322456 2011 UQ_{47} 5 28.9 243°.08 1°.3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.96	−25 30.9	2.335	3.143	12.6	20.6
5 1	16 45.54	−25 39.9	2.244	3.140	10.0	20.4
5 11	16 39.08	−25 43.5	2.176	3.137	6.8	20.2
5 21	16 31.10	−25 41.1	2.134	3.134	3.4	20.0
5 31	16 22.38	−25 32.7	2.119	3.131	1.4	19.8
6 10	16 13.82	−25 19.7	2.133	3.128	4.4	20.0
6 20	16 6.26	−25 4.1	2.173	3.125	7.8	20.2
6 30	16 0.40	−24 48.7	2.238	3.121	10.9	20.4

377493 2005 EK_{122} 5 29.0 0°.17 1°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.64	−15 7.3	4.434	5.243	7.1	21.3
5 1	16 37.32	−14 50.3	4.345	5.242	5.5	21.1
5 11	16 33.09	−14 33.3	4.280	5.242	3.7	21.0
5 21	16 28.25	−14 17.3	4.244	5.242	2.0	20.9
5 31	16 23.12	−14 3.2	4.237	5.242	1.6	20.8
6 10	16 18.09	−13 51.9	4.259	5.242	3.1	21.0
6 20	16 13.49	−13 44.1	4.309	5.243	4.9	21.1
6 30	16 9.62	−13 40.6	4.386	5.243	6.5	21.2

478108 2011 UC_{78} 5 29.0 180°.78 6°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.88	−40 47.8	2.870	3.605	12.2	21.7
5 1	16 52.64	−42 0.5	2.778	3.606	10.4	21.6
5 11	16 43.98	−43 3.6	2.709	3.606	8.5	21.4
5 21	16 33.42	−43 52.5	2.665	3.607	6.9	21.3
5 31	16 21.79	−44 24.2	2.649	3.606	6.2	21.3
6 10	16 10.15	−44 37.6	2.661	3.605	6.9	21.3
6 20	15 59.52	−44 34.4	2.700	3.604	8.5	21.4
6 30	15 50.78	−44 18.6	2.763	3.603	10.4	21.6

83892 2001 UN_{135} 5 29.0 291°.15 0°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.93	−20 59.3	2.102	2.920	13.5	19.3
5 1	16 46.58	−21 20.1	2.006	2.909	10.6	19.1
5 11	16 39.96	−21 39.6	1.933	2.899	7.2	18.9
5 21	16 31.58	−21 56.8	1.885	2.889	3.3	18.6
5 31	16 22.27	−22 11.6	1.865	2.878	0.8	18.4
6 10	16 13.01	−22 24.3	1.872	2.868	4.9	18.7
6 20	16 4.78	−22 36.1	1.906	2.858	8.8	18.9
6 30	15 58.38	−22 48.7	1.964	2.848	12.2	19.1

131149 2001 BF_{80} 5 29.0 176°.83 3°.1/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.60	−13 48.7	2.492	3.302	11.9	21.4
5 1	16 45.64	−13 4.7	2.407	3.305	9.3	21.2
5 11	16 38.92	−12 20.4	2.347	3.307	6.5	21.0
5 21	16 30.97	−11 38.2	2.313	3.308	3.9	20.9
5 31	16 22.46	−11 0.7	2.308	3.308	3.4	20.8
6 10	16 14.17	−10 30.4	2.331	3.308	5.7	21.0
6 20	16 6.79	−10 9.2	2.382	3.308	8.6	21.2
6 30	16 0.91	− 9 58.3	2.457	3.306	11.3	21.3

297415 2000 SH_{26} 5 29.0 205°.09 4°.5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.45	− 7 28.7	2.871	3.675	10.6	21.3
5 1	16 43.01	− 6 40.0	2.782	3.670	8.6	21.1
5 11	16 37.09	− 5 54.2	2.718	3.664	6.4	21.0
5 21	16 30.12	− 5 14.1	2.681	3.659	4.8	20.9
5 31	16 22.67	− 4 42.5	2.672	3.652	4.8	20.9
6 10	16 15.35	− 4 21.3	2.691	3.645	6.3	20.9
6 20	16 8.75	− 4 11.7	2.737	3.638	8.5	21.1
6 30	16 3.36	− 4 13.8	2.806	3.630	10.7	21.2

182294 2001 KU_{76} 5 29.0 358°.50 0°.1/29.7 08 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.52	−26 8.7	36.897	37.689	0.9	22.5
5 1	16 26.75	−26 8.2	36.801	37.689	0.7	22.4
5 11	16 25.88	−26 7.3	36.732	37.689	0.5	22.4
5 21	16 24.94	−26 6.0	36.690	37.689	0.3	22.4
5 31	16 23.98	−26 4.5	36.678	37.688	0.1	22.3
6 10	16 23.02	−26 2.7	36.694	37.688	0.3	22.4
6 20	16 22.11	−26 0.8	36.739	37.688	0.6	22.4
6 30	16 21.27	−25 58.9	36.811	37.688	0.8	22.4

355203 2006 XM_{65} 5 29.0 147°.40 1°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.58	−19 23.0	2.417	3.233	12.0	20.7
5 1	16 44.15	−18 25.1	2.332	3.235	9.3	20.5
5 11	16 37.96	−17 22.6	2.272	3.238	6.3	20.3
5 21	16 30.53	−16 17.7	2.238	3.240	3.1	20.1
5 31	16 22.59	−15 13.7	2.233	3.242	2.2	20.1
6 10	16 14.91	−14 14.2	2.257	3.244	5.1	20.2
6 20	16 8.19	−13 22.5	2.309	3.246	8.2	20.4
6 30	16 3.01	−12 40.9	2.385	3.248	11.1	20.6

3944 Halliday 5 29.0 264°.74 0°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.24	−20 23.4	1.674	2.500	16.1	17.2
5 1	16 49.85	−20 38.8	1.577	2.485	12.7	16.9
5 11	16 42.56	−20 52.7	1.502	2.469	8.6	16.6
5 21	16 32.92	−21 4.5	1.450	2.453	4.0	16.3
5 31	16 21.95	−21 13.8	1.424	2.437	1.0	16.1
6 10	16 10.98	−21 21.5	1.425	2.421	6.0	16.4
6 20	16 1.29	−21 29.2	1.451	2.405	10.8	16.6
6 30	15 53.98	−21 39.4	1.500	2.388	15.0	16.8

317682 2003 KX_{32} 5 29.0 322°.22 3°.7/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.13	−15 16.5	1.372	2.226	17.4	20.1
5 1	16 44.04	−14 49.8	1.274	2.197	13.9	19.8
5 11	16 38.96	−14 22.3	1.195	2.168	9.7	19.5
5 21	16 31.39	−13 56.8	1.138	2.140	5.3	19.2
5 31	16 22.32	−13 37.1	1.105	2.113	4.1	19.0
6 10	16 13.16	−13 27.1	1.095	2.086	8.3	19.2
6 20	16 5.30	−13 29.5	1.107	2.061	13.3	19.4
6 30	15 59.93	−13 46.1	1.138	2.037	18.0	19.6

283755 2003 EO_{43} 5 29.0 263°.86 16°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 7.96	−47 30.7	1.240	2.007	23.8	20.4
5 1	17 4.42	−50 19.0	1.168	1.999	21.5	20.2
5 11	16 54.92	−52 52.1	1.112	1.992	19.2	20.0
5 21	16 39.57	−54 53.3	1.074	1.984	17.4	19.9
5 31	16 20.15	−56 6.3	1.055	1.977	16.8	19.8
6 10	16 0.12	−56 23.1	1.055	1.969	17.6	19.8
6 20	15 43.29	−55 49.0	1.074	1.961	19.6	19.9
6 30	15 32.37	−54 38.8	1.108	1.954	22.1	20.0

107009 2000 YA_{113} 5 29.0 133°.34 0°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.66	−21 37.3	1.744	2.564	15.8	20.2
5 1	16 50.44	−21 39.1	1.670	2.574	12.3	20.0
5 11	16 42.56	−21 37.0	1.617	2.583	8.3	19.8
5 21	16 32.75	−21 30.7	1.589	2.593	3.8	19.5
5 31	16 22.06	−21 20.8	1.588	2.601	1.0	19.3
6 10	16 11.75	−21 9.3	1.614	2.610	5.6	19.7
6 20	16 2.91	−20 58.7	1.666	2.617	9.8	19.9
6 30	15 56.37	−20 52.0	1.741	2.625	13.5	20.2

202712 2007 GC_{61} 5 29.0 315°.12 2°.4/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.60	−27 10.6	1.698	2.520	16.1	20.9
5 1	16 47.73	−27 27.8	1.612	2.514	12.8	20.7
5 11	16 41.04	−27 37.4	1.546	2.508	8.9	20.4
5 21	16 32.18	−27 37.5	1.503	2.502	4.8	20.2
5 31	16 22.19	−27 27.5	1.486	2.497	2.4	20.0
6 10	16 12.41	−27 8.9	1.495	2.491	5.8	20.2
6 20	16 4.03	−26 45.2	1.529	2.486	10.1	20.4
6 30	15 58.02	−26 20.9	1.586	2.482	13.9	20.7

434367 2004 TT_{93} 5 29.0 146°.94 4°.7/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.96	−12 14.2	1.993	2.817	14.0	21.3
5 1	16 45.54	−11 7.5	1.918	2.821	11.0	21.2
5 11	16 39.05	−10 0.9	1.865	2.825	7.9	21.0
5 21	16 31.09	− 8 58.4	1.838	2.829	5.2	20.8
5 31	16 22.49	− 8 4.5	1.838	2.832	5.0	20.8
6 10	16 14.20	− 7 22.8	1.865	2.835	7.4	21.0
6 20	16 7.04	− 6 55.7	1.917	2.838	10.5	21.1
6 30	16 1.66	− 6 44.0	1.992	2.841	13.5	21.3

338765 2003 UZ_{234} 5 29.0 241°.92 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.91	−18 11.1	2.241	3.059	12.8	21.0
5 1	16 45.50	−17 31.4	2.144	3.048	10.0	20.8
5 11	16 39.07	−16 48.1	2.070	3.036	6.8	20.6
5 21	16 31.14	−16 3.0	2.022	3.024	3.4	20.4
5 31	16 22.47	−15 18.7	2.002	3.011	2.4	20.3
6 10	16 13.95	−14 38.4	2.010	2.998	5.5	20.4
6 20	16 6.39	−14 5.0	2.045	2.985	9.0	20.6
6 30	16 0.50	−13 40.7	2.104	2.972	12.2	20.8

514466 2016 UT_{135} 5 29.0 234°.95 2°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.86	−29 11.1	2.599	3.393	11.9	21.6
5 1	16 46.17	−29 35.7	2.503	3.387	9.5	21.5
5 11	16 39.50	−29 54.1	2.429	3.381	6.8	21.3
5 21	16 31.34	−30 4.8	2.382	3.375	4.0	21.1
5 31	16 22.42	−30 6.9	2.362	3.368	2.6	21.0
6 10	16 13.60	−30 1.1	2.371	3.362	4.5	21.1
6 20	16 5.69	−29 49.1	2.408	3.355	7.4	21.3
6 30	15 59.38	−29 33.8	2.469	3.348	10.2	21.4

319551 2006 RH_{116} 5 29.0 28°.10 1°.0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.38	−21 4.6	1.311	2.159	18.4	20.8
5 1	16 47.09	−20 46.5	1.245	2.165	14.4	20.6
5 11	16 40.69	−20 23.0	1.198	2.172	9.6	20.3
5 21	16 31.99	−19 55.3	1.174	2.179	4.4	20.0
5 31	16 22.27	−19 25.9	1.173	2.186	1.6	19.9
6 10	16 13.03	−18 58.5	1.197	2.194	6.7	20.2
6 20	16 5.54	−18 37.0	1.244	2.203	11.6	20.5
6 30	16 0.74	−18 24.5	1.312	2.212	15.9	20.8

26151 Irinokaigan 5 29.0 299°.82 10°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.74	− 5 15.1	1.528	2.363	16.9	17.9
5 1	16 45.59	− 2 39.6	1.433	2.332	14.3	17.6
5 11	16 39.71	+ 0 0.0	1.360	2.302	11.9	17.4
5 21	16 31.64	+ 2 33.2	1.312	2.271	10.8	17.2
5 31	16 22.31	+ 4 47.6	1.288	2.240	11.8	17.2
6 10	16 12.97	+ 6 32.7	1.288	2.209	14.5	17.3
6 20	16 4.80	+ 7 42.5	1.309	2.179	17.9	17.4
6 30	15 58.84	+ 8 15.6	1.347	2.149	21.2	17.5

473216 2015 KB_{131} 5 29.0 81°.45 4°.4/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.15	−12 27.4	2.064	2.889	13.5	21.2
5 1	16 44.11	−11 26.3	1.987	2.891	10.6	21.0
5 11	16 38.09	−10 25.4	1.932	2.893	7.5	20.8
5 21	16 30.66	− 9 28.4	1.903	2.895	4.9	20.6
5 31	16 22.61	− 8 39.1	1.901	2.896	4.7	20.6
6 10	16 14.82	− 8 1.1	1.926	2.898	7.1	20.8
6 20	16 8.09	− 7 36.6	1.976	2.900	10.1	20.9
6 30	16 3.05	− 7 26.4	2.049	2.902	13.0	21.1

366547 2002 QR_{132} 5 29.0 254°.33 1°.6/28.5 17

4 21	16 53.66	−18 23.2	1.893	2.713	14.7	22.6
5 1	16 49.01	−18 10.4	1.789	2.694	11.6	22.3
5 11	16 41.78	−17 55.4	1.707	2.674	7.9	22.1
5 21	16 32.52	−17 38.9	1.650	2.653	3.8	21.8
5 31	16 22.11	−17 22.4	1.621	2.632	2.0	21.6
6 10	16 11.70	−17 8.2	1.618	2.610	6.0	21.8
6 20	16 2.40	−16 58.6	1.642	2.588	10.3	22.0
6 30	15 55.15	−16 56.1	1.688	2.565	14.2	22.2

207443 2006 EQ_{23} 5 29.0 290°.73 1°.9/28.3 17

4 21	16 50.07	−18 8.2	1.801	2.631	14.9	21.0
5 1	16 46.34	−17 48.1	1.698	2.608	11.8	20.7
5 11	16 40.06	−17 25.3	1.616	2.585	8.0	20.5
5 21	16 31.76	−17 1.0	1.558	2.561	3.9	20.2
5 31	16 22.30	−16 37.5	1.527	2.538	2.3	20.0
6 10	16 12.85	−16 17.4	1.522	2.514	6.3	20.2
6 20	16 4.50	−16 3.6	1.542	2.491	10.7	20.4
6 30	15 58.19	−15 58.5	1.584	2.467	14.7	20.6

373496 2000 XK_{20} 5 29.0 158°.96 3°.1/30.6 17

4 21	16 55.36	−32 38.3	2.713	3.487	12.0	22.6
5 1	16 49.44	−32 49.7	2.626	3.496	9.6	22.4
5 11	16 41.53	−32 52.1	2.563	3.504	7.0	22.3
5 21	16 32.20	−32 43.9	2.525	3.511	4.4	22.1
5 31	16 22.25	−32 24.7	2.517	3.518	3.1	22.0
6 10	16 12.57	−31 55.8	2.538	3.524	4.6	22.2
6 20	16 3.95	−31 20.2	2.587	3.529	7.2	22.3
6 30	15 57.03	−30 41.4	2.662	3.534	9.8	22.5

418149 2008 AR_{79} 5 29.0 155°.21 4°.0/27.7 17

4 21	16 52.77	−13 4.2	1.730	2.557	15.6	21.9
5 1	16 48.12	−12 31.4	1.654	2.561	12.3	21.7
5 11	16 40.99	−12 0.2	1.601	2.564	8.6	21.5
5 21	16 32.05	−11 33.3	1.571	2.567	5.1	21.3
5 31	16 22.28	−11 13.8	1.568	2.570	4.3	21.2
6 10	16 12.82	−11 4.2	1.591	2.573	7.3	21.4
6 20	16 4.69	−11 6.0	1.639	2.575	11.0	21.6
6 30	15 58.68	−11 19.8	1.709	2.577	14.5	21.8

106780 2000 XW_{19} 5 29.0 215°.83 3°.8/30.3 18

4 21	16 54.04	−33 0.4	2.847	3.619	11.5	19.8
5 1	16 48.61	−33 45.4	2.746	3.612	9.4	19.6
5 11	16 41.14	−34 23.7	2.669	3.605	7.0	19.4
5 21	16 32.12	−34 52.6	2.618	3.598	4.8	19.3
5 31	16 22.25	−35 10.3	2.596	3.590	3.8	19.2
6 10	16 12.40	−35 16.7	2.603	3.582	5.0	19.3
6 20	16 3.41	−35 13.2	2.637	3.573	7.4	19.4
6 30	15 56.02	−35 2.7	2.697	3.564	9.8	19.6

124484 2001 RT_{24} 5 29.0 210°.42 0°.1/29.1 16

4 21	16 56.06	−22 50.8	1.738	2.556	15.9	21.1
5 1	16 51.02	−22 43.7	1.648	2.550	12.5	20.9
5 11	16 43.17	−22 30.9	1.578	2.544	8.5	20.6
5 21	16 33.14	−22 12.0	1.534	2.537	3.9	20.3
5 31	16 22.00	−21 47.8	1.516	2.529	1.0	20.1
6 10	16 11.06	−21 20.9	1.525	2.521	5.8	20.4
6 20	16 1.52	−20 54.9	1.560	2.511	10.3	20.6
6 30	15 54.35	−20 33.6	1.618	2.502	14.4	20.8

474750 2005 PV_{28} 5 29.0 252°.22 4°.3/31.0 17

4 21	16 51.77	−35 6.4	2.394	3.175	13.2	21.7
5 1	16 47.17	−35 25.4	2.298	3.168	10.8	21.5
5 11	16 40.31	−35 33.7	2.223	3.161	8.2	21.3
5 21	16 31.75	−35 29.0	2.174	3.153	5.6	21.1
5 31	16 22.35	−35 10.1	2.151	3.146	4.3	21.0
6 10	16 13.12	−34 38.3	2.156	3.139	5.6	21.1
6 20	16 5.01	−33 56.7	2.187	3.131	8.2	21.3
6 30	15 58.78	−33 9.9	2.243	3.124	11.0	21.4

463098 2011 UC_{28} 5 29.0 154°.84 3°.5/30.2 16

4 21	16 58.34	−30 20.4	1.753	2.555	16.4	22.9
5 1	16 52.84	−30 41.9	1.674	2.562	13.2	22.7
5 11	16 44.36	−30 53.2	1.616	2.569	9.4	22.5
5 21	16 33.65	−30 51.3	1.582	2.575	5.5	22.3
5 31	16 21.90	−30 35.2	1.574	2.580	3.5	22.2
6 10	16 10.52	−30 6.7	1.593	2.585	6.1	22.3
6 20	16 0.78	−29 30.2	1.638	2.589	10.0	22.6
6 30	15 53.61	−28 51.4	1.706	2.592	13.6	22.8

469497 2002 XO_{61} 5 29.0 200°.69 0°.7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.21	−19 48.5	2.975	3.777	10.4	22.6
5 1	16 45.20	−19 36.3	2.877	3.772	8.1	22.4
5 11	16 38.61	−19 21.7	2.804	3.767	5.4	22.3
5 21	16 30.88	−19 5.3	2.758	3.760	2.5	22.1
5 31	16 22.59	−18 48.0	2.741	3.753	1.0	21.9
6 10	16 14.43	−18 31.2	2.754	3.746	3.9	22.1
6 20	16 7.01	−18 16.6	2.796	3.738	6.8	22.3
6 30	16 0.88	−18 5.8	2.864	3.729	9.4	22.5

180424 2004 BJ_{78} 5 29.0 244°.98 0°.1/29.0 18

4 21	16 54.35	−21 58.0	1.895	2.712	14.8	21.4
5 1	16 49.58	−21 56.0	1.794	2.696	11.7	21.1
5 11	16 42.19	−21 49.6	1.715	2.680	7.9	20.9
5 21	16 32.72	−21 38.7	1.660	2.663	3.7	20.6
5 31	16 22.12	−21 23.7	1.633	2.646	0.9	20.3
6 10	16 11.57	−21 6.5	1.633	2.628	5.5	20.6
6 20	16 2.18	−20 49.9	1.659	2.610	9.9	20.8
6 30	15 54.92	−20 37.1	1.709	2.591	13.8	21.0

204638 2006 AV_4 5 29.0 185°.59 1°.6/29.4 18

4 21	16 57.79	−23 42.6	1.557	2.379	17.3	20.7
5 1	16 52.77	−24 16.9	1.476	2.379	13.7	20.4
5 11	16 44.56	−24 47.7	1.415	2.379	9.4	20.2
5 21	16 33.86	−25 12.5	1.377	2.378	4.6	19.9
5 31	16 21.85	−25 29.4	1.365	2.378	1.8	19.7
6 10	16 10.04	−25 38.6	1.380	2.376	6.2	20.0
6 20	15 59.85	−25 42.4	1.420	2.374	10.9	20.2
6 30	15 52.36	−25 44.6	1.482	2.372	15.1	20.5

199975 2007 HG_{90} 5 29.0 347°.80 6°.7/25.7 17

4 21	16 45.64	−12 4.2	1.413	2.265	17.1	19.7
5 1	16 43.12	−10 27.8	1.340	2.259	13.6	19.5
5 11	16 37.92	− 8 49.5	1.287	2.253	10.0	19.3
5 21	16 30.75	− 7 16.3	1.257	2.248	7.1	19.1
5 31	16 22.64	− 5 56.1	1.252	2.243	7.2	19.1
6 10	16 14.86	− 4 55.9	1.270	2.240	10.2	19.2
6 20	16 8.48	− 4 19.2	1.310	2.237	13.9	19.4
6 30	16 4.37	− 4 7.0	1.369	2.236	17.5	19.6

9115 Battisti 5 29.0 354°.53 1°.5/29.6 18

4 21	16 50.21	−26 51.4	1.346	2.187	18.5	16.9
5 1	16 47.17	−26 35.8	1.270	2.184	14.6	16.6
5 11	16 40.90	−26 8.5	1.213	2.182	10.0	16.4
5 21	16 32.18	−25 28.8	1.178	2.181	4.9	16.1
5 31	16 22.29	−24 38.7	1.167	2.180	1.7	15.8
6 10	16 12.80	−23 42.9	1.180	2.180	6.4	16.1
6 20	16 5.08	−22 47.7	1.217	2.180	11.5	16.4
6 30	16 0.14	−21 59.1	1.275	2.181	15.9	16.7

93227 2000 SU_{142} 5 29.0 316°.03 1°.8/28.1 17

4 21	16 47.77	−22 48.5	1.489	2.332	16.9	18.8
5 1	16 45.02	−21 41.3	1.394	2.312	13.3	18.5
5 11	16 39.39	−20 20.9	1.318	2.291	9.0	18.2
5 21	16 31.50	−18 50.0	1.267	2.271	4.2	17.9
5 31	16 22.45	−17 13.8	1.240	2.252	2.3	17.7
6 10	16 13.56	−15 40.1	1.239	2.233	7.2	17.9
6 20	16 6.10	−14 16.3	1.262	2.215	12.1	18.2
6 30	16 1.06	−13 8.8	1.306	2.197	16.6	18.4

28236 1999 AH_{10} 5 29.0 141°.92 1°.3/28.5 18

4 21	16 49.62	−18 40.8	2.178	2.998	13.1	18.5
5 1	16 45.27	−18 25.7	2.095	3.000	10.2	18.3
5 11	16 38.91	−18 8.5	2.035	3.002	6.8	18.1
5 21	16 31.09	−17 50.2	2.001	3.004	3.2	17.9
5 31	16 22.59	−17 32.4	1.994	3.005	1.7	17.8
6 10	16 14.31	−17 17.1	2.015	3.007	5.0	18.0
6 20	16 7.07	−17 6.1	2.062	3.008	8.5	18.2
6 30	16 1.54	−17 1.2	2.134	3.010	11.7	18.5

369031 2007 YK_{66} 5 29.0 74°.29 1°.5/28.6 17

4 21	16 53.72	−18 34.4	1.497	2.332	17.2	21.2
5 1	16 49.22	−18 26.3	1.433	2.346	13.4	21.0
5 11	16 41.88	−18 16.5	1.390	2.359	8.9	20.8
5 21	16 32.50	−18 5.8	1.369	2.373	4.2	20.5
5 31	16 22.25	−17 55.8	1.375	2.387	2.0	20.4
6 10	16 12.49	−17 48.7	1.406	2.400	6.4	20.7
6 20	16 4.36	−17 46.8	1.461	2.414	10.8	21.0
6 30	15 58.70	−17 51.9	1.539	2.427	14.7	21.3

270185 2001 SP_{277} 5 29.0 200°.87 1°.6/29.8 18

4 21	16 54.59	−28 7.7	2.529	3.319	12.3	21.9
5 1	16 49.01	−28 2.3	2.430	3.314	9.8	21.7
5 11	16 41.37	−27 49.2	2.354	3.308	6.8	21.5
5 21	16 32.21	−27 27.5	2.304	3.302	3.6	21.2
5 31	16 22.32	−26 57.6	2.284	3.294	1.7	21.1
6 10	16 12.61	−26 21.4	2.292	3.286	4.4	21.3
6 20	16 3.92	−25 41.9	2.329	3.277	7.6	21.5
6 30	15 56.94	−25 2.7	2.392	3.267	10.6	21.6

388740 2007 VY_{306} 5 29.0 56°.38 1°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.61	−17 23.6	2.097	2.918	13.5	20.5
5 1	16 46.13	−17 31.4	2.017	2.922	10.5	20.3
5 11	16 39.54	−17 39.3	1.960	2.926	7.0	20.1
5 21	16 31.40	−17 47.8	1.928	2.930	3.3	19.9
5 31	16 22.53	−17 57.3	1.923	2.935	1.6	19.8
6 10	16 13.86	−18 8.7	1.946	2.939	5.1	20.0
6 20	16 6.27	−18 22.8	1.995	2.943	8.7	20.2
6 30	16 0.46	−18 40.6	2.069	2.948	11.9	20.4

202278 2005 BT_{22} 5 29.0 243°.49 2°.5/30.0 17

4 21	16 52.17	−28 57.8	2.057	2.862	14.2	21.0
5 1	16 47.70	−29 8.7	1.965	2.857	11.4	20.7
5 11	16 40.79	−29 11.2	1.895	2.851	8.0	20.5
5 21	16 32.04	−29 3.8	1.849	2.845	4.5	20.3
5 31	16 22.36	−28 46.1	1.830	2.839	2.6	20.2
6 10	16 12.88	−28 19.7	1.839	2.833	5.2	20.3
6 20	16 4.59	−27 47.8	1.874	2.827	8.8	20.5
6 30	15 58.34	−27 14.7	1.933	2.820	12.2	20.7

380814 2005 YQ_{86} 5 29.0 268°.63 1°.5/28.5 18

4 21	16 52.54	−18 17.0	1.956	2.777	14.3	21.0
5 1	16 48.11	−18 8.1	1.849	2.754	11.3	20.7
5 11	16 41.20	−17 57.5	1.764	2.731	7.7	20.5
5 21	16 32.31	−17 45.8	1.704	2.707	3.7	20.2
5 31	16 22.28	−17 34.4	1.671	2.683	1.9	20.0
6 10	16 12.22	−17 25.0	1.666	2.658	5.8	20.2
6 20	16 3.18	−17 19.9	1.686	2.633	10.0	20.4
6 30	15 56.10	−17 21.2	1.730	2.608	13.9	20.6

345640 2006 SJ_{365} 5 29.0 96°.73 3°.8/30.4 17

4 21	16 55.46	−32 0.5	2.453	3.234	12.9	20.8
5 1	16 49.78	−32 47.4	2.380	3.253	10.4	20.6
5 11	16 41.91	−33 26.5	2.330	3.271	7.6	20.5
5 21	16 32.46	−33 54.9	2.306	3.289	5.0	20.3
5 31	16 22.28	−34 11.0	2.310	3.307	3.8	20.3
6 10	16 12.37	−34 15.3	2.342	3.325	5.3	20.4
6 20	16 3.60	−34 9.6	2.402	3.342	7.8	20.6
6 30	15 56.70	−33 57.6	2.487	3.359	10.4	20.8

281562 2008 UT_{85} 5 29.0 186°.77 4°.6/26.5 18

4 21	16 49.79	−12 27.2	2.085	2.907	13.5	20.9
5 1	16 45.39	−11 15.4	2.005	2.907	10.7	20.7
5 11	16 38.97	−10 2.9	1.947	2.906	7.6	20.5
5 21	16 31.12	− 8 53.7	1.915	2.906	5.1	20.4
5 31	16 22.63	− 7 52.4	1.911	2.905	4.9	20.3
6 10	16 14.39	− 7 3.0	1.934	2.904	7.3	20.5
6 20	16 7.22	− 6 28.1	1.983	2.902	10.4	20.7
6 30	16 1.77	− 6 8.8	2.055	2.900	13.3	20.8

310214 2011 SA_{180} 5 29.0 152°.17 1°.0/28.5 18

4 21	16 48.83	−19 47.5	2.641	3.451	11.3	22.0
5 1	16 44.27	−19 24.9	2.557	3.456	8.8	21.8
5 11	16 38.05	−18 59.4	2.497	3.461	5.8	21.6
5 21	16 30.66	−18 32.1	2.463	3.466	2.7	21.4
5 31	16 22.75	−18 4.4	2.459	3.471	1.3	21.3
6 10	16 15.05	−17 38.4	2.483	3.475	4.3	21.6
6 20	16 8.23	−17 16.1	2.535	3.479	7.3	21.8
6 30	16 2.83	−16 59.2	2.612	3.482	10.0	21.9

372628 2009 VX_{59} 5 29.0 108°.57 3°.0/27.7 17

4 21	16 52.53	−14 56.9	2.170	2.985	13.3	21.7
5 1	16 47.24	−14 14.6	2.106	3.007	10.3	21.6
5 11	16 40.03	−13 32.0	2.066	3.028	7.0	21.4
5 21	16 31.53	−12 51.5	2.051	3.049	4.0	21.2
5 31	16 22.55	−12 16.0	2.065	3.069	3.3	21.2
6 10	16 13.98	−11 48.1	2.107	3.089	5.8	21.4
6 20	16 6.56	−11 29.4	2.176	3.108	9.0	21.7
6 30	16 0.87	−11 21.1	2.269	3.126	11.8	21.9

114580 2003 BP_{77} 5 29.0 337°.58 3°.9/30.9 18

4 21	16 50.59	−33 33.3	2.041	2.839	14.6	19.2
5 1	16 46.55	−33 40.9	1.952	2.835	11.9	19.0
5 11	16 40.04	−33 36.5	1.885	2.832	8.7	18.8
5 21	16 31.70	−33 18.1	1.842	2.829	5.6	18.6
5 31	16 22.48	−32 45.3	1.824	2.826	3.9	18.5
6 10	16 13.54	−32 0.3	1.834	2.823	5.7	18.6
6 20	16 5.88	−31 7.3	1.869	2.821	8.9	18.8
6 30	16 0.31	−30 11.7	1.928	2.819	12.1	19.0

73247 2002 JY_{40} 5 29.0 337°.98 2°.6/28.1 17

4 21	16 49.02	−19 40.3	1.289	2.142	18.4	19.3
5 1	16 46.21	−18 51.0	1.213	2.136	14.4	19.0
5 11	16 40.27	−17 54.4	1.156	2.131	9.8	18.7
5 21	16 31.93	−16 53.8	1.122	2.126	4.8	18.4
5 31	16 22.43	−15 54.0	1.111	2.121	3.1	18.3
6 10	16 13.27	−15 1.2	1.124	2.117	7.7	18.5
6 20	16 5.78	−14 20.4	1.159	2.114	12.8	18.8
6 30	16 0.97	−13 55.4	1.215	2.111	17.2	19.1

380872 2006 CK_{22} 5 29.0 71°.75 3°.7/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.93	−12 46.9	1.793	2.622	15.1	20.5
5 1	16 46.60	−12 26.1	1.722	2.629	11.8	20.3
5 11	16 39.95	−12 8.0	1.672	2.636	8.2	20.1
5 21	16 31.61	−11 54.8	1.647	2.644	4.8	19.9
5 31	16 22.52	−11 48.6	1.647	2.651	3.9	19.9
6 10	16 13.76	−11 51.4	1.674	2.658	6.8	20.1
6 20	16 6.24	−12 3.8	1.727	2.666	10.4	20.3
6 30	16 0.72	−12 26.2	1.802	2.673	13.7	20.5

44345 1998 RO_{73} 5 29.0 245°.24 1°.3/28.5 18

4 21	16 49.91	−20 4.4	2.045	2.868	13.7	19.3
5 1	16 45.72	−19 36.2	1.957	2.863	10.7	19.1
5 11	16 39.34	−19 3.7	1.890	2.858	7.2	18.9
5 21	16 31.35	−18 28.3	1.849	2.853	3.3	18.6
5 31	16 22.59	−17 52.2	1.836	2.847	1.7	18.5
6 10	16 14.04	−17 18.4	1.849	2.842	5.3	18.7
6 20	16 6.60	−16 49.6	1.889	2.837	9.1	19.0
6 30	16 0.97	−16 28.6	1.953	2.831	12.5	19.2

248444 2005 TT_{72} 5 29.0 324°.79 2°.0/29.3 18

4 21	16 52.23	−23 9.3	1.833	2.655	15.1	19.5
5 1	16 48.24	−24 7.1	1.734	2.637	12.0	19.2
5 11	16 41.52	−25 5.2	1.656	2.620	8.3	19.0
5 21	16 32.56	−26 0.9	1.603	2.604	4.3	18.7
5 31	16 22.27	−26 51.2	1.576	2.587	2.1	18.5
6 10	16 11.85	−27 34.5	1.577	2.572	5.7	18.7
6 20	16 2.54	−28 10.7	1.603	2.557	9.9	18.9
6 30	15 55.39	−28 41.7	1.653	2.543	13.8	19.1

45230 1999 XV_{214} 5 29.0 145°.72 3°.2/27.9 18

4 21	16 54.19	−13 51.8	1.986	2.802	14.3	20.0
5 1	16 48.87	−13 27.6	1.911	2.812	11.2	19.8
5 11	16 41.34	−13 4.6	1.859	2.821	7.7	19.6
5 21	16 32.22	−12 44.6	1.833	2.830	4.3	19.5
5 31	16 22.41	−12 30.0	1.834	2.839	3.4	19.4
6 10	16 12.93	−12 22.7	1.863	2.847	6.3	19.6
6 20	16 4.66	−12 23.9	1.918	2.854	9.8	19.8
6 30	15 58.31	−12 34.4	1.997	2.860	12.9	20.0

164456 2006 DG_{88} 5 29.0 349°.56 1°.1/29.3 17

4 21	16 51.43	−24 10.9	1.247	2.095	19.2	20.2
5 1	16 48.41	−24 16.7	1.173	2.092	15.2	19.9
5 11	16 41.94	−24 15.3	1.118	2.089	10.4	19.6
5 21	16 32.78	−24 5.4	1.083	2.087	5.0	19.3
5 31	16 22.25	−23 47.6	1.072	2.085	1.5	19.0
6 10	16 12.06	−23 24.7	1.085	2.084	6.8	19.4
6 20	16 3.71	−23 1.2	1.120	2.084	12.1	19.7
6 30	15 58.34	−22 41.9	1.176	2.084	16.8	19.9

417940 2007 SE_{4} 5 29.0 311°.72 0°.2/29.0 17

4 21	16 48.74	−24 1.6	1.230	2.084	19.1	20.5
5 1	16 46.54	−23 34.6	1.141	2.063	15.2	20.2
5 11	16 40.89	−22 56.1	1.070	2.044	10.4	19.9
5 21	16 32.40	−22 6.5	1.020	2.025	4.8	19.5
5 31	16 22.32	−21 8.5	0.992	2.006	1.2	19.2
6 10	16 12.34	−20 7.6	0.988	1.988	7.3	19.5
6 20	16 4.04	−19 11.0	1.006	1.970	13.1	19.8
6 30	15 58.72	−18 25.3	1.044	1.954	18.3	20.0

127842 2003 FC_{109} 5 29.0 122°.00 3°.5/28.2 18

4 21	16 56.44	−13 46.9	1.567	2.394	17.0	20.4
5 1	16 51.17	−13 31.1	1.501	2.407	13.3	20.2
5 11	16 43.13	−13 17.8	1.455	2.420	9.1	19.9
5 21	16 33.10	−13 8.7	1.433	2.432	5.0	19.7
5 31	16 22.21	−13 6.0	1.437	2.444	3.8	19.7
6 10	16 11.76	−13 11.4	1.468	2.455	7.2	19.9
6 20	16 2.89	−13 25.8	1.523	2.465	11.3	20.2
6 30	15 56.43	−13 49.5	1.601	2.475	15.0	20.4

507863 2014 HU_{182} 5 29.0 48°.95 8°.5/24.4 18

4 21	16 46.19	+ 2 46.4	2.337	3.132	13.1	21.1
5 1	16 42.35	+ 3 58.6	2.273	3.136	11.2	21.0
5 11	16 36.83	+ 5 0.4	2.230	3.140	9.5	20.9
5 21	16 30.13	+ 5 47.1	2.212	3.144	8.6	20.8
5 31	16 22.93	+ 6 14.8	2.219	3.148	8.8	20.8
6 10	16 15.96	+ 6 21.7	2.250	3.153	10.0	20.9
6 20	16 9.87	+ 6 8.0	2.304	3.157	11.7	21.0
6 30	16 5.21	+ 5 35.5	2.378	3.162	13.6	21.2

307622 2003 SX_{41} 5 29.0 301°.51 10°.8/30.7 18

4 21	16 58.10	−44 8.3	1.809	2.567	17.6	20.4
5 1	16 54.20	−45 43.9	1.701	2.537	15.6	20.1
5 11	16 46.43	−47 7.6	1.612	2.507	13.4	19.9
5 21	16 35.18	−48 10.7	1.545	2.477	11.5	19.7
5 31	16 21.58	−48 45.2	1.500	2.447	10.8	19.6
6 10	16 7.48	−48 46.9	1.478	2.417	11.7	19.6
6 20	15 54.91	−48 17.7	1.478	2.387	13.9	19.6
6 30	15 45.59	−47 25.0	1.499	2.357	16.7	19.7

505983 2015 GA_{28} 5 29.1 153°.42 9°.5/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 2.38	−44 44.0	2.094	2.831	16.1	21.7
5 1	16 56.63	−46 19.8	2.014	2.833	14.1	21.6
5 11	16 47.41	−47 41.6	1.953	2.836	12.0	21.4
5 21	16 35.33	−48 42.1	1.915	2.838	10.2	21.3
5 31	16 21.63	−49 15.6	1.902	2.841	9.5	21.3
6 10	16 7.97	−49 20.5	1.914	2.843	10.1	21.3
6 20	15 55.97	−48 59.9	1.949	2.845	11.7	21.4
6 30	15 46.90	−48 20.8	2.007	2.846	13.8	21.6

5649 Donnashirley 5 29.1 190°.50 9°.6/ 1.4 16

4 21	17 9.27	−48 29.8	2.350	3.048	15.5	19.7
5 1	17 1.91	−49 50.0	2.259	3.047	13.7	19.6
5 11	16 50.90	−50 54.7	2.188	3.045	11.9	19.4
5 21	16 36.91	−51 36.5	2.140	3.041	10.3	19.3
5 31	16 21.25	−51 49.6	2.116	3.037	9.6	19.3
6 10	16 5.68	−51 32.7	2.118	3.031	10.0	19.3
6 20	15 51.90	−50 49.5	2.145	3.025	11.5	19.4
6 30	15 41.18	−49 47.4	2.195	3.017	13.3	19.5

320405 2007 UN_{122} 5 29.1 269°.86 0°.8/28.8 18

4 21	16 49.72	−20 42.0	2.083	2.904	13.5	21.4
5 1	16 45.61	−20 27.0	1.991	2.896	10.6	21.2
5 11	16 39.31	−20 8.3	1.921	2.888	7.1	20.9
5 21	16 31.38	−19 46.4	1.876	2.880	3.3	20.7
5 31	16 22.63	−19 22.9	1.859	2.871	1.2	20.5
6 10	16 14.05	−19 0.1	1.869	2.863	5.1	20.8
6 20	16 6.52	−18 40.4	1.905	2.855	8.9	21.0
6 30	16 0.78	−18 26.3	1.965	2.846	12.3	21.2

144719 2004 GC_{31} 5 29.1 318°.03 2°.1/29.6 17

4 21	16 51.29	−25 26.7	1.960	2.777	14.4	19.7
5 1	16 47.22	−26 4.0	1.866	2.766	11.5	19.5
5 11	16 40.64	−26 37.6	1.794	2.756	8.0	19.2
5 21	16 32.09	−27 5.3	1.746	2.745	4.2	19.0
5 31	16 22.44	−27 25.7	1.725	2.736	2.2	18.8
6 10	16 12.85	−27 38.7	1.731	2.726	5.3	19.0
6 20	16 4.37	−27 45.6	1.763	2.717	9.2	19.2
6 30	15 57.94	−27 49.4	1.818	2.708	12.7	19.4

497339 2005 UN_{70} 5 29.1 193°.60 2°.0/29.9 17

4 21	16 55.18	−28 40.1	2.561	3.348	12.3	23.6
5 1	16 49.49	−28 47.2	2.463	3.345	9.8	23.4
5 11	16 41.73	−28 47.1	2.390	3.342	6.8	23.2
5 21	16 32.43	−28 38.6	2.342	3.337	3.8	23.0
5 31	16 22.39	−28 21.3	2.323	3.332	2.1	22.9
6 10	16 12.50	−27 56.8	2.334	3.326	4.4	23.0
6 20	16 3.63	−27 27.4	2.373	3.320	7.5	23.2
6 30	15 56.47	−26 56.8	2.438	3.312	10.5	23.4

222682 2001 YZ_{86} 5 29.1 175°.99 2°.2/28.3 18

4 21	16 53.23	−15 12.5	2.330	3.139	12.7	21.0
5 1	16 47.93	−15 3.2	2.244	3.141	9.9	20.8
5 11	16 40.65	−14 54.5	2.181	3.143	6.7	20.6
5 21	16 31.94	−14 47.5	2.145	3.145	3.5	20.4
5 31	16 22.54	−14 43.3	2.138	3.145	2.4	20.3
6 10	16 13.33	−14 43.3	2.159	3.146	5.2	20.5
6 20	16 5.12	−14 48.7	2.207	3.145	8.5	20.7
6 30	15 58.55	−15 0.2	2.281	3.144	11.5	20.9

189136 2002 BF_{29} 5 29.1 245°.72 2°.8/28.3 18

4 21	16 53.77	−13 25.3	2.072	2.886	13.8	19.9
5 1	16 48.81	−13 27.3	1.972	2.872	11.0	19.7
5 11	16 41.53	−13 32.4	1.895	2.857	7.6	19.4
5 21	16 32.46	−13 41.5	1.843	2.842	4.1	19.2
5 31	16 22.39	−13 55.6	1.820	2.827	3.0	19.1
6 10	16 12.34	−14 15.5	1.824	2.811	6.0	19.2
6 20	16 3.29	−14 41.7	1.855	2.794	9.7	19.4
6 30	15 56.06	−15 14.4	1.910	2.778	13.2	19.6

24407 2000 AJ_{200} 5 29.1 254°.82 8°.4/25.2 18

4 21	16 49.04	− 0 39.9	2.011	2.818	14.5	18.5
5 1	16 44.96	+ 0 26.9	1.931	2.809	12.2	18.3
5 11	16 38.82	+ 1 24.9	1.873	2.801	10.0	18.1
5 21	16 31.15	+ 2 8.9	1.838	2.792	8.6	18.0
5 31	16 22.73	+ 2 34.2	1.829	2.783	8.7	18.0
6 10	16 14.47	+ 2 38.0	1.844	2.774	10.4	18.1
6 20	16 7.22	+ 2 20.2	1.883	2.764	12.7	18.2
6 30	16 1.68	+ 1 42.4	1.942	2.755	15.2	18.4

500116 2012 BO_{118} 5 29.1 47°.56 1°.5/28.6 17

4 21	16 52.12	−19 28.0	1.331	2.177	18.4	22.0
5 1	16 48.36	−19 12.3	1.269	2.187	14.3	21.7
5 11	16 41.52	−18 53.2	1.226	2.198	9.6	21.5
5 21	16 32.46	−18 32.2	1.206	2.210	4.4	21.2
5 31	16 22.44	−18 11.5	1.210	2.222	2.0	21.1
6 10	16 12.93	−17 54.3	1.238	2.234	6.8	21.4
6 20	16 5.19	−17 43.5	1.290	2.247	11.6	21.7
6 30	16 0.11	−17 41.6	1.363	2.260	15.7	22.0

236235 2005 YT_{28} 5 29.1 268°.66 4°.6/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.94	− 9 59.5	1.875	2.697	14.8	20.4
5 1	16 47.57	− 9 43.6	1.781	2.682	11.8	20.2
5 11	16 40.80	− 9 32.5	1.708	2.667	8.5	20.0
5 21	16 32.15	− 9 28.8	1.659	2.651	5.5	19.8
5 31	16 22.48	− 9 34.7	1.637	2.636	4.8	19.7
6 10	16 12.86	− 9 51.9	1.641	2.620	7.5	19.8
6 20	16 4.31	−10 20.7	1.671	2.604	11.1	20.0
6 30	15 57.69	−11 0.6	1.723	2.588	14.5	20.2

72156 2000 YJ_{99} 5 29.1 293°.27 1°.3/29.5 18

4 21	16 52.49	−25 44.8	1.488	2.320	17.5	19.1
5 1	16 49.21	−25 39.5	1.380	2.289	14.0	18.8
5 11	16 42.63	−25 24.8	1.291	2.258	9.8	18.5
5 21	16 33.26	−24 59.1	1.225	2.227	4.8	18.1
5 31	16 22.17	−24 22.4	1.183	2.196	1.6	17.8
6 10	16 10.89	−23 37.5	1.166	2.164	6.7	18.0
6 20	16 0.98	−22 49.7	1.173	2.132	12.1	18.2
6 30	15 53.77	−22 5.4	1.201	2.101	17.1	18.4

141296 2001 YV_{91} 5 29.1 143°.29 1°.9/28.2 18

4 21	16 49.22	−15 55.7	2.587	3.399	11.5	20.2
5 1	16 44.61	−15 42.6	2.505	3.405	8.9	20.1
5 11	16 38.32	−15 29.5	2.448	3.411	6.0	19.9
5 21	16 30.84	−15 17.4	2.417	3.417	3.1	19.7
5 31	16 22.83	−15 7.8	2.414	3.422	2.1	19.6
6 10	16 15.02	−15 1.8	2.440	3.428	4.7	19.8
6 20	16 8.06	−15 0.8	2.493	3.432	7.6	20.0
6 30	16 2.53	−15 5.6	2.572	3.437	10.3	20.2

470830 2008 WB_{83} 5 29.1 288°.00 3°.4/28.3 18

4 21	16 52.01	−11 54.3	1.868	2.691	14.8	21.0
5 1	16 47.68	−11 58.0	1.773	2.677	11.7	20.8
5 11	16 40.90	−12 6.5	1.700	2.663	8.2	20.6
5 21	16 32.21	−12 21.4	1.651	2.649	4.7	20.3
5 31	16 22.47	−12 43.7	1.629	2.635	3.6	20.2
6 10	16 12.76	−13 14.0	1.634	2.621	6.7	20.4
6 20	16 4.12	−13 52.3	1.665	2.607	10.5	20.6
6 30	15 57.44	−14 38.1	1.719	2.593	14.1	20.7

439649 2014 HY_{11} 5 29.1 323°.95 3°.3/27.4 16

4 21	16 47.08	−14 28.6	2.226	3.050	12.7	21.2
5 1	16 43.27	−13 41.9	2.141	3.047	9.9	21.0
5 11	16 37.58	−12 54.5	2.080	3.044	6.9	20.8
5 21	16 30.55	−12 8.8	2.044	3.041	4.1	20.6
5 31	16 22.90	−11 28.1	2.036	3.038	3.5	20.6
6 10	16 15.45	−10 55.4	2.055	3.035	6.1	20.7
6 20	16 8.95	−10 32.6	2.100	3.033	9.2	20.9
6 30	16 4.01	−10 21.3	2.168	3.030	12.1	21.1

62078 2000 RS_{81} 5 29.1 89°.15 3°.7/27.2 18

4 21	16 50.96	−16 3.4	1.769	2.599	15.2	18.5
5 1	16 46.59	−14 53.8	1.700	2.609	11.8	18.3
5 11	16 39.91	−13 41.2	1.653	2.619	8.1	18.1
5 21	16 31.61	−12 29.9	1.631	2.629	4.7	17.9
5 31	16 22.66	−11 24.5	1.636	2.639	4.1	17.8
6 10	16 14.14	−10 29.9	1.668	2.649	7.1	18.0
6 20	16 6.93	− 9 49.3	1.724	2.658	10.7	18.3
6 30	16 1.75	− 9 24.3	1.803	2.668	14.0	18.5

409854 2006 SN_{119} 5 29.1 273°.38 0°.7/29.4 17

4 21	16 46.61	−24 22.0	3.428	4.226	9.2	21.5
5 1	16 42.43	−24 26.0	3.314	4.205	7.2	21.3
5 11	16 36.84	−24 26.5	3.224	4.184	4.9	21.2
5 21	16 30.19	−24 23.5	3.161	4.162	2.4	21.0
5 31	16 22.99	−24 16.9	3.128	4.141	0.8	20.8
6 10	16 15.81	−24 7.8	3.124	4.119	3.2	21.0
6 20	16 9.20	−23 57.3	3.148	4.096	5.8	21.1
6 30	16 3.67	−23 47.1	3.199	4.074	8.2	21.2

122908 2000 SM_{166} 5 29.1 237°.53 3°.3/30.4 18

4 21	16 54.54	−31 20.9	2.197	2.988	13.9	21.2
5 1	16 49.56	−31 33.8	2.094	2.975	11.2	21.0
5 11	16 42.10	−31 37.1	2.013	2.962	8.1	20.7
5 21	16 32.74	−31 28.9	1.957	2.948	5.0	20.5
5 31	16 22.37	−31 8.0	1.928	2.933	3.3	20.4
6 10	16 12.10	−30 35.9	1.927	2.918	5.4	20.5
6 20	16 2.98	−29 55.9	1.953	2.902	8.8	20.7
6 30	15 55.88	−29 12.8	2.004	2.886	12.1	20.8

186786 2004 DX_{62} 5 29.1 211°.22 1°.5/28.5 17

4 21	16 54.38	−18 20.6	2.140	2.951	13.6	21.7
5 1	16 49.15	−18 6.3	2.045	2.944	10.6	21.5
5 11	16 41.67	−17 49.8	1.972	2.936	7.2	21.2
5 21	16 32.49	−17 32.0	1.925	2.927	3.4	21.0
5 31	16 22.44	−17 14.4	1.906	2.917	1.8	20.8
6 10	16 12.52	−16 58.9	1.915	2.906	5.4	21.1
6 20	16 3.67	−16 47.6	1.952	2.895	9.1	21.3
6 30	15 56.65	−16 42.6	2.013	2.883	12.5	21.5

141208 2001 XG_{212} 5 29.1 206°.20 3°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.31	− 8 31.6	2.599	3.404	11.6	20.3
5 1	16 45.48	− 8 22.3	2.510	3.400	9.3	20.2
5 11	16 38.95	− 8 17.6	2.444	3.396	6.7	20.0
5 21	16 31.16	− 8 19.3	2.404	3.392	4.5	19.9
5 31	16 22.77	− 8 28.8	2.393	3.387	4.0	19.8
6 10	16 14.51	− 8 46.8	2.410	3.382	5.9	19.9
6 20	16 7.04	− 9 13.6	2.455	3.377	8.5	20.1
6 30	16 0.96	− 9 48.6	2.524	3.371	11.1	20.2

304669 2006 WK_{92} 5 29.1 6°.82 0°.2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.13	−20 37.3	2.142	2.960	13.3	20.7
5 1	16 45.85	−20 46.9	2.057	2.961	10.4	20.5
5 11	16 39.44	−20 54.4	1.995	2.961	7.0	20.3
5 21	16 31.46	−20 59.7	1.958	2.961	3.2	20.0
5 31	16 22.72	−21 3.2	1.948	2.962	0.8	19.8
6 10	16 14.15	−21 5.7	1.967	2.962	4.7	20.1
6 20	16 6.63	−21 8.8	2.011	2.963	8.4	20.4
6 30	16 0.87	−21 14.2	2.080	2.964	11.6	20.6

317126 2001 UG_{39} 5 29.1 222°.70 1°.7/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.52	−26 29.1	2.377	3.180	12.6	21.6
5 1	16 46.85	−26 45.4	2.283	3.175	10.0	21.4
5 11	16 40.09	−26 56.3	2.212	3.171	6.9	21.2
5 21	16 31.76	−27 0.7	2.167	3.166	3.6	21.0
5 31	16 22.64	−26 58.0	2.150	3.161	1.8	20.9
6 10	16 13.65	−26 49.4	2.161	3.155	4.5	21.1
6 20	16 5.64	−26 36.7	2.199	3.150	7.8	21.3
6 30	15 59.34	−26 22.9	2.262	3.144	10.9	21.4

432411 2010 AF_{9} 5 29.1 147°.57 5°.1/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.30	− 6 7.2	2.392	3.193	12.6	21.7
5 1	16 47.01	− 5 40.8	2.319	3.203	10.2	21.5
5 11	16 39.93	− 5 20.4	2.268	3.213	7.6	21.4
5 21	16 31.59	− 5 8.4	2.244	3.222	5.5	21.2
5 31	16 22.71	− 5 7.1	2.247	3.231	5.2	21.2
6 10	16 14.08	− 5 17.5	2.279	3.239	7.0	21.4
6 20	16 6.41	− 5 39.6	2.336	3.246	9.4	21.5
6 30	16 0.28	− 6 12.6	2.418	3.253	11.9	21.7

283278 2011 HE_{36} 5 29.1 339°.71 0°.5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.59	−16 41.1	1.342	2.185	18.4	19.7
5 1	16 50.22	−18 4.4	1.252	2.168	14.6	19.4
5 11	16 43.44	−19 38.4	1.181	2.153	10.0	19.1
5 21	16 33.70	−21 20.2	1.134	2.138	4.6	18.7
5 31	16 22.12	−23 4.5	1.112	2.125	1.3	18.4
6 10	16 10.29	−24 45.8	1.115	2.113	6.9	18.8
6 20	15 59.89	−26 20.0	1.143	2.103	12.3	19.0
6 30	15 52.35	−27 46.1	1.192	2.094	17.1	19.3

43900 1995 VH_{2} 5 29.1 258°.24 1°.9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.27	−18 19.6	1.833	2.656	15.0	19.3
5 1	16 48.83	−17 59.1	1.731	2.637	11.9	19.0
5 11	16 41.78	−17 35.7	1.650	2.617	8.1	18.7
5 21	16 32.67	−17 10.6	1.594	2.597	3.9	18.4
5 31	16 22.41	−16 45.6	1.565	2.576	2.2	18.3
6 10	16 12.17	−16 23.6	1.563	2.555	6.2	18.5
6 20	16 3.06	−16 7.4	1.586	2.533	10.6	18.7
6 30	15 56.05	−15 59.7	1.633	2.510	14.6	18.9

37090 2000 UB_{72} 5 29.1 237°.11 3°.2/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.99	−29 2.4	1.911	2.717	15.1	18.6
5 1	16 49.41	−29 32.4	1.822	2.714	12.1	18.4
5 11	16 42.14	−29 54.9	1.755	2.710	8.6	18.2
5 21	16 32.80	−30 7.3	1.711	2.706	5.0	18.0
5 31	16 22.39	−30 8.2	1.695	2.702	3.2	17.8
6 10	16 12.15	−29 58.2	1.705	2.697	5.7	18.0
6 20	16 3.20	−29 40.3	1.741	2.693	9.4	18.2
6 30	15 56.49	−29 18.7	1.801	2.689	12.9	18.4

306721 2000 WA_{94} 5 29.1 267°.23 0°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.99	−26 46.1	1.945	2.759	14.6	20.4
5 1	16 47.68	−26 10.2	1.844	2.743	11.6	20.1
5 11	16 40.88	−25 23.2	1.764	2.728	7.9	19.9
5 21	16 32.19	−24 25.4	1.709	2.711	3.8	19.6
5 31	16 22.55	−23 18.9	1.682	2.695	1.0	19.3
6 10	16 13.10	−22 7.7	1.682	2.679	5.2	19.6
6 20	16 4.86	−20 57.4	1.709	2.662	9.5	19.8
6 30	15 58.70	−19 53.3	1.760	2.645	13.3	20.0

203998 2003 TB_{20} 5 29.1 328°.32 5°.0/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.36	−35 36.7	1.783	2.582	16.4	19.5
5 1	16 48.41	−35 45.3	1.696	2.577	13.5	19.3
5 11	16 41.57	−35 38.9	1.629	2.573	10.1	19.1
5 21	16 32.55	−35 14.4	1.585	2.568	6.8	18.9
5 31	16 22.48	−34 31.1	1.566	2.564	5.0	18.7
6 10	16 12.73	−33 31.6	1.572	2.561	6.6	18.8
6 20	16 4.54	−32 21.7	1.604	2.557	10.0	19.0
6 30	15 58.82	−31 8.4	1.659	2.554	13.5	19.2

439642 2014 GE_{37} 5 29.1 324°.08 0°.7/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.01	−19 25.5	1.967	2.793	14.0	21.0
5 1	16 45.26	−19 31.8	1.875	2.783	11.0	20.8
5 11	16 39.23	−19 36.9	1.805	2.774	7.4	20.5
5 21	16 31.45	−19 40.7	1.760	2.764	3.4	20.3
5 31	16 22.75	−19 44.0	1.742	2.755	1.1	20.1
6 10	16 14.16	−19 47.9	1.751	2.746	5.2	20.3
6 20	16 6.63	−19 53.7	1.785	2.738	9.2	20.6
6 30	16 0.96	−20 3.2	1.843	2.730	12.7	20.8

475628 2006 UD_{213} 5 29.1 234°.67 0°.9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.54	−25 17.6	2.639	3.440	11.6	22.4
5 1	16 45.88	−25 16.3	2.536	3.428	9.1	22.2
5 11	16 39.34	−25 9.8	2.457	3.417	6.2	22.0
5 21	16 31.41	−24 57.6	2.404	3.404	3.1	21.8
5 31	16 22.77	−24 40.0	2.379	3.392	1.1	21.6
6 10	16 14.22	−24 18.6	2.384	3.379	4.1	21.8
6 20	16 6.53	−23 55.5	2.416	3.366	7.3	22.0
6 30	16 0.34	−23 33.3	2.474	3.352	10.2	22.1

126603 2002 CP_{136} 5 29.1 57°.71 3°.6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.11	−16 28.6	1.311	2.158	18.5	19.5
5 1	16 48.32	−15 43.0	1.249	2.168	14.4	19.3
5 11	16 41.49	−14 55.5	1.207	2.178	9.8	19.0
5 21	16 32.48	−14 9.6	1.187	2.188	5.3	18.8
5 31	16 22.54	−13 29.8	1.191	2.199	4.0	18.8
6 10	16 13.13	−13 0.5	1.220	2.210	7.9	19.0
6 20	16 5.48	−12 44.6	1.272	2.220	12.4	19.3
6 30	16 0.45	−12 43.4	1.344	2.231	16.5	19.6

355151 2006 VJ_{27} 5 29.1 200°.85 1°.0/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.28	−21 33.3	2.513	3.324	11.8	21.4
5 1	16 44.79	−20 49.7	2.422	3.322	9.2	21.2
5 11	16 38.52	−20 0.6	2.354	3.319	6.1	21.0
5 21	16 30.98	−19 7.7	2.314	3.317	2.8	20.8
5 31	16 22.89	−18 13.2	2.302	3.314	1.3	20.7
6 10	16 15.02	−17 20.3	2.319	3.311	4.5	20.9
6 20	16 8.07	−16 32.1	2.364	3.308	7.7	21.1
6 30	16 2.62	−15 51.3	2.434	3.304	10.6	21.3

233935 2009 VE_{31} 5 29.1 202°.24 2°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.51	−28 32.0	2.171	2.968	13.9	21.4
5 1	16 50.24	−28 58.9	2.078	2.964	11.1	21.2
5 11	16 42.53	−29 19.0	2.007	2.960	7.8	21.0
5 21	16 32.95	−29 30.3	1.961	2.955	4.5	20.8
5 31	16 22.40	−29 31.4	1.943	2.950	2.7	20.7
6 10	16 11.98	−29 23.1	1.953	2.945	5.2	20.8
6 20	16 2.71	−29 7.7	1.990	2.939	8.6	21.0
6 30	15 55.46	−28 49.1	2.051	2.932	11.9	21.2

248337 2005 QL_{71} 5 29.1 253°.98 22°.6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.00	+17 54.9	1.189	1.968	24.0	20.0
5 1	16 48.77	+21 29.0	1.147	1.958	23.0	19.8
5 11	16 42.16	+24 34.1	1.121	1.949	22.6	19.8
5 21	16 32.94	+26 54.1	1.111	1.939	22.9	19.8
5 31	16 22.40	+28 16.6	1.116	1.929	23.8	19.8
6 10	16 12.15	+28 37.4	1.134	1.918	25.3	19.8
6 20	16 3.65	+27 59.8	1.163	1.907	26.9	19.9
6 30	15 58.01	+26 31.9	1.202	1.896	28.5	20.0

312708 2010 PJ_{44} 5 29.1 85°.35 3°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.38	−33 52.8	2.641	3.422	12.1	20.3
5 1	16 45.68	−33 49.8	2.561	3.434	9.7	20.2
5 11	16 39.11	−33 36.5	2.504	3.446	7.1	20.0
5 21	16 31.24	−33 12.0	2.472	3.458	4.5	19.9
5 31	16 22.85	−32 36.5	2.468	3.469	3.2	19.8
6 10	16 14.77	−31 52.2	2.493	3.481	4.5	19.9
6 20	16 7.74	−31 2.4	2.544	3.492	7.1	20.1
6 30	16 2.35	−30 10.9	2.622	3.504	9.6	20.2

230834 2004 PD_{47} 5 29.1 247°.15 0°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.15	−20 59.6	2.098	2.911	13.7	20.9
5 1	16 48.42	−21 0.2	1.996	2.896	10.8	20.7
5 11	16 41.34	−20 57.9	1.916	2.880	7.3	20.4
5 21	16 32.43	−20 52.5	1.861	2.864	3.4	20.2
5 31	16 22.53	−20 44.5	1.834	2.847	0.9	19.9
6 10	16 12.66	−20 35.4	1.835	2.830	5.1	20.2
6 20	16 3.82	−20 27.2	1.863	2.813	9.1	20.4
6 30	15 56.85	−20 22.4	1.915	2.794	12.7	20.6

523112 2016 SX_{51} 5 29.1 218°.06 3°.8/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.92	−33 59.0	2.532	3.313	12.5	21.7
5 1	16 47.18	−34 18.1	2.438	3.309	10.2	21.5
5 11	16 40.32	−34 27.7	2.366	3.305	7.6	21.3
5 21	16 31.89	−34 25.6	2.318	3.301	5.1	21.1
5 31	16 22.69	−34 11.1	2.299	3.296	3.8	21.1
6 10	16 13.65	−33 45.2	2.307	3.291	5.2	21.1
6 20	16 5.65	−33 10.7	2.342	3.287	7.8	21.3
6 30	15 59.39	−32 31.5	2.402	3.282	10.4	21.4

346241 2008 BK_{43} 5 29.1 108°.46 2°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.17	−11 52.9	2.592	3.396	11.7	21.0
5 1	16 46.78	−11 55.2	2.522	3.415	9.1	20.9
5 11	16 39.72	−12 0.6	2.476	3.433	6.3	20.7
5 21	16 31.50	−12 9.8	2.456	3.451	3.6	20.6
5 31	16 22.81	−12 23.8	2.466	3.469	2.8	20.6
6 10	16 14.37	−12 42.8	2.504	3.486	5.0	20.7
6 20	16 6.85	−13 7.1	2.571	3.503	7.7	20.9
6 30	16 0.78	−13 36.5	2.663	3.520	10.3	21.1

200066 2836 P–L 5 29.1 246°.06 1°.2/28.6 18

4 21	16 51.94	−19 3.7	2.287	3.099	12.8	21.6
5 1	16 47.23	−18 47.6	2.182	3.082	10.0	21.4
5 11	16 40.41	−18 28.7	2.100	3.064	6.8	21.2
5 21	16 31.97	−18 7.9	2.044	3.046	3.2	20.9
5 31	16 22.67	−17 46.6	2.016	3.027	1.6	20.7
6 10	16 13.41	−17 26.8	2.016	3.008	5.1	20.9
6 20	16 5.08	−17 10.7	2.044	2.988	8.7	21.1
6 30	15 58.41	−17 0.5	2.096	2.968	12.0	21.3

200979 2002 CD_{120} 5 29.1 36°.73 2°.3/28.5 17

4 21	16 51.20	−18 27.5	1.155	2.012	19.8	20.0
5 1	16 48.02	−18 5.5	1.099	2.023	15.4	19.8
5 11	16 41.50	−17 41.0	1.061	2.035	10.4	19.5
5 21	16 32.55	−17 16.0	1.043	2.048	5.0	19.3
5 31	16 22.56	−16 53.6	1.049	2.061	2.7	19.2
6 10	16 13.18	−16 37.4	1.078	2.074	7.5	19.5
6 20	16 5.74	−16 30.3	1.130	2.089	12.6	19.8
6 30	16 1.19	−16 34.2	1.201	2.104	16.9	20.1

356363 2010 ME_{18} 5 29.1 262°.25 6°.8/31.9 18

4 21	16 54.75	−42 15.3	2.531	3.277	13.4	21.0
5 1	16 49.83	−43 3.6	2.432	3.266	11.5	20.8
5 11	16 42.37	−43 39.5	2.354	3.254	9.5	20.6
5 21	16 32.94	−43 59.0	2.299	3.243	7.7	20.5
5 31	16 22.43	−43 59.2	2.270	3.231	6.8	20.4
6 10	16 12.00	−43 39.9	2.267	3.220	7.4	20.5
6 20	16 2.73	−43 3.9	2.289	3.208	9.2	20.5
6 30	15 55.53	−42 16.0	2.336	3.196	11.4	20.7

224200 2005 RK_{26} 5 29.1 312°.70 0°.3/29.2 17

4 21	16 49.04	−23 23.5	1.407	2.251	17.6	20.9
5 1	16 46.45	−23 16.4	1.311	2.228	14.0	20.6
5 11	16 40.72	−23 2.0	1.234	2.205	9.6	20.3
5 21	16 32.38	−22 39.9	1.179	2.183	4.5	19.9
5 31	16 22.54	−22 11.2	1.148	2.162	1.1	19.6
6 10	16 12.70	−21 39.0	1.142	2.141	6.6	19.9
6 20	16 4.30	−21 7.8	1.158	2.120	12.0	20.2
6 30	15 58.55	−20 42.7	1.195	2.100	16.8	20.4

353173 2009 LZ_{4} 5 29.1 311°.79 4°.4/27.5 17

4 21	16 48.09	− 9 46.3	2.111	2.933	13.3	20.8
5 1	16 44.24	− 9 23.3	2.023	2.924	10.6	20.6
5 11	16 38.38	− 9 4.3	1.957	2.915	7.7	20.4
5 21	16 31.02	− 8 51.9	1.916	2.906	5.1	20.3
5 31	16 22.91	− 8 48.4	1.902	2.898	4.6	20.2
6 10	16 14.93	− 8 55.5	1.914	2.889	6.9	20.3
6 20	16 7.89	− 9 13.8	1.951	2.881	9.9	20.5
6 30	16 2.49	− 9 43.0	2.012	2.873	12.9	20.7

48486 1992 EG_{5} 5 29.1 154°.09 1°.3/28.6 17

4 21	16 54.35	−18 29.1	1.967	2.783	14.4	20.4
5 1	16 49.19	−18 20.9	1.888	2.790	11.2	20.2
5 11	16 41.71	−18 11.0	1.831	2.796	7.5	20.0
5 21	16 32.53	−18 0.1	1.799	2.802	3.5	19.8
5 31	16 22.57	−17 49.4	1.795	2.807	1.7	19.6
6 10	16 12.89	−17 40.7	1.819	2.812	5.4	19.9
6 20	16 4.44	−17 36.0	1.870	2.816	9.3	20.1
6 30	15 57.98	−17 37.0	1.944	2.819	12.7	20.3

17817 1998 FU_{116} 5 29.1 211°.18 0°.6/28.8 18

4 21	16 49.24	−21 47.9	2.552	3.362	11.7	18.0
5 1	16 44.79	−21 18.6	2.459	3.358	9.1	17.8
5 11	16 38.56	−20 44.5	2.389	3.354	6.1	17.6
5 21	16 31.05	−20 6.5	2.346	3.349	2.8	17.4
5 31	16 22.94	−19 26.6	2.331	3.344	1.0	17.2
6 10	16 15.02	−18 47.1	2.346	3.339	4.3	17.5
6 20	16 7.99	−18 10.7	2.388	3.334	7.5	17.6
6 30	16 2.44	−17 40.0	2.455	3.328	10.4	17.8

393196 2013 CE_{180} 5 29.1 141°.89 4°.2/30.4 18

4 21	16 57.66	−34 1.2	2.871	3.633	11.6	21.2
5 1	16 51.43	−35 1.9	2.785	3.642	9.5	21.1
5 11	16 43.10	−35 55.5	2.723	3.652	7.2	20.9
5 21	16 33.18	−36 38.7	2.688	3.661	5.1	20.8
5 31	16 22.43	−37 9.2	2.682	3.669	4.2	20.7
6 10	16 11.77	−37 26.5	2.705	3.678	5.3	20.8
6 20	16 2.06	−37 32.2	2.757	3.685	7.4	21.0
6 30	15 54.02	−37 29.1	2.834	3.693	9.7	21.1

272960 2006 CU_{29} 5 29.1 322°.92 10°.0/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.21	− 0 49.9	1.582	2.409	16.8	20.3
5 1	16 44.19	+ 0 25.2	1.505	2.395	14.2	20.1
5 11	16 38.68	+ 1 30.2	1.447	2.383	11.8	19.9
5 21	16 31.27	+ 2 18.1	1.411	2.370	10.2	19.8
5 31	16 22.88	+ 2 42.5	1.399	2.358	10.4	19.8
6 10	16 14.66	+ 2 39.8	1.409	2.347	12.3	19.8
6 20	16 7.65	+ 2 10.0	1.440	2.336	15.0	20.0
6 30	16 2.70	+ 1 15.7	1.491	2.326	17.9	20.1

431998 2008 UU_{284} 5 29.1 332°.49 5°.3/26.5 17

4 21	16 46.32	−14 43.8	1.491	2.340	16.5	20.5
5 1	16 43.70	−13 18.4	1.408	2.328	13.1	20.2
5 11	16 38.43	−11 48.2	1.347	2.316	9.3	20.0
5 21	16 31.17	−10 18.8	1.309	2.305	6.0	19.8
5 31	16 22.91	− 8 57.3	1.295	2.294	5.8	19.7
6 10	16 14.90	− 7 50.6	1.307	2.285	9.0	19.9
6 20	16 8.22	− 7 3.3	1.341	2.276	13.1	20.1
6 30	16 3.76	− 6 37.7	1.395	2.268	16.8	20.3

466124 2012 EZ_{13} 5 29.1 333°.11 5°.6/27.6 17

4 21	16 49.17	−10 57.6	1.360	2.208	17.9	21.0
5 1	16 46.19	−10 25.1	1.283	2.200	14.3	20.8
5 11	16 40.27	− 9 56.9	1.225	2.192	10.3	20.5
5 21	16 32.08	− 9 37.0	1.189	2.184	6.6	20.3
5 31	16 22.70	− 9 29.6	1.176	2.177	5.8	20.2
6 10	16 13.53	− 9 37.4	1.188	2.171	9.0	20.4
6 20	16 5.83	−10 1.2	1.221	2.165	13.3	20.6
6 30	16 0.60	−10 40.2	1.275	2.160	17.3	20.8

59183 1999 AP_{15} 5 29.1 324°.13 2°.7/29.8 18

4 21	16 48.76	−27 5.8	1.156	2.009	20.1	17.9
5 1	16 46.94	−27 17.9	1.072	1.993	16.1	17.6
5 11	16 41.42	−27 19.3	1.006	1.977	11.3	17.3
5 21	16 32.83	−27 7.7	0.960	1.962	6.0	16.9
5 31	16 22.49	−26 42.2	0.936	1.948	2.8	16.7
6 10	16 12.26	−26 5.7	0.934	1.935	7.4	16.9
6 20	16 3.88	−25 24.2	0.954	1.922	13.1	17.2
6 30	15 58.75	−24 44.8	0.993	1.911	18.2	17.4

184673 2005 SX_{64} 5 29.1 310°.85 4°.3/30.9 18

4 21	16 51.62	−34 11.1	2.225	3.014	13.8	20.2
5 1	16 47.29	−34 36.4	2.135	3.010	11.3	20.0
5 11	16 40.59	−34 51.2	2.066	3.007	8.5	19.8
5 21	16 32.10	−34 53.1	2.021	3.003	5.7	19.7
5 31	16 22.72	−34 40.8	2.003	3.000	4.3	19.6
6 10	16 13.53	−34 15.5	2.012	2.996	5.8	19.7
6 20	16 5.51	−33 40.3	2.047	2.993	8.6	19.8
6 30	15 59.46	−32 59.6	2.106	2.990	11.5	20.0

11177 1998 FH_{77} 5 29.1 180°.21 4°.8/27.0 18

4 21	16 48.45	− 7 54.0	2.360	3.173	12.4	18.0
5 1	16 44.20	− 7 19.9	2.280	3.173	9.9	17.8
5 11	16 38.18	− 6 50.1	2.222	3.173	7.3	17.7
5 21	16 30.90	− 6 27.5	2.190	3.173	5.3	17.5
5 31	16 23.02	− 6 14.6	2.186	3.173	5.0	17.5
6 10	16 15.34	− 6 13.1	2.208	3.173	6.8	17.6
6 20	16 8.54	− 6 23.6	2.256	3.173	9.4	17.8
6 30	16 3.21	− 6 45.6	2.328	3.172	12.0	18.0

403212 2008 TQ_{112} 5 29.1 247°.95 4°.1/30.3 16

4 21	16 57.37	−30 37.9	1.550	2.362	17.8	21.5
5 1	16 52.94	−31 2.6	1.455	2.349	14.5	21.3
5 11	16 45.08	−31 16.8	1.380	2.335	10.5	21.0
5 21	16 34.40	−31 16.6	1.327	2.320	6.3	20.7
5 31	16 22.15	−30 59.4	1.299	2.306	4.1	20.6
6 10	16 9.97	−30 26.5	1.297	2.290	7.0	20.7
6 20	15 59.42	−29 42.9	1.319	2.274	11.5	20.9
6 30	15 51.77	−28 55.6	1.364	2.258	15.8	21.1

272811 2006 AQ_{39} 5 29.1 107°.40 6°.3/27.5 17

4 21	16 52.53	− 4 51.9	1.900	2.713	15.0	20.8
5 1	16 47.70	− 4 27.6	1.832	2.721	12.2	20.6
5 11	16 40.66	− 4 12.1	1.784	2.730	9.2	20.5
5 21	16 32.06	− 4 8.6	1.761	2.738	6.8	20.3
5 31	16 22.76	− 4 19.5	1.763	2.746	6.5	20.3
6 10	16 13.77	− 4 45.5	1.792	2.754	8.4	20.4
6 20	16 5.96	− 5 26.0	1.846	2.762	11.2	20.6
6 30	16 0.04	− 6 19.0	1.923	2.770	14.0	20.8

139055 2001 FT 5 29.1 22°.08 4°.1/28.6 18

4 21	16 51.14	−12 1.9	1.157	2.013	19.8	18.5
5 1	16 48.01	−12 10.9	1.098	2.021	15.7	18.3
5 11	16 41.58	−12 27.5	1.058	2.029	10.8	18.0
5 21	16 32.67	−12 53.4	1.038	2.039	6.0	17.8
5 31	16 22.62	−13 29.2	1.042	2.050	4.3	17.7
6 10	16 13.03	−14 14.6	1.069	2.062	8.2	18.0
6 20	16 5.30	−15 8.1	1.118	2.074	12.9	18.3
6 30	16 0.43	−16 8.2	1.186	2.088	17.2	18.6

253395 2003 NA_{13} 5 29.1 274.°22 2.°6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.00	−28 32.9	1.642	2.458	16.8	21.3
5 1	16 50.92	−28 37.8	1.535	2.433	13.6	21.0
5 11	16 43.65	−28 32.5	1.448	2.408	9.6	20.7
5 21	16 33.76	−28 14.5	1.385	2.383	5.3	20.4
5 31	16 22.31	−27 42.9	1.346	2.357	2.7	20.2
6 10	16 10.79	−26 59.6	1.334	2.330	6.4	20.4
6 20	16 0.65	−26 9.6	1.347	2.304	11.2	20.6
6 30	15 53.12	−25 19.4	1.382	2.276	15.7	20.7

260843 2005 QO_{61} 5 29.1 307.°40 5.°2/26.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.97	−10 4.5	2.049	2.876	13.5	21.5
5 1	16 43.43	− 9 5.4	1.962	2.864	10.8	21.3
5 11	16 37.88	− 8 8.0	1.896	2.854	7.9	21.1
5 21	16 30.84	− 7 15.9	1.856	2.843	5.6	21.0
5 31	16 23.06	− 6 33.4	1.842	2.832	5.5	20.9
6 10	16 15.44	− 6 4.0	1.855	2.822	7.7	21.0
6 20	16 8.78	− 5 49.5	1.892	2.812	10.7	21.2
6 30	16 3.77	− 5 50.6	1.951	2.802	13.7	21.4

353479 2011 ST_{37} 5 29.1 148.°52 2.°3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.13	−28 13.6	2.473	3.269	12.4	21.0
5 1	16 47.27	−28 40.2	2.387	3.273	9.8	20.8
5 11	16 40.36	−29 0.8	2.323	3.276	6.9	20.6
5 21	16 31.95	−29 14.0	2.285	3.279	3.9	20.4
5 31	16 22.81	−29 18.8	2.274	3.282	2.4	20.3
6 10	16 13.82	−29 16.1	2.293	3.285	4.5	20.5
6 20	16 5.83	−29 7.5	2.339	3.287	7.5	20.7
6 30	15 59.52	−28 56.0	2.409	3.290	10.4	20.9

119004 2000 YK_{69} 5 29.1 284.°64 0.°6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.14	−20 52.9	2.281	3.098	12.6	19.9
5 1	16 45.13	−20 41.8	2.176	3.079	9.9	19.7
5 11	16 39.06	−20 27.2	2.093	3.059	6.7	19.4
5 21	16 31.42	−20 9.5	2.036	3.039	3.1	19.2
5 31	16 22.92	−19 49.8	2.007	3.019	1.0	19.0
6 10	16 14.47	−19 30.1	2.005	3.000	4.8	19.2
6 20	16 6.91	−19 12.6	2.030	2.980	8.4	19.4
6 30	16 0.98	−18 59.6	2.079	2.960	11.8	19.6

138785 2000 SA_{351} 5 29.1 158.°65 1.°0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.11	−24 4.5	2.985	3.776	10.6	20.3
5 1	16 47.58	−24 31.8	2.896	3.782	8.3	20.2
5 11	16 40.35	−24 56.1	2.831	3.788	5.6	20.0
5 21	16 31.89	−25 16.5	2.795	3.794	2.8	19.8
5 31	16 22.83	−25 32.3	2.788	3.799	1.1	19.7
6 10	16 13.90	−25 43.9	2.811	3.804	3.7	19.9
6 20	16 5.76	−25 52.1	2.863	3.809	6.5	20.1
6 30	15 58.99	−25 58.6	2.941	3.812	9.0	20.3

425423 2010 DZ 5 29.1 334.°45 2.°6/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.06	−28 21.9	1.734	2.554	15.9	21.0
5 1	16 47.34	−28 34.2	1.649	2.549	12.7	20.8
5 11	16 40.88	−28 37.6	1.584	2.544	8.9	20.5
5 21	16 32.33	−28 30.4	1.542	2.540	4.9	20.3
5 31	16 22.72	−28 12.2	1.526	2.536	2.7	20.1
6 10	16 13.33	−27 44.9	1.536	2.532	5.7	20.3
6 20	16 5.34	−27 12.4	1.571	2.529	9.8	20.5
6 30	15 59.65	−26 39.4	1.629	2.526	13.6	20.8

326955 2004 GU_{11} 5 29.1 340.°86 16.°5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.64	+11 18.2	0.993	1.800	25.9	19.9
5 1	16 56.14	+11 34.9	0.930	1.796	23.0	19.7
5 11	16 47.53	+11 14.4	0.881	1.792	20.0	19.5
5 21	16 35.60	+10 5.4	0.848	1.788	17.5	19.3
5 31	16 21.93	+ 8 1.8	0.834	1.785	16.5	19.2
6 10	16 8.60	+ 5 7.4	0.840	1.783	17.7	19.3
6 20	15 57.46	+ 1 35.5	0.867	1.781	20.6	19.5
6 30	15 49.88	− 2 16.6	0.913	1.780	24.0	19.7

233769 2008 TB_{118} 5 29.1 290.°83 1.°9/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.68	−19 15.2	1.798	2.629	14.9	20.5
5 1	16 46.00	−18 39.7	1.705	2.615	11.7	20.3
5 11	16 39.86	−17 59.4	1.633	2.602	7.9	20.0
5 21	16 31.84	−17 16.2	1.585	2.588	3.9	19.7
5 31	16 22.85	−16 32.9	1.564	2.575	2.3	19.6
6 10	16 14.00	−15 53.4	1.569	2.562	6.2	19.8
6 20	16 6.33	−15 21.1	1.600	2.548	10.4	20.0
6 30	16 0.70	−14 59.1	1.653	2.535	14.2	20.2

191707 2004 RY_{192} 5 29.1 238.°36 5.°7/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.85	−37 41.4	2.246	3.014	14.3	21.3
5 1	16 51.64	−38 17.5	2.143	3.000	12.0	21.1
5 11	16 43.71	−38 42.0	2.062	2.986	9.4	20.9
5 21	16 33.64	−38 50.7	2.004	2.972	6.9	20.7
5 31	16 22.42	−38 41.1	1.973	2.957	5.7	20.6
6 10	16 11.26	−38 13.4	1.968	2.942	6.8	20.6
6 20	16 1.35	−37 31.0	1.990	2.926	9.4	20.7
6 30	15 53.66	−36 39.4	2.036	2.910	12.3	20.9

303998 2006 BT_{194} 5 29.1 41.°40 2.°9/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.90	−17 44.0	1.229	2.081	19.2	21.0
5 1	16 48.48	−17 11.1	1.166	2.088	15.0	20.8
5 11	16 41.82	−16 35.5	1.122	2.095	10.1	20.5
5 21	16 32.77	−15 59.9	1.100	2.103	5.1	20.2
5 31	16 22.66	−15 28.2	1.101	2.111	3.3	20.2
6 10	16 13.06	−15 4.4	1.126	2.119	7.7	20.4
6 20	16 5.30	−14 51.7	1.173	2.128	12.6	20.7
6 30	16 0.32	−14 52.0	1.241	2.137	16.9	21.0

250460 2004 BZ_{57} 5 29.1 187.°53 14.°9/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 11.99	−52 12.8	1.361	2.093	23.5	20.5
5 1	17 6.68	−53 33.4	1.288	2.094	21.2	20.3
5 11	16 55.54	−54 27.4	1.228	2.093	18.7	20.1
5 21	16 39.52	−54 41.5	1.185	2.092	16.4	20.0
5 31	16 21.05	−54 5.0	1.162	2.090	15.0	19.9
6 10	16 3.47	−52 37.4	1.159	2.088	15.1	19.9
6 20	15 49.60	−50 29.0	1.177	2.084	16.8	19.9
6 30	15 41.02	−47 57.2	1.215	2.080	19.3	20.1

128793 2004 RS_{219} 5 29.1 273.°26 6.°2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.51	−37 55.5	1.953	2.732	15.8	20.5
5 1	16 51.05	−38 26.0	1.849	2.713	13.3	20.3
5 11	16 43.58	−38 42.8	1.764	2.694	10.4	20.0
5 21	16 33.67	−38 41.4	1.702	2.674	7.7	19.8
5 31	16 22.42	−38 18.8	1.666	2.654	6.2	19.7
6 10	16 11.22	−37 35.8	1.655	2.633	7.5	19.7
6 20	16 1.43	−36 36.4	1.670	2.613	10.4	19.9
6 30	15 54.15	−35 27.8	1.708	2.592	13.7	20.0

282579 2005 CU_{13} 5 29.1 274.°53 7.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.90	− 2 0.8	1.994	2.803	14.5	20.1
5 1	16 45.75	− 1 18.4	1.910	2.793	12.1	19.9
5 11	16 39.47	− 0 45.0	1.847	2.783	9.6	19.7
5 21	16 31.60	− 0 25.1	1.809	2.773	7.9	19.6
5 31	16 22.93	− 0 22.4	1.795	2.763	7.8	19.5
6 10	16 14.40	− 0 38.8	1.807	2.753	9.5	19.6
6 20	16 6.87	− 1 13.9	1.843	2.743	12.1	19.7
6 30	16 1.08	− 2 5.9	1.901	2.733	14.7	19.9

72109 2000 YF_{55} 5 29.1 294.°15 2.°2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.31	−16 6.3	1.873	2.699	14.6	19.5
5 1	16 47.04	−15 57.4	1.791	2.698	11.5	19.3
5 11	16 40.41	−15 48.9	1.731	2.698	7.8	19.1
5 21	16 32.05	−15 41.8	1.696	2.698	3.9	18.9
5 31	16 22.84	−15 37.8	1.688	2.697	2.5	18.8
6 10	16 13.84	−15 38.5	1.706	2.697	5.9	19.0
6 20	16 6.02	−15 45.1	1.750	2.697	9.8	19.2
6 30	16 0.16	−15 58.9	1.817	2.697	13.2	19.4

129221 2005 OC_{4} 5 29.1 248.°76 3.°3/27.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.37	−16 38.1	1.782	2.611	15.1	20.2
5 1	16 47.24	−15 45.8	1.693	2.602	11.9	19.9
5 11	16 40.64	−14 49.9	1.626	2.592	8.2	19.7
5 21	16 32.19	−13 53.2	1.583	2.583	4.5	19.5
5 31	16 22.80	−12 59.9	1.567	2.573	3.6	19.4
6 10	16 13.61	−12 14.4	1.577	2.563	7.0	19.6
6 20	16 5.65	−11 40.1	1.613	2.552	11.0	19.8
6 30	15 59.74	−11 19.6	1.671	2.542	14.6	20.0

432853 2011 HJ_{68} 5 29.1 337.°75 1.°2/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.21	−18 42.8	1.609	2.446	16.1	20.9
5 1	16 46.69	−18 43.4	1.526	2.440	12.6	20.7
5 11	16 40.46	−18 42.8	1.464	2.435	8.5	20.4
5 21	16 32.16	−18 41.5	1.426	2.430	4.0	20.2
5 31	16 22.80	−18 40.5	1.413	2.425	1.6	20.0
6 10	16 13.62	−18 41.5	1.425	2.421	6.1	20.3
6 20	16 5.77	−18 46.3	1.462	2.417	10.6	20.5
6 30	16 0.19	−18 56.8	1.521	2.414	14.5	20.7

41485 2000 QF_{51} 5 29.1 236.°80 1.°7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.55	−18 41.3	1.721	2.545	15.8	19.6
5 1	16 49.97	−18 24.6	1.627	2.534	12.4	19.3
5 11	16 42.64	−18 5.0	1.555	2.522	8.4	19.0
5 21	16 33.17	−17 43.5	1.507	2.510	4.0	18.8
5 31	16 22.56	−17 22.1	1.485	2.497	2.1	18.6
6 10	16 12.05	−17 3.2	1.491	2.484	6.3	18.8
6 20	16 2.83	−16 49.8	1.521	2.470	10.8	19.1
6 30	15 55.87	−16 44.5	1.574	2.455	14.8	19.3

231342 2006 EL_{25} 5 29.1 223.°24 1.°0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.61	−20 10.4	2.043	2.862	13.8	21.7
5 1	16 47.15	−19 53.1	1.953	2.857	10.8	21.5
5 11	16 40.44	−19 32.1	1.885	2.851	7.3	21.3
5 21	16 32.06	−19 8.3	1.843	2.846	3.4	21.0
5 31	16 22.84	−18 43.3	1.827	2.840	1.4	20.9
6 10	16 13.81	−18 19.6	1.840	2.833	5.2	21.1
6 20	16 5.88	−17 59.6	1.878	2.827	9.1	21.3
6 30	15 59.81	−17 45.8	1.941	2.820	12.5	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
318544 2005 GP_5			5 29.1	24°.92	1°.8/29.4	17
	h m	° ′			°	m
4 21	16 52.28	−23 9.3	1.164	2.016	20.0	19.9
5 1	16 49.22	−23 50.6	1.104	2.025	15.8	19.6
5 11	16 42.59	−24 28.2	1.062	2.034	10.7	19.3
5 21	16 33.23	−24 59.3	1.041	2.044	5.3	19.1
5 31	16 22.57	−25 21.9	1.043	2.056	2.0	18.9
6 10	16 12.40	−25 36.4	1.068	2.068	6.9	19.2
6 20	16 4.24	−25 45.4	1.116	2.081	12.0	19.6
6 30	15 59.18	−25 52.8	1.184	2.095	16.5	19.9
250899 2005 VP_{86}			5 29.1	313°.11	0°.8/29.5	17
4 21	16 48.83	−24 52.9	2.201	3.016	13.1	20.9
5 1	16 44.92	−24 46.0	2.109	3.010	10.3	20.7
5 11	16 38.91	−24 33.1	2.040	3.003	7.0	20.5
5 21	16 31.34	−24 14.0	1.995	2.997	3.4	20.2
5 31	16 23.02	−23 49.5	1.978	2.991	1.0	20.0
6 10	16 14.86	−23 21.8	1.988	2.985	4.5	20.3
6 20	16 7.72	−22 53.6	2.025	2.979	8.2	20.5
6 30	16 2.32	−22 28.0	2.086	2.973	11.4	20.7
408228 2013 ED_{95}			5 29.1	299°.02	2°.8/29.8	16
4 21	16 53.23	−26 42.3	1.300	2.138	19.1	21.9
5 1	16 50.14	−27 7.5	1.213	2.125	15.3	21.6
5 11	16 43.44	−27 25.0	1.145	2.112	10.8	21.3
5 21	16 33.78	−27 31.8	1.098	2.099	5.8	21.0
5 31	16 22.41	−27 26.1	1.075	2.086	2.9	20.8
6 10	16 11.10	−27 9.0	1.075	2.073	7.1	21.0
6 20	16 1.55	−26 44.9	1.098	2.061	12.4	21.2
6 30	15 55.08	−26 19.8	1.142	2.049	17.2	21.5
506584 2005 WO_{17}			5 29.1	273°.52	0°.5/28.9	17
4 21	16 52.19	−21 48.6	1.835	2.658	15.0	22.0
5 1	16 48.10	−21 31.6	1.731	2.637	11.9	21.7
5 11	16 41.41	−21 8.9	1.649	2.616	8.0	21.4
5 21	16 32.63	−20 40.9	1.591	2.594	3.7	21.1
5 31	16 22.71	−20 9.2	1.559	2.572	1.1	20.9
6 10	16 12.80	−19 36.5	1.555	2.550	5.7	21.1
6 20	16 4.04	−19 6.5	1.576	2.528	10.2	21.4
6 30	15 57.38	−18 42.7	1.620	2.505	14.2	21.5
334735 2003 OM_{16}			5 29.1	252°.72	0°.1/29.1	18
4 21	16 51.99	−24 21.9	2.171	2.981	13.4	21.1
5 1	16 47.44	−23 48.1	2.066	2.965	10.6	20.9
5 11	16 40.65	−23 6.1	1.985	2.949	7.2	20.7
5 21	16 32.17	−22 16.6	1.929	2.932	3.3	20.4
5 31	16 22.84	−21 21.3	1.901	2.914	0.8	20.2
6 10	16 13.64	−20 24.0	1.901	2.897	4.9	20.4
6 20	16 5.49	−19 28.5	1.929	2.879	8.8	20.6
6 30	15 59.17	−18 39.2	1.981	2.860	12.3	20.8
122992 2000 SN_{247}			5 29.1	356°.47	5°.7/27.7	17
4 21	16 50.47	−11 24.4	1.239	2.092	19.0	18.5
5 1	16 47.41	−10 49.6	1.171	2.090	15.2	18.3
5 11	16 41.20	−10 19.2	1.120	2.088	10.8	18.0
5 21	16 32.57	− 9 57.4	1.091	2.087	6.8	17.8
5 31	16 22.75	− 9 48.5	1.085	2.087	5.9	17.7
6 10	16 13.26	− 9 55.4	1.102	2.087	9.3	17.9
6 20	16 5.45	−10 18.8	1.141	2.088	13.7	18.2
6 30	16 0.32	−10 57.6	1.199	2.089	17.9	18.4
163417 2002 RC_{40}			5 29.1	246°.45	2°.5/28.1	18
4 21	16 50.25	−15 35.1	2.182	3.001	13.1	20.0
5 1	16 45.94	−15 13.8	2.088	2.991	10.3	19.8
5 11	16 39.57	−14 52.2	2.017	2.982	7.0	19.6
5 21	16 31.66	−14 31.8	1.972	2.972	3.7	19.4
5 31	16 22.97	−14 14.6	1.955	2.962	2.7	19.3
6 10	16 14.40	−14 2.7	1.965	2.952	5.6	19.5
6 20	16 6.80	−13 57.6	2.001	2.942	9.1	19.7
6 30	16 0.86	−14 0.8	2.061	2.931	12.3	19.8
56901 2000 QR_{162}			5 29.1	290°.13	4°.8/26.7	17
4 21	16 47.61	−10 30.8	2.130	2.953	13.2	19.5
5 1	16 43.85	− 9 34.8	2.043	2.944	10.5	19.3
5 11	16 38.14	− 8 40.1	1.978	2.935	7.7	19.1
5 21	16 30.99	− 7 50.5	1.939	2.927	5.3	18.9
5 31	16 23.14	− 7 9.6	1.926	2.918	5.1	18.9
6 10	16 15.45	− 6 40.7	1.941	2.909	7.3	19.0
6 20	16 8.70	− 6 25.7	1.980	2.900	10.3	19.2
6 30	16 3.57	− 6 25.2	2.042	2.892	13.2	19.3
507770 2013 YT_{107}			5 29.1	249°.62	1°.6/29.7	17
4 21	16 52.61	−26 44.8	1.923	2.736	14.8	21.8
5 1	16 48.27	−26 42.3	1.830	2.728	11.7	21.6
5 11	16 41.39	−26 31.7	1.758	2.720	8.1	21.4
5 21	16 32.57	−26 12.2	1.711	2.711	4.1	21.1
5 31	16 22.78	−25 44.2	1.690	2.702	1.7	20.9
6 10	16 13.16	−25 9.8	1.697	2.694	5.2	21.1
6 20	16 4.78	−24 32.9	1.730	2.684	9.3	21.4
6 30	15 58.51	−23 57.7	1.786	2.675	12.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
522790 2016 NJ_{78}			5 29.1	354°.00	4°.2/30.3	17
	h m	° ′			°	m
4 21	16 51.91	−30 23.6	1.643	2.461	16.7	21.6
5 1	16 48.30	−31 2.1	1.562	2.458	13.5	21.4
5 11	16 41.71	−31 31.5	1.501	2.456	9.8	21.2
5 21	16 32.81	−31 48.5	1.462	2.455	6.1	20.9
5 31	16 22.72	−31 51.1	1.449	2.454	4.2	20.8
6 10	16 12.83	−31 40.0	1.461	2.453	6.5	21.0
6 20	16 4.46	−31 18.6	1.497	2.453	10.3	21.2
6 30	15 58.60	−30 52.2	1.555	2.453	14.0	21.4
64363 2001 UV_{99}			5 29.1	28°.17	2°.6/28.4	18
4 21	16 51.36	−17 48.5	1.177	2.033	19.6	19.2
5 1	16 48.25	−17 24.4	1.114	2.038	15.4	18.9
5 11	16 41.80	−16 58.0	1.069	2.043	10.4	18.7
5 21	16 32.84	−16 31.7	1.045	2.049	5.1	18.4
5 31	16 22.73	−16 8.8	1.045	2.056	3.0	18.3
6 10	16 13.10	−15 53.0	1.068	2.063	7.7	18.6
6 20	16 5.36	−15 47.2	1.113	2.071	12.8	18.9
6 30	16 0.49	−15 53.1	1.177	2.079	17.3	19.2
89813 2002 AR_{181}			5 29.1	92°.47	7°.6/31.9	18
4 21	16 58.34	−40 0.5	1.802	2.576	17.1	18.8
5 1	16 53.32	−40 54.0	1.729	2.585	14.4	18.7
5 11	16 45.04	−41 32.0	1.676	2.595	11.5	18.5
5 21	16 34.30	−41 49.0	1.644	2.604	8.9	18.4
5 31	16 22.39	−41 41.6	1.637	2.614	7.6	18.3
6 10	16 10.89	−41 10.9	1.656	2.623	8.5	18.4
6 20	16 1.20	−40 22.0	1.698	2.632	10.9	18.5
6 30	15 54.32	−39 22.2	1.764	2.641	13.7	18.7
323351 2003 UV_{332}			5 29.1	222°.71	2°.1/29.9	17
4 21	16 56.24	−27 32.4	1.869	2.676	15.4	21.8
5 1	16 51.27	−27 40.7	1.774	2.667	12.3	21.6
5 11	16 43.51	−27 40.8	1.699	2.658	8.6	21.4
5 21	16 33.60	−27 31.1	1.650	2.648	4.6	21.1
5 31	16 22.54	−27 10.9	1.627	2.637	2.2	20.9
6 10	16 11.63	−26 42.1	1.631	2.626	5.6	21.1
6 20	16 2.04	−26 8.3	1.662	2.615	9.7	21.3
6 30	15 54.76	−25 34.5	1.716	2.602	13.5	21.5
510924 2013 EJ_{34}			5 29.1	171°.33	9°.8/ 4.3	18
4 21	17 4.02	−56 24.0	2.834	3.481	14.1	22.0
5 1	16 57.51	−57 21.3	2.751	3.483	12.8	21.9
5 11	16 47.76	−58 1.0	2.685	3.485	11.6	21.8
5 21	16 35.53	−58 17.5	2.641	3.486	10.5	21.7
5 31	16 22.11	−58 7.2	2.618	3.488	9.9	21.6
6 10	16 9.08	−57 30.0	2.619	3.489	9.9	21.6
6 20	15 57.85	−56 29.3	2.644	3.489	10.6	21.7
6 30	15 49.42	−55 11.3	2.690	3.490	11.8	21.8
413899 2006 WN_5			5 29.1	292°.97	1°.5/28.3	15
4 21	16 45.41	−17 10.4	3.131	3.942	9.7	22.0
5 1	16 41.65	−16 50.9	3.019	3.918	7.6	21.8
5 11	16 36.45	−16 30.1	2.931	3.894	5.1	21.6
5 21	16 30.20	−16 9.0	2.870	3.870	2.6	21.4
5 31	16 23.38	−15 49.0	2.837	3.846	1.7	21.3
6 10	16 16.59	−15 31.6	2.834	3.822	4.0	21.4
6 20	16 10.39	−15 18.3	2.858	3.798	6.7	21.6
6 30	16 5.28	−15 10.3	2.907	3.773	9.2	21.7
134615 1999 TC_{232}			5 29.1	289°.40	5°.4/27.4	18
4 21	16 50.88	−11 29.7	1.493	2.332	17.0	19.9
5 1	16 47.42	−10 47.4	1.405	2.317	13.6	19.6
5 11	16 41.12	−10 7.1	1.338	2.302	9.8	19.4
5 21	16 32.57	− 9 33.0	1.293	2.287	6.4	19.1
5 31	16 22.81	− 9 9.4	1.273	2.272	5.7	19.1
6 10	16 13.13	− 9 0.2	1.277	2.257	8.9	19.2
6 20	16 4.79	− 9 7.3	1.304	2.243	13.1	19.4
6 30	15 58.79	− 9 30.9	1.352	2.228	17.1	19.6
510502 2011 YD_{78}			5 29.1	208°.51	2°.5/27.9	18
4 21	16 48.77	−13 30.4	2.935	3.741	10.4	22.6
5 1	16 44.20	−13 10.5	2.840	3.735	8.1	22.4
5 11	16 38.11	−12 51.4	2.770	3.729	5.6	22.2
5 21	16 30.93	−12 34.5	2.726	3.722	3.3	22.1
5 31	16 23.22	−12 21.3	2.712	3.715	2.7	22.0
6 10	16 15.61	−12 13.3	2.726	3.707	4.7	22.1
6 20	16 8.71	−12 11.3	2.769	3.699	7.3	22.3
6 30	16 3.02	−12 16.3	2.836	3.691	9.8	22.4
431123 2006 JD_{81}			5 29.1	42°.68	5°.8/28.9	16
4 21	16 57.34	− 3 42.0	1.722	2.529	16.5	20.0
5 1	16 51.76	− 4 10.9	1.651	2.538	13.4	19.8
5 11	16 43.61	− 4 53.7	1.600	2.547	9.9	19.6
5 21	16 33.56	− 5 51.7	1.574	2.557	6.9	19.4
5 31	16 22.63	− 7 4.6	1.574	2.567	5.9	19.4
6 10	16 11.99	− 8 30.1	1.603	2.578	8.0	19.5
6 20	16 2.72	−10 4.6	1.657	2.588	11.3	19.8
6 30	15 55.64	−11 44.5	1.736	2.599	14.5	20.0

132565 2002 JK_{99} 5 29.1 265°.51 7°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.72	− 1 5.7	2.001	2.806	14.6	19.8
5 1	16 46.44	− 0 21.0	1.913	2.792	12.2	19.6
5 11	16 40.00	+ 0 14.1	1.847	2.779	9.9	19.4
5 21	16 31.92	+ 0 35.2	1.805	2.765	8.2	19.3
5 31	16 22.99	+ 0 38.1	1.787	2.751	8.2	19.2
6 10	16 14.16	+ 0 21.0	1.796	2.737	9.8	19.3
6 20	16 6.32	− 0 15.9	1.828	2.723	12.4	19.4
6 30	16 0.22	− 1 10.7	1.882	2.708	15.1	19.6

370114 2001 UY_{59} 5 29.1 137°.73 0°.7/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.59	−24 57.7	2.096	2.902	14.0	21.7
5 1	16 49.32	−24 46.7	2.018	2.913	10.9	21.5
5 11	16 41.79	−24 29.0	1.963	2.924	7.4	21.3
5 21	16 32.67	−24 4.6	1.933	2.935	3.5	21.1
5 31	16 22.85	−23 34.6	1.931	2.944	0.9	20.9
6 10	16 13.39	−23 1.3	1.958	2.953	4.7	21.2
6 20	16 5.17	−22 28.1	2.011	2.962	8.4	21.5
6 30	15 58.91	−21 58.3	2.089	2.970	11.7	21.7

270316 2001 XG_{15} 5 29.1 149°.54 7°.5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.74	−42 25.7	2.099	2.849	15.7	20.6
5 1	16 54.09	−43 11.6	2.019	2.856	13.4	20.5
5 11	16 45.42	−43 41.9	1.958	2.862	10.9	20.3
5 21	16 34.46	−43 51.5	1.920	2.868	8.7	20.2
5 31	16 22.42	−43 37.6	1.907	2.873	7.5	20.1
6 10	16 10.75	−43 1.0	1.920	2.878	8.2	20.2
6 20	16 0.72	−42 6.2	1.958	2.882	10.2	20.3
6 30	15 53.29	−41 0.1	2.020	2.887	12.6	20.5

302223 2001 VU_{31} 5 29.1 206°.34 0°.5/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.73	−23 11.8	1.767	2.584	15.7	21.3
5 1	16 50.77	−22 37.6	1.677	2.580	12.4	21.0
5 11	16 43.10	−21 55.1	1.609	2.575	8.3	20.8
5 21	16 33.39	−21 5.3	1.565	2.569	3.8	20.5
5 31	16 22.69	−20 10.5	1.549	2.562	1.1	20.3
6 10	16 12.26	−19 15.0	1.560	2.555	5.8	20.6
6 20	16 3.22	−18 23.7	1.597	2.547	10.3	20.8
6 30	15 56.47	−17 40.9	1.657	2.538	14.2	21.0

393067 2013 AV_{81} 5 29.1 310°.79 3°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.98	−32 53.7	2.147	2.942	14.0	20.8
5 1	16 46.86	−33 2.1	2.055	2.937	11.4	20.6
5 11	16 40.37	−32 59.7	1.984	2.931	8.3	20.4
5 21	16 32.11	−32 44.4	1.938	2.926	5.3	20.2
5 31	16 22.98	−32 15.9	1.918	2.920	3.6	20.1
6 10	16 14.07	−31 36.1	1.925	2.915	5.4	20.2
6 20	16 6.35	−30 48.6	1.958	2.910	8.6	20.4
6 30	16 0.61	−29 58.3	2.016	2.905	11.7	20.6

507916 2014 WH_{429} 5 29.1 91°.10 0°.1/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.87	−19 30.0	1.902	2.717	14.9	20.9
5 1	16 50.52	−19 59.8	1.831	2.732	11.6	20.7
5 11	16 42.73	−20 29.0	1.782	2.747	7.8	20.5
5 21	16 33.15	−20 56.8	1.758	2.761	3.5	20.3
5 31	16 22.76	−21 22.2	1.762	2.776	0.8	20.1
6 10	16 12.67	−21 45.3	1.794	2.790	5.1	20.4
6 20	16 3.90	−22 7.0	1.853	2.804	9.0	20.7
6 30	15 57.22	−22 28.9	1.936	2.818	12.4	20.9

480097 2015 EC_{64} 5 29.1 7°.15 8°.6/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.94	− 1 56.5	1.678	2.500	16.2	20.4
5 1	16 45.30	− 1 4.5	1.610	2.500	13.5	20.2
5 11	16 39.31	− 0 23.2	1.562	2.501	10.8	20.0
5 21	16 31.61	+ 0 1.9	1.537	2.502	8.9	19.9
5 31	16 23.12	+ 0 6.6	1.535	2.504	8.8	19.9
6 10	16 14.90	− 0 11.0	1.558	2.506	10.6	20.0
6 20	16 7.91	− 0 50.0	1.603	2.508	13.2	20.2
6 30	16 2.90	− 1 47.6	1.669	2.511	16.0	20.4

172615 2003 WB_{132} 5 29.1 97°.95 0°.3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.48	−20 34.5	1.548	2.379	17.0	20.2
5 1	16 50.13	−20 46.0	1.472	2.381	13.3	20.0
5 11	16 42.85	−20 55.2	1.415	2.383	9.0	19.7
5 21	16 33.34	−21 1.5	1.382	2.385	4.1	19.5
5 31	16 22.71	−21 5.2	1.374	2.388	1.0	19.2
6 10	16 12.36	−21 7.4	1.393	2.390	6.0	19.6
6 20	16 3.54	−21 10.3	1.436	2.392	10.7	19.9
6 30	15 57.20	−21 16.5	1.501	2.394	14.7	20.1

58416 1996 BT_{1} 5 29.1 145°.13 2°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.61	−27 30.5	1.658	2.469	16.9	19.7
5 1	16 53.25	−27 47.8	1.582	2.478	13.4	19.4
5 11	16 44.86	−27 56.9	1.527	2.486	9.3	19.2
5 21	16 34.22	−27 55.2	1.495	2.493	5.0	19.0
5 31	16 22.52	−27 42.2	1.490	2.500	2.5	18.8
6 10	16 11.21	−27 19.7	1.512	2.507	5.9	19.1
6 20	16 1.56	−26 51.7	1.559	2.513	10.2	19.3
6 30	15 54.51	−26 23.4	1.629	2.518	14.0	19.6

418165 2008 AW_{133} 5 29.1 208°.84 0°.3/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.10	−22 4.2	1.932	2.746	14.7	22.7
5 1	16 50.09	−21 52.7	1.840	2.741	11.6	22.5
5 11	16 42.58	−21 36.1	1.770	2.735	7.8	22.3
5 21	16 33.15	−21 14.7	1.725	2.728	3.6	22.0
5 31	16 22.77	−20 49.5	1.707	2.721	0.9	21.8
6 10	16 12.56	−20 23.0	1.717	2.713	5.3	22.1
6 20	16 3.57	−19 58.3	1.754	2.704	9.5	22.3
6 30	15 56.67	−19 38.5	1.814	2.695	13.2	22.5

384401 2009 WK_{43} 5 29.1 231°.24 2°.6/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.77	−15 19.2	2.193	3.006	13.2	21.8
5 1	16 47.95	−14 57.4	2.094	2.994	10.4	21.5
5 11	16 40.99	−14 35.2	2.018	2.981	7.1	21.3
5 21	16 32.41	−14 14.2	1.968	2.967	3.9	21.1
5 31	16 22.96	−13 56.4	1.946	2.953	2.8	21.0
6 10	16 13.60	−13 43.8	1.952	2.938	5.8	21.2
6 20	16 5.19	−13 38.3	1.985	2.923	9.3	21.3
6 30	15 58.50	−13 41.2	2.041	2.906	12.6	21.5

395954 2013 AA_{135} 5 29.1 242°.58 5°.2/26.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.77	− 6 31.4	2.474	3.284	12.0	21.4
5 1	16 43.69	− 5 50.5	2.388	3.278	9.7	21.2
5 11	16 37.91	− 5 14.2	2.326	3.272	7.3	21.0
5 21	16 30.91	− 4 45.4	2.289	3.266	5.5	20.9
5 31	16 23.32	− 4 27.1	2.279	3.260	5.4	20.9
6 10	16 15.87	− 4 21.1	2.296	3.254	7.1	21.0
6 20	16 9.23	− 4 28.1	2.339	3.247	9.5	21.1
6 30	16 3.96	− 4 47.8	2.405	3.241	11.9	21.3

394673 2008 CX_{46} 5 29.1 178°.90 1°.3/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.08	−18 41.3	2.608	3.419	11.4	22.3
5 1	16 44.65	−18 18.2	2.520	3.420	8.9	22.1
5 11	16 38.51	−17 52.8	2.456	3.421	5.9	21.9
5 21	16 31.17	−17 26.3	2.419	3.421	2.9	21.7
5 31	16 23.27	−17 0.2	2.410	3.421	1.6	21.6
6 10	16 15.54	−16 36.6	2.430	3.421	4.4	21.8
6 20	16 8.67	−16 17.3	2.477	3.420	7.5	22.0
6 30	16 3.21	−16 3.9	2.550	3.419	10.2	22.2

191057 2002 CD_{100} 5 29.1 255°.43 8°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.93	− 2 13.2	1.900	2.712	15.0	20.2
5 1	16 45.87	− 1 12.0	1.822	2.706	12.5	20.0
5 11	16 39.63	− 0 19.1	1.765	2.700	10.0	19.8
5 21	16 31.78	+ 0 20.1	1.731	2.693	8.3	19.7
5 31	16 23.13	+ 0 41.2	1.723	2.687	8.4	19.7
6 10	16 14.67	+ 0 41.5	1.739	2.680	10.1	19.8
6 20	16 7.28	+ 0 20.7	1.779	2.673	12.7	19.9
6 30	16 1.70	− 0 19.3	1.840	2.666	15.4	20.1

140683 2001 UH_{54} 5 29.1 154°.32 6°.9/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.73	−41 41.4	2.157	2.908	15.3	20.4
5 1	16 53.91	−42 14.3	2.075	2.915	13.0	20.3
5 11	16 45.20	−42 31.6	2.013	2.921	10.4	20.1
5 21	16 34.36	−42 29.0	1.974	2.927	8.1	20.0
5 31	16 22.55	−42 4.1	1.960	2.933	6.9	19.9
6 10	16 11.14	−41 18.3	1.974	2.938	7.6	20.0
6 20	16 1.33	−40 16.5	2.013	2.942	9.7	20.1
6 30	15 54.02	−39 5.4	2.076	2.946	12.2	20.3

367104 2006 RM_{21} 5 29.1 258°.94 0°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.90	−21 13.8	1.798	2.620	15.3	22.0
5 1	16 49.52	−21 0.4	1.697	2.601	12.1	21.8
5 11	16 42.45	−20 42.1	1.616	2.582	8.2	21.5
5 21	16 33.22	−20 19.2	1.560	2.563	3.8	21.2
5 31	16 22.78	−19 53.1	1.530	2.543	1.2	20.9
6 10	16 12.37	−19 26.3	1.527	2.522	5.9	21.2
6 20	16 3.14	−19 2.2	1.550	2.501	10.4	21.4
6 30	15 56.10	−18 44.3	1.596	2.480	14.5	21.6

210467 1995 HW_{3} 5 29.2 343°.45 2°.8/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.76	−17 15.3	1.156	2.019	19.4	20.2
5 1	16 45.75	−16 56.3	1.082	2.010	15.3	19.9
5 11	16 40.40	−16 35.6	1.026	2.002	10.5	19.6
5 21	16 32.39	−16 15.9	0.991	1.995	5.3	19.3
5 31	16 22.99	−16 0.2	0.978	1.989	3.2	19.2
6 10	16 13.82	−15 51.9	0.987	1.984	8.0	19.4
6 20	16 6.38	−15 53.8	1.018	1.980	13.3	19.7
6 30	16 1.80	−16 7.6	1.068	1.977	18.0	20.0

49442 1998 YD_{7} 5 29.2 138°.07 0°.6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.01	−23 58.9	2.309	3.117	12.8	18.2
5 1	16 47.19	−23 57.5	2.228	3.124	10.0	18.1
5 11	16 40.35	−23 51.2	2.169	3.131	6.8	17.9
5 21	16 32.05	−23 39.8	2.136	3.138	3.2	17.6
5 31	16 23.10	−23 23.8	2.131	3.144	0.8	17.5
6 10	16 14.39	−23 5.1	2.154	3.150	4.3	17.7
6 20	16 6.74	−22 45.8	2.205	3.156	7.8	18.0
6 30	16 0.80	−22 28.7	2.281	3.162	10.8	18.2

91126 1998 HZ_{120} 5 29.2 88°.48 0°.6/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.62	−18 23.5	1.837	2.655	15.2	18.9
5 1	16 50.43	−18 50.8	1.765	2.668	11.8	18.7
5 11	16 42.75	−19 18.6	1.715	2.680	7.9	18.5
5 21	16 33.22	−19 45.9	1.690	2.693	3.6	18.2
5 31	16 22.84	−20 12.2	1.692	2.705	1.0	18.1
6 10	16 12.76	−20 37.5	1.722	2.717	5.3	18.4
6 20	16 4.00	−21 2.5	1.778	2.729	9.3	18.6
6 30	15 57.38	−21 28.3	1.858	2.741	12.8	18.9

120148 2003 GO_{51} 5 29.2 93°.18 0°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.46	−21 0.1	1.777	2.600	15.4	19.9
5 1	16 48.90	−21 5.9	1.701	2.607	12.0	19.7
5 11	16 41.79	−21 8.6	1.648	2.614	8.1	19.4
5 21	16 32.80	−21 8.3	1.618	2.621	3.7	19.2
5 31	16 22.94	−21 5.2	1.615	2.628	0.9	19.0
6 10	16 13.38	−21 1.1	1.639	2.635	5.4	19.3
6 20	16 5.17	−20 57.9	1.689	2.642	9.5	19.6
6 30	15 59.13	−20 58.0	1.761	2.649	13.2	19.8

88194 2000 YE_{45} 5 29.2 177°.02 2°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.42	−13 28.2	2.790	3.597	10.8	19.6
5 1	16 44.78	−13 19.5	2.703	3.599	8.5	19.4
5 11	16 38.56	−13 12.4	2.640	3.600	5.8	19.3
5 21	16 31.20	−13 7.9	2.603	3.600	3.3	19.1
5 31	16 23.31	−13 7.1	2.596	3.601	2.5	19.0
6 10	16 15.57	−13 11.1	2.617	3.601	4.7	19.2
6 20	16 8.58	−13 20.6	2.666	3.600	7.4	19.3
6 30	16 2.88	−13 36.1	2.740	3.600	9.9	19.5

133512 2003 SY_{298} 5 29.2 81°.59 4°.4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.80	−35 32.4	1.956	2.745	15.4	19.4
5 1	16 49.25	−35 28.9	1.871	2.747	12.6	19.2
5 11	16 42.05	−35 10.6	1.806	2.748	9.4	19.0
5 21	16 32.92	−34 35.5	1.765	2.749	6.2	18.8
5 31	16 22.93	−33 43.4	1.750	2.750	4.4	18.7
6 10	16 13.33	−32 37.4	1.763	2.752	6.0	18.8
6 20	16 5.19	−31 23.2	1.801	2.753	9.2	19.0
6 30	15 59.33	−30 7.3	1.863	2.754	12.4	19.2

43814 1991 UE_{1} 5 29.2 200°.51 0°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.63	−24 34.5	2.169	2.972	13.7	20.1
5 1	16 50.28	−24 32.7	2.074	2.968	10.8	19.9
5 11	16 42.61	−24 25.1	2.002	2.963	7.3	19.7
5 21	16 33.17	−24 11.1	1.956	2.957	3.5	19.5
5 31	16 22.86	−23 51.0	1.938	2.951	1.0	19.2
6 10	16 12.71	−23 26.7	1.948	2.944	4.8	19.5
6 20	16 3.70	−23 1.0	1.986	2.936	8.6	19.7
6 30	15 56.60	−22 37.3	2.048	2.927	12.0	19.9

506655 2006 SZ_{142} 5 29.2 183°.48 2°.9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.96	−14 41.6	2.447	3.262	11.9	21.9
5 1	16 44.63	−13 58.3	2.362	3.263	9.3	21.8
5 11	16 38.55	−13 14.1	2.301	3.263	6.5	21.6
5 21	16 31.22	−12 31.5	2.266	3.262	3.7	21.4
5 31	16 23.33	−11 53.0	2.259	3.262	3.2	21.4
6 10	16 15.63	−11 21.3	2.280	3.261	5.5	21.5
6 20	16 8.82	−10 58.5	2.328	3.260	8.5	21.7
6 30	16 3.47	−10 45.6	2.401	3.258	11.2	21.9

196647 2003 SL_{25} 5 29.2 347°.66 1°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.84	−20 41.4	1.764	2.595	15.2	19.5
5 1	16 46.12	−20 11.0	1.682	2.593	11.9	19.3
5 11	16 39.96	−19 35.4	1.622	2.591	8.0	19.1
5 21	16 31.98	−18 56.2	1.586	2.590	3.7	18.8
5 31	16 23.15	−18 15.8	1.576	2.588	1.7	18.7
6 10	16 14.59	−17 38.0	1.593	2.587	5.8	18.9
6 20	16 7.30	−17 6.1	1.635	2.587	9.9	19.2
6 30	16 2.07	−16 43.1	1.699	2.586	13.6	19.4

186325 2002 DC_{9} 5 29.2 61°.70 0°.7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.21	−18 10.1	2.120	2.935	13.6	20.3
5 1	16 48.12	−18 32.1	2.057	2.957	10.5	20.1
5 11	16 40.94	−18 54.2	2.016	2.980	7.0	19.9
5 21	16 32.32	−19 15.7	2.000	3.003	3.2	19.7
5 31	16 23.09	−19 36.7	2.013	3.026	1.1	19.6
6 10	16 14.20	−19 57.3	2.054	3.049	4.7	19.9
6 20	16 6.47	−20 18.2	2.123	3.072	8.1	20.1
6 30	16 0.54	−20 40.5	2.216	3.095	11.2	20.4

35064 1988 RE_{10} 5 29.2 292°.92 2°.1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.96	−18 12.7	1.688	2.520	15.7	19.1
5 1	16 47.43	−17 49.8	1.583	2.495	12.4	18.8
5 11	16 41.18	−17 23.6	1.500	2.469	8.5	18.5
5 21	16 32.71	−16 55.5	1.440	2.443	4.2	18.2
5 31	16 22.95	−16 28.0	1.406	2.416	2.5	18.0
6 10	16 13.13	−16 4.2	1.397	2.390	6.6	18.2
6 20	16 4.45	−15 47.3	1.413	2.364	11.3	18.4
6 30	15 57.95	−15 40.1	1.451	2.338	15.5	18.6

507022 2008 UM_{73} 5 29.2 213°.53 3°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.86	−32 1.9	2.336	3.120	13.4	21.7
5 1	16 50.59	−32 40.2	2.240	3.114	10.9	21.5
5 11	16 42.91	−33 10.7	2.165	3.108	8.0	21.3
5 21	16 33.37	−33 30.6	2.116	3.101	5.2	21.1
5 31	16 22.83	−33 37.9	2.094	3.093	3.9	21.0
6 10	16 12.36	−33 32.7	2.101	3.086	5.5	21.1
6 20	16 2.97	−33 17.3	2.134	3.077	8.5	21.3
6 30	15 55.53	−32 55.6	2.192	3.069	11.4	21.4

71627 2000 EY_{66} 5 29.2 185°.19 5°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.17	− 3 26.8	2.990	3.787	10.4	20.2
5 1	16 42.12	− 2 31.6	2.910	3.787	8.6	20.1
5 11	16 36.70	− 1 41.3	2.855	3.787	6.8	20.0
5 21	16 30.34	− 0 59.2	2.825	3.786	5.6	19.9
5 31	16 23.55	− 0 27.9	2.824	3.785	5.6	19.9
6 10	16 16.90	− 0 9.2	2.849	3.784	6.9	20.0
6 20	16 10.92	− 0 4.0	2.901	3.783	8.7	20.1
6 30	16 6.06	− 0 11.8	2.975	3.781	10.6	20.2

544 Jetta 5 29.2 333°.74 5°.2/31.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.18	−34 3.4	1.462	2.283	18.3	13.6
5 1	16 47.49	−34 17.1	1.376	2.271	15.0	13.3
5 11	16 41.49	−34 15.1	1.308	2.261	11.2	13.0
5 21	16 32.89	−33 53.9	1.262	2.251	7.3	12.8
5 31	16 22.94	−33 12.1	1.239	2.241	5.2	12.6
6 10	16 13.24	−32 12.5	1.240	2.233	7.3	12.7
6 20	16 5.26	−31 1.8	1.264	2.225	11.3	12.9
6 30	16 0.10	−29 48.2	1.310	2.218	15.4	13.2

354700 2005 QG_{188} 5 29.2 118°.77 6°.9/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.67	−43 55.5	2.700	3.429	13.1	21.3
5 1	16 51.92	−44 50.8	2.622	3.440	11.2	21.2
5 11	16 43.72	−45 33.0	2.565	3.452	9.3	21.1
5 21	16 33.70	−45 58.3	2.532	3.463	7.7	21.0
5 31	16 22.79	−46 4.1	2.525	3.474	6.9	20.9
6 10	16 12.10	−45 50.6	2.544	3.485	7.3	21.0
6 20	16 2.67	−45 20.6	2.589	3.496	8.8	21.1
6 30	15 55.29	−44 38.9	2.659	3.506	10.6	21.2

232610 2003 UY_{99} 5 29.2 251°.98 4°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.80	−10 46.7	2.188	3.005	13.1	20.6
5 1	16 45.60	− 9 50.1	2.093	2.991	10.5	20.3
5 11	16 39.40	− 8 54.1	2.021	2.977	7.6	20.1
5 21	16 31.70	− 8 2.3	1.974	2.962	5.2	20.0
5 31	16 23.24	− 7 18.5	1.955	2.947	5.0	19.9
6 10	16 14.88	− 6 46.0	1.963	2.932	7.3	20.0
6 20	16 7.44	− 6 27.1	1.997	2.916	10.3	20.2
6 30	16 1.61	− 6 22.7	2.053	2.900	13.3	20.3

497457 2005 YP_{64} 5 29.2 186°.57 0°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.19	−20 23.1	2.319	3.125	12.8	23.0
5 1	16 48.91	−20 21.8	2.228	3.125	10.0	22.8
5 11	16 41.56	−20 18.0	2.161	3.124	6.7	22.6
5 21	16 32.67	−20 11.7	2.120	3.122	3.1	22.3
5 31	16 23.03	−20 3.6	2.107	3.120	0.9	22.1
6 10	16 13.55	−19 55.1	2.124	3.118	4.6	22.4
6 20	16 5.07	−19 48.0	2.168	3.114	8.2	22.6
6 30	15 58.31	−19 44.2	2.236	3.110	11.3	22.8

184808 2005 TX_{122} 5 29.2 352°.70 0°.6/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.23	−20 49.8	1.910	2.739	14.3	20.5
5 1	16 44.74	−20 39.6	1.827	2.736	11.1	20.3
5 11	16 38.98	−20 25.8	1.765	2.734	7.5	20.1
5 21	16 31.54	−20 9.1	1.728	2.731	3.4	19.8
5 31	16 23.28	−19 50.8	1.717	2.730	1.1	19.6
6 10	16 15.23	−19 33.2	1.732	2.729	5.2	19.9
6 20	16 8.31	−19 18.7	1.773	2.728	9.1	20.1
6 30	16 3.29	−19 9.6	1.838	2.727	12.6	20.3

354739 2005 SQ_{288} 5 29.2 124°.07 1°.6/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.20	−16 5.4	2.494	3.306	11.8	21.9
5 1	16 45.60	−16 6.7	2.412	3.312	9.2	21.7
5 11	16 39.22	−16 8.5	2.353	3.317	6.2	21.5
5 21	16 31.56	−16 11.5	2.321	3.322	3.1	21.3
5 31	16 23.30	−16 16.5	2.317	3.327	1.8	21.3
6 10	16 15.22	−16 24.4	2.341	3.331	4.6	21.5
6 20	16 8.01	−16 35.9	2.393	3.336	7.7	21.7
6 30	16 2.28	−16 51.7	2.470	3.341	10.5	21.8

504403 2007 WF_{15} 5 29.2 171°.43 1°.0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.50	−19 37.5	2.355	3.168	12.4	22.4
5 1	16 45.97	−19 22.1	2.269	3.170	9.7	22.2
5 11	16 39.54	−19 4.0	2.206	3.171	6.5	22.0
5 21	16 31.72	−18 44.1	2.170	3.172	3.0	21.8
5 31	16 23.26	−18 23.8	2.161	3.173	1.3	21.7
6 10	16 15.00	−18 5.0	2.181	3.174	4.6	21.9
6 20	16 7.70	−17 49.5	2.228	3.174	8.0	22.1
6 30	16 2.00	−17 39.4	2.300	3.175	11.0	22.3

429405 2010 TE_{48} 5 29.2 244°.33 3°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.14	−13 39.3	2.017	2.832	14.1	22.2
5 1	16 49.29	−12 57.0	1.913	2.813	11.2	22.0
5 11	16 42.08	−12 13.7	1.832	2.793	7.9	21.7
5 21	16 33.02	−11 32.1	1.776	2.771	4.8	21.5
5 31	16 22.95	−10 55.6	1.748	2.749	4.1	21.4
6 10	16 12.91	−10 27.5	1.747	2.726	7.0	21.5
6 20	16 3.87	−10 10.4	1.772	2.703	10.7	21.7
6 30	15 56.69	−10 6.0	1.821	2.678	14.2	21.8

299862 2006 SC_{269} 5 29.2 160°.30 1°.0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.95	−26 11.8	2.872	3.666	10.9	22.7
5 1	16 46.00	−26 5.1	2.784	3.672	8.5	22.5
5 11	16 39.39	−25 52.8	2.720	3.678	5.8	22.4
5 21	16 31.61	−25 34.7	2.683	3.683	2.9	22.2
5 31	16 23.30	−25 11.4	2.675	3.687	1.1	22.0
6 10	16 15.20	−24 44.5	2.696	3.691	3.7	22.2
6 20	16 7.95	−24 16.2	2.746	3.695	6.5	22.4
6 30	16 2.11	−23 49.0	2.822	3.698	9.1	22.6

413420 2004 TC_{342} 5 29.2 252°.00 2°.2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.28	−25 42.7	1.646	2.463	16.7	21.7
5 1	16 52.68	−26 11.8	1.548	2.447	13.4	21.5
5 11	16 44.90	−26 35.9	1.470	2.432	9.4	21.2
5 21	16 34.52	−26 52.3	1.416	2.415	4.9	20.9
5 31	16 22.60	−26 59.1	1.387	2.398	2.3	20.7
6 10	16 10.62	−26 56.4	1.385	2.381	6.2	20.9
6 20	16 0.02	−26 46.9	1.408	2.363	10.9	21.1
6 30	15 52.01	−26 35.2	1.453	2.344	15.2	21.3

496410 2013 WX_{37} 5 29.2 179°.75 0°.8/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.92	−22 55.6	2.273	3.076	13.1	21.6
5 1	16 49.63	−23 20.3	2.183	3.077	10.3	21.4
5 11	16 42.13	−23 42.3	2.117	3.078	7.0	21.2
5 21	16 32.98	−24 0.3	2.077	3.078	3.4	21.0
5 31	16 22.99	−24 13.7	2.065	3.078	1.0	20.8
6 10	16 13.13	−24 22.8	2.082	3.077	4.5	21.0
6 20	16 4.31	−24 29.0	2.127	3.076	8.1	21.2
6 30	15 57.29	−24 34.5	2.196	3.075	11.3	21.4

384830 2012 RX_{28} 5 29.2 292°.95 0°.2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.62	−23 41.5	1.802	2.627	15.1	20.6
5 1	16 46.98	−23 24.8	1.702	2.609	12.0	20.4
5 11	16 40.74	−23 1.0	1.623	2.590	8.2	20.1
5 21	16 32.47	−22 30.1	1.569	2.572	3.8	19.8
5 31	16 23.09	−21 53.5	1.540	2.554	0.8	19.5
6 10	16 13.79	−21 14.3	1.538	2.535	5.5	19.8
6 20	16 5.68	−20 36.4	1.562	2.517	10.0	20.0
6 30	15 59.69	−20 3.9	1.608	2.499	14.0	20.2

292825 2006 UM_{271} 5 29.2 254°.03 0°.7/29.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.60	−23 46.7	2.269	3.080	12.9	21.3
5 1	16 46.27	−23 52.8	2.179	3.078	10.1	21.1
5 11	16 39.88	−23 54.5	2.112	3.075	6.9	20.9
5 21	16 31.94	−23 51.4	2.071	3.073	3.3	20.6
5 31	16 23.24	−23 43.8	2.057	3.070	0.9	20.4
6 10	16 14.70	−23 33.0	2.071	3.068	4.4	20.7
6 20	16 7.15	−23 21.0	2.112	3.065	8.0	20.9
6 30	16 1.32	−23 10.4	2.178	3.062	11.1	21.1

214841 2006 VQ_{147} 5 29.2 193°.96 1°.3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.38	−23 56.0	2.494	3.294	12.2	20.4
5 1	16 48.30	−24 29.1	2.402	3.293	9.6	20.2
5 11	16 41.18	−24 59.5	2.333	3.292	6.6	20.0
5 21	16 32.54	−25 25.8	2.290	3.290	3.3	19.8
5 31	16 23.10	−25 47.1	2.277	3.288	1.4	19.7
6 10	16 13.75	−26 3.2	2.292	3.287	4.3	19.9
6 20	16 5.30	−26 15.3	2.335	3.285	7.5	20.1
6 30	15 58.48	−26 25.2	2.404	3.282	10.5	20.3

270242 2001 US_{13} 5 29.2 200°.98 2°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.99	−17 0.7	2.389	3.197	12.4	21.8
5 1	16 47.89	−16 34.2	2.296	3.193	9.7	21.6
5 11	16 40.84	−16 6.0	2.225	3.188	6.6	21.4
5 21	16 32.35	−15 37.5	2.181	3.182	3.4	21.1
5 31	16 23.16	−15 10.5	2.166	3.175	2.3	21.0
6 10	16 14.12	−14 47.2	2.180	3.167	5.1	21.2
6 20	16 6.01	−14 29.8	2.221	3.159	8.5	21.4
6 30	15 59.51	−14 20.0	2.287	3.150	11.5	21.6

309779 2008 YN_{140} 5 29.2 264°.18 0°.2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.63	−23 57.4	1.430	2.265	17.9	20.6
5 1	16 49.79	−23 37.3	1.351	2.263	14.1	20.3
5 11	16 42.82	−23 8.4	1.291	2.260	9.6	20.1
5 21	16 33.45	−22 31.1	1.254	2.258	4.5	19.8
5 31	16 22.91	−21 47.3	1.242	2.255	1.0	19.5
6 10	16 12.69	−21 1.4	1.255	2.253	6.4	19.8
6 20	16 4.14	−20 18.5	1.292	2.250	11.4	20.1
6 30	15 58.26	−19 43.6	1.350	2.248	15.8	20.4

510802 2013 BR_3 5 29.2 120°.65 5°.8/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.47	−40 5.6	2.478	3.234	13.4	20.8
5 1	16 49.44	−40 38.4	2.394	3.240	11.3	20.6
5 11	16 42.06	−40 58.5	2.332	3.245	9.0	20.5
5 21	16 32.95	−41 2.7	2.293	3.251	6.9	20.4
5 31	16 23.03	−40 49.3	2.281	3.256	5.8	20.3
6 10	16 13.37	−40 19.4	2.296	3.262	6.5	20.4
6 20	16 4.95	−39 36.3	2.336	3.267	8.5	20.5
6 30	15 58.51	−38 44.9	2.402	3.272	10.8	20.7

500887 2013 JO_{65} 5 29.2 323°.37 0°.2/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.80	−12 0.0	39.073	39.879	0.9	24.3
5 1	16 27.12	−11 56.9	38.983	39.877	0.7	24.3
5 11	16 26.36	−11 54.1	38.918	39.875	0.5	24.3
5 21	16 25.55	−11 51.4	38.882	39.874	0.3	24.2
5 31	16 24.71	−11 49.2	38.874	39.872	0.3	24.2
6 10	16 23.88	−11 47.4	38.895	39.871	0.4	24.2
6 20	16 23.08	−11 46.0	38.944	39.869	0.6	24.3
6 30	16 22.35	−11 45.2	39.020	39.868	0.8	24.3

68187 2001 BY_{53} 5 29.2 289°.43 9°.8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.42	+ 1 39.9	1.848	2.654	15.6	19.0
5 1	16 45.65	+ 2 46.4	1.766	2.640	13.4	18.8
5 11	16 39.62	+ 3 41.7	1.705	2.626	11.3	18.7
5 21	16 31.88	+ 4 19.8	1.666	2.612	9.9	18.5
5 31	16 23.26	+ 4 35.3	1.651	2.598	10.1	18.5
6 10	16 14.75	+ 4 25.6	1.660	2.584	11.7	18.6
6 20	16 7.29	+ 3 50.8	1.691	2.570	14.0	18.7
6 30	16 1.67	+ 2 53.5	1.742	2.556	16.6	18.8

224064 2005 NT_{19} 5 29.2 5°.15 1°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.76	−20 49.7	1.252	2.106	18.7	20.4
5 1	16 46.24	−20 31.0	1.183	2.106	14.7	20.1
5 11	16 40.54	−20 6.9	1.132	2.106	9.9	19.8
5 21	16 32.42	−19 38.7	1.103	2.108	4.6	19.5
5 31	16 23.15	−19 9.2	1.097	2.110	1.7	19.3
6 10	16 14.25	−18 42.1	1.115	2.113	6.9	19.7
6 20	16 7.08	−18 21.6	1.155	2.118	12.0	20.0
6 30	16 2.62	−18 10.7	1.216	2.123	16.5	20.2

256613 2007 VE_{98} 5 29.2 251°.53 0°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.71	−24 49.5	1.676	2.497	16.3	21.4
5 1	16 50.39	−24 33.0	1.579	2.483	12.9	21.1
5 11	16 43.16	−24 7.7	1.503	2.468	8.9	20.8
5 21	16 33.63	−23 33.4	1.450	2.453	4.2	20.5
5 31	16 22.86	−22 51.2	1.424	2.437	1.0	20.3
6 10	16 12.20	−22 4.6	1.424	2.421	5.9	20.6
6 20	16 2.93	−21 18.2	1.450	2.405	10.7	20.8
6 30	15 56.07	−20 37.3	1.498	2.388	14.9	21.0

91944 1999 VO_{64} 5 29.2 241°.52 0°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.54	−22 24.0	2.719	3.524	11.1	20.5
5 1	16 45.12	−22 19.8	2.617	3.513	8.7	20.3
5 11	16 38.95	−22 12.1	2.540	3.502	5.9	20.1
5 21	16 31.49	−22 1.0	2.488	3.491	2.7	19.9
5 31	16 23.36	−21 47.0	2.466	3.479	0.6	19.7
6 10	16 15.32	−21 31.6	2.472	3.467	3.9	19.9
6 20	16 8.06	−21 16.5	2.506	3.455	7.1	20.1
6 30	16 2.19	−21 3.7	2.565	3.442	9.9	20.3

184792 2005 TT_{63} 5 29.2 219°.55 2°.3/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.36	−16 28.8	2.437	3.254	11.9	20.8
5 1	16 44.24	−15 53.4	2.350	3.252	9.3	20.6
5 11	16 38.35	−15 16.4	2.285	3.249	6.3	20.4
5 21	16 31.19	−14 39.7	2.247	3.247	3.4	20.2
5 31	16 23.44	−14 5.6	2.237	3.244	2.5	20.2
6 10	16 15.86	−13 36.5	2.255	3.241	5.1	20.3
6 20	16 9.16	−13 14.4	2.300	3.239	8.2	20.5
6 30	16 3.93	−13 1.0	2.370	3.236	11.0	20.7

90426 2004 AL_3 5 29.2 227°.28 3°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.44	−30 39.0	1.844	2.646	15.8	20.2
5 1	16 51.63	−31 1.1	1.751	2.638	12.8	20.0
5 11	16 43.93	−31 13.6	1.678	2.630	9.2	19.7
5 21	16 33.96	−31 13.6	1.629	2.621	5.6	19.5
5 31	16 22.79	−30 59.6	1.606	2.612	3.6	19.4
6 10	16 11.76	−30 32.8	1.610	2.602	6.1	19.5
6 20	16 2.12	−29 57.0	1.640	2.592	9.9	19.7
6 30	15 54.88	−29 17.8	1.693	2.582	13.6	19.9

280354 2003 SL_{296} 5 29.2 270°.73 2°.9/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.56	−31 27.2	1.990	2.791	14.8	20.5
5 1	16 48.31	−31 17.5	1.893	2.780	11.9	20.3
5 11	16 41.50	−30 55.6	1.817	2.769	8.6	20.1
5 21	16 32.77	−30 20.2	1.765	2.758	5.0	19.9
5 31	16 23.07	−29 31.6	1.740	2.747	2.9	19.7
6 10	16 13.59	−28 32.7	1.742	2.736	5.4	19.8
6 20	16 5.39	−27 28.3	1.770	2.725	9.1	20.0
6 30	15 59.31	−26 24.2	1.823	2.714	12.6	20.2

24939 Chiminello 5 29.2 295°.49 1°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.41	−22 33.3	1.567	2.392	17.1	17.6
5 1	16 52.41	−23 27.5	1.457	2.362	13.7	17.3
5 11	16 45.08	−24 23.5	1.368	2.333	9.6	16.9
5 21	16 34.80	−25 18.4	1.302	2.303	4.9	16.6
5 31	16 22.54	−26 8.6	1.262	2.274	2.1	16.3
6 10	16 9.82	−26 51.6	1.248	2.244	6.7	16.5
6 20	15 58.24	−27 27.2	1.259	2.214	11.9	16.7
6 30	15 49.26	−27 57.5	1.291	2.185	16.6	16.9

78058 2002 KF_3 5 29.2 320°.35 3°.7/29.6 18

4 21	16 59.31	− 7 39.0	1.224	2.058	20.3	18.4
5 1	16 55.38	− 8 52.3	1.123	2.032	16.6	18.1
5 11	16 47.55	−10 29.6	1.041	2.006	11.9	17.7
5 21	16 36.14	−12 32.3	0.981	1.980	6.6	17.3
5 31	16 22.21	−14 57.6	0.946	1.956	3.8	17.1
6 10	16 7.55	−17 37.3	0.937	1.932	8.5	17.3
6 20	15 54.18	−20 21.4	0.953	1.910	14.5	17.5
6 30	15 43.90	−23 1.8	0.991	1.889	20.0	17.8

124648 2001 SD_{70} 5 29.2 258°.30 3°.8/27.9 17

4 21	16 54.23	−14 26.4	1.583	2.413	16.6	19.7
5 1	16 50.06	−13 55.5	1.487	2.396	13.3	19.4
5 11	16 42.98	−13 24.4	1.413	2.378	9.3	19.1
5 21	16 33.58	−12 55.7	1.362	2.360	5.3	18.9
5 31	16 22.88	−12 32.7	1.336	2.342	4.2	18.8
6 10	16 12.18	−12 18.8	1.336	2.322	7.8	18.9
6 20	16 2.77	−12 16.5	1.360	2.303	12.3	19.1
6 30	15 55.72	−12 27.2	1.406	2.283	16.5	19.3

503174 2015 GQ_{41} 5 29.2 122°.02 7°.1/26.2 17

4 21	16 51.12	− 2 14.9	2.192	2.993	13.6	21.4
5 1	16 46.33	− 1 19.0	2.129	3.007	11.2	21.2
5 11	16 39.69	− 0 31.4	2.088	3.020	8.9	21.1
5 21	16 31.77	+ 0 3.8	2.072	3.032	7.3	21.0
5 31	16 23.33	+ 0 23.2	2.082	3.044	7.3	21.0
6 10	16 15.19	+ 0 25.1	2.119	3.056	8.8	21.2
6 20	16 8.08	+ 0 9.7	2.180	3.068	11.0	21.3
6 30	16 2.58	− 0 21.6	2.263	3.079	13.2	21.5

180511 2004 DC_{10} 5 29.2 336°.65 4°.9/30.3 18

4 21	16 52.31	−30 22.2	1.376	2.206	18.7	19.5
5 1	16 49.37	−31 10.2	1.295	2.198	15.2	19.2
5 11	16 42.94	−31 49.1	1.232	2.190	11.1	18.9
5 21	16 33.68	−32 14.3	1.190	2.183	7.0	18.7
5 31	16 22.86	−32 22.4	1.172	2.177	4.9	18.6
6 10	16 12.17	−32 13.5	1.178	2.171	7.6	18.7
6 20	16 3.23	−31 51.5	1.207	2.166	11.9	18.9
6 30	15 57.28	−31 23.0	1.256	2.162	16.1	19.1

156380 2001 YL_{70} 5 29.2 202°.62 1°.5/29.7 18

4 21	16 54.52	−26 12.9	2.181	2.983	13.6	20.5
5 1	16 49.47	−26 18.7	2.088	2.980	10.8	20.2
5 11	16 42.12	−26 18.1	2.017	2.975	7.4	20.0
5 21	16 33.02	−26 10.1	1.971	2.971	3.8	19.8
5 31	16 23.04	−25 54.6	1.953	2.965	1.5	19.6
6 10	16 13.22	−25 33.3	1.964	2.959	4.7	19.8
6 20	16 4.53	−25 8.8	2.002	2.953	8.4	20.0
6 30	15 57.74	−24 44.7	2.064	2.946	11.8	20.2

523021 2016 PF_{124} 5 29.2 324°.12 0°.6/29.4 16

4 21	16 49.17	−23 56.2	1.997	2.818	14.0	21.2
5 1	16 45.50	−23 53.3	1.906	2.810	11.0	20.9
5 11	16 39.55	−23 44.9	1.836	2.802	7.5	20.7
5 21	16 31.86	−23 30.9	1.792	2.794	3.6	20.4
5 31	16 23.30	−23 11.9	1.773	2.787	0.9	20.2
6 10	16 14.88	−22 50.0	1.782	2.780	4.9	20.5
6 20	16 7.57	−22 27.9	1.817	2.773	8.8	20.7
6 30	16 2.15	−22 8.7	1.875	2.766	12.3	20.9

72043 2000 YR_2 5 29.2 13°.99 4°.4/29.9 18

4 21	16 52.54	−27 35.5	1.164	2.011	20.4	18.0
5 1	16 49.82	−28 35.7	1.099	2.014	16.3	17.7
5 11	16 43.34	−29 28.9	1.052	2.018	11.7	17.4
5 21	16 33.86	−30 10.1	1.025	2.023	6.8	17.2
5 31	16 22.84	−30 35.3	1.021	2.029	4.5	17.1
6 10	16 12.18	−30 44.4	1.040	2.036	7.7	17.3
6 20	16 3.58	−30 41.0	1.081	2.044	12.5	17.6
6 30	15 58.28	−30 31.0	1.141	2.053	16.9	17.8

32753 1981 EB_{14} 5 29.2 186°.58 0°.1/29.2 18 R

4 21	16 49.95	−23 25.2	2.740	3.543	11.1	20.2
5 1	16 45.33	−23 8.4	2.648	3.543	8.7	20.1
5 11	16 39.01	−22 46.9	2.580	3.542	5.8	19.9
5 21	16 31.49	−22 21.0	2.539	3.541	2.7	19.7
5 31	16 23.40	−21 51.8	2.526	3.539	0.6	19.5
6 10	16 15.49	−21 21.4	2.543	3.538	3.8	19.7
6 20	16 8.43	−20 51.9	2.587	3.536	6.9	19.9
6 30	16 2.76	−20 25.6	2.657	3.533	9.7	20.1

508122 2015 DN_{229} 5 29.2 144°.99 2°.8/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.78	−20 28.5	1.816	2.639	15.1	20.6
5 1	16 48.19	−18 58.3	1.734	2.641	11.8	20.4
5 11	16 41.21	−17 19.1	1.676	2.643	7.9	20.2
5 21	16 32.55	−15 34.9	1.643	2.644	4.1	20.0
5 31	16 23.18	−13 51.8	1.639	2.646	3.2	19.9
6 10	16 14.20	−12 16.4	1.662	2.647	6.7	20.1
6 20	16 6.56	−10 54.7	1.712	2.649	10.6	20.4
6 30	16 0.98	− 9 50.3	1.785	2.650	14.1	20.6

241660 2000 JC_{46} 5 29.2 354°.37 3°.2/27.6 17

4 21	16 44.56	−19 23.5	1.424	2.278	16.9	19.6
5 1	16 42.54	−18 10.0	1.348	2.271	13.2	19.3
5 11	16 37.83	−16 48.2	1.292	2.266	9.0	19.0
5 21	16 31.13	−15 22.7	1.259	2.261	4.7	18.8
5 31	16 23.48	−13 59.7	1.250	2.258	3.7	18.7
6 10	16 16.16	−12 46.2	1.266	2.256	7.6	18.9
6 20	16 10.26	−11 47.8	1.305	2.256	12.0	19.2
6 30	16 6.62	−11 7.7	1.365	2.257	16.0	19.4

5029 Ireland 5 29.2 259°.91 6°.6/30.7 18

4 21	16 57.66	−37 52.4	2.268	3.033	14.3	17.3
5 1	16 52.50	−39 6.4	2.172	3.025	12.0	17.1
5 11	16 44.54	−40 11.3	2.098	3.016	9.6	16.9
5 21	16 34.30	−41 1.9	2.048	3.007	7.5	16.8
5 31	16 22.74	−41 34.1	2.024	2.998	6.6	16.7
6 10	16 11.10	−41 46.5	2.028	2.989	7.6	16.8
6 20	16 0.62	−41 41.0	2.056	2.980	9.8	16.9
6 30	15 52.37	−41 22.2	2.109	2.971	12.4	17.0

438428 2006 VR_{169} 5 29.2 356°.51 5°.8/ 1.7 18

4 21	16 53.17	−41 1.2	2.252	3.013	14.5	20.0
5 1	16 48.63	−41 4.6	2.163	3.012	12.2	19.8
5 11	16 41.59	−40 51.9	2.094	3.012	9.6	19.6
5 21	16 32.75	−40 20.3	2.049	3.011	7.2	19.5
5 31	16 23.13	−39 29.1	2.029	3.011	5.9	19.4
6 10	16 13.89	−38 20.7	2.036	3.011	6.6	19.4
6 20	16 6.03	−37 0.1	2.070	3.011	8.8	19.6
6 30	16 0.30	−35 33.9	2.128	3.011	11.4	19.7

500888 2013 JP_{65} 5 29.2 67°.68 0°.3/27.4 16

4 21	16 27.79	−11 15.6	39.865	40.670	0.9	24.2
5 1	16 27.13	−11 12.3	39.778	40.671	0.7	24.2
5 11	16 26.38	−11 9.2	39.717	40.673	0.5	24.1
5 21	16 25.58	−11 6.4	39.685	40.675	0.3	24.1
5 31	16 24.76	−11 4.0	39.680	40.676	0.3	24.1
6 10	16 23.94	−11 2.1	39.705	40.678	0.4	24.1
6 20	16 23.16	−11 0.7	39.757	40.679	0.6	24.2
6 30	16 22.44	−10 59.9	39.836	40.681	0.8	24.2

233845 2008 UK_{318} 5 29.2 230°.17 3°.0/30.4 18

4 21	16 53.43	−30 12.4	2.002	2.804	14.7	21.2
5 1	16 48.95	−30 26.2	1.913	2.801	11.8	21.0
5 11	16 41.94	−30 30.9	1.844	2.798	8.4	20.7
5 21	16 33.00	−30 24.3	1.801	2.794	5.0	20.5
5 31	16 23.11	−30 5.9	1.783	2.790	3.1	20.4
6 10	16 13.41	−29 37.3	1.793	2.786	5.4	20.5
6 20	16 4.98	−29 2.0	1.829	2.782	9.0	20.7
6 30	15 58.67	−28 24.6	1.889	2.778	12.3	20.9

248322 2005 PY_{28} 5 29.2 280°.35 5°.2/30.9 18

4 21	16 54.03	−35 23.5	2.266	3.045	13.9	20.3
5 1	16 49.44	−36 12.5	2.170	3.037	11.5	20.1
5 11	16 42.32	−36 52.2	2.096	3.029	8.8	19.9
5 21	16 33.22	−37 19.1	2.047	3.020	6.4	19.7
5 31	16 23.05	−37 30.4	2.023	3.012	5.2	19.7
6 10	16 12.91	−37 25.9	2.027	3.003	6.5	19.7
6 20	16 3.91	−37 8.1	2.056	2.995	9.0	19.9
6 30	15 56.94	−36 41.3	2.110	2.987	11.8	20.0

381132 2007 EG_{34} 5 29.2 338°.37 4°.8/27.3 17

4 21	16 45.30	−15 18.4	1.320	2.179	17.7	20.3
5 1	16 43.42	−14 15.7	1.240	2.164	14.0	20.0
5 11	16 38.64	−13 9.3	1.179	2.151	9.8	19.8
5 21	16 31.61	−12 4.0	1.139	2.139	5.9	19.5
5 31	16 23.41	−11 6.1	1.123	2.127	5.2	19.4
6 10	16 15.41	−10 21.6	1.131	2.117	8.9	19.6
6 20	16 8.85	− 9 54.8	1.160	2.109	13.4	19.8
6 30	16 4.73	− 9 47.5	1.208	2.101	17.6	20.0

381796 2009 UF_{34} 5 29.2 55°.24 4°.5/30.0 17

4 21	16 58.43	−28 53.7	1.573	2.385	17.6	20.6
5 1	16 53.41	−30 6.1	1.510	2.403	14.1	20.4
5 11	16 45.19	−31 11.5	1.468	2.421	10.1	20.2
5 21	16 34.56	−32 5.0	1.449	2.440	6.3	20.0
5 31	16 22.78	−32 42.6	1.456	2.459	4.5	20.0
6 10	16 11.39	−33 3.7	1.489	2.478	6.9	20.1
6 20	16 1.77	−33 11.2	1.547	2.497	10.5	20.4
6 30	15 54.91	−33 9.8	1.627	2.516	14.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
142808 2002 UQ_{33}			5 29.2 156°.07		0°.5/29.4 17	
	h m	° ′			°	m
4 21	16 55.10	−24 8.7	2.010	2.819	14.4	21.1
5 1	16 49.94	−23 58.2	1.928	2.826	11.3	20.9
5 11	16 42.40	−23 41.5	1.869	2.832	7.6	20.7
5 21	16 33.14	−23 18.4	1.835	2.837	3.6	20.4
5 31	16 23.11	−22 50.0	1.829	2.842	0.8	20.2
6 10	16 13.38	−22 18.8	1.851	2.847	4.9	20.5
6 20	16 4.91	−21 48.1	1.899	2.851	8.8	20.8
6 30	15 58.47	−21 21.2	1.972	2.854	12.2	21.0
388773 2007 YR_{39}			5 29.2 92°.06		4°.4/31.4 18	
4 21	16 53.33	−35 44.1	2.253	3.033	13.9	20.9
5 1	16 48.56	−35 55.5	2.173	3.041	11.4	20.7
5 11	16 41.47	−35 54.7	2.114	3.050	8.6	20.5
5 21	16 32.71	−35 39.5	2.079	3.058	5.8	20.4
5 31	16 23.21	−35 9.4	2.071	3.066	4.4	20.3
6 10	16 14.06	−34 26.4	2.090	3.074	5.6	20.4
6 20	16 6.18	−33 34.5	2.136	3.083	8.3	20.6
6 30	16 0.30	−32 38.7	2.207	3.091	11.0	20.8
389547 2010 MH_{89}			5 29.2	0°.16	17°.1/ 5.0 16	
4 21	16 55.96	−57 16.2	1.535	2.247	22.0	19.7
5 1	16 54.47	−59 25.9	1.471	2.244	20.5	19.5
5 11	16 47.78	−61 10.2	1.423	2.241	19.1	19.4
5 21	16 36.42	−62 18.4	1.390	2.241	17.9	19.3
5 31	16 22.30	−62 41.5	1.374	2.242	17.2	19.3
6 10	16 8.46	−62 17.1	1.375	2.244	17.2	19.3
6 20	15 57.73	−61 10.4	1.394	2.248	17.9	19.3
6 30	15 51.96	−59 32.4	1.429	2.254	19.1	19.4
362358 2010 NO_{4}			5 29.2 332°.25		5°.6/30.8 17	
4 21	16 51.94	−32 36.9	1.249	2.082	20.1	19.9
5 1	16 49.46	−33 9.4	1.170	2.073	16.5	19.6
5 11	16 43.21	−33 27.8	1.108	2.065	12.2	19.3
5 21	16 33.90	−33 27.4	1.066	2.057	7.9	19.1
5 31	16 22.92	−33 5.2	1.046	2.050	5.6	18.9
6 10	16 12.19	−32 23.1	1.049	2.043	8.1	19.0
6 20	16 3.43	−31 27.7	1.075	2.038	12.6	19.2
6 30	15 57.95	−30 27.8	1.120	2.033	17.1	19.5
477700 2010 RA_{124}			5 29.2 311°.68		12°.2/19.7 16	
4 21	16 46.11	+ 9 17.3	2.089	2.867	14.9	20.8
5 1	16 42.87	+11 18.8	2.016	2.850	13.5	20.7
5 11	16 37.67	+13 7.6	1.964	2.833	12.5	20.6
5 21	16 31.01	+14 35.9	1.935	2.817	12.2	20.5
5 31	16 23.59	+15 37.2	1.928	2.801	12.8	20.5
6 10	16 16.28	+16 7.9	1.942	2.785	14.0	20.6
6 20	16 9.87	+16 7.5	1.976	2.769	15.6	20.6
6 30	16 5.04	+15 38.4	2.027	2.754	17.3	20.7
214456 2005 SL_{81}			5 29.2 349°.71		1°.2/28.8 17	
4 21	16 48.03	−19 26.7	1.838	2.670	14.6	20.5
5 1	16 44.70	−19 12.8	1.754	2.666	11.4	20.3
5 11	16 39.06	−18 56.2	1.692	2.662	7.7	20.0
5 21	16 31.68	−18 37.9	1.655	2.658	3.6	19.8
5 31	16 23.45	−18 19.5	1.643	2.655	1.6	19.6
6 10	16 15.42	−18 3.5	1.657	2.653	5.5	19.9
6 20	16 8.53	−17 52.1	1.697	2.651	9.5	20.1
6 30	16 3.58	−17 47.3	1.760	2.650	13.1	20.3
385121 2012 XT_{95}			5 29.2 218°.89		3°.8/28.0 18	
4 21	16 50.91	−10 25.3	2.169	2.985	13.3	20.2
5 1	16 46.45	−10 15.2	2.086	2.984	10.5	20.0
5 11	16 39.98	−10 9.4	2.025	2.983	7.5	19.8
5 21	16 32.04	−10 9.8	1.989	2.982	4.7	19.7
5 31	16 23.38	−10 17.8	1.981	2.981	4.0	19.6
6 10	16 14.88	−10 34.5	2.000	2.979	6.3	19.8
6 20	16 7.36	−11 0.1	2.045	2.978	9.4	19.9
6 30	16 1.48	−11 34.3	2.114	2.977	12.3	20.1
350149 2011 SQ_{86}			5 29.2 230°.63		3°.4/30.6 18	
4 21	16 52.34	−31 42.8	2.257	3.050	13.5	20.8
5 1	16 47.84	−32 4.0	2.168	3.049	10.9	20.6
5 11	16 41.07	−32 16.4	2.101	3.048	7.9	20.4
5 21	16 32.59	−32 17.8	2.058	3.047	5.0	20.2
5 31	16 23.26	−32 7.4	2.043	3.046	3.4	20.1
6 10	16 14.12	−31 46.3	2.055	3.044	5.2	20.2
6 20	16 6.10	−31 17.4	2.093	3.043	8.2	20.4
6 30	15 59.97	−30 44.7	2.156	3.042	11.2	20.6
19497 Pineda			5 29.2 109°.81		0°.2/29.3 18	
4 21	16 57.05	−22 15.4	1.691	2.510	16.3	18.6
5 1	16 51.77	−22 18.4	1.623	2.526	12.7	18.4
5 11	16 43.77	−22 16.9	1.577	2.542	8.5	18.2
5 21	16 33.81	−22 10.5	1.554	2.557	3.9	18.0
5 31	16 23.02	−21 59.8	1.558	2.572	0.9	17.8
6 10	16 12.67	−21 46.9	1.590	2.586	5.5	18.1
6 20	16 3.87	−21 34.4	1.647	2.600	9.8	18.4
6 30	15 57.43	−21 25.5	1.727	2.614	13.5	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
26234 Leslibrinson			5 29.2 233°.78		2°.8/30.3 18	
	h m	° ′			°	m
4 21	16 54.93	−29 35.2	1.758	2.568	16.1	18.9
5 1	16 50.49	−29 38.8	1.668	2.562	12.9	18.7
5 11	16 43.18	−29 31.7	1.599	2.556	9.2	18.5
5 21	16 33.66	−29 12.1	1.553	2.549	5.2	18.2
5 31	16 23.03	−28 39.7	1.533	2.542	2.8	18.0
6 10	16 12.61	−27 56.9	1.539	2.535	5.8	18.2
6 20	16 3.64	−27 8.5	1.571	2.527	9.9	18.4
6 30	15 57.08	−26 20.1	1.627	2.520	13.8	18.7
47053 1998 XH_{1}			5 29.2 64°.70		0°.8/28.9 18	
4 21	16 51.34	−20 15.8	1.900	2.723	14.5	18.5
5 1	16 47.07	−20 7.0	1.827	2.733	11.3	18.3
5 11	16 40.50	−19 55.3	1.776	2.743	7.6	18.1
5 21	16 32.29	−19 41.2	1.750	2.754	3.5	17.9
5 31	16 23.35	−19 26.1	1.751	2.764	1.2	17.7
6 10	16 14.73	−19 11.9	1.779	2.774	5.2	18.0
6 20	16 7.35	−19 1.0	1.833	2.785	9.0	18.2
6 30	16 1.92	−18 55.4	1.910	2.795	12.4	18.5
357127 2001 XM_{248}			5 29.2 174°.28		1°.4/28.5 16	
4 21	16 49.92	−16 57.7	3.097	3.898	10.0	22.9
5 1	16 45.06	−16 46.3	3.008	3.901	7.8	22.7
5 11	16 38.74	−16 34.2	2.943	3.904	5.2	22.5
5 21	16 31.39	−16 22.2	2.905	3.906	2.6	22.4
5 31	16 23.55	−16 11.4	2.898	3.907	1.6	22.3
6 10	16 15.86	−16 2.9	2.919	3.908	3.9	22.4
6 20	16 8.87	−15 57.9	2.970	3.908	6.6	22.6
6 30	16 3.08	−15 57.3	3.046	3.908	9.0	22.8
501708 2014 UW_{22}			5 29.2 293°.45		0°.3/29.2 17	
4 21	16 54.16	−19 33.6	1.406	2.245	18.0	21.2
5 1	16 50.59	−19 56.4	1.315	2.229	14.2	20.9
5 11	16 43.72	−20 19.5	1.243	2.213	9.7	20.6
5 21	16 34.12	−20 42.1	1.193	2.197	4.6	20.3
5 31	16 22.90	−21 3.5	1.168	2.182	1.1	20.0
6 10	16 11.61	−21 23.8	1.168	2.167	6.7	20.3
6 20	16 1.78	−21 44.0	1.192	2.151	12.0	20.6
6 30	15 54.69	−22 6.6	1.237	2.137	16.7	20.8
389806 2011 UE_{347}			5 29.2 47°.73		4°.7/27.1 17	
4 21	16 48.26	−10 6.4	2.109	2.931	13.3	21.2
5 1	16 44.36	− 9 20.6	2.035	2.936	10.6	21.1
5 11	16 38.54	− 8 37.8	1.984	2.941	7.7	20.9
5 21	16 31.36	− 8 1.2	1.958	2.946	5.3	20.7
5 31	16 23.57	− 7 33.8	1.959	2.951	4.9	20.7
6 10	16 16.03	− 7 18.2	1.986	2.957	7.0	20.9
6 20	16 9.49	− 7 15.5	2.039	2.962	9.9	21.0
6 30	16 4.56	− 7 25.7	2.114	2.968	12.6	21.2
181361 2006 RE_{87}			5 29.2 122°.37		0°.3/29.3 17	
4 21	16 55.99	−23 8.2	1.854	2.668	15.2	21.9
5 1	16 50.74	−23 3.2	1.782	2.682	11.9	21.7
5 11	16 42.99	−22 52.8	1.731	2.695	8.0	21.5
5 21	16 33.44	−22 37.0	1.706	2.708	3.7	21.3
5 31	16 23.12	−22 16.5	1.707	2.721	0.8	21.1
6 10	16 13.19	−21 53.8	1.736	2.733	5.1	21.4
6 20	16 4.67	−21 31.9	1.792	2.744	9.2	21.7
6 30	15 58.31	−21 13.9	1.871	2.755	12.7	21.9
33248 Nataliehowell			5 29.2 118°.67		2°.9/30.3 18	
4 21	16 56.52	−29 51.7	2.113	2.906	14.3	19.0
5 1	16 51.02	−30 10.5	2.039	2.922	11.4	18.9
5 11	16 43.11	−30 20.6	1.987	2.938	8.1	18.7
5 21	16 33.49	−30 20.2	1.960	2.952	4.7	18.5
5 31	16 23.11	−30 8.7	1.960	2.967	2.9	18.4
6 10	16 13.10	−29 47.7	1.989	2.981	5.1	18.6
6 20	16 4.40	−29 20.3	2.044	2.994	8.4	18.8
6 30	15 57.79	−28 50.8	2.124	3.007	11.5	19.0
304087 2006 HP_{3}			5 29.2 59°.83		0°.5/29.3 18	
4 21	16 56.83	−22 31.6	1.226	2.068	19.9	20.5
5 1	16 52.38	−22 42.4	1.175	2.090	15.5	20.3
5 11	16 44.52	−22 48.0	1.142	2.112	10.4	20.1
5 21	16 34.23	−22 47.3	1.130	2.134	4.8	19.8
5 31	16 22.97	−22 40.8	1.143	2.156	1.1	19.6
6 10	16 12.44	−22 31.0	1.180	2.179	6.5	20.0
6 20	16 3.99	−22 21.4	1.241	2.201	11.5	20.4
6 30	15 58.53	−22 15.7	1.322	2.224	15.7	20.7
383199 2005 YO_{31}			5 29.2 253°.71		2°.1/30.1 17	
4 21	16 53.43	−28 21.6	1.948	2.756	14.8	21.6
5 1	16 49.06	−28 18.0	1.851	2.745	11.8	21.3
5 11	16 42.10	−28 5.0	1.775	2.733	8.3	21.1
5 21	16 33.16	−27 41.3	1.723	2.721	4.5	20.8
5 31	16 23.18	−27 7.3	1.697	2.708	2.1	20.7
6 10	16 13.35	−26 25.2	1.699	2.696	5.3	20.8
6 20	16 4.75	−25 39.2	1.728	2.683	9.3	21.0
6 30	15 58.28	−24 54.1	1.780	2.669	13.0	21.2

133534 2003 TC_9 5 29.2 200°.95 1°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.45	−19 40.7	2.469	3.278	12.0	20.8
5 1	16 46.66	−18 57.3	2.376	3.274	9.4	20.6
5 11	16 40.01	−18 9.6	2.307	3.270	6.3	20.4
5 21	16 32.04	−17 19.0	2.264	3.265	3.1	20.2
5 31	16 23.45	−16 28.2	2.250	3.260	1.8	20.1
6 10	16 15.05	−15 40.2	2.265	3.255	4.8	20.2
6 20	16 7.58	−14 58.0	2.308	3.248	8.1	20.4
6 30	16 1.65	−14 23.9	2.376	3.242	11.0	20.6

83934 2001 VZ_{74} 5 29.2 225°.57 2°.4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.81	−14 21.2	2.426	3.238	12.1	19.4
5 1	16 46.24	−14 13.5	2.333	3.231	9.5	19.2
5 11	16 39.81	−14 7.0	2.263	3.225	6.6	19.0
5 21	16 31.98	−14 3.0	2.219	3.218	3.6	18.8
5 31	16 23.46	−14 2.6	2.204	3.211	2.6	18.7
6 10	16 15.03	−14 7.0	2.217	3.203	5.1	18.9
6 20	16 7.46	−14 17.2	2.257	3.196	8.3	19.1
6 30	16 1.39	−14 33.7	2.321	3.188	11.2	19.2

72209 2000 YD_{143} 5 29.2 171°.12 4°.0/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.94	−13 41.7	1.754	2.579	15.5	19.8
5 1	16 49.25	−13 1.0	1.677	2.581	12.3	19.6
5 11	16 42.07	−12 20.5	1.621	2.583	8.6	19.4
5 21	16 33.08	−11 43.5	1.589	2.585	5.1	19.2
5 31	16 23.23	−11 13.2	1.584	2.586	4.3	19.1
6 10	16 13.67	−10 52.9	1.605	2.587	7.2	19.3
6 20	16 5.40	−10 44.5	1.651	2.587	11.0	19.5
6 30	15 59.23	−10 48.9	1.720	2.587	14.5	19.8

506746 2006 VC_{77} 5 29.2 113°.13 0°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.96	−19 31.4	2.596	3.403	11.6	22.4
5 1	16 46.11	−19 27.9	2.521	3.418	9.0	22.3
5 11	16 39.55	−19 22.6	2.469	3.432	6.0	22.1
5 21	16 31.80	−19 15.9	2.443	3.446	2.8	21.9
5 31	16 23.53	−19 8.7	2.447	3.460	1.0	21.8
6 10	16 15.50	−19 2.1	2.479	3.473	4.1	22.0
6 20	16 8.38	−18 57.5	2.539	3.486	7.1	22.3
6 30	16 2.72	−18 56.5	2.625	3.499	9.8	22.5

316583 2011 UU_{25} 5 29.2 209°.74 0°.4/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.82	−21 16.4	2.387	3.199	12.3	21.5
5 1	16 45.54	−21 6.5	2.298	3.198	9.6	21.4
5 11	16 39.35	−20 53.1	2.232	3.196	6.4	21.2
5 21	16 31.77	−20 36.8	2.192	3.195	3.0	20.9
5 31	16 23.53	−20 18.6	2.180	3.193	0.8	20.7
6 10	16 15.46	−20 0.3	2.196	3.191	4.4	21.0
6 20	16 8.31	−19 43.9	2.239	3.189	7.8	21.2
6 30	16 2.74	−19 31.5	2.307	3.187	10.8	21.4

96755 1999 RJ_{19} 5 29.2 341°.91 8°.9/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.85	−41 54.5	1.707	2.482	17.9	19.0
5 1	16 51.98	−42 55.3	1.625	2.478	15.3	18.8
5 11	16 44.64	−43 39.6	1.562	2.475	12.6	18.6
5 21	16 34.51	−44 1.1	1.519	2.472	10.1	18.4
5 31	16 22.92	−43 55.2	1.500	2.469	8.9	18.3
6 10	16 11.58	−43 22.2	1.504	2.467	9.7	18.4
6 20	16 2.04	−42 26.9	1.532	2.465	11.9	18.5
6 30	15 55.51	−41 17.5	1.582	2.463	14.8	18.7

392392 2010 JQ_{127} 5 29.2 317°.42 9°.8/24.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.81	+ 2 24.7	1.978	2.783	14.7	21.1
5 1	16 43.50	+ 3 42.4	1.900	2.770	12.7	21.0
5 11	16 38.15	+ 4 49.6	1.842	2.757	10.9	20.8
5 21	16 31.28	+ 5 40.2	1.807	2.744	9.8	20.7
5 31	16 23.65	+ 6 9.0	1.796	2.732	10.1	20.7
6 10	16 16.15	+ 6 12.9	1.808	2.720	11.5	20.8
6 20	16 9.60	+ 5 51.9	1.842	2.709	13.7	20.9
6 30	16 4.72	+ 5 8.1	1.896	2.697	15.9	21.0

98411 2000 UT_{13} 5 29.2 219°.92 0°.4/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.87	−24 9.3	1.869	2.682	15.2	19.7
5 1	16 50.96	−23 55.7	1.774	2.673	12.0	19.5
5 11	16 43.38	−23 35.0	1.701	2.664	8.2	19.3
5 21	16 33.77	−23 6.9	1.652	2.654	3.9	19.0
5 31	16 23.10	−22 32.5	1.631	2.644	0.9	18.7
6 10	16 12.59	−21 54.6	1.637	2.633	5.4	19.0
6 20	16 3.37	−21 17.0	1.669	2.621	9.7	19.2
6 30	15 56.33	−20 44.1	1.725	2.609	13.6	19.5

392113 2009 EX_{27} 5 29.2 338°.20 2°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.29	−13 18.6	1.837	2.661	14.9	20.3
5 1	16 48.14	−13 51.8	1.746	2.652	11.8	20.0
5 11	16 41.51	−14 31.0	1.677	2.642	8.1	19.8
5 21	16 32.93	−15 16.3	1.633	2.634	4.2	19.5
5 31	16 23.28	−16 7.2	1.615	2.626	2.4	19.4
6 10	16 13.64	−17 2.4	1.625	2.618	5.9	19.6
6 20	16 5.10	−18 1.0	1.661	2.611	9.9	19.8
6 30	15 58.54	−19 2.0	1.720	2.605	13.6	20.0

146163 2000 ST_{204} 5 29.2 158°.16 0°.4/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.77	−23 38.5	2.748	3.549	11.2	20.8
5 1	16 46.00	−23 37.6	2.661	3.554	8.7	20.7
5 11	16 39.51	−23 32.6	2.598	3.558	5.9	20.5
5 21	16 31.81	−23 23.5	2.561	3.563	2.8	20.3
5 31	16 23.55	−23 10.8	2.554	3.567	0.7	20.1
6 10	16 15.46	−22 55.7	2.575	3.571	3.8	20.4
6 20	16 8.23	−22 40.1	2.625	3.574	6.8	20.6
6 30	16 2.41	−22 26.1	2.700	3.577	9.5	20.8

276688 2003 YD_{58} 5 29.2 109°.18 2°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.89	−16 39.4	1.715	2.537	15.9	20.7
5 1	16 50.76	−16 32.8	1.647	2.552	12.4	20.5
5 11	16 43.06	−16 26.4	1.601	2.566	8.4	20.2
5 21	16 33.52	−16 20.9	1.579	2.580	4.1	20.0
5 31	16 23.19	−16 17.9	1.583	2.594	2.3	19.9
6 10	16 13.24	−16 18.7	1.615	2.607	6.0	20.2
6 20	16 4.73	−16 25.0	1.672	2.620	10.1	20.5
6 30	15 58.45	−16 37.9	1.753	2.632	13.6	20.7

257728 1999 XG_{258} 5 29.2 214°.23 0°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.53	−24 22.5	2.087	2.892	14.0	22.1
5 1	16 50.40	−24 13.4	1.989	2.884	11.1	21.9
5 11	16 42.86	−23 58.0	1.914	2.876	7.6	21.6
5 21	16 33.49	−23 35.8	1.865	2.867	3.6	21.4
5 31	16 23.18	−23 7.6	1.843	2.857	0.9	21.1
6 10	16 13.00	−22 35.7	1.850	2.846	4.9	21.4
6 20	16 3.98	−22 3.2	1.884	2.834	8.9	21.6
6 30	15 56.93	−21 34.0	1.942	2.822	12.5	21.8

178019 2006 RC_9 5 29.2 242°.25 0°.7/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.28	−24 5.5	1.888	2.701	15.0	21.0
5 1	16 50.58	−24 5.7	1.788	2.687	11.9	20.7
5 11	16 43.21	−24 0.0	1.709	2.672	8.2	20.5
5 21	16 33.74	−23 47.7	1.655	2.657	3.9	20.2
5 31	16 23.11	−23 29.0	1.628	2.641	1.0	19.9
6 10	16 12.53	−23 5.8	1.629	2.625	5.4	20.2
6 20	16 3.16	−22 41.3	1.655	2.608	9.7	20.4
6 30	15 55.94	−22 19.1	1.705	2.591	13.6	20.6

82869 2001 QV_{63} 5 29.2 292°.85 0°.7/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.77	−23 48.9	2.044	2.861	13.9	19.2
5 1	16 46.78	−23 52.5	1.950	2.852	11.0	19.0
5 11	16 40.48	−23 51.2	1.878	2.842	7.5	18.8
5 21	16 32.41	−23 44.6	1.831	2.833	3.6	18.5
5 31	16 23.43	−23 33.0	1.810	2.823	0.9	18.3
6 10	16 14.56	−23 17.9	1.817	2.814	4.8	18.6
6 20	16 6.76	−23 1.9	1.850	2.805	8.8	18.8
6 30	16 0.84	−22 47.8	1.907	2.796	12.3	19.0

351213 2004 MM_3 5 29.2 329°.35 2°.7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.24	−14 33.9	1.969	2.796	14.0	20.1
5 1	16 45.51	−14 26.7	1.882	2.788	11.0	19.9
5 11	16 39.57	−14 21.1	1.816	2.781	7.6	19.7
5 21	16 31.98	−14 18.5	1.774	2.774	4.1	19.4
5 31	16 23.53	−14 20.5	1.760	2.768	2.9	19.3
6 10	16 15.21	−14 28.4	1.772	2.761	5.9	19.5
6 20	16 7.91	−14 43.1	1.810	2.755	9.5	19.7
6 30	16 2.41	−15 5.3	1.870	2.750	12.9	19.9

15965 Robertcox 5 29.2 170°.14 2°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.36	−14 18.8	2.437	3.247	12.1	18.0
5 1	16 46.62	−14 17.2	2.351	3.249	9.5	17.8
5 11	16 40.03	−14 17.1	2.289	3.250	6.5	17.7
5 21	16 32.10	−14 19.6	2.253	3.252	3.5	17.5
5 31	16 23.52	−14 25.6	2.245	3.253	2.4	17.4
6 10	16 15.09	−14 35.9	2.266	3.254	5.0	17.6
6 20	16 7.55	−14 51.3	2.314	3.254	8.1	17.8
6 30	16 1.52	−15 12.1	2.388	3.255	10.9	17.9

281081 2006 RX_{102} 5 29.2 266°.12 0°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.31	−24 34.1	2.170	2.983	13.3	20.3
5 1	16 46.16	−24 6.2	2.078	2.978	10.5	20.1
5 11	16 39.90	−23 30.8	2.009	2.973	7.1	19.9
5 21	16 32.08	−22 48.8	1.965	2.967	3.3	19.7
5 31	16 23.52	−22 1.9	1.948	2.962	0.7	19.4
6 10	16 15.17	−21 13.1	1.960	2.956	4.6	19.7
6 20	16 7.89	−20 26.2	1.998	2.951	8.4	19.9
6 30	16 2.38	−19 44.7	2.061	2.945	11.7	20.1

379230 2009 SG_{253} 5 29.2 131°.22 1°.1/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.85	−24 27.9	2.259	3.060	13.3	21.6
5 1	16 50.28	−24 43.9	2.182	3.074	10.4	21.4
5 11	16 42.55	−24 55.3	2.128	3.087	7.1	21.2
5 21	16 33.26	−25 1.2	2.100	3.100	3.5	21.0
5 31	16 23.27	−25 1.1	2.100	3.113	1.2	20.9
6 10	16 13.56	−24 56.3	2.129	3.125	4.4	21.1
6 20	16 4.99	−24 48.7	2.186	3.136	7.9	21.3
6 30	15 58.27	−24 40.9	2.268	3.147	11.0	21.6

258832 2002 PA_{10} 5 29.2 243°.92 2°.5/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.17	−17 44.9	1.810	2.634	15.1	21.2
5 1	16 48.84	−17 8.3	1.716	2.622	11.9	21.0
5 11	16 41.96	−16 28.2	1.644	2.610	8.1	20.7
5 21	16 33.13	−15 46.5	1.596	2.597	4.2	20.5
5 31	16 23.29	−15 6.2	1.574	2.584	2.8	20.3
6 10	16 13.56	−14 31.0	1.580	2.570	6.4	20.5
6 20	16 5.03	−14 4.1	1.611	2.556	10.6	20.7
6 30	15 58.57	−13 48.1	1.665	2.541	14.4	20.9

252953 2002 PB_{91} 5 29.2 234°.14 0°.4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.75	−20 36.4	2.026	2.837	14.2	21.0
5 1	16 50.72	−20 38.6	1.925	2.823	11.2	20.8
5 11	16 43.19	−20 38.2	1.845	2.809	7.6	20.5
5 21	16 33.72	−20 35.0	1.791	2.794	3.5	20.2
5 31	16 23.17	−20 29.3	1.765	2.778	0.9	20.0
6 10	16 12.63	−20 22.5	1.766	2.761	5.2	20.3
6 20	16 3.17	−20 16.6	1.795	2.744	9.4	20.5
6 30	15 55.68	−20 14.1	1.847	2.726	13.1	20.7

280637 2004 YD_{14} 5 29.2 269°.88 4°.8/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.26	− 8 57.9	2.053	2.867	14.0	20.9
5 1	16 47.85	− 8 37.4	1.951	2.846	11.3	20.7
5 11	16 41.20	− 8 21.7	1.871	2.826	8.2	20.5
5 21	16 32.78	− 8 13.3	1.816	2.805	5.5	20.3
5 31	16 23.37	− 8 14.9	1.788	2.783	5.0	20.2
6 10	16 13.95	− 8 28.1	1.787	2.761	7.4	20.3
6 20	16 5.44	− 8 53.5	1.812	2.739	10.7	20.5
6 30	15 58.68	− 9 30.8	1.859	2.717	13.9	20.6

396384 2014 DK_{118} 5 29.2 237°.38 2°.3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.57	−15 30.4	2.321	3.136	12.5	21.5
5 1	16 46.18	−15 13.6	2.227	3.127	9.8	21.3
5 11	16 39.85	−14 56.7	2.156	3.119	6.7	21.0
5 21	16 32.07	−14 41.2	2.111	3.110	3.6	20.8
5 31	16 23.55	−14 28.7	2.093	3.101	2.5	20.7
6 10	16 15.14	−14 20.8	2.104	3.092	5.3	20.9
6 20	16 7.61	−14 19.2	2.141	3.082	8.6	21.1
6 30	16 1.66	−14 24.7	2.203	3.072	11.6	21.3

401817 1995 SX_{77} 5 29.2 191°.49 1°.0/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.23	−20 9.3	1.729	2.547	16.0	22.8
5 1	16 52.09	−19 57.0	1.644	2.546	12.6	22.6
5 11	16 44.18	−19 41.1	1.579	2.545	8.5	22.3
5 21	16 34.16	−19 21.9	1.539	2.542	4.0	22.0
5 31	16 23.10	−19 0.9	1.526	2.539	1.4	21.8
6 10	16 12.26	−18 40.6	1.541	2.535	5.9	22.1
6 20	16 2.82	−18 24.0	1.581	2.530	10.4	22.4
6 30	15 55.68	−18 13.9	1.644	2.525	14.3	22.6

359386 2010 GQ_{126} 5 29.2 356°.75 1°.9/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.90	−21 42.0	1.026	1.896	20.8	20.2
5 1	16 45.48	−20 55.5	0.959	1.892	16.3	19.9
5 11	16 40.45	−19 58.5	0.910	1.888	11.0	19.6
5 21	16 32.62	−18 54.3	0.881	1.886	5.2	19.2
5 31	16 23.43	−17 48.5	0.873	1.886	2.5	19.1
6 10	16 14.68	−16 48.4	0.888	1.886	8.1	19.4
6 20	16 7.91	−16 0.8	0.922	1.888	13.8	19.7
6 30	16 4.23	−15 30.4	0.975	1.891	18.7	20.0

110184 2001 SH_{177} 5 29.2 172°.30 2°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.34	−14 37.7	2.184	2.996	13.3	20.9
5 1	16 48.32	−14 12.3	2.101	2.999	10.4	20.7
5 11	16 41.25	−13 47.1	2.041	3.002	7.2	20.5
5 21	16 32.69	−13 23.9	2.007	3.004	4.0	20.3
5 31	16 23.43	−13 4.8	2.000	3.006	3.1	20.2
6 10	16 14.40	−12 52.0	2.022	3.007	5.8	20.4
6 20	16 6.40	−12 46.9	2.071	3.007	9.1	20.6
6 30	16 0.12	−12 50.5	2.144	3.007	12.1	20.8

11826 Yurijgromov 5 29.2 234°.05 0°.5/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.05	−24 3.0	2.866	3.665	10.8	19.6
5 1	16 45.50	−24 0.6	2.762	3.654	8.5	19.4
5 11	16 39.26	−23 54.1	2.682	3.643	5.7	19.2
5 21	16 31.77	−23 43.1	2.629	3.631	2.8	19.0
5 31	16 23.63	−23 28.3	2.605	3.618	0.7	18.8
6 10	16 15.57	−23 10.8	2.610	3.606	3.7	19.0
6 20	16 8.25	−22 52.4	2.643	3.593	6.7	19.2
6 30	16 2.28	−22 35.3	2.702	3.579	9.5	19.4

163357 2002 NH_{63} 5 29.2 272°.92 1°.5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.13	−26 13.4	2.029	2.841	14.2	20.6
5 1	16 47.96	−26 19.1	1.930	2.827	11.3	20.4
5 11	16 41.36	−26 18.2	1.853	2.814	7.8	20.1
5 21	16 32.88	−26 9.6	1.800	2.800	4.0	19.9
5 31	16 23.38	−25 53.3	1.775	2.787	1.6	19.7
6 10	16 13.96	−25 30.8	1.776	2.773	5.0	19.9
6 20	16 5.65	−25 5.0	1.804	2.759	8.9	20.1
6 30	15 59.30	−24 39.8	1.855	2.745	12.5	20.3

390395 2013 XE 5 29.2 187°.19 2°.5/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.88	−20 15.1	1.951	2.770	14.4	20.5
5 1	16 48.19	−18 53.1	1.866	2.770	11.2	20.3
5 11	16 41.25	−17 23.0	1.804	2.770	7.6	20.0
5 21	16 32.70	−15 48.4	1.768	2.769	3.9	19.8
5 31	16 23.45	−14 14.3	1.761	2.768	2.9	19.7
6 10	16 14.54	−12 46.7	1.782	2.767	6.3	19.9
6 20	16 6.86	−11 30.9	1.829	2.766	10.0	20.2
6 30	16 1.11	−10 30.4	1.901	2.765	13.4	20.4

133052 2003 EA_{1} 5 29.2 203°.68 18°.7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.33	+13 47.1	1.332	2.113	21.7	19.8
5 1	16 50.28	+16 30.9	1.285	2.111	20.2	19.7
5 11	16 43.16	+18 50.5	1.254	2.108	19.1	19.6
5 21	16 33.74	+20 32.7	1.241	2.105	18.8	19.5
5 31	16 23.23	+21 27.6	1.246	2.102	19.4	19.6
6 10	16 13.07	+21 31.5	1.268	2.097	20.7	19.6
6 20	16 4.55	+20 47.3	1.306	2.093	22.4	19.8
6 30	15 58.63	+19 22.3	1.356	2.088	24.2	19.9

77216 2001 FO_{24} 5 29.2 22°.27 1°.7/29.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.08	−27 38.2	1.542	2.372	17.0	18.8
5 1	16 46.81	−27 23.8	1.471	2.379	13.4	18.6
5 11	16 40.71	−26 58.3	1.421	2.386	9.3	18.4
5 21	16 32.55	−26 21.7	1.393	2.394	4.7	18.1
5 31	16 23.50	−25 35.6	1.390	2.402	1.8	17.9
6 10	16 14.88	−24 44.1	1.413	2.411	5.6	18.2
6 20	16 7.83	−23 52.4	1.460	2.421	10.0	18.5
6 30	16 3.19	−23 5.7	1.529	2.432	13.9	18.7

503396 2016 CK_{202} 5 29.2 345°.83 6°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.03	−32 28.9	1.176	2.014	20.8	20.6
5 1	16 49.83	−33 22.8	1.101	2.007	17.1	20.3
5 11	16 43.68	−34 4.2	1.044	2.001	12.8	20.1
5 21	16 34.28	−34 27.2	1.007	1.996	8.6	19.8
5 31	16 23.09	−34 27.3	0.991	1.992	6.4	19.7
6 10	16 12.14	−34 5.2	0.997	1.989	8.8	19.8
6 20	16 3.27	−33 26.3	1.025	1.987	13.2	20.0
6 30	15 57.86	−32 39.4	1.072	1.986	17.6	20.3

240405 2003 UX_{193} 5 29.2 221°.31 0°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.74	−21 41.5	2.427	3.233	12.3	21.3
5 1	16 47.88	−21 38.9	2.328	3.224	9.7	21.1
5 11	16 41.02	−21 33.0	2.252	3.214	6.5	20.9
5 21	16 32.64	−21 23.7	2.202	3.204	3.0	20.6
5 31	16 23.48	−21 11.7	2.180	3.194	0.7	20.4
6 10	16 14.41	−20 58.3	2.188	3.183	4.4	20.7
6 20	16 6.24	−20 45.6	2.223	3.171	7.9	20.9
6 30	15 59.68	−20 35.6	2.283	3.159	11.0	21.1

421893 2014 QH_{198} 5 29.2 146°.30 4°.3/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.74	−14 27.3	1.597	2.426	16.6	21.2
5 1	16 50.07	−13 31.7	1.525	2.433	13.1	21.0
5 11	16 42.73	−12 35.0	1.475	2.439	9.1	20.8
5 21	16 33.45	−11 41.2	1.448	2.445	5.4	20.6
5 31	16 23.32	−10 54.7	1.447	2.450	4.6	20.5
6 10	16 13.57	−10 19.7	1.473	2.455	7.8	20.7
6 20	16 5.29	− 9 59.0	1.523	2.459	11.7	21.0
6 30	15 59.29	− 9 53.7	1.594	2.463	15.3	21.2

34574 2000 SW_{319} 5 29.2 234°.54 3°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.14	−33 21.8	2.527	3.309	12.5	19.3
5 1	16 47.53	−33 34.0	2.430	3.303	10.2	19.1
5 11	16 40.82	−33 36.6	2.355	3.296	7.5	18.9
5 21	16 32.55	−33 27.9	2.305	3.289	4.9	18.7
5 31	16 23.50	−33 7.3	2.282	3.282	3.5	18.6
6 10	16 14.61	−32 36.0	2.288	3.275	4.9	18.7
6 20	16 6.72	−31 56.9	2.321	3.268	7.7	18.8
6 30	16 0.55	−31 14.0	2.378	3.261	10.4	19.0

504297 2007 DB_{48} 5 29.2 20°.17 9°.1/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.86	−42 9.4	1.689	2.461	18.2	20.7
5 1	16 53.61	−43 14.4	1.612	2.463	15.6	20.5
5 11	16 45.77	−44 2.8	1.553	2.464	12.8	20.4
5 21	16 35.09	−44 27.7	1.515	2.466	10.3	20.2
5 31	16 22.94	−44 24.5	1.500	2.467	9.1	20.2
6 10	16 11.10	−43 53.4	1.509	2.469	9.8	20.2
6 20	16 1.17	−42 59.4	1.542	2.472	12.1	20.3
6 30	15 54.33	−41 51.2	1.596	2.474	14.8	20.5

207715 Muqinshuijiao 5 29.2 276°.70 3°.3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.44	−28 25.7	1.505	2.326	17.8	20.4
5 1	16 51.70	−28 49.0	1.407	2.308	14.4	20.2
5 11	16 44.57	−29 3.7	1.329	2.289	10.3	19.9
5 21	16 34.63	−29 6.6	1.273	2.270	5.8	19.6
5 31	16 23.02	−28 55.6	1.242	2.251	3.3	19.4
6 10	16 11.36	−28 31.7	1.235	2.231	6.8	19.5
6 20	16 1.21	−27 59.0	1.253	2.212	11.6	19.7
6 30	15 53.87	−27 23.7	1.292	2.192	16.2	19.9

239164 2006 KC_{33} 5 29.2 259°.45 1°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.90	−19 51.4	2.072	2.891	13.6	21.3
5 1	16 46.76	−19 29.6	1.977	2.881	10.7	21.1
5 11	16 40.41	−19 4.1	1.905	2.871	7.2	20.8
5 21	16 32.41	−18 36.0	1.858	2.861	3.4	20.6
5 31	16 23.55	−18 7.1	1.838	2.850	1.5	20.4
6 10	16 14.82	−17 39.9	1.846	2.840	5.2	20.6
6 20	16 7.13	−17 17.1	1.880	2.829	9.1	20.8
6 30	16 1.23	−17 1.2	1.938	2.818	12.5	21.0

94718 2001 XV_{61} 5 29.2 143°.56 0°.6/29.4 18

4 21	16 56.82	−24 25.4	1.634	2.454	16.7	19.1
5 1	16 51.86	−24 14.2	1.559	2.461	13.1	18.9
5 11	16 44.04	−23 55.5	1.504	2.468	8.9	18.7
5 21	16 34.10	−23 29.0	1.473	2.475	4.2	18.4
5 31	16 23.20	−22 56.0	1.468	2.481	1.0	18.2
6 10	16 12.70	−22 19.6	1.490	2.487	5.7	18.5
6 20	16 3.77	−21 44.2	1.537	2.492	10.2	18.8
6 30	15 57.32	−21 13.9	1.607	2.497	14.1	19.0

62220 2000 ST_{66} 5 29.2 227°.20 3°.2/27.6 18

4 21	16 48.76	−13 36.6	2.491	3.305	11.8	19.5
5 1	16 44.59	−12 55.1	2.400	3.299	9.3	19.3
5 11	16 38.68	−12 13.5	2.333	3.293	6.5	19.1
5 21	16 31.52	−11 34.1	2.293	3.287	3.9	18.9
5 31	16 23.75	−10 59.4	2.280	3.281	3.4	18.9
6 10	16 16.13	−10 32.0	2.295	3.274	5.7	19.0
6 20	16 9.34	−10 13.6	2.337	3.267	8.5	19.2
6 30	16 3.96	−10 5.5	2.404	3.260	11.2	19.4

289286 2004 XG_{186} 5 29.2 187°.42 1°.2/29.6 17

4 21	16 57.56	−25 5.9	1.898	2.705	15.2	22.3
5 1	16 52.23	−25 11.9	1.810	2.705	12.0	22.1
5 11	16 44.23	−25 11.7	1.744	2.704	8.2	21.8
5 21	16 34.21	−25 4.1	1.702	2.703	4.1	21.6
5 31	16 23.17	−24 49.0	1.688	2.701	1.3	21.4
6 10	16 12.35	−24 28.2	1.701	2.698	5.2	21.6
6 20	16 2.85	−24 4.8	1.742	2.694	9.4	21.9
6 30	15 55.58	−23 42.7	1.806	2.689	13.1	22.1

326592 2002 QN_{129} 5 29.2 177°.79 3°.7/30.7 17

4 21	16 56.97	−31 44.9	1.872	2.669	15.7	21.2
5 1	16 51.95	−31 58.6	1.786	2.670	12.7	20.9
5 11	16 44.11	−32 1.3	1.722	2.671	9.2	20.7
5 21	16 34.16	−31 50.3	1.681	2.672	5.6	20.5
5 31	16 23.18	−31 24.8	1.667	2.672	3.7	20.4
6 10	16 12.49	−30 46.7	1.680	2.672	5.9	20.5
6 20	16 3.27	−30 0.4	1.719	2.671	9.5	20.7
6 30	15 56.43	−29 11.8	1.781	2.670	13.0	20.9

39382 Opportunity 5 29.2 180°.44 0°.7/28.8 18

4 21	16 45.49	−19 9.5	3.957	4.757	8.0	21.3
5 1	16 41.42	−18 58.7	3.864	4.758	6.2	21.2
5 11	16 36.25	−18 46.5	3.796	4.758	4.2	21.1
5 21	16 30.32	−18 33.4	3.756	4.758	2.0	20.9
5 31	16 24.03	−18 20.2	3.746	4.758	0.9	20.8
6 10	16 17.83	−18 7.9	3.765	4.757	2.9	21.0
6 20	16 12.16	−17 57.6	3.814	4.756	5.1	21.1
6 30	16 7.37	−17 50.1	3.889	4.755	7.1	21.3

489426 2006 VE_{139} 5 29.2 214°.35 0°.1/29.2 18

4 21	16 50.36	−23 23.3	2.737	3.539	11.2	21.9
5 1	16 45.75	−22 58.1	2.638	3.533	8.7	21.7
5 11	16 39.42	−22 27.5	2.564	3.526	5.9	21.5
5 21	16 31.85	−21 52.2	2.516	3.518	2.7	21.3
5 31	16 23.69	−21 13.6	2.497	3.511	0.6	21.1
6 10	16 15.68	−20 33.9	2.508	3.502	3.9	21.4
6 20	16 8.50	−19 55.7	2.546	3.494	7.0	21.6
6 30	16 2.72	−19 21.6	2.611	3.485	9.9	21.7

151703 2003 BU_{21} 5 29.2 223°.23 0°.1/29.2 18

4 21	16 55.16	−23 16.9	2.396	3.196	12.6	21.0
5 1	16 49.81	−22 54.4	2.290	3.182	9.9	20.8
5 11	16 42.35	−22 25.9	2.207	3.168	6.7	20.5
5 21	16 33.28	−21 51.5	2.151	3.153	3.1	20.3
5 31	16 23.38	−21 12.7	2.124	3.137	0.7	20.0
6 10	16 13.58	−20 31.8	2.126	3.121	4.6	20.3
6 20	16 4.75	−19 52.0	2.156	3.103	8.2	20.5
6 30	15 57.62	−19 16.7	2.212	3.084	11.5	20.7

410258 2007 TN_{116} 5 29.2 185°.42 3°.0/28.1 16

4 21	16 55.04	−16 4.1	1.768	2.590	15.5	22.3
5 1	16 50.19	−15 27.5	1.686	2.590	12.2	22.0
5 11	16 42.80	−14 49.3	1.626	2.590	8.4	21.8
5 21	16 33.52	−14 11.8	1.590	2.589	4.5	21.6
5 31	16 23.34	−13 38.1	1.581	2.588	3.3	21.5
6 10	16 13.41	−13 11.4	1.599	2.586	6.7	21.7
6 20	16 4.79	−12 54.5	1.642	2.583	10.7	21.9
6 30	15 58.30	−12 49.1	1.709	2.580	14.3	22.1

353957 1999 TE_{264} 5 29.2 341°.29 2°.9/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.77	−28 57.2	2.199	3.002	13.5	20.7
5 1	16 47.52	−29 30.4	2.110	2.999	10.8	20.5
5 11	16 40.98	−29 57.2	2.043	2.997	7.7	20.3
5 21	16 32.69	−30 15.5	2.001	2.994	4.6	20.1
5 31	16 23.51	−30 24.2	1.986	2.992	2.9	20.0
6 10	16 14.44	−30 23.4	1.998	2.990	5.1	20.1
6 20	16 6.44	−30 15.4	2.037	2.989	8.3	20.3
6 30	16 0.31	−30 3.3	2.100	2.987	11.4	20.5

204093 2003 WX_{70} 5 29.2 288°.78 4°.1/31.1 17

4 21	16 53.02	−33 50.2	1.903	2.701	15.5	19.8
5 1	16 49.05	−33 49.8	1.801	2.683	12.7	19.6
5 11	16 42.30	−33 35.8	1.719	2.666	9.4	19.3
5 21	16 33.40	−33 5.6	1.660	2.649	6.0	19.1
5 31	16 23.35	−32 18.4	1.628	2.631	4.1	18.9
6 10	16 13.45	−31 16.9	1.622	2.614	6.0	19.0
6 20	16 4.87	−30 6.2	1.641	2.596	9.7	19.2
6 30	15 58.60	−28 53.0	1.685	2.579	13.3	19.4

227442 2005 WN_{33} 5 29.2 294°.97 1°.8/29.3 18

4 21	17 1.35	−12 15.6	1.689	2.500	16.6	19.4
5 1	16 55.73	−13 21.5	1.590	2.487	13.3	19.2
5 11	16 47.02	−14 38.9	1.512	2.474	9.2	18.9
5 21	16 35.72	−16 6.2	1.460	2.461	4.6	18.6
5 31	16 22.83	−17 40.4	1.437	2.448	2.0	18.4
6 10	16 9.74	−19 17.3	1.442	2.436	6.3	18.6
6 20	15 57.83	−20 53.2	1.475	2.423	11.1	18.9
6 30	15 48.31	−22 26.2	1.532	2.411	15.3	19.1

438870 2009 HL_{48} 5 29.2 328°.53 4°.1/28.1 16

4 21	16 49.28	−10 40.2	1.933	2.759	14.3	21.0
5 1	16 45.59	−10 29.5	1.845	2.749	11.4	20.8
5 11	16 39.68	−10 23.5	1.779	2.740	8.1	20.6
5 21	16 32.10	−10 24.2	1.737	2.731	5.1	20.4
5 31	16 23.65	−10 33.5	1.721	2.722	4.3	20.3
6 10	16 15.30	−10 52.8	1.732	2.714	6.8	20.5
6 20	16 7.96	−11 22.1	1.768	2.706	10.2	20.7
6 30	16 2.42	−12 1.1	1.826	2.699	13.5	20.8

482291 2011 TT_{8} 5 29.2 222°.26 4°.4/30.6 16

4 21	17 0.03	−32 2.0	1.799	2.592	16.4	22.5
5 1	16 54.77	−32 34.2	1.702	2.583	13.4	22.3
5 11	16 46.33	−32 56.5	1.626	2.572	9.9	22.0
5 21	16 35.34	−33 4.7	1.573	2.561	6.3	21.8
5 31	16 22.94	−32 56.3	1.546	2.549	4.4	21.7
6 10	16 10.60	−32 31.7	1.547	2.536	6.7	21.8
6 20	15 59.73	−31 55.0	1.573	2.522	10.5	22.0
6 30	15 51.48	−31 12.3	1.622	2.507	14.2	22.2

137817 2000 AE_{1} 5 29.2 195°.40 0°.1/29.2 17

4 21	16 55.22	−22 22.3	2.035	2.845	14.2	21.4
5 1	16 50.16	−22 12.1	1.944	2.843	11.1	21.2
5 11	16 42.71	−21 57.0	1.876	2.840	7.5	21.0
5 21	16 33.48	−21 37.1	1.834	2.836	3.5	20.7
5 31	16 23.37	−21 13.3	1.819	2.832	0.8	20.5
6 10	16 13.45	−20 48.0	1.832	2.828	5.0	20.8
6 20	16 4.70	−20 24.0	1.872	2.822	9.0	21.0
6 30	15 57.93	−20 4.3	1.936	2.816	12.5	21.2

316705 1996 XA_{16} 5 29.2 256°.25 0°.2/29.3 17

4 21	16 54.07	−24 24.7	1.659	2.482	16.3	21.6
5 1	16 49.96	−24 2.1	1.564	2.470	12.9	21.3
5 11	16 42.96	−23 30.6	1.491	2.457	8.8	21.0
5 21	16 33.73	−22 50.3	1.441	2.444	4.2	20.7
5 31	16 23.30	−22 2.9	1.417	2.430	0.9	20.4
6 10	16 13.02	−21 12.3	1.419	2.416	5.9	20.7
6 20	16 4.13	−20 23.3	1.447	2.402	10.6	21.0
6 30	15 57.62	−19 41.1	1.497	2.388	14.9	21.2

20037 Duke 5 29.2 294°.12 8°.5/23.8 18

4 21	16 53.56	−19 28.6	0.998	1.861	21.8	17.5
5 1	16 50.85	−16 7.8	0.917	1.846	17.3	17.2
5 11	16 44.21	−12 16.5	0.857	1.831	12.4	16.8
5 21	16 34.46	− 8 8.2	0.821	1.815	8.8	16.6
5 31	16 23.15	− 4 5.4	0.809	1.801	10.0	16.6
6 10	16 12.22	− 0 32.4	0.821	1.786	14.9	16.8
6 20	16 3.38	+ 2 13.6	0.853	1.772	20.4	17.0
6 30	15 57.86	+ 4 6.4	0.902	1.758	25.2	17.3

8578 Shojikato 5 29.2 236°.74 1°.1/29.6 18

4 21	16 52.61	−24 0.7	2.398	3.202	12.5	17.5
5 1	16 47.90	−24 23.0	2.302	3.195	9.9	17.3
5 11	16 41.11	−24 41.9	2.228	3.188	6.7	17.1
5 21	16 32.73	−24 56.5	2.181	3.181	3.3	16.8
5 31	16 23.52	−25 6.2	2.161	3.174	1.2	16.7
6 10	16 14.37	−25 11.3	2.170	3.166	4.3	16.9
6 20	16 6.15	−25 13.4	2.207	3.158	7.8	17.1
6 30	15 59.57	−25 14.5	2.269	3.150	10.9	17.3

379322 2009 WC_{36} 5 29.2 289°.22 2°.8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.39	−27 54.5	1.690	2.508	16.3	20.8
5 1	16 49.59	−28 15.9	1.595	2.494	13.1	20.6
5 11	16 42.85	−28 29.6	1.520	2.480	9.3	20.3
5 21	16 33.73	−28 33.3	1.468	2.465	5.2	20.0
5 31	16 23.29	−28 25.6	1.441	2.451	2.8	19.8
6 10	16 12.89	−28 7.6	1.441	2.437	6.0	20.0
6 20	16 3.83	−27 42.7	1.465	2.423	10.4	20.2
6 30	15 57.21	−27 15.8	1.512	2.409	14.4	20.4

297581 2001 SW_{10} 5 29.2 244°.34 4°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.61	− 9 58.2	2.627	3.434	11.4	21.7
5 1	16 45.20	− 8 58.0	2.526	3.417	9.2	21.5
5 11	16 39.10	− 7 58.5	2.449	3.400	6.8	21.3
5 21	16 31.74	− 7 2.6	2.399	3.382	4.8	21.2
5 31	16 23.75	− 6 13.8	2.377	3.364	4.7	21.1
6 10	16 15.82	− 5 35.3	2.384	3.345	6.6	21.2
6 20	16 8.65	− 5 8.9	2.417	3.326	9.2	21.3
6 30	16 2.80	− 4 55.7	2.474	3.306	11.7	21.5

164803 1999 JH_{65} 5 29.2 15°.62 6°.6/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.38	−14 33.8	1.020	1.894	20.6	18.4
5 1	16 44.72	−12 58.1	0.966	1.898	16.3	18.2
5 11	16 39.70	−11 19.4	0.930	1.904	11.5	17.9
5 21	16 32.21	− 9 46.3	0.913	1.911	7.5	17.7
5 31	16 23.66	− 8 28.2	0.919	1.919	7.1	17.8
6 10	16 15.69	− 7 32.9	0.946	1.929	10.8	18.0
6 20	16 9.63	− 7 4.0	0.993	1.940	15.2	18.3
6 30	16 6.39	− 7 1.5	1.057	1.952	19.3	18.6

479972 2014 JB_{38} 5 29.2 336°.10 1°.7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.33	−15 53.4	2.303	3.119	12.6	21.2
5 1	16 46.03	−16 1.0	2.215	3.116	9.8	21.0
5 11	16 39.78	−16 9.9	2.150	3.114	6.7	20.8
5 21	16 32.09	−16 20.6	2.111	3.113	3.3	20.6
5 31	16 23.68	−16 33.6	2.100	3.111	1.9	20.5
6 10	16 15.38	−16 49.5	2.117	3.109	4.8	20.7
6 20	16 8.00	−17 8.9	2.161	3.108	8.2	20.9
6 30	16 2.19	−17 32.5	2.230	3.106	11.2	21.1

471307 2011 HM_{72} 5 29.2 312°.62 7°.7/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.37	− 5 31.8	1.647	2.478	16.1	21.1
5 1	16 45.30	− 4 35.6	1.558	2.458	13.3	20.9
5 11	16 39.74	− 3 45.6	1.489	2.439	10.3	20.7
5 21	16 32.22	− 3 7.2	1.443	2.420	8.1	20.5
5 31	16 23.63	− 2 45.7	1.420	2.401	8.0	20.4
6 10	16 15.09	− 2 44.8	1.422	2.383	10.3	20.5
6 20	16 7.65	− 3 5.5	1.447	2.365	13.5	20.7
6 30	16 2.24	− 3 46.5	1.491	2.348	16.8	20.8

91878 1999 UV_{45} 5 29.3 174°.53 4°.2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.89	−34 59.2	2.617	3.391	12.4	19.6
5 1	16 48.08	−35 28.2	2.527	3.392	10.1	19.4
5 11	16 41.19	−35 47.8	2.459	3.392	7.7	19.3
5 21	16 32.75	−35 55.8	2.416	3.393	5.3	19.1
5 31	16 23.54	−35 51.0	2.401	3.393	4.2	19.0
6 10	16 14.49	−35 34.0	2.413	3.394	5.3	19.1
6 20	16 6.44	−35 7.3	2.452	3.394	7.6	19.2
6 30	16 0.11	−34 34.6	2.517	3.394	10.1	19.4

41674 2000 TV_{62} 5 29.3 145°.26 1°.4/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.61	−19 7.3	1.860	2.675	15.1	20.2
5 1	16 51.24	−18 51.4	1.784	2.686	11.8	20.0
5 11	16 43.40	−18 32.8	1.731	2.695	7.9	19.8
5 21	16 33.77	−18 12.4	1.702	2.705	3.8	19.6
5 31	16 23.35	−17 51.9	1.701	2.713	1.7	19.4
6 10	16 13.27	−17 33.5	1.728	2.721	5.6	19.7
6 20	16 4.54	−17 19.8	1.781	2.728	9.6	20.0
6 30	15 57.92	−17 12.8	1.858	2.735	13.1	20.2

318132 2004 ON_{10} 5 29.3 274°.46 6°.2/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.61	−41 38.8	2.672	3.415	12.9	21.6
5 1	16 50.63	−42 13.9	2.556	3.390	11.0	21.4
5 11	16 43.19	−42 37.0	2.460	3.363	9.0	21.2
5 21	16 33.80	−42 44.6	2.388	3.337	7.2	21.0
5 31	16 23.31	−42 33.7	2.342	3.310	6.2	20.9
6 10	16 12.79	−42 4.4	2.323	3.283	6.9	20.9
6 20	16 3.29	−41 19.2	2.331	3.255	8.8	21.0
6 30	15 55.71	−40 22.8	2.363	3.227	11.1	21.1

121404 1999 TW_{132} 5 29.3 121°.21 1°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.27	−25 16.1	1.826	2.636	15.6	20.4
5 1	16 51.86	−25 14.5	1.755	2.652	12.2	20.2
5 11	16 43.85	−25 5.9	1.705	2.667	8.3	20.0
5 21	16 33.98	−24 49.5	1.680	2.681	4.1	19.7
5 31	16 23.32	−24 26.1	1.682	2.695	1.2	19.6
6 10	16 13.09	−23 58.2	1.712	2.708	5.2	19.9
6 20	16 4.33	−23 29.2	1.768	2.721	9.2	20.1
6 30	15 57.83	−23 3.0	1.847	2.733	12.7	20.4

447459 2006 JK_{38} 5 29.3 263°.04 7°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.50	−15 34.4	1.227	2.075	19.5	21.3
5 1	16 50.92	−13 11.7	1.144	2.061	15.6	21.0
5 11	16 43.93	−10 35.0	1.081	2.047	11.3	20.7
5 21	16 34.27	− 7 53.8	1.041	2.033	7.9	20.5
5 31	16 23.24	− 5 21.2	1.026	2.018	8.3	20.5
6 10	16 12.46	− 3 10.9	1.036	2.003	12.2	20.6
6 20	16 3.42	− 1 32.5	1.067	1.988	17.0	20.8
6 30	15 57.23	− 0 29.9	1.117	1.973	21.3	21.1

163047 2001 XS_{237} 5 29.3 26°.85 0°.5/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.62	−22 44.5	1.252	2.098	19.3	19.5
5 1	16 50.24	−22 52.8	1.184	2.101	15.2	19.2
5 11	16 43.44	−22 55.7	1.134	2.105	10.3	18.9
5 21	16 34.02	−22 52.4	1.105	2.109	4.9	18.7
5 31	16 23.31	−22 43.4	1.100	2.113	1.1	18.4
6 10	16 12.98	−22 30.8	1.119	2.118	6.6	18.8
6 20	16 4.52	−22 18.4	1.161	2.124	11.9	19.1
6 30	15 58.99	−22 10.2	1.223	2.129	16.4	19.4

433565 2013 YP_{8} 5 29.3 181°.45 2°.0/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.29	−16 10.2	2.350	3.161	12.5	21.9
5 1	16 47.45	−15 55.8	2.264	3.162	9.8	21.7
5 11	16 40.68	−15 41.0	2.200	3.162	6.7	21.5
5 21	16 32.50	−15 27.2	2.162	3.162	3.4	21.3
5 31	16 23.64	−15 15.6	2.153	3.162	2.2	21.2
6 10	16 14.95	−15 8.0	2.172	3.161	5.0	21.4
6 20	16 7.20	−15 5.6	2.218	3.159	8.3	21.6
6 30	16 1.05	−15 9.7	2.289	3.157	11.3	21.8

396326 2014 DE_{47} 5 29.3 13°.63 5°.5/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.56	−35 27.8	1.920	2.713	15.5	20.4
5 1	16 48.63	−36 8.4	1.840	2.715	12.8	20.2
5 11	16 41.97	−36 37.2	1.781	2.718	9.8	20.1
5 21	16 33.23	−36 50.6	1.744	2.721	6.9	19.9
5 31	16 23.47	−36 46.5	1.733	2.725	5.5	19.8
6 10	16 13.95	−36 25.9	1.748	2.729	6.8	19.9
6 20	16 5.83	−35 52.3	1.787	2.734	9.6	20.1
6 30	16 0.02	−35 11.1	1.850	2.739	12.6	20.3

52113 3100 $P–L$ 5 29.3 53°.85 3°.8/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.59	−33 36.1	2.093	2.885	14.4	18.4
5 1	16 48.22	−33 41.5	2.010	2.889	11.7	18.2
5 11	16 41.44	−33 35.1	1.948	2.893	8.6	18.0
5 21	16 32.90	−33 15.1	1.910	2.896	5.5	17.9
5 31	16 23.56	−32 41.1	1.898	2.900	3.8	17.8
6 10	16 14.52	−31 55.5	1.914	2.904	5.5	17.9
6 20	16 6.77	−31 2.5	1.956	2.908	8.5	18.1
6 30	16 1.07	−30 7.2	2.022	2.912	11.6	18.3

500265 2012 LN_{10} 5 29.3 54°.44 6°.3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.42	−11 41.2	1.445	2.285	17.4	20.4
5 1	16 47.48	−10 11.2	1.392	2.304	13.8	20.2
5 11	16 40.94	− 8 43.1	1.361	2.323	10.0	20.0
5 21	16 32.62	− 7 23.3	1.353	2.342	6.9	19.9
5 31	16 23.64	− 6 18.2	1.370	2.361	6.7	20.0
6 10	16 15.23	− 5 32.6	1.411	2.381	9.4	20.2
6 20	16 8.39	− 5 8.5	1.475	2.401	12.8	20.4
6 30	16 3.81	− 5 5.4	1.560	2.421	16.0	20.7

363700 2004 TD_{278} 5 29.3 318°.95 1°.3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.40	−22 27.4	1.223	2.072	19.4	20.4
5 1	16 49.77	−22 59.4	1.139	2.058	15.5	20.1
5 11	16 43.53	−23 29.4	1.073	2.045	10.7	19.8
5 21	16 34.26	−23 55.3	1.028	2.032	5.2	19.4
5 31	16 23.23	−24 15.1	1.007	2.020	1.6	19.1
6 10	16 12.17	−24 28.9	1.008	2.008	7.1	19.5
6 20	16 2.82	−24 38.8	1.032	1.997	12.7	19.7
6 30	15 56.54	−24 48.4	1.075	1.987	17.7	20.0

68959 2002 RX_{45} 5 29.3 299°.63 0°.6/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.87	−20 45.5	1.463	2.302	17.3	19.1
5 1	16 48.77	−20 44.1	1.365	2.279	13.8	18.9
5 11	16 42.55	−20 39.2	1.286	2.257	9.4	18.5
5 21	16 33.73	−20 30.7	1.230	2.234	4.4	18.2
5 31	16 23.35	−20 19.5	1.198	2.212	1.2	17.9
6 10	16 12.89	−20 7.8	1.191	2.189	6.6	18.2
6 20	16 3.76	−19 58.5	1.208	2.167	11.9	18.4
6 30	15 57.20	−19 55.2	1.245	2.146	16.6	18.6

418944 2009 DB_{106} 5 29.3 74°.15 4°.7/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.81	−13 38.2	1.433	2.273	17.6	21.5
5 1	16 48.87	−12 47.9	1.366	2.279	13.9	21.3
5 11	16 42.11	−11 58.1	1.319	2.285	9.7	21.0
5 21	16 33.27	−11 13.1	1.295	2.292	5.9	20.8
5 31	16 23.51	−10 37.2	1.296	2.299	5.0	20.8
6 10	16 14.15	−10 14.3	1.322	2.305	8.3	21.0
6 20	16 6.36	−10 6.7	1.371	2.312	12.4	21.2
6 30	16 0.98	−10 14.8	1.440	2.319	16.1	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
503232 2015 HE_{108}			5 29.3 100°.83	4°.8/27.5 17		
	h m	° ′			°	m
4 21	16 52.66	− 8 46.9	2.151	2.961	13.5	22.0
5 1	16 47.63	− 8 12.2	2.089	2.982	10.7	21.8
5 11	16 40.69	− 7 42.2	2.050	3.002	7.8	21.7
5 21	16 32.45	− 7 19.6	2.037	3.022	5.4	21.6
5 31	16 23.70	− 7 6.8	2.050	3.041	4.9	21.6
6 10	16 15.30	− 7 5.4	2.092	3.060	6.9	21.7
6 20	16 7.99	− 7 15.7	2.159	3.079	9.6	21.9
6 30	16 2.37	− 7 37.3	2.250	3.097	12.2	22.1
8058 Zuckmayer			5 29.3 247°.85	0°.8/29.5 17		
4 21	16 56.84	−23 57.8	1.734	2.550	16.0	19.2
5 1	16 52.19	−24 2.7	1.633	2.533	12.8	18.9
5 11	16 44.57	−24 2.0	1.552	2.516	8.8	18.7
5 21	16 34.57	−23 54.5	1.496	2.498	4.3	18.3
5 31	16 23.20	−23 40.0	1.466	2.479	1.1	18.1
6 10	16 11.80	−23 20.2	1.462	2.459	5.8	18.3
6 20	16 1.69	−22 58.3	1.485	2.439	10.5	18.6
6 30	15 53.96	−22 38.5	1.530	2.418	14.8	18.8
185320 2006 UH_{331}			5 29.3 179°.60	3°.9/27.4 18		
4 21	16 48.87	−11 46.4	2.291	3.109	12.6	20.6
5 1	16 44.79	−11 4.5	2.209	3.109	9.9	20.4
5 11	16 38.89	−10 24.1	2.151	3.109	7.1	20.2
5 21	16 31.68	− 9 47.7	2.118	3.109	4.6	20.1
5 31	16 23.85	− 9 18.4	2.112	3.109	4.1	20.1
6 10	16 16.22	− 8 58.4	2.134	3.109	6.3	20.2
6 20	16 9.50	− 8 49.3	2.182	3.109	9.2	20.4
6 30	16 4.30	− 8 51.6	2.253	3.108	11.9	20.5
304497 2006 UE_{141}			5 29.3 157°.20	0°.3/29.2 18		
4 21	16 50.78	−21 15.8	2.718	3.522	11.2	21.8
5 1	16 46.05	−21 11.2	2.632	3.527	8.7	21.6
5 11	16 39.62	−21 3.8	2.570	3.532	5.8	21.5
5 21	16 31.99	−20 53.8	2.534	3.536	2.7	21.2
5 31	16 23.79	−20 42.0	2.527	3.541	0.7	21.1
6 10	16 15.77	−20 29.6	2.550	3.545	3.9	21.3
6 20	16 8.59	−20 18.4	2.600	3.548	6.9	21.5
6 30	16 2.81	−20 10.0	2.676	3.551	9.6	21.7
473078 2015 HQ_{114}			5 29.3 236°.62	4°.6/27.4 18		
4 21	16 51.09	− 9 29.0	2.235	3.047	13.0	21.4
5 1	16 46.66	− 8 54.2	2.142	3.036	10.4	21.2
5 11	16 40.25	− 8 22.5	2.072	3.026	7.6	21.0
5 21	16 32.36	− 7 56.8	2.027	3.014	5.2	20.9
5 31	16 23.70	− 7 39.8	2.010	3.003	4.8	20.8
6 10	16 15.15	− 7 33.7	2.020	2.991	6.9	20.9
6 20	16 7.49	− 7 39.6	2.056	2.979	9.9	21.1
6 30	16 1.42	− 7 57.6	2.116	2.966	12.8	21.2
307092 2002 AW_{179}			5 29.3 178°.83	3°.4/30.6 18		
4 21	16 59.55	−31 15.7	1.983	2.773	15.2	21.0
5 1	16 53.81	−31 28.9	1.895	2.775	12.3	20.8
5 11	16 45.32	−31 31.6	1.829	2.777	8.9	20.6
5 21	16 34.77	−31 21.5	1.787	2.777	5.3	20.4
5 31	16 23.20	−30 57.5	1.772	2.777	3.4	20.3
6 10	16 11.92	−30 21.5	1.785	2.776	5.6	20.4
6 20	16 2.05	−29 37.6	1.825	2.775	9.2	20.6
6 30	15 54.51	−28 51.4	1.889	2.772	12.7	20.8
457691 2009 DE_{140}			5 29.3 42°.32	0°.7/29.0 17		
4 21	16 52.49	−23 26.6	1.266	2.112	19.1	20.2
5 1	16 49.10	−22 46.8	1.203	2.121	15.0	20.0
5 11	16 42.47	−21 57.2	1.158	2.130	10.0	19.7
5 21	16 33.49	−20 59.7	1.135	2.139	4.6	19.4
5 31	16 23.50	−19 58.3	1.136	2.149	1.3	19.2
6 10	16 14.07	−18 59.1	1.162	2.160	6.7	19.6
6 20	16 6.51	−18 7.9	1.210	2.171	11.8	19.9
6 30	16 1.73	−17 29.3	1.280	2.182	16.1	20.2
213068 1999 SU_{23}			5 29.3 335°.17	2°.4/29.8 17		
4 21	16 45.63	−25 14.3	1.067	1.933	20.4	20.5
5 1	16 44.94	−25 39.5	0.984	1.913	16.4	20.2
5 11	16 40.55	−25 57.6	0.919	1.893	11.5	19.8
5 21	16 32.99	−26 6.5	0.872	1.876	6.0	19.4
5 31	16 23.55	−26 4.5	0.847	1.859	2.5	19.2
6 10	16 14.07	−25 53.1	0.843	1.845	7.6	19.4
6 20	16 6.40	−25 36.4	0.859	1.832	13.4	19.7
6 30	16 2.03	−25 20.1	0.893	1.821	18.8	19.9
314970 2006 XR_{8}			5 29.3 146°.72	2°.9/28.2 18		
4 21	16 51.40	−10 41.4	2.856	3.656	10.8	21.2
5 1	16 46.33	−10 38.7	2.775	3.664	8.5	21.0
5 11	16 39.72	−10 39.2	2.719	3.673	6.0	20.9
5 21	16 32.02	−10 44.1	2.689	3.680	3.7	20.7
5 31	16 23.82	−10 54.3	2.688	3.688	3.1	20.7
6 10	16 15.78	−11 10.4	2.717	3.695	4.9	20.8
6 20	16 8.51	−11 32.7	2.773	3.702	7.4	21.0
6 30	16 2.52	−12 0.9	2.855	3.708	9.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423898 2006 SN_{139}			5 29.3 258°.54	1°.0/29.5 17		
	h m	° ′			°	m
4 21	16 57.38	−22 56.1	1.879	2.689	15.2	21.5
5 1	16 52.49	−23 22.5	1.771	2.668	12.1	21.2
5 11	16 44.77	−23 46.6	1.684	2.646	8.4	20.9
5 21	16 34.70	−24 6.7	1.622	2.624	4.1	20.6
5 31	16 23.21	−24 21.4	1.588	2.601	1.3	20.4
6 10	16 11.55	−24 30.8	1.581	2.577	5.6	20.6
6 20	16 0.98	−24 36.3	1.600	2.552	10.1	20.8
6 30	15 52.61	−24 40.8	1.643	2.527	14.1	21.0
73171 2002 HE_{2}			5 29.3 4°.83	0°.2/29.3 18		
4 21	16 50.76	−18 38.2	1.074	1.937	20.6	18.4
5 1	16 48.52	−19 16.8	1.009	1.936	16.2	18.1
5 11	16 42.62	−19 57.8	0.961	1.937	11.0	17.8
5 21	16 33.79	−20 39.9	0.933	1.938	5.1	17.5
5 31	16 23.42	−21 21.1	0.928	1.941	1.1	17.2
6 10	16 13.34	−22 0.5	0.945	1.945	7.2	17.6
6 20	16 5.20	−22 38.2	0.983	1.951	12.8	18.0
6 30	16 0.24	−23 15.9	1.041	1.958	17.7	18.3
350718 2001 XL_{117}			5 29.3 163°.06	1°.4/28.7 18		
4 21	16 51.22	−16 32.3	2.901	3.703	10.6	21.7
5 1	16 46.24	−16 32.4	2.815	3.708	8.3	21.6
5 11	16 39.70	−16 32.7	2.752	3.713	5.6	21.4
5 21	16 32.03	−16 33.5	2.717	3.718	2.8	21.2
5 31	16 23.83	−16 35.7	2.711	3.721	1.5	21.1
6 10	16 15.77	−16 39.9	2.735	3.725	4.0	21.3
6 20	16 8.47	−16 47.1	2.787	3.728	6.8	21.5
6 30	16 2.46	−16 58.0	2.865	3.730	9.4	21.7
143428 2003 BV_{58}			5 29.3 96°.11	4°.8/27.3 18		
4 21	16 49.68	− 8 21.0	2.257	3.070	12.9	20.4
5 1	16 45.37	− 7 46.3	2.185	3.079	10.3	20.2
5 11	16 39.25	− 7 16.2	2.136	3.087	7.6	20.0
5 21	16 31.84	− 6 53.3	2.112	3.096	5.3	19.9
5 31	16 23.88	− 6 40.3	2.115	3.104	5.0	19.9
6 10	16 16.15	− 6 38.6	2.145	3.113	6.8	20.0
6 20	16 9.37	− 6 49.0	2.202	3.121	9.5	20.2
6 30	16 4.14	− 7 10.8	2.281	3.129	12.0	20.4
182189 2000 TM_{34}			5 29.3 240°.00	1°.1/28.7 18		
4 21	16 50.13	−18 43.6	2.661	3.469	11.3	21.5
5 1	16 45.69	−18 30.0	2.559	3.456	8.8	21.3
5 11	16 39.50	−18 14.5	2.480	3.443	6.0	21.1
5 21	16 32.00	−17 57.7	2.429	3.430	2.9	20.9
5 31	16 23.83	−17 40.9	2.405	3.417	1.4	20.8
6 10	16 15.73	−17 25.8	2.411	3.403	4.3	21.0
6 20	16 8.40	−17 13.9	2.445	3.389	7.5	21.1
6 30	16 2.45	−17 6.9	2.503	3.375	10.3	21.3
211900 2004 JP_{53}			5 29.3 275°.19	2°.4/30.0 18		
4 21	16 52.55	−27 33.6	2.261	3.062	13.2	20.8
5 1	16 48.15	−28 0.9	2.161	3.050	10.6	20.6
5 11	16 41.48	−28 22.8	2.083	3.038	7.5	20.3
5 21	16 33.03	−28 37.6	2.030	3.026	4.2	20.1
5 31	16 23.62	−28 43.9	2.005	3.014	2.4	20.0
6 10	16 14.23	−28 42.4	2.008	3.001	4.9	20.1
6 20	16 5.82	−28 34.7	2.037	2.989	8.3	20.3
6 30	15 59.21	−28 23.9	2.091	2.977	11.5	20.5
394358 2007 BY_{62}			5 29.3 232°.31	2°.0/30.2 18		
4 21	16 50.53	−28 40.0	2.441	3.241	12.4	21.2
5 1	16 46.24	−28 40.8	2.351	3.240	9.9	21.1
5 11	16 39.96	−28 34.2	2.284	3.239	6.9	20.9
5 21	16 32.23	−28 19.2	2.241	3.237	3.8	20.7
5 31	16 23.81	−27 56.2	2.227	3.236	2.0	20.5
6 10	16 15.57	−27 26.9	2.240	3.235	4.3	20.7
6 20	16 8.32	−26 54.0	2.281	3.234	7.4	20.9
6 30	16 2.71	−26 20.9	2.347	3.233	10.4	21.1
472530 2015 CP_{58}			5 29.3 11°.67	6°.1/28.0 17		
4 21	16 50.35	− 6 47.1	1.592	2.423	16.5	19.9
5 1	16 46.73	− 6 29.8	1.522	2.425	13.3	19.7
5 11	16 40.60	− 6 21.6	1.472	2.428	9.9	19.5
5 21	16 32.61	− 6 25.7	1.445	2.432	7.0	19.3
5 31	16 23.73	− 6 44.6	1.443	2.436	6.3	19.3
6 10	16 15.11	− 7 19.1	1.466	2.441	8.6	19.5
6 20	16 7.80	− 8 8.0	1.512	2.446	11.9	19.7
6 30	16 2.59	− 9 9.1	1.580	2.452	15.2	19.9
115132 2003 SM_{53}			5 29.3 237°.48	5°.1/31.7 18		
4 21	16 55.41	−37 5.3	2.089	2.866	15.0	20.3
5 1	16 50.68	−37 14.2	1.994	2.859	12.4	20.1
5 11	16 43.27	−37 8.9	1.920	2.853	9.5	19.9
5 21	16 33.86	−36 46.5	1.870	2.846	6.6	19.7
5 31	16 23.46	−36 5.8	1.845	2.839	5.1	19.6
6 10	16 13.32	−35 8.8	1.848	2.832	6.3	19.7
6 20	16 4.56	−34 0.5	1.877	2.824	9.2	19.8
6 30	15 58.03	−32 47.2	1.930	2.816	12.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
304578 2006 VN_{42}			5 29.3 334.°49		1.°0/28.9 16	
	h m	° ′			°	m
4 21	16 49.85	−19 28.4	2.117	2.938	13.4	21.3
5 1	16 45.88	−19 17.2	2.031	2.936	10.4	21.1
5 11	16 39.81	−19 3.5	1.968	2.934	7.0	20.9
5 21	16 32.19	−18 48.2	1.929	2.932	3.3	20.7
5 31	16 23.82	−18 32.6	1.918	2.930	1.4	20.5
6 10	16 15.63	−18 18.6	1.934	2.929	4.9	20.8
6 20	16 8.46	−18 8.2	1.977	2.927	8.6	21.0
6 30	16 3.01	−18 3.3	2.043	2.926	11.8	21.2
261147 2005 TQ_{76}			5 29.3 270.°15		3.°0/28.1 18	
4 21	16 50.59	−12 43.1	2.534	3.343	11.8	21.6
5 1	16 46.20	−12 27.8	2.424	3.319	9.3	21.3
5 11	16 39.95	−12 14.2	2.337	3.295	6.6	21.1
5 21	16 32.27	−12 3.8	2.276	3.271	3.9	20.9
5 31	16 23.80	−11 58.2	2.244	3.247	3.2	20.8
6 10	16 15.30	−11 59.0	2.240	3.222	5.5	20.9
6 20	16 7.52	−12 7.2	2.263	3.196	8.6	21.1
6 30	16 1.14	−12 23.4	2.310	3.171	11.5	21.2
241801 2001 QA_{227}			5 29.3 272.°74		3.°9/27.3 16	
4 21	16 49.21	−13 7.7	2.182	3.003	13.0	21.1
5 1	16 45.31	−12 15.7	2.086	2.988	10.3	20.9
5 11	16 39.42	−11 22.9	2.013	2.973	7.3	20.7
5 21	16 32.02	−10 32.3	1.965	2.958	4.6	20.5
5 31	16 23.86	− 9 47.6	1.945	2.943	4.2	20.5
6 10	16 15.80	− 9 12.1	1.951	2.928	6.7	20.6
6 20	16 8.65	− 8 48.2	1.984	2.913	9.8	20.7
6 30	16 3.10	− 8 37.3	2.040	2.897	12.9	20.9
152144 2005 JZ_{17}			5 29.3 253.°65		1.°5/29.7 18	
4 21	16 55.46	−24 41.5	1.707	2.526	16.1	20.6
5 1	16 51.11	−25 0.0	1.614	2.515	12.8	20.4
5 11	16 43.85	−25 13.4	1.541	2.504	8.9	20.1
5 21	16 34.26	−25 20.1	1.492	2.493	4.5	19.8
5 31	16 23.38	−25 19.1	1.469	2.481	1.6	19.6
6 10	16 12.55	−25 11.4	1.472	2.469	5.7	19.9
6 20	16 3.05	−24 59.8	1.501	2.457	10.3	20.1
6 30	15 55.94	−24 48.2	1.553	2.445	14.3	20.3
499519 2010 PN_{63}			5 29.3 244.°53		12.°5/ 2.8 17	
4 21	17 10.77	−54 12.3	2.081	2.759	17.8	22.4
5 1	17 4.60	−55 28.6	1.979	2.741	16.3	22.2
5 11	16 53.88	−56 25.9	1.894	2.721	14.7	22.1
5 21	16 39.23	−56 54.7	1.828	2.700	13.3	21.9
5 31	16 22.30	−56 46.7	1.784	2.679	12.5	21.8
6 10	16 5.43	−55 59.6	1.763	2.657	12.8	21.8
6 20	15 50.90	−54 37.3	1.764	2.634	14.0	21.8
6 30	15 40.35	−52 49.8	1.786	2.610	15.9	21.9
388768 2007 YO_{5}			5 29.3 56.°37		0.°2/29.2 17	
4 21	16 53.42	−19 58.7	1.936	2.755	14.5	20.9
5 1	16 48.70	−20 20.3	1.870	2.773	11.3	20.7
5 11	16 41.69	−20 40.7	1.826	2.791	7.5	20.5
5 21	16 33.04	−20 59.1	1.806	2.809	3.5	20.3
5 31	16 23.67	−21 15.4	1.814	2.828	0.8	20.1
6 10	16 14.63	−21 30.1	1.850	2.846	4.8	20.4
6 20	16 6.83	−21 44.3	1.911	2.865	8.6	20.7
6 30	16 1.00	−21 59.6	1.997	2.884	11.9	20.9
337769 2001 US_{145}			5 29.3 86.°97		2.°0/29.8 18	
4 21	16 56.34	−25 48.3	2.342	3.137	13.0	20.5
5 1	16 50.69	−26 31.4	2.271	3.158	10.3	20.3
5 11	16 42.91	−27 10.2	2.224	3.178	7.1	20.2
5 21	16 33.59	−27 42.7	2.202	3.199	3.8	20.0
5 31	16 23.56	−28 7.4	2.210	3.219	2.1	19.9
6 10	16 13.78	−28 24.5	2.246	3.239	4.5	20.1
6 20	16 5.13	−28 35.2	2.310	3.259	7.6	20.3
6 30	15 58.29	−28 42.0	2.399	3.278	10.5	20.5
156283 2001 WN_{9}			5 29.3 144.°31		2.°5/28.3 18	
4 21	16 53.64	−15 41.1	2.149	2.962	13.5	20.7
5 1	16 48.59	−15 14.0	2.073	2.972	10.5	20.5
5 11	16 41.48	−14 46.4	2.019	2.981	7.2	20.3
5 21	16 32.91	−14 20.1	1.991	2.990	3.8	20.1
5 31	16 23.70	−13 57.2	1.991	2.998	2.8	20.1
6 10	16 14.77	−13 39.9	2.019	3.006	5.6	20.3
6 20	16 6.93	−13 30.0	2.074	3.013	8.9	20.5
6 30	16 0.85	−13 28.6	2.154	3.020	12.0	20.7
270337 2001 XU_{185}			5 29.3 187.°98		1.°7/28.6 18	
4 21	16 53.81	−17 13.3	2.241	3.051	13.1	21.6
5 1	16 48.79	−17 0.0	2.152	3.050	10.2	21.4
5 11	16 41.68	−16 45.7	2.086	3.049	6.9	21.2
5 21	16 33.05	−16 31.3	2.046	3.047	3.5	21.0
5 31	16 23.66	−16 18.2	2.035	3.045	2.0	20.9
6 10	16 14.45	−16 8.3	2.052	3.042	5.1	21.1
6 20	16 6.23	−16 3.0	2.096	3.039	8.6	21.3
6 30	15 59.73	−16 4.0	2.164	3.035	11.8	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
58974 1998 RP_{22}			5 29.3 239.°19		0.°4/29.2 18	
	h m	° ′			°	m
4 21	16 54.62	−21 49.3	1.934	2.749	14.7	20.5
5 1	16 49.99	−21 37.9	1.835	2.736	11.6	20.3
5 11	16 42.83	−21 21.7	1.758	2.723	7.8	20.1
5 21	16 33.70	−21 0.8	1.706	2.709	3.7	19.8
5 31	16 23.51	−20 36.4	1.681	2.694	0.9	19.5
6 10	16 13.40	−20 10.7	1.684	2.679	5.3	19.8
6 20	16 4.44	−19 46.8	1.713	2.664	9.6	20.0
6 30	15 57.51	−19 27.9	1.765	2.648	13.4	20.2
464117 2014 WG_{465}			5 29.3 193.°75		0.°8/29.6 17	
4 21	16 55.21	−25 47.9	1.762	2.578	15.8	21.4
5 1	16 50.58	−25 27.7	1.677	2.577	12.5	21.2
5 11	16 43.23	−24 58.3	1.612	2.575	8.6	21.0
5 21	16 33.85	−24 19.7	1.572	2.573	4.1	20.7
5 31	16 23.50	−23 33.3	1.558	2.571	1.0	20.5
6 10	16 13.44	−22 42.8	1.571	2.569	5.4	20.8
6 20	16 4.80	−21 52.9	1.611	2.566	9.8	21.0
6 30	15 58.45	−21 8.4	1.673	2.562	13.7	21.2
151699 2003 AA_{94}			5 29.3 173.°31		0.°9/29.1 17	
4 21	16 56.74	−17 49.5	2.092	2.900	13.9	20.1
5 1	16 51.26	−18 6.4	2.006	2.903	10.9	19.9
5 11	16 43.46	−18 23.7	1.942	2.905	7.4	19.7
5 21	16 33.91	−18 41.2	1.905	2.907	3.5	19.5
5 31	16 23.48	−18 58.5	1.895	2.908	1.3	19.3
6 10	16 13.21	−19 16.2	1.915	2.909	5.0	19.6
6 20	16 4.05	−19 35.0	1.961	2.909	8.8	19.8
6 30	15 56.79	−19 56.2	2.033	2.908	12.2	20.0
364567 2007 PB_{13}			5 29.3 286.°79		2.°2/28.8 17	
4 21	16 53.71	−17 14.2	1.401	2.241	17.9	20.8
5 1	16 50.30	−17 9.2	1.307	2.222	14.3	20.5
5 11	16 43.65	−17 4.0	1.232	2.202	9.8	20.2
5 21	16 34.31	−16 59.8	1.179	2.182	4.9	19.9
5 31	16 23.36	−16 57.9	1.150	2.162	2.5	19.7
6 10	16 12.32	−17 0.4	1.146	2.141	7.3	19.9
6 20	16 2.67	−17 9.5	1.165	2.121	12.6	20.1
6 30	15 55.67	−17 27.2	1.205	2.102	17.3	20.3
355237 2007 CY_{28}			5 29.3 141.°58		0.°1/29.3 18	
4 21	16 50.30	−22 32.2	3.308	4.102	9.6	23.0
5 1	16 45.31	−22 20.3	3.226	4.115	7.4	22.9
5 11	16 38.96	−22 4.9	3.168	4.128	5.0	22.7
5 21	16 31.67	−21 46.6	3.139	4.141	2.3	22.5
5 31	16 23.97	−21 26.1	3.139	4.153	0.5	22.4
6 10	16 16.47	−21 4.8	3.170	4.164	3.2	22.6
6 20	16 9.69	−20 44.3	3.229	4.175	5.8	22.8
6 30	16 4.08	−20 26.2	3.315	4.185	8.1	23.0
37424 2001 YA_{3}			5 29.3 218.°13		6.°5/31.8 18	
4 21	16 59.16	−39 48.6	2.237	2.993	14.7	18.2
5 1	16 53.72	−40 29.7	2.139	2.985	12.4	18.0
5 11	16 45.44	−40 58.0	2.062	2.977	9.9	17.8
5 21	16 34.95	−41 8.9	2.009	2.967	7.6	17.6
5 31	16 23.27	−40 59.4	1.981	2.958	6.5	17.5
6 10	16 11.71	−40 29.8	1.981	2.948	7.3	17.6
6 20	16 1.49	−39 43.6	2.006	2.937	9.6	17.7
6 30	15 53.60	−38 46.8	2.056	2.926	12.3	17.8
417699 2007 BZ_{59}			5 29.3 94.°47		2.°6/28.1 18	
4 21	16 55.62	−17 24.8	1.899	2.715	14.8	21.3
5 1	16 50.14	−16 35.6	1.840	2.742	11.5	21.1
5 11	16 42.46	−15 44.1	1.805	2.768	7.7	20.9
5 21	16 33.31	−14 53.0	1.795	2.794	4.0	20.8
5 31	16 23.66	−14 5.8	1.812	2.820	2.9	20.7
6 10	16 14.54	−13 25.7	1.858	2.845	6.0	21.0
6 20	16 6.78	−12 55.4	1.930	2.869	9.5	21.2
6 30	16 1.01	−12 36.6	2.025	2.892	12.6	21.5
510497 2011 YY_{40}			5 29.3 283.°99		2.°5/30.7 18	
4 21	16 51.11	−31 20.4	2.296	3.091	13.2	20.9
5 1	16 46.90	−31 6.8	2.198	3.083	10.6	20.7
5 11	16 40.52	−30 42.4	2.123	3.074	7.6	20.5
5 21	16 32.54	−30 6.4	2.072	3.066	4.4	20.3
5 31	16 23.79	−29 19.3	2.049	3.057	2.5	20.2
6 10	16 15.25	−28 23.8	2.054	3.049	4.7	20.3
6 20	16 7.78	−27 23.9	2.086	3.040	8.0	20.5
6 30	16 2.12	−26 24.2	2.143	3.032	11.1	20.7
94334 2001 OU_{85}			5 29.3 195.°43		5.°8/26.3 18	
4 21	16 57.66	−17 36.0	1.324	2.160	18.9	18.8
5 1	16 52.98	−15 27.2	1.247	2.159	15.0	18.6
5 11	16 45.07	−13 6.4	1.191	2.158	10.5	18.3
5 21	16 34.75	−10 41.3	1.159	2.155	6.5	18.1
5 31	16 23.35	− 8 23.1	1.154	2.153	6.4	18.1
6 10	16 12.43	− 6 23.2	1.175	2.149	10.3	18.3
6 20	16 3.31	− 4 49.8	1.219	2.145	14.8	18.5
6 30	15 56.97	− 3 46.6	1.283	2.141	18.9	18.8

468030 2013 PG_{25} 5 29.3 280°.12 4°.5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.14	−31 45.6	1.646	2.456	17.0	21.0
5 1	16 51.27	−32 15.7	1.550	2.441	13.9	20.8
5 11	16 44.20	−32 35.3	1.474	2.426	10.3	20.5
5 21	16 34.52	−32 40.8	1.420	2.410	6.5	20.3
5 31	16 23.36	−32 29.4	1.391	2.395	4.5	20.1
6 10	16 12.22	−32 2.1	1.388	2.379	6.9	20.2
6 20	16 2.56	−31 22.9	1.409	2.364	10.9	20.4
6 30	15 55.56	−30 38.3	1.452	2.349	14.9	20.6

314104 2005 ER_{78} 5 29.3 50°.00 3°.3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.15	−15 46.7	1.317	2.162	18.5	20.6
5 1	16 49.38	−15 23.6	1.257	2.174	14.5	20.4
5 11	16 42.58	−15 1.0	1.217	2.187	9.9	20.2
5 21	16 33.57	−14 41.3	1.198	2.199	5.2	19.9
5 31	16 23.60	−14 27.3	1.203	2.212	3.5	19.9
6 10	16 14.13	−14 21.7	1.233	2.226	7.4	20.1
6 20	16 6.38	−14 26.2	1.287	2.239	12.0	20.4
6 30	16 1.24	−14 41.5	1.361	2.253	16.0	20.7

428838 2008 UC_{2} 5 29.3 295°.49 0°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.36	−25 36.6	1.733	2.557	15.7	20.2
5 1	16 47.86	−25 2.1	1.629	2.534	12.5	19.9
5 11	16 41.63	−24 16.4	1.545	2.511	8.6	19.6
5 21	16 33.23	−23 19.7	1.486	2.489	4.1	19.3
5 31	16 23.65	−22 14.3	1.452	2.466	0.8	19.0
6 10	16 14.13	−21 4.6	1.445	2.443	5.7	19.3
6 20	16 5.86	−19 56.5	1.464	2.421	10.4	19.5
6 30	15 59.82	−18 55.8	1.505	2.398	14.7	19.7

496531 2014 WA_{144} 5 29.3 44°.85 0°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.80	−23 49.9	1.392	2.231	18.1	21.3
5 1	16 49.16	−23 31.8	1.326	2.240	14.2	21.1
5 11	16 42.46	−23 5.6	1.279	2.249	9.6	20.8
5 21	16 33.53	−22 31.9	1.255	2.259	4.5	20.6
5 31	16 23.62	−21 52.9	1.255	2.269	0.9	20.3
6 10	16 14.19	−21 12.7	1.281	2.280	6.1	20.7
6 20	16 6.49	−20 36.1	1.330	2.290	10.9	21.0
6 30	16 1.40	−20 7.1	1.401	2.302	15.1	21.3

355116 2006 UU_{85} 5 29.3 156°.02 0°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.11	−20 58.2	2.421	3.233	12.2	21.3
5 1	16 45.74	−20 26.9	2.336	3.236	9.5	21.1
5 11	16 39.53	−19 51.3	2.274	3.238	6.3	20.9
5 21	16 32.03	−19 12.6	2.238	3.241	3.0	20.7
5 31	16 23.93	−18 32.8	2.231	3.243	1.2	20.6
6 10	16 16.06	−17 54.5	2.252	3.245	4.5	20.8
6 20	16 9.13	−17 20.4	2.300	3.247	7.7	21.0
6 30	16 3.74	−16 52.8	2.374	3.249	10.7	21.2

432806 2011 GF_{37} 5 29.3 295°.12 2°.0/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.80	−14 36.7	1.755	2.577	15.6	20.8
5 1	16 50.34	−15 1.8	1.663	2.568	12.3	20.6
5 11	16 43.20	−15 31.4	1.593	2.558	8.5	20.3
5 21	16 33.95	−16 5.7	1.547	2.549	4.3	20.1
5 31	16 23.51	−16 44.2	1.528	2.539	2.2	19.9
6 10	16 13.08	−17 26.6	1.536	2.530	6.0	20.1
6 20	16 3.82	−18 12.2	1.570	2.521	10.3	20.3
6 30	15 56.71	−19 1.0	1.628	2.512	14.2	20.6

372491 2009 SR_{240} 5 29.3 172°.11 8°.4/ 2.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.34	−44 58.8	2.076	2.814	16.2	20.9
5 1	16 55.76	−45 45.0	1.992	2.817	14.1	20.7
5 11	16 46.95	−46 14.2	1.927	2.818	11.7	20.6
5 21	16 35.66	−46 20.6	1.884	2.820	9.6	20.5
5 31	16 23.17	−46 0.8	1.865	2.821	8.5	20.4
6 10	16 11.03	−45 15.3	1.872	2.822	9.0	20.4
6 20	16 0.64	−44 9.2	1.904	2.822	10.8	20.5
6 30	15 53.03	−42 50.0	1.958	2.822	13.1	20.7

217583 2008 CL_{86} 5 29.3 321°.66 5°.2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.79	−11 39.2	1.364	2.212	17.9	20.3
5 1	16 47.02	−11 10.1	1.281	2.197	14.3	20.1
5 11	16 41.27	−10 44.6	1.217	2.184	10.3	19.8
5 21	16 33.13	−10 26.6	1.174	2.170	6.4	19.5
5 31	16 23.68	−10 19.9	1.155	2.158	5.5	19.4
6 10	16 14.32	−10 27.5	1.160	2.146	8.8	19.6
6 20	16 6.36	−10 50.5	1.187	2.135	13.2	19.8
6 30	16 0.88	−11 28.4	1.234	2.124	17.5	20.0

356593 2011 SC_{276} 5 29.3 219°.68 0°.4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.04	−23 51.4	2.810	3.609	11.0	22.6
5 1	16 46.35	−23 45.1	2.709	3.600	8.6	22.4
5 11	16 39.93	−23 34.5	2.631	3.591	5.9	22.2
5 21	16 32.23	−23 19.4	2.580	3.582	2.8	22.0
5 31	16 23.90	−23 0.4	2.558	3.572	0.6	21.8
6 10	16 15.66	−22 39.0	2.566	3.561	3.8	22.1
6 20	16 8.20	−22 17.1	2.601	3.550	6.8	22.2
6 30	16 2.12	−21 57.1	2.662	3.539	9.6	22.4

1761 Edmondson 5 29.3 94°.77 0°.2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.74	−21 41.0	2.530	3.336	11.9	17.1
5 1	16 46.82	−21 36.2	2.461	3.356	9.2	16.9
5 11	16 40.16	−21 28.1	2.414	3.377	6.2	16.7
5 21	16 32.28	−21 17.1	2.394	3.397	2.8	16.5
5 31	16 23.92	−21 4.1	2.403	3.416	0.6	16.4
6 10	16 15.84	−20 50.4	2.441	3.436	4.0	16.7
6 20	16 8.73	−20 37.8	2.506	3.455	7.1	16.9
6 30	16 3.15	−20 28.3	2.597	3.474	9.8	17.1

281488 2008 SW_{267} 5 29.3 186°.30 2°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.42	−15 26.2	2.084	2.903	13.6	21.2
5 1	16 47.05	−14 52.9	2.000	2.903	10.7	21.0
5 11	16 40.58	−14 18.8	1.939	2.902	7.3	20.8
5 21	16 32.59	−13 46.0	1.903	2.902	4.0	20.6
5 31	16 23.86	−13 17.2	1.895	2.901	3.1	20.5
6 10	16 15.35	−12 54.9	1.914	2.900	5.9	20.7
6 20	16 7.88	−12 41.2	1.960	2.899	9.3	20.9
6 30	16 2.16	−12 37.3	2.028	2.897	12.5	21.1

432402 2009 YF_{21} 5 29.3 223°.40 3°.7/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.22	−10 38.2	2.194	3.002	13.4	21.4
5 1	16 49.21	−10 30.9	2.100	2.993	10.7	21.2
5 11	16 42.07	−10 27.8	2.028	2.984	7.6	21.0
5 21	16 33.32	−10 30.5	1.982	2.974	4.7	20.8
5 31	16 23.71	−10 40.7	1.964	2.964	3.9	20.7
6 10	16 14.16	−10 59.1	1.974	2.954	6.3	20.8
6 20	16 5.56	−11 26.1	2.010	2.943	9.5	21.0
6 30	15 58.65	−12 1.5	2.071	2.931	12.6	21.2

79805 1998 VQ_{20} 5 29.3 194°.15 0°.4/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.05	−22 45.7	2.090	2.896	14.0	19.7
5 1	16 50.86	−22 53.5	1.999	2.894	11.0	19.5
5 11	16 43.28	−22 57.4	1.930	2.892	7.5	19.3
5 21	16 33.89	−22 56.8	1.887	2.889	3.5	19.0
5 31	16 23.59	−22 51.7	1.872	2.885	0.8	18.8
6 10	16 13.43	−22 43.3	1.885	2.881	4.8	19.1
6 20	16 4.40	−22 33.9	1.925	2.876	8.7	19.3
6 30	15 57.32	−22 26.1	1.989	2.870	12.2	19.5

79653 1998 SW_{21} 5 29.3 234°.94 4°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.96	−32 52.7	2.015	2.802	15.1	20.3
5 1	16 52.89	−33 23.5	1.914	2.790	12.4	20.1
5 11	16 44.99	−33 44.6	1.834	2.777	9.2	19.8
5 21	16 34.82	−33 52.5	1.778	2.763	6.0	19.6
5 31	16 23.39	−33 44.8	1.749	2.749	4.4	19.5
6 10	16 12.00	−33 22.1	1.747	2.734	6.2	19.6
6 20	16 1.87	−32 47.7	1.771	2.718	9.6	19.7
6 30	15 54.04	−32 6.9	1.819	2.702	13.0	19.9

253771 2003 WG_{131} 5 29.3 245°.74 1°.1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.19	−25 10.8	1.871	2.681	15.2	22.1
5 1	16 51.48	−25 9.8	1.768	2.665	12.1	21.9
5 11	16 44.03	−25 1.9	1.687	2.648	8.4	21.6
5 21	16 34.38	−24 46.1	1.629	2.630	4.2	21.3
5 31	16 23.51	−24 22.4	1.599	2.612	1.2	21.1
6 10	16 12.66	−23 52.9	1.596	2.593	5.4	21.3
6 20	16 3.02	−23 21.0	1.620	2.574	9.8	21.5
6 30	15 55.58	−22 51.2	1.667	2.554	13.8	21.7

23275 2000 YP_{101} 5 29.3 262°.76 5°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.32	− 3 52.4	2.482	3.283	12.2	19.0
5 1	16 45.13	− 3 19.4	2.389	3.270	10.0	18.8
5 11	16 39.18	− 2 52.9	2.319	3.257	7.8	18.6
5 21	16 31.94	− 2 36.0	2.274	3.243	6.2	18.5
5 31	16 24.03	− 2 31.4	2.256	3.230	6.0	18.5
6 10	16 16.19	− 2 40.6	2.265	3.216	7.6	18.6
6 20	16 9.12	− 3 3.9	2.300	3.202	9.9	18.7
6 30	16 3.43	− 3 40.4	2.358	3.189	12.3	18.8

309065 2006 UZ_{338} 5 29.3 202°.42 2°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.61	−14 41.1	2.588	3.396	11.5	20.6
5 1	16 46.05	−14 38.3	2.497	3.394	9.0	20.4
5 11	16 39.76	−14 36.8	2.431	3.392	6.2	20.3
5 21	16 32.19	−14 37.4	2.391	3.389	3.3	20.1
5 31	16 23.99	−14 41.1	2.379	3.387	2.2	20.0
6 10	16 15.90	−14 48.7	2.396	3.384	4.7	20.1
6 20	16 8.61	−15 1.1	2.440	3.381	7.7	20.3
6 30	16 2.73	−15 18.8	2.510	3.377	10.4	20.5

814 Tauris 5 29.3 245°.50 3°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.53	− 9 38.8	3.016	3.812	10.4	14.7
5 1	16 46.57	− 9 35.0	2.908	3.793	8.3	14.5
5 11	16 40.04	− 9 34.8	2.823	3.775	6.0	14.3
5 21	16 32.33	− 9 39.5	2.766	3.755	3.8	14.2
5 31	16 23.96	− 9 50.2	2.738	3.735	3.3	14.1
6 10	16 15.59	−10 7.6	2.740	3.715	5.1	14.2
6 20	16 7.84	−10 32.0	2.770	3.694	7.6	14.3
6 30	16 1.25	−11 3.3	2.826	3.673	10.0	14.5

371890 2008 CH_{87} 5 29.3 276°.64 2°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.43	−16 35.2	1.628	2.459	16.3	21.2
5 1	16 49.53	−16 26.0	1.534	2.443	12.9	20.9
5 11	16 42.82	−16 16.7	1.460	2.427	8.9	20.6
5 21	16 33.86	−16 8.6	1.410	2.411	4.5	20.4
5 31	16 23.62	−16 3.3	1.385	2.395	2.6	20.2
6 10	16 13.40	−16 2.9	1.386	2.379	6.7	20.4
6 20	16 4.41	−16 9.1	1.412	2.363	11.2	20.6
6 30	15 57.70	−16 23.7	1.460	2.347	15.4	20.8

41851 2000 WK_{87} 5 29.3 206°.34 0°.2/29.3 18

4 21	16 56.44	−20 45.4	1.753	2.572	15.8	19.2
5 1	16 51.63	−20 53.9	1.666	2.569	12.4	19.0
5 11	16 44.06	−21 0.0	1.600	2.565	8.4	18.7
5 21	16 34.36	−21 3.2	1.558	2.561	3.9	18.5
5 31	16 23.55	−21 3.5	1.543	2.556	0.9	18.2
6 10	16 12.87	−21 2.3	1.555	2.551	5.6	18.5
6 20	16 3.52	−21 1.5	1.592	2.546	10.0	18.8
6 30	15 56.43	−21 3.8	1.653	2.540	14.0	19.0

184718 2005 SU_{160} 5 29.3 60°.21 2°.7/28.0 17

4 21	16 49.01	−15 40.8	2.188	3.009	13.0	20.3
5 1	16 45.01	−15 3.5	2.113	3.017	10.1	20.1
5 11	16 39.12	−14 25.4	2.061	3.025	6.9	19.9
5 21	16 31.89	−13 48.7	2.034	3.033	3.8	19.7
5 31	16 24.08	−13 16.0	2.035	3.041	2.9	19.7
6 10	16 16.52	−12 49.9	2.063	3.049	5.6	19.8
6 20	16 9.96	−12 32.2	2.118	3.057	8.7	20.1
6 30	16 5.01	−12 24.3	2.196	3.065	11.7	20.3

158601 2002 VR_{121} 5 29.3 49°.04 0°.9/30.0 18

4 21	16 43.74	−27 3.1	4.170	4.961	7.8	19.7
5 1	16 40.14	−26 51.1	4.080	4.965	6.1	19.6
5 11	16 35.50	−26 34.8	4.014	4.970	4.2	19.5
5 21	16 30.13	−26 14.3	3.976	4.974	2.2	19.3
5 31	16 24.44	−25 50.2	3.967	4.979	0.9	19.2
6 10	16 18.87	−25 23.8	3.987	4.983	2.6	19.4
6 20	16 13.82	−24 56.3	4.037	4.987	4.6	19.5
6 30	16 9.64	−24 29.5	4.113	4.992	6.5	19.7

468690 2009 SG_{271} 5 29.3 24°.05 12°.7/20.3 17

4 21	16 50.50	− 1 53.6	1.426	2.256	18.2	20.2
5 1	16 46.94	+ 1 29.2	1.373	2.261	15.5	20.0
5 11	16 40.77	+ 4 45.2	1.343	2.267	13.4	19.9
5 21	16 32.73	+ 7 40.4	1.338	2.274	12.7	19.9
5 31	16 23.92	+10 2.2	1.357	2.281	13.6	19.9
6 10	16 15.55	+11 43.0	1.398	2.289	15.7	20.1
6 20	16 8.65	+12 41.4	1.459	2.297	18.1	20.3
6 30	16 3.98	+13 0.7	1.537	2.306	20.3	20.5

240819 2006 AE_{61} 5 29.3 276°.00 1°.6/28.8 17

4 21	16 54.53	−20 5.9	1.458	2.293	17.6	21.2
5 1	16 50.92	−19 43.5	1.358	2.270	14.0	20.9
5 11	16 44.10	−19 15.5	1.277	2.247	9.6	20.6
5 21	16 34.59	−18 43.0	1.219	2.223	4.6	20.3
5 31	16 23.49	−18 8.0	1.186	2.198	2.0	20.0
6 10	16 12.27	−17 34.4	1.178	2.174	7.1	20.3
6 20	16 2.44	−17 6.7	1.194	2.149	12.4	20.5
6 30	15 55.21	−16 48.9	1.230	2.123	17.3	20.7

131094 2001 AQ_{3} 5 29.3 155°.52 5°.4/27.4 18

4 21	16 52.76	− 6 5.8	2.283	3.085	13.1	20.4
5 1	16 47.79	− 5 35.8	2.207	3.092	10.6	20.2
5 11	16 40.93	− 5 12.0	2.154	3.098	8.0	20.1
5 21	16 32.73	− 4 57.0	2.126	3.104	5.8	20.0
5 31	16 23.92	− 4 53.4	2.125	3.109	5.5	19.9
6 10	16 15.33	− 5 2.3	2.152	3.113	7.3	20.1
6 20	16 7.70	− 5 24.0	2.206	3.118	9.8	20.2
6 30	16 1.65	− 5 57.4	2.282	3.121	12.4	20.4

398820 2013 BY_{63} 5 29.3 133°.04 5°.6/26.8 18

4 21	16 49.04	− 3 35.9	2.605	3.404	11.8	21.6
5 1	16 44.68	− 3 0.4	2.531	3.410	9.6	21.4
5 11	16 38.74	− 2 31.6	2.480	3.416	7.5	21.3
5 21	16 31.69	− 2 12.4	2.455	3.422	5.9	21.2
5 31	16 24.14	− 2 4.9	2.457	3.428	5.8	21.2
6 10	16 16.79	− 2 10.6	2.486	3.433	7.2	21.3
6 20	16 10.23	− 2 29.4	2.540	3.438	9.2	21.4
6 30	16 4.99	− 3 0.4	2.619	3.444	11.4	21.6

321121 2008 UY_{11} 5 29.3 304°.76 0°.7/29.6 17

4 21	16 51.43	−24 18.1	1.704	2.530	15.8	20.9
5 1	16 47.90	−24 13.4	1.612	2.519	12.5	20.7
5 11	16 41.65	−24 2.0	1.541	2.508	8.6	20.4
5 21	16 33.29	−23 43.4	1.494	2.496	4.1	20.1
5 31	16 23.80	−23 18.5	1.472	2.486	1.0	19.9
6 10	16 14.43	−22 49.6	1.477	2.475	5.5	20.2
6 20	16 6.36	−22 20.6	1.506	2.464	10.0	20.4
6 30	16 0.52	−21 55.3	1.558	2.454	14.1	20.6

422668 1999 UM_{28} 5 29.3 276°.43 0°.5/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.56	−23 2.0	1.623	2.448	16.5	22.2
5 1	16 50.68	−23 6.3	1.522	2.428	13.2	21.9
5 11	16 43.78	−23 5.7	1.441	2.407	9.1	21.6
5 21	16 34.40	−22 59.3	1.383	2.386	4.3	21.3
5 31	16 23.56	−22 47.0	1.351	2.364	0.9	21.0
6 10	16 12.64	−22 30.6	1.345	2.343	6.0	21.3
6 20	16 3.00	−22 13.2	1.363	2.321	11.0	21.5
6 30	15 55.80	−21 58.9	1.404	2.299	15.4	21.7

192721 1999 TH_{145} 5 29.3 184°.15 4°.4/26.9 18

4 21	16 51.35	− 8 51.6	2.663	3.464	11.5	21.2
5 1	16 46.47	− 8 1.7	2.578	3.465	9.2	21.1
5 11	16 39.95	− 7 14.1	2.517	3.464	6.8	20.9
5 21	16 32.27	− 6 31.9	2.482	3.463	4.8	20.8
5 31	16 24.05	− 5 57.7	2.476	3.462	4.7	20.8
6 10	16 15.99	− 5 34.0	2.499	3.460	6.4	20.9
6 20	16 8.73	− 5 21.9	2.548	3.457	8.8	21.0
6 30	16 2.83	− 5 21.8	2.621	3.453	11.2	21.2

473252 2015 ML_{6} 5 29.3 201°.04 3°.8/27.6 18

4 21	16 48.83	− 9 59.1	2.644	3.452	11.3	21.6
5 1	16 44.59	− 9 31.8	2.557	3.450	9.0	21.4
5 11	16 38.74	− 9 7.5	2.495	3.448	6.5	21.3
5 21	16 31.73	− 8 48.1	2.458	3.446	4.3	21.1
5 31	16 24.16	− 8 35.6	2.449	3.443	3.9	21.1
6 10	16 16.73	− 8 31.7	2.469	3.441	5.8	21.2
6 20	16 10.06	− 8 37.1	2.515	3.438	8.3	21.4
6 30	16 4.70	− 8 51.9	2.585	3.435	10.7	21.5

209435 2004 FV_{63} 5 29.3 55°.85 3°.4/30.4 17

4 21	16 54.03	−29 58.3	2.124	2.922	14.1	20.4
5 1	16 49.45	−30 37.1	2.039	2.924	11.3	20.2
5 11	16 42.43	−31 8.8	1.977	2.927	8.2	20.0
5 21	16 33.58	−31 30.9	1.939	2.929	5.0	19.8
5 31	16 23.79	−31 41.6	1.928	2.932	3.4	19.7
6 10	16 14.15	−31 41.3	1.945	2.935	5.4	19.8
6 20	16 5.68	−31 32.3	1.988	2.938	8.6	20.0
6 30	15 59.20	−31 18.0	2.055	2.941	11.6	20.2

383331 2006 KS_{48} 5 29.3 14°.46 1°.3/28.9 17

4 21	16 51.75	−18 26.0	1.848	2.674	14.8	20.9
5 1	16 47.70	−18 23.1	1.767	2.674	11.6	20.7
5 11	16 41.25	−18 19.0	1.708	2.675	7.8	20.5
5 21	16 33.02	−18 14.4	1.673	2.676	3.7	20.2
5 31	16 23.91	−18 10.3	1.665	2.677	1.6	20.1
6 10	16 15.01	−18 8.3	1.684	2.679	5.5	20.3
6 20	16 7.30	−18 10.2	1.728	2.680	9.5	20.6
6 30	16 1.58	−18 17.4	1.795	2.682	13.0	20.8

775 Lumière 5 29.3 137°.18 3°.2/30.9 18

4 21	16 53.07	−32 48.0	2.374	3.160	13.1	15.4
5 1	16 48.35	−32 51.4	2.289	3.165	10.6	15.3
5 11	16 41.47	−32 44.6	2.225	3.170	7.7	15.1
5 21	16 33.05	−32 26.1	2.186	3.174	4.8	14.9
5 31	16 23.92	−31 55.8	2.175	3.178	3.2	14.8
6 10	16 15.05	−31 15.6	2.192	3.182	4.9	14.9
6 20	16 7.31	−30 29.1	2.236	3.186	7.7	15.1
6 30	16 1.39	−29 40.5	2.304	3.190	10.6	15.3

124985 2001 TK_{131} 5 29.3 29°.82 3°.1/26.9 18

4 21	16 42.14	− 7 37.2	4.161	4.961	7.7	19.3
5 1	16 38.85	− 7 10.6	4.078	4.963	6.1	19.2
5 11	16 34.63	− 6 46.8	4.020	4.965	4.5	19.1
5 21	16 29.76	− 6 27.2	3.989	4.967	3.3	19.0
5 31	16 24.59	− 6 13.2	3.986	4.970	3.2	19.0
6 10	16 19.52	− 6 5.6	4.012	4.972	4.3	19.1
6 20	16 14.89	− 6 5.1	4.066	4.974	5.8	19.2
6 30	16 11.02	− 6 11.7	4.144	4.976	7.4	19.3

1794 Finsen 5 29.3 32°.67 3°.7/27.3 18 R

4 21	16 48.53	−15 57.3	1.899	2.730	14.3	15.5
5 1	16 44.89	−14 44.4	1.830	2.739	11.1	15.3
5 11	16 39.15	−13 28.9	1.783	2.748	7.7	15.1
5 21	16 31.95	−12 14.7	1.762	2.758	4.5	14.9
5 31	16 24.16	−11 6.6	1.767	2.769	4.0	14.9
6 10	16 16.71	−10 9.1	1.799	2.780	6.7	15.1
6 20	16 10.42	− 9 25.2	1.856	2.791	10.1	15.3
6 30	16 5.91	− 8 56.6	1.936	2.803	13.1	15.5

480619 2015 MC_{113} 5 29.3 316°.98 4°.2/27.8 16

4 21	16 49.18	− 9 42.8	2.234	3.050	12.9	21.0
5 1	16 45.21	− 9 20.9	2.149	3.046	10.3	20.8
5 11	16 39.34	− 9 3.0	2.086	3.042	7.4	20.7
5 21	16 32.08	− 8 51.3	2.049	3.038	4.9	20.5
5 31	16 24.12	− 8 48.2	2.039	3.034	4.4	20.4
6 10	16 16.30	− 8 54.9	2.055	3.031	6.5	20.6
6 20	16 9.38	− 9 12.1	2.098	3.027	9.4	20.7
6 30	16 4.00	− 9 39.5	2.164	3.024	12.2	20.9

391770 2008 FK_{133} 5 29.3 68°.50 0°.5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.28	−21 4.1	2.240	3.056	12.9	21.5
5 1	16 46.05	−20 53.6	2.164	3.065	10.0	21.4
5 11	16 39.87	−20 39.7	2.110	3.075	6.7	21.2
5 21	16 32.29	−20 23.2	2.081	3.084	3.1	20.9
5 31	16 24.09	−20 5.1	2.080	3.094	0.9	20.8
6 10	16 16.14	−19 47.3	2.108	3.103	4.5	21.1
6 20	16 9.21	−19 31.9	2.161	3.113	7.9	21.3
6 30	16 3.93	−19 21.0	2.240	3.122	10.9	21.5

291682 2006 HW_{95} 5 29.3 7°.20 0°.2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.07	−22 54.1	1.918	2.738	14.6	21.3
5 1	16 47.93	−22 50.1	1.835	2.738	11.4	21.1
5 11	16 41.40	−22 41.3	1.773	2.738	7.7	20.9
5 21	16 33.09	−22 27.5	1.735	2.738	3.6	20.6
5 31	16 23.92	−22 9.7	1.725	2.738	0.7	20.4
6 10	16 14.96	−21 49.9	1.741	2.738	5.0	20.7
6 20	16 7.20	−21 30.8	1.783	2.739	9.0	20.9
6 30	16 1.42	−21 15.4	1.849	2.739	12.6	21.2

192705 1999 TN_{81} 5 29.3 158°.37 4°.7/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.87	−33 49.2	2.006	2.795	15.1	21.2
5 1	16 51.12	−34 21.9	1.921	2.797	12.4	21.0
5 11	16 43.68	−34 43.9	1.858	2.799	9.2	20.8
5 21	16 34.20	−34 52.0	1.818	2.800	6.2	20.6
5 31	16 23.69	−34 44.4	1.804	2.802	4.7	20.5
6 10	16 13.40	−34 22.0	1.817	2.803	6.2	20.6
6 20	16 4.47	−33 48.4	1.856	2.804	9.2	20.8
6 30	15 57.79	−33 8.8	1.919	2.805	12.3	21.0

232133 2002 BE_{3} 5 29.3 149°.05 4°.5/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.08	−34 57.6	2.371	3.139	13.6	20.6
5 1	16 53.14	−35 32.7	2.289	3.150	11.2	20.5
5 11	16 44.78	−35 57.7	2.228	3.160	8.4	20.3
5 21	16 34.63	−36 9.4	2.193	3.169	5.8	20.2
5 31	16 23.62	−36 6.0	2.185	3.178	4.5	20.1
6 10	16 12.86	−35 48.5	2.206	3.186	5.8	20.2
6 20	16 3.34	−35 19.7	2.254	3.193	8.3	20.4
6 30	15 55.87	−34 44.3	2.326	3.200	11.0	20.5

413242 2003 SU_{213} 5 29.3 193°.90 1°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.25	−25 49.6	1.947	2.750	15.0	22.1
5 1	16 52.90	−26 11.8	1.857	2.748	11.9	21.9
5 11	16 44.87	−26 28.6	1.788	2.746	8.3	21.6
5 21	16 34.77	−26 38.0	1.744	2.743	4.3	21.4
5 31	16 23.58	−26 38.9	1.728	2.739	1.9	21.2
6 10	16 12.52	−26 32.1	1.739	2.735	5.2	21.4
6 20	16 2.74	−26 20.3	1.778	2.730	9.2	21.6
6 30	15 55.15	−26 7.0	1.840	2.724	12.9	21.9

172071 2002 AP_{74} 5 29.3 4°.21 4°.6/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.95	−35 28.4	2.033	2.823	14.9	19.4
5 1	16 47.99	−35 39.1	1.948	2.823	12.2	19.2
5 11	16 41.51	−35 36.6	1.884	2.823	9.2	19.0
5 21	16 33.16	−35 18.7	1.843	2.824	6.2	18.9
5 31	16 23.92	−34 44.7	1.828	2.825	4.6	18.8
6 10	16 14.98	−33 56.8	1.839	2.826	6.0	18.8
6 20	16 7.35	−32 59.5	1.876	2.828	8.9	19.0
6 30	16 1.86	−31 58.3	1.937	2.830	12.0	19.2

236628 2006 KF_{15} 5 29.3 220°.41 1°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.49	−15 38.4	1.986	2.804	14.2	20.2
5 1	16 48.91	−15 49.0	1.901	2.803	11.2	20.0
5 11	16 42.01	−16 1.4	1.838	2.802	7.6	19.8
5 21	16 33.39	−16 16.2	1.800	2.801	3.8	19.6
5 31	16 23.87	−16 33.7	1.790	2.801	2.1	19.4
6 10	16 14.50	−16 54.5	1.807	2.800	5.4	19.7
6 20	16 6.22	−17 19.0	1.851	2.799	9.2	19.9
6 30	15 59.81	−17 47.7	1.918	2.798	12.6	20.1

287052 2002 QV_{130} 5 29.3 191°.83 1°.9/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.79	−16 53.4	2.241	3.055	12.9	21.3
5 1	16 47.28	−16 39.0	2.154	3.054	10.1	21.1
5 11	16 40.75	−16 23.9	2.090	3.053	6.9	20.9
5 21	16 32.75	−16 9.2	2.051	3.052	3.5	20.7
5 31	16 24.03	−15 56.4	2.040	3.050	2.1	20.6
6 10	16 15.46	−15 47.1	2.058	3.048	5.1	20.8
6 20	16 7.87	−15 43.0	2.102	3.046	8.5	21.0
6 30	16 1.93	−15 45.4	2.170	3.044	11.6	21.2

255306 2005 VH_{132} 5 29.3 314°.45 7°.2/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.34	− 4 0.2	2.150	2.964	13.4	20.8
5 1	16 43.83	− 2 42.9	2.070	2.957	11.1	20.6
5 11	16 38.44	− 1 30.9	2.013	2.950	8.9	20.5
5 21	16 31.67	− 0 29.2	1.980	2.943	7.4	20.4
5 31	16 24.25	+ 0 17.6	1.973	2.936	7.5	20.4
6 10	16 16.98	+ 0 46.0	1.991	2.930	9.2	20.4
6 20	16 10.62	+ 0 55.0	2.033	2.923	11.5	20.6
6 30	16 5.78	+ 0 45.0	2.097	2.917	13.9	20.7

292345 2006 SA_{202} 5 29.3 116°.46 0°.3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.10	−22 1.5	2.250	3.062	12.9	21.4
5 1	16 46.72	−21 45.4	2.168	3.068	10.1	21.2
5 11	16 40.35	−21 24.9	2.109	3.074	6.8	21.0
5 21	16 32.54	−21 0.6	2.076	3.079	3.1	20.7
5 31	16 24.09	−20 33.9	2.071	3.084	0.8	20.6
6 10	16 15.87	−20 7.1	2.094	3.089	4.5	20.8
6 20	16 8.68	−19 42.6	2.143	3.094	8.0	21.1
6 30	16 3.17	−19 22.9	2.217	3.099	11.1	21.3

171046 2005 ES_{97} 5 29.3 23°.83 3°.0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.17	−29 13.3	1.148	1.995	20.6	19.4
5 1	16 48.72	−29 13.6	1.087	2.002	16.4	19.2
5 11	16 42.64	−28 59.7	1.044	2.011	11.5	18.9
5 21	16 33.84	−28 29.8	1.021	2.021	6.3	18.7
5 31	16 23.84	−27 45.1	1.021	2.032	3.1	18.5
6 10	16 14.43	−26 50.5	1.043	2.044	6.9	18.8
6 20	16 7.11	−25 53.2	1.088	2.056	11.9	19.1
6 30	16 2.89	−25 0.5	1.153	2.070	16.4	19.4

500088 2011 YK_{65} 5 29.3 65°.96 5°.2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.59	−11 10.1	1.449	2.285	17.6	21.2
5 1	16 49.59	−10 38.5	1.380	2.289	14.0	21.0
5 11	16 42.75	−10 11.2	1.331	2.294	10.0	20.8
5 21	16 33.79	− 9 51.7	1.304	2.298	6.3	20.6
5 31	16 23.84	− 9 43.4	1.302	2.303	5.4	20.5
6 10	16 14.22	− 9 48.7	1.325	2.308	8.4	20.7
6 20	16 6.11	−10 8.1	1.372	2.313	12.4	20.9
6 30	16 0.41	−10 41.0	1.439	2.318	16.1	21.2

504386 2007 VN_{192} 5 29.3 147°.64 1°.5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.81	−16 41.5	2.747	3.550	11.1	22.0
5 1	16 46.83	−16 36.8	2.665	3.559	8.6	21.9
5 11	16 40.22	−16 31.8	2.607	3.568	5.8	21.7
5 21	16 32.44	−16 27.4	2.575	3.576	2.9	21.5
5 31	16 24.12	−16 24.4	2.573	3.583	1.6	21.4
6 10	16 15.99	−16 23.8	2.601	3.591	4.2	21.6
6 20	16 8.68	−16 26.6	2.656	3.598	7.1	21.8
6 30	16 2.72	−16 33.7	2.737	3.604	9.7	22.0

91182 1998 RO_{49} 5 29.3 204°.11 0°.3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.37	−21 6.2	3.260	4.059	9.6	21.1
5 1	16 44.81	−20 57.2	3.161	4.053	7.5	21.0
5 11	16 38.82	−20 45.6	3.087	4.048	5.0	20.8
5 21	16 31.79	−20 31.7	3.040	4.042	2.3	20.6
5 31	16 24.26	−20 16.3	3.022	4.035	0.6	20.4
6 10	16 16.83	−20 0.6	3.034	4.028	3.4	20.7
6 20	16 10.04	−19 46.1	3.075	4.021	6.0	20.8
6 30	16 4.39	−19 34.3	3.142	4.013	8.5	21.0

164570 2006 KP_{91} 5 29.3 250°.00 1°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.42	−18 20.7	2.088	2.907	13.6	21.4
5 1	16 47.23	−18 0.0	1.996	2.899	10.7	21.2
5 11	16 40.87	−17 37.0	1.925	2.891	7.2	21.0
5 21	16 32.87	−17 12.9	1.880	2.882	3.6	20.7
5 31	16 24.04	−16 49.4	1.862	2.873	1.9	20.6
6 10	16 15.33	−16 29.0	1.872	2.864	5.3	20.8
6 20	16 7.64	−16 13.8	1.908	2.855	9.0	21.0
6 30	16 1.71	−16 5.9	1.968	2.846	12.4	21.2

11536 1992 FZ 5 29.3 83°.98 4°.2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.64	−33 56.0	2.304	3.087	13.6	17.4
5 1	16 48.97	−34 24.5	2.223	3.095	11.0	17.3
5 11	16 42.02	−34 43.2	2.163	3.102	8.2	17.1
5 21	16 33.38	−34 49.6	2.129	3.110	5.5	17.0
5 31	16 23.95	−34 42.5	2.121	3.117	4.2	16.9
6 10	16 14.75	−34 23.0	2.140	3.125	5.5	17.0
6 20	16 6.71	−33 53.9	2.186	3.132	8.1	17.1
6 30	16 0.59	−33 19.6	2.256	3.139	10.9	17.3

181072 2005 QJ_{19} 5 29.3 292°.90 3°.4/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.09	−13 21.3	2.189	3.009	13.0	20.6
5 1	16 45.22	−12 48.1	2.102	3.004	10.2	20.4
5 11	16 39.40	−12 15.5	2.038	2.999	7.2	20.2
5 21	16 32.15	−11 46.1	1.999	2.994	4.3	20.0
5 31	16 24.19	−11 22.2	1.987	2.989	3.6	19.9
6 10	16 16.39	−11 6.3	2.002	2.984	6.1	20.1
6 20	16 9.51	−11 0.0	2.043	2.979	9.2	20.2
6 30	16 4.23	−11 4.0	2.108	2.974	12.2	20.4

292072 2006 RX_{18} 5 29.3 206°.50 0°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.52	−24 32.5	1.972	2.781	14.6	21.4
5 1	16 50.62	−24 13.4	1.879	2.776	11.5	21.2
5 11	16 43.25	−23 47.0	1.809	2.771	7.9	21.0
5 21	16 34.00	−23 13.1	1.763	2.765	3.7	20.7
5 31	16 23.84	−22 33.1	1.745	2.759	0.8	20.4
6 10	16 13.87	−21 50.1	1.755	2.752	5.1	20.7
6 20	16 5.13	−21 7.9	1.792	2.745	9.2	21.0
6 30	15 58.45	−20 30.5	1.853	2.737	12.8	21.2

215580 2003 FP_{96} 5 29.3 47°.86 4°.4/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.65	−12 14.3	2.095	2.918	13.4	19.9
5 1	16 44.81	−11 11.3	2.022	2.925	10.6	19.7
5 11	16 39.06	−10 8.8	1.972	2.932	7.5	19.6
5 21	16 31.96	− 9 10.6	1.948	2.938	5.0	19.4
5 31	16 24.27	− 8 20.6	1.951	2.945	4.7	19.4
6 10	16 16.84	− 7 42.1	1.980	2.953	6.9	19.5
6 20	16 10.44	− 7 17.2	2.035	2.960	9.8	19.7
6 30	16 5.66	− 7 6.6	2.112	2.967	12.6	19.9

207854 2007 VS_{20} 5 29.3 133°.32 1°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.59	−17 53.7	2.146	2.963	13.3	21.3
5 1	16 47.18	−17 36.3	2.065	2.968	10.4	21.1
5 11	16 40.71	−17 17.3	2.007	2.972	7.0	20.9
5 21	16 32.76	−16 57.9	1.974	2.976	3.5	20.7
5 31	16 24.11	−16 39.8	1.969	2.980	1.9	20.6
6 10	16 15.69	−16 24.9	1.992	2.984	5.1	20.8
6 20	16 8.30	−16 15.2	2.041	2.988	8.6	21.0
6 30	16 2.64	−16 12.0	2.114	2.991	11.7	21.2

475444 2006 RM_{35} 5 29.3 334°.72 4°.2/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.37	−31 0.9	1.974	2.774	14.9	20.3
5 1	16 50.07	−31 50.6	1.886	2.771	12.1	20.1
5 11	16 43.10	−32 33.0	1.820	2.767	8.9	19.9
5 21	16 34.04	−33 4.7	1.777	2.764	5.8	19.7
5 31	16 23.84	−33 23.1	1.761	2.762	4.2	19.6
6 10	16 13.72	−33 28.0	1.771	2.759	6.1	19.7
6 20	16 4.83	−33 21.5	1.807	2.757	9.3	19.9
6 30	15 58.13	−33 7.8	1.867	2.754	12.6	20.1

252910 2002 LO_{4} 5 29.3 9°.25 4°.2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.03	−15 48.0	1.246	2.101	18.8	20.0
5 1	16 47.31	−14 59.6	1.179	2.101	14.8	19.7
5 11	16 41.48	−14 9.4	1.131	2.102	10.3	19.4
5 21	16 33.30	−13 21.5	1.104	2.105	5.8	19.2
5 31	16 24.01	−12 40.9	1.101	2.107	4.5	19.1
6 10	16 15.10	−12 12.4	1.121	2.111	8.4	19.3
6 20	16 7.86	−11 59.0	1.163	2.115	13.0	19.6
6 30	16 3.25	−12 2.0	1.224	2.120	17.2	19.9

182896 2002 DE_{20} 5 29.3 128°.78 2°.2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.80	−15 44.8	2.546	3.358	11.6	21.4
5 1	16 45.41	−15 22.3	2.466	3.365	9.1	21.2
5 11	16 39.34	−14 59.6	2.410	3.372	6.2	21.0
5 21	16 32.07	−14 38.0	2.380	3.379	3.3	20.9
5 31	16 24.26	−14 19.2	2.378	3.385	2.3	20.8
6 10	16 16.66	−14 5.1	2.405	3.392	4.8	21.0
6 20	16 9.91	−13 56.9	2.459	3.398	7.7	21.2
6 30	16 4.57	−13 55.6	2.537	3.404	10.4	21.3

118954 2000 WR_{99} 5 29.3 239°.48 0°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.10	−21 36.4	2.646	3.451	11.4	20.3
5 1	16 46.59	−21 39.4	2.545	3.440	9.0	20.1
5 11	16 40.26	−21 39.7	2.468	3.429	6.1	19.9
5 21	16 32.56	−21 37.2	2.416	3.418	2.8	19.7
5 31	16 24.15	−21 32.4	2.394	3.407	0.6	19.5
6 10	16 15.80	−21 26.3	2.400	3.395	4.0	19.7
6 20	16 8.23	−21 20.3	2.434	3.383	7.2	19.9
6 30	16 2.09	−21 16.3	2.493	3.371	10.1	20.1

410695 2008 YV_{18} 5 29.3 181°.89 3°.7/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.49	−13 4.7	1.609	2.434	16.7	21.2
5 1	16 51.72	−12 51.4	1.530	2.435	13.2	20.9
5 11	16 44.18	−12 41.2	1.472	2.435	9.2	20.7
5 21	16 34.51	−12 36.1	1.437	2.435	5.3	20.5
5 31	16 23.78	−12 38.1	1.429	2.434	3.9	20.4
6 10	16 13.27	−12 48.8	1.446	2.433	7.2	20.6
6 20	16 4.16	−13 8.9	1.489	2.432	11.4	20.8
6 30	15 57.36	−13 38.6	1.553	2.430	15.2	21.0

390727 2003 JF_{11} 5 29.3 335°.74 5°.9/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.97	−14 12.9	1.676	2.519	15.3	20.1
5 1	16 43.45	−12 18.5	1.586	2.500	12.2	19.8
5 11	16 38.57	−10 16.8	1.518	2.482	8.9	19.6
5 21	16 31.89	− 8 14.6	1.474	2.465	6.2	19.4
5 31	16 24.30	− 6 20.0	1.457	2.449	6.4	19.4
6 10	16 16.87	− 4 41.2	1.466	2.433	9.3	19.5
6 20	16 10.58	− 3 24.1	1.498	2.419	12.9	19.7
6 30	16 6.23	− 2 31.6	1.551	2.406	16.4	19.8

367083 2006 QS_{9} 5 29.4 298°.01 3°.2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.64	−28 22.0	1.467	2.294	17.9	20.9
5 1	16 50.63	−28 41.1	1.361	2.265	14.6	20.6
5 11	16 44.22	−28 51.3	1.275	2.237	10.5	20.2
5 21	16 34.87	−28 49.4	1.210	2.208	5.9	19.9
5 31	16 23.67	−28 33.4	1.169	2.179	3.2	19.7
6 10	16 12.23	−28 4.1	1.153	2.151	6.9	19.8
6 20	16 2.18	−27 25.9	1.160	2.122	12.0	20.0
6 30	15 54.94	−26 45.3	1.188	2.094	16.9	20.2

352040 2006 VY_{89} 5 29.4 118°.12 0°.8/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.11	−24 14.4	2.561	3.361	11.9	21.5
5 1	16 47.30	−24 21.6	2.481	3.373	9.3	21.3
5 11	16 40.66	−24 24.5	2.424	3.384	6.3	21.2
5 21	16 32.71	−24 22.7	2.394	3.394	3.1	21.0
5 31	16 24.17	−24 16.5	2.392	3.405	0.9	20.8
6 10	16 15.84	−24 7.0	2.419	3.415	3.9	21.0
6 20	16 8.44	−23 56.1	2.474	3.425	7.0	21.3
6 30	16 2.58	−23 45.8	2.554	3.435	9.8	21.5

470488 2008 BC_{44} 5 29.4 160°.79 0°.3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.44	−22 40.3	2.840	3.636	10.9	22.2
5 1	16 47.38	−22 44.7	2.752	3.642	8.5	22.0
5 11	16 40.64	−22 45.9	2.689	3.648	5.8	21.8
5 21	16 32.69	−22 43.8	2.652	3.653	2.7	21.6
5 31	16 24.17	−22 38.5	2.645	3.658	0.6	21.4
6 10	16 15.81	−22 31.2	2.667	3.662	3.7	21.7
6 20	16 8.27	−22 23.4	2.717	3.666	6.6	21.9
6 30	16 2.10	−22 16.7	2.794	3.669	9.3	22.1

36188 1999 TD_{37} 5 29.4 351°.86 1°.4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.81	−21 7.5	1.484	2.318	17.4	16.6
5 1	16 50.24	−22 4.9	1.403	2.313	13.7	16.3
5 11	16 43.57	−23 3.8	1.341	2.309	9.4	16.1
5 21	16 34.40	−24 1.3	1.303	2.306	4.6	15.8
5 31	16 23.81	−24 54.4	1.290	2.303	1.6	15.6
6 10	16 13.27	−25 41.1	1.303	2.301	6.1	15.9
6 20	16 4.18	−26 21.4	1.340	2.300	10.9	16.1
6 30	15 57.68	−26 57.1	1.399	2.300	15.1	16.4

69766 1998 QZ_{19} 5 29.4 263°.86 2°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.96	−16 53.6	1.979	2.803	14.1	19.4
5 1	16 46.97	−16 21.3	1.890	2.795	11.0	19.2
5 11	16 40.75	−15 46.9	1.823	2.788	7.6	19.0
5 21	16 32.87	−15 12.5	1.781	2.781	4.0	18.7
5 31	16 24.14	−14 40.6	1.765	2.774	2.7	18.6
6 10	16 15.58	−14 14.1	1.777	2.766	5.9	18.8
6 20	16 8.07	−13 55.5	1.814	2.759	9.6	19.0
6 30	16 2.39	−13 46.7	1.875	2.751	13.0	19.2

423860 2006 QQ_{170} 5 29.4 228°.82 1°.0/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.13	−20 23.9	1.934	2.749	14.7	22.4
5 1	16 50.42	−20 4.9	1.837	2.738	11.5	22.2
5 11	16 43.20	−19 41.6	1.762	2.727	7.8	22.0
5 21	16 34.06	−19 14.8	1.712	2.715	3.7	21.7
5 31	16 23.91	−18 46.0	1.690	2.703	1.4	21.5
6 10	16 13.85	−18 18.0	1.695	2.690	5.5	21.7
6 20	16 4.94	−17 53.8	1.727	2.676	9.7	22.0
6 30	15 58.05	−17 36.3	1.782	2.662	13.4	22.2

1741 Giclas 5 29.4 217°.72 0°.3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.22	−22 55.9	2.250	3.060	13.0	16.4
5 1	16 47.76	−22 57.1	2.159	3.056	10.2	16.2
5 11	16 41.20	−22 54.3	2.090	3.053	6.9	15.9
5 21	16 33.05	−22 47.2	2.047	3.049	3.3	15.7
5 31	16 24.12	−22 36.2	2.031	3.045	0.7	15.5
6 10	16 15.32	−22 22.9	2.044	3.041	4.4	15.8
6 20	16 7.51	−22 9.3	2.084	3.036	8.1	16.0
6 30	16 1.43	−21 57.9	2.148	3.032	11.3	16.2

499114 2009 HJ_{74} 5 29.4 30°.30 12°.0/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.13	− 1 23.9	1.034	1.889	21.8	19.8
5 1	16 46.63	+ 0 4.3	0.996	1.905	18.2	19.6
5 11	16 40.92	+ 1 14.9	0.975	1.922	14.8	19.5
5 21	16 32.97	+ 1 58.7	0.973	1.941	12.4	19.4
5 31	16 24.17	+ 2 9.4	0.991	1.961	12.2	19.5
6 10	16 16.05	+ 1 45.5	1.029	1.982	14.1	19.6
6 20	16 9.82	+ 0 50.9	1.086	2.004	17.0	19.9
6 30	16 6.30	− 0 27.8	1.160	2.026	20.0	20.2

409784 2006 FP_{3} 5 29.4 352°.22 6°.5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.43	−12 22.3	1.272	2.123	18.7	21.1
5 1	16 47.55	−11 4.9	1.202	2.121	14.9	20.9
5 11	16 41.62	− 9 47.2	1.152	2.119	10.8	20.6
5 21	16 33.40	− 8 35.3	1.124	2.117	7.3	20.4
5 31	16 24.07	− 7 36.7	1.119	2.116	6.9	20.4
6 10	16 15.07	− 6 57.1	1.138	2.116	10.1	20.6
6 20	16 7.69	− 6 39.7	1.178	2.116	14.2	20.8
6 30	16 2.86	− 6 44.7	1.237	2.116	18.1	21.0

342576 2008 UP_{264} 5 29.4 203°.78 1°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.31	−26 47.7	2.046	2.854	14.2	21.7
5 1	16 48.87	−26 44.3	1.958	2.853	11.3	21.5
5 11	16 42.06	−26 33.2	1.892	2.851	7.8	21.3
5 21	16 33.48	−26 13.9	1.850	2.849	4.0	21.1
5 31	16 24.05	−25 46.6	1.835	2.847	1.5	20.9
6 10	16 14.83	−25 13.7	1.848	2.845	4.8	21.1
6 20	16 6.78	−24 38.6	1.887	2.842	8.6	21.3
6 30	16 0.70	−24 5.0	1.951	2.840	12.0	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
225278 1981 DW_1			5 29.4	18°.29	1°.6/29.9	17
	h m	° ′			°	m
4 21	16 49.78	−27 30.4	1.345	2.186	18.5	19.5
5 1	16 47.10	−27 10.6	1.278	2.192	14.6	19.3
5 11	16 41.30	−26 38.4	1.231	2.199	10.1	19.0
5 21	16 33.21	−25 53.9	1.205	2.207	5.1	18.7
5 31	16 24.12	−24 59.4	1.203	2.216	1.7	18.5
6 10	16 15.51	−24 0.1	1.225	2.226	6.0	18.9
6 20	16 8.64	−23 2.2	1.271	2.236	10.8	19.1
6 30	16 4.41	−22 11.4	1.338	2.248	15.0	19.4
474820 2005 SN_{39}			5 29.4	253°.06	0°.2/29.3	16
4 21	16 50.50	−21 47.4	2.498	3.307	11.9	22.2
5 1	16 46.24	−21 38.7	2.398	3.296	9.3	22.0
5 11	16 40.10	−21 26.4	2.321	3.284	6.3	21.8
5 21	16 32.53	−21 10.7	2.270	3.272	2.9	21.6
5 31	16 24.24	−20 52.5	2.247	3.261	0.7	21.3
6 10	16 16.03	−20 33.6	2.253	3.248	4.2	21.6
6 20	16 8.66	−20 15.8	2.286	3.236	7.6	21.8
6 30	16 2.78	−20 1.4	2.344	3.224	10.6	22.0
61614 2000 QC_{98}			5 29.4	197°.35	3°.4/30.8	18
4 21	16 53.88	−32 39.7	2.686	3.463	12.0	19.6
5 1	16 48.90	−33 6.3	2.591	3.461	9.7	19.4
5 11	16 41.90	−33 25.1	2.518	3.458	7.2	19.2
5 21	16 33.38	−33 33.9	2.472	3.455	4.7	19.1
5 31	16 24.08	−33 31.7	2.453	3.452	3.4	19.0
6 10	16 14.89	−33 19.0	2.463	3.448	4.8	19.1
6 20	16 6.63	−32 58.1	2.500	3.445	7.3	19.2
6 30	15 59.99	−32 32.2	2.563	3.440	9.9	19.4
89894 2002 CO_{272}			5 29.4	201°.38	4°.7/27.4	18
4 21	16 53.53	− 7 15.8	2.557	3.353	12.0	20.5
5 1	16 48.34	− 6 47.3	2.466	3.348	9.7	20.3
5 11	16 41.37	− 6 23.3	2.397	3.342	7.2	20.1
5 21	16 33.09	− 6 6.2	2.356	3.336	5.2	20.0
5 31	16 24.15	− 5 58.2	2.342	3.328	4.8	20.0
6 10	16 15.31	− 6 0.9	2.357	3.320	6.6	20.1
6 20	16 7.29	− 6 14.8	2.399	3.311	9.1	20.2
6 30	16 0.70	− 6 39.6	2.466	3.302	11.6	20.4
417538 2006 TQ_{120}			5 29.4	212°.42	4°.2/27.8	17
4 21	16 54.46	−11 28.8	2.073	2.884	13.9	22.2
5 1	16 49.56	−10 56.3	1.982	2.877	11.1	22.0
5 11	16 42.45	−10 25.8	1.913	2.869	7.9	21.8
5 21	16 33.66	−10 0.0	1.869	2.861	5.0	21.6
5 31	16 24.03	− 9 41.5	1.853	2.852	4.4	21.5
6 10	16 14.51	− 9 32.8	1.865	2.842	6.8	21.6
6 20	16 6.01	− 9 35.1	1.903	2.832	10.2	21.8
6 30	15 59.29	− 9 48.9	1.964	2.821	13.3	22.0
317544 2002 UC_8			5 29.4	297°.95	6°.6/27.5	18
4 21	16 51.79	− 8 37.6	1.504	2.338	17.2	20.3
5 1	16 48.57	− 7 59.1	1.405	2.312	14.0	20.1
5 11	16 42.44	− 7 25.4	1.327	2.285	10.5	19.8
5 21	16 33.92	− 7 1.1	1.270	2.259	7.4	19.5
5 31	16 23.95	− 6 51.2	1.238	2.232	6.8	19.4
6 10	16 13.83	− 6 59.1	1.230	2.206	9.7	19.5
6 20	16 4.87	− 7 26.1	1.244	2.180	13.8	19.7
6 30	15 58.20	− 8 11.6	1.279	2.154	18.0	19.8
469991 2006 JQ_{29}			5 29.4	12°.50	1°.7/28.8	17
4 21	16 50.36	−18 44.4	1.653	2.488	15.9	21.0
5 1	16 46.90	−18 25.9	1.577	2.489	12.4	20.8
5 11	16 40.89	−18 4.9	1.522	2.491	8.4	20.6
5 21	16 32.98	−17 42.8	1.491	2.494	4.1	20.3
5 31	16 24.17	−17 21.8	1.485	2.497	2.0	20.2
6 10	16 15.64	−17 4.4	1.505	2.500	6.0	20.4
6 20	16 8.42	−16 53.3	1.550	2.504	10.2	20.7
6 30	16 3.33	−16 50.3	1.617	2.509	13.9	20.9
364606 2007 RC_{259}			5 29.4	310°.09	4°.6/30.4	17
4 21	16 52.67	−29 47.2	1.267	2.104	19.6	20.7
5 1	16 50.33	−30 24.2	1.177	2.084	16.0	20.4
5 11	16 44.26	−30 51.8	1.104	2.065	11.7	20.1
5 21	16 34.97	−31 5.2	1.051	2.046	7.2	19.8
5 31	16 23.73	−31 1.1	1.021	2.028	4.6	19.6
6 10	16 12.38	−30 39.7	1.014	2.010	7.8	19.7
6 20	16 2.76	−30 5.5	1.028	1.993	12.8	19.9
6 30	15 56.36	−29 26.1	1.063	1.976	17.7	20.1
95286 2002 CL_{84}			5 29.4	120°.05	2°.5/28.5	18
4 21	16 53.09	−16 11.8	1.942	2.762	14.4	20.8
5 1	16 48.51	−15 47.7	1.867	2.771	11.3	20.6
5 11	16 41.70	−15 23.0	1.815	2.779	7.7	20.4
5 21	16 33.28	−14 59.4	1.787	2.787	4.0	20.2
5 31	16 24.13	−14 39.1	1.786	2.795	2.7	20.1
6 10	16 15.27	−14 24.5	1.813	2.802	5.8	20.3
6 20	16 7.58	−14 17.2	1.866	2.810	9.4	20.5
6 30	16 1.79	−14 18.6	1.942	2.817	12.7	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
86718 2000 GO_{14}			5 29.4	301°.17	2°.9/28.5	17
	h m	° ′			°	m
4 21	16 51.09	−18 13.3	1.267	2.118	18.8	19.6
5 1	16 48.65	−17 39.4	1.174	2.095	15.0	19.3
5 11	16 42.84	−17 0.3	1.099	2.072	10.4	18.9
5 21	16 34.21	−16 18.4	1.045	2.048	5.3	18.6
5 31	16 23.89	−15 37.5	1.015	2.025	3.3	18.4
6 10	16 13.48	−15 2.7	1.007	2.002	8.2	18.6
6 20	16 4.55	−14 38.8	1.022	1.980	13.7	18.8
6 30	15 58.41	−14 29.6	1.056	1.958	18.8	19.0
474769 2005 QK_{109}			5 29.4	193°.84	5°.5/25.9	18
4 21	16 48.46	− 2 40.6	3.056	3.845	10.4	22.1
5 1	16 44.09	− 1 48.6	2.972	3.843	8.6	22.0
5 11	16 38.35	− 1 1.8	2.913	3.840	6.9	21.9
5 21	16 31.63	− 0 23.4	2.879	3.836	5.7	21.8
5 31	16 24.46	+ 0 4.1	2.874	3.833	5.7	21.8
6 10	16 17.40	+ 0 18.9	2.896	3.828	6.9	21.8
6 20	16 10.99	+ 0 20.4	2.944	3.824	8.7	22.0
6 30	16 5.70	+ 0 9.0	3.016	3.818	10.5	22.1
57441 2001 SW_{53}			5 29.4	122°.83	0°.4/29.5	17
4 21	16 55.90	−22 31.2	1.906	2.719	14.9	19.9
5 1	16 50.89	−22 40.8	1.830	2.729	11.7	19.7
5 11	16 43.41	−22 46.6	1.776	2.739	7.9	19.5
5 21	16 34.11	−22 47.8	1.747	2.749	3.7	19.3
5 31	16 23.97	−22 44.7	1.745	2.758	0.8	19.0
6 10	16 14.12	−22 38.6	1.771	2.768	5.0	19.4
6 20	16 5.56	−22 31.7	1.823	2.776	9.0	19.6
6 30	15 59.10	−22 26.7	1.899	2.785	12.4	19.9
240749 2005 JF_{131}			5 29.4	151°.86	3°.0/28.4	18
4 21	16 51.69	−12 58.7	2.174	2.989	13.2	20.5
5 1	16 47.24	−12 47.7	2.091	2.991	10.4	20.3
5 11	16 40.79	−12 39.1	2.032	2.992	7.3	20.1
5 21	16 32.86	−12 34.4	1.998	2.994	4.2	20.0
5 31	16 24.21	−12 35.2	1.991	2.995	3.2	19.9
6 10	16 15.74	−12 42.5	2.012	2.997	5.7	20.1
6 20	16 8.25	−12 57.2	2.059	2.998	9.0	20.3
6 30	16 2.41	−13 19.6	2.130	2.999	12.0	20.5
214186 2005 EG_{10}			5 29.4	141°.85	1°.7/29.9	17
4 21	16 57.60	−26 38.9	1.770	2.579	16.0	21.2
5 1	16 52.49	−26 40.9	1.693	2.588	12.7	21.0
5 11	16 44.61	−26 34.9	1.636	2.596	8.8	20.7
5 21	16 34.70	−26 19.5	1.604	2.604	4.5	20.5
5 31	16 23.86	−25 55.0	1.599	2.611	1.7	20.3
6 10	16 13.36	−25 23.9	1.621	2.618	5.3	20.6
6 20	16 4.36	−24 50.1	1.669	2.624	9.5	20.8
6 30	15 57.71	−24 18.2	1.740	2.629	13.2	21.1
461625 2005 EM_{36}			5 29.4	118°.11	10°.3/24.7	18
4 21	16 56.01	+ 3 49.0	1.953	2.735	15.7	22.2
5 1	16 50.42	+ 5 30.4	1.907	2.758	13.5	22.1
5 11	16 42.74	+ 6 58.4	1.882	2.781	11.5	22.0
5 21	16 33.67	+ 8 6.5	1.880	2.802	10.4	22.0
5 31	16 24.09	+ 8 49.5	1.904	2.823	10.6	22.0
6 10	16 14.96	+ 9 5.4	1.952	2.843	11.9	22.1
6 20	16 7.07	+ 8 55.2	2.022	2.862	13.7	22.3
6 30	16 1.06	+ 8 22.2	2.113	2.880	15.5	22.5
359657 2011 ST_{49}			5 29.4	234°.82	2°.2/28.7	16
4 21	16 56.72	−17 34.5	1.683	2.505	16.2	21.7
5 1	16 52.07	−17 15.6	1.589	2.493	12.8	21.4
5 11	16 44.57	−16 54.7	1.515	2.480	8.8	21.2
5 21	16 34.82	−16 33.0	1.465	2.466	4.4	20.9
5 31	16 23.82	−16 12.5	1.441	2.451	2.5	20.7
6 10	16 12.86	−15 56.0	1.444	2.436	6.6	20.9
6 20	16 3.19	−15 46.1	1.472	2.420	11.1	21.2
6 30	15 55.81	−15 45.3	1.523	2.404	15.3	21.4
147357 2003 CF_2			5 29.4	99°.53	1°.8/30.0	18
4 21	16 57.77	−26 33.8	1.887	2.692	15.3	20.7
5 1	16 52.30	−26 46.5	1.821	2.713	12.1	20.5
5 11	16 44.30	−26 52.0	1.776	2.734	8.3	20.3
5 21	16 34.49	−26 49.0	1.755	2.754	4.3	20.1
5 31	16 23.93	−26 37.4	1.762	2.774	1.9	20.0
6 10	16 13.80	−26 19.1	1.797	2.793	5.0	20.2
6 20	16 5.13	−25 57.2	1.858	2.812	8.8	20.5
6 30	15 58.67	−25 35.6	1.943	2.830	12.2	20.7
410358 2007 VW_{48}			5 29.4	118°.80	2°.4/30.2	18
4 21	16 59.75	−28 5.0	1.845	2.645	15.8	22.1
5 1	16 53.98	−28 19.0	1.776	2.664	12.5	21.9
5 11	16 45.50	−28 24.5	1.727	2.682	8.8	21.7
5 21	16 35.08	−28 19.7	1.703	2.699	4.8	21.5
5 31	16 23.82	−28 4.2	1.706	2.716	2.4	21.4
6 10	16 13.00	−27 40.0	1.737	2.732	5.3	21.6
6 20	16 3.73	−27 10.8	1.795	2.747	9.1	21.9
6 30	15 56.81	−26 41.2	1.876	2.762	12.6	22.1

157595 2005 VV_{19} 5 29.4 97°.02 4°.6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.30	−14 25.2	1.769	2.596	15.3	20.1
5 1	16 48.01	−13 6.0	1.699	2.605	12.0	19.9
5 11	16 41.39	−11 44.7	1.651	2.613	8.5	19.7
5 21	16 33.14	−10 26.0	1.628	2.622	5.3	19.5
5 31	16 24.20	− 9 15.5	1.632	2.630	4.9	19.5
6 10	16 15.64	− 8 17.8	1.662	2.638	7.6	19.7
6 20	16 8.36	− 7 36.4	1.718	2.647	11.1	19.9
6 30	16 3.07	− 7 12.5	1.795	2.655	14.3	20.1

185836 2000 BE_{35} 5 29.4 162°.26 1°.5/28.8 17

4 21	16 56.28	−17 57.4	2.148	2.955	13.6	21.4
5 1	16 50.84	−17 46.1	2.066	2.963	10.7	21.2
5 11	16 43.21	−17 33.4	2.007	2.969	7.2	21.0
5 21	16 34.00	−17 20.1	1.973	2.974	3.5	20.8
5 31	16 24.04	−17 7.4	1.968	2.979	1.8	20.7
6 10	16 14.32	−16 57.0	1.992	2.983	5.1	20.9
6 20	16 5.71	−16 50.8	2.042	2.987	8.7	21.1
6 30	15 58.93	−16 50.4	2.118	2.989	11.9	21.3

276979 2004 VE_{90} 5 29.4 288°.08 1°.4/29.9 18

4 21	16 52.55	−27 19.1	1.814	2.630	15.4	20.3
5 1	16 48.83	−27 3.7	1.710	2.610	12.3	20.1
5 11	16 42.39	−26 38.2	1.627	2.589	8.6	19.8
5 21	16 33.82	−26 1.6	1.568	2.568	4.4	19.5
5 31	16 24.06	−25 14.8	1.535	2.548	1.5	19.3
6 10	16 14.35	−24 20.9	1.529	2.527	5.4	19.5
6 20	16 5.87	−23 24.8	1.548	2.506	9.9	19.7
6 30	15 59.58	−22 31.9	1.591	2.486	13.9	19.9

168513 1999 TE_{131} 5 29.4 173°.87 1°.0/29.8 17

4 21	16 57.27	−25 9.7	2.029	2.832	14.5	21.5
5 1	16 51.92	−25 9.5	1.943	2.836	11.4	21.3
5 11	16 44.11	−25 3.0	1.879	2.838	7.8	21.1
5 21	16 34.48	−24 49.3	1.840	2.840	3.9	20.8
5 31	16 23.96	−24 28.7	1.829	2.842	1.1	20.6
6 10	16 13.67	−24 3.4	1.846	2.842	4.9	20.9
6 20	16 4.63	−23 36.3	1.890	2.842	8.8	21.1
6 30	15 57.65	−23 11.1	1.958	2.841	12.3	21.4

126254 2002 AO_{71} 5 29.4 114°.15 0°.1/29.4 18

4 21	16 55.48	−21 46.5	1.983	2.795	14.5	20.3
5 1	16 50.38	−21 46.3	1.911	2.809	11.3	20.1
5 11	16 42.97	−21 42.3	1.860	2.823	7.6	19.9
5 21	16 33.89	−21 34.5	1.835	2.837	3.5	19.7
5 31	16 24.08	−21 23.7	1.837	2.850	0.7	19.5
6 10	16 14.60	−21 11.5	1.867	2.863	4.8	19.9
6 20	16 6.37	−21 0.2	1.924	2.876	8.7	20.1
6 30	16 0.13	−20 52.2	2.004	2.888	12.0	20.3

75530 1999 XA_{218} 5 29.4 340°.59 3°.3/28.8 17

4 21	16 48.46	−14 46.5	1.186	2.046	19.2	18.5
5 1	16 46.56	−14 44.1	1.108	2.034	15.3	18.2
5 11	16 41.36	−14 45.2	1.048	2.022	10.6	17.9
5 21	16 33.49	−14 51.8	1.008	2.011	5.6	17.6
5 31	16 24.12	−15 5.9	0.991	2.001	3.6	17.4
6 10	16 14.83	−15 29.1	0.997	1.993	7.9	17.7
6 20	16 7.13	−16 1.8	1.024	1.986	13.1	17.9
6 30	16 2.22	−16 44.1	1.070	1.981	17.9	18.2

343031 2009 BC_{135} 5 29.4 183°.60 1°.4/28.8 17

4 21	16 51.64	−18 36.4	2.205	3.020	13.1	21.7
5 1	16 47.26	−18 22.2	2.119	3.020	10.2	21.5
5 11	16 40.84	−18 6.0	2.055	3.020	6.9	21.3
5 21	16 32.92	−17 48.8	2.018	3.020	3.3	21.1
5 31	16 24.28	−17 32.0	2.008	3.019	1.6	20.9
6 10	16 15.81	−17 17.6	2.026	3.019	4.9	21.1
6 20	16 8.34	−17 7.3	2.070	3.018	8.4	21.4
6 30	16 2.55	−17 2.9	2.139	3.017	11.6	21.6

467623 2008 FW_{8} 5 29.4 41°.71 4°.5/30.6 17

4 21	16 56.11	−30 31.0	1.470	2.288	18.3	21.3
5 1	16 52.17	−31 14.0	1.398	2.294	14.8	21.1
5 11	16 44.89	−31 47.2	1.345	2.300	10.7	20.8
5 21	16 35.03	−32 6.4	1.314	2.306	6.7	20.6
5 31	16 23.87	−32 9.0	1.308	2.312	4.5	20.5
6 10	16 13.03	−31 56.1	1.326	2.319	7.0	20.7
6 20	16 3.97	−31 31.7	1.368	2.326	11.0	20.9
6 30	15 57.76	−31 2.0	1.432	2.333	14.8	21.1

192302 1993 BL_{8} 5 29.4 168°.26 2°.7/28.6 16

4 21	16 57.24	−16 13.5	1.629	2.452	16.6	21.1
5 1	16 52.30	−15 55.2	1.551	2.456	13.1	20.9
5 11	16 44.59	−15 36.7	1.494	2.459	8.9	20.6
5 21	16 34.77	−15 19.4	1.461	2.461	4.6	20.4
5 31	16 23.94	−15 5.4	1.454	2.463	2.9	20.3
6 10	16 13.38	−14 57.2	1.474	2.465	6.6	20.5
6 20	16 4.26	−14 56.6	1.519	2.465	10.9	20.8
6 30	15 57.49	−15 5.2	1.586	2.466	14.8	21.0

388291 2006 SF_{81} 5 29.4 259°.67 0°.1/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.25	−22 46.0	2.226	3.039	13.1	21.4
5 1	16 47.08	−22 39.4	2.132	3.031	10.3	21.2
5 11	16 40.81	−22 28.4	2.061	3.024	7.0	21.0
5 21	16 32.95	−22 13.0	2.014	3.017	3.3	20.7
5 31	16 24.29	−21 54.1	1.996	3.009	0.6	20.5
6 10	16 15.76	−21 33.5	2.005	3.002	4.5	20.8
6 20	16 8.20	−21 13.5	2.041	2.994	8.2	21.0
6 30	16 2.34	−20 56.7	2.101	2.986	11.5	21.2

393148 2013 BM_{72} 5 29.4 70°.79 0°.8/29.1 18

4 21	16 52.11	−18 16.9	2.252	3.065	12.9	20.7
5 1	16 47.60	−18 29.9	2.169	3.069	10.1	20.5
5 11	16 41.06	−18 42.8	2.110	3.074	6.8	20.3
5 21	16 33.04	−18 55.5	2.076	3.079	3.2	20.0
5 31	16 24.29	−19 8.3	2.071	3.083	1.1	19.9
6 10	16 15.70	−19 21.6	2.093	3.088	4.5	20.1
6 20	16 8.09	−19 36.4	2.143	3.093	8.0	20.4
6 30	16 2.13	−19 53.8	2.217	3.098	11.1	20.6

493591 2015 MD_{25} 5 29.4 79°.29 0°.3/29.6 17

4 21	16 52.68	−26 0.1	1.987	2.799	14.4	20.9
5 1	16 48.22	−25 18.2	1.910	2.809	11.3	20.7
5 11	16 41.50	−24 26.9	1.856	2.819	7.6	20.5
5 21	16 33.21	−23 27.4	1.826	2.828	3.6	20.3
5 31	16 24.27	−22 22.4	1.824	2.838	0.7	20.1
6 10	16 15.71	−21 16.1	1.850	2.847	4.8	20.4
6 20	16 8.42	−20 13.2	1.903	2.857	8.6	20.7
6 30	16 3.08	−19 17.9	1.980	2.867	12.0	20.9

114132 2002 VH_{54} 5 29.4 191°.77 0°.7/29.7 18

4 21	16 52.15	−24 1.4	2.127	2.939	13.6	20.0
5 1	16 47.86	−24 3.4	2.041	2.939	10.7	19.8
5 11	16 41.35	−24 0.4	1.976	2.939	7.3	19.6
5 21	16 33.21	−23 52.1	1.937	2.939	3.5	19.3
5 31	16 24.26	−23 38.8	1.925	2.938	0.9	19.1
6 10	16 15.48	−23 22.2	1.941	2.938	4.6	19.4
6 20	16 7.79	−23 4.8	1.983	2.938	8.3	19.6
6 30	16 1.91	−22 49.3	2.050	2.937	11.6	19.8

502117 2015 BS_{6} 5 29.4 83°.67 1°.2/29.9 17

4 21	16 54.78	−26 0.3	1.760	2.576	15.8	21.7
5 1	16 50.20	−25 53.1	1.690	2.590	12.5	21.5
5 11	16 43.02	−25 37.9	1.641	2.603	8.5	21.3
5 21	16 33.97	−25 14.2	1.616	2.617	4.2	21.1
5 31	16 24.13	−24 43.2	1.617	2.630	1.3	20.9
6 10	16 14.70	−24 7.8	1.645	2.643	5.1	21.2
6 20	16 6.73	−23 31.8	1.700	2.656	9.2	21.5
6 30	16 0.99	−22 59.4	1.777	2.670	12.8	21.7

394725 2008 EQ_{118} 5 29.4 239°.70 7°.5/25.2 16

4 21	16 49.06	+ 0 51.6	2.537	3.326	12.3	21.4
5 1	16 44.93	+ 1 52.7	2.452	3.315	10.5	21.2
5 11	16 39.14	+ 2 45.9	2.390	3.305	8.7	21.1
5 21	16 32.12	+ 3 26.9	2.353	3.294	7.6	21.0
5 31	16 24.49	+ 3 52.1	2.341	3.283	7.7	21.0
6 10	16 16.96	+ 3 59.3	2.355	3.272	9.0	21.0
6 20	16 10.19	+ 3 48.1	2.394	3.261	10.9	21.1
6 30	16 4.75	+ 3 19.6	2.455	3.249	12.9	21.3

386818 2010 GB_{27} 5 29.4 23°.60 6°.5/26.8 17

4 21	16 48.78	− 8 4.4	1.726	2.557	15.5	20.8
5 1	16 45.38	− 7 1.4	1.659	2.562	12.5	20.6
5 11	16 39.72	− 6 3.2	1.613	2.567	9.4	20.4
5 21	16 32.44	− 5 14.6	1.591	2.573	6.9	20.3
5 31	16 24.43	− 4 40.1	1.594	2.579	6.7	20.3
6 10	16 16.72	− 4 23.0	1.621	2.586	8.9	20.4
6 20	16 10.20	− 4 24.1	1.673	2.593	11.9	20.6
6 30	16 5.57	− 4 42.7	1.745	2.601	14.8	20.8

317475 2002 RH_{192} 5 29.4 334°.32 2°.2/29.9 17

4 21	16 49.70	−25 34.6	1.228	2.078	19.3	20.2
5 1	16 47.76	−25 54.6	1.146	2.064	15.5	19.9
5 11	16 42.33	−26 7.3	1.081	2.052	10.8	19.6
5 21	16 34.03	−26 10.6	1.038	2.040	5.6	19.3
5 31	16 24.09	−26 3.5	1.017	2.029	2.3	19.0
6 10	16 14.24	−25 47.7	1.019	2.019	6.9	19.3
6 20	16 6.09	−25 27.2	1.043	2.011	12.3	19.5
6 30	16 0.93	−25 7.5	1.086	2.003	17.1	19.8

102644 1999 VA_{44} 5 29.4 240°.76 0°.9/29.1 18

4 21	16 54.46	−21 21.9	1.733	2.555	15.8	19.7
5 1	16 50.21	−20 58.6	1.641	2.546	12.4	19.4
5 11	16 43.26	−20 29.5	1.570	2.537	8.4	19.2
5 21	16 34.22	−19 55.6	1.524	2.527	4.0	18.9
5 31	16 24.08	−19 18.8	1.504	2.517	1.3	18.7
6 10	16 14.09	−18 42.4	1.510	2.506	5.8	19.0
6 20	16 5.39	−18 10.2	1.542	2.495	10.3	19.2
6 30	15 58.91	−17 45.8	1.597	2.484	14.3	19.4

343017 2009 BF_{95} 5 29.4 297°.58 0°.7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.08	−23 52.1	1.987	2.803	14.3	21.5
5 1	16 48.01	−23 55.0	1.898	2.799	11.2	21.3
5 11	16 41.58	−23 52.8	1.832	2.795	7.7	21.1
5 21	16 33.37	−23 45.1	1.790	2.792	3.7	20.8
5 31	16 24.25	−23 32.2	1.775	2.788	0.9	20.6
6 10	16 15.29	−23 16.0	1.787	2.784	4.8	20.9
6 20	16 7.46	−22 58.9	1.825	2.781	8.8	21.1
6 30	16 1.57	−22 43.9	1.887	2.777	12.3	21.3

29587 1998 FR_{69} 5 29.4 112°.11 0°.1/29.5 18

4 21	16 52.44	−22 28.7	2.480	3.284	12.1	19.1
5 1	16 47.60	−22 27.4	2.403	3.298	9.4	18.9
5 11	16 40.91	−22 22.4	2.350	3.312	6.4	18.7
5 21	16 32.92	−22 13.9	2.324	3.325	3.0	18.5
5 31	16 24.36	−22 2.4	2.325	3.339	0.6	18.4
6 10	16 16.05	−21 49.5	2.356	3.352	4.0	18.7
6 20	16 8.71	−21 36.8	2.414	3.364	7.2	18.9
6 30	16 2.93	−21 26.5	2.497	3.377	10.1	19.1

105642 2000 SJ_{17} 5 29.4 223°.86 4°.3/31.3 18

4 21	16 53.84	−34 50.4	2.399	3.177	13.2	19.8
5 1	16 49.22	−35 16.3	2.307	3.174	10.9	19.6
5 11	16 42.32	−35 32.2	2.236	3.171	8.2	19.4
5 21	16 33.70	−35 35.5	2.190	3.168	5.7	19.3
5 31	16 24.21	−35 24.9	2.170	3.165	4.3	19.2
6 10	16 14.86	−35 1.4	2.178	3.161	5.6	19.2
6 20	16 6.61	−34 27.7	2.213	3.158	8.1	19.4
6 30	16 0.21	−33 48.1	2.273	3.154	10.8	19.6

253390 2003 KL_{32} 5 29.4 292°.75 0°.6/29.2 18

4 21	16 52.08	−18 42.0	2.247	3.060	12.9	20.0
5 1	16 47.79	−19 1.0	2.147	3.046	10.2	19.8
5 11	16 41.37	−19 20.3	2.069	3.033	6.9	19.6
5 21	16 33.29	−19 39.6	2.016	3.019	3.3	19.3
5 31	16 24.28	−19 58.8	1.992	3.005	0.9	19.1
6 10	16 15.26	−20 18.1	1.996	2.991	4.6	19.4
6 20	16 7.11	−20 38.2	2.026	2.978	8.3	19.6
6 30	16 0.62	−21 0.1	2.082	2.965	11.7	19.8

457424 2008 UB_{23} 5 29.4 219°.08 1°.9/29.9 16

4 21	16 59.13	−25 44.8	1.668	2.480	16.7	22.4
5 1	16 54.21	−26 3.4	1.576	2.473	13.4	22.1
5 11	16 46.19	−26 15.9	1.504	2.465	9.3	21.9
5 21	16 35.68	−26 20.0	1.456	2.456	4.8	21.6
5 31	16 23.81	−26 14.5	1.435	2.446	2.0	21.4
6 10	16 12.00	−26 0.5	1.440	2.436	5.9	21.6
6 20	16 1.64	−25 41.4	1.470	2.426	10.5	21.8
6 30	15 53.83	−25 21.7	1.523	2.414	14.7	22.1

149764 2004 PT_{98} 5 29.4 296°.82 4°.0/28.1 18

4 21	16 50.10	− 9 47.7	2.250	3.064	12.9	19.4
5 1	16 46.08	− 9 35.0	2.156	3.052	10.3	19.2
5 11	16 40.10	− 9 26.7	2.084	3.040	7.4	19.0
5 21	16 32.65	− 9 24.8	2.037	3.028	4.8	18.9
5 31	16 24.41	− 9 31.1	2.018	3.016	4.2	18.8
6 10	16 16.23	− 9 46.8	2.026	3.004	6.3	18.9
6 20	16 8.89	−10 12.2	2.060	2.992	9.3	19.1
6 30	16 3.10	−10 47.0	2.118	2.980	12.3	19.2

310661 2002 EJ_{98} 5 29.4 51°.37 2°.2/29.9 17

4 21	16 56.42	−25 18.0	1.256	2.094	19.7	20.3
5 1	16 52.52	−25 46.2	1.197	2.108	15.6	20.1
5 11	16 45.13	−26 7.3	1.156	2.123	10.7	19.8
5 21	16 35.13	−26 19.0	1.137	2.138	5.5	19.6
5 31	16 23.95	−26 20.1	1.142	2.154	2.3	19.4
6 10	16 13.31	−26 12.4	1.171	2.170	6.5	19.7
6 20	16 4.68	−25 59.8	1.223	2.186	11.4	20.0
6 30	15 59.06	−25 47.1	1.296	2.203	15.7	20.3

382880 2004 LF_{10} 5 29.4 329°.09 7°.1/28.8 18

4 21	16 50.11	− 5 54.5	1.249	2.096	19.2	19.4
5 1	16 47.89	− 5 56.0	1.156	2.069	15.9	19.1
5 11	16 42.42	− 6 12.0	1.081	2.042	12.0	18.7
5 21	16 34.14	− 6 47.5	1.026	2.016	8.4	18.5
5 31	16 24.08	− 7 45.8	0.994	1.992	7.2	18.3
6 10	16 13.74	− 9 7.0	0.984	1.969	10.1	18.4
6 20	16 4.69	−10 47.9	0.996	1.947	14.7	18.6
6 30	15 58.30	−12 43.4	1.028	1.927	19.4	18.8

275215 2009 WL_{184} 5 29.4 91°.54 0°.2/29.4 18

4 21	16 57.18	−18 40.3	1.818	2.634	15.4	20.3
5 1	16 52.09	−19 17.1	1.740	2.641	12.1	20.1
5 11	16 44.39	−19 54.9	1.684	2.648	8.2	19.9
5 21	16 34.71	−20 32.6	1.653	2.656	3.8	19.7
5 31	16 24.03	−21 8.7	1.650	2.663	0.8	19.4
6 10	16 13.54	−21 42.8	1.674	2.670	5.2	19.8
6 20	16 4.34	−22 15.0	1.724	2.677	9.4	20.0
6 30	15 57.31	−22 46.6	1.799	2.685	13.0	20.3

329924 2005 NP_{21} 5 29.4 288°.63 1°.7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.57	−16 34.6	3.205	4.012	9.6	21.5
5 1	16 42.81	−16 12.9	3.091	3.988	7.5	21.3
5 11	16 37.65	−15 50.1	3.002	3.964	5.1	21.1
5 21	16 31.44	−15 27.3	2.940	3.940	2.7	20.9
5 31	16 24.67	−15 6.0	2.907	3.915	1.8	20.8
6 10	16 17.91	−14 47.6	2.903	3.890	4.0	20.9
6 20	16 11.71	−14 33.6	2.926	3.866	6.6	21.1
6 30	16 6.57	−14 25.1	2.975	3.841	9.0	21.2

87080 2000 KH_{75} 5 29.4 281°.64 4°.1/28.2 18

4 21	16 53.32	−14 47.7	1.428	2.267	17.7	19.6
5 1	16 49.94	−14 13.9	1.336	2.249	14.1	19.3
5 11	16 43.47	−13 39.2	1.263	2.230	9.9	19.0
5 21	16 34.49	−13 6.8	1.212	2.212	5.6	18.7
5 31	16 24.06	−12 40.4	1.186	2.193	4.4	18.6
6 10	16 13.60	−12 24.0	1.185	2.174	8.2	18.7
6 20	16 4.50	−12 20.4	1.206	2.155	13.0	18.9
6 30	15 57.91	−12 31.4	1.248	2.136	17.5	19.1

208227 2000 SM_{239} 5 29.4 292°.71 4°.6/30.3 17

4 21	16 55.63	−29 37.0	1.421	2.245	18.6	20.7
5 1	16 52.38	−30 22.0	1.325	2.225	15.2	20.4
5 11	16 45.55	−30 59.6	1.248	2.205	11.1	20.1
5 21	16 35.63	−31 25.2	1.192	2.186	6.9	19.8
5 31	16 23.81	−31 34.7	1.160	2.166	4.6	19.6
6 10	16 11.81	−31 27.5	1.152	2.146	7.5	19.7
6 20	16 1.37	−31 6.8	1.168	2.127	12.2	19.9
6 30	15 53.93	−30 39.2	1.204	2.108	16.8	20.1

5933 Kemurdzhian 5 29.4 319°.88 0°.2/29.4 18

4 21	16 50.53	−22 39.2	1.123	1.981	20.2	16.9
5 1	16 48.66	−22 37.6	1.041	1.965	16.1	16.6
5 11	16 43.11	−22 29.3	0.976	1.950	11.1	16.3
5 21	16 34.47	−22 14.0	0.931	1.936	5.3	15.9
5 31	16 24.06	−21 52.5	0.909	1.923	1.0	15.6
6 10	16 13.69	−21 28.2	0.909	1.910	7.3	15.9
6 20	16 5.11	−21 5.7	0.930	1.898	13.3	16.2
6 30	15 59.70	−20 50.3	0.969	1.887	18.6	16.5

484249 2007 FY_{40} 5 29.4 67°.11 2°.9/27.0 18

4 21	16 42.56	− 8 51.1	4.170	4.972	7.6	21.3
5 1	16 39.23	− 8 17.0	4.094	4.981	6.1	21.2
5 11	16 34.98	− 7 45.0	4.042	4.990	4.5	21.1
5 21	16 30.11	− 7 16.8	4.018	4.999	3.2	21.0
5 31	16 24.96	− 6 53.7	4.023	5.008	3.0	21.0
6 10	16 19.92	− 6 36.9	4.056	5.018	4.1	21.1
6 20	16 15.34	− 6 27.1	4.116	5.027	5.7	21.2
6 30	16 11.52	− 6 24.4	4.202	5.036	7.2	21.4

271679 2004 RB_{79} 5 29.4 276°.47 3°.8/27.8 17

4 21	16 51.50	−14 49.3	1.873	2.698	14.7	20.7
5 1	16 47.69	−14 1.0	1.773	2.679	11.6	20.5
5 11	16 41.48	−13 10.5	1.696	2.659	8.2	20.2
5 21	16 33.40	−12 20.8	1.643	2.639	4.8	20.0
5 31	16 24.30	−11 35.6	1.616	2.619	4.0	19.9
6 10	16 15.24	−10 59.0	1.616	2.599	7.1	20.0
6 20	16 7.22	−10 34.1	1.641	2.579	10.9	20.2
6 30	16 1.11	−10 22.9	1.688	2.558	14.5	20.4

86581 2000 EW_{54} 5 29.4 278°.98 2°.2/29.7 18

4 21	16 57.99	−24 4.4	1.479	2.303	17.9	19.4
5 1	16 54.07	−24 46.0	1.375	2.279	14.4	19.1
5 11	16 46.65	−25 26.0	1.291	2.255	10.1	18.8
5 21	16 36.18	−26 1.5	1.230	2.231	5.3	18.4
5 31	16 23.72	−26 29.1	1.194	2.206	2.3	18.2
6 10	16 10.90	−26 47.7	1.183	2.181	6.8	18.4
6 20	15 59.41	−26 58.6	1.197	2.155	12.1	18.6
6 30	15 50.72	−27 5.6	1.231	2.129	16.9	18.8

1096 Reunerta 5 29.4 297°.97 1°.6/29.1 18

4 21	16 53.31	−16 54.3	1.685	2.513	15.9	14.7
5 1	16 49.58	−17 5.6	1.584	2.492	12.6	14.4
5 11	16 43.07	−17 18.6	1.504	2.471	8.7	14.1
5 21	16 34.28	−17 33.7	1.448	2.450	4.3	13.8
5 31	16 24.12	−17 51.2	1.417	2.429	1.9	13.6
6 10	16 13.84	−18 11.7	1.412	2.408	6.2	13.8
6 20	16 4.67	−18 36.1	1.433	2.388	10.8	14.1
6 30	15 57.70	−19 5.4	1.476	2.367	15.0	14.3

158413 2002 AW_{51} 5 29.4 77°.70 1°.6/28.9 17

4 21	16 54.46	−18 40.4	1.746	2.569	15.6	20.7
5 1	16 49.78	−18 24.0	1.683	2.588	12.2	20.5
5 11	16 42.66	−18 5.5	1.641	2.607	8.2	20.3
5 21	16 33.81	−17 46.1	1.624	2.626	3.9	20.1
5 31	16 24.27	−17 27.7	1.633	2.645	1.9	20.0
6 10	16 15.15	−17 12.6	1.669	2.663	5.6	20.3
6 20	16 7.43	−17 2.9	1.731	2.682	9.6	20.6
6 30	16 1.82	−17 0.3	1.816	2.700	13.0	20.8

57271 2001 QC_{137} 5 29.4 202°.40 1°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.39	−29 7.2	2.384	3.180	12.8	19.2
5 1	16 47.87	−28 58.8	2.292	3.178	10.2	19.0
5 11	16 41.28	−28 41.8	2.222	3.176	7.2	18.8
5 21	16 33.19	−28 15.6	2.178	3.174	3.9	18.6
5 31	16 24.37	−27 40.7	2.161	3.172	1.9	18.4
6 10	16 15.76	−26 59.3	2.173	3.169	4.3	18.6
6 20	16 8.18	−26 14.7	2.213	3.166	7.6	18.8
6 30	16 2.30	−25 30.8	2.277	3.163	10.6	19.0

123293 2000 UU_{102} 5 29.4 51°.88 6°.9/31.0 17

4 21	16 59.76	−34 50.4	1.590	2.387	18.1	18.9
5 1	16 54.98	−36 12.7	1.528	2.404	14.9	18.8
5 11	16 46.78	−37 23.5	1.486	2.422	11.5	18.6
5 21	16 35.95	−38 16.4	1.466	2.440	8.3	18.4
5 31	16 23.84	−38 46.8	1.471	2.459	6.9	18.4
6 10	16 12.09	−38 54.3	1.501	2.478	8.3	18.5
6 20	16 2.21	−38 42.8	1.555	2.497	11.2	18.7
6 30	15 55.26	−38 19.0	1.631	2.516	14.2	19.0

341453 2007 TN_{271} 5 29.4 175°.90 0°.5/29.6 17

4 21	16 52.38	−24 3.2	2.195	3.004	13.3	21.7
5 1	16 47.96	−23 58.9	2.108	3.005	10.5	21.5
5 11	16 41.40	−23 49.3	2.043	3.005	7.1	21.3
5 21	16 33.26	−23 34.2	2.004	3.006	3.4	21.0
5 31	16 24.36	−23 14.5	1.993	3.006	0.8	20.8
6 10	16 15.65	−22 51.9	2.009	3.006	4.5	21.1
6 20	16 7.99	−22 29.0	2.052	3.006	8.1	21.3
6 30	16 2.10	−22 8.7	2.120	3.006	11.3	21.5

482226 2011 AP_{21} 5 29.4 216°.91 2°.5/28.2 18

4 21	16 48.27	−12 38.3	3.080	3.885	10.0	21.3
5 1	16 44.06	−12 26.1	2.987	3.880	7.9	21.2
5 11	16 38.44	−12 15.6	2.918	3.876	5.5	21.0
5 21	16 31.79	−12 8.0	2.876	3.871	3.2	20.9
5 31	16 24.64	−12 4.4	2.863	3.866	2.6	20.8
6 10	16 17.58	−12 5.9	2.879	3.861	4.5	20.9
6 20	16 11.15	−12 13.2	2.923	3.855	6.9	21.1
6 30	16 5.84	−12 26.7	2.991	3.850	9.2	21.2

336285 2008 SL_{253} 5 29.4 62°.31 3°.4/27.9 17

4 21	16 51.03	−15 56.3	1.821	2.649	14.9	20.8
5 1	16 47.07	−15 4.1	1.749	2.656	11.7	20.6
5 11	16 40.84	−14 10.0	1.698	2.664	8.0	20.4
5 21	16 32.99	−13 17.1	1.673	2.671	4.5	20.2
5 31	16 24.42	−12 29.4	1.673	2.678	3.6	20.2
6 10	16 16.18	−11 50.6	1.701	2.686	6.6	20.4
6 20	16 9.15	−11 23.2	1.753	2.693	10.2	20.6
6 30	16 4.05	−11 9.0	1.828	2.701	13.5	20.8

222657 2001 XF_{188} 5 29.4 141°.13 1°.4/29.9 17

4 21	16 54.83	−26 53.6	1.974	2.781	14.7	20.8
5 1	16 50.09	−26 43.6	1.893	2.787	11.6	20.6
5 11	16 42.91	−26 25.2	1.834	2.793	8.0	20.4
5 21	16 33.98	−25 58.0	1.799	2.798	4.1	20.2
5 31	16 24.23	−25 22.9	1.791	2.804	1.4	20.0
6 10	16 14.79	−24 42.7	1.811	2.809	4.8	20.2
6 20	16 6.64	−24 1.0	1.858	2.813	8.7	20.5
6 30	16 0.54	−23 22.2	1.929	2.817	12.2	20.7

32811 Apisaon 5 29.4 35°.34 1°.7/30.4 18

4 21	16 46.59	−28 54.7	4.151	4.931	8.0	18.3
5 1	16 42.53	−29 19.3	4.059	4.935	6.4	18.2
5 11	16 37.31	−29 40.0	3.992	4.939	4.5	18.1
5 21	16 31.24	−29 56.0	3.952	4.943	2.7	17.9
5 31	16 24.76	−30 7.1	3.941	4.947	1.7	17.9
6 10	16 18.33	−30 13.4	3.960	4.951	2.9	18.0
6 20	16 12.41	−30 15.8	4.008	4.955	4.8	18.1
6 30	16 7.40	−30 15.6	4.082	4.959	6.6	18.2

521052 2015 DV_{236} 5 29.4 355°.05 3°.5/28.2 17

4 21	16 50.81	−14 52.4	1.687	2.520	15.7	21.4
5 1	16 47.21	−14 17.5	1.609	2.519	12.3	21.2
5 11	16 41.13	−13 42.4	1.552	2.518	8.6	20.9
5 21	16 33.20	−13 10.0	1.519	2.517	4.8	20.7
5 31	16 24.38	−12 43.3	1.511	2.517	3.8	20.7
6 10	16 15.79	−12 25.4	1.529	2.517	6.9	20.8
6 20	16 8.44	−12 18.4	1.572	2.517	10.8	21.1
6 30	16 3.16	−12 23.3	1.636	2.517	14.4	21.3

181366 2006 RW_{99} 5 29.4 225°.67 5°.5/31.4 17

4 21	17 0.13	−36 14.5	2.062	2.834	15.3	21.7
5 1	16 54.76	−36 47.8	1.961	2.823	12.7	21.5
5 11	16 46.45	−37 9.3	1.881	2.811	9.8	21.3
5 21	16 35.80	−37 14.9	1.824	2.798	7.0	21.1
5 31	16 23.86	−37 1.6	1.794	2.785	5.5	20.9
6 10	16 11.98	−36 29.9	1.791	2.771	6.8	21.0
6 20	16 1.45	−35 43.6	1.814	2.756	9.8	21.1
6 30	15 53.31	−34 48.9	1.861	2.740	13.0	21.3

199391 2006 BN_{255} 5 29.4 319°.13 2°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.47	−17 29.2	1.768	2.597	15.2	20.0
5 1	16 47.68	−17 5.1	1.685	2.594	12.0	19.7
5 11	16 41.44	−16 39.2	1.623	2.590	8.2	19.5
5 21	16 33.35	−16 13.0	1.586	2.587	4.1	19.2
5 31	16 24.35	−15 49.1	1.574	2.584	2.5	19.1
6 10	16 15.54	−15 30.2	1.589	2.582	6.1	19.3
6 20	16 7.93	−15 18.5	1.629	2.579	10.1	19.6
6 30	16 2.36	−15 16.0	1.692	2.576	13.8	19.8

503459 2016 EC_{126} 5 29.4 317°.40 1°.8/29.9 17

4 21	16 49.68	−25 35.4	1.232	2.082	19.3	20.8
5 1	16 47.93	−25 44.6	1.138	2.057	15.5	20.5
5 11	16 42.64	−25 45.4	1.062	2.033	10.9	20.2
5 21	16 34.31	−25 35.8	1.007	2.010	5.6	19.8
5 31	16 24.12	−25 15.3	0.974	1.987	2.0	19.5
6 10	16 13.78	−24 46.0	0.964	1.965	7.1	19.7
6 20	16 5.03	−24 12.9	0.975	1.944	12.8	19.9
6 30	15 59.30	−23 42.3	1.006	1.924	18.1	20.2

137617 1999 VJ_{195} 5 29.4 219°.25 3°.5/28.1 17

4 21	16 54.09	−15 12.4	1.812	2.634	15.2	20.1
5 1	16 49.66	−14 30.8	1.724	2.628	12.0	19.9
5 11	16 42.75	−13 47.9	1.658	2.622	8.3	19.7
5 21	16 33.97	−13 6.2	1.617	2.615	4.7	19.4
5 31	16 24.23	−12 29.1	1.602	2.607	3.7	19.4
6 10	16 14.66	−12 0.2	1.614	2.599	6.9	19.5
6 20	16 6.29	−11 42.1	1.652	2.591	10.7	19.7
6 30	15 59.95	−11 36.4	1.712	2.583	14.3	19.9

128037 2003 KU_{18} 5 29.4 358°.48 5°.0/30.9 17

4 21	16 53.18	−31 56.9	1.208	2.043	20.5	19.4
5 1	16 50.63	−32 21.4	1.135	2.041	16.7	19.1
5 11	16 44.29	−32 31.3	1.080	2.040	12.2	18.9
5 21	16 34.93	−32 22.5	1.046	2.039	7.6	18.6
5 31	16 24.04	−31 52.9	1.033	2.039	5.0	18.4
6 10	16 13.51	−31 5.7	1.043	2.039	7.7	18.6
6 20	16 5.04	−30 7.7	1.076	2.041	12.3	18.8
6 30	15 59.83	−29 7.8	1.128	2.043	16.8	19.1

219603 2001 TO_{84} 5 29.4 169°.15 0°.5/29.6 17

4 21	16 55.49	−23 45.8	2.120	2.926	13.9	21.6
5 1	16 50.44	−23 43.1	2.035	2.929	10.9	21.4
5 11	16 43.10	−23 35.3	1.972	2.933	7.4	21.1
5 21	16 34.07	−23 21.9	1.934	2.935	3.5	20.9
5 31	16 24.23	−23 3.6	1.924	2.937	0.8	20.7
6 10	16 14.61	−22 42.2	1.942	2.939	4.6	21.0
6 20	16 6.14	−22 20.4	1.988	2.940	8.4	21.2
6 30	15 59.57	−22 1.1	2.058	2.940	11.8	21.4

56767 2000 OP_{26} 5 29.4 321°.49 1°.4/29.1 18

4 21	16 51.35	−17 56.0	1.464	2.306	17.2	18.4
5 1	16 48.37	−18 3.4	1.375	2.291	13.6	18.1
5 11	16 42.40	−18 11.3	1.306	2.276	9.3	17.8
5 21	16 34.00	−18 20.0	1.259	2.262	4.5	17.5
5 31	16 24.23	−18 30.2	1.236	2.249	1.8	17.2
6 10	16 14.46	−18 43.1	1.238	2.236	6.5	17.5
6 20	16 6.03	−19 0.0	1.264	2.224	11.4	17.7
6 30	16 0.06	−19 22.4	1.311	2.212	15.9	18.0

202994 1999 VT_{138} 5 29.4 79°.56 0°.1/29.4 18

4 21	16 54.94	−20 14.1	1.894	2.711	14.8	20.5
5 1	16 50.20	−20 35.1	1.819	2.721	11.6	20.3
5 11	16 43.04	−20 54.7	1.766	2.731	7.8	20.1
5 21	16 34.07	−21 12.4	1.738	2.741	3.7	19.8
5 31	16 24.25	−21 27.6	1.737	2.751	0.7	19.6
6 10	16 14.68	−21 41.1	1.764	2.761	5.0	20.0
6 20	16 6.35	−21 53.9	1.817	2.771	8.9	20.2
6 30	16 0.06	−22 7.9	1.893	2.781	12.4	20.4

343365 2010 CE_{84} 5 29.4 128°.20 3°.5/30.8 17

4 21	16 55.91	−31 53.5	2.147	2.936	14.2	21.7
5 1	16 50.89	−32 12.3	2.067	2.945	11.5	21.5
5 11	16 43.46	−32 21.3	2.008	2.953	8.4	21.3
5 21	16 34.25	−32 18.6	1.974	2.962	5.2	21.2
5 31	16 24.22	−32 3.2	1.967	2.970	3.5	21.1
6 10	16 14.47	−31 36.7	1.987	2.977	5.3	21.2
6 20	16 5.98	−31 2.4	2.034	2.985	8.4	21.4
6 30	15 59.52	−30 24.9	2.106	2.992	11.4	21.6

208659 2002 FX_{21} 5 29.4 345°.80 5°.5/30.9 17

4 21	16 54.39	−32 28.3	1.316	2.141	19.7	19.8
5 1	16 51.42	−33 6.6	1.239	2.137	16.1	19.6
5 11	16 44.78	−33 32.0	1.180	2.134	12.0	19.3
5 21	16 35.19	−33 39.8	1.141	2.131	7.8	19.1
5 31	16 24.02	−33 27.0	1.126	2.129	5.5	18.9
6 10	16 13.10	−32 54.9	1.134	2.127	7.8	19.1
6 20	16 4.10	−32 9.3	1.165	2.125	12.1	19.3
6 30	15 58.26	−31 18.3	1.216	2.125	16.3	19.5

300948 2008 CV_{184} 5 29.4 94°.38 0°.5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.92	−24 17.2	2.545	3.342	12.0	20.6
5 1	16 48.50	−23 19.5	2.474	3.366	9.3	20.4
5 11	16 41.36	−22 14.8	2.428	3.389	6.2	20.3
5 21	16 33.10	−21 5.0	2.410	3.412	2.9	20.1
5 31	16 24.47	−19 53.0	2.421	3.434	0.8	19.9
6 10	16 16.25	−18 42.5	2.462	3.456	4.1	20.2
6 20	16 9.08	−17 37.1	2.532	3.478	7.2	20.5
6 30	16 3.49	−16 39.9	2.628	3.499	9.9	20.7

353801 2012 TR_{52} 5 29.4 111°.15 4°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.69	−42 14.6	4.579	5.303	8.1	21.4
5 1	16 43.47	−42 40.6	4.485	5.304	6.9	21.3
5 11	16 37.98	−42 58.7	4.414	5.306	5.6	21.2
5 21	16 31.58	−43 7.5	4.369	5.307	4.5	21.1
5 31	16 24.74	−43 6.3	4.350	5.308	4.0	21.1
6 10	16 17.97	−42 55.5	4.360	5.309	4.3	21.1
6 20	16 11.77	−42 36.3	4.397	5.311	5.3	21.2
6 30	16 6.57	−42 10.6	4.459	5.312	6.5	21.3

8389 1993 FT_{37} 5 29.4 68°.32 1°.3/28.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.37	−18 57.3	2.078	2.897	13.6	18.1
5 1	16 47.08	−18 40.0	2.008	2.911	10.6	17.9
5 11	16 40.72	−18 20.5	1.960	2.926	7.1	17.7
5 21	16 32.92	−17 59.9	1.938	2.940	3.4	17.5
5 31	16 24.50	−17 40.0	1.943	2.954	1.6	17.4
6 10	16 16.39	−17 22.8	1.975	2.969	4.9	17.7
6 20	16 9.38	−17 10.1	2.034	2.983	8.4	17.9
6 30	16 4.13	−17 3.8	2.116	2.998	11.6	18.1

477079 2009 BB_{89} 5 29.4 194°.21 1°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.74	−19 16.5	2.217	3.031	13.0	22.2
5 1	16 47.39	−19 0.4	2.129	3.030	10.2	22.0
5 11	16 40.99	−18 41.8	2.065	3.029	6.9	21.8
5 21	16 33.09	−18 21.5	2.026	3.028	3.3	21.6
5 31	16 24.46	−18 1.1	2.014	3.026	1.4	21.4
6 10	16 16.00	−17 42.6	2.031	3.025	4.8	21.7
6 20	16 8.53	−17 28.0	2.075	3.023	8.4	21.9
6 30	16 2.74	−17 19.2	2.142	3.021	11.5	22.1

475900 2007 DA_{54} 5 29.4 223°.53 8°.4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.59	+ 8 43.2	2.944	3.692	11.7	22.0
5 1	16 45.89	+ 9 27.3	2.862	3.683	10.3	21.9
5 11	16 39.69	+ 9 59.7	2.801	3.673	9.1	21.8
5 21	16 32.41	+10 16.8	2.765	3.662	8.4	21.7
5 31	16 24.60	+10 15.6	2.753	3.651	8.5	21.7
6 10	16 16.88	+ 9 55.2	2.767	3.640	9.4	21.7
6 20	16 9.84	+ 9 16.1	2.805	3.628	10.7	21.8
6 30	16 3.99	+ 8 20.2	2.864	3.616	12.2	21.9

174770 2003 WS_{44} 5 29.4 147°.02 4°.1/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.20	−11 24.3	1.977	2.788	14.5	20.9
5 1	16 50.88	−10 55.3	1.904	2.799	11.5	20.7
5 11	16 43.32	−10 29.2	1.852	2.809	8.2	20.6
5 21	16 34.16	−10 8.4	1.826	2.818	5.1	20.4
5 31	16 24.28	− 9 55.5	1.827	2.826	4.3	20.3
6 10	16 14.69	− 9 52.4	1.856	2.834	6.8	20.5
6 20	16 6.29	− 9 59.9	1.911	2.841	10.1	20.7
6 30	15 59.78	−10 18.1	1.989	2.848	13.1	20.9

523789 2015 FN_{345} 5 29.4 323°.08 0°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.82	+ 5 46.3	38.231	38.985	1.0	22.2
5 1	16 28.14	+ 5 52.0	38.156	38.983	0.9	22.2
5 11	16 27.39	+ 5 56.7	38.105	38.981	0.7	22.2
5 21	16 26.57	+ 6 0.4	38.079	38.979	0.7	22.2
5 31	16 25.73	+ 6 3.0	38.079	38.977	0.7	22.2
6 10	16 24.90	+ 6 4.3	38.105	38.975	0.8	22.2
6 20	16 24.10	+ 6 4.4	38.156	38.974	0.9	22.2
6 30	16 23.37	+ 6 3.3	38.231	38.972	1.0	22.2

259613 2003 UR_{375} 5 29.4 151°.01 3°.7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.74	−30 39.8	1.638	2.445	17.2	21.2
5 1	16 53.13	−30 59.6	1.558	2.449	13.9	21.0
5 11	16 45.42	−31 8.5	1.499	2.452	10.0	20.8
5 21	16 35.33	−31 3.6	1.462	2.455	6.0	20.5
5 31	16 24.07	−30 43.8	1.451	2.458	3.7	20.4
6 10	16 13.12	−30 10.9	1.466	2.460	6.2	20.6
6 20	16 3.80	−29 29.7	1.506	2.462	10.3	20.8
6 30	15 57.12	−28 46.2	1.569	2.464	14.1	21.0

341397 2007 TB_{144} 5 29.4 247°.42 1°.9/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.40	−17 56.3	2.120	2.938	13.4	21.4
5 1	16 47.26	−17 29.9	2.028	2.931	10.5	21.1
5 11	16 41.00	−17 1.0	1.959	2.923	7.2	20.9
5 21	16 33.14	−16 31.3	1.914	2.916	3.6	20.7
5 31	16 24.49	−16 2.8	1.898	2.908	2.1	20.6
6 10	16 15.97	−15 38.0	1.908	2.900	5.3	20.8
6 20	16 8.44	−15 19.2	1.945	2.891	9.0	21.0
6 30	16 2.63	−15 8.5	2.006	2.883	12.3	21.1

73213 2002 JN_{22} 5 29.4 301°.22 2°.2/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.90	−24 12.4	1.408	2.242	18.2	18.7
5 1	16 51.62	−24 52.0	1.316	2.225	14.6	18.5
5 11	16 44.92	−25 28.9	1.243	2.209	10.2	18.1
5 21	16 35.35	−26 0.4	1.192	2.193	5.3	17.8
5 31	16 24.03	−26 23.9	1.165	2.177	2.3	17.6
6 10	16 12.58	−26 38.6	1.163	2.161	6.7	17.8
6 20	16 2.61	−26 46.4	1.184	2.146	11.8	18.0
6 30	15 55.46	−26 51.1	1.226	2.131	16.5	18.3

349860 2009 DY_{35} 5 29.4 9°.46 5°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.02	− 7 54.5	2.090	2.909	13.6	20.6
5 1	16 45.25	− 6 56.7	2.013	2.909	11.0	20.4
5 11	16 39.53	− 6 2.7	1.959	2.909	8.2	20.3
5 21	16 32.42	− 5 16.5	1.930	2.910	6.1	20.1
5 31	16 24.64	− 4 42.0	1.927	2.910	5.9	20.1
6 10	16 17.07	− 4 21.9	1.950	2.911	7.9	20.2
6 20	16 10.47	− 4 17.3	1.998	2.912	10.6	20.4
6 30	16 5.48	− 4 28.2	2.068	2.913	13.2	20.6

779 Nina 5 29.4 299°.22 5°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.62	−37 28.4	1.774	2.563	16.8	12.1
5 1	16 50.97	−37 31.2	1.666	2.539	14.1	11.8
5 11	16 44.19	−37 16.7	1.577	2.514	10.9	11.6
5 21	16 34.87	−36 41.0	1.510	2.489	7.6	11.3
5 31	16 24.15	−35 42.1	1.468	2.465	5.7	11.1
6 10	16 13.50	−34 22.1	1.452	2.440	7.1	11.2
6 20	16 4.34	−32 47.6	1.461	2.416	10.6	11.3
6 30	15 57.77	−31 7.3	1.494	2.392	14.5	11.5

297808 2002 AT_{51} 5 29.4 208°.61 1°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.60	−16 14.7	3.077	3.878	10.1	21.8
5 1	16 45.91	−15 57.5	2.978	3.871	7.9	21.7
5 11	16 39.73	−15 39.7	2.903	3.863	5.4	21.5
5 21	16 32.45	−15 22.3	2.856	3.855	2.8	21.3
5 31	16 24.64	−15 6.5	2.838	3.846	1.9	21.2
6 10	16 16.90	−14 53.7	2.849	3.837	4.1	21.4
6 20	16 9.82	−14 45.3	2.889	3.827	6.8	21.5
6 30	16 3.92	−14 42.1	2.955	3.816	9.2	21.7

93267 2000 SS_{173} 5 29.4 0°.06 6°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.84	−37 28.6	1.470	2.276	18.9	18.7
5 1	16 49.84	−37 33.5	1.392	2.275	15.7	18.5
5 11	16 43.43	−37 18.9	1.331	2.274	12.0	18.2
5 21	16 34.45	−36 41.0	1.292	2.273	8.3	18.0
5 31	16 24.26	−35 39.0	1.276	2.274	6.1	17.9
6 10	16 14.52	−34 17.1	1.285	2.275	7.6	18.0
6 20	16 6.65	−32 43.1	1.317	2.277	11.1	18.2
6 30	16 1.66	−31 6.9	1.372	2.279	14.9	18.4

261054 2005 SW_{177} 5 29.4 219°.68 2°.2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.64	−16 27.8	2.704	3.513	11.1	21.3
5 1	16 45.36	−15 50.1	2.609	3.506	8.7	21.1
5 11	16 39.44	−15 10.7	2.538	3.500	6.0	20.9
5 21	16 32.34	−14 31.3	2.494	3.493	3.2	20.7
5 31	16 24.66	−13 54.0	2.479	3.485	2.4	20.6
6 10	16 17.11	−13 21.2	2.492	3.478	4.8	20.8
6 20	16 10.32	−12 55.0	2.533	3.470	7.6	21.0
6 30	16 4.85	−12 36.8	2.599	3.461	10.3	21.1

480597 2015 MS_{87} 5 29.4 127°.83 0°.4/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.39	−25 5.3	2.416	3.222	12.3	21.7
5 1	16 46.19	−24 40.1	2.328	3.223	9.7	21.5
5 11	16 40.11	−24 8.2	2.263	3.224	6.6	21.3
5 21	16 32.67	−23 30.1	2.223	3.225	3.1	21.1
5 31	16 24.61	−22 47.5	2.212	3.226	0.6	20.9
6 10	16 16.76	−22 2.8	2.230	3.227	4.1	21.2
6 20	16 9.87	−21 19.3	2.274	3.228	7.5	21.4
6 30	16 4.57	−20 39.9	2.344	3.228	10.5	21.6

145727 1994 PL_{29} 5 29.4 289°.04 0°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.84	−23 12.6	1.603	2.430	16.6	20.0
5 1	16 50.32	−23 17.5	1.501	2.408	13.3	19.8
5 11	16 43.77	−23 17.3	1.418	2.384	9.2	19.5
5 21	16 34.73	−23 11.1	1.358	2.361	4.4	19.1
5 31	16 24.18	−22 58.9	1.324	2.338	0.9	18.8
6 10	16 13.51	−22 42.5	1.316	2.314	6.0	19.1
6 20	16 4.09	−22 24.9	1.332	2.291	11.0	19.3
6 30	15 57.09	−22 10.2	1.369	2.268	15.5	19.5

469986 2006 HV_{103} 5 29.4 49°.71 6°.8/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.39	− 4 39.5	1.722	2.541	16.0	21.0
5 1	16 48.17	− 4 12.2	1.660	2.553	13.0	20.8
5 11	16 41.62	− 3 54.7	1.618	2.565	9.9	20.6
5 21	16 33.41	− 3 50.5	1.599	2.577	7.4	20.5
5 31	16 24.48	− 4 2.4	1.606	2.589	6.9	20.5
6 10	16 15.88	− 4 31.0	1.638	2.602	8.8	20.6
6 20	16 8.53	− 5 15.3	1.694	2.615	11.7	20.8
6 30	16 3.17	− 6 12.8	1.772	2.628	14.6	21.1

367120 2006 SX_{99} 5 29.4 217°.99 0°.7/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.41	−24 5.3	2.020	2.826	14.4	22.2
5 1	16 51.46	−24 4.2	1.923	2.818	11.4	22.0
5 11	16 44.01	−23 57.6	1.848	2.809	7.8	21.7
5 21	16 34.63	−23 44.8	1.799	2.800	3.8	21.5
5 31	16 24.23	−23 26.0	1.777	2.790	0.9	21.2
6 10	16 13.93	−23 3.1	1.782	2.779	5.0	21.5
6 20	16 4.78	−22 39.1	1.815	2.768	9.0	21.7
6 30	15 57.64	−22 17.4	1.872	2.756	12.7	21.9

34951 4221 T_{-1} 5 29.4 43°.33 2°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.95	−16 13.7	2.060	2.883	13.6	19.1
5 1	16 46.05	−15 47.2	1.984	2.889	10.6	18.9
5 11	16 40.11	−15 20.1	1.930	2.894	7.2	18.7
5 21	16 32.70	−14 54.1	1.901	2.901	3.8	18.5
5 31	16 24.62	−14 31.5	1.899	2.907	2.6	18.4
6 10	16 16.78	−14 14.5	1.924	2.913	5.5	18.6
6 20	16 9.98	−14 4.9	1.975	2.920	8.9	18.8
6 30	16 4.89	−14 3.9	2.050	2.927	12.1	19.0

225922 2002 AH_{107} 5 29.4 150°.64 1°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.75	−25 28.9	2.226	3.025	13.5	21.9
5 1	16 50.52	−25 27.4	2.143	3.034	10.6	21.7
5 11	16 43.10	−25 19.8	2.084	3.042	7.3	21.5
5 21	16 34.10	−25 5.5	2.050	3.049	3.6	21.3
5 31	16 24.36	−24 44.9	2.044	3.056	1.1	21.1
6 10	16 14.88	−24 20.0	2.066	3.063	4.4	21.4
6 20	16 6.54	−23 53.5	2.116	3.068	8.0	21.6
6 30	16 0.05	−23 28.6	2.191	3.074	11.2	21.8

233468 2006 KL_{79} 5 29.4 90°.14 2°.6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.67	−27 23.8	1.994	2.794	14.8	20.8
5 1	16 52.30	−27 59.7	1.925	2.813	11.7	20.6
5 11	16 44.44	−28 29.4	1.878	2.832	8.2	20.4
5 21	16 34.75	−28 50.4	1.856	2.851	4.6	20.2
5 31	16 24.24	−29 1.5	1.861	2.869	2.6	20.1
6 10	16 14.06	−29 3.3	1.894	2.887	5.1	20.3
6 20	16 5.23	−28 58.2	1.953	2.905	8.6	20.6
6 30	15 58.52	−28 49.7	2.037	2.923	11.7	20.8

483833 2005 XU_{21} 5 29.4 250°.68 0°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.63	−26 56.2	2.760	3.554	11.3	22.1
5 1	16 47.05	−26 29.8	2.650	3.537	9.0	21.9
5 11	16 40.67	−25 55.8	2.564	3.521	6.2	21.7
5 21	16 32.95	−25 14.3	2.504	3.504	3.1	21.4
5 31	16 24.57	−24 26.3	2.473	3.486	0.9	21.2
6 10	16 16.29	−23 34.3	2.472	3.468	3.8	21.4
6 20	16 8.83	−22 41.4	2.499	3.450	7.0	21.6
6 30	16 2.80	−21 50.9	2.552	3.431	9.9	21.8

210087 2006 QD_{62} 5 29.4 259°.69 1°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.76	−17 51.7	3.448	4.252	9.0	21.5
5 1	16 42.85	−17 39.4	3.343	4.238	7.1	21.4
5 11	16 37.65	−17 26.0	3.262	4.223	4.8	21.2
5 21	16 31.49	−17 12.3	3.208	4.209	2.4	21.0
5 31	16 24.85	−16 59.1	3.184	4.194	1.3	20.9
6 10	16 18.26	−16 47.8	3.189	4.180	3.5	21.1
6 20	16 12.21	−16 39.3	3.222	4.165	5.9	21.2
6 30	16 7.15	−16 34.7	3.281	4.150	8.2	21.3

332010 2005 MT_{42} 5 29.4 287°.84 0°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.77	−19 21.6	3.180	3.986	9.7	20.9
5 1	16 43.02	−19 5.1	3.070	3.967	7.6	20.8
5 11	16 37.85	−18 46.4	2.984	3.947	5.1	20.6
5 21	16 31.61	−18 26.3	2.925	3.927	2.5	20.4
5 31	16 24.83	−18 5.9	2.895	3.907	1.1	20.2
6 10	16 18.07	−17 46.7	2.894	3.886	3.6	20.4
6 20	16 11.90	−17 30.1	2.920	3.866	6.3	20.6
6 30	16 6.82	−17 17.6	2.973	3.846	8.8	20.7

387656 2002 RZ_{189} 5 29.4 304°.66 5°.1/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.36	−33 38.0	1.810	2.611	16.0	21.1
5 1	16 49.92	−34 11.5	1.704	2.587	13.3	20.9
5 11	16 43.50	−34 34.5	1.618	2.563	10.1	20.6
5 21	16 34.60	−34 43.2	1.555	2.539	6.8	20.4
5 31	16 24.24	−34 34.6	1.517	2.516	5.1	20.2
6 10	16 13.78	−34 9.0	1.504	2.492	6.9	20.3
6 20	16 4.58	−33 29.8	1.516	2.469	10.5	20.4
6 30	15 57.79	−32 42.9	1.551	2.446	14.2	20.6

195161 2002 CA_{226} 5 29.4 70°.52 5°.5/27.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.21	− 9 52.6	1.709	2.536	15.8	20.2
5 1	16 48.06	− 9 4.2	1.646	2.548	12.6	20.1
5 11	16 41.56	− 8 20.1	1.604	2.561	9.1	19.9
5 21	16 33.40	− 7 44.0	1.585	2.573	6.2	19.7
5 31	16 24.52	− 7 19.8	1.592	2.586	5.7	19.7
6 10	16 16.01	− 7 9.9	1.625	2.598	8.1	19.9
6 20	16 8.78	− 7 15.3	1.682	2.611	11.3	20.1
6 30	16 3.56	− 7 35.2	1.761	2.623	14.4	20.3

498468 2008 CN_{40} 5 29.4 112°.65 0°.6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.63	−21 58.0	1.777	2.594	15.7	22.6
5 1	16 51.54	−21 36.4	1.708	2.610	12.2	22.4
5 11	16 43.92	−21 9.5	1.661	2.625	8.2	22.2
5 21	16 34.50	−20 38.0	1.637	2.640	3.8	21.9
5 31	16 24.33	−20 3.9	1.641	2.655	1.0	21.8
6 10	16 14.58	−19 30.3	1.673	2.669	5.3	22.1
6 20	16 6.27	−19 0.5	1.730	2.682	9.5	22.4
6 30	16 0.16	−18 37.7	1.811	2.695	13.0	22.6

31570 1999 FG_{19} 5 29.4 65°.26 0°.7/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.32	−24 37.5	1.569	2.394	17.0	18.1
5 1	16 50.87	−24 29.7	1.508	2.413	13.3	17.9
5 11	16 43.62	−24 14.5	1.467	2.432	9.0	17.7
5 21	16 34.39	−23 51.9	1.449	2.451	4.3	17.4
5 31	16 24.35	−23 23.2	1.457	2.470	1.0	17.2
6 10	16 14.84	−22 51.5	1.491	2.490	5.5	17.6
6 20	16 6.94	−22 20.8	1.550	2.509	9.8	17.9
6 30	16 1.47	−21 54.9	1.632	2.528	13.6	18.2

353496 2011 SU_{82} 5 29.4 199°.25 1°.9/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.25	−16 42.0	2.724	3.531	11.1	21.9
5 1	16 45.83	−16 18.3	2.631	3.528	8.7	21.7
5 11	16 39.77	−15 53.5	2.563	3.525	5.9	21.5
5 21	16 32.52	−15 28.9	2.522	3.521	3.1	21.4
5 31	16 24.70	−15 6.1	2.509	3.517	2.0	21.3
6 10	16 17.00	−14 46.9	2.525	3.513	4.5	21.4
6 20	16 10.07	−14 32.8	2.569	3.509	7.4	21.6
6 30	16 4.46	−14 25.2	2.637	3.504	10.0	21.8

305474 2008 DF_{49} 5 29.4 150°.26 6°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.16	− 3 19.3	2.447	3.246	12.4	20.9
5 1	16 45.82	− 2 45.7	2.371	3.249	10.2	20.8
5 11	16 39.79	− 2 19.4	2.317	3.252	8.0	20.6
5 21	16 32.53	− 2 3.4	2.287	3.254	6.3	20.5
5 31	16 24.70	− 2 0.2	2.285	3.256	6.1	20.5
6 10	16 17.04	− 2 11.0	2.310	3.259	7.5	20.6
6 20	16 10.22	− 2 35.7	2.360	3.261	9.7	20.8
6 30	16 4.80	− 3 13.2	2.433	3.263	12.0	20.9

340562 2006 KC_{81} 5 29.4 245°.97 2°.7/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.52	−13 15.7	2.283	3.092	12.9	21.1
5 1	16 48.83	−13 12.7	2.183	3.079	10.2	20.9
5 11	16 42.06	−13 12.3	2.106	3.065	7.1	20.7
5 21	16 33.70	−13 15.5	2.055	3.052	4.0	20.5
5 31	16 24.46	−13 23.5	2.031	3.037	2.9	20.4
6 10	16 15.25	−13 37.2	2.036	3.023	5.5	20.5
6 20	16 6.89	−13 57.3	2.068	3.008	8.9	20.7
6 30	16 0.13	−14 24.1	2.124	2.992	12.1	20.8

332538 2008 PJ_{17} 5 29.4 303°.66 3°.6/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.86	−32 39.5	1.624	2.436	17.1	20.8
5 1	16 49.68	−32 26.3	1.519	2.412	14.0	20.5
5 11	16 43.37	−31 57.1	1.434	2.388	10.3	20.2
5 21	16 34.54	−31 9.2	1.371	2.364	6.2	19.9
5 31	16 24.30	−30 2.5	1.332	2.340	3.6	19.7
6 10	16 14.12	−28 40.5	1.320	2.317	6.3	19.8
6 20	16 5.38	−27 10.3	1.332	2.294	10.8	20.0
6 30	15 59.23	−25 40.5	1.367	2.271	15.2	20.2

517215 2013 YX_{152} 5 29.4 232°.88 3°.3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.04	−13 33.5	2.103	2.920	13.6	21.9
5 1	16 47.75	−13 7.0	2.014	2.914	10.7	21.7
5 11	16 41.34	−12 41.4	1.946	2.907	7.5	21.5
5 21	16 33.35	−12 18.8	1.904	2.900	4.4	21.3
5 31	16 24.56	−12 1.7	1.889	2.893	3.5	21.2
6 10	16 15.88	−11 52.0	1.901	2.885	6.1	21.4
6 20	16 8.18	−11 51.3	1.940	2.877	9.5	21.6
6 30	16 2.19	−12 0.5	2.002	2.869	12.7	21.7

12805 1995 YL_{23} 5 29.4 343°.23 0°.7/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.31	−21 16.3	1.234	2.085	19.2	17.3
5 1	16 48.94	−21 47.5	1.156	2.076	15.2	17.0
5 11	16 43.13	−22 17.7	1.096	2.068	10.4	16.7
5 21	16 34.51	−22 45.4	1.057	2.061	5.0	16.4
5 31	16 24.31	−23 9.1	1.041	2.054	1.1	16.1
6 10	16 14.20	−23 28.8	1.049	2.049	6.7	16.5
6 20	16 5.74	−23 46.1	1.078	2.045	12.1	16.7
6 30	16 0.20	−24 3.6	1.128	2.042	16.9	17.0

139957 2001 RG_{153} 5 29.4 165°.07 1°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.50	−18 58.0	1.966	2.780	14.5	20.0
5 1	16 50.61	−18 58.5	1.883	2.783	11.4	19.8
5 11	16 43.34	−18 57.7	1.822	2.786	7.7	19.6
5 21	16 34.30	−18 55.6	1.787	2.789	3.6	19.3
5 31	16 24.39	−18 53.1	1.778	2.791	1.3	19.2
6 10	16 14.67	−18 51.5	1.798	2.793	5.2	19.4
6 20	16 6.12	−18 52.5	1.844	2.794	9.1	19.7
6 30	15 59.54	−18 57.7	1.914	2.795	12.6	19.9

391702 2008 BW_{16} 5 29.4 128.°77 3.°2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.56	−32 44.5	2.390	3.174	13.1	21.1
5 1	16 48.85	−32 48.1	2.305	3.180	10.6	20.9
5 11	16 42.00	−32 41.6	2.242	3.186	7.7	20.7
5 21	16 33.62	−32 23.6	2.204	3.191	4.8	20.5
5 31	16 24.53	−31 53.9	2.194	3.197	3.2	20.4
6 10	16 15.70	−31 14.5	2.211	3.202	4.8	20.6
6 20	16 7.99	−30 28.9	2.256	3.207	7.6	20.7
6 30	16 2.07	−29 41.1	2.326	3.212	10.5	20.9

176284 2001 SE_{23} 5 29.4 202.°69 0.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.56	−20 6.9	2.729	3.532	11.2	21.9
5 1	16 46.90	−19 52.6	2.634	3.528	8.7	21.7
5 11	16 40.53	−19 35.5	2.562	3.523	5.9	21.5
5 21	16 32.91	−19 16.4	2.516	3.518	2.8	21.3
5 31	16 24.67	−18 56.3	2.500	3.513	1.0	21.2
6 10	16 16.54	−18 36.8	2.513	3.506	4.0	21.4
6 20	16 9.20	−18 19.7	2.554	3.500	7.1	21.6
6 30	16 3.24	−18 6.9	2.620	3.493	9.9	21.7

523032 2016 PV_{125} 5 29.4 257.°74 4.°6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.35	− 8 4.3	2.468	3.275	12.1	21.7
5 1	16 46.14	− 7 35.3	2.371	3.260	9.8	21.5
5 11	16 40.13	− 7 10.3	2.297	3.246	7.3	21.3
5 21	16 32.76	− 6 51.8	2.248	3.231	5.1	21.1
5 31	16 24.69	− 6 42.3	2.227	3.216	4.8	21.1
6 10	16 16.66	− 6 43.6	2.233	3.200	6.6	21.2
6 20	16 9.40	− 6 56.2	2.266	3.185	9.3	21.3
6 30	16 3.53	− 7 20.2	2.322	3.169	11.9	21.5

203423 2001 XU_{232} 5 29.4 204.°19 2.°8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.01	−29 40.9	1.646	2.455	17.1	20.9
5 1	16 53.37	−29 42.0	1.559	2.452	13.7	20.7
5 11	16 45.64	−29 31.8	1.493	2.449	9.8	20.5
5 21	16 35.51	−29 8.0	1.449	2.445	5.5	20.2
5 31	16 24.18	−28 30.4	1.431	2.441	2.8	20.0
6 10	16 13.10	−27 41.8	1.440	2.436	6.0	20.2
6 20	16 3.61	−26 47.7	1.474	2.431	10.3	20.4
6 30	15 56.71	−25 54.3	1.531	2.426	14.4	20.7

25199 Jiahegu 5 29.4 246.°12 0.°1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.38	−23 25.4	2.110	2.922	13.7	18.6
5 1	16 48.15	−23 11.1	2.016	2.915	10.8	18.4
5 11	16 41.69	−22 51.1	1.945	2.908	7.3	18.2
5 21	16 33.55	−22 25.6	1.898	2.900	3.5	17.9
5 31	16 24.55	−21 55.7	1.879	2.893	0.6	17.7
6 10	16 15.70	−21 24.0	1.888	2.885	4.7	18.0
6 20	16 7.90	−20 53.2	1.923	2.877	8.6	18.2
6 30	16 1.92	−20 26.7	1.983	2.869	12.0	18.4

106450 2000 VJ_{57} 5 29.4 259.°16 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.60	−25 36.6	2.587	3.386	11.8	19.3
5 1	16 47.23	−25 29.5	2.478	3.369	9.4	19.1
5 11	16 40.93	−25 16.6	2.392	3.351	6.4	18.9
5 21	16 33.16	−24 57.4	2.333	3.333	3.2	18.7
5 31	16 24.62	−24 32.6	2.302	3.314	1.0	18.5
6 10	16 16.12	−24 3.7	2.299	3.296	4.0	18.7
6 20	16 8.43	−23 33.2	2.324	3.277	7.4	18.8
6 30	16 2.25	−23 4.0	2.375	3.258	10.4	19.0

478079 2011 UE_{29} 5 29.4 93.°95 0.°5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.87	−25 14.1	2.359	3.166	12.6	21.3
5 1	16 46.62	−24 52.3	2.275	3.170	9.9	21.1
5 11	16 40.44	−24 23.9	2.214	3.175	6.7	20.9
5 21	16 32.88	−23 49.2	2.178	3.180	3.2	20.7
5 31	16 24.70	−23 9.8	2.171	3.184	0.7	20.5
6 10	16 16.76	−22 28.2	2.191	3.189	4.1	20.8
6 20	16 9.81	−21 47.4	2.239	3.193	7.5	21.0
6 30	16 4.49	−21 10.5	2.312	3.198	10.6	21.2

254522 2005 EC_{111} 5 29.4 315.°75 2.°7/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.97	−27 20.1	1.405	2.236	18.3	20.2
5 1	16 50.76	−27 38.6	1.321	2.228	14.7	20.0
5 11	16 44.21	−27 48.5	1.256	2.220	10.4	19.7
5 21	16 34.97	−27 47.3	1.214	2.213	5.7	19.4
5 31	16 24.28	−27 33.8	1.195	2.206	2.7	19.2
6 10	16 13.74	−27 10.0	1.200	2.199	6.5	19.4
6 20	16 4.83	−26 40.1	1.230	2.193	11.3	19.7
6 30	15 58.74	−26 9.9	1.280	2.187	15.8	19.9

142139 2002 RR_{16} 5 29.4 310.°01 2.°6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.23	−17 46.3	1.417	2.260	17.6	20.2
5 1	16 48.32	−17 19.1	1.330	2.247	13.9	20.0
5 11	16 42.41	−16 48.8	1.263	2.233	9.6	19.7
5 21	16 34.09	−16 17.6	1.217	2.220	4.9	19.4
5 31	16 24.45	−15 48.6	1.196	2.207	2.9	19.2
6 10	16 14.90	−15 25.6	1.200	2.194	7.2	19.4
6 20	16 6.75	−15 11.9	1.226	2.182	12.1	19.7
6 30	16 1.09	−15 10.0	1.274	2.171	16.5	19.9

508946 2004 RD_{356} 5 29.4 263.°26 1.°6/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.33	−26 31.2	2.116	2.919	14.0	22.8
5 1	16 50.75	−26 36.7	2.005	2.896	11.2	22.5
5 11	16 43.68	−26 35.7	1.915	2.873	7.8	22.3
5 21	16 34.60	−26 26.7	1.850	2.849	4.1	22.0
5 31	16 24.36	−26 9.4	1.812	2.824	1.7	21.8
6 10	16 14.05	−25 45.0	1.803	2.799	5.0	21.9
6 20	16 4.74	−25 16.4	1.820	2.774	9.0	22.1
6 30	15 57.37	−24 47.6	1.862	2.748	12.6	22.3

15902 Dostál 5 29.4 239.°89 3.°9/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.40	−15 9.2	1.579	2.409	16.7	18.7
5 1	16 50.36	−14 25.7	1.493	2.401	13.2	18.4
5 11	16 43.52	−13 40.6	1.428	2.393	9.2	18.2
5 21	16 34.52	−12 57.0	1.387	2.385	5.3	17.9
5 31	16 24.39	−12 18.9	1.371	2.376	4.2	17.8
6 10	16 14.42	−11 50.3	1.381	2.367	7.6	18.0
6 20	16 5.79	−11 34.2	1.415	2.358	11.9	18.2
6 30	15 59.47	−11 32.3	1.470	2.348	15.8	18.5

46827 1998 OJ_{7} 5 29.5 286.°86 1.°5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.50	−20 51.2	1.579	2.412	16.6	18.4
5 1	16 49.09	−20 17.0	1.484	2.395	13.1	18.1
5 11	16 42.81	−19 35.8	1.409	2.377	9.0	17.8
5 21	16 34.25	−18 49.2	1.357	2.360	4.3	17.5
5 31	16 24.43	−18 0.1	1.330	2.343	1.9	17.3
6 10	16 14.67	−17 12.8	1.330	2.325	6.5	17.5
6 20	16 6.22	−16 32.1	1.353	2.308	11.3	17.8
6 30	16 0.11	−16 2.0	1.398	2.291	15.6	18.0

505551 2013 YD_{140} 5 29.5 223.°11 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.00	−25 37.6	2.203	3.005	13.5	22.1
5 1	16 50.18	−25 28.8	2.104	2.996	10.7	21.9
5 11	16 43.06	−25 13.0	2.027	2.986	7.4	21.6
5 21	16 34.21	−24 49.9	1.975	2.975	3.7	21.4
5 31	16 24.46	−24 20.0	1.952	2.964	1.0	21.2
6 10	16 14.82	−23 45.5	1.956	2.953	4.6	21.4
6 20	16 6.24	−23 9.6	1.988	2.941	8.4	21.6
6 30	15 59.50	−22 35.9	2.045	2.928	11.8	21.8

222750 2002 CD_{4} 5 29.5 116.°71 3.°2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.43	−29 20.5	2.141	2.929	14.3	20.5
5 1	16 53.62	−30 0.3	2.067	2.947	11.4	20.3
5 11	16 45.33	−30 33.0	2.016	2.964	8.2	20.2
5 21	16 35.23	−30 55.9	1.989	2.980	4.9	20.0
5 31	16 24.28	−31 7.2	1.991	2.996	3.2	19.9
6 10	16 13.61	−31 7.6	2.021	3.011	5.2	20.1
6 20	16 4.24	−30 59.3	2.078	3.026	8.4	20.3
6 30	15 56.95	−30 46.3	2.160	3.041	11.4	20.5

23635 1997 AH_{4} 5 29.5 182.°57 0.°8/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.37	−24 47.7	2.015	2.818	14.5	20.7
5 1	16 52.13	−24 44.4	1.926	2.820	11.5	20.5
5 11	16 44.42	−24 34.9	1.860	2.820	7.9	20.3
5 21	16 34.84	−24 18.4	1.819	2.820	3.8	20.0
5 31	16 24.35	−23 55.4	1.805	2.819	1.0	19.8
6 10	16 14.07	−23 28.1	1.820	2.817	4.9	20.1
6 20	16 5.02	−22 59.6	1.862	2.814	8.9	20.3
6 30	15 58.02	−22 33.5	1.928	2.811	12.4	20.5

392636 2011 UV_{107} 5 29.5 79.°92 2.°5/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.93	−13 0.7	2.314	3.123	12.7	21.0
5 1	16 48.10	−13 8.3	2.241	3.136	10.0	20.9
5 11	16 41.39	−13 18.9	2.190	3.150	6.9	20.7
5 21	16 33.32	−13 33.3	2.166	3.163	3.8	20.5
5 31	16 24.64	−13 52.0	2.169	3.176	2.6	20.5
6 10	16 16.18	−14 15.4	2.201	3.189	5.1	20.7
6 20	16 8.69	−14 43.6	2.261	3.202	8.2	20.9
6 30	16 2.77	−15 16.5	2.345	3.215	11.0	21.1

270395 2002 AB_{164} 5 29.5 152.°59 3.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.50	−11 56.5	2.202	3.012	13.3	21.0
5 1	16 48.62	−11 20.5	2.125	3.020	10.5	20.8
5 11	16 41.77	−10 46.2	2.071	3.027	7.4	20.6
5 21	16 33.51	−10 16.2	2.042	3.034	4.7	20.5
5 31	16 24.61	− 9 53.1	2.041	3.040	4.0	20.4
6 10	16 15.95	− 9 39.1	2.068	3.045	6.3	20.6
6 20	16 8.31	− 9 35.4	2.121	3.050	9.3	20.8
6 30	16 2.32	− 9 42.4	2.198	3.055	12.1	21.0

281002 2006 DB_{164} 5 29.5 48.°82 2.°7/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.92	−28 56.3	1.715	2.529	16.3	20.6
5 1	16 49.88	−29 6.4	1.641	2.537	13.0	20.4
5 11	16 43.08	−29 7.0	1.588	2.546	9.1	20.1
5 21	16 34.25	−28 56.2	1.558	2.554	5.1	19.9
5 31	16 24.48	−28 34.1	1.553	2.563	2.7	19.8
6 10	16 15.05	−28 3.0	1.575	2.572	5.5	20.0
6 20	16 7.09	−27 27.0	1.622	2.581	9.4	20.2
6 30	16 1.47	−26 50.9	1.692	2.590	13.1	20.5

15146 Halpov 5 29.5 282°.75 1°.5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.38	−18 27.6	2.010	2.831	14.0	18.6
5 1	16 47.44	−18 13.0	1.919	2.823	11.0	18.4
5 11	16 41.25	−17 56.3	1.850	2.816	7.4	18.1
5 21	16 33.38	−17 38.6	1.806	2.808	3.6	17.9
5 31	16 24.63	−17 21.6	1.789	2.801	1.8	17.7
6 10	16 16.00	−17 7.3	1.800	2.794	5.3	17.9
6 20	16 8.40	−16 57.8	1.836	2.786	9.1	18.2
6 30	16 2.62	−16 54.9	1.896	2.779	12.6	18.4

186627 2003 FY_{107} 5 29.5 348°.36 7°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.06	− 3 8.7	2.142	2.953	13.6	19.9
5 1	16 44.49	− 1 52.3	2.068	2.951	11.3	19.7
5 11	16 39.05	− 0 42.3	2.016	2.949	9.1	19.6
5 21	16 32.26	+ 0 16.4	1.988	2.948	7.6	19.5
5 31	16 24.85	+ 0 59.2	1.987	2.947	7.7	19.5
6 10	16 17.62	+ 1 23.1	2.010	2.946	9.3	19.6
6 20	16 11.31	+ 1 27.3	2.058	2.945	11.5	19.7
6 30	16 6.53	+ 1 12.5	2.126	2.945	13.8	19.9

161696 2006 HR_{83} 5 29.5 266°.83 2°.7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.32	−16 2.9	2.007	2.829	13.9	20.5
5 1	16 47.35	−15 34.4	1.916	2.820	11.0	20.3
5 11	16 41.17	−15 4.9	1.848	2.812	7.6	20.0
5 21	16 33.34	−14 36.2	1.804	2.804	4.1	19.8
5 31	16 24.65	−14 10.7	1.788	2.796	2.9	19.7
6 10	16 16.08	−13 51.1	1.798	2.787	5.9	19.9
6 20	16 8.54	−13 39.4	1.835	2.779	9.6	20.1
6 30	16 2.78	−13 37.2	1.894	2.770	12.9	20.3

269326 2008 SH_{269} 5 29.5 169°.84 3°.6/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.89	−11 53.7	2.243	3.054	13.0	20.7
5 1	16 48.18	−11 29.3	2.161	3.057	10.3	20.6
5 11	16 41.51	−11 7.2	2.102	3.059	7.3	20.4
5 21	16 33.42	−10 49.4	2.068	3.061	4.5	20.2
5 31	16 24.64	−10 38.1	2.062	3.063	3.8	20.2
6 10	16 16.05	−10 35.0	2.084	3.064	6.0	20.3
6 20	16 8.41	−10 40.9	2.133	3.065	9.1	20.5
6 30	16 2.39	−10 56.3	2.205	3.065	12.0	20.7

344759 2003 WW_{29} 5 29.5 165°.98 2°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.76	−28 39.2	2.364	3.156	13.0	21.8
5 1	16 49.80	−28 50.9	2.276	3.160	10.4	21.6
5 11	16 42.69	−28 55.3	2.211	3.163	7.3	21.5
5 21	16 34.00	−28 51.3	2.171	3.166	4.1	21.3
5 31	16 24.54	−28 38.5	2.159	3.168	2.2	21.1
6 10	16 15.26	−28 18.2	2.176	3.170	4.5	21.3
6 20	16 7.04	−27 53.0	2.220	3.172	7.7	21.5
6 30	16 0.59	−27 26.3	2.289	3.173	10.7	21.7

440929 2006 XD_{18} 5 29.5 126°.40 4°.0/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.86	−36 11.7	2.586	3.355	12.6	21.0
5 1	16 49.00	−36 18.1	2.500	3.361	10.4	20.9
5 11	16 42.07	−36 13.3	2.437	3.368	7.8	20.7
5 21	16 33.67	−35 55.4	2.398	3.375	5.4	20.6
5 31	16 24.62	−35 24.1	2.387	3.381	4.0	20.5
6 10	16 15.83	−34 41.1	2.404	3.387	5.1	20.6
6 20	16 8.14	−33 49.8	2.448	3.393	7.4	20.7
6 30	16 2.19	−32 54.7	2.518	3.399	9.9	20.9

370686 2004 FS_{123} 5 29.5 247°.13 1°.0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.97	−24 37.1	1.971	2.780	14.7	21.7
5 1	16 51.35	−24 43.1	1.869	2.764	11.7	21.5
5 11	16 44.12	−24 43.6	1.788	2.748	8.1	21.2
5 21	16 34.83	−24 37.6	1.731	2.732	4.0	20.9
5 31	16 24.38	−24 24.8	1.702	2.715	1.2	20.7
6 10	16 13.93	−24 6.8	1.701	2.698	5.1	20.9
6 20	16 4.59	−23 46.3	1.725	2.680	9.3	21.1
6 30	15 57.30	−23 26.8	1.774	2.661	13.1	21.3

136017 2002 VH_{74} 5 29.5 198°.03 1°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.99	−18 45.1	2.222	3.036	13.0	20.2
5 1	16 47.64	−18 34.9	2.135	3.035	10.2	20.0
5 11	16 41.24	−18 23.0	2.070	3.034	6.9	19.8
5 21	16 33.34	−18 10.0	2.031	3.033	3.3	19.6
5 31	16 24.69	−17 57.2	2.019	3.031	1.5	19.4
6 10	16 16.19	−17 46.3	2.036	3.029	4.8	19.7
6 20	16 8.66	−17 39.0	2.079	3.028	8.3	19.9
6 30	16 2.80	−17 37.0	2.146	3.026	11.5	20.1

108305 2001 JX 5 29.5 188°.62 0°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.55	−21 39.3	2.211	3.020	13.2	20.3
5 1	16 48.93	−21 41.5	2.122	3.019	10.4	20.1
5 11	16 42.16	−21 40.6	2.056	3.019	7.0	19.9
5 21	16 33.78	−21 36.4	2.016	3.018	3.3	19.6
5 31	16 24.61	−21 29.4	2.003	3.016	0.6	19.4
6 10	16 15.59	−21 21.0	2.018	3.015	4.5	19.7
6 20	16 7.58	−21 13.0	2.061	3.013	8.2	19.9
6 30	16 1.31	−21 7.7	2.128	3.011	11.4	20.1

385538 2004 RJ_{63} 5 29.5 206°.56 2°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.20	−12 57.5	2.885	3.682	10.8	23.5
5 1	16 48.04	−12 25.2	2.786	3.674	8.5	23.3
5 11	16 41.26	−11 53.3	2.711	3.665	6.0	23.2
5 21	16 33.29	−11 23.5	2.663	3.656	3.6	23.0
5 31	16 24.72	−10 57.8	2.645	3.645	3.1	22.9
6 10	16 16.24	−10 38.1	2.656	3.634	5.1	23.0
6 20	16 8.48	−10 25.7	2.696	3.622	7.7	23.2
6 30	16 1.99	−10 21.8	2.761	3.608	10.2	23.3

471573 2012 QZ_{45} 5 29.5 287°.99 5°.1/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.20	−35 22.8	1.840	2.632	16.2	21.2
5 1	16 51.10	−35 40.6	1.750	2.626	13.3	21.0
5 11	16 44.08	−35 44.8	1.680	2.620	10.1	20.8
5 21	16 34.83	−35 32.0	1.633	2.615	6.9	20.6
5 31	16 24.43	−35 0.9	1.612	2.609	5.1	20.4
6 10	16 14.26	−34 13.1	1.616	2.604	6.6	20.5
6 20	16 5.54	−33 13.7	1.646	2.598	9.8	20.7
6 30	15 59.25	−32 9.2	1.699	2.593	13.2	20.9

275973 2001 WB_{104} 5 29.5 130°.08 3°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.24	−29 19.7	1.999	2.796	14.9	21.7
5 1	16 52.15	−29 46.0	1.920	2.805	11.9	21.5
5 11	16 44.50	−30 4.3	1.862	2.814	8.5	21.3
5 21	16 34.93	−30 12.5	1.829	2.822	5.0	21.1
5 31	16 24.44	−30 9.2	1.823	2.830	3.0	21.0
6 10	16 14.20	−29 55.7	1.844	2.837	5.3	21.1
6 20	16 5.28	−29 34.9	1.892	2.845	8.8	21.4
6 30	15 58.52	−29 10.9	1.964	2.852	12.0	21.6

122788 2000 SE_{91} 5 29.5 218°.49 3°.5/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.96	−33 30.4	2.282	3.061	13.8	20.9
5 1	16 51.79	−33 30.1	2.182	3.053	11.2	20.7
5 11	16 44.20	−33 18.4	2.103	3.044	8.3	20.5
5 21	16 34.79	−32 53.1	2.048	3.035	5.2	20.3
5 31	16 24.46	−32 13.8	2.022	3.024	3.5	20.2
6 10	16 14.30	−31 22.6	2.023	3.014	5.2	20.3
6 20	16 5.32	−30 23.5	2.052	3.002	8.3	20.4
6 30	15 58.32	−29 21.8	2.107	2.991	11.5	20.6

207708 2007 RU_{94} 5 29.5 211°.29 0°.1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.90	−22 14.6	2.203	3.013	13.3	21.1
5 1	16 48.45	−22 13.8	2.113	3.011	10.4	20.9
5 11	16 41.86	−22 9.2	2.045	3.008	7.1	20.7
5 21	16 33.67	−22 0.8	2.002	3.005	3.3	20.4
5 31	16 24.67	−21 49.2	1.988	3.001	0.6	20.2
6 10	16 15.80	−21 35.9	2.001	2.998	4.5	20.5
6 20	16 7.94	−21 23.0	2.041	2.994	8.2	20.7
6 30	16 1.82	−21 12.9	2.106	2.990	11.5	20.9

468099 2013 VF_{11} 5 29.5 297°.45 5°.8/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.86	− 9 59.7	1.561	2.393	16.8	21.3
5 1	16 49.54	− 9 25.9	1.455	2.361	13.7	21.0
5 11	16 43.33	− 8 55.6	1.369	2.329	10.1	20.7
5 21	16 34.67	− 8 32.8	1.305	2.296	6.8	20.4
5 31	16 24.46	− 8 21.9	1.266	2.263	6.1	20.3
6 10	16 13.99	− 8 26.4	1.251	2.231	9.1	20.3
6 20	16 4.57	− 8 48.0	1.259	2.198	13.4	20.5
6 30	15 57.38	− 9 26.8	1.289	2.165	17.7	20.7

295063 2008 EJ_{120} 5 29.5 78°.09 1°.9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.09	−18 36.7	1.562	2.392	16.9	21.7
5 1	16 50.67	−18 14.2	1.498	2.407	13.2	21.5
5 11	16 43.55	−17 49.3	1.455	2.422	8.9	21.2
5 21	16 34.47	−17 23.5	1.435	2.437	4.3	21.0
5 31	16 24.56	−16 59.1	1.440	2.452	2.2	20.9
6 10	16 15.10	−16 39.0	1.472	2.467	6.2	21.2
6 20	16 7.16	−16 25.9	1.529	2.481	10.4	21.5
6 30	16 1.55	−16 21.7	1.608	2.496	14.2	21.7

466547 2014 SD_{291} 5 29.5 154°.94 2°.0/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.64	−27 39.5	1.734	2.542	16.4	21.9
5 1	16 53.55	−27 42.0	1.655	2.548	13.0	21.7
5 11	16 45.60	−27 35.5	1.596	2.554	9.1	21.5
5 21	16 35.49	−27 18.4	1.561	2.559	4.8	21.2
5 31	16 24.37	−26 50.7	1.552	2.564	2.1	21.0
6 10	16 13.57	−26 15.1	1.571	2.568	5.5	21.3
6 20	16 4.31	−25 35.7	1.615	2.571	9.7	21.5
6 30	15 57.47	−24 57.8	1.683	2.574	13.5	21.8

24250 Luteolson 5 29.5 184°.58 1°.1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.70	−19 16.1	2.054	2.863	14.1	19.2
5 1	16 51.50	−19 7.9	1.966	2.863	11.1	19.0
5 11	16 43.96	−18 57.3	1.900	2.863	7.5	18.8
5 21	16 34.67	−18 45.0	1.860	2.862	3.6	18.6
5 31	16 24.51	−18 31.9	1.848	2.861	1.4	18.4
6 10	16 14.52	−18 19.9	1.864	2.858	5.1	18.7
6 20	16 5.66	−18 11.0	1.907	2.855	9.0	18.9
6 30	15 58.71	−18 7.3	1.975	2.852	12.4	19.1

410728 2009 BO_{184} 5 29.5 55°.16 0°.9/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.40	−22 19.5	1.221	2.066	19.8	20.8
5 1	16 51.55	−21 48.3	1.168	2.084	15.4	20.6
5 11	16 44.40	−21 9.7	1.133	2.104	10.3	20.3
5 21	16 34.91	−20 25.5	1.119	2.123	4.8	20.1
5 31	16 24.50	−19 39.2	1.130	2.143	1.4	19.9
6 10	16 14.79	−18 55.7	1.165	2.164	6.6	20.3
6 20	16 7.05	−18 19.8	1.223	2.184	11.6	20.6
6 30	16 2.15	−17 55.1	1.302	2.205	15.9	21.0

216342 2007 WD_{55} 5 29.5 161°.26 0°.7/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.68	−20 15.6	1.950	2.760	14.8	21.4
5 1	16 52.34	−20 10.0	1.869	2.766	11.6	21.2
5 11	16 44.55	−20 1.4	1.810	2.772	7.8	21.0
5 21	16 34.96	−19 50.0	1.775	2.778	3.7	20.7
5 31	16 24.49	−19 36.9	1.769	2.782	1.1	20.5
6 10	16 14.28	−19 23.9	1.791	2.786	5.1	20.8
6 20	16 5.31	−19 13.1	1.839	2.789	9.1	21.1
6 30	15 58.39	−19 7.1	1.912	2.791	12.7	21.3

48584 1994 PF_{37} 5 29.5 104°.24 3°.9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.38	−13 51.8	1.664	2.491	16.1	18.8
5 1	16 49.97	−13 15.6	1.595	2.500	12.7	18.6
5 11	16 43.02	−12 40.4	1.546	2.509	8.9	18.3
5 21	16 34.24	−12 9.0	1.522	2.519	5.2	18.1
5 31	16 24.63	−11 44.8	1.524	2.528	4.1	18.1
6 10	16 15.37	−11 30.4	1.551	2.536	7.1	18.3
6 20	16 7.47	−11 27.6	1.604	2.545	10.9	18.5
6 30	16 1.72	−11 36.8	1.679	2.553	14.4	18.8

501636 2014 SM_{214} 5 29.5 289°.28 4°.6/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.95	−13 48.8	1.411	2.251	17.8	21.4
5 1	16 49.79	−13 13.1	1.318	2.231	14.3	21.1
5 11	16 43.54	−12 37.4	1.245	2.211	10.1	20.9
5 21	16 34.77	−12 5.2	1.193	2.191	6.0	20.6
5 31	16 24.51	−11 40.6	1.166	2.171	4.8	20.4
6 10	16 14.19	−11 27.6	1.163	2.151	8.5	20.6
6 20	16 5.19	−11 28.8	1.183	2.131	13.2	20.8
6 30	15 58.70	−11 45.6	1.223	2.111	17.7	21.0

477711 2010 RB_{168} 5 29.5 201°.36 5°.8/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.86	−40 40.1	2.693	3.439	12.7	21.6
5 1	16 50.85	−41 20.7	2.600	3.437	10.8	21.4
5 11	16 43.55	−41 49.7	2.529	3.435	8.7	21.3
5 21	16 34.52	−42 4.1	2.481	3.433	6.8	21.2
5 31	16 24.59	−42 1.6	2.461	3.430	5.9	21.1
6 10	16 14.77	−41 42.5	2.467	3.427	6.5	21.1
6 20	16 6.02	−41 9.4	2.499	3.424	8.2	21.2
6 30	15 59.11	−40 26.6	2.556	3.421	10.4	21.4

272706 2005 YR_{25} 5 29.5 183°.83 2°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.20	−15 48.1	2.191	3.002	13.3	21.4
5 1	16 49.36	−15 32.4	2.105	3.002	10.5	21.2
5 11	16 42.42	−15 16.8	2.041	3.002	7.2	21.0
5 21	16 33.94	−15 2.3	2.003	3.002	3.8	20.7
5 31	16 24.70	−14 50.7	1.992	3.001	2.5	20.7
6 10	16 15.62	−14 43.5	2.010	2.999	5.3	20.8
6 20	16 7.54	−14 42.4	2.055	2.997	8.8	21.0
6 30	16 1.16	−14 48.4	2.124	2.995	11.9	21.2

160697 2000 LB_{15} 5 29.5 300°.44 2°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.63	−20 29.6	1.308	2.155	18.5	19.3
5 1	16 49.13	−19 52.8	1.213	2.132	14.8	19.0
5 11	16 43.30	−19 7.9	1.138	2.110	10.2	18.7
5 21	16 34.72	−18 16.7	1.084	2.088	5.0	18.3
5 31	16 24.52	−17 22.7	1.053	2.065	2.4	18.1
6 10	16 14.26	−16 31.5	1.047	2.043	7.6	18.3
6 20	16 5.47	−15 48.9	1.062	2.022	13.1	18.5
6 30	15 59.43	−15 20.0	1.098	2.001	18.1	18.7

34230 2000 QF_{93} 5 29.5 136°.45 7°.0/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.40	+ 0 37.9	2.676	3.461	11.8	18.4
5 1	16 45.08	+ 1 40.2	2.609	3.470	10.0	18.2
5 11	16 39.24	+ 2 34.2	2.565	3.479	8.3	18.1
5 21	16 32.35	+ 3 16.4	2.546	3.487	7.2	18.1
5 31	16 25.00	+ 3 43.4	2.553	3.495	7.2	18.1
6 10	16 17.84	+ 3 53.7	2.587	3.503	8.4	18.2
6 20	16 11.46	+ 3 47.1	2.646	3.510	10.1	18.3
6 30	16 6.36	+ 3 24.8	2.726	3.517	11.8	18.4

213769 2003 CJ_{25} 5 29.5 15°.45 10°.2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.95	+ 0 13.1	1.749	2.568	15.8	19.8
5 1	16 43.99	+ 2 0.7	1.692	2.572	13.5	19.7
5 11	16 38.90	+ 3 38.0	1.655	2.578	11.4	19.6
5 21	16 32.29	+ 4 57.6	1.641	2.584	10.3	19.5
5 31	16 25.01	+ 5 53.1	1.651	2.591	10.5	19.5
6 10	16 18.02	+ 6 21.2	1.684	2.599	12.1	19.6
6 20	16 12.14	+ 6 21.8	1.738	2.607	14.2	19.8
6 30	16 8.05	+ 5 57.1	1.810	2.616	16.4	20.0

109048 2001 QT_{14} 5 29.5 257°.51 1°.4/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.33	−18 41.5	2.030	2.842	14.1	20.9
5 1	16 50.74	−18 30.1	1.921	2.820	11.2	20.7
5 11	16 43.69	−18 16.5	1.835	2.798	7.7	20.4
5 21	16 34.69	−18 1.2	1.773	2.775	3.8	20.1
5 31	16 24.55	−17 45.6	1.739	2.751	1.7	19.9
6 10	16 14.33	−17 31.6	1.733	2.727	5.5	20.1
6 20	16 5.09	−17 21.5	1.754	2.702	9.6	20.3
6 30	15 57.72	−17 17.5	1.798	2.676	13.4	20.5

134946 2001 BH_{62} 5 29.5 83°.08 8°.7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.23	+ 0 7.4	1.916	2.717	15.3	19.6
5 1	16 47.78	+ 1 11.7	1.861	2.734	12.8	19.5
5 11	16 41.28	+ 2 4.8	1.827	2.750	10.5	19.4
5 21	16 33.35	+ 2 41.4	1.816	2.766	8.9	19.3
5 31	16 24.85	+ 2 57.8	1.830	2.782	8.8	19.3
6 10	16 16.69	+ 2 52.3	1.869	2.798	10.2	19.4
6 20	16 9.69	+ 2 25.8	1.931	2.814	12.4	19.6
6 30	16 4.46	+ 1 41.0	2.014	2.830	14.6	19.8

504519 2008 RH_{37} 5 29.5 200°.57 1°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.77	−25 15.0	2.335	3.134	12.9	22.8
5 1	16 49.85	−25 14.4	2.240	3.131	10.2	22.6
5 11	16 42.80	−25 8.1	2.168	3.127	7.0	22.4
5 21	16 34.15	−24 55.5	2.122	3.122	3.5	22.1
5 31	16 24.69	−24 37.0	2.104	3.117	1.0	21.9
6 10	16 15.36	−24 14.1	2.115	3.112	4.3	22.2
6 20	16 7.03	−23 49.4	2.153	3.106	7.9	22.4
6 30	16 0.44	−23 26.0	2.217	3.099	11.0	22.6

242713 2005 UD_{66} 5 29.5 184°.86 0°.2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.68	−22 32.5	2.834	3.634	10.9	21.0
5 1	16 46.19	−22 12.8	2.741	3.634	8.5	20.9
5 11	16 40.07	−21 49.0	2.673	3.634	5.7	20.7
5 21	16 32.78	−21 21.5	2.631	3.633	2.7	20.5
5 31	16 24.95	−20 51.5	2.619	3.632	0.6	20.3
6 10	16 17.26	−20 21.0	2.635	3.631	3.7	20.6
6 20	16 10.36	−19 52.1	2.680	3.629	6.7	20.7
6 30	16 4.79	−19 26.9	2.750	3.627	9.4	20.9

187024 2005 BN_{13} 5 29.5 240°.50 3°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.80	− 6 34.1	4.467	5.262	7.3	20.2
5 1	16 39.48	− 6 12.4	4.380	5.260	5.8	20.1
5 11	16 35.29	− 5 53.8	4.317	5.258	4.4	20.0
5 21	16 30.47	− 5 39.5	4.282	5.257	3.3	19.9
5 31	16 25.37	− 5 30.7	4.275	5.255	3.1	19.9
6 10	16 20.33	− 5 28.3	4.296	5.253	4.1	19.9
6 20	16 15.69	− 5 32.5	4.345	5.251	5.5	20.0
6 30	16 11.75	− 5 43.5	4.420	5.249	7.0	20.1

48794 Stolzová 5 29.5 324°.19 0°.1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.02	−21 6.4	1.986	2.803	14.2	19.6
5 1	16 48.83	−21 18.5	1.899	2.801	11.2	19.4
5 11	16 42.29	−21 28.4	1.835	2.799	7.6	19.2
5 21	16 33.97	−21 35.7	1.795	2.797	3.6	18.9
5 31	16 24.74	−21 40.4	1.782	2.796	0.6	18.7
6 10	16 15.63	−21 43.5	1.797	2.794	4.8	19.0
6 20	16 7.62	−21 46.5	1.837	2.792	8.8	19.2
6 30	16 1.51	−21 51.5	1.902	2.791	12.3	19.5

418121 2007 YH_{40} 5 29.5 89°.99 3°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.37	−13 52.5	1.547	2.378	16.9	21.5
5 1	16 50.25	−13 25.4	1.475	2.383	13.4	21.3
5 11	16 43.40	−12 59.8	1.424	2.388	9.3	21.1
5 21	16 34.51	−12 38.5	1.395	2.393	5.3	20.9
5 31	16 24.65	−12 24.3	1.392	2.398	4.1	20.8
6 10	16 15.10	−12 19.8	1.415	2.403	7.3	21.0
6 20	16 6.97	−12 26.3	1.462	2.408	11.4	21.2
6 30	16 1.14	−12 44.3	1.531	2.412	15.1	21.5

499366 2009 YO_{21} 5 29.5 174°.09 2°.2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.72	−29 55.2	2.694	3.472	11.9	23.5
5 1	16 51.06	−29 58.4	2.601	3.476	9.5	23.3
5 11	16 43.45	−29 53.9	2.532	3.479	6.8	23.1
5 21	16 34.40	−29 40.5	2.489	3.481	3.9	22.9
5 31	16 24.68	−29 18.1	2.475	3.483	2.2	22.8
6 10	16 15.15	−28 48.2	2.491	3.484	4.1	23.0
6 20	16 6.59	−28 13.4	2.535	3.484	7.0	23.2
6 30	15 59.67	−27 37.3	2.606	3.483	9.8	23.3

238243 2003 UW_{254} 5 29.5 270°.62 4°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.96	−11 12.3	2.003	2.824	14.0	20.3
5 1	16 47.11	−10 19.7	1.909	2.809	11.2	20.0
5 11	16 41.09	− 9 27.8	1.838	2.795	8.2	19.8
5 21	16 33.40	− 8 40.3	1.791	2.780	5.5	19.6
5 31	16 24.85	− 8 1.0	1.771	2.765	5.1	19.6
6 10	16 16.37	− 7 33.5	1.777	2.750	7.5	19.7
6 20	16 8.85	− 7 20.0	1.808	2.735	10.7	19.8
6 30	16 3.07	− 7 21.3	1.862	2.720	13.9	20.0

477220 2009 *LK* 5 29.5 173°.07 0°.8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.07	−20 43.1	2.640	3.447	11.4	21.0
5 1	16 45.82	−20 20.5	2.552	3.448	8.9	20.8
5 11	16 39.87	−19 54.4	2.487	3.449	6.0	20.6
5 21	16 32.71	−19 25.8	2.448	3.450	2.8	20.4
5 31	16 24.99	−18 56.1	2.438	3.451	1.0	20.3
6 10	16 17.42	−18 27.5	2.457	3.451	4.0	20.5
6 20	16 10.68	−18 2.0	2.503	3.451	7.1	20.7
6 30	16 5.34	−17 41.5	2.575	3.452	9.9	20.9

239152 2006 KD_9 5 29.5 177°.93 0°.3/29.4 18 R

4 21	16 53.23	−21 32.3	2.107	2.920	13.7	21.0
5 1	16 48.79	−21 27.2	2.021	2.920	10.7	20.8
5 11	16 42.15	−21 18.5	1.957	2.921	7.3	20.6
5 21	16 33.86	−21 6.4	1.919	2.921	3.4	20.4
5 31	16 24.78	−20 51.8	1.908	2.921	0.7	20.2
6 10	16 15.86	−20 36.4	1.924	2.921	4.7	20.5
6 20	16 8.02	−20 22.4	1.968	2.921	8.4	20.7
6 30	16 1.99	−20 12.2	2.035	2.920	11.8	20.9

248552 2005 *YA* 5 29.5 324°.93 5°.1/29.0 18

4 21	16 55.94	− 4 40.8	2.064	2.864	14.4	19.5
5 1	16 50.96	− 5 5.7	1.969	2.852	11.7	19.3
5 11	16 43.70	− 5 42.3	1.896	2.841	8.8	19.1
5 21	16 34.66	− 6 31.9	1.848	2.830	6.1	18.9
5 31	16 24.62	− 7 35.0	1.827	2.820	5.1	18.8
6 10	16 14.58	− 8 50.5	1.835	2.810	7.1	18.9
6 20	16 5.48	−10 15.7	1.870	2.801	10.2	19.1
6 30	15 58.15	−11 48.1	1.929	2.791	13.3	19.2

422859 2002 NU_{68} 5 29.5 358°.60 6°.5/27.4 18

4 21	16 49.85	− 7 33.2	1.650	2.481	16.1	20.2
5 1	16 46.54	− 6 48.7	1.577	2.480	13.0	20.0
5 11	16 40.82	− 6 10.4	1.524	2.479	9.8	19.8
5 21	16 33.29	− 5 42.6	1.494	2.478	7.1	19.7
5 31	16 24.88	− 5 29.3	1.489	2.478	6.7	19.6
6 10	16 16.69	− 5 33.0	1.508	2.478	8.9	19.8
6 20	16 9.71	− 5 54.0	1.551	2.479	12.1	20.0
6 30	16 4.72	− 6 31.1	1.615	2.481	15.3	20.2

70882 1999 VP_{162} 5 29.5 290°.75 4°.6/30.3 17

4 21	16 56.99	−30 10.0	1.851	2.652	15.7	19.6
5 1	16 52.72	−31 12.5	1.751	2.636	12.9	19.4
5 11	16 45.46	−32 9.9	1.672	2.620	9.5	19.1
5 21	16 35.70	−32 57.9	1.617	2.605	6.2	18.9
5 31	16 24.41	−33 32.6	1.588	2.589	4.6	18.8
6 10	16 12.95	−33 52.3	1.586	2.573	6.7	18.9
6 20	16 2.67	−33 58.3	1.609	2.558	10.3	19.0
6 30	15 54.76	−33 54.7	1.655	2.543	13.9	19.2

62854 2000 UW_{76} 5 29.5 92°.14 0°.6/29.2 18 R

4 21	16 51.38	−20 41.4	2.358	3.169	12.5	19.8
5 1	16 46.99	−20 29.8	2.282	3.180	9.7	19.6
5 11	16 40.72	−20 15.2	2.228	3.191	6.5	19.5
5 21	16 33.12	−19 58.2	2.200	3.202	3.1	19.2
5 31	16 24.92	−19 40.1	2.200	3.213	0.9	19.1
6 10	16 16.97	−19 22.6	2.228	3.223	4.3	19.4
6 20	16 9.98	−19 7.6	2.283	3.234	7.6	19.6
6 30	16 4.56	−18 57.0	2.364	3.245	10.5	19.8

218963 2008 EQ_{146} 5 29.5 242°.19 4°.4/27.9 18

4 21	16 53.55	−12 18.9	1.824	2.646	15.1	20.7
5 1	16 49.35	−11 41.3	1.735	2.637	12.1	20.4
5 11	16 42.71	−11 5.0	1.667	2.627	8.6	20.2
5 21	16 34.20	−10 33.1	1.624	2.617	5.4	20.0
5 31	16 24.71	−10 8.9	1.606	2.607	4.6	19.9
6 10	16 15.33	− 9 55.4	1.616	2.596	7.3	20.0
6 20	16 7.06	− 9 54.2	1.650	2.585	11.0	20.2
6 30	16 0.76	−10 6.2	1.706	2.574	14.5	20.4

501669 2014 TB_{14} 5 29.5 141°.96 1°.4/28.9 17

4 21	16 56.50	−20 30.3	1.800	2.617	15.5	22.0
5 1	16 51.52	−19 54.9	1.724	2.626	12.1	21.8
5 11	16 44.04	−19 14.4	1.670	2.635	8.2	21.6
5 21	16 34.74	−18 30.5	1.641	2.643	3.9	21.3
5 31	16 24.64	−17 45.7	1.639	2.650	1.7	21.2
6 10	16 14.89	−17 3.9	1.664	2.658	5.7	21.5
6 20	16 6.51	−16 28.4	1.715	2.664	9.8	21.7
6 30	16 0.27	−16 2.4	1.790	2.670	13.4	22.0

19420 Vivekbuch 5 29.5 57°.75 1°.2/29.9 18

4 21	16 53.81	−25 36.0	1.776	2.594	15.6	18.1
5 1	16 49.72	−25 35.0	1.696	2.597	12.4	17.9
5 11	16 43.01	−25 26.8	1.637	2.599	8.5	17.6
5 21	16 34.33	−25 10.7	1.601	2.602	4.3	17.4
5 31	16 24.70	−24 47.3	1.592	2.605	1.3	17.2
6 10	16 15.34	−24 18.9	1.609	2.608	5.2	17.4
6 20	16 7.31	−23 49.0	1.652	2.611	9.3	17.7
6 30	16 1.48	−23 21.7	1.718	2.614	13.1	17.9

379677 2011 FD_{21} 5 29.5 236°.59 3°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.23	−28 59.0	1.905	2.708	15.3	21.4
5 1	16 51.72	−29 29.1	1.814	2.702	12.3	21.2
5 11	16 44.48	−29 52.0	1.744	2.697	8.8	21.0
5 21	16 35.10	−30 5.0	1.698	2.691	5.2	20.7
5 31	16 24.55	−30 6.4	1.678	2.686	3.2	20.6
6 10	16 14.10	−29 56.9	1.686	2.680	5.6	20.7
6 20	16 4.91	−29 39.1	1.719	2.673	9.4	20.9
6 30	15 57.95	−29 17.4	1.776	2.667	12.9	21.1

171400 2006 QZ_{98} 5 29.5 127°.21 4°.0/30.9 18 R

4 21	16 58.62	−31 38.9	1.743	2.542	16.6	19.8
5 1	16 53.70	−32 2.6	1.666	2.550	13.5	19.6
5 11	16 45.80	−32 15.4	1.610	2.558	9.8	19.4
5 21	16 35.67	−32 14.2	1.577	2.566	6.1	19.2
5 31	16 24.47	−31 57.6	1.569	2.573	4.0	19.1
6 10	16 13.61	−31 27.5	1.589	2.581	6.1	19.2
6 20	16 4.34	−30 48.2	1.634	2.587	9.8	19.5
6 30	15 57.59	−30 5.7	1.702	2.594	13.3	19.7

304764 2007 CF_{43} 5 29.5 107°.60 0°.5/29.3 18

4 21	16 50.87	−21 38.3	2.550	3.356	11.8	21.3
5 1	16 46.44	−21 18.6	2.471	3.367	9.2	21.1
5 11	16 40.28	−20 55.2	2.415	3.378	6.1	20.9
5 21	16 32.90	−20 28.7	2.386	3.389	2.9	20.7
5 31	16 24.98	−20 0.6	2.386	3.399	0.8	20.6
6 10	16 17.29	−19 33.0	2.414	3.409	4.0	20.8
6 20	16 10.51	−19 7.8	2.469	3.419	7.1	21.1
6 30	16 5.19	−18 47.3	2.550	3.429	9.9	21.3

393991 2005 UR_{430} 5 29.5 278°.51 0°.5/29.3 17

4 21	16 50.15	−22 21.0	2.354	3.165	12.5	21.6
5 1	16 46.21	−21 54.4	2.257	3.156	9.8	21.4
5 11	16 40.33	−21 22.6	2.182	3.146	6.6	21.2
5 21	16 33.00	−20 46.2	2.134	3.136	3.1	20.9
5 31	16 24.96	−20 7.1	2.113	3.127	0.8	20.7
6 10	16 17.03	−19 27.9	2.121	3.117	4.4	21.0
6 20	16 10.01	−18 51.4	2.156	3.107	7.9	21.2
6 30	16 4.56	−18 20.4	2.215	3.098	11.1	21.4

346583 2008 VP_{68} 5 29.5 213°.82 0°.5/29.8 17

4 21	16 53.63	−24 31.4	2.514	3.312	12.1	22.3
5 1	16 48.82	−24 22.4	2.414	3.305	9.6	22.1
5 11	16 42.04	−24 7.9	2.338	3.297	6.5	21.9
5 21	16 33.80	−23 47.9	2.288	3.289	3.2	21.7
5 31	16 24.82	−23 22.9	2.267	3.280	0.7	21.5
6 10	16 15.94	−22 54.9	2.274	3.271	4.1	21.7
6 20	16 7.96	−22 26.2	2.310	3.261	7.5	21.9
6 30	16 1.56	−21 59.7	2.371	3.251	10.5	22.1

33416 1999 CW_{101} 5 29.5 325°.90 2°.2/29.2 18

4 21	16 49.04	−16 42.5	1.102	1.966	20.1	17.6
5 1	16 47.66	−16 50.2	1.016	1.944	16.1	17.2
5 11	16 42.69	−17 0.5	0.947	1.922	11.1	16.9
5 21	16 34.62	−17 14.7	0.897	1.901	5.6	16.5
5 31	16 24.62	−17 33.9	0.869	1.882	2.5	16.2
6 10	16 14.41	−17 59.4	0.864	1.863	7.9	16.5
6 20	16 5.78	−18 31.9	0.878	1.846	13.9	16.7
6 30	16 0.22	−19 12.2	0.911	1.831	19.3	17.0

430764 2004 RM_{156} 5 29.5 323°.12 5°.3/31.3 17

4 21	16 52.09	−33 35.5	1.496	2.313	18.1	20.6
5 1	16 49.44	−33 59.7	1.404	2.297	14.9	20.4
5 11	16 43.47	−34 10.4	1.332	2.283	11.2	20.1
5 21	16 34.80	−34 3.5	1.280	2.268	7.4	19.9
5 31	16 24.62	−33 36.6	1.252	2.254	5.3	19.7
6 10	16 14.52	−32 51.4	1.249	2.241	7.3	19.8
6 20	16 6.02	−31 53.2	1.268	2.229	11.3	20.0
6 30	16 0.30	−30 49.9	1.309	2.217	15.4	20.2

105494 2000 QF_{228} 5 29.5 310°.46 0°.5/29.4 18

4 21	16 50.71	−20 34.4	1.947	2.770	14.3	19.8
5 1	16 47.23	−20 36.0	1.847	2.752	11.3	19.5
5 11	16 41.36	−20 35.1	1.768	2.735	7.7	19.3
5 21	16 33.63	−20 31.9	1.714	2.717	3.6	19.0
5 31	16 24.84	−20 26.9	1.686	2.700	0.9	18.7
6 10	16 16.04	−20 21.7	1.685	2.682	5.1	19.0
6 20	16 8.24	−20 18.0	1.710	2.666	9.2	19.2
6 30	16 2.32	−20 18.2	1.757	2.649	13.0	19.4

162886 2001 FT_{88} 5 29.5 293°.89 2°.2/28.7 17

4 21	16 51.27	−17 31.9	1.892	2.717	14.5	20.7
5 1	16 47.55	−17 7.6	1.802	2.708	11.4	20.4
5 11	16 41.48	−16 41.2	1.733	2.699	7.8	20.2
5 21	16 33.64	−16 14.4	1.689	2.690	4.0	20.0
5 31	16 24.87	−15 49.4	1.672	2.682	2.4	19.8
6 10	16 16.22	−15 29.0	1.681	2.673	5.8	20.0
6 20	16 8.65	−15 15.4	1.715	2.664	9.7	20.2
6 30	16 2.98	−15 10.7	1.773	2.656	13.3	20.4

237233 2008 VX_{71} 5 29.5 198°.01 3°.6/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.87	−13 1.6	2.000	2.820	14.1	20.6
5 1	16 47.73	−12 35.0	1.918	2.819	11.1	20.4
5 11	16 41.44	−12 10.0	1.858	2.819	7.8	20.2
5 21	16 33.56	−11 48.9	1.823	2.819	4.7	20.0
5 31	16 24.89	−11 34.2	1.815	2.818	3.8	19.9
6 10	16 16.41	−11 27.8	1.834	2.818	6.3	20.1
6 20	16 8.97	−11 31.1	1.878	2.817	9.7	20.3
6 30	16 3.30	−11 44.6	1.946	2.816	12.9	20.5

151247 2002 AX_{24} 5 29.5 161°.36 1°.5/30.3 18

4 21	16 52.30	−28 11.8	2.612	3.405	11.9	21.1
5 1	16 47.67	−28 2.6	2.523	3.408	9.4	20.9
5 11	16 41.19	−27 46.1	2.457	3.411	6.6	20.7
5 21	16 33.37	−27 21.9	2.417	3.414	3.5	20.5
5 31	16 24.94	−26 50.6	2.406	3.417	1.5	20.4
6 10	16 16.71	−26 14.2	2.423	3.419	3.9	20.6
6 20	16 9.42	−25 35.5	2.468	3.421	7.0	20.7
6 30	16 3.66	−24 57.6	2.539	3.423	9.8	20.9

250384 2003 UY_{93} 5 29.5 176°.14 4°.2/30.9 18

4 21	16 58.65	−31 47.3	1.718	2.518	16.8	20.6
5 1	16 53.91	−32 14.4	1.635	2.520	13.7	20.4
5 11	16 46.10	−32 30.8	1.572	2.520	10.0	20.1
5 21	16 35.90	−32 33.0	1.532	2.521	6.3	19.9
5 31	16 24.48	−32 19.1	1.518	2.521	4.2	19.8
6 10	16 13.31	−31 50.7	1.530	2.521	6.4	19.9
6 20	16 3.69	−31 11.9	1.567	2.521	10.1	20.1
6 30	15 56.66	−30 28.9	1.628	2.520	13.8	20.4

341504 2007 TQ_{405} 5 29.5 108°.39 1°.5/30.1 17

4 21	16 54.94	−26 9.0	2.394	3.190	12.7	21.7
5 1	16 49.82	−26 25.4	2.319	3.206	10.0	21.5
5 11	16 42.67	−26 36.4	2.266	3.222	6.9	21.3
5 21	16 34.07	−26 41.1	2.239	3.237	3.6	21.1
5 31	16 24.82	−26 39.1	2.241	3.252	1.6	21.0
6 10	16 15.82	−26 31.5	2.271	3.267	4.2	21.2
6 20	16 7.87	−26 20.3	2.329	3.281	7.4	21.5
6 30	16 1.63	−26 8.3	2.412	3.295	10.2	21.7

87941 2000 SG_{356} 5 29.5 229°.78 2°.7/28.5 18

4 21	16 51.60	−12 49.5	2.605	3.411	11.6	19.7
5 1	16 47.08	−12 40.7	2.509	3.403	9.1	19.5
5 11	16 40.81	−12 34.0	2.436	3.394	6.4	19.3
5 21	16 33.23	−12 30.6	2.390	3.385	3.7	19.1
5 31	16 24.98	−12 31.8	2.372	3.376	2.9	19.0
6 10	16 16.78	−12 38.6	2.382	3.366	5.1	19.1
6 20	16 9.34	−12 51.8	2.420	3.357	7.9	19.3
6 30	16 3.26	−13 11.7	2.483	3.347	10.7	19.5

175791 1999 RM_{68} 5 29.5 259°.12 5°.1/27.8 17

4 21	16 53.76	−11 42.1	1.630	2.458	16.3	20.7
5 1	16 49.85	−11 0.8	1.542	2.447	13.1	20.5
5 11	16 43.26	−10 21.2	1.475	2.436	9.4	20.2
5 21	16 34.56	− 9 47.1	1.432	2.424	6.1	20.0
5 31	16 24.74	− 9 22.5	1.413	2.413	5.3	19.9
6 10	16 15.01	− 9 10.7	1.420	2.401	8.2	20.0
6 20	16 6.50	− 9 13.5	1.452	2.389	12.1	20.2
6 30	16 0.18	− 9 31.5	1.504	2.377	15.9	20.4

253586 2003 TX_{7} 5 29.5 112°.81 31°.2/ 9.5 18

4 21	17 16.77	+15 58.5	0.738	1.537	33.2	21.0
5 1	17 9.18	+23 56.9	0.745	1.563	31.6	21.0
5 11	16 56.66	+30 38.8	0.773	1.588	31.2	21.1
5 21	16 40.71	+35 36.3	0.818	1.611	31.8	21.2
5 31	16 23.74	+38 41.1	0.875	1.633	32.8	21.5
6 10	16 8.36	+40 4.3	0.942	1.652	33.8	21.7
6 20	15 56.47	+40 5.9	1.014	1.671	34.7	21.9
6 30	15 49.07	+39 7.0	1.089	1.687	35.3	22.1

471748 2012 UY_{72} 5 29.5 279°.75 2°.3/30.2 16

4 21	16 54.47	−26 58.6	1.956	2.764	14.8	22.2
5 1	16 50.34	−27 24.0	1.856	2.750	11.8	22.0
5 11	16 43.59	−27 43.7	1.777	2.735	8.4	21.7
5 21	16 34.74	−27 55.9	1.723	2.720	4.6	21.5
5 31	16 24.71	−27 59.0	1.695	2.705	2.4	21.3
6 10	16 14.65	−27 53.6	1.694	2.690	5.3	21.4
6 20	16 5.69	−27 42.0	1.719	2.674	9.2	21.6
6 30	15 58.81	−27 27.8	1.767	2.659	12.9	21.8

329249 1995 US_{9} 5 29.5 301°.61 8°.7/31.4 18

4 21	16 58.71	−39 57.7	1.777	2.551	17.3	20.3
5 1	16 54.67	−41 20.5	1.686	2.540	14.8	20.1
5 11	16 47.13	−42 31.5	1.614	2.529	12.2	19.9
5 21	16 36.64	−43 23.7	1.564	2.518	9.8	19.7
5 31	16 24.35	−43 51.0	1.538	2.507	8.7	19.6
6 10	16 11.94	−43 51.5	1.536	2.496	9.7	19.7
6 20	16 1.08	−43 27.8	1.558	2.486	12.1	19.8
6 30	15 53.12	−42 47.0	1.601	2.475	15.0	19.9

88238 2001 CN_{19} 5 29.5 266°.58 6°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.62	−41 43.4	2.611	3.355	13.1	19.2
5 1	16 50.90	−42 18.8	2.507	3.341	11.2	19.0
5 11	16 43.76	−42 41.8	2.423	3.326	9.1	18.8
5 21	16 34.75	−42 49.1	2.363	3.312	7.2	18.7
5 31	16 24.72	−42 38.0	2.330	3.297	6.3	18.6
6 10	16 14.75	−42 9.0	2.322	3.282	6.9	18.6
6 20	16 5.85	−41 24.6	2.341	3.267	8.7	18.7
6 30	15 58.89	−40 29.6	2.384	3.252	10.9	18.8

448580 2010 TV_{19} 5 29.5 316°.93 5°.8/31.4 18

4 21	16 53.83	−36 22.5	2.097	2.879	14.8	20.8
5 1	16 49.93	−37 9.3	2.001	2.867	12.3	20.6
5 11	16 43.35	−37 45.6	1.926	2.856	9.6	20.4
5 21	16 34.64	−38 7.5	1.874	2.845	7.1	20.3
5 31	16 24.74	−38 12.2	1.847	2.834	5.8	20.2
6 10	16 14.86	−37 59.6	1.846	2.824	6.9	20.2
6 20	16 6.16	−37 32.3	1.871	2.814	9.5	20.3
6 30	15 59.63	−36 55.4	1.919	2.804	12.4	20.5

96886 1999 TT_{26} 5 29.5 296°.08 1°.8/30.0 18

4 21	16 53.48	−25 52.8	1.784	2.601	15.6	20.2
5 1	16 49.91	−26 7.2	1.676	2.576	12.5	19.9
5 11	16 43.53	−26 15.7	1.589	2.551	8.8	19.6
5 21	16 34.81	−26 16.5	1.526	2.525	4.6	19.3
5 31	16 24.70	−26 8.9	1.488	2.500	1.9	19.1
6 10	16 14.44	−25 53.7	1.477	2.475	5.6	19.3
6 20	16 5.30	−25 33.7	1.490	2.449	10.1	19.5
6 30	15 58.38	−25 13.2	1.527	2.424	14.3	19.6

211973 2005 AB_{18} 5 29.5 72°.14 1°.8/29.1 18

4 21	16 56.50	−18 26.7	1.408	2.243	18.1	20.2
5 1	16 52.10	−18 15.1	1.348	2.259	14.2	20.0
5 11	16 44.72	−18 1.8	1.308	2.276	9.6	19.8
5 21	16 35.17	−17 47.9	1.290	2.292	4.6	19.6
5 31	16 24.69	−17 35.2	1.297	2.309	2.1	19.4
6 10	16 14.72	−17 26.1	1.330	2.325	6.4	19.7
6 20	16 6.44	−17 22.9	1.386	2.342	11.0	20.0
6 30	16 0.74	−17 27.5	1.465	2.358	15.0	20.3

30996 1995 UH_{4} 5 29.5 181°.94 2°.9/31.1 18

4 21	16 53.63	−32 27.4	2.721	3.498	11.8	19.7
5 1	16 48.77	−32 32.6	2.627	3.499	9.6	19.5
5 11	16 41.98	−32 28.9	2.557	3.499	7.0	19.4
5 21	16 33.79	−32 15.2	2.512	3.499	4.4	19.2
5 31	16 24.93	−31 51.2	2.495	3.498	2.9	19.1
6 10	16 16.25	−31 18.2	2.507	3.497	4.4	19.2
6 20	16 8.51	−30 39.1	2.547	3.496	7.0	19.4
6 30	16 2.34	−29 57.3	2.612	3.494	9.6	19.5

38311 1999 RV_{106} 5 29.5 336°.63 3°.8/27.3 18 R

4 21	16 49.14	−15 3.6	2.121	2.944	13.3	18.8
5 1	16 45.48	−13 51.1	2.036	2.940	10.4	18.7
5 11	16 39.86	−12 35.7	1.975	2.937	7.3	18.4
5 21	16 32.81	−11 21.2	1.939	2.933	4.5	18.3
5 31	16 25.11	−10 12.0	1.930	2.930	4.1	18.2
6 10	16 17.60	− 9 12.4	1.949	2.927	6.6	18.4
6 20	16 11.07	− 8 25.7	1.994	2.925	9.7	18.6
6 30	16 6.16	− 7 53.7	2.062	2.922	12.7	18.8

179474 2002 BM_{27} 5 29.5 100°.65 0°.8/29.2 18

4 21	16 53.29	−18 31.3	2.486	3.291	12.1	20.9
5 1	16 48.36	−18 38.9	2.411	3.307	9.4	20.7
5 11	16 41.62	−18 45.7	2.361	3.322	6.3	20.6
5 21	16 33.59	−18 51.9	2.336	3.338	3.0	20.4
5 31	16 24.98	−18 57.9	2.340	3.353	1.0	20.2
6 10	16 16.60	−19 4.5	2.373	3.368	4.1	20.5
6 20	16 9.14	−19 12.6	2.434	3.383	7.3	20.7
6 30	16 3.21	−19 23.4	2.520	3.397	10.1	20.9

117904 3504 $P\text{–}L$ 5 29.5 258°.14 6°.2/31.8 18

4 21	16 58.02	−38 26.8	2.149	2.915	14.9	19.6
5 1	16 53.27	−39 2.9	2.044	2.898	12.6	19.4
5 11	16 45.66	−39 26.6	1.959	2.881	10.0	19.2
5 21	16 35.76	−39 33.7	1.897	2.863	7.5	19.0
5 31	16 24.57	−39 21.1	1.862	2.845	6.2	18.9
6 10	16 13.38	−38 48.9	1.852	2.826	7.2	18.9
6 20	16 3.43	−38 0.6	1.869	2.808	9.7	19.0
6 30	15 55.78	−37 2.1	1.909	2.788	12.7	19.2

45282 2000 AL_{19} 5 29.5 258°.98 1°.2/29.9 18

4 21	16 56.44	−24 50.6	1.789	2.603	15.7	20.2
5 1	16 52.11	−24 57.3	1.687	2.585	12.6	19.9
5 11	16 44.94	−24 58.1	1.605	2.567	8.7	19.7
5 21	16 35.45	−24 51.5	1.547	2.548	4.4	19.4
5 31	16 24.62	−24 37.4	1.516	2.529	1.3	19.1
6 10	16 13.75	−24 17.1	1.511	2.509	5.5	19.3
6 20	16 4.07	−23 53.9	1.533	2.489	10.1	19.6
6 30	15 56.67	−23 31.8	1.577	2.469	14.2	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
387021 2012 RM_{41}			5 29.5 214.°85	5.°3/27.4 18		
	h m	° ′			°	m
4 21	16 52.40	− 6 17.9	2.360	3.162	12.7	20.7
5 1	16 47.82	− 5 46.1	2.271	3.156	10.4	20.5
5 11	16 41.37	− 5 19.7	2.205	3.149	7.8	20.4
5 21	16 33.53	− 5 1.6	2.165	3.142	5.8	20.2
5 31	16 24.99	− 4 54.4	2.152	3.135	5.5	20.2
6 10	16 16.55	− 4 59.7	2.166	3.127	7.2	20.3
6 20	16 8.96	− 5 17.8	2.206	3.119	9.8	20.4
6 30	16 2.86	− 5 48.3	2.270	3.111	12.3	20.6
390078 2012 UV_{130}			5 29.5 262.°68	3.°1/30.3 17		
4 21	16 55.89	−28 36.7	2.087	2.886	14.3	21.2
5 1	16 51.34	−29 14.6	1.987	2.873	11.5	21.0
5 11	16 44.22	−29 46.9	1.909	2.861	8.3	20.8
5 21	16 35.05	−30 10.9	1.855	2.848	4.9	20.5
5 31	16 24.70	−30 24.6	1.829	2.835	3.1	20.4
6 10	16 14.32	−30 27.8	1.830	2.822	5.4	20.5
6 20	16 5.00	−30 22.4	1.857	2.809	8.9	20.7
6 30	15 57.70	−30 11.9	1.909	2.796	12.3	20.9
87831 2000 SY_{174}			5 29.5 252.°09	1.°8/30.3 18		
4 21	16 55.29	−27 58.4	2.109	2.909	14.1	20.1
5 1	16 50.74	−27 53.3	2.003	2.892	11.3	19.9
5 11	16 43.72	−27 39.5	1.919	2.875	8.0	19.7
5 21	16 34.77	−27 15.9	1.860	2.857	4.3	19.4
5 31	16 24.77	−26 42.7	1.828	2.839	1.8	19.2
6 10	16 14.82	−26 1.9	1.824	2.821	4.9	19.4
6 20	16 5.94	−25 17.2	1.847	2.802	8.8	19.6
6 30	15 59.03	−24 33.1	1.894	2.782	12.4	19.7
501988 2014 YE_{48}			5 29.5 97.°57	4.°2/28.5 17		
4 21	16 56.38	−11 2.2	1.777	2.594	15.7	20.8
5 1	16 51.32	−10 47.8	1.713	2.611	12.4	20.6
5 11	16 43.87	−10 38.0	1.670	2.628	8.8	20.4
5 21	16 34.71	−10 34.9	1.651	2.644	5.3	20.2
5 31	16 24.82	−10 40.3	1.659	2.660	4.3	20.2
6 10	16 15.29	−10 55.2	1.693	2.676	6.9	20.4
6 20	16 7.07	−11 19.7	1.754	2.691	10.3	20.6
6 30	16 0.92	−11 53.3	1.837	2.707	13.6	20.9
424632 2008 KE_{18}			5 29.5 264.°85	3.°5/27.4 18		
4 21	16 45.21	− 3 1.7	4.400	5.182	7.6	20.7
5 1	16 41.36	− 2 55.5	4.312	5.180	6.2	20.6
5 11	16 36.59	− 2 54.1	4.249	5.178	4.8	20.5
5 21	16 31.17	− 2 58.7	4.212	5.177	3.8	20.4
5 31	16 25.43	− 3 10.2	4.205	5.175	3.6	20.4
6 10	16 19.76	− 3 29.0	4.226	5.173	4.5	20.5
6 20	16 14.50	− 3 55.0	4.275	5.171	5.8	20.6
6 30	16 9.97	− 4 27.8	4.349	5.170	7.3	20.7
261909 2006 JW_{49}			5 29.5 340.°95	0.°6/29.7 17		
4 21	16 51.69	−22 27.5	1.185	2.037	19.7	20.1
5 1	16 49.44	−22 41.8	1.108	2.029	15.7	19.8
5 11	16 43.65	−22 51.8	1.050	2.022	10.8	19.5
5 21	16 34.99	−22 56.4	1.012	2.016	5.2	19.2
5 31	16 24.74	−22 55.5	0.996	2.010	1.0	18.9
6 10	16 14.63	−22 50.6	1.004	2.005	6.8	19.2
6 20	16 6.28	−22 45.1	1.034	2.001	12.4	19.5
6 30	16 0.94	−22 42.9	1.083	1.999	17.3	19.8
332031 2005 PD_{16}			5 29.5 293.°70	0.°8/29.1 15		
4 21	16 47.67	−19 10.7	3.131	3.936	9.8	21.3
5 1	16 43.88	−19 2.6	3.017	3.913	7.7	21.1
5 11	16 38.62	−18 52.8	2.927	3.889	5.2	20.9
5 21	16 32.23	−18 42.0	2.863	3.865	2.5	20.7
5 31	16 25.24	−18 30.9	2.829	3.841	1.0	20.5
6 10	16 18.24	−18 20.8	2.823	3.817	3.6	20.7
6 20	16 11.81	−18 12.8	2.846	3.793	6.4	20.9
6 30	16 6.48	−18 8.4	2.894	3.769	9.0	21.0
419762 2010 VO_{114}			5 29.5 205.°55	1.°9/30.2 17		
4 21	16 57.88	−27 14.8	2.080	2.877	14.4	22.4
5 1	16 52.70	−27 22.3	1.984	2.872	11.5	22.2
5 11	16 45.00	−27 22.7	1.911	2.866	8.0	22.0
5 21	16 35.36	−27 14.3	1.862	2.859	4.3	21.7
5 31	16 24.70	−26 56.9	1.841	2.852	1.9	21.5
6 10	16 14.16	−26 31.9	1.848	2.844	4.9	21.7
6 20	16 4.79	−26 2.5	1.882	2.836	8.8	21.9
6 30	15 57.47	−25 32.8	1.941	2.826	12.3	22.1
419801 2010 WM_{48}			5 29.5 235.°80	0.°4/29.7 17		
4 21	16 56.86	−22 59.2	1.901	2.712	15.0	22.2
5 1	16 52.16	−23 3.9	1.803	2.700	11.9	22.0
5 11	16 44.80	−23 4.4	1.725	2.688	8.2	21.7
5 21	16 35.33	−22 59.6	1.673	2.674	4.0	21.4
5 31	16 24.70	−22 49.8	1.647	2.661	0.8	21.1
6 10	16 14.09	−22 36.3	1.649	2.647	5.2	21.4
6 20	16 4.63	−22 21.8	1.678	2.632	9.5	21.7
6 30	15 57.28	−22 9.4	1.730	2.617	13.4	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
207441 2006 ED_{16}			5 29.5 19.°06	4.°2/30.6 17		
	h m	° ′			°	m
4 21	16 56.09	−29 14.6	1.288	2.119	19.7	19.7
5 1	16 52.78	−29 52.4	1.216	2.121	15.9	19.4
5 11	16 45.81	−30 20.4	1.163	2.123	11.4	19.2
5 21	16 35.96	−30 34.6	1.130	2.125	6.8	18.9
5 31	16 24.60	−30 32.5	1.121	2.128	4.2	18.8
6 10	16 13.54	−30 15.2	1.135	2.132	7.2	18.9
6 20	16 4.40	−29 47.5	1.173	2.135	11.8	19.2
6 30	15 58.38	−29 16.1	1.231	2.140	16.1	19.5
394686 2008 CY_{142}			5 29.5 116.°91	4.°7/31.6 16		
4 21	16 54.94	−36 10.8	2.428	3.199	13.3	21.5
5 1	16 50.18	−36 40.0	2.344	3.205	11.0	21.4
5 11	16 43.14	−36 58.6	2.281	3.210	8.4	21.2
5 21	16 34.42	−37 3.8	2.242	3.215	6.0	21.1
5 31	16 24.88	−36 54.4	2.230	3.220	4.7	21.0
6 10	16 15.55	−36 31.2	2.246	3.225	5.7	21.1
6 20	16 7.34	−35 57.2	2.288	3.230	8.0	21.2
6 30	16 1.00	−35 16.7	2.355	3.235	10.6	21.4
31581 Onnink			5 29.5 154.°18	2.°8/30.4 18		
4 21	16 59.86	−28 4.8	1.693	2.499	16.8	18.9
5 1	16 54.76	−28 29.9	1.614	2.505	13.4	18.7
5 11	16 46.63	−28 47.2	1.555	2.511	9.5	18.5
5 21	16 36.18	−28 53.9	1.520	2.516	5.3	18.2
5 31	16 24.58	−28 48.5	1.511	2.520	2.9	18.1
6 10	16 13.24	−28 32.3	1.529	2.524	5.8	18.3
6 20	16 3.45	−28 9.0	1.572	2.528	10.0	18.5
6 30	15 56.20	−27 43.4	1.639	2.530	13.8	18.8
25147 1998 SZ_{45}			5 29.5 337.°58	1.°8/30.1 18		
4 21	16 52.81	−26 8.9	1.806	2.624	15.4	18.9
5 1	16 49.07	−26 21.7	1.721	2.620	12.3	18.7
5 11	16 42.70	−26 28.1	1.655	2.617	8.5	18.5
5 21	16 34.32	−26 26.6	1.614	2.614	4.5	18.2
5 31	16 24.90	−26 16.9	1.599	2.611	1.8	18.0
6 10	16 15.63	−26 0.6	1.610	2.608	5.2	18.2
6 20	16 7.62	−25 40.7	1.647	2.606	9.3	18.5
6 30	16 1.76	−25 20.8	1.706	2.604	13.0	18.7
253427 2003 QM_{56}			5 29.5 234.°45	4.°5/30.8 17		
4 21	16 59.03	−31 40.1	1.722	2.521	16.8	20.6
5 1	16 54.44	−32 17.7	1.629	2.513	13.7	20.3
5 11	16 46.67	−32 46.1	1.557	2.504	10.2	20.1
5 21	16 36.33	−33 1.0	1.507	2.495	6.5	19.9
5 31	16 24.53	−32 59.5	1.483	2.486	4.6	19.7
6 10	16 12.78	−32 42.0	1.485	2.476	6.7	19.8
6 20	16 2.50	−32 12.1	1.513	2.465	10.5	20.0
6 30	15 54.83	−31 35.8	1.563	2.455	14.3	20.2
201544 2003 QY_{100}			5 29.5 238.°75	2.°5/28.5 18		
4 21	16 52.13	−17 7.1	1.973	2.794	14.2	20.5
5 1	16 48.07	−16 32.6	1.886	2.790	11.1	20.3
5 11	16 41.77	−15 55.9	1.821	2.786	7.6	20.1
5 21	16 33.80	−15 18.9	1.781	2.782	4.0	19.8
5 31	16 25.00	−14 44.4	1.769	2.777	2.7	19.7
6 10	16 16.37	−14 15.3	1.783	2.773	5.8	19.9
6 20	16 8.82	−13 54.2	1.823	2.768	9.5	20.1
6 30	16 3.09	−13 42.9	1.886	2.763	12.9	20.3
149236 2002 RX_{147}			5 29.5 278.°10	1.°1/29.2 17		
4 21	16 53.72	−20 29.5	1.600	2.430	16.5	20.7
5 1	16 50.05	−20 12.0	1.510	2.419	13.1	20.5
5 11	16 43.54	−19 49.9	1.440	2.408	8.9	20.2
5 21	16 34.79	−19 24.0	1.394	2.397	4.3	19.9
5 31	16 24.83	−18 56.3	1.373	2.386	1.5	19.7
6 10	16 14.96	−18 29.8	1.378	2.375	6.1	20.0
6 20	16 6.42	−18 7.9	1.407	2.364	10.8	20.2
6 30	16 0.20	−17 53.9	1.459	2.353	15.0	20.4
510726 2012 VP_{84}			5 29.5 80.°75	0.°5/29.9 17		
4 21	16 53.95	−27 54.7	2.145	2.947	13.8	20.8
5 1	16 49.23	−26 55.9	2.060	2.952	10.9	20.6
5 11	16 42.35	−25 45.5	1.999	2.958	7.5	20.4
5 21	16 33.98	−24 25.0	1.963	2.964	3.6	20.2
5 31	16 25.01	−22 57.6	1.956	2.970	0.7	19.9
6 10	16 16.40	−21 28.2	1.978	2.975	4.5	20.2
6 20	16 9.01	−20 2.2	2.028	2.981	8.2	20.5
6 30	16 3.47	−18 44.7	2.103	2.987	11.5	20.7
62611 2000 SX_{334}			5 29.5 288.°84	2.°2/28.8 18		
4 21	16 51.65	−15 12.3	2.185	3.001	13.2	19.3
5 1	16 47.54	−15 9.7	2.094	2.994	10.4	19.0
5 11	16 41.36	−15 8.4	2.024	2.987	7.1	18.8
5 21	16 33.62	−15 9.3	1.980	2.980	3.8	18.6
5 31	16 25.06	−15 13.5	1.964	2.973	2.3	18.5
6 10	16 16.58	−15 22.2	1.975	2.966	5.2	18.7
6 20	16 9.02	−15 36.2	2.013	2.959	8.7	18.9
6 30	16 3.09	−15 56.1	2.074	2.952	11.9	19.1

127115 2002 GG_{99} 5 29.5 131.°72 8.°1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.31	− 2 36.4	2.091	2.893	14.1	20.1
5 1	16 47.80	− 0 58.1	2.026	2.903	11.8	20.0
5 11	16 41.34	+ 0 33.6	1.985	2.912	9.6	19.8
5 21	16 33.51	+ 1 52.7	1.968	2.920	8.2	19.8
5 31	16 25.10	+ 2 54.0	1.978	2.929	8.4	19.8
6 10	16 16.97	+ 3 33.9	2.013	2.937	9.9	19.9
6 20	16 9.87	+ 3 51.5	2.072	2.944	12.1	20.1
6 30	16 4.42	+ 3 48.0	2.152	2.952	14.3	20.2

35132 1992 PY_{3} 5 29.5 294.°03 2.°8/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.96	−28 57.3	1.738	2.550	16.2	19.3
5 1	16 51.36	−29 4.9	1.622	2.517	13.2	19.0
5 11	16 44.73	−29 3.1	1.526	2.484	9.5	18.7
5 21	16 35.52	−28 49.1	1.453	2.450	5.4	18.4
5 31	16 24.70	−28 21.7	1.406	2.416	2.8	18.1
6 10	16 13.62	−27 42.2	1.385	2.382	6.0	18.3
6 20	16 3.70	−26 54.7	1.388	2.347	10.7	18.4
6 30	15 56.16	−26 5.4	1.415	2.313	15.1	18.6

346720 2009 AX_{14} 5 29.5 249.°11 1.°2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.60	−19 1.9	2.399	3.205	12.4	22.0
5 1	16 48.99	−18 49.7	2.291	3.186	9.8	21.8
5 11	16 42.33	−18 35.3	2.205	3.167	6.7	21.5
5 21	16 34.10	−18 19.2	2.146	3.148	3.2	21.3
5 31	16 24.99	−18 2.6	2.116	3.128	1.4	21.1
6 10	16 15.87	−17 47.2	2.114	3.107	4.7	21.3
6 20	16 7.58	−17 35.0	2.139	3.086	8.2	21.5
6 30	16 0.84	−17 27.8	2.189	3.064	11.5	21.6

86240 1999 TU_{119} 5 29.5 175.°77 1.°7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.23	−27 59.9	2.838	3.626	11.1	20.0
5 1	16 47.56	−28 5.5	2.746	3.628	8.8	19.8
5 11	16 41.14	−28 5.2	2.677	3.629	6.2	19.6
5 21	16 33.45	−27 58.1	2.634	3.630	3.4	19.4
5 31	16 25.15	−27 44.3	2.621	3.630	1.7	19.3
6 10	16 16.97	−27 25.1	2.636	3.631	3.7	19.5
6 20	16 9.63	−27 2.3	2.679	3.631	6.6	19.6
6 30	16 3.70	−26 38.7	2.748	3.630	9.2	19.8

127875 2003 GT_{1} 5 29.5 45.°60 5.°8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.08	− 9 26.4	1.431	2.267	17.8	19.0
5 1	16 49.24	− 8 51.7	1.377	2.284	14.2	18.8
5 11	16 42.70	− 8 23.6	1.343	2.303	10.3	18.6
5 21	16 34.26	− 8 5.8	1.331	2.321	6.8	18.5
5 31	16 25.03	− 8 1.8	1.343	2.340	6.0	18.5
6 10	16 16.28	− 8 12.9	1.381	2.360	8.5	18.7
6 20	16 9.06	− 8 39.0	1.441	2.379	12.1	18.9
6 30	16 4.14	− 9 18.3	1.522	2.400	15.5	19.2

168840 2000 TF_{58} 5 29.5 264.°23 3.°7/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.57	−15 21.1	1.599	2.428	16.6	20.9
5 1	16 50.72	−14 43.3	1.504	2.412	13.2	20.7
5 11	16 44.04	−14 3.7	1.430	2.395	9.2	20.4
5 21	16 35.09	−13 25.2	1.379	2.378	5.2	20.1
5 31	16 24.86	−12 51.3	1.354	2.361	3.9	20.0
6 10	16 14.64	−12 25.9	1.355	2.343	7.5	20.1
6 20	16 5.67	−12 12.1	1.380	2.325	11.9	20.4
6 30	15 58.97	−12 11.9	1.426	2.307	16.1	20.6

255065 2005 TX_{181} 5 29.5 301.°43 2.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.20	−31 16.3	2.224	3.019	13.6	20.5
5 1	16 48.18	−31 18.1	2.129	3.013	11.0	20.3
5 11	16 41.89	−31 10.1	2.057	3.006	7.9	20.1
5 21	16 33.91	−30 50.9	2.009	3.000	4.8	19.9
5 31	16 25.08	−30 20.4	1.987	2.994	2.9	19.8
6 10	16 16.41	−29 40.6	1.993	2.987	4.8	19.9
6 20	16 8.82	−28 54.9	2.026	2.981	8.1	20.1
6 30	16 3.08	−28 7.7	2.084	2.976	11.2	20.3

368400 2002 TW_{22} 5 29.5 278.°70 0.°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.92	−23 11.1	1.680	2.502	16.2	21.5
5 1	16 51.14	−23 6.4	1.576	2.480	12.9	21.2
5 11	16 44.44	−22 55.7	1.492	2.457	8.9	20.9
5 21	16 35.34	−22 38.7	1.431	2.434	4.3	20.6
5 31	16 24.81	−22 15.8	1.397	2.410	0.7	20.3
6 10	16 14.18	−21 49.1	1.388	2.387	5.8	20.6
6 20	16 4.76	−21 22.4	1.405	2.363	10.7	20.8
6 30	15 57.65	−20 59.9	1.444	2.339	15.1	21.0

359484 2010 OR_{34} 5 29.5 309.°98 1.°6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.38	−26 37.2	2.301	3.106	12.9	21.3
5 1	16 47.40	−26 47.3	2.207	3.100	10.3	21.1
5 11	16 41.31	−26 51.5	2.136	3.094	7.2	20.9
5 21	16 33.63	−26 48.9	2.090	3.088	3.8	20.7
5 31	16 25.14	−26 39.4	2.071	3.082	1.7	20.5
6 10	16 16.75	−26 24.3	2.080	3.077	4.4	20.7
6 20	16 9.31	−26 5.8	2.116	3.072	7.8	20.9
6 30	16 3.56	−25 46.8	2.176	3.066	10.9	21.1

63906 2001 SN_{19} 5 29.6 10.°55 0.°7/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.30	−20 57.7	1.944	2.766	14.3	19.3
5 1	16 47.52	−20 45.3	1.862	2.766	11.2	19.1
5 11	16 41.46	−20 29.0	1.802	2.767	7.6	18.8
5 21	16 33.71	−20 9.8	1.766	2.769	3.6	18.6
5 31	16 25.14	−19 48.8	1.757	2.770	1.0	18.4
6 10	16 16.78	−19 28.5	1.775	2.772	5.0	18.7
6 20	16 9.54	−19 11.3	1.818	2.773	8.9	18.9
6 30	16 4.17	−18 59.5	1.886	2.775	12.3	19.1

384073 2008 UZ_{367} 5 29.6 259.°40 2.°3/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.62	−28 25.5	2.014	2.818	14.6	21.6
5 1	16 50.36	−28 31.7	1.915	2.805	11.7	21.4
5 11	16 43.56	−28 29.7	1.837	2.793	8.3	21.1
5 21	16 34.79	−28 17.8	1.784	2.780	4.6	20.9
5 31	16 24.95	−27 55.9	1.757	2.767	2.3	20.7
6 10	16 15.18	−27 25.4	1.758	2.754	5.1	20.8
6 20	16 6.54	−26 49.8	1.785	2.741	8.9	21.1
6 30	15 59.95	−26 13.4	1.836	2.727	12.5	21.2

137656 1999 XU_{6} 5 29.6 229.°81 0.°8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.11	−24 39.8	1.972	2.778	14.7	21.0
5 1	16 52.28	−24 36.8	1.872	2.766	11.7	20.8
5 11	16 44.86	−24 27.5	1.794	2.754	8.1	20.5
5 21	16 35.41	−24 11.1	1.741	2.741	4.0	20.3
5 31	16 24.85	−23 48.0	1.714	2.728	0.9	20.0
6 10	16 14.35	−23 20.1	1.716	2.713	5.0	20.3
6 20	16 5.00	−22 50.7	1.744	2.699	9.2	20.5
6 30	15 57.71	−22 23.6	1.797	2.683	13.0	20.7

131608 2001 XV_{19} 5 29.6 109.°40 5.°3/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.21	−34 32.3	1.493	2.297	18.8	19.5
5 1	16 54.82	−34 52.4	1.419	2.303	15.4	19.3
5 11	16 46.97	−34 57.2	1.363	2.309	11.5	19.1
5 21	16 36.46	−34 42.7	1.329	2.315	7.6	18.9
5 31	16 24.69	−34 7.2	1.320	2.320	5.4	18.8
6 10	16 13.36	−33 13.5	1.335	2.326	7.2	18.9
6 20	16 3.95	−32 8.3	1.375	2.331	11.0	19.1
6 30	15 57.51	−30 59.9	1.437	2.336	14.8	19.4

180442 2004 BC_{109} 5 29.6 10.°04 0.°9/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.60	−23 38.1	1.248	2.096	19.2	19.9
5 1	16 49.07	−23 47.2	1.179	2.097	15.2	19.6
5 11	16 43.20	−23 50.0	1.129	2.099	10.4	19.3
5 21	16 34.74	−23 45.8	1.099	2.102	5.1	19.0
5 31	16 24.98	−23 34.8	1.093	2.107	1.1	18.8
6 10	16 15.55	−23 19.5	1.111	2.112	6.4	19.1
6 20	16 7.88	−23 3.7	1.151	2.118	11.5	19.4
6 30	16 3.04	−22 51.6	1.211	2.125	16.0	19.7

434265 2003 UV_{350} 5 29.6 287.°37 1.°0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.87	−23 38.6	1.880	2.696	15.0	21.5
5 1	16 49.92	−23 55.4	1.782	2.683	11.9	21.2
5 11	16 43.37	−24 8.5	1.706	2.669	8.2	21.0
5 21	16 34.76	−24 16.6	1.654	2.655	4.1	20.7
5 31	16 24.98	−24 19.2	1.629	2.642	1.1	20.4
6 10	16 15.19	−24 17.1	1.630	2.628	5.1	20.7
6 20	16 6.51	−24 12.4	1.657	2.615	9.4	20.9
6 30	15 59.90	−24 8.0	1.708	2.601	13.2	21.1

404622 2014 GR_{42} 5 29.6 60.°36 1.°7/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.92	−26 10.6	2.282	3.085	13.1	21.2
5 1	16 48.57	−26 30.6	2.197	3.088	10.4	21.0
5 11	16 42.08	−26 45.6	2.134	3.091	7.2	20.8
5 21	16 34.00	−26 54.3	2.096	3.094	3.8	20.6
5 31	16 25.14	−26 56.1	2.086	3.097	1.7	20.5
6 10	16 16.41	−26 52.0	2.103	3.100	4.4	20.7
6 20	16 8.69	−26 43.9	2.148	3.102	7.7	20.9
6 30	16 2.70	−26 34.3	2.217	3.105	10.8	21.1

502901 2015 EU_{7} 5 29.6 42.°37 2.°4/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.14	−13 27.3	1.640	2.465	16.4	20.1
5 1	16 51.60	−13 54.1	1.570	2.474	13.0	19.9
5 11	16 44.38	−14 26.3	1.520	2.484	8.9	19.7
5 21	16 35.16	−15 3.8	1.494	2.494	4.6	19.5
5 31	16 24.94	−15 46.2	1.494	2.504	2.6	19.3
6 10	16 14.99	−16 32.6	1.521	2.515	6.1	19.6
6 20	16 6.39	−17 22.2	1.574	2.527	10.2	19.9
6 30	16 0.03	−18 14.4	1.650	2.538	13.9	20.1

192740 1999 TF_{214} 5 29.6 238.°38 1.°9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.18	−26 5.6	1.971	2.779	14.7	20.3
5 1	16 50.77	−26 28.2	1.882	2.775	11.7	20.1
5 11	16 43.82	−26 45.4	1.814	2.772	8.2	19.9
5 21	16 34.92	−26 55.6	1.770	2.768	4.3	19.6
5 31	16 24.98	−26 57.8	1.753	2.764	2.0	19.5
6 10	16 15.14	−26 52.7	1.764	2.760	5.0	19.7
6 20	16 6.47	−26 42.7	1.801	2.756	8.9	19.9
6 30	15 59.85	−26 31.1	1.861	2.752	12.4	20.1

513276 2006 UM_{209} 5 29.6 254.°34 0.°1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.77	−22 16.8	2.489	3.293	12.1	22.4
5 1	16 48.33	−22 16.1	2.383	3.276	9.6	22.2
5 11	16 41.90	−22 11.9	2.299	3.260	6.5	22.0
5 21	16 33.94	−22 4.1	2.241	3.242	3.1	21.7
5 31	16 25.15	−21 53.1	2.211	3.225	0.5	21.5
6 10	16 16.37	−21 40.4	2.210	3.207	4.2	21.7
6 20	16 8.39	−21 27.6	2.237	3.189	7.6	21.9
6 30	16 1.93	−21 17.0	2.289	3.170	10.8	22.1

351950 2006 TF_{85} 5 29.6 131.°88 0.°1/29.6 17

4 21	16 52.20	−23 36.6	2.698	3.496	11.4	21.8
5 1	16 47.46	−23 18.1	2.616	3.508	8.9	21.6
5 11	16 41.03	−22 54.8	2.559	3.518	6.0	21.4
5 21	16 33.41	−22 27.2	2.528	3.529	2.8	21.2
5 31	16 25.27	−21 56.5	2.525	3.539	0.5	21.1
6 10	16 17.36	−21 24.6	2.553	3.549	3.7	21.3
6 20	16 10.33	−20 53.8	2.608	3.558	6.8	21.5
6 30	16 4.73	−20 26.6	2.689	3.567	9.5	21.7

357843 2005 UA_{165} 5 29.6 269.°74 0.°3/29.7 18

4 21	16 51.25	−23 19.0	2.385	3.193	12.4	21.8
5 1	16 47.18	−23 13.6	2.287	3.183	9.8	21.5
5 11	16 41.12	−23 3.6	2.211	3.173	6.7	21.3
5 21	16 33.56	−22 49.1	2.161	3.163	3.2	21.1
5 31	16 25.23	−22 30.7	2.139	3.152	0.6	20.9
6 10	16 16.97	−22 10.3	2.145	3.142	4.2	21.1
6 20	16 9.59	−21 49.8	2.177	3.131	7.7	21.3
6 30	16 3.79	−21 31.9	2.235	3.121	10.8	21.5

75977 2000 CK_{122} 5 29.6 155.°29 1.°5/30.1 18

4 21	16 54.43	−26 14.6	2.175	2.978	13.6	20.1
5 1	16 49.81	−26 20.8	2.090	2.981	10.8	20.0
5 11	16 42.95	−26 20.9	2.027	2.984	7.5	19.7
5 21	16 34.43	−26 13.8	1.989	2.987	3.9	19.5
5 31	16 25.10	−25 59.7	1.978	2.990	1.5	19.4
6 10	16 15.96	−25 40.1	1.995	2.992	4.5	19.6
6 20	16 7.92	−25 17.6	2.040	2.994	8.1	19.8
6 30	16 1.72	−24 55.5	2.108	2.996	11.3	20.0

161860 2007 BP_{43} 5 29.6 197.°45 4.°2/27.3 18

4 21	16 50.02	− 6 16.1	3.241	4.032	9.8	21.5
5 1	16 45.47	− 5 46.1	3.150	4.028	8.0	21.4
5 11	16 39.58	− 5 20.1	3.084	4.023	6.0	21.2
5 21	16 32.72	− 5 0.1	3.044	4.019	4.5	21.1
5 31	16 25.40	− 4 48.0	3.033	4.013	4.3	21.1
6 10	16 18.16	− 4 44.9	3.051	4.007	5.6	21.2
6 20	16 11.52	− 4 51.5	3.096	4.001	7.5	21.3
6 30	16 5.94	− 5 7.7	3.166	3.994	9.5	21.4

338657 2003 SV_{340} 5 29.6 216.°80 0.°4/29.4 17

4 21	16 53.68	−21 46.3	2.357	3.162	12.7	22.1
5 1	16 49.03	−21 29.7	2.260	3.155	9.9	21.9
5 11	16 42.35	−21 8.7	2.186	3.148	6.7	21.7
5 21	16 34.14	−20 43.8	2.138	3.140	3.2	21.5
5 31	16 25.16	−20 16.3	2.118	3.131	0.8	21.2
6 10	16 16.29	−19 48.3	2.126	3.122	4.4	21.5
6 20	16 8.34	−19 22.2	2.162	3.113	8.0	21.7
6 30	16 2.02	−19 0.7	2.223	3.103	11.2	21.9

296025 2008 YR_{155} 5 29.6 4.°80 1.°2/29.1 17

4 21	16 51.96	−19 30.4	2.028	2.847	13.9	21.2
5 1	16 47.93	−19 14.0	1.944	2.847	10.9	21.0
5 11	16 41.71	−18 54.9	1.882	2.847	7.4	20.8
5 21	16 33.86	−18 33.8	1.844	2.847	3.6	20.5
5 31	16 25.21	−18 12.6	1.834	2.847	1.4	20.4
6 10	16 16.75	−17 53.4	1.852	2.847	5.0	20.6
6 20	16 9.35	−17 38.4	1.895	2.847	8.8	20.9
6 30	16 3.76	−17 29.7	1.962	2.847	12.2	21.1

302261 2001 XC_{122} 5 29.6 156.°62 1.°0/29.4 17

4 21	16 58.76	−18 23.1	1.554	2.378	17.2	21.0
5 1	16 53.99	−18 36.4	1.477	2.381	13.6	20.8
5 11	16 46.21	−18 49.9	1.419	2.385	9.3	20.6
5 21	16 36.12	−19 3.0	1.385	2.387	4.4	20.3
5 31	16 24.83	−19 16.0	1.377	2.390	1.3	20.1
6 10	16 13.75	−19 29.3	1.396	2.392	6.0	20.4
6 20	16 4.17	−19 44.4	1.439	2.394	10.7	20.7
6 30	15 57.09	−20 3.0	1.505	2.396	14.8	20.9

136021 2002 VR_{82} 5 29.6 134.°76 3.°1/28.5 18

4 21	16 53.02	−11 56.3	2.376	3.182	12.5	19.4
5 1	16 48.29	−11 48.2	2.296	3.189	9.9	19.3
5 11	16 41.71	−11 43.1	2.240	3.196	6.9	19.1
5 21	16 33.79	−11 42.3	2.209	3.203	4.1	18.9
5 31	16 25.24	−11 47.2	2.207	3.209	3.2	18.9
6 10	16 16.86	−11 58.7	2.232	3.215	5.4	19.0
6 20	16 9.39	−12 17.1	2.285	3.221	8.4	19.2
6 30	16 3.44	−12 42.6	2.363	3.227	11.1	19.4

285468 1999 YE_{24} 5 29.6 77.°49 1.°3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.14	−19 9.9	2.404	3.217	12.2	20.7
5 1	16 46.08	−18 44.8	2.323	3.223	9.5	20.5
5 11	16 40.23	−18 17.0	2.266	3.229	6.4	20.3
5 21	16 33.09	−17 47.9	2.234	3.235	3.1	20.1
5 31	16 25.36	−17 19.2	2.230	3.242	1.5	20.0
6 10	16 17.83	−16 53.2	2.255	3.248	4.5	20.2
6 20	16 11.21	−16 31.8	2.306	3.254	7.7	20.4
6 30	16 6.09	−16 16.8	2.382	3.260	10.6	20.6

330426 2007 CC_{52} 5 29.6 145.°44 3.°2/28.6 17

4 21	16 55.78	−13 18.7	1.981	2.794	14.4	21.1
5 1	16 50.82	−13 4.6	1.904	2.801	11.4	20.9
5 11	16 43.60	−12 52.8	1.849	2.809	7.9	20.7
5 21	16 34.73	−12 44.9	1.819	2.815	4.5	20.5
5 31	16 25.08	−12 42.5	1.816	2.822	3.4	20.5
6 10	16 15.67	−12 47.1	1.841	2.828	6.1	20.7
6 20	16 7.39	−12 59.4	1.893	2.833	9.5	20.9
6 30	16 0.98	−13 20.0	1.968	2.838	12.8	21.1

144747 2004 GX_{74} 5 29.6 111.°00 4.°8/28.1 17

4 21	16 54.60	−11 12.8	1.730	2.553	15.8	20.3
5 1	16 50.14	−10 36.0	1.661	2.562	12.6	20.1
5 11	16 43.24	−10 2.4	1.612	2.571	9.0	19.9
5 21	16 34.58	− 9 35.3	1.588	2.579	5.7	19.7
5 31	16 25.12	− 9 17.9	1.589	2.588	5.0	19.7
6 10	16 15.96	− 9 12.4	1.617	2.596	7.5	19.9
6 20	16 8.09	− 9 19.9	1.670	2.604	11.0	20.1
6 30	16 2.26	− 9 40.2	1.744	2.612	14.2	20.3

276978 2004 VJ_{77} 5 29.6 220.°42 0.°3/29.7 18

4 21	16 55.04	−22 31.5	2.113	2.921	13.8	20.8
5 1	16 50.41	−22 39.2	2.019	2.915	10.9	20.6
5 11	16 43.47	−22 43.4	1.947	2.909	7.4	20.4
5 21	16 34.74	−22 43.6	1.901	2.903	3.6	20.2
5 31	16 25.08	−22 39.8	1.883	2.896	0.6	19.9
6 10	16 15.50	−22 33.2	1.892	2.889	4.7	20.2
6 20	16 6.96	−22 25.8	1.928	2.882	8.5	20.4
6 30	16 0.27	−22 20.1	1.989	2.874	12.0	20.6

278342 2007 JS 5 29.6 217.°91 7.°4/26.1 18

4 21	16 51.74	− 3 52.9	2.037	2.845	14.3	20.8
5 1	16 47.62	− 2 44.0	1.958	2.841	11.8	20.6
5 11	16 41.43	− 1 41.3	1.901	2.837	9.4	20.5
5 21	16 33.72	− 0 49.6	1.868	2.832	7.7	20.4
5 31	16 25.26	− 0 13.7	1.860	2.827	7.6	20.4
6 10	16 16.97	+ 0 3.5	1.879	2.822	9.3	20.4
6 20	16 9.65	+ 0 1.1	1.921	2.817	11.9	20.6
6 30	16 4.01	− 0 20.0	1.985	2.811	14.4	20.7

183018 2002 PQ_{94} 5 29.6 235.°92 0.°5/29.7 18

4 21	16 57.64	−22 49.2	2.030	2.835	14.4	21.4
5 1	16 52.69	−22 58.3	1.926	2.820	11.4	21.2
5 11	16 45.18	−23 3.6	1.845	2.806	7.9	20.9
5 21	16 35.63	−23 4.4	1.789	2.790	3.8	20.6
5 31	16 24.93	−23 0.4	1.760	2.774	0.7	20.4
6 10	16 14.20	−22 52.6	1.759	2.756	5.0	20.6
6 20	16 4.52	−22 43.2	1.786	2.739	9.2	20.9
6 30	15 56.83	−22 35.2	1.836	2.720	12.9	21.1

136962 1998 RV_{30} 5 29.6 233.°12 0.°2/29.6 18

4 21	16 56.27	−23 20.3	1.999	2.807	14.5	21.3
5 1	16 51.57	−23 10.2	1.899	2.795	11.5	21.0
5 11	16 44.37	−22 54.3	1.821	2.782	7.9	20.8
5 21	16 35.22	−22 32.5	1.767	2.769	3.8	20.5
5 31	16 25.01	−22 5.5	1.742	2.755	0.6	20.2
6 10	16 14.86	−21 35.7	1.744	2.741	5.0	20.5
6 20	16 5.82	−21 6.2	1.772	2.726	9.2	20.7
6 30	15 58.77	−20 40.5	1.825	2.710	12.9	20.9

1709 Ukraina 5 29.6 288.°78 4.°6/31.1 18 R

4 21	16 55.86	−32 43.9	1.583	2.392	17.6	16.6
5 1	16 52.45	−32 58.8	1.479	2.368	14.5	16.3
5 11	16 45.68	−33 0.7	1.394	2.344	10.8	16.0
5 21	16 36.11	−32 45.7	1.330	2.320	6.9	15.7
5 31	16 24.85	−32 11.4	1.291	2.296	4.6	15.5
6 10	16 13.50	−31 19.3	1.277	2.271	6.9	15.6
6 20	16 3.61	−30 14.7	1.287	2.247	11.3	15.8
6 30	15 56.47	−29 5.8	1.320	2.222	15.7	15.9

183901 2004 CP_{83} 5 29.6 141.°84 0.°2/29.7 17

4 21	16 56.52	−23 13.4	1.788	2.603	15.7	21.6
5 1	16 51.82	−23 6.0	1.710	2.609	12.3	21.4
5 11	16 44.50	−22 53.1	1.652	2.615	8.4	21.2
5 21	16 35.23	−22 34.3	1.619	2.621	4.0	20.9
5 31	16 25.05	−22 10.8	1.613	2.626	0.7	20.7
6 10	16 15.14	−21 45.0	1.634	2.631	5.2	21.0
6 20	16 6.59	−21 20.1	1.680	2.636	9.4	21.3
6 30	16 0.24	−20 59.6	1.750	2.640	13.1	21.5

393463 2001 YN_{10} 5 29.6 98°.71 1°.5/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.30	−16 32.0	2.525	3.329	11.9	21.9
5 1	16 48.34	−16 31.1	2.454	3.349	9.3	21.8
5 11	16 41.65	−16 30.4	2.407	3.368	6.3	21.6
5 21	16 33.74	−16 30.5	2.386	3.386	3.2	21.5
5 31	16 25.31	−16 32.1	2.394	3.405	1.7	21.4
6 10	16 17.11	−16 36.2	2.431	3.423	4.3	21.6
6 20	16 9.84	−16 43.6	2.496	3.441	7.3	21.8
6 30	16 4.03	−16 55.2	2.586	3.458	10.0	22.0

290199 2005 SS_{29} 5 29.6 217°.92 4°.1/31.4 18

4 21	16 54.37	−34 32.1	2.541	3.315	12.7	21.4
5 1	16 49.73	−34 58.0	2.446	3.312	10.4	21.2
5 11	16 42.91	−35 14.5	2.374	3.308	7.9	21.0
5 21	16 34.46	−35 19.4	2.326	3.304	5.4	20.9
5 31	16 25.17	−35 11.4	2.306	3.300	4.1	20.8
6 10	16 15.99	−34 51.2	2.313	3.296	5.2	20.8
6 20	16 7.81	−34 21.4	2.347	3.292	7.7	21.0
6 30	16 1.36	−33 45.8	2.406	3.288	10.3	21.2

384044 2008 UD_{203} 5 29.6 253°.25 2°.9/30.7 18

4 21	16 55.72	−30 2.7	2.133	2.927	14.2	21.6
5 1	16 51.20	−30 14.7	2.029	2.912	11.4	21.4
5 11	16 44.16	−30 18.0	1.946	2.896	8.3	21.1
5 21	16 35.16	−30 10.8	1.888	2.880	4.9	20.9
5 31	16 25.06	−29 52.1	1.857	2.864	2.9	20.7
6 10	16 14.98	−29 23.2	1.853	2.847	5.1	20.8
6 20	16 5.98	−28 47.1	1.876	2.830	8.7	21.0
6 30	15 58.98	−28 8.5	1.924	2.813	12.2	21.2

351458 2005 MJ_{22} 5 29.6 260°.01 4°.2/27.9 16

4 21	16 50.95	− 9 56.1	2.254	3.067	12.9	21.0
5 1	16 46.88	− 9 30.4	2.167	3.062	10.3	20.8
5 11	16 40.89	− 9 8.3	2.103	3.057	7.5	20.6
5 21	16 33.48	− 8 52.2	2.063	3.052	5.0	20.4
5 31	16 25.35	− 8 44.3	2.051	3.047	4.4	20.4
6 10	16 17.34	− 8 46.2	2.066	3.042	6.4	20.5
6 20	16 10.20	− 8 58.8	2.107	3.037	9.3	20.6
6 30	16 4.59	− 9 21.9	2.172	3.032	12.1	20.8

310286 2011 UF_{76} 5 29.6 245°.34 1°.6/30.3 18

4 21	16 53.22	−27 40.4	2.614	3.406	11.9	21.8
5 1	16 48.66	−27 42.1	2.507	3.391	9.5	21.6
5 11	16 42.12	−27 37.4	2.423	3.376	6.7	21.4
5 21	16 34.09	−27 25.3	2.365	3.361	3.6	21.1
5 31	16 25.25	−27 5.9	2.335	3.346	1.6	21.0
6 10	16 16.46	−26 40.6	2.334	3.330	4.1	21.1
6 20	16 8.50	−26 11.5	2.361	3.313	7.2	21.3
6 30	16 2.08	−25 41.9	2.413	3.297	10.2	21.5

430703 2004 CY_{20} 5 29.6 196°.25 6°.0/27.2 18

4 21	16 52.21	− 3 15.3	2.473	3.267	12.5	21.4
5 1	16 47.61	− 2 40.5	2.390	3.265	10.3	21.2
5 11	16 41.25	− 2 12.8	2.329	3.262	8.0	21.1
5 21	16 33.61	− 1 55.2	2.294	3.259	6.4	21.0
5 31	16 25.34	− 1 50.3	2.285	3.256	6.2	20.9
6 10	16 17.20	− 1 59.6	2.304	3.252	7.6	21.0
6 20	16 9.87	− 2 23.1	2.348	3.248	9.8	21.2
6 30	16 3.95	− 2 59.7	2.416	3.244	12.1	21.3

133692 2003 UN_{217} 5 29.6 207°.38 1°.6/29.0 18

4 21	16 53.27	−17 52.9	2.157	2.971	13.4	20.6
5 1	16 48.85	−17 41.7	2.069	2.968	10.5	20.4
5 11	16 42.31	−17 29.3	2.002	2.965	7.2	20.2
5 21	16 34.18	−17 16.5	1.961	2.962	3.5	20.0
5 31	16 25.24	−17 4.6	1.947	2.959	1.7	19.8
6 10	16 16.44	−16 55.4	1.962	2.955	5.0	20.0
6 20	16 8.62	−16 50.6	2.003	2.951	8.6	20.2
6 30	16 2.51	−16 51.7	2.068	2.947	11.9	20.4

353717 2011 VN_{14} 5 29.6 151°.72 3°.1/30.7 16

4 21	16 55.88	−30 58.4	2.805	3.580	11.6	21.6
5 1	16 50.58	−31 37.2	2.716	3.586	9.3	21.5
5 11	16 43.33	−32 9.9	2.651	3.592	6.8	21.3
5 21	16 34.63	−32 34.2	2.613	3.598	4.4	21.2
5 31	16 25.17	−32 48.8	2.602	3.603	3.1	21.1
6 10	16 15.81	−32 53.8	2.621	3.608	4.5	21.2
6 20	16 7.33	−32 50.7	2.668	3.612	6.9	21.3
6 30	16 0.39	−32 42.1	2.741	3.617	9.4	21.5

59968 1999 RC_{241} 5 29.6 324°.04 3°.8/28.5 18

4 21	16 50.62	−11 14.1	2.034	2.854	13.8	18.4
5 1	16 46.92	−11 3.6	1.944	2.845	11.0	18.2
5 11	16 41.10	−10 57.0	1.876	2.835	7.9	18.0
5 21	16 33.65	−10 56.3	1.832	2.826	4.9	17.8
5 31	16 25.34	−11 3.4	1.815	2.817	3.9	17.7
6 10	16 17.09	−11 19.4	1.825	2.809	6.3	17.8
6 20	16 9.79	−11 44.7	1.861	2.801	9.7	18.0
6 30	16 4.17	−12 19.0	1.919	2.793	12.9	18.2

494244 2016 PD_{59} 5 29.6 258°.39 0°.2/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.83	−21 20.1	2.182	2.991	13.4	21.7
5 1	16 49.43	−21 35.7	2.086	2.983	10.6	21.5
5 11	16 42.80	−21 49.3	2.013	2.976	7.2	21.3
5 21	16 34.47	−22 0.4	1.966	2.968	3.4	21.1
5 31	16 25.21	−22 8.8	1.946	2.959	0.6	20.8
6 10	16 15.98	−22 15.2	1.954	2.951	4.5	21.1
6 20	16 7.72	−22 20.7	1.989	2.943	8.3	21.3
6 30	16 1.20	−22 27.4	2.049	2.935	11.7	21.5

465220 2007 RZ_{107} 5 29.6 145°.20 3°.4/30.7 16

4 21	16 59.90	−30 1.3	1.711	2.513	16.8	22.4
5 1	16 54.84	−30 21.4	1.633	2.520	13.5	22.2
5 11	16 46.77	−30 31.6	1.575	2.527	9.7	21.9
5 21	16 36.40	−30 29.1	1.541	2.534	5.7	21.7
5 31	16 24.92	−30 12.7	1.533	2.540	3.4	21.6
6 10	16 13.76	−29 44.3	1.551	2.546	5.9	21.7
6 20	16 4.18	−29 8.1	1.595	2.551	9.8	22.0
6 30	15 57.15	−28 29.7	1.662	2.555	13.6	22.2

504530 2008 RD_{135} 5 29.6 228°.12 4°.6/31.1 17

4 21	16 57.24	−33 26.8	2.047	2.833	14.9	21.7
5 1	16 52.58	−34 2.9	1.954	2.827	12.3	21.5
5 11	16 45.20	−34 29.3	1.882	2.822	9.2	21.3
5 21	16 35.69	−34 42.8	1.834	2.816	6.2	21.1
5 31	16 25.03	−34 40.9	1.813	2.810	4.6	21.0
6 10	16 14.45	−34 24.1	1.818	2.804	6.1	21.1
6 20	16 5.12	−33 55.5	1.849	2.798	9.2	21.3
6 30	15 57.99	−33 20.1	1.905	2.791	12.4	21.5

97924 2000 QJ_{97} 5 29.6 271°.59 0°.2/29.6 18

4 21	16 56.05	−22 16.7	1.539	2.366	17.2	20.0
5 1	16 52.29	−22 19.7	1.442	2.349	13.7	19.7
5 11	16 45.41	−22 18.2	1.366	2.332	9.5	19.4
5 21	16 35.95	−22 11.6	1.312	2.315	4.6	19.1
5 31	16 24.99	−22 0.1	1.284	2.298	0.8	18.8
6 10	16 13.96	−21 45.4	1.281	2.280	6.1	19.1
6 20	16 4.29	−21 30.8	1.303	2.263	11.2	19.3
6 30	15 57.13	−21 20.1	1.347	2.245	15.7	19.6

289075 2004 TK_{213} 5 29.6 277°.33 0°.7/29.3 15

4 21	16 50.78	−20 33.1	2.549	3.357	11.7	21.9
5 1	16 46.75	−20 21.1	2.440	3.337	9.2	21.7
5 11	16 40.85	−20 6.0	2.354	3.317	6.3	21.4
5 21	16 33.53	−19 48.4	2.294	3.296	3.0	21.2
5 31	16 25.42	−19 29.3	2.262	3.275	0.9	21.0
6 10	16 17.30	−19 10.4	2.259	3.254	4.2	21.2
6 20	16 9.94	−18 53.5	2.283	3.233	7.6	21.4
6 30	16 4.00	−18 40.8	2.332	3.212	10.7	21.5

455309 2002 FF_{28} 5 29.6 28°.51 5°.3/27.9 16

4 21	16 51.69	−13 49.9	1.203	2.056	19.4	21.2
5 1	16 48.88	−12 53.4	1.143	2.063	15.4	21.0
5 11	16 42.92	−11 57.5	1.101	2.070	10.8	20.8
5 21	16 34.61	−11 7.1	1.081	2.078	6.6	20.6
5 31	16 25.25	−10 28.0	1.084	2.087	5.6	20.5
6 10	16 16.33	−10 4.6	1.109	2.096	9.0	20.7
6 20	16 9.14	− 9 59.1	1.157	2.106	13.4	21.0
6 30	16 4.59	−10 11.6	1.224	2.117	17.4	21.3

506911 2008 DZ_{14} 5 29.6 82°.90 9°.1/24.7 17

4 21	16 49.70	+ 4 46.3	2.354	3.134	13.4	21.8
5 1	16 45.61	+ 6 7.8	2.300	3.148	11.6	21.7
5 11	16 39.85	+ 7 17.4	2.268	3.162	10.1	21.6
5 21	16 32.93	+ 8 10.3	2.259	3.176	9.2	21.6
5 31	16 25.54	+ 8 42.6	2.275	3.189	9.3	21.6
6 10	16 18.39	+ 8 52.6	2.315	3.203	10.4	21.7
6 20	16 12.14	+ 8 40.7	2.378	3.217	11.9	21.8
6 30	16 7.31	+ 8 9.2	2.462	3.231	13.5	22.0

33471 Ozuna 5 29.6 10°.36 3°.9/30.7 18

4 21	16 51.84	−29 16.1	1.097	1.947	21.2	18.0
5 1	16 49.94	−29 37.7	1.032	1.948	17.1	17.7
5 11	16 44.19	−29 46.6	0.984	1.950	12.2	17.4
5 21	16 35.41	−29 39.4	0.956	1.954	7.0	17.2
5 31	16 25.11	−29 15.2	0.949	1.958	3.9	17.0
6 10	16 15.23	−28 37.3	0.964	1.964	7.3	17.2
6 20	16 7.44	−27 52.0	1.001	1.971	12.4	17.5
6 30	16 2.94	−27 7.2	1.057	1.978	17.1	17.8

218349 2004 FW_{50} 5 29.6 225°.34 4°.8/27.8 18

4 21	16 53.97	−11 20.0	1.846	2.665	15.1	20.3
5 1	16 49.72	−10 38.3	1.760	2.659	12.1	20.1
5 11	16 43.08	− 9 58.5	1.696	2.653	8.7	19.9
5 21	16 34.63	− 9 24.0	1.656	2.647	5.7	19.7
5 31	16 25.25	− 8 58.3	1.642	2.640	5.0	19.6
6 10	16 16.01	− 8 44.4	1.655	2.633	7.5	19.7
6 20	16 7.88	− 8 43.9	1.693	2.625	11.0	19.9
6 30	16 1.68	− 8 57.1	1.753	2.617	14.4	20.1

69196 1216 T-2 5 29.6 314°.89 6°.8/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.10	−11 50.8	1.246	2.099	18.9	19.8
5 1	16 47.88	−10 39.1	1.165	2.083	15.3	19.5
5 11	16 42.50	− 9 26.4	1.102	2.068	11.2	19.2
5 21	16 34.58	− 8 19.1	1.061	2.054	7.7	18.9
5 31	16 25.26	− 7 24.7	1.042	2.039	7.2	18.9
6 10	16 16.02	− 6 49.6	1.046	2.026	10.5	19.0
6 20	16 8.26	− 6 37.4	1.071	2.013	14.9	19.2
6 30	16 3.10	− 6 48.8	1.114	2.001	19.2	19.4

399287 2014 HY_{131} 5 29.6 317°.89 1°.5/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.09	−18 10.2	2.337	3.152	12.4	21.4
5 1	16 46.22	−17 52.0	2.249	3.149	9.7	21.2
5 11	16 40.46	−17 32.1	2.183	3.147	6.6	21.0
5 21	16 33.32	−17 11.5	2.143	3.144	3.3	20.8
5 31	16 25.50	−16 52.0	2.130	3.141	1.7	20.6
6 10	16 17.80	−16 35.3	2.146	3.139	4.7	20.8
6 20	16 10.99	−16 23.2	2.188	3.136	8.0	21.0
6 30	16 5.69	−16 17.4	2.254	3.134	11.0	21.2

89458 2001 XV_5 5 29.6 65°.14 8°.6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.79	− 1 30.9	1.656	2.469	16.8	19.4
5 1	16 49.57	− 0 46.0	1.595	2.478	14.0	19.2
5 11	16 42.91	− 0 13.2	1.553	2.488	11.1	19.0
5 21	16 34.50	+ 0 2.7	1.534	2.498	9.0	18.9
5 31	16 25.31	− 0 2.1	1.539	2.508	8.7	18.9
6 10	16 16.45	− 0 28.7	1.568	2.518	10.3	19.0
6 20	16 8.88	− 1 15.6	1.620	2.528	13.0	19.2
6 30	16 3.35	− 2 19.6	1.694	2.538	15.7	19.4

384074 2008 VM_{14} 5 29.6 204°.01 1°.3/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.77	−18 34.8	2.453	3.258	12.2	22.3
5 1	16 49.01	−18 19.3	2.358	3.253	9.6	22.2
5 11	16 42.32	−18 1.9	2.287	3.248	6.5	22.0
5 21	16 34.21	−17 43.4	2.241	3.242	3.2	21.7
5 31	16 25.37	−17 24.9	2.225	3.236	1.5	21.6
6 10	16 16.64	−17 8.4	2.237	3.229	4.5	21.8
6 20	16 8.77	−16 55.6	2.276	3.222	7.9	22.0
6 30	16 2.44	−16 48.2	2.341	3.214	10.9	22.2

480710 2015 RL_8 5 29.6 337°.15 5°.5/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.82	−36 12.5	1.892	2.685	15.7	20.7
5 1	16 48.63	−36 36.8	1.800	2.674	13.1	20.5
5 11	16 42.67	−36 48.0	1.727	2.664	10.1	20.3
5 21	16 34.56	−36 42.6	1.677	2.655	7.1	20.1
5 31	16 25.30	−36 18.8	1.652	2.646	5.5	19.9
6 10	16 16.19	−35 38.2	1.653	2.638	6.7	20.0
6 20	16 8.39	−34 44.7	1.678	2.630	9.7	20.2
6 30	16 2.87	−33 44.6	1.726	2.623	12.9	20.3

39133 2000 WV_{58} 5 29.6 289°.57 1°.1/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.32	−27 27.1	1.798	2.613	15.6	18.1
5 1	16 49.66	−26 59.3	1.697	2.596	12.5	17.9
5 11	16 43.31	−26 20.1	1.617	2.578	8.7	17.6
5 21	16 34.85	−25 29.2	1.561	2.561	4.4	17.3
5 31	16 25.26	−24 28.0	1.531	2.544	1.2	17.0
6 10	16 15.78	−23 20.6	1.528	2.527	5.3	17.3
6 20	16 7.53	−22 12.4	1.550	2.510	9.8	17.5
6 30	16 1.48	−21 9.4	1.596	2.493	13.8	17.7

68857 2002 JF 5 29.6 86°.03 4°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.15	−14 46.3	1.465	2.299	17.6	19.5
5 1	16 51.01	−13 52.2	1.401	2.310	13.8	19.2
5 11	16 44.06	−12 57.6	1.357	2.322	9.6	19.0
5 21	16 35.10	−12 6.3	1.336	2.333	5.7	18.8
5 31	16 25.25	−11 22.9	1.340	2.344	4.6	18.8
6 10	16 15.83	−10 51.6	1.370	2.355	7.8	19.0
6 20	16 7.96	−10 34.9	1.423	2.366	11.8	19.3
6 30	16 2.47	−10 33.8	1.497	2.377	15.6	19.5

469610 2004 HF_{79} 5 29.6 338°.04 0°.0/29.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.61	−21 35.4	41.388	42.185	0.8	22.6
5 1	16 28.93	−21 34.0	41.293	42.184	0.6	22.6
5 11	16 28.17	−21 32.4	41.224	42.184	0.4	22.6
5 21	16 27.36	−21 30.6	41.182	42.184	0.2	22.6
5 31	16 26.52	−21 28.8	41.170	42.183	0.0	22.5
6 10	16 25.68	−21 27.0	41.186	42.183	0.3	22.6
6 20	16 24.88	−21 25.3	41.232	42.183	0.5	22.6
6 30	16 24.14	−21 23.6	41.304	42.182	0.7	22.6

155437 1998 DE 5 29.6 72°.11 2°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.08	−27 16.9	1.699	2.509	16.6	19.8
5 1	16 53.06	−27 26.6	1.640	2.534	13.1	19.7
5 11	16 45.30	−27 27.8	1.601	2.559	9.0	19.5
5 21	16 35.62	−27 19.4	1.586	2.584	4.8	19.3
5 31	16 25.18	−27 1.3	1.597	2.609	2.1	19.1
6 10	16 15.25	−26 36.1	1.636	2.633	5.2	19.4
6 20	16 6.92	−26 7.6	1.700	2.657	9.2	19.7
6 30	16 0.96	−25 40.0	1.787	2.681	12.7	20.0

509307 2006 VX_{167} 5 29.6 172°.09 2°.4/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.09	−14 34.8	3.011	3.811	10.3	23.0
5 1	16 46.44	−14 2.7	2.924	3.815	8.1	22.8
5 11	16 40.33	−13 30.3	2.861	3.818	5.6	22.6
5 21	16 33.19	−12 59.3	2.825	3.820	3.2	22.5
5 31	16 25.57	−12 31.5	2.819	3.822	2.5	22.4
6 10	16 18.08	−12 8.7	2.842	3.824	4.5	22.6
6 20	16 11.30	−11 52.2	2.893	3.825	7.0	22.7
6 30	16 5.72	−11 43.1	2.969	3.825	9.3	22.9

463170 2012 BU_{52} 5 29.6 101°.38 2°.6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.38	−16 7.7	1.636	2.459	16.6	21.5
5 1	16 52.49	−15 53.0	1.570	2.474	13.0	21.3
5 11	16 44.96	−15 38.5	1.525	2.490	8.9	21.1
5 21	16 35.50	−15 25.7	1.504	2.505	4.6	20.9
5 31	16 25.20	−15 16.5	1.510	2.519	2.7	20.8
6 10	16 15.29	−15 12.9	1.541	2.533	6.3	21.0
6 20	16 6.84	−15 16.2	1.598	2.547	10.3	21.3
6 30	16 0.66	−15 27.7	1.678	2.561	14.0	21.6

398894 2013 CO_{116} 5 29.6 128°.07 1°.8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.11	−16 7.7	2.668	3.474	11.3	21.5
5 1	16 46.67	−15 55.5	2.587	3.482	8.8	21.4
5 11	16 40.59	−15 43.3	2.530	3.490	6.0	21.2
5 21	16 33.34	−15 32.0	2.499	3.498	3.1	21.0
5 31	16 25.55	−15 22.9	2.496	3.505	1.9	20.9
6 10	16 17.93	−15 17.3	2.523	3.512	4.3	21.1
6 20	16 11.10	−15 16.2	2.577	3.520	7.2	21.3
6 30	16 5.63	−15 20.6	2.656	3.526	9.8	21.5

183550 2003 HU_{57} 5 29.6 240°.70 1°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.14	−26 16.9	2.406	3.204	12.7	20.3
5 1	16 49.56	−26 47.2	2.313	3.200	10.1	20.1
5 11	16 42.85	−27 13.2	2.242	3.196	7.1	19.9
5 21	16 34.53	−27 33.5	2.196	3.193	3.9	19.7
5 31	16 25.34	−27 46.8	2.179	3.189	1.9	19.5
6 10	16 16.21	−27 53.6	2.190	3.185	4.4	19.7
6 20	16 7.98	−27 55.0	2.228	3.181	7.6	19.9
6 30	16 1.42	−27 53.6	2.292	3.177	10.6	20.1

302075 2000 WK_{101} 5 29.6 131°.88 6°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.02	+ 0 18.7	3.012	3.791	10.8	21.7
5 1	16 45.49	+ 1 33.7	2.949	3.805	9.1	21.6
5 11	16 39.62	+ 2 41.7	2.909	3.819	7.5	21.5
5 21	16 32.82	+ 3 39.2	2.896	3.832	6.6	21.4
5 31	16 25.65	+ 4 23.0	2.910	3.845	6.7	21.4
6 10	16 18.66	+ 4 51.1	2.951	3.857	7.8	21.5
6 20	16 12.37	+ 5 3.2	3.017	3.869	9.3	21.7
6 30	16 7.22	+ 4 59.8	3.106	3.881	10.9	21.8

100207 1994 HB_1 5 29.6 216°.65 2°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.62	−18 20.7	1.823	2.641	15.3	20.7
5 1	16 51.15	−17 50.6	1.733	2.636	12.0	20.4
5 11	16 44.14	−17 17.2	1.665	2.630	8.2	20.2
5 21	16 35.19	−16 42.2	1.622	2.623	4.2	19.9
5 31	16 25.24	−16 7.9	1.605	2.616	2.3	19.8
6 10	16 15.44	−15 37.7	1.616	2.608	6.0	20.0
6 20	16 6.84	−15 14.5	1.652	2.600	10.1	20.2
6 30	16 0.30	−15 0.8	1.712	2.592	13.9	20.4

498490 2008 CV_{134} 5 29.6 36°.48 0°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.52	−22 19.8	1.335	2.176	18.6	21.6
5 1	16 50.23	−22 5.3	1.270	2.185	14.6	21.3
5 11	16 43.82	−21 44.5	1.225	2.194	9.9	21.1
5 21	16 35.08	−21 18.2	1.201	2.204	4.7	20.8
5 31	16 25.28	−20 48.4	1.201	2.215	0.9	20.6
6 10	16 15.91	−20 18.7	1.226	2.226	6.2	21.0
6 20	16 8.25	−19 53.2	1.275	2.237	11.1	21.3
6 30	16 3.23	−19 35.4	1.344	2.249	15.3	21.5

266250 2006 YO_1 5 29.6 109°.10 1°.3/30.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.13	−26 5.6	1.889	2.696	15.3	21.3
5 1	16 52.13	−26 2.1	1.817	2.711	12.0	21.1
5 11	16 44.64	−25 51.1	1.766	2.725	8.3	20.9
5 21	16 35.33	−25 32.0	1.740	2.740	4.2	20.7
5 31	16 25.24	−25 5.5	1.741	2.754	1.3	20.5
6 10	16 15.52	−24 34.1	1.769	2.767	4.9	20.8
6 20	16 7.17	−24 1.4	1.824	2.780	8.8	21.0
6 30	16 0.96	−23 31.2	1.903	2.793	12.2	21.3

56753 2000 OG_6 5 29.6 324°.58 2°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.77	−19 1.3	1.438	2.282	17.3	18.1
5 1	16 47.29	−18 13.8	1.351	2.268	13.7	17.8
5 11	16 41.92	−17 20.0	1.284	2.254	9.4	17.5
5 21	16 34.27	−16 22.7	1.239	2.241	4.8	17.2
5 31	16 25.40	−15 26.3	1.219	2.229	3.0	17.1
6 10	16 16.65	−14 36.1	1.223	2.217	7.2	17.3
6 20	16 9.26	−13 57.0	1.250	2.206	12.0	17.5
6 30	16 4.26	−13 32.5	1.298	2.195	16.3	17.8

338777 2003 US_{271} 5 29.6 187°.26 0°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.99	−24 18.9	2.524	3.320	12.2	21.8
5 1	16 49.98	−24 24.5	2.431	3.320	9.6	21.7
5 11	16 43.01	−24 25.8	2.361	3.319	6.6	21.5
5 21	16 34.56	−24 22.1	2.317	3.317	3.3	21.3
5 31	16 25.38	−24 13.6	2.302	3.315	0.9	21.1
6 10	16 16.31	−24 1.4	2.316	3.312	4.0	21.3
6 20	16 8.15	−23 47.4	2.357	3.309	7.3	21.5
6 30	16 1.56	−23 34.1	2.425	3.306	10.3	21.7

346213 2007 YY_{22} 5 29.6 92°.93 1°.9/29.1 17

4 21	16 54.42	−14 57.2	2.301	3.108	12.9	20.8
5 1	16 49.50	−15 7.6	2.227	3.122	10.1	20.7
5 11	16 42.62	−15 19.9	2.175	3.135	6.9	20.5
5 21	16 34.35	−15 34.5	2.149	3.148	3.6	20.3
5 31	16 25.43	−15 51.7	2.152	3.162	2.0	20.2
6 10	16 16.71	−16 12.0	2.183	3.175	4.7	20.4
6 20	16 8.97	−16 35.6	2.242	3.187	8.0	20.6
6 30	16 2.84	−17 3.0	2.325	3.200	10.9	20.8

114720 2003 GZ_{30} 5 29.6 121°.01 10°.4/ 1.3 17

4 21	17 7.57	−45 48.3	1.953	2.683	17.4	20.0
5 1	17 1.82	−47 35.5	1.879	2.691	15.3	19.9
5 11	16 52.20	−49 7.8	1.825	2.699	13.1	19.7
5 21	16 39.34	−50 16.6	1.792	2.707	11.3	19.6
5 31	16 24.58	−50 55.1	1.783	2.715	10.4	19.6
6 10	16 9.84	−51 1.3	1.799	2.722	10.9	19.6
6 20	15 56.95	−50 38.8	1.837	2.729	12.5	19.7
6 30	15 47.31	−49 55.5	1.897	2.736	14.5	19.9

128548 2004 PY_{72} 5 29.6 217°.48 2°.9/31.1 18

4 21	16 53.30	−32 10.1	2.833	3.610	11.4	20.9
5 1	16 48.62	−32 21.7	2.733	3.604	9.3	20.7
5 11	16 42.08	−32 25.5	2.656	3.597	6.8	20.5
5 21	16 34.13	−32 19.9	2.604	3.590	4.3	20.3
5 31	16 25.47	−32 4.4	2.581	3.583	2.9	20.2
6 10	16 16.91	−31 40.1	2.586	3.576	4.3	20.3
6 20	16 9.19	−31 9.2	2.620	3.568	6.8	20.5
6 30	16 2.96	−30 35.0	2.679	3.561	9.4	20.6

140544 2001 TH_{188} 5 29.6 166°.83 2°.2/30.4 17

4 21	16 56.98	−27 29.0	1.947	2.750	15.0	20.3
5 1	16 52.22	−27 45.4	1.862	2.752	12.0	20.1
5 11	16 44.87	−27 54.8	1.799	2.754	8.4	19.9
5 21	16 35.56	−27 55.3	1.760	2.756	4.6	19.6
5 31	16 25.25	−27 46.3	1.747	2.758	2.2	19.5
6 10	16 15.13	−27 29.1	1.763	2.759	5.1	19.7
6 20	16 6.28	−27 6.8	1.804	2.760	8.9	19.9
6 30	15 59.56	−26 43.2	1.870	2.761	12.4	20.1

356595 2011 TE_{1} 5 29.6 144°.01 8°.3/24.0 18

4 21	16 49.52	+ 8 26.5	3.054	3.804	11.3	21.1
5 1	16 45.14	+ 9 38.2	2.994	3.813	10.0	21.0
5 11	16 39.43	+10 38.8	2.957	3.823	8.9	21.0
5 21	16 32.77	+11 24.7	2.944	3.832	8.3	20.9
5 31	16 25.72	+11 52.8	2.957	3.841	8.5	21.0
6 10	16 18.83	+12 1.9	2.994	3.849	9.2	21.0
6 20	16 12.61	+11 52.1	3.053	3.857	10.4	21.1
6 30	16 7.53	+11 25.0	3.134	3.864	11.7	21.2

123729 2001 AM_{5} 5 29.6 214°.26 3°.5/31.8 18

4 21	16 54.33	−35 54.7	3.002	3.762	11.2	20.4
5 1	16 49.35	−35 57.2	2.899	3.755	9.2	20.2
5 11	16 42.51	−35 49.8	2.819	3.748	7.0	20.0
5 21	16 34.32	−35 30.8	2.764	3.740	4.8	19.9
5 31	16 25.47	−34 59.9	2.737	3.731	3.6	19.8
6 10	16 16.76	−34 18.4	2.739	3.723	4.5	19.8
6 20	16 8.92	−33 29.0	2.770	3.714	6.7	20.0
6 30	16 2.58	−32 35.4	2.826	3.704	9.1	20.1

248166 2004 XX_{2} 5 29.6 213°.00 0°.1/29.6 18

4 21	16 55.34	−21 45.6	2.347	3.149	12.8	21.2
5 1	16 50.45	−21 47.8	2.249	3.142	10.1	21.0
5 11	16 43.45	−21 47.0	2.174	3.135	6.9	20.8
5 21	16 34.84	−21 42.8	2.126	3.127	3.3	20.5
5 31	16 25.38	−21 35.7	2.105	3.119	0.5	20.3
6 10	16 15.99	−21 26.8	2.113	3.110	4.3	20.6
6 20	16 7.52	−21 18.0	2.149	3.100	7.9	20.8
6 30	16 0.71	−21 11.4	2.210	3.090	11.2	21.0

470468 2008 AN_{68} 5 29.6 41°.92 7°.2/ 2.1 16

4 21	16 57.30	−43 14.0	2.290	3.035	14.7	21.0
5 1	16 52.62	−43 52.3	2.204	3.035	12.6	20.9
5 11	16 45.21	−44 15.8	2.137	3.036	10.4	20.7
5 21	16 35.74	−44 20.2	2.093	3.036	8.4	20.6
5 31	16 25.25	−44 3.1	2.074	3.037	7.2	20.5
6 10	16 14.98	−43 25.2	2.080	3.038	7.7	20.6
6 20	16 6.09	−42 30.3	2.112	3.038	9.5	20.7
6 30	15 59.46	−41 24.3	2.168	3.039	11.7	20.8

315594 2008 CL_{130} 5 29.6 314°.51 7°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.64	−41 12.0	2.160	2.920	15.1	20.3
5 1	16 51.50	−41 51.8	2.067	2.912	12.8	20.2
5 11	16 44.58	−42 17.6	1.995	2.905	10.4	20.0
5 21	16 35.50	−42 25.1	1.945	2.898	8.2	19.8
5 31	16 25.28	−42 11.7	1.919	2.892	7.0	19.7
6 10	16 15.20	−41 37.6	1.920	2.885	7.7	19.8
6 20	16 6.44	−40 46.7	1.945	2.879	9.7	19.9
6 30	15 59.95	−39 44.7	1.994	2.872	12.3	20.0

330359 2006 VL_{118} 5 29.6 157°.13 1°.1/29.9 17

4 21	16 56.99	−23 57.3	1.724	2.540	16.1	21.6
5 1	16 52.50	−24 14.7	1.642	2.542	12.8	21.4
5 11	16 45.22	−24 27.5	1.581	2.543	8.8	21.1
5 21	16 35.79	−24 34.3	1.544	2.545	4.4	20.9
5 31	16 25.25	−24 34.6	1.534	2.547	1.2	20.6
6 10	16 14.90	−24 29.5	1.550	2.548	5.3	20.9
6 20	16 5.91	−24 21.4	1.591	2.549	9.7	21.2
6 30	15 59.23	−24 13.9	1.656	2.550	13.5	21.4

476500 2008 GA_{6} 5 29.6 273°.17 1°.5/30.1 18

4 21	16 53.78	−24 52.1	2.397	3.198	12.6	21.5
5 1	16 49.31	−25 21.8	2.301	3.191	10.0	21.3
5 11	16 42.73	−25 48.4	2.227	3.184	6.9	21.1
5 21	16 34.54	−26 10.3	2.179	3.177	3.6	20.8
5 31	16 25.45	−26 26.6	2.159	3.171	1.5	20.7
6 10	16 16.39	−26 37.3	2.167	3.164	4.3	20.9
6 20	16 8.20	−26 43.7	2.203	3.157	7.6	21.1
6 30	16 1.65	−26 47.9	2.264	3.150	10.7	21.2

381584 2008 UU_{254} 5 29.6 309°.14 1°.5/30.1 17

4 21	16 54.73	−24 43.4	1.845	2.660	15.3	21.0
5 1	16 50.66	−25 7.0	1.757	2.656	12.1	20.8
5 11	16 43.95	−25 26.2	1.691	2.652	8.4	20.5
5 21	16 35.20	−25 39.5	1.648	2.648	4.3	20.3
5 31	16 25.35	−25 45.9	1.632	2.644	1.6	20.1
6 10	16 15.59	−25 46.1	1.643	2.641	5.1	20.3
6 20	16 7.03	−25 42.1	1.679	2.637	9.2	20.5
6 30	16 0.61	−25 37.2	1.739	2.634	12.9	20.8

330 Adalberta 5 29.6 226°.61 3°.3/28.4 18 R

4 21	16 55.52	−13 33.5	2.194	3.001	13.4	17.3
5 1	16 50.67	−13 5.9	2.095	2.989	10.7	17.1
5 11	16 43.65	−12 38.8	2.018	2.976	7.5	16.8
5 21	16 34.97	−12 14.3	1.967	2.962	4.4	16.6
5 31	16 25.39	−11 54.5	1.944	2.948	3.5	16.5
6 10	16 15.85	−11 41.9	1.949	2.932	6.1	16.7
6 20	16 7.22	−11 38.0	1.981	2.916	9.5	16.8
6 30	16 0.28	−11 43.9	2.037	2.900	12.7	17.0

491166 2011 SF_{261} 5 29.6 196°.42 1°.6/30.4 18

4 21	16 53.52	−27 28.4	2.925	3.711	10.9	23.2
5 1	16 48.64	−27 37.0	2.827	3.708	8.7	23.0
5 11	16 42.02	−27 40.3	2.753	3.704	6.1	22.8
5 21	16 34.10	−27 37.3	2.705	3.700	3.3	22.6
5 31	16 25.54	−27 28.0	2.686	3.696	1.6	22.5
6 10	16 17.06	−27 13.2	2.696	3.691	3.7	22.6
6 20	16 9.35	−26 54.9	2.735	3.686	6.5	22.8
6 30	16 3.02	−26 35.3	2.800	3.680	9.1	23.0

83714 2001 TU_{86} 5 29.6 353°.91 5°.6/26.7 18

4 21	16 48.40	−12 33.8	1.687	2.524	15.5	18.7
5 1	16 45.53	−11 9.2	1.611	2.520	12.3	18.5
5 11	16 40.33	− 9 43.2	1.556	2.517	9.0	18.3
5 21	16 33.40	− 8 21.3	1.525	2.515	6.2	18.1
5 31	16 25.65	− 7 9.5	1.519	2.513	5.9	18.1
6 10	16 18.14	− 6 13.3	1.539	2.512	8.5	18.2
6 20	16 11.79	− 5 35.8	1.583	2.511	11.9	18.4
6 30	16 7.36	− 5 18.3	1.647	2.512	15.1	18.6

121571 1999 VC_{76} 5 29.6 318°.75 0°.8/29.3 18

4 21	16 50.03	−20 22.4	2.085	2.906	13.5	20.1
5 1	16 46.59	−20 10.7	1.990	2.894	10.6	19.9
5 11	16 40.98	−19 55.8	1.916	2.882	7.2	19.6
5 21	16 33.72	−19 38.4	1.868	2.870	3.5	19.4
5 31	16 25.60	−19 19.9	1.846	2.859	1.1	19.2
6 10	16 17.53	−19 2.2	1.851	2.848	4.8	19.4
6 20	16 10.43	−18 47.5	1.883	2.837	8.6	19.6
6 30	16 5.03	−18 38.1	1.938	2.827	12.1	19.8

376153 2011 BT_{69} 5 29.6 156°.83 1°.3/30.1 17

4 21	16 56.02	−25 35.7	1.804	2.616	15.6	22.0
5 1	16 51.60	−25 37.7	1.721	2.618	12.4	21.8
5 11	16 44.52	−25 32.8	1.660	2.621	8.6	21.6
5 21	16 35.43	−25 20.0	1.622	2.623	4.3	21.3
5 31	16 25.34	−24 59.6	1.611	2.624	1.3	21.1
6 10	16 15.48	−24 33.8	1.627	2.626	5.1	21.4
6 20	16 6.95	−24 6.0	1.669	2.627	9.3	21.6
6 30	16 0.62	−23 40.1	1.735	2.628	13.0	21.9

253671 2003 UB_{201} 5 29.6 292°.37 3°.7/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.73	−16 30.0	1.452	2.291	17.4	20.3
5 1	16 49.62	−15 43.5	1.363	2.276	13.9	20.1
5 11	16 43.55	−14 53.4	1.294	2.262	9.7	19.8
5 21	16 35.12	−14 2.8	1.247	2.247	5.4	19.5
5 31	16 25.38	−13 16.3	1.225	2.233	4.0	19.4
6 10	16 15.70	−12 38.6	1.228	2.218	7.8	19.5
6 20	16 7.38	−12 13.8	1.254	2.204	12.5	19.8
6 30	16 1.48	−12 4.5	1.301	2.190	16.8	20.0

490121 2008 UZ_{79} 5 29.6 270°.32 1°.1/30.1 17

4 21	16 53.63	−26 7.0	1.914	2.727	14.9	21.5
5 1	16 49.63	−25 54.7	1.825	2.722	11.8	21.3
5 11	16 43.13	−25 34.4	1.756	2.717	8.2	21.1
5 21	16 34.76	−25 5.6	1.712	2.713	4.1	20.8
5 31	16 25.45	−24 29.4	1.695	2.708	1.1	20.6
6 10	16 16.31	−23 48.4	1.705	2.703	4.9	20.8
6 20	16 8.37	−23 6.7	1.740	2.698	9.0	21.1
6 30	16 2.47	−22 28.3	1.800	2.694	12.6	21.3

366321 2013 EV_5 5 29.6 75°.61 1°.9/30.2 17

4 21	16 58.04	−26 26.5	1.313	2.143	19.4	21.0
5 1	16 54.01	−26 31.3	1.247	2.154	15.4	20.8
5 11	16 46.53	−26 26.7	1.201	2.165	10.7	20.5
5 21	16 36.46	−26 11.0	1.175	2.176	5.5	20.3
5 31	16 25.19	−25 44.6	1.174	2.187	1.9	20.1
6 10	16 14.40	−25 10.7	1.198	2.198	6.3	20.4
6 20	16 5.54	−24 34.6	1.246	2.209	11.2	20.7
6 30	15 59.62	−24 1.8	1.314	2.220	15.6	21.0

510458 2011 WW_{39} 5 29.6 185°.10 4°.3/27.9 17

4 21	16 51.27	− 8 0.3	2.589	3.391	11.7	22.2
5 1	16 46.87	− 7 36.7	2.504	3.390	9.4	22.1
5 11	16 40.81	− 7 17.5	2.443	3.390	7.0	21.9
5 21	16 33.53	− 7 4.8	2.407	3.390	4.9	21.8
5 31	16 25.66	− 7 0.7	2.399	3.389	4.4	21.7
6 10	16 17.91	− 7 6.3	2.419	3.388	6.1	21.8
6 20	16 10.94	− 7 22.1	2.466	3.386	8.5	22.0
6 30	16 5.30	− 7 47.7	2.537	3.385	11.0	22.2

279122 2009 OO_{23} 5 29.6 273°.44 1°.2/30.0 18

4 21	16 56.19	−24 58.4	1.792	2.605	15.7	21.3
5 1	16 52.13	−25 5.1	1.685	2.583	12.6	21.0
5 11	16 45.21	−25 5.7	1.598	2.559	8.8	20.8
5 21	16 35.93	−24 59.1	1.535	2.536	4.5	20.4
5 31	16 25.24	−24 44.7	1.499	2.512	1.3	20.2
6 10	16 14.42	−24 23.9	1.489	2.487	5.5	20.4
6 20	16 4.73	−23 59.8	1.504	2.462	10.1	20.6
6 30	15 57.28	−23 36.7	1.543	2.437	14.3	20.8

370301 2002 RT_{15} 5 29.6 262°.82 4°.0/30.9 17

4 21	16 57.46	−31 23.0	1.739	2.541	16.6	21.2
5 1	16 53.33	−31 46.2	1.641	2.527	13.5	21.0
5 11	16 46.10	−31 59.4	1.562	2.512	9.9	20.7
5 21	16 36.36	−31 59.0	1.507	2.497	6.2	20.5
5 31	16 25.19	−31 43.0	1.476	2.481	4.0	20.3
6 10	16 14.02	−31 12.4	1.472	2.465	6.3	20.4
6 20	16 4.21	−30 31.2	1.493	2.449	10.3	20.6
6 30	15 56.91	−29 45.4	1.537	2.433	14.3	20.8

95423 2002 CB_{236} 5 29.6 42°.00 10°.2/22.8 18

4 21	16 49.39	+ 2 33.6	2.053	2.850	14.6	18.8
5 1	16 45.68	+ 4 41.5	2.001	2.861	12.6	18.6
5 11	16 40.09	+ 6 38.9	1.971	2.873	11.0	18.5
5 21	16 33.19	+ 8 18.5	1.965	2.885	10.2	18.5
5 31	16 25.74	+ 9 34.2	1.984	2.897	10.5	18.6
6 10	16 18.56	+10 22.7	2.027	2.910	11.8	18.7
6 20	16 12.39	+10 43.6	2.091	2.923	13.6	18.8
6 30	16 7.79	+10 39.2	2.174	2.936	15.3	19.0

62210 2000 SN_{61} 5 29.6 333°.03 1°.3/29.3 18

4 21	16 52.30	−19 44.7	1.580	2.414	16.5	19.4
5 1	16 49.02	−19 31.5	1.497	2.408	13.0	19.1
5 11	16 42.97	−19 15.1	1.434	2.403	8.9	18.9
5 21	16 34.78	−18 56.4	1.395	2.398	4.3	18.6
5 31	16 25.48	−18 37.1	1.380	2.393	1.5	18.4
6 10	16 16.33	−18 20.0	1.391	2.389	6.0	18.7
6 20	16 8.51	−18 7.7	1.427	2.385	10.5	18.9
6 30	16 2.95	−18 2.8	1.484	2.381	14.6	19.2

504589 2008 UY_{28} 5 29.6 244°.07 2°.2/28.7 17

4 21	16 52.59	−18 5.4	1.974	2.794	14.2	21.8
5 1	16 48.57	−17 30.9	1.886	2.790	11.2	21.6
5 11	16 42.31	−16 53.4	1.821	2.785	7.6	21.4
5 21	16 34.35	−16 14.6	1.780	2.781	3.9	21.1
5 31	16 25.56	−15 37.3	1.766	2.776	2.4	21.0
6 10	16 16.93	−15 4.6	1.780	2.771	5.6	21.2
6 20	16 9.37	−14 39.1	1.819	2.766	9.4	21.4
6 30	16 3.65	−14 23.2	1.882	2.762	12.8	21.6

257610 1999 RM_{215} 5 29.6 309°.98 4°.2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.51	−32 2.7	1.326	2.155	19.3	19.3
5 1	16 50.61	−32 3.7	1.217	2.120	16.0	18.9
5 11	16 45.02	−31 48.3	1.126	2.085	11.9	18.6
5 21	16 36.17	−31 12.1	1.055	2.049	7.3	18.2
5 31	16 25.22	−30 12.8	1.006	2.015	4.2	17.9
6 10	16 13.93	−28 52.8	0.981	1.980	7.4	18.0
6 20	16 4.16	−27 19.7	0.979	1.947	12.9	18.2
6 30	15 57.49	−25 44.6	0.996	1.913	18.3	18.3

394768 2008 GB_{32} 5 29.6 42°.14 1°.3/29.3 17

4 21	16 52.37	−17 7.8	2.111	2.927	13.5	20.5
5 1	16 48.18	−17 16.7	2.035	2.936	10.6	20.4
5 11	16 41.91	−17 26.0	1.982	2.945	7.2	20.2
5 21	16 34.12	−17 36.2	1.954	2.955	3.5	19.9
5 31	16 25.61	−17 47.7	1.953	2.965	1.5	19.8
6 10	16 17.28	−18 1.2	1.980	2.975	4.8	20.1
6 20	16 9.99	−18 17.4	2.033	2.985	8.3	20.3
6 30	16 4.40	−18 37.1	2.111	2.995	11.4	20.5

161429 2003 WY_{72} 5 29.6 273°.69 6°.5/31.9 18

4 21	16 57.30	−38 22.0	2.038	2.810	15.5	19.6
5 1	16 52.96	−39 7.3	1.943	2.800	13.0	19.4
5 11	16 45.71	−39 40.3	1.867	2.790	10.3	19.2
5 21	16 36.14	−39 56.6	1.815	2.779	7.8	19.1
5 31	16 25.26	−39 52.7	1.787	2.769	6.5	19.0
6 10	16 14.44	−39 28.9	1.786	2.759	7.5	19.0
6 20	16 4.93	−38 48.3	1.809	2.749	10.0	19.1
6 30	15 57.78	−37 57.0	1.856	2.738	12.9	19.3

151583 2002 TL_{280} 5 29.6 187°.33 1°.9/30.4 18

4 21	16 57.28	−28 8.9	1.931	2.733	15.2	20.2
5 1	16 52.48	−28 3.7	1.843	2.732	12.1	19.9
5 11	16 45.07	−27 49.4	1.776	2.732	8.5	19.7
5 21	16 35.70	−27 24.6	1.733	2.731	4.6	19.5
5 31	16 25.36	−26 49.9	1.718	2.729	1.9	19.3
6 10	16 15.24	−26 7.8	1.730	2.727	5.0	19.5
6 20	16 6.43	−25 22.4	1.769	2.725	9.0	19.7
6 30	15 59.77	−24 38.4	1.831	2.722	12.6	19.9

192649 1999 RV_{78} 5 29.6 233°.36 6°.3/ 1.2 18

4 21	16 59.48	−40 6.2	2.293	3.046	14.5	20.3
5 1	16 54.37	−40 42.6	2.192	3.035	12.3	20.2
5 11	16 46.50	−41 6.1	2.111	3.024	9.8	20.0
5 21	16 36.46	−41 12.7	2.054	3.012	7.6	19.8
5 31	16 25.23	−40 59.3	2.023	2.999	6.4	19.7
6 10	16 14.07	−40 26.3	2.018	2.987	7.1	19.7
6 20	16 4.16	−39 37.0	2.040	2.973	9.4	19.8
6 30	15 56.47	−38 37.2	2.086	2.960	12.0	20.0

488655 2003 SG_{238} 5 29.6 197°.73 1°.9/30.3 17

4 21	16 59.04	−26 52.8	1.970	2.769	15.0	22.4
5 1	16 53.89	−27 4.9	1.878	2.766	12.0	22.2
5 11	16 46.08	−27 10.2	1.807	2.763	8.4	22.0
5 21	16 36.22	−27 6.9	1.761	2.759	4.5	21.7
5 31	16 25.28	−26 54.4	1.743	2.754	1.9	21.5
6 10	16 14.46	−26 34.2	1.752	2.748	5.1	21.7
6 20	16 4.89	−26 9.2	1.788	2.742	9.0	22.0
6 30	15 57.46	−25 43.5	1.848	2.735	12.7	22.2

501262 2013 WU_6 5 29.6 177°.44 2°.1/30.3 17

4 21	16 58.75	−26 47.6	2.452	3.237	12.8	22.4
5 1	16 53.12	−27 19.6	2.359	3.240	10.2	22.2
5 11	16 45.27	−27 46.9	2.290	3.241	7.2	22.0
5 21	16 35.76	−28 7.7	2.248	3.242	4.0	21.8
5 31	16 25.36	−28 20.6	2.234	3.243	2.1	21.6
6 10	16 15.04	−28 25.8	2.249	3.243	4.4	21.8
6 20	16 5.69	−28 25.0	2.292	3.242	7.6	22.0
6 30	15 58.10	−28 20.7	2.361	3.240	10.6	22.2

505235 2012 UQ_{55} 5 29.6 137°.20 1°.0/29.1 18

4 21	16 52.94	−21 8.9	2.401	3.207	12.4	21.6
5 1	16 48.32	−20 32.1	2.320	3.215	9.7	21.4
5 11	16 41.83	−19 50.8	2.261	3.223	6.5	21.2
5 21	16 34.03	−19 6.2	2.229	3.231	3.1	21.0
5 31	16 25.65	−18 20.6	2.226	3.238	1.2	20.9
6 10	16 17.51	−17 36.8	2.251	3.245	4.4	21.1
6 20	16 10.34	−16 57.6	2.304	3.252	7.7	21.3
6 30	16 4.74	−16 25.5	2.382	3.258	10.6	21.5

478234 2011 UM_{335} 5 29.6 176°.94 3°.7/31.1 18

4 21	16 56.98	−34 9.3	3.083	3.842	11.0	22.8
5 1	16 51.44	−34 50.6	2.989	3.844	9.0	22.6
5 11	16 44.00	−35 24.7	2.917	3.845	6.8	22.5
5 21	16 35.12	−35 49.3	2.872	3.847	4.7	22.3
5 31	16 25.47	−36 2.9	2.856	3.847	3.7	22.3
6 10	16 15.87	−36 5.4	2.869	3.847	4.7	22.3
6 20	16 7.08	−35 58.3	2.910	3.847	6.8	22.5
6 30	15 59.75	−35 44.3	2.978	3.846	9.0	22.6

141203 2001 XB_{208} 5 29.6 186°.00 1°.6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.44	−18 53.0	2.540	3.348	11.8	20.5
5 1	16 47.10	−18 15.5	2.451	3.348	9.2	20.3
5 11	16 41.01	−17 34.7	2.385	3.347	6.2	20.1
5 21	16 33.66	−16 52.3	2.346	3.346	3.1	19.9
5 31	16 25.71	−16 10.5	2.335	3.345	1.8	19.8
6 10	16 17.93	−15 31.8	2.354	3.344	4.5	20.0
6 20	16 10.99	−14 58.7	2.399	3.343	7.6	20.2
6 30	16 5.49	−14 33.2	2.470	3.341	10.5	20.3

177850 2005 OM_{24} 5 29.6 319°.60 1°.8/28.9 16

4 21	16 50.20	−18 37.7	1.957	2.782	14.1	20.9
5 1	16 46.81	−18 10.2	1.866	2.772	11.1	20.7
5 11	16 41.19	−17 39.6	1.796	2.762	7.6	20.4
5 21	16 33.87	−17 7.5	1.751	2.753	3.8	20.2
5 31	16 25.67	−16 36.2	1.733	2.744	2.0	20.0
6 10	16 17.58	−16 8.6	1.741	2.735	5.5	20.2
6 20	16 10.51	−15 47.3	1.775	2.726	9.3	20.4
6 30	16 5.23	−15 34.4	1.832	2.718	12.8	20.6

142235 2002 RA_{89} 5 29.6 320°.53 1°.0/29.4 17

4 21	16 50.46	−21 0.4	1.290	2.140	18.6	20.5
5 1	16 48.41	−20 47.1	1.201	2.121	14.8	20.2
5 11	16 43.10	−20 28.3	1.131	2.103	10.2	19.8
5 21	16 35.07	−20 4.8	1.081	2.085	4.9	19.5
5 31	16 25.46	−19 38.4	1.055	2.068	1.4	19.2
6 10	16 15.82	−19 12.7	1.052	2.052	6.9	19.5
6 20	16 7.66	−18 51.9	1.071	2.036	12.4	19.7
6 30	16 2.22	−18 39.8	1.110	2.022	17.3	20.0

302465 2002 EM_{131} 5 29.6 63°.09 2°.7/28.9 17

4 21	16 56.29	−17 13.7	1.313	2.153	18.9	21.1
5 1	16 52.26	−16 50.5	1.256	2.169	14.8	20.9
5 11	16 45.12	−16 26.3	1.217	2.186	10.1	20.7
5 21	16 35.74	−16 3.1	1.201	2.203	5.1	20.4
5 31	16 25.40	−15 43.8	1.209	2.220	2.9	20.3
6 10	16 15.58	−15 31.2	1.242	2.237	7.0	20.6
6 20	16 7.53	−15 27.6	1.298	2.254	11.6	20.9
6 30	16 2.12	−15 34.3	1.375	2.271	15.7	21.2

55383 Cheungkwokwing 5 29.6 289°.82 1°.1/29.2 17

4 21	16 51.51	−19 42.9	2.121	2.938	13.5	19.6
5 1	16 47.66	−19 27.7	2.029	2.931	10.6	19.3
5 11	16 41.68	−19 9.7	1.959	2.923	7.2	19.1
5 21	16 34.08	−18 49.6	1.913	2.915	3.5	18.9
5 31	16 25.64	−18 29.0	1.895	2.908	1.3	18.7
6 10	16 17.31	−18 9.9	1.905	2.900	4.9	18.9
6 20	16 9.95	−17 54.5	1.941	2.893	8.6	19.1
6 30	16 4.29	−17 45.0	2.000	2.886	11.9	19.3

135599 2002 HU 5 29.7 345°.72 6°.3/28.3 18

4 21	16 42.79	−12 10.5	0.946	1.829	21.0	18.3
5 1	16 42.99	−11 34.6	0.875	1.812	17.0	18.0
5 11	16 39.71	−11 2.3	0.821	1.797	12.3	17.7
5 21	16 33.53	−10 39.7	0.784	1.783	7.8	17.4
5 31	16 25.71	−10 32.6	0.767	1.772	6.5	17.3
6 10	16 17.96	−10 45.3	0.770	1.764	10.3	17.4
6 20	16 11.90	−11 18.8	0.791	1.757	15.4	17.7
6 30	16 8.86	−12 11.4	0.829	1.753	20.3	17.9

350991 2003 GQ_{34} 5 29.7 45°.84 3°.2/28.6 17

4 21	16 51.74	−13 23.7	1.934	2.756	14.4	20.5
5 1	16 47.74	−13 7.4	1.868	2.771	11.3	20.4
5 11	16 41.61	−12 53.5	1.824	2.786	7.8	20.2
5 21	16 33.98	−12 43.7	1.805	2.802	4.5	20.0
5 31	16 25.68	−12 39.9	1.813	2.818	3.4	20.0
6 10	16 17.68	−12 43.5	1.847	2.834	5.9	20.2
6 20	16 10.80	−12 55.2	1.906	2.850	9.3	20.4
6 30	16 5.70	−13 15.2	1.989	2.867	12.3	20.6

436309 2010 EL_{96} 5 29.7 16°.18 2°.8/30.5 17

4 21	16 53.80	−27 44.1	1.684	2.502	16.3	21.1
5 1	16 50.18	−28 11.8	1.607	2.505	13.1	20.9
5 11	16 43.75	−28 32.1	1.549	2.508	9.2	20.7
5 21	16 35.16	−28 43.0	1.515	2.512	5.2	20.4
5 31	16 25.48	−28 43.1	1.507	2.516	2.8	20.3
6 10	16 16.01	−28 33.6	1.524	2.520	5.6	20.5
6 20	16 7.94	−28 17.5	1.565	2.526	9.6	20.7
6 30	16 2.19	−27 58.9	1.630	2.531	13.3	21.0

511791 2015 FL_{1} 5 29.7 342°.37 8°.8/31.3 18

4 21	16 57.21	−37 25.8	1.486	2.285	19.0	19.8
5 1	16 54.07	−38 54.9	1.405	2.279	16.1	19.6
5 11	16 47.18	−40 12.6	1.343	2.273	13.0	19.4
5 21	16 37.11	−41 11.2	1.301	2.267	10.1	19.2
5 31	16 25.14	−41 44.0	1.283	2.263	8.8	19.1
6 10	16 13.14	−41 49.0	1.287	2.258	10.0	19.2
6 20	16 2.90	−41 29.2	1.315	2.255	12.8	19.3
6 30	15 55.86	−40 52.4	1.362	2.252	16.1	19.5

506869 2007 XX_{51} 5 29.7 116°.62 2°.7/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.34	−30 53.2	2.343	3.132	13.2	21.9
5 1	16 49.72	−30 59.2	2.260	3.140	10.6	21.7
5 11	16 42.96	−30 56.2	2.199	3.147	7.6	21.5
5 21	16 34.64	−30 43.1	2.163	3.154	4.5	21.4
5 31	16 25.60	−30 19.8	2.155	3.161	2.7	21.3
6 10	16 16.79	−29 47.9	2.174	3.168	4.6	21.4
6 20	16 9.07	−29 10.5	2.221	3.175	7.6	21.6
6 30	16 3.13	−28 31.6	2.293	3.181	10.5	21.8

258956 2002 RK_{245} 5 29.7 321°.83 2°.2/29.2 17

4 21	16 49.70	−17 44.2	1.224	2.080	19.0	20.1
5 1	16 48.03	−17 37.2	1.132	2.055	15.2	19.8
5 11	16 43.02	−17 29.3	1.058	2.031	10.6	19.4
5 21	16 35.13	−17 22.0	1.005	2.008	5.3	19.1
5 31	16 25.48	−17 17.3	0.974	1.986	2.5	18.8
6 10	16 15.63	−17 17.8	0.966	1.965	7.5	19.0
6 20	16 7.20	−17 26.1	0.980	1.945	13.2	19.3
6 30	16 1.56	−17 44.3	1.012	1.926	18.3	19.5

499950 2011 HG_{95} 5 29.7 279°.23 4°.3/28.3 17

4 21	16 53.29	−11 22.4	1.887	2.706	14.8	21.3
5 1	16 49.37	−11 0.7	1.790	2.690	11.9	21.0
5 11	16 43.04	−10 42.2	1.714	2.673	8.5	20.8
5 21	16 34.83	−10 29.5	1.663	2.655	5.4	20.6
5 31	16 25.56	−10 25.0	1.637	2.638	4.4	20.5
6 10	16 16.26	−10 30.8	1.638	2.621	7.1	20.6
6 20	16 7.96	−10 47.8	1.665	2.604	10.7	20.8
6 30	16 1.52	−11 16.3	1.714	2.586	14.2	20.9

80489 2000 AR_{44} 5 29.7 289°.82 1°.8/29.3 17

4 21	16 55.29	−18 11.9	1.308	2.150	18.8	19.3
5 1	16 52.33	−18 9.1	1.213	2.128	15.1	19.0
5 11	16 45.91	−18 5.4	1.136	2.106	10.5	18.7
5 21	16 36.52	−18 1.5	1.080	2.083	5.2	18.3
5 31	16 25.27	−17 58.8	1.048	2.061	2.1	18.0
6 10	16 13.78	−17 59.3	1.040	2.039	7.3	18.3
6 20	16 3.70	−18 5.3	1.055	2.016	13.0	18.5
6 30	15 56.43	−18 19.6	1.090	1.994	18.1	18.7

338104 2002 PP_{200} 5 29.7 223°.00 2°.4/30.6 17

4 21	16 54.88	−28 32.1	2.073	2.874	14.3	21.3
5 1	16 50.53	−28 46.3	1.983	2.872	11.4	21.1
5 11	16 43.75	−28 52.9	1.915	2.869	8.1	20.9
5 21	16 35.12	−28 50.4	1.872	2.867	4.6	20.6
5 31	16 25.54	−28 38.2	1.855	2.864	2.4	20.5
6 10	16 16.10	−28 17.5	1.866	2.862	4.9	20.7
6 20	16 7.81	−27 51.3	1.903	2.859	8.5	20.9
6 30	16 1.48	−27 23.6	1.965	2.856	11.8	21.1

255099 2005 UK_{63} 5 29.7 287°.78 1°.4/28.9 18

4 21	16 50.61	−19 30.1	2.280	3.095	12.7	20.8
5 1	16 46.87	−19 0.6	2.177	3.078	10.0	20.6
5 11	16 41.12	−18 27.3	2.097	3.060	6.8	20.3
5 21	16 33.84	−17 51.5	2.042	3.043	3.4	20.1
5 31	16 25.74	−17 15.1	2.014	3.026	1.6	19.9
6 10	16 17.69	−16 41.0	2.015	3.008	4.9	20.1
6 20	16 10.49	−16 11.7	2.042	2.991	8.4	20.3
6 30	16 4.86	−15 49.6	2.093	2.973	11.7	20.5

250711 2005 RZ_{33} 5 29.7 268°.20 2°.3/30.5 18

4 21	16 53.62	−28 21.1	2.421	3.215	12.7	20.8
5 1	16 49.30	−28 41.6	2.318	3.202	10.2	20.6
5 11	16 42.83	−28 56.2	2.236	3.188	7.3	20.4
5 21	16 34.68	−29 3.2	2.181	3.174	4.2	20.2
5 31	16 25.62	−29 1.9	2.152	3.161	2.3	20.0
6 10	16 16.55	−28 52.9	2.152	3.147	4.5	20.1
6 20	16 8.37	−28 37.9	2.179	3.133	7.7	20.3
6 30	16 1.85	−28 20.2	2.231	3.118	10.8	20.5

405108 2002 CF_{98} 5 29.7 127°.49 13°.3/25.1 18

4 21	16 57.29	+11 33.6	1.822	2.578	17.6	21.2
5 1	16 52.05	+13 7.1	1.776	2.594	15.8	21.1
5 11	16 44.50	+14 20.6	1.749	2.609	14.2	21.0
5 21	16 35.35	+15 6.8	1.742	2.623	13.4	21.0
5 31	16 25.55	+15 20.7	1.757	2.636	13.5	21.0
6 10	16 16.14	+15 1.4	1.794	2.649	14.4	21.1
6 20	16 8.04	+14 11.3	1.852	2.661	15.9	21.2
6 30	16 1.93	+12 55.6	1.927	2.673	17.5	21.4

462599 2009 HB_{38} 5 29.7 27°.55 2°.7/29.2 17

4 21	16 54.49	−15 47.8	1.252	2.099	19.2	21.2
5 1	16 51.23	−15 47.8	1.187	2.104	15.2	20.9
5 11	16 44.72	−15 49.9	1.140	2.110	10.4	20.7
5 21	16 35.71	−15 55.5	1.115	2.117	5.4	20.4
5 31	16 25.48	−16 5.8	1.113	2.124	2.9	20.3
6 10	16 15.57	−16 22.1	1.135	2.132	7.1	20.5
6 20	16 7.38	−16 45.3	1.180	2.140	12.1	20.8
6 30	16 1.92	−17 15.8	1.246	2.149	16.4	21.1

20110 1995 SS_2 5 29.7 193°.53 5°.7/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.08	−37 56.3	2.360	3.117	14.0	18.1
5 1	16 54.64	−38 40.5	2.267	3.115	11.7	18.0
5 11	16 46.60	−39 13.6	2.195	3.113	9.2	17.8
5 21	16 36.52	−39 31.9	2.147	3.110	6.9	17.6
5 31	16 25.35	−39 32.6	2.126	3.107	5.7	17.6
6 10	16 14.27	−39 15.8	2.132	3.103	6.6	17.6
6 20	16 4.38	−38 44.3	2.165	3.099	8.9	17.7
6 30	15 56.60	−38 3.2	2.222	3.094	11.4	17.9

521148 2015 FJ_{406} 5 29.7 81°.72 1°.0/30.0 17

4 21	16 54.59	−24 17.4	1.945	2.757	14.7	21.9
5 1	16 50.31	−24 28.8	1.863	2.761	11.6	21.7
5 11	16 43.60	−24 35.3	1.803	2.764	8.0	21.4
5 21	16 35.05	−24 36.1	1.767	2.767	4.0	21.2
5 31	16 25.59	−24 31.0	1.757	2.770	1.1	21.0
6 10	16 16.31	−24 21.5	1.775	2.774	4.8	21.3
6 20	16 8.22	−24 9.8	1.819	2.777	8.7	21.5
6 30	16 2.12	−23 58.9	1.887	2.780	12.2	21.7

132072 2002 CU_{159} 5 29.7 335°.94 6°.6/27.5 18

4 21	16 50.99	− 7 51.6	1.634	2.464	16.2	19.5
5 1	16 47.72	− 7 2.3	1.557	2.458	13.2	19.3
5 11	16 41.96	− 6 18.4	1.499	2.453	9.9	19.1
5 21	16 34.31	− 5 44.5	1.465	2.448	7.2	18.9
5 31	16 25.70	− 5 25.0	1.455	2.444	6.8	18.9
6 10	16 17.26	− 5 22.8	1.470	2.440	9.1	19.0
6 20	16 10.00	− 5 38.8	1.508	2.437	12.4	19.2
6 30	16 4.76	− 6 11.9	1.567	2.433	15.7	19.4

141230 2001 XS_{234} 5 29.7 239°.06 1°.6/30.5 17

4 21	16 52.94	−28 9.6	2.380	3.177	12.8	20.4
5 1	16 48.64	−27 58.7	2.284	3.171	10.2	20.3
5 11	16 42.27	−27 39.8	2.210	3.165	7.1	20.0
5 21	16 34.37	−27 12.3	2.162	3.159	3.8	19.8
5 31	16 25.71	−26 36.9	2.141	3.153	1.6	19.7
6 10	16 17.19	−25 55.8	2.149	3.146	4.2	19.8
6 20	16 9.65	−25 12.1	2.184	3.140	7.6	20.0
6 30	16 3.78	−24 29.5	2.244	3.133	10.7	20.2

41687 2000 UY_{16} 5 29.7 139°.15 1°.0/29.3 18

4 21	16 57.21	−21 18.0	1.669	2.489	16.4	19.5
5 1	16 52.57	−20 51.9	1.593	2.496	12.9	19.3
5 11	16 45.19	−20 20.3	1.538	2.503	8.7	19.0
5 21	16 35.81	−19 44.3	1.507	2.510	4.2	18.8
5 31	16 25.50	−19 6.2	1.503	2.516	1.3	18.6
6 10	16 15.51	−18 29.6	1.525	2.522	5.7	18.9
6 20	16 6.97	−17 58.0	1.573	2.527	10.1	19.1
6 30	16 0.71	−17 34.7	1.644	2.532	13.9	19.4

98381 2000 TP_{37} 5 29.7 263°.48 0°.5/29.8 18

4 21	16 57.82	−22 22.7	1.629	2.449	16.7	19.5
5 1	16 53.68	−22 35.7	1.528	2.430	13.4	19.2
5 11	16 46.46	−22 45.4	1.448	2.411	9.3	18.9
5 21	16 36.67	−22 50.7	1.390	2.392	4.5	18.6
5 31	16 25.34	−22 50.9	1.359	2.372	0.8	18.3
6 10	16 13.86	−22 47.0	1.354	2.352	5.9	18.6
6 20	16 3.62	−22 41.4	1.373	2.332	10.9	18.8
6 30	15 55.83	−22 37.6	1.416	2.311	15.3	19.0

417972 2007 TW_{156} 5 29.7 307°.18 1°.1/29.9 17

4 21	16 52.23	−24 52.7	1.258	2.103	19.3	21.0
5 1	16 50.31	−24 51.5	1.156	2.073	15.6	20.7
5 11	16 44.80	−24 41.5	1.073	2.042	11.0	20.3
5 21	16 36.13	−24 21.1	1.009	2.012	5.5	19.9
5 31	16 25.41	−23 50.2	0.969	1.982	1.3	19.5
6 10	16 14.34	−23 11.5	0.951	1.953	7.0	19.8
6 20	16 4.71	−22 30.4	0.956	1.924	13.1	20.0
6 30	15 58.06	−21 53.8	0.980	1.896	18.6	20.2

189189 2003 FN_{20} 5 29.7 340°.34 7°.9/30.5 17

4 21	16 57.42	−33 40.7	1.429	2.241	19.1	19.0
5 1	16 54.33	−35 22.3	1.346	2.232	15.9	18.8
5 11	16 47.48	−36 57.3	1.283	2.224	12.4	18.5
5 21	16 37.37	−38 17.9	1.240	2.217	9.3	18.3
5 31	16 25.22	−39 16.3	1.222	2.210	7.9	18.2
6 10	16 12.88	−39 48.9	1.227	2.204	9.6	18.3
6 20	16 2.20	−39 57.4	1.254	2.199	12.9	18.5
6 30	15 54.71	−39 48.1	1.302	2.195	16.5	18.7

508152 2015 FM_{157} 5 29.7 39°.68 2°.6/30.3 17

4 21	16 56.11	−26 20.1	1.738	2.552	16.1	21.1
5 1	16 51.90	−27 1.9	1.662	2.559	12.8	20.9
5 11	16 44.90	−27 38.7	1.607	2.566	9.0	20.7
5 21	16 35.76	−28 7.7	1.576	2.573	5.0	20.5
5 31	16 25.52	−28 27.0	1.571	2.580	2.6	20.3
6 10	16 15.48	−28 36.8	1.592	2.588	5.5	20.5
6 20	16 6.81	−28 39.0	1.638	2.596	9.5	20.8
6 30	16 0.44	−28 37.3	1.708	2.604	13.1	21.0

144423 2004 ET_{18} 5 29.7 312°.78 6°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.94	− 6 29.4	1.950	2.768	14.4	19.9
5 1	16 46.52	− 5 35.6	1.865	2.759	11.8	19.7
5 11	16 40.97	− 4 46.8	1.802	2.749	9.0	19.5
5 21	16 33.82	− 4 7.3	1.763	2.740	6.9	19.3
5 31	16 25.84	− 3 41.4	1.749	2.731	6.7	19.3
6 10	16 17.96	− 3 31.8	1.761	2.722	8.6	19.4
6 20	16 11.05	− 3 39.5	1.797	2.713	11.4	19.5
6 30	16 5.84	− 4 4.1	1.855	2.705	14.3	19.7

373394 1990 TQ_9 5 29.7 232°.08 3°.8/30.9 17

4 21	16 59.47	−31 55.5	2.142	2.924	14.5	21.8
5 1	16 54.34	−32 23.0	2.038	2.911	11.8	21.6
5 11	16 46.54	−32 41.8	1.955	2.897	8.7	21.4
5 21	16 36.58	−32 49.0	1.897	2.883	5.6	21.1
5 31	16 25.41	−32 42.4	1.865	2.867	3.8	21.0
6 10	16 14.21	−32 22.5	1.862	2.852	5.7	21.1
6 20	16 4.14	−31 52.1	1.886	2.835	9.0	21.2
6 30	15 56.18	−31 16.0	1.934	2.818	12.4	21.4

69760 1998 PR 5 29.7 220°.62 2°.3/30.6 18

4 21	16 55.08	−28 29.4	2.113	2.912	14.1	19.2
5 1	16 50.66	−28 38.6	2.021	2.909	11.3	19.0
5 11	16 43.84	−28 40.0	1.951	2.905	8.0	18.8
5 21	16 35.20	−28 32.3	1.906	2.901	4.5	18.6
5 31	16 25.63	−28 15.0	1.887	2.897	2.3	18.4
6 10	16 16.19	−27 49.7	1.896	2.893	4.8	18.6
6 20	16 7.87	−27 19.4	1.932	2.888	8.4	18.8
6 30	16 1.49	−26 48.1	1.992	2.883	11.7	19.0

279622 2011 EX_{42} 5 29.7 99°.80 2°.3/28.9 17

4 21	16 55.71	−16 35.3	1.889	2.706	14.9	21.2
5 1	16 50.92	−16 16.2	1.821	2.722	11.6	21.0
5 11	16 43.83	−15 56.5	1.775	2.738	7.9	20.8
5 21	16 35.11	−15 37.9	1.753	2.753	4.1	20.6
5 31	16 25.67	−15 22.2	1.759	2.768	2.5	20.5
6 10	16 16.56	−15 11.4	1.792	2.783	5.6	20.7
6 20	16 8.69	−15 7.2	1.851	2.798	9.3	21.0
6 30	16 2.78	−15 10.8	1.934	2.812	12.6	21.2

164234 2004 TJ_5 5 29.7 275°.70 3°.6/28.3 17

4 21	16 54.98	−16 45.6	1.515	2.347	17.2	20.6
5 1	16 51.48	−15 57.9	1.415	2.325	13.7	20.3
5 11	16 44.96	−15 5.5	1.335	2.302	9.6	20.0
5 21	16 35.96	−14 11.2	1.279	2.278	5.4	19.7
5 31	16 25.49	−13 19.5	1.247	2.254	3.9	19.5
6 10	16 14.93	−12 35.4	1.241	2.230	7.8	19.7
6 20	16 5.62	−12 3.5	1.258	2.206	12.6	19.9
6 30	15 58.71	−11 47.0	1.297	2.181	17.1	20.1

395873 2013 AQ_{25} 5 29.7 66°.67 0°.1/29.7 17

4 21	16 52.47	−23 7.9	2.108	2.920	13.7	20.9
5 1	16 48.30	−22 50.4	2.033	2.932	10.7	20.8
5 11	16 42.02	−22 27.7	1.981	2.944	7.2	20.6
5 21	16 34.24	−22 0.2	1.953	2.955	3.4	20.3
5 31	16 25.80	−21 29.6	1.954	2.967	0.5	20.1
6 10	16 17.63	−20 58.3	1.981	2.979	4.4	20.4
6 20	16 10.58	−20 29.1	2.036	2.991	8.1	20.7
6 30	16 5.29	−20 4.7	2.115	3.003	11.3	20.9

110034 2001 SS_{76} 5 29.7 312°.05 1°.3/29.3 17

4 21	16 51.99	−21 39.5	1.211	2.063	19.5	19.8
5 1	16 49.80	−21 8.9	1.127	2.048	15.5	19.5
5 11	16 44.15	−20 29.8	1.061	2.033	10.7	19.1
5 21	16 35.65	−19 43.6	1.015	2.019	5.1	18.8
5 31	16 25.55	−18 53.4	0.992	2.005	1.7	18.5
6 10	16 15.51	−18 4.7	0.993	1.992	7.3	18.8
6 20	16 7.12	−17 23.4	1.015	1.980	13.0	19.1
6 30	16 1.62	−16 54.6	1.057	1.968	18.0	19.3

40034 1998 KB_{11} 5 29.7 51°.03 3°.6/29.1 18

4 21	16 55.93	−10 3.4	1.915	2.727	14.9	17.7
5 1	16 51.00	−10 19.7	1.852	2.747	11.8	17.5
5 11	16 43.85	−10 42.4	1.812	2.768	8.3	17.4
5 21	16 35.12	−11 12.4	1.796	2.789	4.9	17.2
5 31	16 25.70	−11 49.8	1.807	2.811	3.7	17.2
6 10	16 16.59	−12 33.9	1.846	2.832	6.0	17.4
6 20	16 8.68	−13 23.9	1.911	2.854	9.3	17.6
6 30	16 2.66	−14 18.5	2.001	2.876	12.4	17.8

110490 2001 TZ_{62} 5 29.7 143°.13 2°.7/28.9 17

4 21	16 56.65	−17 29.0	1.476	2.307	17.6	19.9
5 1	16 52.50	−17 0.2	1.402	2.311	13.9	19.6
5 11	16 45.38	−16 29.1	1.348	2.314	9.5	19.4
5 21	16 36.02	−15 57.9	1.316	2.317	4.9	19.1
5 31	16 25.57	−15 29.5	1.310	2.320	2.9	19.0
6 10	16 15.41	−15 7.2	1.329	2.323	6.8	19.3
6 20	16 6.78	−14 54.0	1.373	2.325	11.4	19.5
6 30	16 0.62	−14 51.9	1.438	2.327	15.5	19.8

173588 2001 DK_9 5 29.7 172°35 2°3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.11	−26 50.7	1.752	2.559	16.3	20.8
5 1	16 54.29	−27 12.9	1.669	2.561	13.0	20.6
5 11	16 46.57	−27 28.4	1.606	2.563	9.1	20.4
5 21	16 36.60	−27 35.0	1.567	2.564	4.9	20.1
5 31	16 25.48	−27 31.5	1.554	2.565	2.3	20.0
6 10	16 14.53	−27 19.0	1.569	2.566	5.5	20.2
6 20	16 5.00	−27 0.6	1.609	2.566	9.7	20.4
6 30	15 57.85	−26 40.8	1.673	2.566	13.5	20.6

510562 2012 PG_{12} 5 29.7 321°32 12°8/22.8 17

4 21	16 47.92	+ 2 19.4	1.496	2.317	17.9	20.4
5 1	16 45.67	+ 4 17.9	1.417	2.297	15.7	20.2
5 11	16 40.82	+ 6 6.6	1.359	2.277	13.8	20.0
5 21	16 33.91	+ 7 35.7	1.321	2.257	12.8	19.9
5 31	16 25.88	+ 8 35.9	1.305	2.238	13.3	19.9
6 10	16 17.88	+ 9 1.3	1.310	2.220	15.1	20.0
6 20	16 11.03	+ 8 50.5	1.333	2.203	17.6	20.1
6 30	16 6.26	+ 8 6.2	1.374	2.186	20.3	20.2

95387 2002 CN_{171} 5 29.7 108°69 1°8/29.1 18

4 21	16 55.81	−17 21.8	1.986	2.799	14.4	20.0
5 1	16 50.95	−17 11.0	1.915	2.814	11.3	19.9
5 11	16 43.85	−16 59.6	1.865	2.828	7.6	19.7
5 21	16 35.15	−16 48.4	1.841	2.842	3.8	19.4
5 31	16 25.72	−16 38.9	1.844	2.855	1.9	19.3
6 10	16 16.59	−16 32.7	1.875	2.869	5.2	19.6
6 20	16 8.64	−16 31.2	1.933	2.881	8.9	19.8
6 30	16 2.56	−16 36.0	2.014	2.894	12.1	20.1

192353 1995 TS_1 5 29.7 330°17 7°1/31.2 18

4 21	16 54.86	−34 44.7	1.519	2.328	18.3	19.4
5 1	16 52.03	−35 53.8	1.431	2.315	15.3	19.1
5 11	16 45.72	−36 53.1	1.361	2.302	11.9	18.9
5 21	16 36.48	−37 36.4	1.313	2.291	8.7	18.7
5 31	16 25.48	−37 58.3	1.288	2.280	7.1	18.6
6 10	16 14.39	−37 57.6	1.287	2.269	8.6	18.6
6 20	16 4.86	−37 37.1	1.309	2.260	12.0	18.8
6 30	15 58.24	−37 3.4	1.352	2.251	15.6	19.0

507178 2010 HO_{22} 5 29.7 239°96 3°8/27.3 18

4 21	16 45.48	− 1 4.1	4.545	5.320	7.5	20.7
5 1	16 41.73	− 0 54.6	4.458	5.318	6.2	20.6
5 11	16 37.08	− 0 50.4	4.396	5.316	4.9	20.5
5 21	16 31.81	− 0 52.7	4.360	5.314	4.0	20.4
5 31	16 26.24	− 1 2.5	4.353	5.312	3.9	20.4
6 10	16 20.72	− 1 20.2	4.374	5.310	4.7	20.4
6 20	16 15.60	− 1 45.8	4.422	5.308	5.9	20.5
6 30	16 11.17	− 2 18.7	4.496	5.306	7.2	20.6

392148 2009 HF_{39} 5 29.7 79°40 4°7/27.8 17

4 21	16 51.16	− 9 11.8	2.212	3.024	13.1	21.2
5 1	16 47.07	− 8 35.4	2.140	3.033	10.5	21.0
5 11	16 41.11	− 8 2.9	2.090	3.041	7.7	20.9
5 21	16 33.83	− 7 37.2	2.065	3.050	5.3	20.7
5 31	16 25.94	− 7 20.9	2.067	3.058	4.8	20.7
6 10	16 18.26	− 7 15.7	2.096	3.067	6.7	20.8
6 20	16 11.52	− 7 22.4	2.150	3.075	9.4	21.0
6 30	16 6.33	− 7 40.8	2.228	3.084	12.0	21.2

239997 2001 SU_{215} 5 29.7 326°26 6°5/26.9 16

4 21	16 49.64	− 7 20.2	1.846	2.670	14.9	20.6
5 1	16 46.42	− 6 21.9	1.763	2.661	12.1	20.4
5 11	16 40.99	− 5 27.9	1.702	2.652	9.3	20.2
5 21	16 33.89	− 4 43.0	1.665	2.644	7.0	20.0
5 31	16 25.93	− 4 11.6	1.653	2.637	6.7	20.0
6 10	16 18.10	− 3 56.9	1.666	2.629	8.8	20.1
6 20	16 11.29	− 4 0.2	1.703	2.622	11.7	20.3
6 30	16 6.26	− 4 21.1	1.761	2.616	14.7	20.4

249008 2007 QJ 5 29.7 317°10 6°2/31.9 17

4 21	16 53.61	−36 27.2	1.651	2.451	17.4	19.7
5 1	16 50.73	−36 55.0	1.553	2.432	14.6	19.4
5 11	16 44.62	−37 8.3	1.474	2.413	11.3	19.2
5 21	16 35.87	−37 2.6	1.417	2.395	8.1	18.9
5 31	16 25.62	−36 35.0	1.383	2.378	6.2	18.8
6 10	16 15.39	−35 46.5	1.374	2.360	7.6	18.8
6 20	16 6.63	−34 42.0	1.388	2.344	11.0	18.9
6 30	16 0.54	−33 29.4	1.425	2.328	14.7	19.1

67710 2000 TO_{67} 5 29.7 323°49 0°7/29.5 17

4 21	16 51.66	−22 32.9	1.249	2.098	19.1	19.4
5 1	16 49.44	−22 9.9	1.166	2.085	15.2	19.1
5 11	16 43.84	−21 38.4	1.102	2.074	10.5	18.8
5 21	16 35.51	−20 59.4	1.059	2.063	5.0	18.4
5 31	16 25.69	−20 15.5	1.039	2.052	1.1	18.1
6 10	16 15.98	−19 31.3	1.042	2.043	6.8	18.5
6 20	16 7.90	−18 52.3	1.068	2.033	12.4	18.7
6 30	16 2.63	−18 23.5	1.114	2.025	17.2	19.0

181475 2006 TL_{80} 5 29.7 251°73 4°4/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.69	−33 46.2	2.287	3.068	13.7	20.4
5 1	16 51.19	−34 23.0	2.194	3.064	11.3	20.2
5 11	16 44.27	−34 51.0	2.123	3.060	8.5	20.0
5 21	16 35.49	−35 7.2	2.076	3.055	5.8	19.9
5 31	16 25.71	−35 9.6	2.056	3.051	4.4	19.8
6 10	16 15.99	−34 58.6	2.062	3.047	5.7	19.8
6 20	16 7.35	−34 36.5	2.096	3.042	8.4	20.0
6 30	16 0.63	−34 7.6	2.154	3.038	11.3	20.2

384246 2009 DJ_{123} 5 29.7 23°05 3°0/29.1 16

4 21	16 51.52	−14 7.5	1.537	2.375	16.7	20.4
5 1	16 48.23	−14 8.0	1.475	2.387	13.1	20.2
5 11	16 42.34	−14 11.9	1.432	2.399	9.1	20.0
5 21	16 34.54	−14 20.4	1.413	2.413	4.9	19.8
5 31	16 25.87	−14 34.8	1.418	2.427	3.1	19.7
6 10	16 17.52	−14 55.8	1.449	2.443	6.4	19.9
6 20	16 10.54	−15 23.6	1.504	2.459	10.4	20.2
6 30	16 5.73	−15 58.0	1.581	2.476	14.0	20.5

354510 2004 PV_{66} 5 29.7 298°10 12°5/24.3 18

4 21	16 53.39	+16 12.6	2.306	3.029	15.2	20.0
5 1	16 48.98	+17 5.7	2.222	3.007	14.0	19.8
5 11	16 42.56	+17 40.2	2.157	2.986	13.1	19.7
5 21	16 34.61	+17 50.3	2.112	2.964	12.5	19.6
5 31	16 25.85	+17 31.5	2.088	2.943	12.7	19.6
6 10	16 17.13	+16 42.1	2.087	2.921	13.5	19.6
6 20	16 9.26	+15 23.8	2.106	2.900	14.8	19.7
6 30	16 2.94	+13 40.3	2.145	2.878	16.3	19.7

385886 2006 SF_{157} 5 29.7 153°69 2°6/30.8 17

4 21	16 54.80	−29 42.3	2.416	3.205	12.8	21.6
5 1	16 50.12	−29 58.0	2.329	3.209	10.3	21.4
5 11	16 43.32	−30 6.3	2.264	3.212	7.4	21.2
5 21	16 34.95	−30 5.8	2.224	3.216	4.3	21.1
5 31	16 25.81	−29 55.9	2.212	3.219	2.6	20.9
6 10	16 16.82	−29 37.8	2.228	3.221	4.5	21.1
6 20	16 8.85	−29 13.8	2.271	3.224	7.5	21.3
6 30	16 2.59	−28 47.4	2.340	3.226	10.4	21.5

374943 2007 BX_{49} 5 29.7 171°00 7°2/27.1 17

4 21	16 54.36	− 3 55.2	1.958	2.762	14.9	21.7
5 1	16 49.85	− 3 2.8	1.883	2.765	12.3	21.5
5 11	16 43.16	− 2 17.9	1.830	2.767	9.6	21.4
5 21	16 34.87	− 1 45.0	1.800	2.768	7.6	21.2
5 31	16 25.82	− 1 28.1	1.797	2.769	7.4	21.2
6 10	16 16.97	− 1 29.2	1.819	2.770	9.1	21.3
6 20	16 9.18	− 1 48.5	1.866	2.771	11.7	21.5
6 30	16 3.18	− 2 24.5	1.935	2.771	14.4	21.7

507605 2013 CE_{35} 5 29.7 143°06 2°5/31.1 18

4 21	16 54.14	−31 41.8	2.849	3.625	11.4	21.7
5 1	16 49.19	−31 41.3	2.763	3.634	9.2	21.5
5 11	16 42.46	−31 32.6	2.699	3.642	6.6	21.4
5 21	16 34.46	−31 14.6	2.662	3.651	4.0	21.2
5 31	16 25.90	−30 47.6	2.654	3.658	2.5	21.1
6 10	16 17.54	−30 13.1	2.674	3.666	4.0	21.2
6 20	16 10.09	−29 33.8	2.723	3.673	6.5	21.4
6 30	16 4.13	−28 52.8	2.797	3.680	9.0	21.6

315278 2007 TS_{107} 5 29.7 198°47 2°4/28.8 17

4 21	16 56.86	−18 3.0	1.769	2.587	15.7	21.9
5 1	16 52.25	−17 27.4	1.683	2.585	12.4	21.6
5 11	16 45.04	−16 48.3	1.619	2.582	8.5	21.4
5 21	16 35.86	−16 7.8	1.578	2.579	4.4	21.1
5 31	16 25.68	−15 28.7	1.565	2.575	2.6	21.0
6 10	16 15.68	−14 54.6	1.579	2.570	6.2	21.2
6 20	16 6.95	−14 28.5	1.618	2.565	10.4	21.5
6 30	16 0.35	−14 13.1	1.680	2.560	14.1	21.7

282996 2007 TP_{283} 5 29.7 303°30 5°9/26.8 16

4 21	16 50.16	−10 38.6	1.797	2.625	15.1	20.8
5 1	16 47.03	− 9 26.5	1.702	2.605	12.2	20.6
5 11	16 41.55	− 8 14.0	1.629	2.586	9.1	20.3
5 21	16 34.23	− 7 5.9	1.580	2.566	6.5	20.1
5 31	16 25.91	− 6 7.8	1.557	2.547	6.2	20.1
6 10	16 17.62	− 5 24.6	1.559	2.528	8.7	20.2
6 20	16 10.35	− 4 59.5	1.585	2.510	12.1	20.3
6 30	16 4.93	− 4 53.6	1.632	2.491	15.5	20.5

73195 2002 JQ_{10} 5 29.7 317°58 6°0/27.9 17

4 21	16 52.31	−10 59.9	1.354	2.197	18.3	19.1
5 1	16 49.44	−10 14.3	1.275	2.187	14.7	18.9
5 11	16 43.55	− 9 31.7	1.215	2.178	10.7	18.6
5 21	16 35.30	− 8 56.9	1.177	2.169	7.1	18.4
5 31	16 25.76	− 8 34.8	1.162	2.161	6.3	18.3
6 10	16 16.34	− 8 29.2	1.170	2.153	9.3	18.4
6 20	16 8.33	− 8 41.6	1.201	2.145	13.5	18.6
6 30	16 2.78	− 9 11.8	1.252	2.138	17.5	18.9

497070 2003 UP_{232} 5 29.7 234.°44 0.°3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.82	−23 42.1	1.909	2.717	15.1	23.0
5 1	16 53.11	−23 33.7	1.809	2.704	12.0	22.8
5 11	16 45.73	−23 19.1	1.729	2.690	8.3	22.5
5 21	16 36.26	−22 58.0	1.675	2.676	4.0	22.2
5 31	16 25.62	−22 31.1	1.647	2.661	0.6	21.9
6 10	16 15.01	−22 0.5	1.647	2.645	5.2	22.2
6 20	16 5.55	−21 29.6	1.674	2.629	9.5	22.4
6 30	15 58.19	−21 2.4	1.724	2.611	13.4	22.6

345719 2006 XT_{10} 5 29.7 53.°57 6.°8/ 3.5 18

4 21	16 59.43	−45 8.8	2.186	2.922	15.6	19.7
5 1	16 54.09	−45 2.6	2.112	2.939	13.3	19.5
5 11	16 46.06	−44 36.9	2.058	2.955	10.8	19.4
5 21	16 36.20	−43 48.9	2.025	2.972	8.4	19.3
5 31	16 25.69	−42 38.1	2.019	2.989	6.9	19.2
6 10	16 15.82	−41 8.0	2.039	3.006	7.2	19.3
6 20	16 7.61	−39 24.9	2.086	3.023	9.0	19.4
6 30	16 1.76	−37 36.6	2.158	3.040	11.4	19.6

204751 2006 JN_{18} 5 29.7 273.°96 0.°7/29.5 17

4 21	16 54.20	−19 33.8	1.967	2.783	14.4	20.3
5 1	16 50.04	−19 40.4	1.877	2.778	11.3	20.1
5 11	16 43.51	−19 45.7	1.809	2.773	7.7	19.9
5 21	16 35.15	−19 49.8	1.766	2.768	3.7	19.6
5 31	16 25.82	−19 52.9	1.749	2.763	0.9	19.4
6 10	16 16.57	−19 56.1	1.760	2.757	5.0	19.6
6 20	16 8.37	−20 1.0	1.797	2.752	9.0	19.9
6 30	16 2.07	−20 9.1	1.858	2.747	12.5	20.1

374445 2005 WW_{195} 5 29.7 137.°61 2.°2/30.7 17

4 21	16 56.92	−29 9.7	2.113	2.907	14.3	21.3
5 1	16 51.97	−29 10.4	2.032	2.916	11.4	21.2
5 11	16 44.65	−29 2.3	1.972	2.924	8.0	21.0
5 21	16 35.61	−28 44.2	1.937	2.932	4.5	20.8
5 31	16 25.77	−28 16.2	1.930	2.940	2.2	20.6
6 10	16 16.20	−27 40.5	1.951	2.947	4.7	20.8
6 20	16 7.86	−27 0.6	1.998	2.954	8.2	21.0
6 30	16 1.49	−26 20.9	2.071	2.960	11.4	21.2

434263 2003 UL_{250} 5 29.7 161.°78 0.°1/29.7 18

4 21	16 54.25	−23 32.3	2.364	3.166	12.7	21.5
5 1	16 49.53	−23 7.8	2.278	3.171	10.0	21.3
5 11	16 42.83	−22 37.6	2.214	3.175	6.8	21.1
5 21	16 34.70	−22 2.2	2.177	3.178	3.2	20.9
5 31	16 25.91	−21 23.2	2.168	3.182	0.5	20.7
6 10	16 17.33	−20 43.2	2.188	3.184	4.2	21.0
6 20	16 9.75	−20 5.1	2.235	3.187	7.6	21.2
6 30	16 3.80	−19 31.8	2.307	3.189	10.7	21.4

358414 2007 CS_{20} 5 29.7 218.°42 3.°1/31.3 18

4 21	16 53.74	−32 39.0	2.635	3.413	12.2	21.2
5 1	16 49.21	−32 47.6	2.538	3.409	9.9	21.0
5 11	16 42.68	−32 47.2	2.463	3.405	7.3	20.8
5 21	16 34.67	−32 36.5	2.414	3.400	4.6	20.7
5 31	16 25.90	−32 15.0	2.393	3.395	3.1	20.6
6 10	16 17.26	−31 44.0	2.400	3.390	4.5	20.6
6 20	16 9.55	−31 6.1	2.434	3.385	7.2	20.8
6 30	16 3.44	−30 25.1	2.494	3.379	9.9	21.0

394312 2006 WC_{16} 5 29.7 166.°68 2.°6/30.7 17

4 21	16 55.10	−29 2.0	2.507	3.295	12.5	22.0
5 1	16 50.32	−29 29.3	2.418	3.297	10.0	21.9
5 11	16 43.47	−29 50.6	2.350	3.299	7.1	21.7
5 21	16 35.06	−30 4.1	2.309	3.301	4.2	21.5
5 31	16 25.85	−30 8.8	2.296	3.302	2.6	21.4
6 10	16 16.73	−30 5.2	2.310	3.303	4.4	21.5
6 20	16 8.56	−29 55.2	2.353	3.304	7.4	21.7
6 30	16 2.03	−29 41.5	2.421	3.305	10.2	21.9

471696 2012 TH_{242} 5 29.7 245.°19 2.°6/28.6 17

4 21	16 52.71	−16 10.2	2.129	2.945	13.5	21.5
5 1	16 48.61	−15 38.5	2.036	2.936	10.6	21.3
5 11	16 42.39	−15 5.3	1.965	2.927	7.4	21.0
5 21	16 34.57	−14 32.5	1.920	2.918	4.0	20.8
5 31	16 25.92	−14 2.7	1.901	2.909	2.8	20.7
6 10	16 17.37	−13 38.4	1.911	2.899	5.6	20.9
6 20	16 9.76	−13 21.8	1.946	2.889	9.1	21.1
6 30	16 3.84	−13 14.6	2.006	2.880	12.4	21.2

177713 2005 GZ_{140} 5 29.7 344.°74 9.°5/30.2 18

4 21	16 49.12	−32 30.0	1.034	1.886	22.0	18.9
5 1	16 48.93	−34 27.3	0.958	1.869	18.5	18.6
5 11	16 44.54	−36 19.7	0.898	1.854	14.6	18.3
5 21	16 36.33	−37 57.7	0.857	1.840	11.0	18.1
5 31	16 25.60	−39 10.7	0.835	1.828	9.5	17.9
6 10	16 14.54	−39 52.8	0.834	1.819	11.5	18.0
6 20	16 5.47	−40 5.0	0.852	1.812	15.5	18.2
6 30	16 0.30	−39 54.5	0.887	1.806	19.7	18.4

299858 2006 SP_{262} 5 29.7 69.°46 4.°5/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.96	−11 51.6	2.143	2.960	13.3	20.6
5 1	16 46.95	−10 47.2	2.074	2.972	10.6	20.4
5 11	16 41.05	− 9 43.8	2.028	2.984	7.6	20.3
5 21	16 33.83	− 8 45.0	2.008	2.997	5.1	20.1
5 31	16 26.05	− 7 54.9	2.015	3.009	4.7	20.1
6 10	16 18.55	− 7 16.4	2.049	3.021	6.8	20.3
6 20	16 12.05	− 6 51.6	2.109	3.034	9.6	20.5
6 30	16 7.13	− 6 40.9	2.192	3.046	12.3	20.7

510821 2013 BK_{74} 5 29.7 173.°72 0.°5/29.9 17

4 21	16 53.47	−24 6.3	2.960	3.750	10.7	23.3
5 1	16 48.56	−24 3.2	2.867	3.753	8.4	23.1
5 11	16 42.01	−23 56.0	2.799	3.756	5.7	23.0
5 21	16 34.28	−23 44.5	2.758	3.758	2.8	22.8
5 31	16 25.98	−23 29.2	2.746	3.759	0.6	22.6
6 10	16 17.80	−23 11.4	2.763	3.760	3.4	22.8
6 20	16 10.39	−22 52.8	2.809	3.760	6.3	23.0
6 30	16 4.29	−22 35.4	2.882	3.760	8.9	23.2

172890 2005 FN_{6} 5 29.7 31.°13 2.°4/29.3 18

4 21	16 53.83	−16 24.1	1.114	1.970	20.5	19.2
5 1	16 50.96	−16 28.1	1.061	1.983	16.1	19.0
5 11	16 44.65	−16 34.1	1.026	1.998	11.0	18.7
5 21	16 35.78	−16 43.1	1.011	2.014	5.5	18.5
5 31	16 25.76	−16 56.0	1.019	2.030	2.6	18.4
6 10	16 16.26	−17 14.0	1.049	2.048	7.2	18.7
6 20	16 8.67	−17 37.8	1.102	2.066	12.2	19.0
6 30	16 3.99	−18 8.0	1.175	2.085	16.6	19.3

167367 2003 WQ_{54} 5 29.7 357.°67 3.°0/30.8 17

4 21	16 54.75	−29 36.4	1.896	2.701	15.3	20.5
5 1	16 50.74	−29 53.2	1.811	2.700	12.3	20.3
5 11	16 44.10	−30 1.4	1.747	2.700	8.8	20.1
5 21	16 35.46	−29 58.7	1.706	2.700	5.2	19.8
5 31	16 25.80	−29 44.6	1.692	2.700	3.0	19.7
6 10	16 16.32	−29 20.4	1.704	2.700	5.3	19.9
6 20	16 8.10	−28 49.6	1.742	2.700	9.0	20.1
6 30	16 2.03	−28 16.6	1.804	2.700	12.5	20.3

418139 2008 AC_{44} 5 29.7 93.°81 0.°7/29.9 17

4 21	16 57.66	−24 7.8	1.619	2.438	16.9	22.0
5 1	16 53.08	−24 6.1	1.550	2.451	13.3	21.8
5 11	16 45.66	−23 58.0	1.501	2.464	9.1	21.5
5 21	16 36.16	−23 43.1	1.475	2.477	4.4	21.3
5 31	16 25.71	−23 22.0	1.476	2.490	0.9	21.1
6 10	16 15.65	−22 57.3	1.503	2.502	5.4	21.4
6 20	16 7.12	−22 32.6	1.555	2.514	9.8	21.7
6 30	16 1.00	−22 11.6	1.631	2.526	13.6	22.0

9314 1988 DJ_{1} 5 29.7 190.°38 2.°8/28.6 18

4 21	16 56.02	−15 10.6	2.123	2.932	13.7	18.8
5 1	16 51.12	−14 43.5	2.035	2.931	10.9	18.6
5 11	16 44.05	−14 16.2	1.970	2.929	7.5	18.3
5 21	16 35.35	−13 50.3	1.930	2.927	4.2	18.1
5 31	16 25.83	−13 28.2	1.917	2.924	3.0	18.0
6 10	16 16.46	−13 11.9	1.933	2.920	5.7	18.2
6 20	16 8.11	−13 3.4	1.976	2.916	9.2	18.4
6 30	16 1.52	−13 4.0	2.042	2.911	12.4	18.6

98360 2000 SV_{354} 5 29.7 222.°53 4.°6/30.7 18

4 21	17 2.06	−30 36.0	1.775	2.569	16.6	19.8
5 1	16 57.03	−31 30.4	1.681	2.561	13.6	19.6
5 11	16 48.79	−32 18.1	1.607	2.553	10.0	19.3
5 21	16 37.89	−32 54.6	1.557	2.544	6.4	19.1
5 31	16 25.43	−33 15.8	1.533	2.535	4.6	18.9
6 10	16 12.88	−33 20.8	1.536	2.525	6.7	19.0
6 20	16 1.72	−33 12.0	1.565	2.515	10.5	19.2
6 30	15 53.13	−32 54.4	1.617	2.504	14.2	19.4

511134 2013 XJ_{18} 5 29.7 238.°79 1.°0/30.1 17

4 21	16 56.92	−25 45.5	2.270	3.066	13.4	23.4
5 1	16 52.02	−25 40.5	2.162	3.050	10.7	23.2
5 11	16 44.81	−25 28.8	2.076	3.032	7.4	22.9
5 21	16 35.78	−25 9.9	2.015	3.015	3.8	22.7
5 31	16 25.76	−24 43.8	1.983	2.996	1.1	22.4
6 10	16 15.73	−24 12.5	1.979	2.977	4.5	22.6
6 20	16 6.66	−23 38.8	2.003	2.956	8.3	22.8
6 30	15 59.39	−23 6.3	2.052	2.936	11.8	23.0

238429 2004 HM_{20} 5 29.7 52.°72 2.°1/30.4 17

4 21	16 54.57	−26 52.4	1.960	2.768	14.7	20.5
5 1	16 50.31	−27 14.3	1.887	2.780	11.7	20.3
5 11	16 43.63	−27 29.9	1.835	2.792	8.2	20.1
5 21	16 35.17	−27 37.7	1.808	2.805	4.4	19.9
5 31	16 25.86	−27 37.0	1.807	2.817	2.1	19.8
6 10	16 16.81	−27 29.1	1.833	2.830	4.8	20.0
6 20	16 9.00	−27 16.3	1.886	2.843	8.4	20.2
6 30	16 3.19	−27 2.1	1.962	2.856	11.7	20.5

363744 2004 XU_{126} 5 29.7 149°.47 0°.8/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.36	−20 10.5	1.663	2.482	16.5	21.1
5 1	16 53.61	−20 6.1	1.585	2.487	13.0	20.8
5 11	16 46.05	−19 58.8	1.529	2.493	8.8	20.6
5 21	16 36.39	−19 48.9	1.496	2.498	4.2	20.3
5 31	16 25.68	−19 37.2	1.489	2.503	1.1	20.1
6 10	16 15.23	−19 25.8	1.510	2.507	5.6	20.4
6 20	16 6.20	−19 17.3	1.556	2.511	10.1	20.7
6 30	15 59.50	−19 14.0	1.624	2.514	14.0	21.0

181263 2005 VB_{99} 5 29.7 335°.20 0°.6/29.5 18

4 21	16 51.72	−19 36.4	2.061	2.879	13.8	19.9
5 1	16 48.00	−19 42.4	1.971	2.873	10.8	19.6
5 11	16 42.07	−19 47.1	1.903	2.868	7.4	19.4
5 21	16 34.46	−19 50.6	1.861	2.863	3.5	19.2
5 31	16 25.96	−19 53.4	1.845	2.858	0.9	19.0
6 10	16 17.55	−19 56.5	1.856	2.854	4.7	19.2
6 20	16 10.11	−20 1.3	1.894	2.850	8.5	19.4
6 30	16 4.43	−20 9.4	1.955	2.846	11.9	19.6

166910 2003 BN_{46} 5 29.7 316°.42 18°.0/18.5 18

4 21	16 52.48	+ 3 56.7	1.083	1.917	22.4	18.8
5 1	16 49.94	+ 7 35.3	1.033	1.913	20.1	18.6
5 11	16 44.04	+11 0.3	1.001	1.909	18.4	18.5
5 21	16 35.56	+13 53.6	0.990	1.905	18.1	18.4
5 31	16 25.81	+15 59.2	0.997	1.902	19.1	18.5
6 10	16 16.38	+17 9.0	1.022	1.899	21.2	18.6
6 20	16 8.70	+17 23.3	1.062	1.896	23.6	18.7
6 30	16 3.80	+16 48.9	1.114	1.893	26.0	18.9

28378 1999 JN_{24} 5 29.7 323°.51 4°.1/30.8 18

4 21	16 55.29	−31 4.8	2.020	2.816	14.8	17.7
5 1	16 51.21	−31 51.8	1.929	2.810	12.0	17.5
5 11	16 44.51	−32 31.6	1.858	2.804	8.9	17.3
5 21	16 35.72	−33 1.1	1.812	2.799	5.8	17.1
5 31	16 25.77	−33 17.7	1.792	2.793	4.1	17.0
6 10	16 15.84	−33 21.3	1.799	2.788	5.9	17.1
6 20	16 7.05	−33 13.7	1.832	2.783	9.1	17.2
6 30	16 0.35	−32 59.0	1.888	2.778	12.3	17.4

332187 2006 BM_{232} 5 29.7 180°.47 0°.1/29.7 18

4 21	16 55.92	−21 36.2	2.138	2.945	13.7	21.2
5 1	16 51.14	−21 37.2	2.050	2.945	10.8	21.0
5 11	16 44.12	−21 34.9	1.985	2.946	7.4	20.8
5 21	16 35.41	−21 29.2	1.945	2.946	3.5	20.5
5 31	16 25.84	−21 20.7	1.932	2.946	0.6	20.3
6 10	16 16.42	−21 10.7	1.948	2.945	4.6	20.6
6 20	16 8.04	−21 1.2	1.991	2.944	8.3	20.8
6 30	16 1.49	−20 54.6	2.058	2.943	11.7	21.0

227348 2005 UB_{79} 5 29.7 123°.81 4°.5/27.5 18

4 21	16 53.61	−14 31.1	1.816	2.639	15.1	20.0
5 1	16 49.46	−13 14.9	1.740	2.643	12.0	19.8
5 11	16 42.99	−11 56.3	1.686	2.647	8.5	19.6
5 21	16 34.84	−10 39.8	1.658	2.651	5.3	19.5
5 31	16 25.94	− 9 30.5	1.656	2.655	4.7	19.4
6 10	16 17.32	− 8 33.4	1.681	2.659	7.4	19.6
6 20	16 9.91	− 7 51.6	1.731	2.663	10.9	19.8
6 30	16 4.43	− 7 26.9	1.804	2.666	14.1	20.0

240799 2005 XF_{82} 5 29.7 17°.08 2°.0/29.4 18

4 21	16 53.77	−16 57.9	1.074	1.932	20.9	19.9
5 1	16 51.29	−17 7.7	1.011	1.935	16.5	19.6
5 11	16 45.17	−17 19.5	0.966	1.940	11.3	19.4
5 21	16 36.17	−17 34.0	0.941	1.945	5.6	19.1
5 31	16 25.73	−17 51.7	0.938	1.951	2.2	18.9
6 10	16 15.62	−18 13.4	0.958	1.958	7.4	19.2
6 20	16 7.43	−18 39.9	0.999	1.966	12.9	19.5
6 30	16 2.33	−19 12.3	1.060	1.975	17.6	19.8

188696 2005 TG_{24} 5 29.7 180°.10 0°.3/29.8 18

4 21	16 52.28	−23 4.5	2.745	3.543	11.2	21.2
5 1	16 47.80	−23 2.8	2.653	3.543	8.8	21.1
5 11	16 41.60	−22 57.4	2.585	3.544	6.0	20.9
5 21	16 34.13	−22 48.4	2.543	3.544	2.9	20.7
5 31	16 26.05	−22 36.1	2.530	3.544	0.5	20.5
6 10	16 18.07	−22 22.0	2.546	3.543	3.6	20.7
6 20	16 10.89	−22 7.7	2.590	3.543	6.7	20.9
6 30	16 5.09	−21 55.1	2.660	3.542	9.5	21.1

60919 2000 JY_{39} 5 29.7 43°.85 0°.2/29.8 18

4 21	16 54.92	−23 2.5	1.607	2.432	16.7	19.5
5 1	16 51.09	−22 58.1	1.530	2.435	13.2	19.2
5 11	16 44.44	−22 48.1	1.473	2.439	9.0	19.0
5 21	16 35.66	−22 32.4	1.440	2.442	4.3	18.7
5 31	16 25.83	−22 11.9	1.432	2.445	0.6	18.4
6 10	16 16.25	−21 49.2	1.450	2.449	5.5	18.8
6 20	16 8.09	−21 27.5	1.492	2.452	10.0	19.1
6 30	16 2.27	−21 10.4	1.558	2.456	14.0	19.3

166503 2002 QS_{19} 5 29.7 317°.89 1°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.18	−25 38.9	1.703	2.526	16.0	19.8
5 1	16 49.11	−25 47.7	1.607	2.510	12.8	19.6
5 11	16 43.27	−25 49.9	1.532	2.495	8.9	19.3
5 21	16 35.21	−25 44.2	1.480	2.480	4.6	19.0
5 31	16 25.90	−25 30.6	1.453	2.466	1.6	18.8
6 10	16 16.59	−25 10.6	1.452	2.452	5.4	19.0
6 20	16 8.49	−24 47.3	1.476	2.438	9.9	19.2
6 30	16 2.62	−24 24.9	1.522	2.425	14.0	19.4

498375 2007 WB_{23} 5 29.7 218°.49 0°.2/29.7 17

4 21	16 58.52	−21 45.0	1.861	2.670	15.3	22.8
5 1	16 53.68	−21 44.7	1.766	2.662	12.2	22.6
5 11	16 46.15	−21 40.6	1.692	2.654	8.3	22.3
5 21	16 36.51	−21 32.3	1.643	2.645	4.0	22.1
5 31	16 25.72	−21 20.3	1.621	2.635	0.6	21.8
6 10	16 14.97	−21 6.2	1.627	2.624	5.3	22.1
6 20	16 5.42	−20 52.5	1.659	2.613	9.6	22.3
6 30	15 58.00	−20 42.4	1.715	2.601	13.5	22.5

104452 2000 GK_{7} 5 29.7 276°.76 4°.4/27.7 18

4 21	16 51.34	−12 7.3	2.083	2.901	13.6	19.6
5 1	16 47.61	−11 17.1	1.988	2.887	10.9	19.4
5 11	16 41.77	−10 27.2	1.915	2.872	7.9	19.2
5 21	16 34.33	− 9 40.7	1.867	2.858	5.1	19.0
5 31	16 26.05	− 9 1.3	1.846	2.843	4.6	18.9
6 10	16 17.82	− 8 32.2	1.852	2.828	6.9	19.0
6 20	16 10.50	− 8 15.8	1.883	2.814	10.2	19.2
6 30	16 4.83	− 8 13.0	1.937	2.799	13.3	19.3

379399 2010 AZ_{3} 5 29.7 174°.57 4°.6/31.9 17

4 21	16 59.17	−36 17.2	2.349	3.114	13.8	21.8
5 1	16 53.78	−36 35.1	2.259	3.117	11.4	21.6
5 11	16 45.96	−36 41.2	2.191	3.119	8.7	21.5
5 21	16 36.31	−36 32.9	2.146	3.121	6.1	21.3
5 31	16 25.77	−36 8.9	2.129	3.122	4.6	21.2
6 10	16 15.45	−35 30.4	2.140	3.122	5.7	21.3
6 20	16 6.34	−34 41.3	2.178	3.122	8.3	21.4
6 30	15 59.25	−33 46.4	2.241	3.121	11.0	21.6

107562 2001 DV_{87} 5 29.7 170°.59 0°.1/29.7 18

4 21	16 55.15	−21 5.0	1.979	2.792	14.4	20.0
5 1	16 50.76	−21 13.7	1.893	2.792	11.4	19.8
5 11	16 43.98	−21 19.9	1.830	2.793	7.7	19.6
5 21	16 35.41	−21 23.4	1.792	2.793	3.7	19.3
5 31	16 25.90	−21 24.3	1.780	2.794	0.6	19.1
6 10	16 16.53	−21 23.8	1.796	2.794	4.8	19.4
6 20	16 8.27	−21 23.5	1.839	2.794	8.7	19.6
6 30	16 1.94	−21 25.5	1.905	2.794	12.3	19.9

90365 2003 JL_{10} 5 29.7 99°.58 6°.6/26.9 18

4 21	16 53.81	− 7 17.5	1.858	2.673	15.2	19.2
5 1	16 49.43	− 6 7.7	1.795	2.686	12.3	19.1
5 11	16 42.87	− 5 2.8	1.753	2.700	9.3	18.9
5 21	16 34.77	− 4 7.9	1.736	2.713	7.0	18.8
5 31	16 26.02	− 3 27.3	1.745	2.726	6.8	18.8
6 10	16 17.59	− 3 4.1	1.780	2.738	8.7	18.9
6 20	16 10.34	− 2 59.2	1.839	2.751	11.5	19.1
6 30	16 4.94	− 3 11.8	1.920	2.763	14.2	19.3

356365 2010 MP_{63} 5 29.7 305°.71 2°.9/31.1 17

4 21	16 52.74	−31 22.9	2.261	3.054	13.5	20.7
5 1	16 48.79	−31 25.0	2.166	3.048	10.9	20.5
5 11	16 42.60	−31 17.5	2.093	3.041	7.9	20.3
5 21	16 34.73	−30 59.0	2.044	3.035	4.8	20.1
5 31	16 26.01	−30 29.3	2.022	3.029	2.9	19.9
6 10	16 17.43	−29 50.3	2.028	3.022	4.7	20.0
6 20	16 9.90	−29 5.3	2.060	3.016	7.9	20.2
6 30	16 4.16	−28 18.7	2.117	3.010	11.0	20.4

324453 2006 TH_{124} 5 29.7 75°.92 1°.1/29.3 17

4 21	16 55.70	−21 48.5	1.559	2.386	17.0	21.2
5 1	16 51.53	−21 12.3	1.492	2.399	13.3	20.9
5 11	16 44.60	−20 29.6	1.445	2.412	9.0	20.7
5 21	16 35.68	−19 42.2	1.422	2.424	4.3	20.5
5 31	16 25.89	−18 53.1	1.424	2.437	1.4	20.3
6 10	16 16.53	−18 6.7	1.453	2.450	5.8	20.6
6 20	16 8.70	−17 27.0	1.506	2.462	10.3	20.9
6 30	16 3.22	−16 57.5	1.582	2.475	14.1	21.2

38510 1999 TF_{221} 5 29.7 271°.04 3°.8/31.2 18

4 21	16 54.24	−33 4.2	2.431	3.212	13.0	19.6
5 1	16 49.93	−33 30.6	2.332	3.203	10.6	19.4
5 11	16 43.39	−33 48.5	2.255	3.194	7.9	19.2
5 21	16 35.13	−33 55.5	2.203	3.185	5.3	19.1
5 31	16 25.95	−33 50.3	2.177	3.176	3.8	19.0
6 10	16 16.81	−33 33.5	2.180	3.167	5.2	19.0
6 20	16 8.63	−33 7.5	2.209	3.158	7.9	19.2
6 30	16 2.21	−32 35.9	2.262	3.148	10.7	19.3

28707 Drewbecker 5 29.7 317°38 0°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.57	−22 4.7	1.990	2.807	14.2	19.8
5 1	16 48.73	−21 53.4	1.902	2.803	11.2	19.6
5 11	16 42.60	−21 37.5	1.836	2.800	7.6	19.4
5 21	16 34.75	−21 17.5	1.795	2.797	3.6	19.1
5 31	16 26.02	−20 54.6	1.780	2.794	0.6	18.9
6 10	16 17.43	−20 30.9	1.793	2.791	4.8	19.2
6 20	16 9.92	−20 9.3	1.832	2.788	8.7	19.4
6 30	16 4.28	−19 52.3	1.895	2.786	12.2	19.6

260644 2005 GY_{136} 5 29.7 98°47 1°8/29.3 17

4 21	16 57.29	−16 57.9	1.574	2.399	17.0	20.6
5 1	16 52.89	−17 1.6	1.500	2.406	13.4	20.4
5 11	16 45.65	−17 6.0	1.447	2.412	9.1	20.1
5 21	16 36.26	−17 11.6	1.417	2.418	4.6	19.9
5 31	16 25.80	−17 19.3	1.412	2.424	2.0	19.7
6 10	16 15.58	−17 30.1	1.434	2.430	6.1	20.0
6 20	16 6.80	−17 45.1	1.481	2.436	10.5	20.3
6 30	16 0.37	−18 5.5	1.551	2.442	14.4	20.5

477677 2010 PS_{60} 5 29.7 240°31 4°4/27.4 18

4 21	16 50.26	− 8 58.0	2.630	3.435	11.5	22.0
5 1	16 46.24	− 8 15.1	2.537	3.425	9.3	21.8
5 11	16 40.57	− 7 34.7	2.467	3.416	6.9	21.6
5 21	16 33.68	− 6 59.5	2.423	3.406	4.9	21.5
5 31	16 26.18	− 6 32.3	2.407	3.396	4.6	21.5
6 10	16 18.75	− 6 15.1	2.419	3.385	6.3	21.5
6 20	16 12.04	− 6 9.3	2.457	3.375	8.7	21.7
6 30	16 6.61	− 6 15.1	2.519	3.364	11.2	21.8

443756 2015 MB_9 5 29.7 276°60 6°3/ 2.7 18

4 21	16 57.51	−43 47.4	2.475	3.211	13.9	20.7
5 1	16 52.63	−43 52.1	2.374	3.202	12.0	20.5
5 11	16 45.24	−43 40.5	2.293	3.192	9.8	20.4
5 21	16 35.99	−43 9.4	2.235	3.182	7.7	20.2
5 31	16 25.86	−42 17.4	2.203	3.173	6.4	20.1
6 10	16 16.01	−41 6.1	2.198	3.163	6.8	20.1
6 20	16 7.44	−39 40.1	2.219	3.154	8.7	20.2
6 30	16 0.97	−38 5.8	2.267	3.144	11.0	20.4

305488 2008 ER_3 5 29.7 140°56 5°5/27.0 18

4 21	16 51.59	− 1 59.9	2.992	3.774	10.8	21.1
5 1	16 46.88	− 1 22.7	2.921	3.786	8.9	21.0
5 11	16 40.77	− 0 52.2	2.874	3.798	7.1	20.9
5 21	16 33.70	− 0 30.9	2.853	3.809	5.8	20.8
5 31	16 26.21	− 0 20.9	2.859	3.820	5.6	20.8
6 10	16 18.88	− 0 23.3	2.894	3.831	6.7	20.9
6 20	16 12.25	− 0 38.2	2.954	3.841	8.5	21.1
6 30	16 6.78	− 1 4.8	3.039	3.850	10.3	21.2

305428 2008 CU_{146} 5 29.7 202°76 1°6/28.9 17

4 21	16 51.91	−17 43.6	2.656	3.460	11.4	22.2
5 1	16 47.53	−17 18.9	2.562	3.457	8.9	22.0
5 11	16 41.44	−16 52.4	2.492	3.453	6.1	21.8
5 21	16 34.10	−16 25.3	2.449	3.449	3.1	21.6
5 31	16 26.14	−15 59.3	2.434	3.444	1.8	21.5
6 10	16 18.30	−15 36.3	2.449	3.440	4.4	21.7
6 20	16 11.22	−15 18.1	2.491	3.434	7.4	21.9
6 30	16 5.51	−15 6.2	2.558	3.429	10.1	22.1

433472 2013 VV_{15} 5 29.7 222°79 3°0/28.3 18

4 21	16 54.47	−15 49.6	2.217	3.026	13.2	21.9
5 1	16 49.91	−15 4.2	2.120	3.017	10.4	21.7
5 11	16 43.26	−14 16.6	2.047	3.007	7.3	21.5
5 21	16 35.04	−13 29.0	1.999	2.996	4.1	21.3
5 31	16 26.01	−12 44.5	1.980	2.985	3.1	21.2
6 10	16 17.08	−12 6.2	1.989	2.973	5.8	21.3
6 20	16 9.08	−11 36.9	2.024	2.961	9.2	21.5
6 30	16 2.73	−11 18.4	2.083	2.948	12.4	21.7

230857 2004 RU_{127} 5 29.7 191°04 0°8/29.4 17

4 21	16 55.01	−20 36.2	2.053	2.865	14.0	21.6
5 1	16 50.52	−20 20.7	1.966	2.864	11.0	21.4
5 11	16 43.75	−20 1.5	1.900	2.863	7.5	21.2
5 21	16 35.29	−19 39.3	1.860	2.861	3.6	21.0
5 31	16 25.97	−19 15.6	1.847	2.860	1.1	20.8
6 10	16 16.82	−18 52.5	1.862	2.858	4.9	21.0
6 20	16 8.74	−18 32.7	1.903	2.855	8.7	21.3
6 30	16 2.50	−18 18.4	1.968	2.852	12.2	21.5

519153 2010 NG_{47} 5 29.7 216°96 2°3/30.5 18

4 21	16 55.22	−27 44.1	2.733	3.518	11.6	21.6
5 1	16 50.33	−28 20.0	2.635	3.513	9.3	21.5
5 11	16 43.49	−28 51.6	2.560	3.509	6.6	21.3
5 21	16 35.15	−29 17.1	2.511	3.504	3.8	21.1
5 31	16 25.99	−29 35.3	2.492	3.499	2.3	21.0
6 10	16 16.83	−29 46.1	2.501	3.493	4.1	21.1
6 20	16 8.47	−29 50.6	2.538	3.488	7.0	21.3
6 30	16 1.59	−29 51.0	2.601	3.482	9.7	21.4

387753 2003 SF_{32} 5 29.7 206°18 6°1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.46	−42 36.8	2.892	3.615	12.4	22.2
5 1	16 55.49	−43 18.3	2.790	3.608	10.6	22.1
5 11	16 47.14	−43 48.2	2.709	3.601	8.7	21.9
5 21	16 36.94	−44 2.8	2.653	3.592	7.0	21.8
5 31	16 25.73	−43 59.6	2.624	3.583	6.1	21.7
6 10	16 14.57	−43 38.3	2.622	3.574	6.6	21.8
6 20	16 4.45	−43 1.6	2.647	3.563	8.2	21.8
6 30	15 56.21	−42 13.7	2.697	3.552	10.2	22.0

353715 2011 VZ_8 5 29.7 252°07 4°9/27.7 18

4 21	16 51.53	− 7 43.0	2.406	3.210	12.4	21.5
5 1	16 47.42	− 7 10.4	2.312	3.200	10.1	21.3
5 11	16 41.48	− 6 42.2	2.242	3.189	7.5	21.1
5 21	16 34.17	− 6 20.9	2.197	3.178	5.4	21.0
5 31	16 26.14	− 6 9.1	2.179	3.166	5.0	20.9
6 10	16 18.17	− 6 8.8	2.188	3.155	6.8	21.0
6 20	16 10.98	− 6 20.5	2.223	3.143	9.4	21.1
6 30	16 5.20	− 6 44.2	2.282	3.131	12.0	21.3

100354 1995 TR_4 5 29.7 58°73 0°9/29.5 17

4 21	16 55.73	−21 14.0	1.408	2.243	18.1	20.7
5 1	16 51.87	−20 55.1	1.345	2.256	14.2	20.5
5 11	16 45.00	−20 31.1	1.301	2.269	9.6	20.3
5 21	16 35.94	−20 3.1	1.280	2.283	4.6	20.0
5 31	16 25.90	−19 33.3	1.284	2.297	1.2	19.8
6 10	16 16.31	−19 5.2	1.313	2.311	6.1	20.2
6 20	16 8.39	−18 42.3	1.366	2.326	10.8	20.5
6 30	16 3.01	−18 27.7	1.441	2.340	14.8	20.8

391381 2006 WO_{97} 5 29.7 270°64 0°6/29.9 18

4 21	16 54.26	−22 16.8	2.267	3.073	13.1	20.9
5 1	16 49.89	−22 38.9	2.171	3.066	10.3	20.7
5 11	16 43.36	−22 58.9	2.098	3.058	7.1	20.5
5 21	16 35.14	−23 15.9	2.050	3.050	3.5	20.2
5 31	16 26.01	−23 29.5	2.029	3.043	0.7	20.0
6 10	16 16.89	−23 39.8	2.037	3.035	4.3	20.2
6 20	16 8.68	−23 48.2	2.072	3.027	7.9	20.4
6 30	16 2.16	−23 56.3	2.132	3.020	11.2	20.6

348026 2003 TV_{16} 5 29.7 298°28 5°2/26.9 16

4 21	16 51.23	−13 52.1	1.779	2.608	15.2	20.5
5 1	16 47.98	−12 28.8	1.680	2.586	12.2	20.2
5 11	16 42.29	−11 0.9	1.603	2.564	8.8	20.0
5 21	16 34.70	− 9 33.0	1.551	2.543	5.8	19.7
5 31	16 26.07	− 8 11.4	1.525	2.522	5.5	19.7
6 10	16 17.46	− 7 2.0	1.525	2.500	8.3	19.8
6 20	16 9.90	− 6 9.7	1.550	2.479	12.0	20.0
6 30	16 4.26	− 5 37.1	1.596	2.458	15.6	20.1

198418 2004 VH_{72} 5 29.7 238°32 1°8/28.8 18

4 21	16 54.28	−19 46.8	2.170	2.980	13.4	20.7
5 1	16 49.86	−18 58.5	2.071	2.969	10.6	20.5
5 11	16 43.28	−18 4.6	1.994	2.956	7.2	20.3
5 21	16 35.08	−17 7.0	1.943	2.944	3.7	20.0
5 31	16 26.04	−16 8.7	1.921	2.931	2.1	19.9
6 10	16 17.10	−15 13.4	1.926	2.917	5.3	20.1
6 20	16 9.14	−14 24.9	1.959	2.904	9.0	20.3
6 30	16 2.90	−13 46.2	2.016	2.889	12.4	20.5

373497 2000 XD_{49} 5 29.7 129°70 2°1/30.4 17

4 21	16 59.57	−27 5.7	2.410	3.194	13.0	21.7
5 1	16 53.76	−27 35.9	2.331	3.211	10.3	21.5
5 11	16 45.78	−28 0.9	2.276	3.226	7.2	21.4
5 21	16 36.21	−28 18.6	2.247	3.241	4.0	21.2
5 31	16 25.89	−28 28.2	2.247	3.256	2.1	21.1
6 10	16 15.77	−28 30.0	2.276	3.270	4.3	21.2
6 20	16 6.73	−28 25.9	2.333	3.283	7.5	21.5
6 30	15 59.48	−28 18.7	2.415	3.296	10.3	21.7

49242 1998 TD_5 5 29.7 195°47 0°5/29.6 18

4 21	16 57.14	−20 32.6	1.964	2.774	14.6	19.1
5 1	16 52.36	−20 31.9	1.875	2.772	11.5	18.9
5 11	16 45.12	−20 28.4	1.808	2.770	7.9	18.7
5 21	16 36.01	−20 22.2	1.766	2.768	3.8	18.4
5 31	16 25.91	−20 14.0	1.751	2.764	0.8	18.2
6 10	16 15.94	−20 5.2	1.764	2.761	5.0	18.5
6 20	16 7.10	−19 57.9	1.803	2.757	9.1	18.7
6 30	16 0.23	−19 54.5	1.867	2.752	12.7	18.9

501989 2015 AS_2 5 29.7 21°84 8°1/30.9 17

4 21	17 0.13	−35 17.8	1.484	2.285	19.0	20.3
5 1	16 56.29	−36 59.9	1.413	2.289	15.9	20.1
5 11	16 48.73	−38 32.4	1.361	2.295	12.5	19.9
5 21	16 38.05	−39 47.3	1.331	2.301	9.5	19.8
5 31	16 25.61	−40 37.7	1.324	2.307	8.1	19.7
6 10	16 13.22	−41 1.2	1.342	2.314	9.5	19.8
6 20	16 2.64	−41 0.6	1.382	2.322	12.4	20.0
6 30	15 55.24	−40 43.0	1.444	2.331	15.6	20.2

416412 2003 US_{176} 5 29.8 241°.02 3°.0/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.87	−29 39.6	1.817	2.617	16.0	21.8
5 1	16 54.33	−29 52.8	1.718	2.604	13.0	21.5
5 11	16 46.84	−29 56.7	1.639	2.591	9.4	21.3
5 21	16 36.98	−29 48.7	1.584	2.578	5.5	21.0
5 31	16 25.78	−29 27.5	1.555	2.563	3.0	20.8
6 10	16 14.59	−28 54.5	1.553	2.549	5.7	20.9
6 20	16 4.71	−28 13.8	1.577	2.533	9.8	21.1
6 30	15 57.20	−27 30.8	1.624	2.518	13.8	21.3

231857 2000 SB_{154} 5 29.8 210°.45 3°.9/31.0 18

4 21	16 59.60	−32 26.9	2.401	3.175	13.3	21.0
5 1	16 54.21	−33 4.3	2.301	3.168	10.9	20.8
5 11	16 46.38	−33 34.0	2.223	3.161	8.1	20.6
5 21	16 36.64	−33 53.1	2.170	3.152	5.4	20.4
5 31	16 25.84	−33 59.4	2.145	3.144	3.9	20.3
6 10	16 15.04	−33 53.0	2.149	3.135	5.4	20.4
6 20	16 5.25	−33 36.0	2.180	3.125	8.2	20.5
6 30	15 57.36	−33 12.2	2.236	3.114	11.1	20.7

490625 2010 AZ_{80} 5 29.8 228°.06 0°.6/29.5 18

4 21	16 56.08	−21 27.3	2.495	3.292	12.3	22.0
5 1	16 51.06	−21 8.0	2.388	3.278	9.7	21.8
5 11	16 44.02	−20 44.3	2.303	3.263	6.6	21.6
5 21	16 35.44	−20 16.8	2.246	3.247	3.2	21.3
5 31	16 26.03	−19 46.6	2.217	3.230	0.8	21.1
6 10	16 16.64	−19 15.8	2.217	3.212	4.3	21.3
6 20	16 8.09	−18 46.9	2.245	3.194	7.8	21.5
6 30	16 1.10	−18 22.5	2.299	3.174	11.0	21.7

498463 2008 CJ_{21} 5 29.8 228°.04 1°.2/30.2 17

4 21	16 58.57	−25 16.1	1.915	2.720	15.2	22.3
5 1	16 53.79	−25 22.4	1.817	2.709	12.1	22.1
5 11	16 46.30	−25 22.7	1.739	2.698	8.4	21.8
5 21	16 36.67	−25 15.6	1.687	2.686	4.3	21.6
5 31	16 25.84	−25 0.9	1.661	2.674	1.3	21.3
6 10	16 15.04	−24 40.1	1.663	2.661	5.1	21.6
6 20	16 5.41	−24 16.1	1.691	2.647	9.4	21.8
6 30	15 57.92	−23 52.9	1.743	2.633	13.2	22.0

212682 2006 VT_{109} 5 29.8 211°.24 3°.7/28.4 18

4 21	16 56.04	−12 59.4	2.016	2.826	14.3	21.1
5 1	16 51.34	−12 29.9	1.925	2.820	11.4	20.9
5 11	16 44.36	−12 1.6	1.856	2.814	8.1	20.7
5 21	16 35.64	−11 36.8	1.813	2.807	4.9	20.4
5 31	16 26.01	−11 18.1	1.797	2.799	3.9	20.4
6 10	16 16.47	−11 7.8	1.808	2.791	6.5	20.5
6 20	16 7.96	−11 7.5	1.845	2.782	10.0	20.7
6 30	16 1.26	−11 17.9	1.906	2.773	13.3	20.9

503125 2015 FE_{343} 5 29.8 62°.67 3°.9/30.9 17

4 21	16 58.96	−30 8.8	1.754	2.555	16.5	21.3
5 1	16 54.12	−30 53.6	1.690	2.576	13.2	21.2
5 11	16 46.43	−31 29.7	1.648	2.597	9.6	21.0
5 21	16 36.63	−31 53.7	1.629	2.618	5.9	20.8
5 31	16 25.88	−32 3.6	1.636	2.640	3.9	20.7
6 10	16 15.50	−32 0.3	1.669	2.661	5.9	20.9
6 20	16 6.67	−31 47.0	1.728	2.682	9.3	21.2
6 30	16 0.26	−31 28.2	1.811	2.704	12.6	21.4

191704 2004 RF_{172} 5 29.8 263°.30 1°.7/29.1 17

4 21	16 53.98	−19 0.6	1.945	2.762	14.5	20.8
5 1	16 49.99	−18 33.8	1.846	2.748	11.5	20.5
5 11	16 43.60	−18 3.4	1.769	2.733	7.9	20.3
5 21	16 35.34	−17 30.7	1.716	2.717	3.9	20.0
5 31	16 26.05	−16 57.8	1.691	2.702	1.9	19.8
6 10	16 16.80	−16 27.7	1.692	2.686	5.6	20.0
6 20	16 8.58	−16 3.3	1.720	2.670	9.6	20.2
6 30	16 2.24	−15 47.2	1.771	2.654	13.3	20.4

274828 2009 PD_{12} 5 29.8 294°.24 1°.3/30.2 18

4 21	16 54.61	−25 14.7	1.570	2.395	17.0	21.0
5 1	16 51.40	−25 19.3	1.470	2.374	13.7	20.7
5 11	16 45.11	−25 17.0	1.389	2.353	9.6	20.4
5 21	16 36.27	−25 6.2	1.331	2.332	4.9	20.1
5 31	16 25.90	−24 46.7	1.298	2.311	1.4	19.8
6 10	16 15.42	−24 20.4	1.290	2.290	5.9	20.0
6 20	16 6.22	−23 51.1	1.306	2.269	10.9	20.2
6 30	15 59.50	−23 23.6	1.345	2.248	15.4	20.4

341900 2008 HE_{54} 5 29.8 320°.78 0°.1/29.8 18

4 21	16 46.31	−21 59.4	4.208	5.001	7.7	20.7
5 1	16 42.64	−22 7.8	4.111	4.999	6.0	20.5
5 11	16 37.90	−22 14.6	4.038	4.997	4.1	20.4
5 21	16 32.39	−22 19.6	3.994	4.994	2.0	20.2
5 31	16 26.50	−22 23.2	3.979	4.992	0.3	20.1
6 10	16 20.65	−22 25.8	3.993	4.990	2.5	20.3
6 20	16 15.24	−22 28.1	4.037	4.988	4.6	20.4
6 30	16 10.64	−22 31.0	4.107	4.986	6.5	20.5

497604 2006 KR_{119} 5 29.8 311°.34 7°.3/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.92	− 9 26.6	1.268	2.116	18.9	21.2
5 1	16 48.88	− 8 36.1	1.174	2.089	15.5	20.9
5 11	16 43.64	− 7 48.9	1.099	2.062	11.7	20.6
5 21	16 35.67	− 7 10.9	1.045	2.035	8.3	20.3
5 31	16 25.99	− 6 48.4	1.013	2.009	7.6	20.2
6 10	16 16.08	− 6 46.7	1.003	1.983	10.7	20.3
6 20	16 7.45	− 7 7.9	1.014	1.958	15.3	20.4
6 30	16 1.40	− 7 51.8	1.043	1.934	19.8	20.6

471165 2010 HE_{79} 5 29.8 65°.70 0°.1/29.3 15

4 21	16 30.53	−19 10.1	36.606	37.404	0.9	20.9
5 1	16 29.79	−19 7.3	36.517	37.409	0.7	20.9
5 11	16 28.95	−19 4.5	36.454	37.414	0.5	20.9
5 21	16 28.06	−19 1.6	36.418	37.419	0.2	20.8
5 31	16 27.13	−18 58.7	36.412	37.424	0.1	20.8
6 10	16 26.21	−18 56.0	36.435	37.429	0.3	20.8
6 20	16 25.33	−18 53.5	36.486	37.434	0.6	20.9
6 30	16 24.52	−18 51.2	36.565	37.439	0.8	20.9

368895 2006 SN_{193} 5 29.8 334°.66 6°.0/28.4 17

4 21	16 47.75	−11 34.6	1.104	1.969	20.0	20.1
5 1	16 46.67	−11 3.3	1.024	1.950	16.2	19.8
5 11	16 42.23	−10 36.3	0.961	1.932	11.8	19.5
5 21	16 34.99	−10 18.6	0.918	1.915	7.5	19.2
5 31	16 26.10	−10 15.3	0.896	1.900	6.2	19.0
6 10	16 17.16	−10 29.9	0.895	1.886	9.8	19.2
6 20	16 9.74	−11 3.5	0.915	1.874	14.7	19.4
6 30	16 5.14	−11 54.9	0.952	1.863	19.5	19.6

455580 2004 RJ_{242} 5 29.8 349°.39 6°.3/31.2 17

4 21	16 56.73	−32 39.7	1.235	2.061	20.6	20.9
5 1	16 54.02	−33 33.6	1.160	2.058	17.0	20.7
5 11	16 47.37	−34 15.6	1.103	2.055	12.8	20.4
5 21	16 37.47	−34 39.7	1.066	2.053	8.6	20.2
5 31	16 25.75	−34 41.3	1.051	2.052	6.3	20.1
6 10	16 14.21	−34 20.8	1.059	2.050	8.4	20.2
6 20	16 4.66	−33 43.3	1.088	2.050	12.6	20.4
6 30	15 58.50	−32 57.4	1.138	2.050	16.9	20.6

243601 1998 SV_{168} 5 29.8 241°.87 3°.1/30.5 16

4 21	17 0.91	−27 56.0	1.662	2.468	17.1	21.3
5 1	16 56.31	−28 25.9	1.563	2.454	13.8	21.0
5 11	16 48.46	−28 49.2	1.484	2.439	9.9	20.7
5 21	16 37.89	−29 2.5	1.429	2.424	5.7	20.5
5 31	16 25.70	−29 3.4	1.399	2.408	3.1	20.2
6 10	16 13.39	−28 51.9	1.395	2.391	6.2	20.4
6 20	16 2.45	−28 31.3	1.417	2.374	10.7	20.6
6 30	15 54.12	−28 6.8	1.462	2.356	15.0	20.8

509065 2005 TR_{114} 5 29.8 154°.77 4°.1/27.2 17

4 21	16 50.47	− 9 9.7	2.942	3.740	10.6	22.5
5 1	16 46.12	− 8 18.5	2.862	3.747	8.4	22.3
5 11	16 40.35	− 7 29.6	2.807	3.753	6.2	22.2
5 21	16 33.58	− 6 45.4	2.779	3.759	4.5	22.1
5 31	16 26.35	− 6 8.6	2.779	3.764	4.2	22.1
6 10	16 19.28	− 5 41.2	2.807	3.770	5.7	22.2
6 20	16 12.91	− 5 24.4	2.863	3.774	7.9	22.3
6 30	16 7.70	− 5 18.6	2.943	3.779	10.0	22.5

355202 2006 XC_{52} 5 29.8 189°.17 1°.6/30.7 18

4 21	16 53.64	−28 56.3	2.788	3.573	11.4	21.4
5 1	16 48.92	−28 42.4	2.692	3.572	9.1	21.2
5 11	16 42.41	−28 20.9	2.620	3.570	6.4	21.0
5 21	16 34.61	−27 51.4	2.574	3.569	3.5	20.9
5 31	16 26.20	−27 14.6	2.556	3.567	1.6	20.7
6 10	16 17.95	−26 32.4	2.568	3.564	3.7	20.9
6 20	16 10.56	−25 47.6	2.608	3.562	6.6	21.0
6 30	16 4.63	−25 3.4	2.675	3.559	9.3	21.2

433213 2012 UP_{110} 5 29.8 297°.26 6°.9/31.0 18

4 21	16 58.37	−35 52.8	1.846	2.630	16.4	20.5
5 1	16 54.53	−37 3.8	1.738	2.606	13.8	20.3
5 11	16 47.43	−38 6.7	1.651	2.582	10.9	20.0
5 21	16 37.50	−38 55.8	1.587	2.557	8.2	19.8
5 31	16 25.74	−39 25.6	1.548	2.533	6.9	19.7
6 10	16 13.61	−39 33.8	1.534	2.509	8.3	19.7
6 20	16 2.67	−39 21.8	1.544	2.484	11.3	19.8
6 30	15 54.29	−38 55.2	1.577	2.460	14.7	20.0

62737 2000 TR_{61} 5 29.8 151°.49 2°.6/28.9 18

4 21	16 53.05	−13 5.7	2.475	3.280	12.1	19.1
5 1	16 48.52	−13 1.6	2.390	3.283	9.6	18.9
5 11	16 42.18	−12 59.9	2.329	3.286	6.7	18.7
5 21	16 34.53	−13 1.5	2.294	3.289	3.8	18.5
5 31	16 26.22	−13 7.7	2.286	3.292	2.7	18.5
6 10	16 18.03	−13 19.2	2.308	3.294	5.0	18.6
6 20	16 10.68	−13 36.5	2.356	3.297	7.9	18.8
6 30	16 4.76	−13 59.9	2.430	3.299	10.7	19.0

259255 2003 CF_3 5 29.8 107°.09 2°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.22	−27 52.1	1.928	2.727	15.3	21.7
5 1	16 53.90	−27 54.5	1.858	2.746	12.1	21.6
5 11	16 46.05	−27 48.5	1.810	2.765	8.5	21.4
5 21	16 36.39	−27 33.0	1.786	2.783	4.5	21.2
5 31	16 25.96	−27 8.1	1.790	2.801	2.0	21.0
6 10	16 15.93	−26 36.4	1.821	2.818	4.8	21.3
6 20	16 7.31	−26 1.4	1.879	2.835	8.6	21.5
6 30	16 0.84	−25 27.4	1.961	2.851	11.9	21.8

326928 2004 BE_{41} 5 29.8 157°.24 1°.5/30.4 17

4 21	16 58.73	−26 50.3	1.948	2.749	15.1	21.9
5 1	16 53.64	−26 49.0	1.866	2.755	12.0	21.7
5 11	16 45.99	−26 39.9	1.805	2.761	8.3	21.5
5 21	16 36.43	−26 22.0	1.768	2.766	4.3	21.2
5 31	16 25.95	−25 55.6	1.759	2.771	1.6	21.0
6 10	16 15.73	−25 23.0	1.778	2.775	4.9	21.3
6 20	16 6.82	−24 47.6	1.823	2.779	8.8	21.5
6 30	16 0.03	−24 13.9	1.893	2.782	12.3	21.7

437134 2012 UX_{165} 5 29.8 336°.53 2°.1/30.5 17

4 21	16 53.76	−27 20.8	1.836	2.649	15.4	20.8
5 1	16 50.07	−27 31.1	1.750	2.646	12.3	20.6
5 11	16 43.77	−27 34.0	1.684	2.642	8.7	20.3
5 21	16 35.45	−27 27.8	1.641	2.639	4.7	20.1
5 31	16 26.09	−27 12.5	1.625	2.636	2.1	19.9
6 10	16 16.87	−26 49.5	1.635	2.634	5.1	20.1
6 20	16 8.88	−26 22.3	1.671	2.631	9.1	20.3
6 30	16 3.02	−25 54.8	1.730	2.629	12.8	20.5

498758 2008 UX_{12} 5 29.8 166°.31 1°.4/30.4 17

4 21	16 56.40	−26 39.4	2.475	3.266	12.5	22.8
5 1	16 51.28	−26 42.5	2.387	3.270	9.9	22.6
5 11	16 44.12	−26 39.4	2.321	3.275	6.9	22.4
5 21	16 35.47	−26 29.5	2.281	3.279	3.6	22.2
5 31	16 26.10	−26 12.8	2.270	3.282	1.4	22.1
6 10	16 16.89	−25 50.8	2.288	3.284	4.0	22.2
6 20	16 8.66	−25 26.0	2.333	3.287	7.3	22.5
6 30	16 2.08	−25 1.3	2.405	3.288	10.3	22.6

325126 2008 EM_{113} 5 29.8 89°.09 3°.6/30.9 17

4 21	16 59.82	−30 28.5	1.644	2.448	17.3	21.4
5 1	16 54.99	−30 51.0	1.576	2.464	13.9	21.2
5 11	16 47.12	−31 3.1	1.528	2.480	10.0	21.0
5 21	16 37.01	−31 1.9	1.504	2.496	6.0	20.8
5 31	16 25.89	−30 46.2	1.505	2.511	3.6	20.7
6 10	16 15.20	−30 18.3	1.532	2.527	5.9	20.9
6 20	16 6.17	−29 42.5	1.585	2.542	9.8	21.2
6 30	15 59.72	−29 4.6	1.661	2.557	13.4	21.4

496859 1999 WB_{18} 5 29.8 197°.79 0°.7/29.5 17

4 21	16 57.65	−21 39.0	2.106	2.910	14.0	23.3
5 1	16 52.58	−21 16.3	2.013	2.907	11.0	23.1
5 11	16 45.19	−20 48.5	1.942	2.903	7.5	22.9
5 21	16 36.05	−20 16.3	1.897	2.898	3.6	22.6
5 31	16 26.03	−19 41.3	1.880	2.893	0.9	22.4
6 10	16 16.14	−19 6.0	1.891	2.887	4.9	22.7
6 20	16 7.35	−18 33.7	1.929	2.880	8.8	22.9
6 30	16 0.43	−18 7.3	1.992	2.872	12.2	23.1

143859 2003 YD_{13} 5 29.8 101°.18 1°.4/30.2 18

4 21	16 59.43	−25 34.7	1.715	2.525	16.4	20.4
5 1	16 54.36	−25 40.8	1.647	2.542	13.0	20.2
5 11	16 46.53	−25 39.9	1.600	2.560	8.9	20.0
5 21	16 36.68	−25 31.0	1.577	2.577	4.5	19.7
5 31	16 25.95	−25 14.1	1.580	2.593	1.4	19.6
6 10	16 15.62	−24 51.5	1.611	2.609	5.2	19.8
6 20	16 6.81	−24 26.7	1.667	2.625	9.3	20.1
6 30	16 0.36	−24 3.8	1.747	2.640	13.0	20.4

36584 2000 QE_{127} 5 29.8 190°.17 5°.6/ 1.5 18

4 21	16 58.84	−42 1.1	3.105	3.831	11.6	20.0
5 1	16 53.26	−42 43.1	3.009	3.830	9.9	19.9
5 11	16 45.54	−43 14.6	2.934	3.828	8.1	19.7
5 21	16 36.21	−43 32.3	2.885	3.825	6.5	19.6
5 31	16 26.01	−43 34.2	2.862	3.822	5.6	19.5
6 10	16 15.88	−43 20.2	2.867	3.819	6.1	19.6
6 20	16 6.67	−42 52.5	2.898	3.815	7.6	19.7
6 30	15 59.12	−42 14.7	2.955	3.811	9.4	19.8

56878 2000 QT_{115} 5 29.8 317°.05 1°.9/30.6 18

4 21	16 52.43	−27 49.0	2.013	2.822	14.4	19.1
5 1	16 48.83	−27 50.8	1.919	2.813	11.5	18.9
5 11	16 42.84	−27 44.6	1.847	2.804	8.1	18.6
5 21	16 34.99	−27 29.5	1.798	2.795	4.4	18.4
5 31	16 26.18	−27 5.4	1.776	2.787	1.9	18.2
6 10	16 17.47	−26 34.3	1.781	2.779	4.8	18.4
6 20	16 9.85	−25 59.5	1.812	2.771	8.6	18.6
6 30	16 4.15	−25 24.9	1.866	2.763	12.1	18.8

499513 2010 OO_{114} 5 29.8 244°.78 1°.7/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.44	−25 38.3	1.945	2.746	15.1	22.7
5 1	16 54.60	−25 56.6	1.839	2.729	12.1	22.4
5 11	16 46.98	−26 9.8	1.755	2.711	8.5	22.2
5 21	16 37.10	−26 16.0	1.694	2.692	4.5	21.9
5 31	16 25.87	−26 14.0	1.661	2.673	1.7	21.7
6 10	16 14.52	−26 4.5	1.656	2.653	5.2	21.8
6 20	16 4.27	−25 49.7	1.677	2.632	9.5	22.0
6 30	15 56.16	−25 33.6	1.722	2.611	13.4	22.2

432379 2009 WQ_{168} 5 29.8 215°.27 1°.0/29.4 17

4 21	16 55.17	−20 2.4	1.976	2.790	14.4	21.9
5 1	16 50.81	−19 48.4	1.886	2.786	11.4	21.7
5 11	16 44.09	−19 31.1	1.818	2.781	7.8	21.5
5 21	16 35.57	−19 11.3	1.775	2.777	3.8	21.2
5 31	16 26.11	−18 50.4	1.759	2.772	1.2	21.0
6 10	16 16.78	−18 30.6	1.770	2.766	5.1	21.3
6 20	16 8.54	−18 14.2	1.808	2.761	9.1	21.5
6 30	16 2.20	−18 3.8	1.870	2.755	12.6	21.7

121063 1999 CO_{121} 5 29.8 52°.48 9°.2/30.6 18

4 21	17 5.15	+ 2 1.9	1.237	2.042	21.8	18.6
5 1	16 59.43	+ 1 31.6	1.179	2.058	18.2	18.4
5 11	16 50.29	+ 0 36.8	1.139	2.074	14.3	18.2
5 21	16 38.57	− 0 45.8	1.120	2.091	10.7	18.0
5 31	16 25.70	− 2 35.3	1.125	2.108	9.2	18.0
6 10	16 13.33	− 4 46.2	1.155	2.126	10.9	18.1
6 20	16 2.90	− 7 10.1	1.210	2.143	14.3	18.4
6 30	15 55.44	− 9 38.6	1.287	2.161	17.9	18.7

317900 2003 UU_{217} 5 29.8 171°.28 0°.6/29.5 17

4 21	16 58.30	−21 54.3	2.013	2.818	14.5	22.1
5 1	16 53.13	−21 33.2	1.928	2.822	11.4	21.9
5 11	16 45.56	−21 6.9	1.865	2.826	7.8	21.7
5 21	16 36.22	−20 36.1	1.827	2.829	3.7	21.4
5 31	16 26.03	−20 2.3	1.817	2.831	0.9	21.2
6 10	16 16.07	−19 28.2	1.836	2.832	4.9	21.5
6 20	16 7.30	−18 57.0	1.881	2.832	8.9	21.7
6 30	16 0.50	−18 31.8	1.951	2.832	12.4	22.0

173747 2001 RL_{30} 5 29.8 218°.45 1°.9/29.0 18

4 21	16 52.74	−16 56.9	2.373	3.182	12.5	20.5
5 1	16 48.46	−16 39.5	2.281	3.178	9.8	20.3
5 11	16 42.25	−16 21.2	2.212	3.173	6.7	20.1
5 21	16 34.62	−16 3.2	2.168	3.168	3.5	19.9
5 31	16 26.26	−15 46.9	2.153	3.163	2.0	19.8
6 10	16 17.99	−15 34.2	2.165	3.157	4.8	20.0
6 20	16 10.58	−15 26.6	2.205	3.151	8.1	20.2
6 30	16 4.69	−15 25.5	2.270	3.145	11.1	20.4

219636 2001 UD_{57} 5 29.8 132°.51 0°.5/29.6 18

4 21	16 55.61	−22 2.1	1.809	2.626	15.4	20.8
5 1	16 51.30	−21 45.1	1.729	2.630	12.1	20.6
5 11	16 44.46	−21 22.9	1.671	2.635	8.3	20.4
5 21	16 35.74	−20 56.2	1.637	2.639	3.9	20.1
5 31	16 26.11	−20 26.5	1.629	2.643	0.8	19.9
6 10	16 16.73	−19 56.6	1.649	2.646	5.2	20.2
6 20	16 8.63	−19 29.6	1.694	2.650	9.3	20.5
6 30	16 2.62	−19 8.7	1.763	2.653	13.0	20.7

210228 2007 RT_{111} 5 29.8 155°.05 3°.3/28.6 17

4 21	16 57.39	−15 34.8	1.734	2.552	15.9	21.5
5 1	16 52.66	−14 58.6	1.657	2.558	12.6	21.3
5 11	16 45.37	−14 21.5	1.602	2.564	8.7	21.1
5 21	16 36.17	−13 46.1	1.571	2.569	4.8	20.8
5 31	16 26.06	−13 15.3	1.567	2.573	3.4	20.8
6 10	16 16.23	−12 52.2	1.589	2.577	6.6	21.0
6 20	16 7.70	−12 39.2	1.637	2.581	10.5	21.2
6 30	16 1.31	−12 37.6	1.708	2.584	14.1	21.4

204078 2003 WX_{16} 5 29.8 189°.46 0°.2/29.9 17

4 21	16 54.53	−23 17.6	2.194	3.000	13.4	21.0
5 1	16 50.09	−23 10.6	2.105	3.000	10.6	20.8
5 11	16 43.47	−22 58.9	2.038	2.999	7.2	20.6
5 21	16 35.24	−22 42.2	1.997	2.998	3.5	20.3
5 31	16 26.20	−22 21.5	1.983	2.997	0.5	20.1
6 10	16 17.30	−21 58.6	1.997	2.995	4.4	20.4
6 20	16 9.43	−21 36.1	2.038	2.993	8.1	20.6
6 30	16 3.30	−21 16.6	2.104	2.991	11.4	20.8

382014 2011 BQ_{11} 5 29.8 338°.78 6°.9/29.0 18

4 21	16 52.11	− 6 18.8	1.293	2.134	19.0	19.2
5 1	16 49.58	− 6 15.2	1.212	2.120	15.6	18.9
5 11	16 43.94	− 6 24.3	1.149	2.107	11.7	18.6
5 21	16 35.76	− 6 50.4	1.107	2.096	8.1	18.4
5 31	16 26.11	− 7 36.2	1.088	2.085	6.9	18.3
6 10	16 16.43	− 8 41.7	1.091	2.075	9.5	18.4
6 20	16 8.13	−10 4.1	1.118	2.067	13.7	18.6
6 30	16 2.36	−11 39.3	1.164	2.060	17.9	18.8

254023 2004 FV_{106} 5 29.8 130°.73 0°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.86	−24 6.3	1.864	2.673	15.4	21.1
5 1	16 52.96	−23 58.9	1.788	2.683	12.1	20.9
5 11	16 45.53	−23 45.2	1.732	2.693	8.3	20.7
5 21	16 36.23	−23 25.2	1.702	2.703	4.0	20.5
5 31	16 26.07	−22 59.7	1.698	2.712	0.7	20.2
6 10	16 16.21	−22 31.3	1.722	2.720	4.9	20.6
6 20	16 7.67	−22 3.0	1.772	2.729	9.0	20.8
6 30	16 1.26	−21 38.5	1.846	2.736	12.6	21.1

21179 1994 CL_{18} 5 29.8 208°.65 3°.7/28.7 17

4 21	16 56.59	−13 24.8	1.709	2.530	16.0	19.3
5 1	16 52.21	−13 3.4	1.625	2.527	12.8	19.1
5 11	16 45.20	−12 44.0	1.563	2.523	9.0	18.9
5 21	16 36.17	−12 28.7	1.524	2.520	5.2	18.7
5 31	16 26.07	−12 20.1	1.511	2.516	3.9	18.6
6 10	16 16.11	−12 20.3	1.524	2.512	6.9	18.7
6 20	16 7.37	−12 30.5	1.563	2.507	10.9	18.9
6 30	16 0.76	−12 51.2	1.624	2.502	14.6	19.2

145267 2005 JW_{134} 5 29.8 267°.52 1°.8/29.1 18

4 21	16 52.75	−17 21.3	2.211	3.024	13.1	20.7
5 1	16 48.73	−17 6.4	2.111	3.010	10.4	20.5
5 11	16 42.60	−16 50.2	2.034	2.996	7.1	20.2
5 21	16 34.87	−16 34.0	1.982	2.983	3.7	20.0
5 31	16 26.25	−16 19.2	1.958	2.969	2.0	19.9
6 10	16 17.66	−16 7.7	1.962	2.954	5.0	20.0
6 20	16 9.95	−16 1.2	1.992	2.940	8.6	20.2
6 30	16 3.86	−16 1.3	2.046	2.926	11.9	20.4

179255 2001 UY_{134} 5 29.8 167°.48 2°.6/30.6 17

4 21	16 57.43	−28 44.8	2.671	3.451	12.0	20.5
5 1	16 52.12	−29 25.4	2.580	3.454	9.6	20.4
5 11	16 44.77	−30 1.1	2.511	3.457	6.9	20.2
5 21	16 35.87	−30 29.6	2.470	3.460	4.1	20.0
5 31	16 26.14	−30 49.6	2.457	3.462	2.6	19.9
6 10	16 16.45	−31 0.9	2.473	3.464	4.3	20.0
6 20	16 7.64	−31 4.6	2.517	3.465	7.1	20.2
6 30	16 0.41	−31 3.3	2.587	3.466	9.8	20.4

338650 2003 SH_{329} 5 29.8 287°.44 0°.7/29.6 18

4 21	16 54.23	−19 46.2	1.878	2.697	14.9	20.4
5 1	16 50.37	−19 51.4	1.782	2.684	11.8	20.1
5 11	16 44.00	−19 55.1	1.707	2.672	8.1	19.9
5 21	16 35.64	−19 57.2	1.657	2.659	3.9	19.6
5 31	16 26.16	−19 58.3	1.633	2.647	0.9	19.3
6 10	16 16.68	−19 59.5	1.636	2.634	5.2	19.6
6 20	16 8.26	−20 2.4	1.665	2.622	9.4	19.8
6 30	16 1.80	−20 9.0	1.718	2.609	13.2	20.0

342755 2008 WG_{78} 5 29.8 236°.15 1°.4/29.2 18

4 21	16 54.16	−19 18.4	2.260	3.068	13.0	22.3
5 1	16 49.76	−18 53.0	2.160	3.057	10.3	22.1
5 11	16 43.27	−18 24.3	2.083	3.045	7.0	21.8
5 21	16 35.18	−17 53.3	2.032	3.032	3.5	21.6
5 31	16 26.24	−17 21.9	2.008	3.020	1.6	21.4
6 10	16 17.37	−16 52.4	2.013	3.007	4.9	21.6
6 20	16 9.40	−16 27.5	2.045	2.993	8.5	21.8
6 30	16 3.08	−16 9.5	2.101	2.979	11.8	22.0

294955 2008 DR_{82} 5 29.8 32°.63 0°.9/29.4 18

4 21	16 51.92	−19 30.0	2.223	3.037	13.0	20.8
5 1	16 47.95	−19 23.5	2.139	3.039	10.2	20.6
5 11	16 41.98	−19 15.1	2.078	3.041	6.9	20.4
5 21	16 34.52	−19 5.3	2.042	3.044	3.3	20.2
5 31	16 26.34	−18 55.1	2.034	3.047	1.1	20.0
6 10	16 18.31	−18 46.1	2.053	3.049	4.5	20.3
6 20	16 11.22	−18 40.0	2.099	3.052	8.0	20.5
6 30	16 5.76	−18 38.4	2.169	3.055	11.1	20.7

47536 2000 AB_{102} 5 29.8 94°.29 3°.5/29.1 18 R

4 21	16 58.52	−12 39.7	1.627	2.447	16.8	18.8
5 1	16 53.62	−12 36.6	1.561	2.461	13.3	18.6
5 11	16 46.04	−12 37.7	1.515	2.476	9.3	18.4
5 21	16 36.51	−12 44.4	1.494	2.490	5.3	18.2
5 31	16 26.08	−12 58.0	1.498	2.504	3.7	18.1
6 10	16 15.98	−13 19.3	1.529	2.518	6.7	18.3
6 20	16 7.30	−13 48.2	1.585	2.532	10.6	18.6
6 30	16 0.88	−14 24.5	1.664	2.545	14.2	18.8

371245 2006 BJ_{144} 5 29.8 150°.35 6°.2/26.8 17

4 21	16 54.45	− 3 32.6	2.512	3.301	12.4	22.3
5 1	16 49.42	− 2 35.3	2.441	3.312	10.2	22.2
5 11	16 42.69	− 1 44.2	2.393	3.322	8.1	22.1
5 21	16 34.77	− 1 2.8	2.371	3.332	6.5	22.0
5 31	16 26.32	− 0 34.3	2.377	3.341	6.4	22.0
6 10	16 18.08	− 0 20.8	2.410	3.350	7.7	22.1
6 20	16 10.71	− 0 22.6	2.468	3.357	9.8	22.2
6 30	16 4.75	− 0 39.1	2.550	3.364	11.9	22.4

493582 2015 LT_{31} 5 29.8 258°.55 2°.5/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.23	−30 41.4	2.500	3.287	12.5	21.2
5 1	16 49.00	−30 41.0	2.400	3.279	10.1	21.0
5 11	16 42.71	−30 31.9	2.322	3.270	7.3	20.8
5 21	16 34.90	−30 13.1	2.269	3.261	4.3	20.6
5 31	16 26.29	−29 44.5	2.245	3.252	2.5	20.5
6 10	16 17.79	−29 7.8	2.248	3.243	4.3	20.6
6 20	16 10.21	−28 25.9	2.279	3.233	7.4	20.8
6 30	16 4.26	−27 42.7	2.335	3.224	10.3	20.9

289390 2005 CY_{34} 5 29.8 283°.16 0°.5/29.6 17

4 21	16 53.80	−20 48.8	1.942	2.759	14.5	21.1
5 1	16 49.86	−20 45.9	1.852	2.754	11.5	20.8
5 11	16 43.52	−20 40.0	1.784	2.748	7.8	20.6
5 21	16 35.36	−20 31.4	1.741	2.743	3.8	20.3
5 31	16 26.23	−20 20.7	1.724	2.737	0.8	20.1
6 10	16 17.19	−20 9.8	1.734	2.732	4.9	20.4
6 20	16 9.24	−20 0.7	1.770	2.726	9.0	20.6
6 30	16 3.20	−19 55.8	1.830	2.721	12.6	20.8

426966 2013 YV_{71} 5 29.8 325°.18 2°.4/30.2 17

4 21	16 52.15	−24 53.2	1.375	2.214	18.2	20.3
5 1	16 49.97	−25 29.0	1.282	2.194	14.7	20.0
5 11	16 44.48	−26 1.3	1.207	2.174	10.4	19.7
5 21	16 36.16	−26 27.3	1.154	2.154	5.6	19.3
5 31	16 26.09	−26 44.9	1.124	2.136	2.4	19.1
6 10	16 15.82	−26 53.8	1.118	2.118	6.5	19.3
6 20	16 6.95	−26 55.8	1.135	2.101	11.6	19.5
6 30	16 0.80	−26 55.1	1.172	2.086	16.4	19.7

472828 2015 FS_{177} 5 29.8 314°.76 4°.3/28.3 17

4 21	16 52.42	−12 22.9	1.800	2.625	15.2	21.0
5 1	16 48.79	−11 49.0	1.717	2.620	12.1	20.8
5 11	16 42.80	−11 17.0	1.655	2.615	8.6	20.6
5 21	16 35.01	−10 49.9	1.617	2.611	5.4	20.4
5 31	16 26.29	−10 30.7	1.605	2.606	4.4	20.3
6 10	16 17.71	−10 22.0	1.619	2.602	7.1	20.4
6 20	16 10.22	−10 25.3	1.657	2.598	10.6	20.6
6 30	16 4.65	−10 41.0	1.718	2.594	14.0	20.8

131191 2001 DC_{7} 5 29.8 11°.11 5°.2/31.5 18

4 21	16 57.21	−34 19.9	1.895	2.684	15.9	19.8
5 1	16 52.98	−35 0.1	1.811	2.685	13.1	19.6
5 11	16 45.89	−35 29.5	1.747	2.685	9.9	19.4
5 21	16 36.57	−35 44.5	1.706	2.685	6.8	19.2
5 31	16 26.07	−35 42.4	1.690	2.686	5.2	19.1
6 10	16 15.72	−35 24.0	1.701	2.686	6.6	19.2
6 20	16 6.74	−34 52.5	1.737	2.687	9.6	19.4
6 30	16 0.10	−34 13.6	1.796	2.687	12.8	19.6

180467 2004 CC_{27} 5 29.8 86°.69 1°.7/29.3 17

4 21	16 56.89	−18 49.2	1.610	2.434	16.7	20.9
5 1	16 52.42	−18 31.0	1.544	2.449	13.1	20.7
5 11	16 45.26	−18 10.4	1.498	2.463	8.9	20.4
5 21	16 36.14	−17 48.6	1.476	2.477	4.4	20.2
5 31	16 26.15	−17 27.8	1.480	2.491	1.9	20.1
6 10	16 16.54	−17 10.4	1.510	2.505	5.9	20.4
6 20	16 8.40	−16 59.0	1.565	2.519	10.1	20.6
6 30	16 2.53	−16 55.5	1.643	2.533	13.8	20.9

308031 2004 SH_{5} 5 29.8 208°.56 1°.4/30.3 17

4 21	16 59.77	−26 7.4	1.783	2.589	16.1	22.1
5 1	16 54.91	−26 8.2	1.691	2.584	12.8	21.9
5 11	16 47.17	−26 1.3	1.620	2.578	9.0	21.6
5 21	16 37.18	−25 45.5	1.573	2.572	4.6	21.3
5 31	16 25.99	−25 20.6	1.552	2.564	1.5	21.1
6 10	16 14.91	−24 48.9	1.558	2.557	5.3	21.3
6 20	16 5.17	−24 14.1	1.591	2.548	9.7	21.6
6 30	15 57.77	−23 41.0	1.647	2.539	13.7	21.8

39128 2000 WM_{46} 5 29.8 182°.84 1°.2/29.2 18

4 21	16 51.88	−18 53.8	2.654	3.459	11.4	20.5
5 1	16 47.57	−18 36.2	2.564	3.459	8.9	20.3
5 11	16 41.54	−18 16.7	2.498	3.459	6.1	20.2
5 21	16 34.28	−17 55.9	2.458	3.458	3.0	20.0
5 31	16 26.41	−17 35.4	2.446	3.458	1.3	19.8
6 10	16 18.66	−17 16.8	2.464	3.457	4.1	20.0
6 20	16 11.70	−17 1.6	2.508	3.456	7.1	20.2
6 30	16 6.10	−16 51.7	2.579	3.455	9.9	20.4

299748 2006 RP_{93} 5 29.8 127°.45 4°.9/26.9 17

4 21	16 51.47	− 8 49.1	2.498	3.302	12.0	21.1
5 1	16 47.16	− 7 44.7	2.425	3.312	9.7	21.0
5 11	16 41.20	− 6 42.8	2.375	3.321	7.2	20.8
5 21	16 34.08	− 5 46.8	2.351	3.330	5.3	20.7
5 31	16 26.44	− 5 0.4	2.356	3.339	5.1	20.7
6 10	16 19.02	− 4 26.0	2.388	3.347	6.7	20.8
6 20	16 12.43	− 4 5.1	2.446	3.355	9.1	21.0
6 30	16 7.22	− 3 58.0	2.527	3.363	11.4	21.1

359508 2010 RJ_{12} 5 29.8 286°.42 8°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.00	+ 1 2.3	2.422	3.209	12.9	21.2
5 1	16 47.18	+ 2 17.3	2.318	3.178	11.1	21.0
5 11	16 41.50	+ 3 25.9	2.235	3.147	9.4	20.9
5 21	16 34.36	+ 4 22.9	2.177	3.115	8.4	20.7
5 31	16 26.39	+ 5 3.5	2.144	3.082	8.6	20.7
6 10	16 18.34	+ 5 24.3	2.137	3.050	10.0	20.7
6 20	16 10.95	+ 5 23.8	2.154	3.017	12.1	20.8
6 30	16 4.92	+ 5 2.6	2.192	2.984	14.3	20.9

16121 Burrell 5 29.8 30°.90 0°.6/29.6 18

4 21	16 54.15	−21 33.8	1.338	2.179	18.6	18.4
5 1	16 50.98	−21 22.1	1.271	2.185	14.6	18.1
5 11	16 44.68	−21 5.2	1.223	2.192	9.9	17.9
5 21	16 35.99	−20 43.7	1.196	2.199	4.7	17.6
5 31	16 26.18	−20 19.6	1.194	2.207	1.0	17.4
6 10	16 16.72	−19 56.0	1.216	2.216	6.2	17.7
6 20	16 8.93	−19 36.5	1.262	2.225	11.1	18.0
6 30	16 3.75	−19 24.5	1.328	2.234	15.4	18.3

313364 2002 GS_{190} 5 29.8 301°.98 5°.5/28.5 17

4 21	16 54.03	−10 44.5	1.397	2.235	18.1	20.0
5 1	16 50.93	−10 17.8	1.312	2.221	14.6	19.7
5 11	16 44.79	− 9 55.8	1.245	2.207	10.6	19.5
5 21	16 36.17	− 9 42.3	1.199	2.193	6.8	19.2
5 31	16 26.15	− 9 41.2	1.178	2.179	5.7	19.1
6 10	16 16.10	− 9 54.9	1.181	2.166	8.8	19.2
6 20	16 7.38	−10 24.2	1.206	2.153	13.1	19.4
6 30	16 1.11	−11 8.3	1.252	2.141	17.3	19.7

214081 Balavoine 5 29.8 166°.48 0°.5/29.6 18

4 21	16 54.32	−19 49.7	2.526	3.327	12.0	20.9
5 1	16 49.59	−19 54.2	2.438	3.330	9.4	20.8
5 11	16 42.99	−19 57.2	2.373	3.333	6.4	20.6
5 21	16 35.01	−19 58.8	2.334	3.336	3.1	20.4
5 31	16 26.33	−19 59.2	2.324	3.338	0.7	20.2
6 10	16 17.77	−19 59.5	2.343	3.339	4.0	20.4
6 20	16 10.07	−20 0.8	2.390	3.341	7.3	20.6
6 30	16 3.85	−20 4.7	2.462	3.342	10.2	20.8

389166 2009 BU_{88} 5 29.8 212°.81 3°.4/28.3 18

4 21	16 53.45	−11 47.1	2.590	3.391	11.8	21.9
5 1	16 48.83	−11 18.6	2.495	3.384	9.4	21.8
5 11	16 42.44	−10 51.7	2.422	3.376	6.7	21.6
5 21	16 34.75	−10 28.3	2.377	3.367	4.2	21.4
5 31	16 26.37	−10 10.5	2.359	3.358	3.5	21.3
6 10	16 18.06	−10 0.2	2.370	3.348	5.5	21.4
6 20	16 10.52	− 9 58.4	2.409	3.338	8.3	21.6
6 30	16 4.34	−10 5.9	2.472	3.328	11.0	21.8

324963 2007 YT_{74} 5 29.8 77°.10 0°.1/29.8 17

4 21	16 56.93	−23 7.9	1.521	2.347	17.5	21.2
5 1	16 52.76	−22 57.0	1.453	2.359	13.7	21.0
5 11	16 45.65	−22 39.9	1.405	2.371	9.3	20.7
5 21	16 36.39	−22 16.8	1.380	2.382	4.5	20.5
5 31	16 26.15	−21 48.9	1.381	2.394	0.6	20.2
6 10	16 16.31	−21 19.5	1.407	2.406	5.6	20.6
6 20	16 8.04	−20 52.4	1.458	2.418	10.2	20.9
6 30	16 2.24	−20 31.1	1.531	2.430	14.2	21.2

497216 2004 XF_{24} 5 29.8 179°.11 0°.2/29.9 18

4 21	16 57.88	−21 22.3	2.521	3.313	12.3	22.0
5 1	16 52.43	−21 40.9	2.428	3.315	9.7	21.9
5 11	16 44.97	−21 57.6	2.359	3.316	6.6	21.7
5 21	16 35.98	−22 11.8	2.317	3.317	3.2	21.4
5 31	16 26.21	−22 23.1	2.303	3.317	0.5	21.2
6 10	16 16.50	−22 31.8	2.319	3.316	4.0	21.5
6 20	16 7.68	−22 39.2	2.364	3.315	7.4	21.7
6 30	16 0.44	−22 46.7	2.435	3.313	10.3	21.9

273626 2007 DU_{33} 5 29.8 170°.60 3°.7/28.2 17

4 21	16 55.86	−12 1.4	2.349	3.151	12.8	22.2
5 1	16 50.77	−11 26.8	2.266	3.155	10.2	22.0
5 11	16 43.77	−10 53.9	2.206	3.159	7.2	21.8
5 21	16 35.37	−10 24.7	2.172	3.162	4.5	21.7
5 31	16 26.30	−10 1.7	2.166	3.165	3.8	21.6
6 10	16 17.40	− 9 47.0	2.189	3.167	5.9	21.8
6 20	16 9.43	− 9 41.9	2.238	3.168	8.9	22.0
6 30	16 3.03	− 9 47.0	2.313	3.168	11.7	22.1

469987 2006 HJ_{123} 5 29.8 316°.13 0°.2/28.9 15

4 21	16 30.95	−16 20.9	32.711	33.510	1.1	21.3
5 1	16 30.15	−16 17.5	32.609	33.502	0.8	21.2
5 11	16 29.25	−16 14.2	32.534	33.493	0.5	21.2
5 21	16 28.29	−16 11.0	32.486	33.485	0.3	21.2
5 31	16 27.28	−16 7.9	32.467	33.476	0.2	21.1
6 10	16 26.29	−16 5.2	32.478	33.468	0.4	21.2
6 20	16 25.33	−16 2.8	32.517	33.459	0.7	21.2
6 30	16 24.46	−16 0.9	32.583	33.451	0.9	21.2

156580 2002 EF_{157} 5 29.8 341°.20 10°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.57	+ 0 15.0	1.553	2.370	17.5	19.7
5 1	16 48.42	+ 1 14.9	1.481	2.364	14.9	19.6
5 11	16 42.70	+ 2 2.0	1.428	2.359	12.3	19.4
5 21	16 35.02	+ 2 29.9	1.397	2.354	10.5	19.3
5 31	16 26.34	+ 2 32.9	1.389	2.349	10.3	19.2
6 10	16 17.81	+ 2 9.0	1.403	2.345	12.0	19.3
6 20	16 10.51	+ 1 19.1	1.439	2.342	14.6	19.5
6 30	16 5.28	+ 0 7.1	1.495	2.339	17.4	19.6

471172 2010 JC_{80} 5 29.8 353°.16 0°.0/29.9 15

4 21	16 31.12	−22 50.9	31.238	32.030	1.1	21.1
5 1	16 30.30	−22 49.5	31.138	32.026	0.9	21.0
5 11	16 29.35	−22 47.9	31.064	32.023	0.6	21.0
5 21	16 28.33	−22 46.0	31.018	32.019	0.3	21.0
5 31	16 27.28	−22 43.9	31.002	32.015	0.0	20.9
6 10	16 26.23	−22 41.8	31.014	32.012	0.3	21.0
6 20	16 25.22	−22 39.6	31.055	32.008	0.6	21.0
6 30	16 24.30	−22 37.6	31.123	32.004	0.9	21.0

316092 2009 KT_{30} 5 29.8 357°.33 2°.0/29.5 17

4 21	16 48.91	−17 29.2	1.047	1.915	20.6	20.6
5 1	16 47.74	−17 33.7	0.980	1.909	16.4	20.3
5 11	16 43.01	−17 39.2	0.930	1.905	11.3	20.0
5 21	16 35.42	−17 46.8	0.899	1.903	5.6	19.7
5 31	16 26.28	−17 57.8	0.890	1.902	2.2	19.5
6 10	16 17.33	−18 13.7	0.902	1.903	7.4	19.8
6 20	16 10.17	−18 35.7	0.935	1.905	13.0	20.1
6 30	16 6.01	−19 4.9	0.987	1.909	17.9	20.4

241401 2008 TF_{170} 5 29.8 145°.68 4°.2/28.7 18

4 21	16 59.20	−12 45.1	1.627	2.445	16.8	21.5
5 1	16 54.23	−12 17.9	1.554	2.454	13.4	21.3
5 11	16 46.53	−11 53.1	1.503	2.462	9.4	21.1
5 21	16 36.81	−11 33.5	1.475	2.469	5.6	20.9
5 31	16 26.11	−11 21.8	1.473	2.476	4.3	20.8
6 10	16 15.71	−11 20.2	1.497	2.483	7.3	21.0
6 20	16 6.71	−11 29.7	1.547	2.488	11.2	21.2
6 30	15 59.99	−11 50.6	1.619	2.493	14.8	21.5

410349 2007 UZ_{128} 5 29.8 157°.71 0°.3/29.7 17

4 21	16 59.06	−21 25.7	1.874	2.683	15.3	22.4
5 1	16 53.95	−21 22.0	1.794	2.690	12.0	22.1
5 11	16 46.27	−21 14.5	1.734	2.696	8.2	21.9
5 21	16 36.67	−21 3.1	1.700	2.701	3.9	21.7
5 31	16 26.13	−20 48.8	1.693	2.706	0.7	21.4
6 10	16 15.82	−20 33.3	1.713	2.710	5.1	21.8
6 20	16 6.79	−20 19.2	1.760	2.714	9.2	22.0
6 30	15 59.88	−20 9.2	1.831	2.717	12.8	22.2

241739 2000 XR_{8} 5 29.8 205°.65 0°.3/29.9 18

4 21	16 54.96	−21 18.7	2.795	3.589	11.2	20.4
5 1	16 50.01	−21 41.8	2.697	3.585	8.8	20.2
5 11	16 43.27	−22 3.7	2.623	3.581	6.0	20.0
5 21	16 35.17	−22 23.5	2.576	3.576	2.9	19.8
5 31	16 26.34	−22 41.0	2.558	3.571	0.5	19.6
6 10	16 17.52	−22 56.2	2.569	3.566	3.6	19.9
6 20	16 9.44	−23 9.9	2.610	3.561	6.7	20.0
6 30	16 2.71	−23 23.3	2.676	3.555	9.5	20.2

214617 2006 RP_{56} 5 29.8 163°.35 0°.7/29.5 18

4 21	16 53.00	−20 21.5	2.605	3.407	11.7	22.1
5 1	16 48.47	−20 7.9	2.518	3.411	9.1	21.9
5 11	16 42.18	−19 51.5	2.454	3.415	6.2	21.7
5 21	16 34.61	−19 33.0	2.417	3.418	3.0	21.5
5 31	16 26.42	−19 13.5	2.408	3.421	0.9	21.3
6 10	16 18.38	−18 54.6	2.428	3.423	4.0	21.6
6 20	16 11.18	−18 38.2	2.475	3.425	7.1	21.8
6 30	16 5.40	−18 25.9	2.549	3.427	9.9	22.0

356356 2010 LZ_{102} 5 29.8 239°.58 2°.2/28.8 18

4 21	16 51.36	−15 29.2	2.647	3.453	11.4	21.2
5 1	16 47.22	−15 8.2	2.549	3.443	9.0	21.0
5 11	16 41.37	−14 46.9	2.475	3.434	6.2	20.8
5 21	16 34.25	−14 26.7	2.427	3.424	3.4	20.6
5 31	16 26.47	−14 9.2	2.407	3.414	2.3	20.5
6 10	16 18.74	−13 56.1	2.416	3.404	4.7	20.7
6 20	16 11.74	−13 48.8	2.452	3.394	7.6	20.8
6 30	16 6.07	−13 48.3	2.514	3.383	10.4	21.0

253391 2003 LM_{1} 5 29.8 327°.06 2°.5/28.6 18

4 21	16 49.05	−18 12.6	1.907	2.736	14.3	19.8
5 1	16 46.18	−17 27.6	1.812	2.720	11.3	19.6
5 11	16 41.06	−16 38.2	1.738	2.704	7.8	19.3
5 21	16 34.22	−15 46.9	1.688	2.689	4.1	19.1
5 31	16 26.46	−14 56.9	1.665	2.674	2.7	18.9
6 10	16 18.77	−14 12.2	1.668	2.660	5.9	19.1
6 20	16 12.08	−13 36.2	1.697	2.646	9.8	19.3
6 30	16 7.16	−13 11.5	1.748	2.634	13.4	19.5

335594 2006 DL_{153} 5 29.8 215°.77 4°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.86	−11 33.4	2.051	2.866	13.9	21.6
5 1	16 48.79	−10 36.2	1.967	2.863	11.1	21.4
5 11	16 42.61	− 9 39.6	1.904	2.860	8.1	21.2
5 21	16 34.88	− 8 47.4	1.867	2.856	5.4	21.1
5 31	16 26.38	− 8 3.3	1.857	2.852	4.9	21.0
6 10	16 18.03	− 7 30.9	1.874	2.848	7.1	21.2
6 20	16 10.68	− 7 12.2	1.917	2.843	10.2	21.3
6 30	16 5.01	− 7 8.0	1.982	2.839	13.2	21.5

59390 Habermas 5 29.8 250°.57 2°.1/30.6 18

4 21	16 54.96	−27 33.4	2.294	3.090	13.2	19.3
5 1	16 50.57	−27 52.7	2.196	3.081	10.6	19.1
5 11	16 43.95	−28 6.3	2.119	3.073	7.5	18.9
5 21	16 35.59	−28 12.5	2.068	3.064	4.2	18.7
5 31	16 26.28	−28 10.5	2.045	3.055	2.1	18.5
6 10	16 17.00	−28 1.2	2.049	3.045	4.5	18.7
6 20	16 8.67	−27 46.5	2.081	3.036	7.9	18.9
6 30	16 2.09	−27 29.6	2.137	3.026	11.1	19.0

511144 2013 YX_6 5 29.8 308°.84 1°.6/29.4 17

4 21	16 54.41	−17 8.7	1.668	2.495	16.1	20.5
5 1	16 50.80	−17 16.0	1.578	2.485	12.8	20.2
5 11	16 44.47	−17 24.3	1.508	2.474	8.8	20.0
5 21	16 35.97	−17 34.1	1.462	2.464	4.4	19.7
5 31	16 26.24	−17 46.0	1.442	2.454	1.8	19.5
6 10	16 16.51	−18 0.9	1.447	2.444	5.9	19.7
6 20	16 7.95	−18 19.6	1.478	2.435	10.3	19.9
6 30	16 1.57	−18 43.5	1.531	2.426	14.4	20.2

178849 2001 JZ_7 5 29.8 317°.86 3°.2/28.6 17

4 21	16 51.66	−18 3.7	1.405	2.248	17.7	19.8
5 1	16 49.05	−17 15.6	1.320	2.236	14.0	19.5
5 11	16 43.47	−16 22.2	1.254	2.223	9.7	19.3
5 21	16 35.52	−15 26.6	1.210	2.212	5.2	19.0
5 31	16 26.30	−14 33.2	1.191	2.200	3.4	18.8
6 10	16 17.18	−13 47.5	1.196	2.189	7.4	19.0
6 20	16 9.45	−13 14.0	1.224	2.179	12.2	19.3
6 30	16 4.15	−12 55.7	1.273	2.169	16.6	19.5

47267 1999 VU_{112} 5 29.8 130°.13 0°.2/29.9 18

4 21	16 58.48	−23 15.6	1.841	2.651	15.5	20.0
5 1	16 53.49	−23 8.3	1.766	2.662	12.2	19.8
5 11	16 45.93	−22 55.5	1.712	2.673	8.3	19.6
5 21	16 36.49	−22 37.0	1.682	2.684	4.0	19.3
5 31	16 26.19	−22 13.9	1.680	2.694	0.5	19.1
6 10	16 16.19	−21 48.5	1.705	2.703	5.0	19.4
6 20	16 7.53	−21 24.0	1.757	2.712	9.1	19.7
6 30	16 1.03	−21 3.5	1.832	2.721	12.7	19.9

502690 2015 DK 5 29.8 122°.33 4°.6/27.9 17

4 21	16 54.96	−10 12.4	2.174	2.980	13.5	21.5
5 1	16 50.11	− 9 27.5	2.105	2.995	10.8	21.4
5 11	16 43.31	− 8 45.5	2.059	3.010	7.8	21.2
5 21	16 35.14	− 8 9.6	2.039	3.025	5.3	21.1
5 31	16 26.38	− 7 42.5	2.046	3.039	4.7	21.1
6 10	16 17.90	− 7 26.6	2.080	3.052	6.7	21.2
6 20	16 10.45	− 7 22.9	2.141	3.065	9.5	21.4
6 30	16 4.64	− 7 31.4	2.225	3.077	12.2	21.6

253597 2003 UT_4 5 29.8 277°.77 10°.6/29.7 18

4 21	17 8.80	−39 44.9	1.701	2.463	18.4	20.7
5 1	17 4.10	−41 52.8	1.591	2.435	16.1	20.4
5 11	16 55.06	−43 56.4	1.501	2.407	13.5	20.2
5 21	16 41.81	−45 45.2	1.434	2.378	11.4	20.0
5 31	16 25.35	−47 7.7	1.391	2.348	10.6	19.8
6 10	16 7.65	−47 56.1	1.373	2.318	11.9	19.8
6 20	15 51.13	−48 9.5	1.379	2.288	14.7	19.9
6 30	15 37.99	−47 54.8	1.405	2.257	17.9	20.0

309790 2009 AS_{28} 5 29.8 260°.31 2°.9/29.1 17

4 21	16 56.28	−16 21.0	1.438	2.271	17.9	20.8
5 1	16 52.54	−16 3.0	1.359	2.269	14.2	20.5
5 11	16 45.76	−15 44.6	1.299	2.266	9.8	20.3
5 21	16 36.59	−15 27.9	1.262	2.263	5.2	20.0
5 31	16 26.17	−15 15.1	1.250	2.260	3.1	19.9
6 10	16 15.90	−15 8.9	1.263	2.257	7.0	20.1
6 20	16 7.10	−15 11.3	1.299	2.254	11.7	20.3
6 30	16 0.80	−15 23.8	1.357	2.251	15.9	20.6

356802 2011 UK_{335} 5 29.8 223°.68 4°.7/27.6 18

4 21	16 51.84	− 6 42.6	2.721	3.517	11.4	21.7
5 1	16 47.48	− 6 11.4	2.628	3.509	9.2	21.5
5 11	16 41.49	− 5 44.6	2.558	3.500	7.0	21.4
5 21	16 34.30	− 5 24.6	2.513	3.490	5.1	21.2
5 31	16 26.49	− 5 13.7	2.497	3.480	4.8	21.2
6 10	16 18.74	− 5 13.4	2.509	3.470	6.3	21.3
6 20	16 11.68	− 5 24.4	2.547	3.460	8.6	21.4
6 30	16 5.86	− 5 46.5	2.609	3.449	11.0	21.6

504643 2008 WE_{134} 5 29.8 179°.75 0°.7/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.12	−20 2.6	2.616	3.413	11.7	23.4
5 1	16 50.14	−19 52.7	2.524	3.415	9.2	23.2
5 11	16 43.33	−19 40.3	2.456	3.416	6.3	23.0
5 21	16 35.19	−19 25.9	2.415	3.416	3.0	22.8
5 31	16 26.38	−19 10.5	2.403	3.416	0.9	22.6
6 10	16 17.70	−18 55.4	2.420	3.415	4.0	22.9
6 20	16 9.86	−18 42.4	2.465	3.414	7.2	23.1
6 30	16 3.47	−18 33.3	2.536	3.412	10.1	23.2

146491 2001 SG_{14} 5 29.8 58°.84 1°.9/29.2 17

4 21	16 54.84	−18 41.5	1.577	2.407	16.7	19.7
5 1	16 50.99	−18 20.2	1.506	2.414	13.1	19.5
5 11	16 44.42	−17 56.3	1.455	2.422	9.0	19.2
5 21	16 35.84	−17 31.3	1.428	2.430	4.5	19.0
5 31	16 26.30	−17 7.6	1.426	2.438	2.1	18.8
6 10	16 17.06	−16 48.0	1.450	2.446	6.0	19.1
6 20	16 9.23	−16 35.0	1.498	2.454	10.4	19.4
6 30	16 3.67	−16 30.8	1.569	2.462	14.2	19.6

170684 2004 AO_5 5 29.8 148°.75 0°.8/29.5 17

4 21	16 58.38	−20 45.1	2.007	2.813	14.5	21.4
5 1	16 53.17	−20 31.8	1.927	2.822	11.4	21.2
5 11	16 45.61	−20 14.9	1.870	2.831	7.7	21.0
5 21	16 36.32	−19 54.9	1.839	2.840	3.7	20.7
5 31	16 26.23	−19 33.0	1.834	2.848	1.0	20.5
6 10	16 16.40	−19 11.4	1.859	2.855	4.9	20.8
6 20	16 7.76	−18 52.7	1.910	2.861	8.8	21.1
6 30	16 1.09	−18 39.3	1.985	2.867	12.2	21.3

316701 1996 VQ_{14} 5 29.8 124°.16 0°.3/29.7 17

4 21	16 58.64	−22 13.3	1.717	2.532	16.2	22.3
5 1	16 53.77	−22 2.2	1.644	2.544	12.8	22.1
5 11	16 46.20	−21 46.0	1.592	2.555	8.7	21.8
5 21	16 36.65	−21 24.9	1.564	2.566	4.1	21.6
5 31	16 26.19	−21 0.3	1.563	2.576	0.7	21.3
6 10	16 16.06	−20 34.7	1.588	2.586	5.3	21.7
6 20	16 7.36	−20 11.3	1.640	2.596	9.6	22.0
6 30	16 0.93	−19 53.4	1.714	2.605	13.3	22.2

299571 2006 ES_1 5 29.8 175°.73 1°.8/30.3 16

4 21	17 0.52	−25 57.7	1.676	2.484	16.8	21.7
5 1	16 55.64	−26 13.0	1.593	2.487	13.4	21.5
5 11	16 47.75	−26 21.8	1.530	2.488	9.4	21.2
5 21	16 37.52	−26 21.9	1.491	2.489	4.9	21.0
5 31	16 26.06	−26 12.7	1.478	2.490	1.8	20.8
6 10	16 14.79	−25 55.6	1.492	2.490	5.5	21.0
6 20	16 4.98	−25 33.9	1.531	2.489	10.0	21.3
6 30	15 57.67	−25 12.3	1.594	2.488	14.0	21.5

166447 2002 PO_{58} 5 29.8 287°.38 5°.4/27.6 18

4 21	16 51.88	− 9 12.9	1.962	2.780	14.4	20.1
5 1	16 48.28	− 8 28.0	1.867	2.764	11.6	19.9
5 11	16 42.46	− 7 46.0	1.794	2.747	8.7	19.7
5 21	16 34.91	− 7 10.6	1.745	2.730	6.1	19.5
5 31	16 26.41	− 6 45.7	1.721	2.713	5.6	19.4
6 10	16 17.93	− 6 34.1	1.724	2.696	7.8	19.5
6 20	16 10.37	− 6 37.3	1.752	2.679	11.0	19.6
6 30	16 4.53	− 6 55.7	1.802	2.662	14.2	19.8

186931 2004 PQ_{82} 5 29.8 257°.10 0°.6/29.5 18

4 21	16 52.08	−20 18.8	2.666	3.469	11.4	20.7
5 1	16 47.89	−20 11.1	2.561	3.454	9.0	20.5
5 11	16 41.90	−20 0.9	2.478	3.439	6.1	20.3
5 21	16 34.56	−19 48.7	2.422	3.424	3.0	20.1
5 31	16 26.47	−19 35.2	2.395	3.408	0.8	19.9
6 10	16 18.40	−19 21.9	2.396	3.392	4.0	20.1
6 20	16 11.05	−19 10.3	2.425	3.376	7.2	20.3
6 30	16 5.05	−19 2.3	2.479	3.359	10.1	20.5

120363 2005 NU_{17} 5 29.8 301°.40 0°.7/29.5 18

4 21	16 50.27	−18 57.6	2.959	3.761	10.4	19.7
5 1	16 46.38	−19 2.5	2.840	3.733	8.2	19.5
5 11	16 40.86	−19 6.6	2.745	3.705	5.6	19.3
5 21	16 34.07	−19 10.3	2.676	3.677	2.7	19.1
5 31	16 26.54	−19 13.8	2.636	3.649	0.8	18.9
6 10	16 18.93	−19 18.0	2.625	3.621	3.7	19.0
6 20	16 11.89	−19 23.8	2.642	3.593	6.7	19.2
6 30	16 6.00	−19 32.1	2.685	3.565	9.4	19.3

19350 1997 CU_{28} 5 29.8 179°.26 1°.1/30.3 18

4 21	16 56.65	−26 0.2	2.391	3.184	12.9	19.6
5 1	16 51.61	−25 57.7	2.300	3.185	10.2	19.4
5 11	16 44.48	−25 49.1	2.231	3.186	7.1	19.2
5 21	16 35.78	−25 33.7	2.188	3.187	3.6	19.0
5 31	16 26.32	−25 12.0	2.174	3.187	1.1	18.8
6 10	16 17.01	−24 45.5	2.189	3.186	4.1	19.0
6 20	16 8.70	−24 17.0	2.231	3.185	7.5	19.2
6 30	16 2.08	−23 49.6	2.299	3.183	10.6	19.4

255602 2006 PG_7 5 29.8 235°.15 7°.8/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.35	− 2 35.1	1.946	2.744	15.2	21.6
5 1	16 51.74	− 1 43.5	1.855	2.731	12.7	21.4
5 11	16 44.80	− 0 59.7	1.786	2.718	10.2	21.2
5 21	16 36.04	− 0 28.8	1.740	2.703	8.2	21.0
5 31	16 26.28	− 0 15.0	1.720	2.688	8.0	21.0
6 10	16 16.54	− 0 21.1	1.726	2.673	9.8	21.1
6 20	16 7.78	− 0 47.3	1.756	2.656	12.5	21.2
6 30	16 0.84	− 1 32.3	1.807	2.639	15.4	21.3

390632 2002 DY_9 5 29.8 80°.90 9°.6/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.24	+ 9 10.6	2.377	3.129	14.0	20.6
5 1	16 49.39	+ 9 42.7	2.315	3.139	12.4	20.4
5 11	16 42.76	+ 9 59.3	2.273	3.148	10.8	20.4
5 21	16 34.88	+ 9 56.4	2.254	3.158	9.8	20.3
5 31	16 26.46	+ 9 31.6	2.259	3.168	9.6	20.3
6 10	16 18.27	+ 8 44.6	2.289	3.178	10.4	20.4
6 20	16 11.00	+ 7 37.6	2.343	3.188	11.9	20.5
6 30	16 5.23	+ 6 13.9	2.419	3.197	13.5	20.6

290828 2005 VX_{132} 5 29.8 211°.88 4°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.97	− 9 9.5	2.619	3.422	11.6	22.0
5 1	16 46.85	− 8 36.6	2.531	3.418	9.3	21.8
5 11	16 41.09	− 8 6.8	2.466	3.415	6.8	21.6
5 21	16 34.12	− 7 42.5	2.427	3.411	4.7	21.5
5 31	16 26.56	− 7 25.9	2.416	3.407	4.3	21.5
6 10	16 19.09	− 7 18.8	2.433	3.403	6.0	21.6
6 20	16 12.36	− 7 22.0	2.476	3.398	8.4	21.7
6 30	16 6.92	− 7 35.7	2.544	3.393	10.9	21.9

122579 2000 RQ_{20} 5 29.8 205°.85 4°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.73	−36 35.4	2.363	3.126	13.8	20.3
5 1	16 54.42	−36 54.5	2.265	3.120	11.5	20.2
5 11	16 46.61	−37 1.9	2.188	3.115	8.8	20.0
5 21	16 36.89	−36 54.7	2.135	3.108	6.2	19.8
5 31	16 26.18	−36 31.2	2.110	3.101	4.8	19.7
6 10	16 15.59	−35 52.6	2.112	3.093	5.8	19.7
6 20	16 6.18	−35 2.3	2.141	3.085	8.4	19.9
6 30	15 58.78	−34 5.6	2.196	3.076	11.2	20.0

359816 2011 UO_{279} 5 29.8 212°.03 0°.9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.07	−23 59.3	2.570	3.367	11.9	21.3
5 1	16 49.52	−24 16.8	2.475	3.363	9.4	21.1
5 11	16 43.05	−24 31.0	2.403	3.360	6.5	20.9
5 21	16 35.12	−24 41.1	2.358	3.357	3.3	20.7
5 31	16 26.42	−24 46.8	2.340	3.353	1.0	20.5
6 10	16 17.78	−24 48.6	2.352	3.349	3.9	20.7
6 20	16 9.96	−24 47.8	2.391	3.345	7.1	20.9
6 30	16 3.64	−24 46.5	2.456	3.341	10.0	21.1

217860 2001 QB_{119} 5 29.8 172°.40 2°.4/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.06	−16 40.1	2.271	3.076	13.1	21.1
5 1	16 51.07	−16 2.9	2.186	3.080	10.3	20.9
5 11	16 44.06	−15 23.9	2.124	3.083	7.1	20.7
5 21	16 35.58	−14 44.8	2.088	3.085	3.8	20.5
5 31	16 26.41	−14 8.2	2.080	3.087	2.6	20.4
6 10	16 17.42	−13 36.6	2.101	3.088	5.3	20.6
6 20	16 9.42	−13 12.5	2.149	3.089	8.6	20.8
6 30	16 3.07	−12 57.5	2.221	3.088	11.6	21.0

272125 2005 MT_{21} 5 29.8 301°.18 3°.7/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.84	−30 40.2	1.531	2.348	17.7	20.9
5 1	16 51.88	−30 51.5	1.433	2.329	14.5	20.6
5 11	16 45.65	−30 51.2	1.354	2.310	10.6	20.3
5 21	16 36.73	−30 36.0	1.297	2.291	6.4	20.1
5 31	16 26.22	−30 4.6	1.264	2.272	3.7	19.8
6 10	16 15.66	−29 18.9	1.256	2.253	6.4	20.0
6 20	16 6.54	−28 24.0	1.272	2.235	11.0	20.2
6 30	16 0.10	−27 27.0	1.309	2.217	15.4	20.4

361088 2006 BP_{196} 5 29.8 35°.89 4°.1/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.84	−30 40.4	1.125	1.964	21.4	20.1
5 1	16 53.13	−30 53.0	1.067	1.975	17.3	19.8
5 11	16 46.56	−30 50.7	1.025	1.987	12.4	19.6
5 21	16 37.05	−30 30.5	1.004	2.000	7.3	19.3
5 31	16 26.21	−29 52.1	1.005	2.014	4.1	19.2
6 10	16 15.97	−29 0.1	1.028	2.028	7.1	19.4
6 20	16 7.93	−28 1.9	1.074	2.043	11.9	19.7
6 30	16 3.15	−27 5.8	1.140	2.059	16.4	20.0

497170 2004 SJ_{37} 5 29.8 223°.74 0°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.96	−23 24.1	2.239	3.040	13.3	22.3
5 1	16 51.30	−23 11.5	2.139	3.031	10.6	22.1
5 11	16 44.41	−22 53.6	2.062	3.021	7.2	21.9
5 21	16 35.84	−22 30.2	2.010	3.011	3.5	21.6
5 31	16 26.36	−22 2.4	1.986	3.000	0.5	21.4
6 10	16 16.96	−21 32.2	1.991	2.989	4.4	21.7
6 20	16 8.53	−21 2.5	2.023	2.977	8.2	21.9
6 30	16 1.85	−20 36.3	2.080	2.964	11.6	22.1

92870 2000 QH_{214} 5 29.8 272°.63 1°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.94	−18 44.7	1.874	2.693	14.9	20.4
5 1	16 51.01	−18 33.7	1.773	2.674	11.9	20.2
5 11	16 44.53	−18 20.6	1.692	2.656	8.2	19.9
5 21	16 36.02	−18 6.1	1.636	2.637	4.1	19.6
5 31	16 26.33	−17 51.5	1.606	2.618	1.7	19.4
6 10	16 16.59	−17 39.1	1.603	2.599	5.6	19.6
6 20	16 7.88	−17 30.9	1.626	2.580	9.8	19.9
6 30	16 1.13	−17 29.3	1.673	2.560	13.7	20.0

97139 1999 VA_{130} 5 29.8 202°.57 2°.0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.29	−27 3.0	2.084	2.885	14.2	20.5
5 1	16 51.79	−27 18.2	1.994	2.883	11.4	20.3
5 11	16 44.87	−27 27.1	1.926	2.881	8.0	20.1
5 21	16 36.10	−27 28.1	1.882	2.879	4.4	19.9
5 31	16 26.35	−27 20.8	1.866	2.877	2.0	19.7
6 10	16 16.72	−27 6.2	1.877	2.874	4.7	19.9
6 20	16 8.19	−26 46.9	1.915	2.871	8.4	20.1
6 30	16 1.61	−26 26.4	1.977	2.868	11.8	20.3

133355 2003 SV_{125} 5 29.8 228°.62 0°.6/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.22	−23 38.7	2.095	2.902	14.0	20.1
5 1	16 50.88	−23 43.0	2.003	2.897	11.0	19.9
5 11	16 44.22	−23 42.9	1.932	2.892	7.6	19.7
5 21	16 35.78	−23 37.7	1.886	2.887	3.8	19.4
5 31	16 26.40	−23 27.6	1.868	2.882	0.7	19.2
6 10	16 17.11	−23 14.1	1.878	2.876	4.5	19.5
6 20	16 8.85	−22 59.4	1.914	2.870	8.4	19.7
6 30	16 2.44	−22 46.4	1.974	2.864	11.9	19.9

278507 2008 BA_{32} 5 29.8 162°.10 0°.8/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.09	−20 38.3	1.929	2.738	14.9	21.7
5 1	16 53.13	−20 25.2	1.847	2.743	11.7	21.5
5 11	16 45.71	−20 8.6	1.786	2.748	8.0	21.3
5 21	16 36.46	−19 48.9	1.751	2.752	3.8	21.1
5 31	16 26.32	−19 27.3	1.743	2.756	1.0	20.9
6 10	16 16.40	−19 6.1	1.763	2.759	5.1	21.2
6 20	16 7.69	−18 47.9	1.809	2.762	9.1	21.4
6 30	16 1.00	−18 35.3	1.879	2.763	12.6	21.6

322575 2012 AQ_6 5 29.8 194°.80 2°.7/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.12	−15 58.4	1.848	2.661	15.3	22.2
5 1	16 53.28	−15 35.8	1.761	2.659	12.1	22.0
5 11	16 45.91	−15 12.6	1.696	2.657	8.4	21.7
5 21	16 36.60	−14 50.5	1.655	2.653	4.5	21.5
5 31	16 26.29	−14 31.7	1.641	2.650	2.9	21.4
6 10	16 16.12	−14 18.5	1.655	2.645	6.1	21.6
6 20	16 7.12	−14 12.8	1.694	2.640	10.1	21.8
6 30	16 0.16	−14 16.4	1.757	2.634	13.7	22.0

438199 2005 UB_{81} 5 29.8 286°.00 0°.1/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.39	−22 14.2	2.280	3.089	12.9	22.1
5 1	16 48.55	−22 6.6	2.174	3.070	10.2	21.9
5 11	16 42.61	−21 54.9	2.090	3.051	7.0	21.6
5 21	16 35.01	−21 39.3	2.031	3.032	3.4	21.4
5 31	16 26.51	−21 20.5	1.999	3.013	0.5	21.1
6 10	16 17.98	−21 0.2	1.996	2.994	4.4	21.4
6 20	16 10.30	−20 40.8	2.019	2.975	8.1	21.6
6 30	16 4.23	−20 24.8	2.067	2.955	11.5	21.7

297761 2001 XU_{130} 5 29.8 200°.19 0°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.88	−20 19.2	2.901	3.698	10.7	22.7
5 1	16 48.26	−20 2.4	2.803	3.694	8.4	22.6
5 11	16 42.03	−19 42.8	2.730	3.689	5.7	22.4
5 21	16 34.60	−19 21.0	2.683	3.684	2.8	22.2
5 31	16 26.58	−18 58.1	2.666	3.678	0.9	22.0
6 10	16 18.64	−18 35.8	2.678	3.672	3.7	22.2
6 20	16 11.43	−18 15.8	2.718	3.666	6.7	22.4
6 30	16 5.49	−17 59.9	2.784	3.659	9.3	22.6

166647 2002 TM_6 5 29.8 263°.07 0°.7/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.74	−20 10.6	2.113	2.925	13.7	19.8
5 1	16 49.68	−20 5.4	2.018	2.916	10.8	19.6
5 11	16 43.39	−19 57.6	1.945	2.907	7.4	19.4
5 21	16 35.39	−19 47.7	1.896	2.898	3.6	19.1
5 31	16 26.47	−19 36.5	1.876	2.889	0.9	18.9
6 10	16 17.60	−19 25.6	1.882	2.879	4.7	19.2
6 20	16 9.70	−19 17.0	1.916	2.870	8.6	19.4
6 30	16 3.54	−19 12.8	1.973	2.860	12.0	19.6

72085 2000 YH_{41} 5 29.8 206°.68 0°.5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.75	−22 15.7	1.818	2.631	15.5	20.3
5 1	16 53.15	−21 55.4	1.728	2.627	12.3	20.0
5 11	16 45.91	−21 29.3	1.660	2.622	8.4	19.8
5 21	16 36.63	−20 57.7	1.615	2.617	4.0	19.5
5 31	16 26.31	−20 22.3	1.598	2.611	0.8	19.2
6 10	16 16.13	−19 46.1	1.608	2.605	5.3	19.5
6 20	16 7.20	−19 12.7	1.644	2.598	9.7	19.8
6 30	16 0.41	−18 45.7	1.703	2.591	13.5	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
59550 1999 JH_{37}			5 29.8 129.°74		0.°2/29.9 18	
	h m	° ′			°	m
4 21	16 56.19	−23 43.1	1.892	2.703	15.1	19.1
5 1	16 51.72	−23 31.0	1.812	2.710	11.9	18.9
5 11	16 44.79	−23 12.9	1.754	2.716	8.1	18.7
5 21	16 36.03	−22 48.9	1.720	2.722	3.9	18.4
5 31	16 26.40	−22 20.1	1.713	2.727	0.5	18.2
6 10	16 17.02	−21 49.1	1.734	2.733	4.8	18.5
6 20	16 8.90	−21 19.2	1.781	2.738	8.9	18.7
6 30	16 2.81	−20 53.7	1.851	2.743	12.5	19.0
393038 2013 AH_{13}			5 29.8 31.°92		2.°5/31.0 17	
4 21	16 53.62	−30 21.2	2.210	3.005	13.7	21.0
5 1	16 49.53	−30 18.0	2.123	3.006	11.0	20.8
5 11	16 43.21	−30 5.4	2.057	3.008	7.9	20.6
5 21	16 35.26	−29 42.3	2.017	3.010	4.6	20.4
5 31	16 26.51	−29 9.1	2.003	3.011	2.5	20.3
6 10	16 17.97	−28 27.9	2.017	3.013	4.6	20.4
6 20	16 10.52	−27 42.2	2.058	3.015	7.8	20.6
6 30	16 4.89	−26 56.4	2.123	3.017	11.0	20.8
160060 1999 VV_{113}			5 29.8 290.°10		1.°1/30.4 18	
4 21	16 54.29	−27 31.8	1.885	2.695	15.2	19.6
5 1	16 50.41	−27 2.3	1.793	2.688	12.1	19.3
5 11	16 44.01	−26 22.1	1.722	2.682	8.4	19.1
5 21	16 35.70	−25 31.2	1.676	2.676	4.3	18.8
5 31	16 26.45	−24 31.4	1.656	2.669	1.1	18.6
6 10	16 17.39	−23 26.6	1.664	2.663	4.9	18.8
6 20	16 9.56	−22 21.8	1.698	2.657	9.0	19.1
6 30	16 3.80	−21 22.2	1.755	2.651	12.8	19.3
41061 1999 VD_{28}			5 29.8 283.°64		0.°4/29.7 18	
4 21	16 53.66	−22 28.5	1.892	2.710	14.8	18.9
5 1	16 49.85	−22 7.8	1.803	2.704	11.7	18.7
5 11	16 43.61	−21 41.3	1.735	2.699	8.0	18.4
5 21	16 35.52	−21 9.7	1.691	2.693	3.8	18.1
5 31	16 26.49	−20 34.7	1.674	2.688	0.7	17.9
6 10	16 17.59	−19 59.1	1.684	2.683	5.0	18.2
6 20	16 9.84	−19 26.4	1.720	2.677	9.1	18.4
6 30	16 4.04	−18 59.7	1.780	2.672	12.8	18.6
8372 1991 VC_{2}			5 29.8 202.°41		2.°6/28.5 18	
4 21	16 52.14	−15 57.5	2.423	3.232	12.2	18.2
5 1	16 47.96	−15 16.9	2.334	3.230	9.6	18.0
5 11	16 41.96	−14 34.7	2.268	3.227	6.7	17.8
5 21	16 34.62	−13 53.0	2.228	3.225	3.7	17.6
5 31	16 26.64	−13 14.3	2.216	3.222	2.8	17.6
6 10	16 18.78	−12 41.3	2.232	3.218	5.2	17.7
6 20	16 11.78	−12 16.1	2.276	3.215	8.2	17.9
6 30	16 6.24	−12 0.3	2.344	3.211	11.1	18.1
291755 2006 KF_{8}			5 29.8 300.°91		0.°1/29.9 18	
4 21	16 54.19	−21 30.4	1.871	2.689	14.9	20.6
5 1	16 50.42	−21 40.7	1.778	2.679	11.8	20.4
5 11	16 44.13	−21 48.4	1.706	2.670	8.1	20.2
5 21	16 35.84	−21 53.1	1.658	2.660	3.9	19.9
5 31	16 26.46	−21 54.9	1.637	2.651	0.5	19.6
6 10	16 17.10	−21 54.7	1.643	2.642	5.0	19.9
6 20	16 8.82	−21 54.3	1.674	2.632	9.2	20.1
6 30	16 2.54	−21 56.2	1.728	2.624	13.0	20.3
204127 2003 XM_{25}			5 29.8 273.°65		2.°7/28.9 18	
4 21	16 53.75	−15 18.6	2.042	2.857	14.0	20.3
5 1	16 49.78	−15 1.8	1.941	2.840	11.1	20.1
5 11	16 43.55	−14 45.1	1.862	2.823	7.7	19.9
5 21	16 35.53	−14 30.2	1.808	2.806	4.3	19.6
5 31	16 26.51	−14 18.9	1.781	2.789	2.8	19.5
6 10	16 17.46	−14 13.1	1.781	2.771	5.8	19.6
6 20	16 9.32	−14 14.5	1.807	2.754	9.5	19.8
6 30	16 2.93	−14 24.3	1.857	2.736	13.0	20.0
233865 2008 VL_{70}			5 29.8 79.°73		1.°1/29.4 17	
4 21	16 53.98	−19 54.0	1.926	2.744	14.6	21.1
5 1	16 49.94	−19 39.0	1.845	2.746	11.5	20.9
5 11	16 43.57	−19 20.9	1.785	2.749	7.8	20.7
5 21	16 35.48	−19 0.7	1.750	2.752	3.8	20.5
5 31	16 26.53	−18 39.9	1.742	2.755	1.3	20.3
6 10	16 17.77	−18 20.8	1.761	2.758	5.0	20.6
6 20	16 10.15	−18 5.6	1.806	2.760	9.0	20.8
6 30	16 4.42	−17 56.6	1.875	2.763	12.5	21.0
108750 2001 OC_{43}			5 29.8 174.°43		3.°0/31.2 18	
4 21	16 59.13	−31 43.0	2.230	3.011	14.0	18.8
5 1	16 53.85	−31 45.6	2.140	3.014	11.3	18.6
5 11	16 46.17	−31 38.1	2.072	3.016	8.2	18.5
5 21	16 36.70	−31 18.7	2.029	3.018	5.0	18.3
5 31	16 26.37	−30 47.0	2.013	3.019	3.0	18.1
6 10	16 16.25	−30 5.2	2.026	3.019	4.9	18.2
6 20	16 7.33	−29 16.8	2.066	3.019	8.1	18.4
6 30	16 0.39	−28 26.8	2.132	3.018	11.2	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
106697 2000 WA_{165}			5 29.8 225.°59		3.°9/28.9 18	
	h m	° ′			°	m
4 21	16 56.35	−10 27.5	1.946	2.757	14.7	19.7
5 1	16 51.77	−10 26.1	1.860	2.754	11.8	19.5
5 11	16 44.84	−10 30.2	1.795	2.750	8.5	19.2
5 21	16 36.12	−10 41.3	1.754	2.746	5.2	19.0
5 31	16 26.44	−11 0.9	1.741	2.743	4.0	19.0
6 10	16 16.84	−11 29.4	1.754	2.739	6.5	19.1
6 20	16 8.27	−12 6.7	1.794	2.735	10.0	19.3
6 30	16 1.56	−12 52.1	1.858	2.731	13.3	19.5
123614 2000 YZ_{17}			5 29.8 114.°78		2.°2/29.3 18	
4 21	16 58.45	−14 22.4	2.151	2.953	13.8	20.1
5 1	16 52.98	−14 29.6	2.079	2.970	10.8	19.9
5 11	16 45.39	−14 39.2	2.029	2.987	7.5	19.8
5 21	16 36.26	−14 51.4	2.006	3.004	4.0	19.6
5 31	16 26.44	−15 7.0	2.011	3.020	2.3	19.5
6 10	16 16.85	−15 26.2	2.044	3.035	5.1	19.7
6 20	16 8.36	−15 49.5	2.105	3.050	8.5	19.9
6 30	16 1.65	−16 17.1	2.191	3.065	11.5	20.1
215136 1999 TY_{163}			5 29.8 286.°35		4.°5/28.2 18	
4 21	16 54.74	−14 4.7	1.584	2.413	16.7	20.8
5 1	16 51.39	−13 19.8	1.479	2.385	13.5	20.5
5 11	16 45.16	−12 33.0	1.394	2.357	9.6	20.2
5 21	16 36.51	−11 47.8	1.332	2.328	5.9	19.9
5 31	16 26.37	−11 8.4	1.296	2.299	4.8	19.8
6 10	16 16.03	−10 39.4	1.284	2.270	8.1	19.9
6 20	16 6.77	−10 24.4	1.296	2.241	12.7	20.1
6 30	15 59.74	−10 25.5	1.330	2.211	17.0	20.2
139854 2001 RP_{59}			5 29.8 135.°73		0.°6/29.6 18	
4 21	16 54.15	−20 6.0	2.356	3.162	12.6	19.9
5 1	16 49.61	−20 4.3	2.273	3.168	9.9	19.7
5 11	16 43.13	−20 0.5	2.213	3.174	6.7	19.5
5 21	16 35.20	−19 54.8	2.178	3.179	3.2	19.3
5 31	16 26.58	−19 48.0	2.172	3.185	0.8	19.1
6 10	16 18.12	−19 41.4	2.193	3.190	4.2	19.4
6 20	16 10.58	−19 36.5	2.243	3.195	7.6	19.6
6 30	16 4.63	−19 34.9	2.317	3.200	10.6	19.8
319684 2006 TU_{89}			5 29.8 12.°85		4.°1/30.8 17	
4 21	16 57.40	−29 11.4	1.473	2.292	18.3	20.5
5 1	16 53.81	−29 54.9	1.396	2.293	14.8	20.3
5 11	16 46.89	−30 30.4	1.338	2.294	10.7	20.0
5 21	16 37.30	−30 54.0	1.302	2.295	6.5	19.8
5 31	16 26.29	−31 2.9	1.291	2.297	4.1	19.6
6 10	16 15.44	−30 57.4	1.304	2.299	6.6	19.8
6 20	16 6.22	−30 40.9	1.341	2.302	10.8	20.0
6 30	15 59.77	−30 19.1	1.400	2.305	14.9	20.3
456062 2006 AK_{58}			5 29.8 37.°22		0.°5/30.0 17	
4 21	16 55.03	−24 35.7	1.135	1.983	20.7	21.0
5 1	16 52.23	−24 20.9	1.076	1.994	16.3	20.7
5 11	16 45.83	−23 56.5	1.035	2.005	11.2	20.5
5 21	16 36.73	−23 22.7	1.013	2.016	5.4	20.2
5 31	16 26.39	−22 41.8	1.015	2.029	0.8	19.9
6 10	16 16.59	−21 58.5	1.040	2.042	6.5	20.3
6 20	16 8.80	−21 18.6	1.087	2.055	11.9	20.7
6 30	16 4.03	−20 47.3	1.155	2.069	16.5	21.0
237230 2008 VS_{64}			5 29.8 232.°67		5.°7/27.2 17	
4 21	16 54.17	− 5 2.5	2.488	3.281	12.4	21.1
5 1	16 49.54	− 4 20.4	2.391	3.267	10.2	20.9
5 11	16 43.07	− 3 43.3	2.316	3.252	7.9	20.7
5 21	16 35.20	− 3 14.5	2.266	3.236	6.1	20.6
5 31	16 26.59	− 2 57.1	2.244	3.220	5.9	20.6
6 10	16 17.98	− 2 53.1	2.250	3.203	7.5	20.6
6 20	16 10.12	− 3 3.4	2.281	3.185	9.9	20.7
6 30	16 3.66	− 3 27.5	2.337	3.167	12.4	20.9
508154 2015 FO_{158}			5 29.8 225.°32		2.°2/30.4 17	
4 21	16 57.61	−25 52.8	1.987	2.790	14.8	21.7
5 1	16 53.04	−26 30.4	1.897	2.787	11.8	21.5
5 11	16 45.88	−27 4.1	1.830	2.785	8.3	21.3
5 21	16 36.69	−27 31.4	1.786	2.783	4.6	21.1
5 31	16 26.39	−27 50.7	1.770	2.781	2.2	20.9
6 10	16 16.12	−28 1.7	1.782	2.778	5.0	21.1
6 20	16 6.98	−28 6.0	1.820	2.776	8.8	21.3
6 30	15 59.89	−28 6.7	1.882	2.773	12.3	21.5
158612 2003 AR_{48}			5 29.8 167.°26		0.°1/29.9 18	
4 21	17 1.23	−21 35.7	1.653	2.465	16.8	21.0
5 1	16 56.15	−21 44.3	1.572	2.470	13.3	20.8
5 11	16 48.10	−21 49.7	1.512	2.473	9.1	20.6
5 21	16 37.77	−21 51.0	1.475	2.477	4.4	20.3
5 31	16 26.26	−21 48.2	1.465	2.479	0.6	20.0
6 10	16 14.95	−21 42.6	1.482	2.481	5.5	20.4
6 20	16 5.08	−21 36.7	1.525	2.482	10.1	20.6
6 30	15 57.65	−21 33.7	1.591	2.482	14.2	20.9

178657 2000 QZ_{18} 5 29.8 277°.54 0°.1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.65	−22 14.3	2.367	3.172	12.6	20.9
5 1	16 49.53	−22 8.1	2.253	3.147	10.0	20.7
5 11	16 43.31	−21 58.1	2.162	3.123	6.9	20.5
5 21	16 35.42	−21 44.0	2.096	3.098	3.3	20.2
5 31	16 26.57	−21 26.7	2.058	3.072	0.5	19.9
6 10	16 17.64	−21 7.6	2.049	3.046	4.3	20.2
6 20	16 9.50	−20 48.9	2.066	3.021	8.0	20.3
6 30	16 2.93	−20 33.1	2.109	2.994	11.4	20.5

352111 2007 CS_{55} 5 29.9 354°.73 3°.0/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.66	−14 16.7	1.978	2.802	14.1	20.0
5 1	16 47.28	−13 59.4	1.896	2.799	11.1	19.8
5 11	16 41.76	−13 43.5	1.835	2.797	7.7	19.6
5 21	16 34.63	−13 30.8	1.798	2.795	4.4	19.4
5 31	16 26.69	−13 23.2	1.788	2.794	3.1	19.3
6 10	16 18.87	−13 22.5	1.804	2.793	5.8	19.5
6 20	16 12.04	−13 29.8	1.846	2.793	9.3	19.7
6 30	16 6.93	−13 45.7	1.911	2.793	12.5	19.9

511975 2015 KH_{58} 5 29.9 279°.54 2°.6/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.74	−13 4.2	2.294	3.102	12.9	21.3
5 1	16 49.45	−13 8.7	2.198	3.093	10.2	21.1
5 11	16 43.15	−13 16.3	2.125	3.083	7.2	20.9
5 21	16 35.30	−13 28.1	2.078	3.074	4.0	20.7
5 31	16 26.60	−13 44.8	2.058	3.065	2.7	20.6
6 10	16 17.92	−14 7.1	2.066	3.055	5.2	20.7
6 20	16 10.07	−14 35.1	2.101	3.046	8.5	20.9
6 30	16 3.75	−15 8.8	2.161	3.037	11.6	21.1

501646 2014 SC_{223} 5 29.9 304°.64 4°.6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.01	−26 34.2	1.232	2.069	20.1	21.3
5 1	16 54.86	−27 40.4	1.128	2.036	16.5	21.0
5 11	16 48.70	−28 46.7	1.041	2.004	12.1	20.6
5 21	16 38.77	−29 48.2	0.975	1.972	7.3	20.3
5 31	16 26.07	−30 38.5	0.932	1.940	4.6	20.0
6 10	16 12.49	−31 13.3	0.911	1.908	8.3	20.1
6 20	16 0.20	−31 32.3	0.912	1.877	14.0	20.3
6 30	15 51.21	−31 40.1	0.932	1.846	19.6	20.5

382913 2004 RA_{196} 5 29.9 252°.88 1°.7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.73	−27 43.2	2.329	3.118	13.3	22.4
5 1	16 52.87	−27 43.3	2.213	3.095	10.7	22.2
5 11	16 45.67	−27 36.1	2.120	3.072	7.6	21.9
5 21	16 36.59	−27 20.2	2.052	3.048	4.1	21.7
5 31	16 26.44	−26 55.4	2.012	3.023	1.7	21.4
6 10	16 16.20	−26 23.1	2.001	2.998	4.5	21.6
6 20	16 6.88	−25 46.2	2.017	2.971	8.2	21.8
6 30	15 59.33	−25 8.6	2.059	2.945	11.7	21.9

480757 2016 NR_{43} 5 29.9 346°.99 2°.8/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.05	−15 35.8	1.910	2.731	14.6	21.3
5 1	16 49.22	−15 10.2	1.828	2.731	11.5	21.1
5 11	16 43.11	−14 44.4	1.767	2.730	8.0	20.9
5 21	16 35.29	−14 20.2	1.731	2.730	4.4	20.7
5 31	16 26.62	−14 0.1	1.721	2.729	3.0	20.6
6 10	16 18.11	−13 46.4	1.739	2.729	5.9	20.7
6 20	16 10.67	−13 40.9	1.781	2.728	9.6	21.0
6 30	16 5.08	−13 44.8	1.847	2.728	13.0	21.2

134200 2005 EQ_{22} 5 29.9 282°.03 4°.3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.70	−12 38.5	2.024	2.841	14.0	19.6
5 1	16 49.00	−11 51.1	1.919	2.818	11.2	19.4
5 11	16 43.05	−11 3.3	1.837	2.794	8.1	19.1
5 21	16 35.33	−10 18.1	1.779	2.771	5.2	18.9
5 31	16 26.61	− 9 39.2	1.748	2.747	4.5	18.8
6 10	16 17.83	− 9 10.2	1.743	2.723	7.0	18.9
6 20	16 9.94	− 8 53.6	1.765	2.699	10.5	19.1
6 30	16 3.74	− 8 50.7	1.808	2.674	13.9	19.2

427475 2001 WT_{68} 5 29.9 146°.49 1°.4/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.89	−19 16.0	2.363	3.163	12.8	23.0
5 1	16 51.62	−18 48.1	2.283	3.175	10.0	22.8
5 11	16 44.41	−18 17.3	2.227	3.186	6.8	22.7
5 21	16 35.80	−17 44.8	2.197	3.197	3.4	22.5
5 31	16 26.57	−17 12.3	2.196	3.207	1.5	22.3
6 10	16 17.59	−16 42.3	2.223	3.216	4.6	22.6
6 20	16 9.61	−16 16.9	2.279	3.225	7.9	22.8
6 30	16 3.27	−15 58.3	2.360	3.233	10.8	23.0

293157 2006 YO_{15} 5 29.9 110°.95 1°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.20	−21 36.7	2.568	3.369	11.8	20.5
5 1	16 48.58	−20 49.0	2.489	3.382	9.2	20.3
5 11	16 42.25	−19 56.2	2.434	3.394	6.2	20.2
5 21	16 34.73	−19 0.1	2.406	3.407	3.0	20.0
5 31	16 26.72	−18 3.2	2.407	3.419	1.2	19.8
6 10	16 18.96	−17 8.5	2.437	3.431	4.1	20.1
6 20	16 12.12	−16 19.0	2.495	3.442	7.2	20.3
6 30	16 6.74	−15 37.1	2.579	3.454	10.0	20.5

501801 2014 WU_{24} 5 29.9 208°.09 0°.1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.39	−22 48.2	1.829	2.639	15.6	23.0
5 1	16 53.72	−22 38.3	1.738	2.635	12.3	22.7
5 11	16 46.37	−22 22.8	1.668	2.629	8.5	22.5
5 21	16 36.94	−22 1.8	1.622	2.624	4.1	22.2
5 31	16 26.42	−21 36.1	1.604	2.618	0.5	21.9
6 10	16 16.01	−21 8.2	1.613	2.611	5.2	22.3
6 20	16 6.84	−20 41.3	1.648	2.603	9.6	22.5
6 30	15 59.83	−20 19.0	1.706	2.595	13.4	22.7

356866 2011 WU_{72} 5 29.9 198°.48 1°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.96	−26 25.4	2.533	3.329	12.1	21.6
5 1	16 48.69	−26 16.6	2.440	3.328	9.6	21.4
5 11	16 42.52	−26 1.4	2.371	3.327	6.7	21.2
5 21	16 34.95	−25 39.7	2.327	3.325	3.4	21.0
5 31	16 26.69	−25 12.0	2.311	3.324	1.1	20.8
6 10	16 18.57	−24 40.4	2.324	3.322	3.8	21.0
6 20	16 11.33	−24 7.2	2.364	3.320	7.1	21.2
6 30	16 5.62	−23 35.4	2.430	3.318	10.0	21.4

388569 2007 QE_{16} 5 29.9 261°.66 6°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.70	−38 32.2	2.169	2.933	14.9	21.3
5 1	16 54.18	−39 8.3	2.066	2.918	12.6	21.1
5 11	16 46.84	−39 32.3	1.982	2.903	10.0	20.9
5 21	16 37.25	−39 39.8	1.922	2.887	7.5	20.8
5 31	16 26.38	−39 28.1	1.888	2.871	6.1	20.6
6 10	16 15.50	−38 57.2	1.880	2.855	7.0	20.7
6 20	16 5.82	−38 10.3	1.898	2.838	9.5	20.8
6 30	15 58.37	−37 13.2	1.940	2.821	12.4	20.9

522089 2015 YY_{24} 5 29.9 51°.45 6°.4/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.33	−35 7.5	1.351	2.161	20.1	20.5
5 1	16 55.69	−35 47.6	1.284	2.170	16.6	20.3
5 11	16 48.30	−36 12.2	1.236	2.180	12.6	20.1
5 21	16 38.01	−36 16.2	1.208	2.190	8.7	19.9
5 31	16 26.30	−35 56.6	1.203	2.200	6.4	19.8
6 10	16 15.04	−35 15.6	1.221	2.210	8.0	19.9
6 20	16 5.84	−34 19.6	1.263	2.221	11.6	20.2
6 30	15 59.81	−33 17.5	1.327	2.232	15.4	20.4

62735 2000 TY_{60} 5 29.9 17°.77 6°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.24	− 5 24.2	1.734	2.550	16.0	18.5
5 1	16 50.27	− 4 50.6	1.660	2.551	13.1	18.3
5 11	16 43.90	− 4 25.4	1.606	2.551	10.0	18.1
5 21	16 35.70	− 4 12.6	1.575	2.552	7.5	18.0
5 31	16 26.60	− 4 15.6	1.569	2.553	6.9	17.9
6 10	16 17.68	− 4 35.8	1.588	2.554	8.9	18.0
6 20	16 9.92	− 5 12.8	1.631	2.556	11.9	18.2
6 30	16 4.12	− 6 4.6	1.697	2.557	14.9	18.4

313681 2003 SA_{300} 5 29.9 135°.89 3°.5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 3.00	−32 8.2	2.116	2.892	14.8	21.7
5 1	16 56.92	−32 24.0	2.039	2.909	12.0	21.5
5 11	16 48.26	−32 29.6	1.984	2.925	8.7	21.3
5 21	16 37.73	−32 22.4	1.954	2.940	5.4	21.1
5 31	16 26.36	−32 1.6	1.951	2.955	3.5	21.0
6 10	16 15.33	−31 29.1	1.977	2.968	5.2	21.2
6 20	16 5.69	−30 48.6	2.030	2.981	8.4	21.4
6 30	15 58.24	−30 5.1	2.109	2.992	11.5	21.6

341237 2007 RO_{171} 5 29.9 242°.95 3°.8/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.03	−12 39.7	2.046	2.862	13.9	21.2
5 1	16 49.05	−12 8.5	1.961	2.859	11.1	21.0
5 11	16 42.92	−11 38.7	1.897	2.855	7.9	20.8
5 21	16 35.21	−11 13.0	1.859	2.852	4.8	20.6
5 31	16 26.68	−10 53.8	1.847	2.848	3.9	20.6
6 10	16 18.27	−10 43.6	1.862	2.845	6.3	20.7
6 20	16 10.83	−10 43.6	1.903	2.841	9.6	20.9
6 30	16 5.10	−10 54.4	1.967	2.837	12.8	21.1

384920 2012 TW_{71} 5 29.9 196°.28 2°.1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.30	−18 3.6	2.064	2.879	13.8	20.9
5 1	16 49.25	−17 29.6	1.978	2.879	10.9	20.7
5 11	16 43.05	−16 52.8	1.915	2.878	7.4	20.4
5 21	16 35.25	−16 15.0	1.877	2.877	3.9	20.2
5 31	16 26.68	−15 38.7	1.867	2.877	2.3	20.1
6 10	16 18.27	−15 6.9	1.884	2.876	5.3	20.3
6 20	16 10.89	−14 42.0	1.927	2.875	8.9	20.5
6 30	16 5.25	−14 26.1	1.994	2.873	12.2	20.7

469989 2006 JT_{14} 5 29.9 275°.01 3°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.95	−12 46.7	1.962	2.780	14.3	21.5
5 1	16 49.09	−12 15.2	1.876	2.776	11.4	21.3
5 11	16 43.02	−11 45.2	1.813	2.772	8.1	21.1
5 21	16 35.28	−11 19.3	1.773	2.767	5.0	20.9
5 31	16 26.68	−11 0.2	1.761	2.763	4.0	20.8
6 10	16 18.19	−10 50.3	1.775	2.759	6.5	20.9
6 20	16 10.72	−10 50.9	1.814	2.754	9.9	21.1
6 30	16 5.02	−11 2.8	1.877	2.750	13.2	21.3

73149 2002 GC_{100} 5 29.9 278.°88 3.°3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.04	−28 7.3	1.547	2.363	17.7	19.6
5 1	16 54.46	−28 36.9	1.448	2.345	14.4	19.4
5 11	16 47.54	−28 59.5	1.369	2.326	10.4	19.1
5 21	16 37.80	−29 11.8	1.311	2.307	6.0	18.8
5 31	16 26.32	−29 11.1	1.278	2.287	3.3	18.6
6 10	16 14.66	−28 57.7	1.271	2.268	6.4	18.7
6 20	16 4.36	−28 34.8	1.288	2.249	11.1	18.9
6 30	15 56.75	−28 8.0	1.326	2.229	15.6	19.1

427110 2014 UB_{86} 5 29.9 64.°30 0.°2/29.8 17

4 21	16 56.40	−22 18.1	1.483	2.312	17.7	21.2
5 1	16 52.58	−22 8.7	1.411	2.318	13.9	21.0
5 11	16 45.76	−21 53.8	1.358	2.324	9.5	20.7
5 21	16 36.68	−21 33.6	1.328	2.331	4.6	20.5
5 31	16 26.50	−21 9.6	1.324	2.338	0.7	20.2
6 10	16 16.63	−20 44.7	1.345	2.344	5.7	20.6
6 20	16 8.32	−20 22.3	1.390	2.351	10.5	20.8
6 30	16 2.49	−20 6.0	1.457	2.358	14.6	21.1

149157 Stephencarr 5 29.9 215.°54 1.°7/30.7 18

4 21	16 53.87	−27 50.5	2.737	3.525	11.5	21.6
5 1	16 49.34	−27 56.0	2.638	3.519	9.2	21.5
5 11	16 42.96	−27 55.4	2.562	3.513	6.5	21.3
5 21	16 35.19	−27 48.0	2.512	3.507	3.6	21.1
5 31	16 26.70	−27 33.8	2.490	3.500	1.7	20.9
6 10	16 18.28	−27 13.7	2.497	3.493	3.8	21.1
6 20	16 10.66	−26 49.9	2.532	3.486	6.8	21.2
6 30	16 4.50	−26 25.2	2.593	3.479	9.5	21.4

391102 2005 UQ_{407} 5 29.9 291.°26 3.°5/28.1 16

4 21	16 50.72	−13 50.7	2.252	3.068	12.8	21.2
5 1	16 47.07	−13 5.5	2.161	3.060	10.2	21.0
5 11	16 41.50	−12 19.7	2.093	3.052	7.2	20.8
5 21	16 34.50	−11 36.2	2.050	3.044	4.4	20.6
5 31	16 26.79	−10 57.8	2.035	3.036	3.7	20.5
6 10	16 19.17	−10 27.5	2.047	3.029	6.0	20.6
6 20	16 12.41	−10 7.3	2.085	3.021	9.0	20.8
6 30	16 7.16	− 9 58.6	2.146	3.013	12.0	21.0

125759 2001 XH_{130} 5 29.9 57.°27 0.°9/29.5 18

4 21	16 54.72	−21 31.3	1.708	2.531	15.9	20.1
5 1	16 50.87	−21 6.8	1.629	2.533	12.6	19.9
5 11	16 44.40	−20 36.8	1.570	2.536	8.5	19.7
5 21	16 35.98	−20 2.5	1.536	2.538	4.1	19.4
5 31	16 26.60	−19 26.0	1.527	2.540	1.1	19.2
6 10	16 17.45	−18 50.6	1.545	2.543	5.4	19.5
6 20	16 9.62	−18 19.8	1.588	2.545	9.8	19.8
6 30	16 3.92	−17 56.8	1.654	2.547	13.6	20.0

330342 2006 UQ_{331} 5 29.9 176.°30 5.°9/27.2 17

4 21	16 55.82	− 7 1.1	2.164	2.964	13.8	21.9
5 1	16 50.96	− 6 1.9	2.084	2.967	11.2	21.8
5 11	16 44.08	− 5 6.8	2.027	2.969	8.5	21.6
5 21	16 35.72	− 4 19.7	1.995	2.970	6.4	21.5
5 31	16 26.64	− 3 44.5	1.991	2.971	6.1	21.4
6 10	16 17.74	− 3 24.1	2.014	2.971	7.9	21.5
6 20	16 9.82	− 3 19.4	2.062	2.970	10.6	21.7
6 30	16 3.55	− 3 30.3	2.133	2.969	13.2	21.9

31741 1999 JG_{78} 5 29.9 322.°28 8.°0/30.4 18

4 21	16 57.76	−33 37.3	1.467	2.276	18.8	17.5
5 1	16 54.95	−35 19.2	1.373	2.257	15.8	17.2
5 11	16 48.39	−36 56.7	1.297	2.237	12.4	17.0
5 21	16 38.45	−38 21.9	1.243	2.219	9.3	16.7
5 31	16 26.22	−39 26.6	1.213	2.201	8.0	16.6
6 10	16 13.49	−40 6.1	1.206	2.184	9.7	16.6
6 20	16 2.17	−40 20.8	1.222	2.167	13.2	16.8
6 30	15 53.96	−40 16.3	1.259	2.152	17.0	17.0

131114 2001 AY_{48} 5 29.9 157.°57 1.°0/30.0 18

4 21	17 3.98	−21 7.5	2.338	3.122	13.4	20.1
5 1	16 57.53	−22 5.1	2.248	3.129	10.6	19.9
5 11	16 48.72	−23 3.1	2.181	3.135	7.3	19.7
5 21	16 38.05	−23 59.1	2.142	3.140	3.6	19.5
5 31	16 26.36	−24 50.7	2.132	3.145	1.0	19.3
6 10	16 14.68	−25 36.3	2.154	3.150	4.4	19.5
6 20	16 3.99	−26 15.8	2.205	3.154	7.9	19.8
6 30	15 55.12	−26 50.6	2.282	3.157	11.1	20.0

385925 2006 TG_{115} 5 29.9 13.°06 7.°1/27.9 17

4 21	16 50.77	− 4 51.4	1.719	2.541	15.9	20.0
5 1	16 47.55	− 4 13.4	1.651	2.544	13.0	19.8
5 11	16 42.03	− 3 44.3	1.603	2.549	10.1	19.6
5 21	16 34.81	− 3 28.3	1.578	2.553	7.7	19.5
5 31	16 26.79	− 3 28.8	1.577	2.559	7.2	19.5
6 10	16 18.98	− 3 47.4	1.601	2.565	9.0	19.6
6 20	16 12.31	− 4 23.4	1.649	2.572	11.8	19.8
6 30	16 7.50	− 5 14.8	1.718	2.580	14.7	20.0

192906 1999 XJ_{213} 5 29.9 144.°57 3.°6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.85	−10 51.7	2.568	3.366	11.9	21.0
5 1	16 49.85	−10 24.5	2.491	3.378	9.5	20.9
5 11	16 43.14	− 9 59.9	2.438	3.389	6.8	20.7
5 21	16 35.23	− 9 39.9	2.411	3.399	4.4	20.6
5 31	16 26.76	− 9 26.3	2.412	3.409	3.7	20.5
6 10	16 18.47	− 9 20.8	2.443	3.419	5.5	20.7
6 20	16 11.04	− 9 23.9	2.500	3.427	8.1	20.8
6 30	16 5.01	− 9 36.0	2.582	3.435	10.6	21.0

371625 2006 YB_{41} 5 29.9 276.°22 1.°2/30.4 18

4 21	16 56.09	−27 7.1	1.698	2.513	16.4	21.2
5 1	16 52.39	−26 46.1	1.597	2.495	13.2	21.0
5 11	16 45.77	−26 14.0	1.516	2.476	9.2	20.7
5 21	16 36.81	−25 30.2	1.458	2.457	4.8	20.4
5 31	16 26.53	−24 35.6	1.426	2.439	1.2	20.1
6 10	16 16.27	−23 33.9	1.420	2.420	5.5	20.3
6 20	16 7.29	−22 30.8	1.440	2.400	10.2	20.5
6 30	16 0.65	−21 32.1	1.482	2.381	14.5	20.8

116981 2004 HP_{30} 5 29.9 282.°68 2.°7/30.7 18

4 21	16 55.64	−28 8.9	2.210	3.006	13.7	19.8
5 1	16 51.39	−28 44.3	2.110	2.995	11.0	19.6
5 11	16 44.76	−29 14.6	2.032	2.983	7.9	19.4
5 21	16 36.23	−29 37.5	1.979	2.971	4.7	19.1
5 31	16 26.61	−29 51.3	1.953	2.960	2.7	19.0
6 10	16 16.95	−29 56.1	1.954	2.948	4.9	19.1
6 20	16 8.24	−29 53.2	1.983	2.937	8.3	19.3
6 30	16 1.36	−29 45.9	2.035	2.925	11.6	19.5

73903 1997 GZ_9 5 29.9 132.°31 2.°4/30.7 18

4 21	17 0.92	−27 49.2	1.893	2.690	15.6	20.3
5 1	16 55.59	−28 9.4	1.816	2.702	12.5	20.1
5 11	16 47.55	−28 22.2	1.761	2.714	8.8	19.9
5 21	16 37.50	−28 25.6	1.730	2.725	4.9	19.7
5 31	16 26.48	−28 18.5	1.726	2.736	2.4	19.5
6 10	16 15.73	−28 2.4	1.750	2.746	5.1	19.7
6 20	16 6.37	−27 40.3	1.800	2.756	8.9	20.0
6 30	15 59.26	−27 16.6	1.875	2.765	12.4	20.2

20740 Sémery 5 29.9 309.°02 2.°4/29.1 18 R

4 21	16 51.53	−15 26.1	2.096	2.915	13.5	17.5
5 1	16 48.01	−15 14.3	1.998	2.899	10.7	17.3
5 11	16 42.36	−15 3.0	1.922	2.884	7.5	17.1
5 21	16 35.04	−14 53.7	1.870	2.869	4.1	16.8
5 31	16 26.79	−14 48.0	1.845	2.854	2.6	16.7
6 10	16 18.54	−14 47.4	1.848	2.839	5.4	16.8
6 20	16 11.17	−14 53.3	1.876	2.825	9.0	17.0
6 30	16 5.44	−15 6.7	1.928	2.811	12.4	17.2

174873 2004 BL_{43} 5 29.9 109.°55 3.°9/31.3 17

4 21	16 59.89	−31 34.4	1.714	2.513	16.9	20.7
5 1	16 55.19	−31 55.5	1.639	2.523	13.7	20.5
5 11	16 47.49	−32 5.5	1.585	2.533	10.0	20.3
5 21	16 37.53	−32 1.7	1.553	2.542	6.2	20.1
5 31	16 26.49	−31 42.6	1.547	2.552	3.9	19.9
6 10	16 15.78	−31 10.3	1.567	2.561	6.0	20.1
6 20	16 6.63	−30 29.2	1.613	2.570	9.7	20.3
6 30	16 0.00	−29 45.2	1.682	2.579	13.2	20.6

113529 2002 TY_{19} 5 29.9 304.°28 1.°0/29.5 18

4 21	16 53.56	−19 40.4	1.995	2.812	14.2	19.3
5 1	16 49.65	−19 32.3	1.908	2.809	11.2	19.0
5 11	16 43.47	−19 21.8	1.842	2.806	7.6	18.8
5 21	16 35.55	−19 9.5	1.802	2.803	3.7	18.6
5 31	16 26.75	−18 56.7	1.787	2.800	1.2	18.4
6 10	16 18.06	−18 45.0	1.801	2.798	4.9	18.6
6 20	16 10.41	−18 36.5	1.840	2.795	8.8	18.9
6 30	16 4.58	−18 33.3	1.903	2.792	12.3	19.1

242737 2005 UE_{438} 5 29.9 195.°90 0.°3/29.7 18

4 21	16 52.21	−22 30.1	3.041	3.835	10.4	21.3
5 1	16 47.73	−22 8.7	2.944	3.832	8.1	21.1
5 11	16 41.71	−21 43.3	2.871	3.829	5.5	21.0
5 21	16 34.57	−21 14.4	2.825	3.826	2.6	20.8
5 31	16 26.89	−20 43.2	2.808	3.822	0.5	20.5
6 10	16 19.31	−20 11.5	2.821	3.817	3.4	20.8
6 20	16 12.44	−19 41.1	2.862	3.813	6.3	21.0
6 30	16 6.78	−19 14.3	2.930	3.808	8.8	21.1

312847 2011 UA_{78} 5 29.9 9.°16 1.°2/29.3 18

4 21	16 51.35	−22 30.2	1.924	2.745	14.5	19.8
5 1	16 47.90	−21 36.7	1.842	2.746	11.4	19.6
5 11	16 42.22	−20 35.5	1.782	2.748	7.7	19.4
5 21	16 34.91	−19 28.9	1.748	2.750	3.7	19.2
5 31	16 26.85	−18 20.3	1.740	2.752	1.4	19.0
6 10	16 19.04	−17 14.4	1.759	2.755	5.1	19.3
6 20	16 12.37	−16 15.4	1.805	2.759	9.0	19.5
6 30	16 7.54	−15 27.0	1.874	2.763	12.5	19.7

98517 2000 VQ_{27} 5 29.9 233°.66 0°.9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.05	−19 37.9	2.167	2.974	13.6	20.6
5 1	16 51.51	−19 32.7	2.068	2.963	10.7	20.4
5 11	16 44.72	−19 25.4	1.991	2.952	7.3	20.2
5 21	16 36.18	−19 16.2	1.939	2.940	3.6	19.9
5 31	16 26.68	−19 6.1	1.915	2.928	1.1	19.7
6 10	16 17.19	−18 56.4	1.919	2.915	4.7	19.9
6 20	16 8.65	−18 49.1	1.950	2.902	8.6	20.2
6 30	16 1.84	−18 46.3	2.006	2.889	12.0	20.3

489657 2007 UH_{69} 5 29.9 233°.20 0°.4/30.1 16

4 21	16 54.74	−23 14.6	2.218	3.023	13.3	22.0
5 1	16 50.43	−23 17.4	2.123	3.017	10.6	21.8
5 11	16 43.94	−23 16.2	2.051	3.011	7.3	21.6
5 21	16 35.78	−23 10.4	2.005	3.005	3.6	21.3
5 31	16 26.74	−23 0.5	1.985	2.999	0.6	21.1
6 10	16 17.76	−22 47.7	1.994	2.993	4.3	21.4
6 20	16 9.75	−22 34.2	2.030	2.986	8.0	21.6
6 30	16 3.45	−22 22.4	2.090	2.979	11.3	21.8

164738 1998 SP_{84} 5 29.9 341°.99 10°.7/30.7 17

4 21	16 53.86	−37 56.7	1.332	2.144	20.2	18.6
5 1	16 52.39	−39 55.6	1.248	2.127	17.4	18.3
5 11	16 46.94	−41 45.8	1.181	2.111	14.4	18.1
5 21	16 37.88	−43 17.7	1.135	2.096	11.8	17.9
5 31	16 26.41	−44 21.7	1.110	2.083	10.7	17.8
6 10	16 14.54	−44 52.9	1.106	2.071	11.9	17.8
6 20	16 4.38	−44 52.5	1.123	2.061	14.7	17.9
6 30	15 57.73	−44 27.9	1.159	2.053	18.0	18.1

304774 2007 GZ_{30} 5 29.9 289°.28 2°.4/27.8 18

4 21	16 44.25	−11 4.8	4.419	5.217	7.3	21.0
5 1	16 41.06	−10 30.0	4.328	5.214	5.8	20.9
5 11	16 36.97	− 9 56.3	4.261	5.211	4.2	20.8
5 21	16 32.24	− 9 25.0	4.222	5.208	2.8	20.7
5 31	16 27.20	− 8 57.5	4.212	5.205	2.5	20.7
6 10	16 22.23	− 8 35.1	4.231	5.202	3.6	20.8
6 20	16 17.65	− 8 18.5	4.278	5.199	5.2	20.9
6 30	16 13.78	− 8 8.3	4.351	5.196	6.8	21.0

315304 2007 TS_{199} 5 29.9 177°.78 1°.9/30.5 17

4 21	17 0.45	−26 37.2	1.833	2.634	15.9	22.1
5 1	16 55.43	−26 50.7	1.747	2.636	12.7	21.9
5 11	16 47.61	−26 57.4	1.682	2.638	8.9	21.6
5 21	16 37.62	−26 55.4	1.641	2.639	4.8	21.4
5 31	16 26.51	−26 44.0	1.627	2.639	1.9	21.2
6 10	16 15.56	−26 24.7	1.641	2.638	5.2	21.4
6 20	16 5.96	−26 0.7	1.680	2.637	9.3	21.7
6 30	15 58.63	−25 36.3	1.744	2.636	13.1	21.9

346136 2007 VY_{207} 5 29.9 217°.10 0°.4/29.7 17

4 21	16 54.00	−21 41.0	2.249	3.056	13.1	21.9
5 1	16 49.74	−21 28.6	2.157	3.053	10.3	21.7
5 11	16 43.40	−21 12.2	2.088	3.049	7.0	21.4
5 21	16 35.49	−20 52.2	2.044	3.045	3.4	21.2
5 31	16 26.79	−20 29.9	2.027	3.041	0.6	21.0
6 10	16 18.19	−20 7.0	2.039	3.036	4.4	21.2
6 20	16 10.54	−19 46.1	2.078	3.032	8.0	21.5
6 30	16 4.55	−19 29.4	2.141	3.027	11.2	21.7

180090 2003 EX_{28} 5 29.9 352°.54 9°.1/25.2 17

4 21	16 48.14	− 2 25.4	1.790	2.610	15.4	19.2
5 1	16 45.46	− 0 51.8	1.718	2.605	13.0	19.0
5 11	16 40.62	+ 0 34.6	1.668	2.601	10.7	18.9
5 21	16 34.18	+ 1 47.1	1.641	2.597	9.2	18.8
5 31	16 26.95	+ 2 39.5	1.638	2.595	9.4	18.8
6 10	16 19.89	+ 3 7.9	1.659	2.593	11.0	18.9
6 20	16 13.85	+ 3 11.3	1.701	2.591	13.4	19.0
6 30	16 9.54	+ 2 51.1	1.764	2.591	15.9	19.2

90587 2182 P–L 5 29.9 272°.88 1°.9/30.7 18

4 21	16 53.76	−27 43.2	2.436	3.231	12.6	20.5
5 1	16 49.63	−27 53.7	2.331	3.216	10.1	20.3
5 11	16 43.40	−27 58.2	2.248	3.201	7.2	20.1
5 21	16 35.54	−27 55.3	2.191	3.186	4.0	19.9
5 31	16 26.78	−27 44.8	2.161	3.171	1.9	19.7
6 10	16 18.01	−27 27.5	2.159	3.156	4.2	19.8
6 20	16 10.09	−27 5.8	2.185	3.141	7.6	20.0
6 30	16 3.79	−26 42.5	2.235	3.125	10.7	20.2

203718 2002 PS_{178} 5 29.9 240°.55 2°.2/30.8 18

4 21	16 55.40	−28 39.0	2.136	2.933	14.0	20.7
5 1	16 51.14	−28 42.5	2.041	2.928	11.3	20.5
5 11	16 44.52	−28 37.9	1.969	2.922	8.0	20.3
5 21	16 36.09	−28 23.9	1.921	2.916	4.5	20.0
5 31	16 26.72	−28 0.5	1.899	2.909	2.2	19.9
6 10	16 17.45	−27 29.2	1.906	2.903	4.7	20.0
6 20	16 9.26	−26 53.4	1.939	2.897	8.2	20.2
6 30	16 2.97	−26 17.1	1.997	2.890	11.6	20.4

376280 2011 FO_{73} 5 29.9 131°.04 1°.9/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.67	−17 52.6	2.041	2.850	14.2	22.3
5 1	16 51.82	−17 29.4	1.965	2.862	11.1	22.1
5 11	16 44.76	−17 4.3	1.912	2.873	7.6	21.9
5 21	16 36.11	−16 38.9	1.884	2.884	3.9	21.7
5 31	16 26.73	−16 14.9	1.884	2.894	2.0	21.6
6 10	16 17.61	−15 54.7	1.911	2.904	5.2	21.9
6 20	16 9.62	−15 40.3	1.965	2.913	8.8	22.1
6 30	16 3.46	−15 33.5	2.044	2.922	12.0	22.3

78479 2002 RO_{52} 5 29.9 247°.36 1°.4/29.4 18 R

4 21	16 53.73	−18 37.7	2.142	2.955	13.5	19.6
5 1	16 49.64	−18 24.2	2.050	2.948	10.6	19.4
5 11	16 43.40	−18 8.8	1.980	2.942	7.3	19.2
5 21	16 35.53	−17 52.3	1.934	2.935	3.6	18.9
5 31	16 26.80	−17 36.2	1.917	2.929	1.6	18.7
6 10	16 18.15	−17 22.4	1.927	2.922	4.9	19.0
6 20	16 10.44	−17 12.7	1.963	2.915	8.6	19.2
6 30	16 4.44	−17 8.9	2.024	2.908	11.9	19.4

436862 2012 SA_{60} 5 29.9 219°.04 3°.1/28.2 18

4 21	16 53.52	−15 47.6	2.274	3.083	12.9	21.4
5 1	16 49.23	−14 50.9	2.181	3.078	10.2	21.2
5 11	16 42.98	−13 51.6	2.112	3.072	7.1	21.0
5 21	16 35.27	−12 52.3	2.070	3.065	4.2	20.8
5 31	16 26.84	−11 56.5	2.055	3.058	3.3	20.7
6 10	16 18.54	−11 7.7	2.068	3.051	5.8	20.9
6 20	16 11.14	−10 28.9	2.108	3.044	9.0	21.0
6 30	16 5.32	−10 1.9	2.173	3.036	12.0	21.2

141347 2002 AR_{18} 5 29.9 81°.29 10°.1/27.6 18

4 21	16 55.23	+10 36.2	2.337	3.081	14.4	19.6
5 1	16 50.26	+11 10.2	2.278	3.094	12.8	19.5
5 11	16 43.47	+11 27.4	2.239	3.106	11.3	19.4
5 21	16 35.42	+11 24.0	2.222	3.118	10.3	19.4
5 31	16 26.83	+10 57.2	2.230	3.130	10.1	19.4
6 10	16 18.50	+10 7.2	2.261	3.142	10.9	19.4
6 20	16 11.12	+ 8 56.2	2.317	3.154	12.2	19.6
6 30	16 5.28	+ 7 27.9	2.394	3.165	13.8	19.7

185762 1999 TP_{78} 5 29.9 296°.09 1°.9/30.6 18

4 21	16 53.47	−26 50.4	2.231	3.033	13.4	20.5
5 1	16 49.60	−27 6.1	2.130	3.019	10.7	20.3
5 11	16 43.49	−27 16.2	2.051	3.006	7.6	20.1
5 21	16 35.63	−27 19.5	1.996	2.993	4.1	19.9
5 31	16 26.78	−27 15.2	1.969	2.980	1.9	19.7
6 10	16 17.93	−27 4.4	1.970	2.967	4.5	19.8
6 20	16 10.01	−26 49.1	1.997	2.954	8.0	20.0
6 30	16 3.82	−26 32.3	2.048	2.942	11.3	20.2

79533 1998 QN_{20} 5 29.9 264°.05 2°.8/30.9 18

4 21	16 57.39	−29 32.9	1.718	2.525	16.5	19.7
5 1	16 53.46	−29 37.8	1.622	2.512	13.4	19.4
5 11	16 46.54	−29 32.5	1.545	2.499	9.6	19.2
5 21	16 37.23	−29 14.6	1.491	2.486	5.5	18.9
5 31	16 26.58	−28 43.4	1.463	2.473	2.8	18.7
6 10	16 15.96	−28 1.0	1.461	2.459	5.7	18.8
6 20	16 6.69	−27 12.0	1.485	2.445	10.0	19.0
6 30	15 59.83	−26 22.3	1.532	2.431	14.1	19.3

101219 1998 SM_{55} 5 29.9 219°.68 1°.4/30.5 18

4 21	16 56.07	−26 18.5	2.405	3.198	12.8	20.5
5 1	16 51.37	−26 23.9	2.305	3.190	10.2	20.3
5 11	16 44.54	−26 23.5	2.228	3.182	7.1	20.1
5 21	16 36.07	−26 16.5	2.176	3.174	3.8	19.8
5 31	16 26.74	−26 2.7	2.153	3.165	1.4	19.7
6 10	16 17.45	−25 43.4	2.158	3.155	4.2	19.8
6 20	16 9.08	−25 20.9	2.190	3.145	7.6	20.0
6 30	16 2.38	−24 58.1	2.248	3.135	10.8	20.2

476277 2007 VH_{199} 5 29.9 216°.03 0°.3/29.8 17

4 21	16 54.09	−22 5.7	2.250	3.057	13.1	22.1
5 1	16 49.83	−21 54.3	2.158	3.053	10.3	21.9
5 11	16 43.47	−21 38.9	2.088	3.049	7.1	21.6
5 21	16 35.54	−21 19.5	2.044	3.046	3.4	21.4
5 31	16 26.81	−20 57.3	2.028	3.042	0.5	21.2
6 10	16 18.19	−20 34.3	2.040	3.037	4.3	21.4
6 20	16 10.52	−20 12.7	2.078	3.033	8.0	21.7
6 30	16 4.51	−19 55.1	2.142	3.028	11.2	21.9

65954 1998 FT_{131} 5 29.9 161°.04 4°.7/28.3 18

4 21	16 58.02	−11 4.4	1.896	2.705	15.1	19.7
5 1	16 53.03	−10 25.3	1.819	2.712	12.1	19.5
5 11	16 45.68	− 9 48.8	1.764	2.717	8.7	19.3
5 21	16 36.60	− 9 18.1	1.733	2.722	5.6	19.1
5 31	16 26.69	− 8 56.2	1.730	2.727	4.8	19.1
6 10	16 17.00	− 8 45.6	1.753	2.731	7.2	19.2
6 20	16 8.48	− 8 47.6	1.802	2.734	10.5	19.4
6 30	16 1.89	− 9 2.2	1.875	2.736	13.7	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
187456 2005 XK_5			5 29.9 312.°87		2.°0/28.4 18	
	h m	° ′			°	m
4 21	16 44.91	−13 11.4	4.099	4.900	7.8	20.2
5 1	16 41.68	−12 50.8	4.003	4.894	6.1	20.0
5 11	16 37.45	−12 30.8	3.932	4.888	4.3	19.9
5 21	16 32.50	−12 12.7	3.889	4.882	2.6	19.8
5 31	16 27.20	−11 57.5	3.874	4.876	2.1	19.7
6 10	16 21.95	−11 46.3	3.889	4.870	3.4	19.8
6 20	16 17.12	−11 39.9	3.931	4.864	5.3	19.9
6 30	16 13.06	−11 38.8	3.999	4.859	7.1	20.1
58358 1995 HS_3			5 29.9 252.°02		2.°4/29.1 18	
4 21	16 54.81	−17 0.6	1.837	2.657	15.1	20.2
5 1	16 50.84	−16 38.7	1.748	2.650	12.0	20.0
5 11	16 44.41	−16 15.5	1.680	2.644	8.3	19.7
5 21	16 36.08	−15 52.5	1.637	2.637	4.3	19.5
5 31	16 26.75	−15 31.9	1.620	2.630	2.5	19.3
6 10	16 17.50	−15 16.1	1.630	2.623	5.9	19.5
6 20	16 9.37	−15 7.3	1.665	2.616	9.9	19.7
6 30	16 3.20	−15 7.4	1.723	2.608	13.6	19.9
202951 1999 RE			5 29.9 315.°95		7.°5/30.5 18	
4 21	16 56.65	−33 29.8	1.516	2.325	18.3	19.1
5 1	16 54.15	−34 55.6	1.406	2.290	15.4	18.8
5 11	16 47.98	−36 17.2	1.314	2.256	12.1	18.5
5 21	16 38.41	−37 27.9	1.244	2.222	9.0	18.2
5 31	16 26.39	−38 20.2	1.197	2.188	7.6	18.0
6 10	16 13.59	−38 49.3	1.174	2.155	9.4	18.0
6 20	16 1.95	−38 55.0	1.174	2.123	13.2	18.2
6 30	15 53.24	−38 42.7	1.194	2.091	17.4	18.3
23334 2508 P–L			5 29.9 274.°14		4.°0/30.8 18	
4 21	16 59.87	−29 58.2	1.708	2.510	16.8	19.3
5 1	16 55.82	−30 33.1	1.599	2.485	13.8	19.0
5 11	16 48.50	−31 0.9	1.509	2.459	10.2	18.7
5 21	16 38.37	−31 17.4	1.442	2.433	6.3	18.4
5 31	16 26.43	−31 19.5	1.400	2.406	4.0	18.2
6 10	16 14.17	−31 6.6	1.385	2.379	6.5	18.3
6 20	16 3.10	−30 41.5	1.394	2.351	10.9	18.5
6 30	15 54.58	−30 9.9	1.427	2.323	15.1	18.6
62940 2000 VS_{23}			5 29.9 303.°77		3.°0/30.5 18	
4 21	16 56.00	−26 46.1	1.636	2.454	16.8	19.3
5 1	16 52.71	−27 27.2	1.534	2.432	13.6	19.0
5 11	16 46.32	−28 4.3	1.452	2.410	9.8	18.8
5 21	16 37.28	−28 34.1	1.392	2.389	5.6	18.5
5 31	16 26.58	−28 53.9	1.358	2.367	3.0	18.2
6 10	16 15.63	−29 2.9	1.349	2.346	6.1	18.4
6 20	16 5.85	−29 2.8	1.364	2.325	10.7	18.6
6 30	15 58.52	−28 57.6	1.402	2.305	15.0	18.8
138098 2000 DK_{81}			5 29.9 194.°55		3.°1/29.0 17	
4 21	16 57.24	−14 8.7	1.860	2.674	15.2	20.5
5 1	16 52.64	−13 55.2	1.775	2.673	12.1	20.3
5 11	16 45.58	−13 43.4	1.711	2.671	8.4	20.1
5 21	16 36.64	−13 34.9	1.672	2.669	4.7	19.9
5 31	16 26.71	−13 31.6	1.660	2.667	3.2	19.7
6 10	16 16.89	−13 35.0	1.674	2.664	6.2	19.9
6 20	16 8.20	−13 46.1	1.715	2.661	10.0	20.1
6 30	16 1.49	−14 5.8	1.779	2.657	13.5	20.4
91977 1999 VH_{96}			5 29.9 194.°27		1.°0/29.4 18	
4 21	16 51.90	−19 45.2	2.839	3.640	10.9	20.6
5 1	16 47.60	−19 24.4	2.746	3.638	8.5	20.4
5 11	16 41.69	−19 0.9	2.676	3.636	5.8	20.2
5 21	16 34.62	−18 35.7	2.633	3.634	2.8	20.0
5 31	16 26.97	−18 10.0	2.619	3.631	1.1	19.9
6 10	16 19.42	−17 45.7	2.634	3.628	3.8	20.1
6 20	16 12.60	−17 24.4	2.677	3.625	6.7	20.2
6 30	16 7.05	−17 8.0	2.745	3.621	9.4	20.4
343458 2010 EH_{41}			5 29.9 23.°35		4.°3/31.2 18	
4 21	16 56.91	−32 0.3	1.913	2.708	15.5	20.5
5 1	16 52.76	−32 39.4	1.829	2.709	12.7	20.3
5 11	16 45.87	−33 9.6	1.766	2.711	9.4	20.1
5 21	16 36.84	−33 27.5	1.727	2.712	6.1	19.9
5 31	16 26.68	−33 31.1	1.713	2.714	4.3	19.8
6 10	16 16.65	−33 20.8	1.726	2.716	6.0	19.9
6 20	16 7.90	−32 59.4	1.765	2.718	9.2	20.1
6 30	16 1.38	−32 31.7	1.827	2.720	12.5	20.3
99996 1981 EJ_{45}			5 29.9 308.°77		1.°2/30.4 18	
4 21	16 52.18	−26 18.5	2.058	2.869	14.1	19.7
5 1	16 48.76	−26 11.4	1.957	2.852	11.2	19.4
5 11	16 43.01	−25 56.8	1.876	2.836	7.8	19.2
5 21	16 35.43	−25 34.4	1.820	2.820	4.1	18.9
5 31	16 26.86	−25 4.5	1.791	2.804	1.2	18.7
6 10	16 18.31	−24 29.4	1.789	2.788	4.6	18.9
6 20	16 10.75	−23 52.4	1.813	2.773	8.5	19.1
6 30	16 5.03	−23 17.2	1.861	2.758	12.1	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
352010 2006 UR_{334}			5 29.9 138.°80		0.°3/30.0 17	
	h m	° ′			°	m
4 21	16 54.05	−23 17.4	2.694	3.490	11.5	22.8
5 1	16 49.35	−23 14.4	2.611	3.499	9.0	22.6
5 11	16 42.90	−23 7.6	2.550	3.508	6.2	22.4
5 21	16 35.20	−22 56.8	2.516	3.517	3.0	22.2
5 31	16 26.90	−22 42.8	2.511	3.525	0.4	22.0
6 10	16 18.77	−22 26.7	2.535	3.533	3.6	22.3
6 20	16 11.47	−22 10.5	2.587	3.540	6.7	22.5
6 30	16 5.60	−21 56.2	2.665	3.547	9.4	22.7
370135 2001 WC_{30}			5 29.9 151.°93		0.°1/29.9 17	
4 21	16 57.93	−22 30.9	2.438	3.231	12.6	22.7
5 1	16 52.52	−22 22.8	2.355	3.242	9.9	22.6
5 11	16 45.13	−22 10.7	2.295	3.252	6.7	22.4
5 21	16 36.29	−21 54.5	2.261	3.262	3.2	22.2
5 31	16 26.79	−21 35.1	2.257	3.270	0.4	21.9
6 10	16 17.48	−21 14.2	2.281	3.278	4.0	22.2
6 20	16 9.17	−20 53.9	2.334	3.285	7.4	22.5
6 30	16 2.50	−20 36.6	2.412	3.292	10.4	22.7
167112 2003 SH_{78}			5 29.9 353.°80		2.°5/29.0 17	
4 21	16 47.58	−21 10.9	1.038	1.907	20.7	19.4
5 1	16 46.81	−20 18.3	0.970	1.900	16.4	19.1
5 11	16 42.51	−19 15.4	0.918	1.895	11.2	18.8
5 21	16 35.42	−18 5.8	0.886	1.890	5.6	18.5
5 31	16 26.88	−16 55.5	0.876	1.888	2.8	18.3
6 10	16 18.62	−15 52.4	0.887	1.887	7.9	18.6
6 20	16 12.17	−15 3.0	0.919	1.887	13.5	18.9
6 30	16 8.64	−14 31.9	0.969	1.889	18.4	19.2
204853 2007 RB_{136}			5 29.9 226.°75		0.°1/29.9 17	
4 21	16 54.86	−22 27.6	2.168	2.975	13.5	21.3
5 1	16 50.57	−22 24.3	2.075	2.970	10.7	21.1
5 11	16 44.07	−22 17.0	2.004	2.965	7.3	20.9
5 21	16 35.90	−22 5.6	1.958	2.960	3.6	20.7
5 31	16 26.84	−21 50.7	1.940	2.954	0.4	20.4
6 10	16 17.86	−21 34.1	1.950	2.948	4.4	20.7
6 20	16 9.87	−21 17.9	1.987	2.942	8.2	20.9
6 30	16 3.62	−21 4.6	2.048	2.936	11.6	21.1
499150 2009 RY_{51}			5 29.9 239.°69		0.°2/29.8 17	
4 21	16 56.71	−21 58.4	1.970	2.780	14.6	22.7
5 1	16 52.34	−21 52.7	1.873	2.769	11.6	22.5
5 11	16 45.47	−21 42.9	1.796	2.758	8.0	22.2
5 21	16 36.64	−21 28.9	1.744	2.746	3.9	22.0
5 31	16 26.74	−21 11.3	1.720	2.733	0.6	21.7
6 10	16 16.85	−20 52.0	1.723	2.721	4.9	22.0
6 20	16 8.03	−20 33.7	1.752	2.708	9.1	22.2
6 30	16 1.16	−20 19.3	1.805	2.694	12.8	22.4
190047 2004 RH_{152}			5 29.9 206.°29		3.°4/31.6 18	
4 21	16 58.38	−33 30.3	2.075	2.858	14.9	20.6
5 1	16 53.59	−33 19.8	1.982	2.855	12.1	20.4
5 11	16 46.23	−32 56.3	1.909	2.852	8.9	20.2
5 21	16 36.94	−32 18.0	1.860	2.848	5.5	20.0
5 31	16 26.71	−31 25.0	1.839	2.844	3.4	19.8
6 10	16 16.71	−30 20.2	1.845	2.839	5.2	19.9
6 20	16 8.00	−29 8.6	1.878	2.834	8.6	20.1
6 30	16 1.40	−27 56.2	1.937	2.829	11.9	20.3
398113 2009 UD_{90}			5 29.9 290.°13		0.°4/29.8 17	
4 21	16 53.04	−20 50.4	2.611	3.412	11.7	22.2
5 1	16 48.95	−20 48.6	2.488	3.381	9.3	21.9
5 11	16 42.93	−20 44.4	2.389	3.348	6.4	21.7
5 21	16 35.37	−20 37.8	2.315	3.316	3.1	21.4
5 31	16 26.89	−20 29.4	2.270	3.283	0.6	21.2
6 10	16 18.27	−20 20.2	2.253	3.250	4.1	21.4
6 20	16 10.29	−20 11.8	2.264	3.217	7.5	21.6
6 30	16 3.68	−20 6.2	2.300	3.183	10.7	21.7
490761 2010 TX_{181}			5 29.9 168.°03		2.°0/30.5 17	
4 21	16 59.65	−26 3.6	1.764	2.570	16.2	22.4
5 1	16 54.95	−26 26.7	1.681	2.573	12.9	22.1
5 11	16 47.38	−26 44.0	1.618	2.575	9.1	21.9
5 21	16 37.59	−26 53.4	1.579	2.577	4.9	21.7
5 31	16 26.63	−26 53.7	1.567	2.578	2.0	21.5
6 10	16 15.81	−26 45.8	1.581	2.579	5.3	21.7
6 20	16 6.35	−26 32.5	1.622	2.580	9.5	21.9
6 30	15 59.23	−26 17.8	1.686	2.580	13.3	22.2
299959 2006 TM_{76}			5 29.9 233.°35		2.°8/31.3 18	
4 21	16 55.56	−32 0.3	2.644	3.421	12.2	21.1
5 1	16 50.89	−32 3.1	2.539	3.410	9.9	20.9
5 11	16 44.17	−31 57.0	2.456	3.398	7.2	20.7
5 21	16 35.91	−31 40.7	2.399	3.386	4.5	20.5
5 31	16 26.84	−31 13.8	2.370	3.374	2.8	20.4
6 10	16 17.84	−30 37.7	2.369	3.362	4.4	20.5
6 20	16 9.72	−29 55.0	2.397	3.349	7.2	20.6
6 30	16 3.21	−29 9.8	2.450	3.335	10.0	20.8

434062 2001 VR_2 5 29.9 353°.39 8°.6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.00	−19 6.4	0.951	1.810	23.0	20.6
5 1	16 55.80	−15 46.6	0.886	1.810	18.3	20.3
5 11	16 48.55	−12 3.2	0.839	1.809	13.1	20.0
5 21	16 38.24	− 8 11.5	0.816	1.809	9.1	19.8
5 31	16 26.57	− 4 33.2	0.816	1.809	9.7	19.8
6 10	16 15.52	− 1 29.6	0.840	1.809	14.1	20.0
6 20	16 6.74	+ 0 46.5	0.884	1.809	19.2	20.3
6 30	16 1.32	+ 2 12.2	0.945	1.809	23.6	20.6

151758 2003 EO_6 5 29.9 130°.27 2°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.75	−16 42.3	1.982	2.793	14.5	21.0
5 1	16 51.94	−16 11.8	1.907	2.805	11.4	20.8
5 11	16 44.89	−15 40.1	1.855	2.816	7.8	20.6
5 21	16 36.22	−15 9.0	1.828	2.827	4.2	20.4
5 31	16 26.82	−14 40.8	1.828	2.837	2.6	20.4
6 10	16 17.68	−14 18.1	1.856	2.847	5.6	20.6
6 20	16 9.70	−14 3.0	1.911	2.856	9.2	20.8
6 30	16 3.59	−13 57.0	1.989	2.865	12.4	21.0

413357 2003 YY_{77} 5 29.9 128°.63 1°.2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.71	−18 16.6	1.842	2.652	15.5	21.4
5 1	16 54.53	−18 20.9	1.768	2.664	12.2	21.2
5 11	16 46.80	−18 24.7	1.715	2.676	8.3	21.0
5 21	16 37.20	−18 28.0	1.687	2.688	4.1	20.8
5 31	16 26.69	−18 31.3	1.686	2.699	1.4	20.6
6 10	16 16.44	−18 35.7	1.713	2.709	5.2	20.9
6 20	16 7.47	−18 42.7	1.766	2.719	9.3	21.1
6 30	16 0.61	−18 53.7	1.843	2.728	12.8	21.4

497667 2006 RL_{92} 5 29.9 306°.92 1°.6/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.20	−25 16.0	1.393	2.227	18.3	21.5
5 1	16 51.66	−25 26.7	1.298	2.207	14.8	21.2
5 11	16 45.78	−25 30.4	1.221	2.187	10.4	20.9
5 21	16 37.09	−25 25.5	1.166	2.167	5.4	20.6
5 31	16 26.68	−25 11.2	1.135	2.148	1.7	20.2
6 10	16 16.11	−24 49.2	1.127	2.128	6.3	20.5
6 20	16 6.96	−24 23.4	1.143	2.110	11.6	20.7
6 30	16 0.53	−23 59.0	1.180	2.092	16.5	20.9

57057 2001 MO_{20} 5 29.9 273°.79 0°.4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.94	−22 44.8	1.772	2.587	15.8	19.4
5 1	16 53.01	−22 52.3	1.668	2.567	12.6	19.1
5 11	16 46.25	−22 55.9	1.584	2.546	8.8	18.8
5 21	16 37.16	−22 54.8	1.524	2.525	4.3	18.5
5 31	16 26.68	−22 48.8	1.491	2.504	0.6	18.2
6 10	16 16.04	−22 39.0	1.484	2.483	5.4	18.5
6 20	16 6.51	−22 27.9	1.502	2.461	10.0	18.7
6 30	15 59.16	−22 18.9	1.544	2.439	14.2	18.9

476130 2007 TB_{230} 5 29.9 302°.69 5°.1/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.80	−33 23.6	1.824	2.621	16.1	20.9
5 1	16 52.43	−34 1.0	1.717	2.597	13.4	20.6
5 11	16 46.04	−34 29.0	1.629	2.572	10.2	20.4
5 21	16 37.14	−34 43.4	1.565	2.548	6.9	20.1
5 31	16 26.68	−34 41.1	1.525	2.524	5.1	20.0
6 10	16 16.02	−34 21.8	1.511	2.500	6.8	20.0
6 20	16 6.54	−33 48.4	1.521	2.476	10.3	20.1
6 30	15 59.43	−33 6.5	1.555	2.452	14.0	20.3

195063 2002 CH_{87} 5 29.9 42°.52 0°.1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.89	−22 26.4	1.614	2.439	16.6	20.8
5 1	16 51.20	−22 22.2	1.541	2.447	13.1	20.5
5 11	16 44.76	−22 13.0	1.490	2.455	8.9	20.3
5 21	16 36.28	−21 59.1	1.461	2.463	4.3	20.1
5 31	16 26.82	−21 41.3	1.458	2.472	0.5	19.8
6 10	16 17.64	−21 22.2	1.481	2.481	5.3	20.2
6 20	16 9.85	−21 4.7	1.529	2.490	9.7	20.4
6 30	16 4.34	−20 51.8	1.599	2.499	13.6	20.7

160547 1998 MG_{17} 5 29.9 279°.45 5°.0/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.28	−35 39.7	2.017	2.798	15.3	20.5
5 1	16 53.21	−35 57.0	1.910	2.778	12.7	20.3
5 11	16 46.32	−36 1.8	1.823	2.758	9.8	20.0
5 21	16 37.15	−35 50.7	1.759	2.738	6.8	19.8
5 31	16 26.70	−35 21.7	1.721	2.717	5.0	19.7
6 10	16 16.21	−34 35.7	1.710	2.697	6.3	19.7
6 20	16 6.94	−33 36.7	1.724	2.676	9.5	19.8
6 30	15 59.90	−32 31.1	1.762	2.655	12.9	20.0

464267 2015 FJ_{137} 5 29.9 143°.10 7°.8/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.41	− 4 6.1	1.913	2.724	14.9	20.6
5 1	16 48.63	− 2 49.5	1.840	2.724	12.4	20.4
5 11	16 42.71	− 1 39.2	1.789	2.725	9.9	20.3
5 21	16 35.21	− 0 40.6	1.761	2.725	8.1	20.2
5 31	16 26.96	+ 0 1.1	1.759	2.725	8.0	20.2
6 10	16 18.88	+ 0 22.6	1.781	2.726	9.7	20.3
6 20	16 11.84	+ 0 23.2	1.828	2.726	12.2	20.4
6 30	16 6.54	+ 0 3.8	1.895	2.726	14.8	20.6

338157 2002 QZ_{149} 5 29.9 299°.34 0°.6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.23	−21 37.4	1.886	2.705	14.8	20.7
5 1	16 49.65	−21 19.4	1.793	2.696	11.7	20.4
5 11	16 43.64	−20 56.6	1.722	2.687	8.0	20.2
5 21	16 35.76	−20 29.6	1.676	2.678	3.9	19.9
5 31	16 26.88	−19 59.9	1.655	2.669	0.9	19.7
6 10	16 18.09	−19 30.2	1.662	2.660	5.1	20.0
6 20	16 10.39	−19 3.6	1.694	2.651	9.2	20.2
6 30	16 4.62	−18 43.2	1.750	2.643	13.0	20.4

342649 2008 UP_{370} 5 29.9 31°.91 2°.1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.90	−28 49.7	1.867	2.674	15.4	20.9
5 1	16 51.00	−28 41.8	1.784	2.676	12.3	20.7
5 11	16 44.54	−28 23.9	1.722	2.678	8.7	20.5
5 21	16 36.16	−27 55.3	1.684	2.681	4.8	20.3
5 31	16 26.85	−27 16.5	1.672	2.683	2.1	20.1
6 10	16 17.78	−26 30.4	1.687	2.686	4.9	20.3
6 20	16 10.00	−25 41.3	1.728	2.689	8.8	20.5
6 30	16 4.33	−24 54.1	1.793	2.692	12.4	20.8

341204 2007 RX_{94} 5 29.9 184°.16 3°.3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.24	−13 49.5	2.188	3.000	13.3	21.1
5 1	16 49.09	−13 16.2	2.103	3.000	10.5	20.9
5 11	16 42.94	−12 43.4	2.041	3.000	7.4	20.7
5 21	16 35.31	−12 13.4	2.005	2.999	4.4	20.5
5 31	16 26.96	−11 48.5	1.996	2.999	3.4	20.4
6 10	16 18.74	−11 31.2	2.014	2.998	5.8	20.6
6 20	16 11.46	−11 23.0	2.059	2.998	9.0	20.8
6 30	16 5.79	−11 24.8	2.127	2.997	12.0	20.9

55349 2001 SF_{147} 5 29.9 134°.97 4°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.27	−11 7.3	2.384	3.191	12.4	19.8
5 1	16 48.06	−10 16.1	2.306	3.198	9.9	19.7
5 11	16 42.08	− 9 26.5	2.252	3.204	7.2	19.5
5 21	16 34.84	− 8 41.3	2.223	3.210	4.8	19.4
5 31	16 27.02	− 8 3.8	2.222	3.216	4.3	19.4
6 10	16 19.38	− 7 36.3	2.249	3.221	6.2	19.5
6 20	16 12.61	− 7 20.4	2.302	3.227	8.9	19.7
6 30	16 7.28	− 7 16.7	2.379	3.232	11.5	19.8

178767 2000 WV_{45} 5 29.9 242°.67 1°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.87	−18 5.6	2.644	3.447	11.5	21.1
5 1	16 48.59	−17 54.6	2.542	3.435	9.1	20.9
5 11	16 42.53	−17 42.4	2.463	3.423	6.2	20.7
5 21	16 35.12	−17 29.5	2.410	3.410	3.1	20.5
5 31	16 26.98	−17 17.2	2.386	3.397	1.4	20.3
6 10	16 18.86	−17 6.8	2.390	3.384	4.2	20.5
6 20	16 11.47	−16 59.8	2.422	3.370	7.3	20.7
6 30	16 5.43	−16 57.6	2.480	3.356	10.2	20.9

38602 1999 XW_{229} 5 29.9 298°.63 6°.0/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.48	−35 49.2	2.254	3.025	14.2	18.3
5 1	16 54.09	−37 0.5	2.148	3.006	11.9	18.1
5 11	16 46.96	−38 4.7	2.063	2.987	9.4	17.9
5 21	16 37.53	−38 57.3	2.002	2.969	7.1	17.7
5 31	16 26.66	−39 34.0	1.968	2.950	6.0	17.6
6 10	16 15.51	−39 52.9	1.961	2.932	7.1	17.6
6 20	16 5.31	−39 55.0	1.979	2.913	9.5	17.7
6 30	15 57.15	−39 44.2	2.021	2.895	12.3	17.9

72789 2001 FG_{173} 5 29.9 210°.68 2°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.45	−16 13.5	2.352	3.158	12.6	20.6
5 1	16 49.96	−15 45.2	2.258	3.153	10.0	20.4
5 11	16 43.51	−15 15.8	2.188	3.147	6.9	20.2
5 21	16 35.60	−14 46.7	2.142	3.140	3.8	20.0
5 31	16 26.93	−14 20.2	2.126	3.133	2.5	19.9
6 10	16 18.34	−13 58.3	2.137	3.126	5.1	20.0
6 20	16 10.63	−13 43.0	2.176	3.118	8.4	20.2
6 30	16 4.45	−13 35.8	2.239	3.110	11.4	20.4

356680 2011 UD_{99} 5 29.9 217°.09 1°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.56	−28 37.3	2.706	3.491	11.7	22.5
5 1	16 49.98	−28 43.4	2.606	3.485	9.4	22.3
5 11	16 43.50	−28 43.0	2.529	3.478	6.7	22.1
5 21	16 35.59	−28 35.2	2.478	3.471	3.8	21.9
5 31	16 26.93	−28 19.8	2.455	3.464	1.9	21.8
6 10	16 18.33	−27 57.9	2.460	3.456	3.9	21.9
6 20	16 10.57	−27 31.7	2.494	3.448	6.9	22.1
6 30	16 4.28	−27 4.0	2.554	3.440	9.7	22.3

136915 1998 HM_{109} 5 29.9 80°.03 2°.8/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.72	−26 43.0	2.230	3.017	13.8	19.2
5 1	16 55.18	−27 46.4	2.152	3.032	11.0	19.1
5 11	16 47.23	−28 46.3	2.098	3.047	7.8	18.9
5 21	16 37.44	−29 39.3	2.070	3.062	4.6	18.7
5 31	16 26.70	−30 22.9	2.070	3.076	2.8	18.6
6 10	16 16.06	−30 56.0	2.099	3.091	4.9	18.8
6 20	16 6.51	−31 19.4	2.156	3.105	8.0	19.0
6 30	15 58.89	−31 35.7	2.238	3.120	11.0	19.2

310388 1997 YY_{15} 5 29.9 174.°98 0.°6/30.1 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.27	−24 17.0	1.932	2.733	15.2	22.6
5 1	16 55.06	−24 13.5	1.846	2.737	12.0	22.3
5 11	16 47.25	−24 4.1	1.781	2.739	8.3	22.1
5 21	16 37.48	−23 48.0	1.741	2.741	4.1	21.9
5 31	16 26.71	−23 25.8	1.728	2.742	0.7	21.6
6 10	16 16.13	−22 59.6	1.744	2.742	4.8	21.9
6 20	16 6.80	−22 32.4	1.786	2.742	9.0	22.2
6 30	15 59.60	−22 8.0	1.853	2.740	12.6	22.4

144514 2004 ET_{75} 5 29.9 56.°39 5.°2/27.6 18

4 21	16 51.60	− 9 30.1	2.067	2.882	13.8	19.8
5 1	16 47.83	− 8 35.0	1.993	2.888	11.1	19.6
5 11	16 42.08	− 7 43.0	1.942	2.893	8.2	19.4
5 21	16 34.89	− 6 57.6	1.915	2.899	5.8	19.3
5 31	16 27.04	− 6 22.6	1.915	2.904	5.4	19.3
6 10	16 19.39	− 6 0.7	1.941	2.910	7.3	19.4
6 20	16 12.71	− 5 53.2	1.992	2.916	10.1	19.6
6 30	16 7.65	− 6 0.1	2.066	2.922	12.8	19.8

87400 2000 QW_{73} 5 29.9 282.°97 2.°2/28.9 18

4 21	16 52.17	−16 55.2	2.195	3.010	13.1	19.9
5 1	16 48.44	−16 30.0	2.096	2.996	10.4	19.7
5 11	16 42.63	−16 3.3	2.019	2.981	7.2	19.4
5 21	16 35.24	−15 36.6	1.968	2.967	3.8	19.2
5 31	16 26.99	−15 11.9	1.944	2.953	2.3	19.1
6 10	16 18.76	−14 51.5	1.948	2.939	5.2	19.2
6 20	16 11.40	−14 37.5	1.977	2.925	8.8	19.4
6 30	16 5.64	−14 31.6	2.031	2.911	12.0	19.6

293045 2006 WG_{100} 5 29.9 249.°07 2.°2/29.3 17

4 21	16 57.15	−16 21.2	1.758	2.576	15.8	20.8
5 1	16 52.93	−16 16.3	1.665	2.566	12.5	20.6
5 11	16 46.03	−16 11.9	1.593	2.555	8.7	20.3
5 21	16 37.00	−16 9.1	1.544	2.544	4.5	20.1
5 31	16 26.77	−16 9.0	1.522	2.533	2.4	19.9
6 10	16 16.52	−16 13.2	1.527	2.521	6.0	20.1
6 20	16 7.41	−16 23.1	1.557	2.509	10.3	20.3
6 30	16 0.40	−16 40.0	1.610	2.497	14.2	20.5

9679 Crutzen 5 29.9 276.°17 0.°8/29.7 18

4 21	16 55.74	−21 12.2	1.689	2.511	16.1	19.9
5 1	16 52.09	−20 58.4	1.590	2.493	12.9	19.6
5 11	16 45.62	−20 39.8	1.511	2.475	8.9	19.4
5 21	16 36.86	−20 16.8	1.455	2.457	4.3	19.1
5 31	16 26.78	−19 50.8	1.425	2.438	1.0	18.8
6 10	16 16.64	−19 24.3	1.421	2.420	5.7	19.0
6 20	16 7.66	−19 0.8	1.443	2.401	10.4	19.3
6 30	16 0.90	−18 43.8	1.487	2.382	14.7	19.5

338755 2003 UD_{187} 5 29.9 257.°28 1.°0/29.4 18

4 21	16 54.27	−22 23.9	2.058	2.869	14.0	20.4
5 1	16 50.20	−21 37.2	1.961	2.859	11.1	20.1
5 11	16 43.87	−20 42.9	1.887	2.850	7.6	19.9
5 21	16 35.83	−19 42.5	1.838	2.840	3.7	19.6
5 31	16 26.93	−18 39.1	1.817	2.829	1.3	19.4
6 10	16 18.16	−17 36.6	1.824	2.819	5.0	19.7
6 20	16 10.43	−16 39.2	1.857	2.809	8.9	19.9
6 30	16 4.52	−15 50.9	1.915	2.798	12.5	20.1

249823 2001 FK_{219} 5 29.9 102.°19 2.°5/29.1 17

4 21	16 57.38	−17 42.9	1.624	2.447	16.6	20.7
5 1	16 52.94	−17 11.0	1.555	2.459	13.1	20.5
5 11	16 45.83	−16 36.8	1.507	2.471	8.9	20.3
5 21	16 36.77	−16 2.5	1.483	2.483	4.6	20.0
5 31	16 26.82	−15 30.9	1.485	2.495	2.6	19.9
6 10	16 17.23	−15 5.2	1.513	2.506	6.2	20.2
6 20	16 9.06	−14 48.0	1.566	2.517	10.3	20.4
6 30	16 3.13	−14 41.1	1.642	2.528	14.1	20.7

292296 2006 SD_{140} 5 29.9 193.°15 1.°6/30.3 17

4 21	17 1.53	−24 7.0	2.004	2.801	14.9	21.1
5 1	16 56.16	−24 43.2	1.912	2.799	11.8	20.9
5 11	16 48.13	−25 16.6	1.841	2.797	8.3	20.6
5 21	16 37.98	−25 45.0	1.796	2.794	4.3	20.4
5 31	16 26.66	−26 6.7	1.779	2.791	1.6	20.2
6 10	16 15.34	−26 21.4	1.790	2.787	4.9	20.4
6 20	16 5.16	−26 30.3	1.828	2.782	8.9	20.6
6 30	15 57.07	−26 36.2	1.891	2.777	12.5	20.8

426675 2013 TD_{15} 5 29.9 328.°58 1.°5/29.6 17

4 21	16 52.14	−18 46.5	1.317	2.163	18.5	21.2
5 1	16 49.91	−18 44.4	1.232	2.149	14.7	20.9
5 11	16 44.49	−18 40.9	1.165	2.136	10.2	20.6
5 21	16 36.43	−18 36.8	1.120	2.123	5.0	20.3
5 31	16 26.84	−18 33.6	1.098	2.111	1.7	20.0
6 10	16 17.23	−18 33.2	1.099	2.099	6.7	20.3
6 20	16 9.04	−18 37.8	1.124	2.089	11.9	20.6
6 30	16 3.48	−18 49.8	1.169	2.079	16.7	20.8

33508 Drewnik 5 29.9 320.°21 0.°3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.53	−20 58.6	1.513	2.346	17.1	18.4
5 1	16 50.64	−21 4.6	1.423	2.333	13.6	18.1
5 11	16 44.77	−21 8.0	1.353	2.320	9.4	17.8
5 21	16 36.50	−21 8.4	1.305	2.308	4.6	17.5
5 31	16 26.84	−21 6.3	1.282	2.296	0.7	17.2
6 10	16 17.16	−21 3.1	1.284	2.285	5.8	17.5
6 20	16 8.77	−21 1.1	1.311	2.274	10.8	17.7
6 30	16 2.77	−21 3.2	1.358	2.264	15.1	18.0

472116 2014 BH_{10} 5 29.9 324.°82 11.°5/27.8 18

4 21	16 54.72	+ 6 41.9	1.692	2.478	17.6	19.9
5 1	16 50.93	+ 7 17.6	1.611	2.464	15.5	19.7
5 11	16 44.60	+ 7 34.8	1.549	2.451	13.4	19.6
5 21	16 36.28	+ 7 27.0	1.507	2.438	11.9	19.4
5 31	16 26.87	+ 6 49.6	1.487	2.426	11.6	19.4
6 10	16 17.50	+ 5 41.6	1.491	2.414	12.8	19.4
6 20	16 9.24	+ 4 5.9	1.517	2.403	15.0	19.5
6 30	16 2.98	+ 2 7.8	1.564	2.392	17.5	19.7

305922 2009 FJ_{63} 5 29.9 310.°71 3.°7/31.0 17

4 21	16 55.85	−30 32.6	2.104	2.898	14.3	20.6
5 1	16 51.74	−31 12.0	2.011	2.892	11.7	20.4
5 11	16 45.13	−31 44.5	1.939	2.886	8.6	20.2
5 21	16 36.54	−32 7.2	1.892	2.880	5.4	20.0
5 31	16 26.84	−32 18.2	1.872	2.874	3.7	19.9
6 10	16 17.16	−32 17.5	1.878	2.869	5.4	20.0
6 20	16 8.55	−32 7.1	1.910	2.864	8.6	20.2
6 30	16 1.91	−31 50.7	1.967	2.859	11.8	20.4

496887 2000 UT_{32} 5 29.9 241.°32 1.°0/29.6 17

4 21	16 58.55	−20 30.0	1.830	2.641	15.5	22.7
5 1	16 54.04	−20 16.5	1.729	2.626	12.3	22.4
5 11	16 46.81	−19 59.1	1.649	2.611	8.5	22.2
5 21	16 37.40	−19 38.0	1.593	2.594	4.2	21.9
5 31	16 26.74	−19 14.6	1.564	2.577	1.2	21.6
6 10	16 16.03	−18 51.2	1.563	2.560	5.5	21.9
6 20	16 6.44	−18 30.8	1.587	2.541	10.0	22.1
6 30	15 58.97	−18 16.5	1.635	2.522	14.1	22.3

437691 2014 DF_{28} 5 29.9 105.°15 6.°5/27.4 17

4 21	16 52.75	− 4 34.0	2.123	2.928	13.9	21.2
5 1	16 48.66	− 3 45.9	2.051	2.933	11.4	21.0
5 11	16 42.61	− 3 4.7	2.001	2.939	8.9	20.8
5 21	16 35.16	− 2 34.2	1.975	2.944	6.9	20.7
5 31	16 27.04	− 2 17.8	1.975	2.950	6.6	20.7
6 10	16 19.10	− 2 17.3	2.001	2.955	8.2	20.8
6 20	16 12.12	− 2 33.0	2.052	2.960	10.6	21.0
6 30	16 6.73	− 3 3.6	2.126	2.966	13.1	21.2

56905 2000 QB_{176} 5 29.9 34.°26 7.°8/ 2.1 17

4 21	16 57.69	−39 16.6	1.392	2.190	20.1	18.1
5 1	16 54.46	−39 54.8	1.330	2.203	16.9	17.9
5 11	16 47.51	−40 13.6	1.286	2.217	13.3	17.7
5 21	16 37.75	−40 7.8	1.261	2.231	9.9	17.6
5 31	16 26.72	−39 34.6	1.259	2.246	7.9	17.5
6 10	16 16.24	−38 37.2	1.281	2.262	8.8	17.6
6 20	16 7.86	−37 22.8	1.325	2.279	11.6	17.8
6 30	16 2.61	−36 1.1	1.391	2.295	14.9	18.1

379518 2010 LB_{49} 5 29.9 248.°31 2.°9/28.8 18

4 21	16 52.35	−12 49.8	2.532	3.338	11.9	21.3
5 1	16 48.21	−12 34.5	2.437	3.329	9.4	21.1
5 11	16 42.29	−12 21.1	2.364	3.320	6.7	20.9
5 21	16 35.02	−12 10.9	2.317	3.311	4.0	20.7
5 31	16 27.05	−12 5.7	2.298	3.301	3.0	20.6
6 10	16 19.12	−12 6.7	2.307	3.292	5.1	20.7
6 20	16 11.93	−12 14.8	2.344	3.282	8.1	20.9
6 30	16 6.11	−12 30.5	2.405	3.272	10.8	21.1

107006 2000 YH_{112} 5 29.9 144.°32 2.°1/30.6 17

4 21	17 0.63	−27 28.6	1.819	2.619	16.0	21.1
5 1	16 55.54	−27 38.4	1.740	2.628	12.8	20.9
5 11	16 47.67	−27 40.3	1.682	2.636	9.0	20.6
5 21	16 37.72	−27 32.5	1.648	2.644	4.9	20.4
5 31	16 26.74	−27 14.7	1.641	2.652	2.1	20.2
6 10	16 16.03	−26 48.7	1.661	2.658	5.1	20.5
6 20	16 6.74	−26 18.2	1.707	2.664	9.2	20.7
6 30	15 59.75	−25 47.8	1.777	2.670	12.8	20.9

126845 2002 EX_{67} 5 29.9 81.°19 1.°0/29.6 17

4 21	16 55.35	−20 39.7	1.807	2.626	15.4	20.4
5 1	16 51.20	−20 22.1	1.733	2.635	12.1	20.2
5 11	16 44.60	−20 0.6	1.680	2.643	8.2	20.0
5 21	16 36.19	−19 36.2	1.651	2.652	4.0	19.8
5 31	16 26.93	−19 10.6	1.648	2.661	1.1	19.6
6 10	16 17.94	−18 46.3	1.673	2.670	5.1	19.9
6 20	16 10.21	−18 26.2	1.723	2.679	9.2	20.1
6 30	16 4.51	−18 12.6	1.797	2.688	12.8	20.4

387333 2012 VK_{96} 5 29.9 256°.36 0°.1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.62	−22 31.2	2.080	2.890	13.9	21.6
5 1	16 50.54	−22 26.8	1.985	2.882	11.0	21.4
5 11	16 44.17	−22 18.0	1.912	2.874	7.6	21.1
5 21	16 36.03	−22 5.0	1.864	2.865	3.7	20.9
5 31	16 26.94	−21 48.3	1.843	2.857	0.4	20.6
6 10	16 17.92	−21 29.8	1.850	2.848	4.6	20.9
6 20	16 9.89	−21 11.8	1.883	2.840	8.5	21.1
6 30	16 3.68	−20 57.1	1.940	2.831	12.0	21.3

253967 2004 DT_{79} 5 29.9 139°.98 3°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.78	−15 5.1	1.899	2.711	15.0	21.9
5 1	16 52.88	−14 34.5	1.824	2.721	11.8	21.7
5 11	16 45.62	−14 3.8	1.771	2.731	8.2	21.5
5 21	16 36.65	−13 35.2	1.743	2.740	4.6	21.3
5 31	16 26.89	−13 11.3	1.742	2.749	3.2	21.2
6 10	16 17.38	−12 54.4	1.769	2.757	6.1	21.4
6 20	16 9.08	−12 46.4	1.822	2.765	9.7	21.6
6 30	16 2.72	−12 48.5	1.898	2.772	13.0	21.9

376927 2002 CM_{67} 5 29.9 204°.36 4°.8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.32	− 9 38.6	1.914	2.727	14.9	20.8
5 1	16 51.04	− 9 12.8	1.832	2.726	12.0	20.6
5 11	16 44.46	− 8 51.6	1.771	2.724	8.7	20.4
5 21	16 36.15	− 8 37.7	1.734	2.722	5.8	20.2
5 31	16 26.94	− 8 33.8	1.723	2.720	5.0	20.2
6 10	16 17.86	− 8 41.5	1.739	2.717	7.2	20.3
6 20	16 9.83	− 9 1.3	1.781	2.715	10.4	20.5
6 30	16 3.63	− 9 32.9	1.845	2.712	13.6	20.7

79991 1999 FW_{3} 5 29.9 358°.99 0°.9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.68	−20 33.8	1.936	2.755	14.5	18.7
5 1	16 49.07	−20 19.1	1.852	2.755	11.4	18.5
5 11	16 43.16	−20 1.0	1.790	2.754	7.8	18.3
5 21	16 35.52	−19 40.2	1.752	2.754	3.8	18.1
5 31	16 27.02	−19 18.1	1.741	2.754	1.1	17.9
6 10	16 18.67	−18 57.1	1.756	2.754	4.9	18.1
6 20	16 11.41	−18 39.7	1.798	2.754	8.8	18.4
6 30	16 5.99	−18 28.2	1.863	2.755	12.3	18.6

202700 2007 FS_{37} 5 29.9 359°.57 2°.1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.48	−18 38.3	1.506	2.343	17.0	20.3
5 1	16 49.53	−18 13.8	1.429	2.341	13.4	20.1
5 11	16 43.79	−17 46.3	1.372	2.340	9.2	19.8
5 21	16 35.93	−17 17.6	1.338	2.340	4.7	19.6
5 31	16 26.97	−16 50.5	1.329	2.340	2.3	19.4
6 10	16 18.22	−16 28.1	1.344	2.341	6.3	19.7
6 20	16 10.82	−16 13.3	1.384	2.342	10.8	19.9
6 30	16 5.70	−16 8.3	1.445	2.344	14.8	20.2

505480 2013 VJ_{14} 5 29.9 225°.47 0°.9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.75	−26 0.7	2.279	3.072	13.4	22.9
5 1	16 52.84	−25 47.5	2.175	3.061	10.7	22.7
5 11	16 45.66	−25 27.0	2.093	3.048	7.4	22.5
5 21	16 36.74	−24 58.8	2.037	3.035	3.8	22.2
5 31	16 26.87	−24 23.5	2.008	3.022	0.9	22.0
6 10	16 17.06	−23 43.3	2.009	3.007	4.3	22.2
6 20	16 8.24	−23 1.5	2.037	2.992	8.1	22.4
6 30	16 1.19	−22 21.9	2.091	2.976	11.5	22.6

460641 2014 UO_{116} 5 29.9 324°.46 6°.7/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.53	−32 7.4	1.054	1.904	21.8	20.3
5 1	16 49.41	−32 57.5	0.964	1.878	18.2	19.9
5 11	16 45.18	−33 36.0	0.890	1.852	13.9	19.6
5 21	16 37.22	−33 56.3	0.835	1.827	9.4	19.2
5 31	16 26.77	−33 52.8	0.799	1.803	6.7	19.0
6 10	16 15.92	−33 24.1	0.783	1.781	9.2	19.0
6 20	16 6.89	−32 35.1	0.787	1.760	14.4	19.2
6 30	16 1.52	−31 35.6	0.808	1.741	19.7	19.4

472233 2014 GG_{32} 5 29.9 151°.60 4°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.36	− 9 5.1	2.497	3.300	12.1	20.8
5 1	16 48.12	− 8 41.6	2.415	3.303	9.7	20.6
5 11	16 42.16	− 8 22.1	2.356	3.305	7.1	20.5
5 21	16 34.95	− 8 8.6	2.323	3.308	4.8	20.3
5 31	16 27.12	− 8 3.2	2.317	3.310	4.2	20.3
6 10	16 19.41	− 8 7.1	2.339	3.312	5.9	20.4
6 20	16 12.50	− 8 20.7	2.388	3.315	8.5	20.6
6 30	16 6.97	− 8 44.0	2.461	3.317	11.0	20.7

117525 2005 CJ_{53} 5 29.9 63°.51 1°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.69	−18 10.4	1.371	2.205	18.5	20.0
5 1	16 53.65	−17 58.6	1.311	2.221	14.6	19.7
5 11	16 46.55	−17 45.4	1.271	2.238	9.9	19.5
5 21	16 37.20	−17 32.2	1.252	2.254	4.9	19.3
5 31	16 26.85	−17 20.7	1.258	2.270	2.1	19.1
6 10	16 16.95	−17 13.2	1.290	2.287	6.4	19.4
6 20	16 8.73	−17 12.0	1.345	2.304	11.0	19.7
6 30	16 3.08	−17 18.7	1.422	2.320	15.1	20.0

142523 2002 TO_{43} 5 29.9 243°.27 0°.4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.92	−23 34.7	1.941	2.748	14.9	21.4
5 1	16 53.44	−23 31.1	1.840	2.734	11.9	21.1
5 11	16 46.35	−23 22.0	1.759	2.719	8.2	20.9
5 21	16 37.18	−23 7.0	1.703	2.703	4.1	20.6
5 31	16 26.83	−22 46.4	1.674	2.687	0.6	20.3
6 10	16 16.46	−22 22.1	1.672	2.671	5.0	20.6
6 20	16 7.16	−21 57.1	1.697	2.654	9.3	20.8
6 30	15 59.90	−21 35.0	1.746	2.636	13.1	21.0

504313 2007 LG_{14} 5 29.9 248°.50 2°.9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.83	−14 45.6	1.999	2.813	14.3	21.5
5 1	16 50.71	−14 26.0	1.906	2.804	11.3	21.2
5 11	16 44.29	−14 7.1	1.834	2.795	7.9	21.0
5 21	16 36.11	−13 50.4	1.788	2.785	4.5	20.8
5 31	16 26.97	−13 38.1	1.768	2.775	3.0	20.7
6 10	16 17.88	−13 32.1	1.776	2.765	5.9	20.8
6 20	16 9.76	−13 33.9	1.809	2.755	9.6	21.0
6 30	16 3.44	−13 44.6	1.866	2.744	13.0	21.2

424823 2008 UF_{165} 5 29.9 52°.17 0°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.45	−23 9.7	1.792	2.611	15.5	21.0
5 1	16 50.61	−22 49.3	1.714	2.616	12.2	20.8
5 11	16 44.26	−22 22.7	1.658	2.622	8.3	20.6
5 21	16 36.06	−21 50.5	1.626	2.628	4.0	20.3
5 31	16 26.99	−21 14.5	1.620	2.634	0.5	20.1
6 10	16 18.18	−20 37.8	1.641	2.640	5.0	20.4
6 20	16 10.63	−20 3.9	1.688	2.646	9.1	20.7
6 30	16 5.13	−19 36.2	1.758	2.653	12.8	20.9

338673 2003 SJ_{423} 5 29.9 301°.76 6°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.07	−34 30.8	1.791	2.581	16.6	20.4
5 1	16 55.36	−35 48.1	1.686	2.558	14.0	20.2
5 11	16 48.35	−36 59.0	1.601	2.535	11.0	19.9
5 21	16 38.45	−37 57.4	1.539	2.512	8.1	19.7
5 31	16 26.66	−38 37.7	1.502	2.490	6.7	19.6
6 10	16 14.44	−38 57.0	1.490	2.467	8.2	19.6
6 20	16 3.39	−38 56.2	1.502	2.445	11.4	19.7
6 30	15 54.90	−38 40.5	1.537	2.423	14.8	19.9

385143 2013 TT_{7} 5 29.9 290°.84 9°.6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.11	− 2 28.6	1.696	2.512	16.3	19.8
5 1	16 48.92	− 0 54.7	1.611	2.495	13.8	19.6
5 11	16 43.26	+ 0 33.4	1.546	2.478	11.4	19.4
5 21	16 35.68	+ 1 48.3	1.503	2.461	9.8	19.3
5 31	16 27.03	+ 2 43.0	1.485	2.443	10.0	19.2
6 10	16 18.40	+ 3 12.2	1.490	2.426	11.9	19.3
6 20	16 10.82	+ 3 14.2	1.517	2.409	14.6	19.4
6 30	16 5.16	+ 2 50.0	1.564	2.392	17.5	19.6

425155 2009 SS_{347} 5 29.9 283°.89 1°.8/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.73	−25 18.6	1.671	2.488	16.5	21.8
5 1	16 52.99	−25 38.9	1.579	2.478	13.2	21.5
5 11	16 46.31	−25 53.9	1.507	2.467	9.3	21.3
5 21	16 37.26	−26 1.8	1.458	2.457	4.9	21.0
5 31	16 26.84	−26 1.6	1.435	2.447	1.8	20.7
6 10	16 16.42	−25 54.0	1.438	2.437	5.5	21.0
6 20	16 7.27	−25 41.7	1.466	2.427	10.0	21.2
6 30	16 0.47	−25 28.6	1.516	2.417	14.1	21.4

328490 2009 ON_{2} 5 29.9 285°.87 1°.8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.97	−26 41.1	1.613	2.432	16.9	20.5
5 1	16 52.54	−26 42.7	1.518	2.417	13.6	20.2
5 11	16 46.08	−26 35.8	1.442	2.403	9.6	19.9
5 21	16 37.17	−26 18.9	1.389	2.388	5.1	19.6
5 31	16 26.86	−25 51.8	1.361	2.374	1.8	19.4
6 10	16 16.55	−25 16.8	1.359	2.359	5.6	19.6
6 20	16 7.56	−24 38.1	1.382	2.345	10.4	19.8
6 30	16 1.01	−24 1.1	1.427	2.331	14.7	20.0

88251 2001 FX_{7} 5 29.9 126°.80 10°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.87	−11 4.1	1.180	2.017	20.7	18.5
5 1	16 56.36	− 8 7.3	1.121	2.027	16.8	18.3
5 11	16 48.47	− 5 6.1	1.083	2.036	12.9	18.1
5 21	16 38.14	− 2 14.0	1.068	2.045	10.3	18.0
5 31	16 26.78	+ 0 14.1	1.078	2.053	10.7	18.0
6 10	16 16.01	+ 2 6.9	1.112	2.060	13.7	18.2
6 20	16 7.15	+ 3 19.5	1.167	2.067	17.4	18.4
6 30	16 1.14	+ 3 53.3	1.239	2.074	20.8	18.7

433511 2013 WD_{55} 5 29.9 140°.06 3°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.30	−14 11.8	2.111	2.922	13.8	21.4
5 1	16 50.75	−13 45.4	2.033	2.929	10.9	21.3
5 11	16 44.10	−13 19.8	1.978	2.936	7.6	21.1
5 21	16 35.93	−12 57.0	1.947	2.943	4.4	20.9
5 31	16 27.04	−12 39.1	1.944	2.949	3.2	20.8
6 10	16 18.34	−12 28.0	1.969	2.955	5.7	21.0
6 20	16 10.67	−12 25.3	2.020	2.961	9.0	21.2
6 30	16 4.70	−12 31.6	2.095	2.966	12.1	21.4

322589 2012 BZ_{14} 5 29.9 330°.93 1°.0/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.13	−25 1.0	1.347	2.184	18.7	20.5
5 1	16 51.47	−24 56.2	1.266	2.177	14.9	20.2
5 11	16 45.52	−24 42.8	1.203	2.170	10.4	19.9
5 21	16 36.93	−24 20.1	1.162	2.163	5.2	19.6
5 31	16 26.91	−23 49.0	1.144	2.157	1.1	19.3
6 10	16 17.01	−23 12.7	1.150	2.152	6.1	19.6
6 20	16 8.71	−22 36.0	1.180	2.147	11.3	19.9
6 30	16 3.12	−22 4.3	1.231	2.142	15.9	20.2

219077 1998 FC_{88} 5 29.9 151°.80 5°.5/27.5 17

4 21	16 55.70	− 6 1.5	2.438	3.230	12.7	20.6
5 1	16 50.65	− 5 14.9	2.364	3.241	10.3	20.5
5 11	16 43.83	− 4 33.4	2.313	3.250	7.8	20.3
5 21	16 35.74	− 4 0.0	2.287	3.259	5.9	20.2
5 31	16 27.08	− 3 37.9	2.290	3.268	5.6	20.2
6 10	16 18.61	− 3 28.6	2.320	3.275	7.1	20.3
6 20	16 11.03	− 3 33.0	2.376	3.282	9.5	20.5
6 30	16 4.91	− 3 50.3	2.457	3.289	11.8	20.7

278674 2008 RA_{94} 5 29.9 6°.48 1°.2/29.6 17

4 21	16 53.56	−19 50.3	1.600	2.431	16.5	20.9
5 1	16 50.25	−19 37.4	1.523	2.431	13.0	20.7
5 11	16 44.24	−19 21.4	1.465	2.432	8.9	20.5
5 21	16 36.15	−19 3.1	1.430	2.433	4.3	20.2
5 31	16 27.02	−18 44.4	1.421	2.434	1.4	20.0
6 10	16 18.08	−18 27.8	1.438	2.436	5.7	20.3
6 20	16 10.46	−18 15.8	1.479	2.438	10.1	20.5
6 30	16 5.04	−18 10.9	1.542	2.441	14.1	20.8

34320 2000 QU_{195} 5 29.9 125°.90 2°.3/28.9 18

4 21	16 52.85	−15 31.6	2.514	3.320	11.9	19.5
5 1	16 48.50	−15 6.6	2.435	3.329	9.4	19.4
5 11	16 42.41	−14 41.4	2.379	3.338	6.5	19.2
5 21	16 35.08	−14 17.6	2.349	3.346	3.6	19.0
5 31	16 27.18	−13 56.9	2.348	3.354	2.4	18.9
6 10	16 19.45	−13 41.2	2.374	3.363	4.7	19.1
6 20	16 12.56	−13 31.8	2.428	3.370	7.6	19.3
6 30	16 7.08	−13 29.7	2.507	3.378	10.4	19.5

38956 2000 SR_{336} 5 29.9 199°.22 4°.6/27.6 18

4 21	16 54.25	−12 50.2	2.048	2.861	14.0	19.6
5 1	16 50.03	−11 41.7	1.963	2.859	11.2	19.4
5 11	16 43.68	−10 32.2	1.901	2.857	8.0	19.2
5 21	16 35.77	− 9 25.7	1.865	2.855	5.3	19.1
5 31	16 27.09	− 8 26.4	1.856	2.852	4.8	19.0
6 10	16 18.59	− 7 38.5	1.875	2.849	7.1	19.2
6 20	16 11.09	− 7 4.7	1.919	2.845	10.2	19.3
6 30	16 5.31	− 6 46.4	1.986	2.842	13.3	19.5

202080 2004 SR_{40} 5 29.9 232°.16 3°.7/30.9 18

4 21	17 0.00	−30 17.4	2.178	2.962	14.2	20.5
5 1	16 55.04	−31 4.2	2.078	2.953	11.6	20.2
5 11	16 47.46	−31 45.2	2.000	2.943	8.5	20.0
5 21	16 37.77	−32 17.0	1.947	2.933	5.4	19.8
5 31	16 26.84	−32 37.0	1.921	2.923	3.7	19.7
6 10	16 15.82	−32 44.6	1.923	2.912	5.5	19.8
6 20	16 5.83	−32 41.3	1.952	2.901	8.7	20.0
6 30	15 57.84	−32 30.8	2.005	2.889	12.0	20.1

435195 2007 RB_{107} 5 29.9 280°.42 1°.4/29.4 18

4 21	16 54.63	−19 16.8	2.070	2.882	13.9	22.1
5 1	16 50.72	−18 58.2	1.958	2.857	11.1	21.8
5 11	16 44.45	−18 36.4	1.868	2.831	7.6	21.6
5 21	16 36.30	−18 12.2	1.803	2.804	3.8	21.3
5 31	16 27.02	−17 47.1	1.765	2.777	1.6	21.1
6 10	16 17.62	−17 23.6	1.755	2.750	5.2	21.2
6 20	16 9.10	−17 4.2	1.771	2.723	9.3	21.4
6 30	16 2.33	−16 51.6	1.811	2.695	13.0	21.6

64854 2001 YV_{30} 5 29.9 336°.48 1°.0/30.3 17

4 21	16 53.67	−25 37.3	1.216	2.060	19.8	19.2
5 1	16 51.45	−25 26.1	1.138	2.053	15.9	18.9
5 11	16 45.69	−25 4.2	1.078	2.046	11.1	18.6
5 21	16 37.08	−24 31.1	1.038	2.040	5.6	18.3
5 31	16 26.93	−23 48.1	1.022	2.035	1.1	18.0
6 10	16 16.96	−22 59.5	1.028	2.030	6.5	18.3
6 20	16 8.74	−22 11.5	1.057	2.026	12.0	18.6
6 30	16 3.47	−21 30.3	1.107	2.023	16.9	18.8

61952 2000 RG_{17} 5 29.9 261°.38 5°.2/27.4 18

4 21	16 54.12	−11 23.1	1.983	2.797	14.4	19.6
5 1	16 50.18	−10 16.3	1.884	2.780	11.6	19.4
5 11	16 43.98	− 9 8.7	1.808	2.762	8.5	19.2
5 21	16 36.01	− 8 4.4	1.757	2.744	5.9	19.0
5 31	16 27.07	− 7 8.2	1.732	2.725	5.5	18.9
6 10	16 18.14	− 6 24.4	1.735	2.706	7.8	19.0
6 20	16 10.15	− 5 56.0	1.762	2.686	11.1	19.2
6 30	16 3.91	− 5 44.5	1.812	2.667	14.4	19.3

240284 2003 DU_{19} 5 29.9 34°.75 5°.5/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.65	−13 2.2	1.175	2.025	20.0	20.0
5 1	16 51.74	−12 15.7	1.114	2.031	16.0	19.7
5 11	16 45.54	−11 31.4	1.071	2.038	11.4	19.5
5 21	16 36.85	−10 54.1	1.049	2.046	7.0	19.3
5 31	16 26.98	−10 28.6	1.050	2.054	5.6	19.2
6 10	16 17.49	−10 18.7	1.074	2.062	9.0	19.4
6 20	16 9.74	−10 25.9	1.120	2.071	13.4	19.7
6 30	16 4.72	−10 49.7	1.185	2.081	17.6	20.0

72922 2001 UL_{213} 5 29.9 113°.68 4°.3/31.0 17

4 21	17 2.31	−30 51.2	1.907	2.695	15.8	20.9
5 1	16 56.98	−31 46.3	1.831	2.707	12.8	20.7
5 11	16 48.78	−32 33.7	1.776	2.719	9.4	20.5
5 21	16 38.36	−33 9.6	1.746	2.731	6.1	20.4
5 31	16 26.80	−33 30.9	1.742	2.743	4.3	20.3
6 10	16 15.41	−33 37.4	1.766	2.754	6.0	20.4
6 20	16 5.41	−33 31.6	1.815	2.765	9.3	20.6
6 30	15 57.78	−33 18.0	1.889	2.775	12.5	20.8

294342 2007 VQ_{87} 5 29.9 144°.19 1°.6/30.6 17

4 21	16 59.36	−27 5.7	1.676	2.486	16.8	21.1
5 1	16 54.79	−26 59.6	1.597	2.491	13.4	20.9
5 11	16 47.30	−26 44.3	1.539	2.497	9.3	20.6
5 21	16 37.63	−26 18.8	1.504	2.502	4.9	20.4
5 31	16 26.89	−25 43.7	1.494	2.507	1.6	20.2
6 10	16 16.44	−25 1.8	1.512	2.511	5.3	20.4
6 20	16 7.49	−24 17.9	1.555	2.515	9.7	20.7
6 30	16 0.95	−23 36.9	1.622	2.519	13.6	20.9

151540 2002 SR_{14} 5 29.9 315°.60 1°.1/29.7 18 R

4 21	16 55.13	−20 3.3	1.168	2.017	20.2	19.9
5 1	16 52.72	−20 0.7	1.089	2.008	16.1	19.6
5 11	16 46.68	−19 55.0	1.027	1.998	11.1	19.3
5 21	16 37.64	−19 46.6	0.986	1.989	5.5	18.9
5 31	16 26.87	−19 36.7	0.967	1.981	1.3	18.6
6 10	16 16.12	−19 27.9	0.972	1.972	7.1	18.9
6 20	16 7.07	−19 23.4	0.998	1.965	12.8	19.2
6 30	16 1.03	−19 26.5	1.044	1.958	17.9	19.5

224459 2005 VM_{37} 5 29.9 170°.50 1°.9/29.1 18

4 21	16 56.37	−18 20.5	2.268	3.071	13.1	21.3
5 1	16 51.50	−17 47.4	2.182	3.075	10.3	21.1
5 11	16 44.58	−17 11.5	2.119	3.079	7.1	20.9
5 21	16 36.19	−16 34.3	2.082	3.081	3.6	20.7
5 31	16 27.07	−15 58.0	2.073	3.083	2.0	20.6
6 10	16 18.14	−15 25.3	2.093	3.085	4.9	20.8
6 20	16 10.19	−14 58.5	2.141	3.086	8.3	21.0
6 30	16 3.90	−14 39.7	2.213	3.086	11.4	21.2

154547 2003 GC_{37} 5 29.9 26°.66 1°.1/29.8 17

4 21	16 56.38	−17 30.3	1.436	2.270	17.9	19.7
5 1	16 52.76	−17 56.4	1.366	2.276	14.1	19.5
5 11	16 46.12	−18 24.6	1.316	2.283	9.7	19.2
5 21	16 37.14	−18 54.4	1.288	2.290	4.7	19.0
5 31	16 26.96	−19 24.9	1.285	2.299	1.2	18.7
6 10	16 17.00	−19 56.0	1.308	2.307	5.9	19.1
6 20	16 8.53	−20 27.9	1.355	2.317	10.6	19.4
6 30	16 2.56	−21 1.6	1.423	2.326	14.8	19.6

311407 2005 UE_{23} 5 29.9 230°.01 1°.3/29.3 16

4 21	16 52.12	−19 40.3	2.534	3.340	11.8	21.7
5 1	16 48.06	−19 7.8	2.440	3.335	9.3	21.5
5 11	16 42.21	−18 31.9	2.369	3.330	6.3	21.3
5 21	16 35.05	−17 53.8	2.324	3.324	3.2	21.1
5 31	16 27.23	−17 15.4	2.307	3.319	1.5	20.9
6 10	16 19.52	−16 39.3	2.320	3.313	4.3	21.1
6 20	16 12.62	−16 7.7	2.359	3.308	7.5	21.3
6 30	16 7.13	−15 42.9	2.424	3.302	10.4	21.5

176545 2002 AM_{87} 5 29.9 48°.29 2°.9/28.8 17

4 21	16 52.07	−15 21.1	2.032	2.851	13.9	19.9
5 1	16 48.27	−14 48.4	1.962	2.864	10.9	19.7
5 11	16 42.44	−14 15.6	1.915	2.877	7.5	19.5
5 21	16 35.16	−13 44.9	1.892	2.890	4.2	19.4
5 31	16 27.22	−13 18.9	1.897	2.903	3.0	19.3
6 10	16 19.54	−12 59.8	1.928	2.917	5.6	19.5
6 20	16 12.90	−12 49.3	1.985	2.931	8.9	19.7
6 30	16 7.95	−12 48.4	2.066	2.945	11.9	19.9

478115 2011 UK_{85} 5 29.9 164°.95 0°.1/29.9 16

4 21	16 52.82	−24 5.4	2.394	3.197	12.5	21.2
5 1	16 48.72	−23 38.4	2.305	3.198	9.9	21.0
5 11	16 42.71	−23 5.3	2.238	3.198	6.7	20.8
5 21	16 35.29	−22 26.7	2.198	3.199	3.3	20.6
5 31	16 27.21	−21 44.3	2.185	3.199	0.4	20.3
6 10	16 19.29	−21 0.7	2.201	3.199	4.0	20.6
6 20	16 12.29	−20 18.9	2.244	3.200	7.4	20.8
6 30	16 6.85	−19 41.8	2.313	3.200	10.5	21.0

258916 2002 RC_{17} 5 29.9 223°.43 0°.6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.56	−23 58.4	2.008	2.811	14.6	21.8
5 1	16 53.83	−23 56.3	1.910	2.801	11.6	21.6
5 11	16 46.56	−23 48.8	1.833	2.791	8.1	21.3
5 21	16 37.31	−23 35.2	1.781	2.781	4.0	21.0
5 31	16 26.96	−23 15.9	1.756	2.770	0.7	20.8
6 10	16 16.64	−22 52.5	1.759	2.758	4.8	21.0
6 20	16 7.41	−22 28.0	1.789	2.745	8.9	21.3
6 30	16 0.16	−22 5.9	1.844	2.732	12.6	21.5

160143 2001 ED_{17} 5 29.9 154°.73 15°.0/29.8 18

4 21	17 6.44	+10 25.0	1.258	2.034	23.0	19.7
5 1	17 0.84	+11 4.5	1.197	2.039	20.4	19.5
5 11	16 51.71	+11 16.0	1.151	2.043	17.8	19.4
5 21	16 39.86	+10 50.4	1.123	2.047	15.7	19.3
5 31	16 26.67	+ 9 42.1	1.116	2.050	15.0	19.2
6 10	16 13.82	+ 7 52.3	1.131	2.052	16.1	19.3
6 20	16 2.82	+ 5 28.5	1.168	2.054	18.5	19.5
6 30	15 54.78	+ 2 41.5	1.225	2.056	21.2	19.6

62329 2000 SN_{124} 5 29.9 317°.07 0°.3/30.0 17

4 21	16 53.49	−21 51.3	1.512	2.345	17.2	19.2
5 1	16 50.76	−22 4.3	1.418	2.327	13.7	18.9
5 11	16 45.01	−22 14.6	1.342	2.309	9.5	18.6
5 21	16 36.76	−22 21.3	1.289	2.292	4.7	18.3
5 31	16 27.01	−22 24.3	1.261	2.275	0.6	17.9
6 10	16 17.13	−22 24.5	1.257	2.258	5.8	18.2
6 20	16 8.50	−22 24.1	1.278	2.243	10.8	18.5
6 30	16 2.29	−22 26.3	1.320	2.227	15.4	18.7

483085 2015 MJ_{49} 5 29.9 333°.93 0°.1/29.9 16

4 21	16 53.11	−19 36.1	1.812	2.635	15.1	20.3
5 1	16 49.86	−20 7.0	1.716	2.621	12.0	20.1
5 11	16 44.06	−20 38.8	1.641	2.606	8.3	19.8
5 21	16 36.18	−21 10.8	1.591	2.593	4.0	19.5
5 31	16 27.08	−21 42.0	1.566	2.580	0.5	19.2
6 10	16 17.89	−22 12.0	1.568	2.568	5.0	19.5
6 20	16 9.72	−22 41.2	1.595	2.556	9.4	19.8
6 30	16 3.53	−23 10.5	1.646	2.546	13.3	20.0

201643 2003 SC_{340} 5 29.9 158°.43 3°.3/31.3 17

4 21	16 58.43	−31 59.8	2.421	3.197	13.2	22.0
5 1	16 53.29	−32 18.1	2.334	3.203	10.7	21.8
5 11	16 45.91	−32 27.7	2.268	3.209	7.8	21.7
5 21	16 36.88	−32 26.7	2.228	3.214	4.9	21.5
5 31	16 27.02	−32 14.2	2.216	3.218	3.3	21.4
6 10	16 17.33	−31 51.2	2.232	3.223	4.8	21.5
6 20	16 8.70	−31 20.5	2.275	3.226	7.6	21.7
6 30	16 1.88	−30 46.0	2.344	3.229	10.4	21.9

459608 2013 HP_{43} 5 29.9 152°.33 3°.6/31.1 16

4 21	17 2.07	−30 18.9	1.628	2.429	17.6	22.7
5 1	16 57.22	−30 41.8	1.550	2.435	14.2	22.5
5 11	16 49.17	−30 54.6	1.490	2.441	10.3	22.3
5 21	16 38.63	−30 54.0	1.454	2.446	6.2	22.0
5 31	16 26.83	−30 38.5	1.443	2.450	3.6	21.9
6 10	16 15.28	−30 9.6	1.459	2.454	6.1	22.0
6 20	16 5.35	−29 31.9	1.500	2.458	10.1	22.3
6 30	15 58.10	−28 51.4	1.564	2.461	14.0	22.5

350024 2010 JO_{112} 5 29.9 285°.23 7°.7/25.6 16

4 21	16 51.22	− 4 13.9	2.068	2.877	14.1	20.9
5 1	16 47.71	− 2 47.2	1.982	2.865	11.7	20.7
5 11	16 42.17	− 1 24.7	1.919	2.853	9.4	20.5
5 21	16 35.11	− 0 11.9	1.880	2.841	7.9	20.4
5 31	16 27.24	+ 0 45.5	1.867	2.829	7.9	20.4
6 10	16 19.45	+ 1 23.6	1.879	2.817	9.6	20.5
6 20	16 12.54	+ 1 40.5	1.914	2.805	12.1	20.6
6 30	16 7.22	+ 1 36.4	1.971	2.794	14.6	20.7

417482 2006 RQ_{55} 5 29.9 167°.79 0°.4/30.1 14 C

4 21	16 59.11	−23 11.8	2.009	2.811	14.6	22.6
5 1	16 54.08	−23 12.3	1.924	2.816	11.6	22.4
5 11	16 46.59	−23 8.1	1.860	2.819	7.9	22.2
5 21	16 37.26	−22 58.8	1.822	2.822	3.9	21.9
5 31	16 26.99	−22 44.8	1.811	2.825	0.5	21.6
6 10	16 16.90	−22 27.7	1.828	2.827	4.7	22.0
6 20	16 7.98	−22 10.1	1.873	2.828	8.6	22.2
6 30	16 1.04	−21 54.9	1.941	2.829	12.1	22.4

352574 2008 DT_{24} 5 29.9 146°.93 4°.5/27.9 18

4 21	16 52.51	− 7 28.1	2.682	3.478	11.5	21.2
5 1	16 48.09	− 6 54.7	2.604	3.485	9.3	21.0
5 11	16 42.08	− 6 25.6	2.549	3.492	6.9	20.9
5 21	16 34.94	− 6 3.1	2.521	3.499	5.0	20.7
5 31	16 27.27	− 5 49.4	2.520	3.505	4.6	20.7
6 10	16 19.75	− 5 46.0	2.547	3.511	6.1	20.8
6 20	16 12.98	− 5 53.4	2.601	3.517	8.4	21.0
6 30	16 7.49	− 6 11.3	2.679	3.522	10.6	21.1

520036 2013 VK_{28} 5 29.9 114°.52 0°.6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.72	−20 24.6	2.131	2.936	13.8	21.9
5 1	16 51.91	−20 23.1	2.055	2.949	10.8	21.7
5 11	16 44.94	−20 19.0	2.002	2.962	7.3	21.5
5 21	16 36.39	−20 12.7	1.974	2.975	3.5	21.3
5 31	16 27.11	−20 4.9	1.973	2.987	0.7	21.1
6 10	16 18.05	−19 56.9	2.001	2.998	4.4	21.4
6 20	16 10.08	−19 50.7	2.056	3.010	8.1	21.6
6 30	16 3.89	−19 48.0	2.136	3.021	11.3	21.8

316208 2010 MT_{81} 5 29.9 237°.57 1°.8/29.1 18

4 21	16 52.41	−16 2.2	2.805	3.605	11.0	21.6
5 1	16 48.15	−15 49.3	2.703	3.594	8.6	21.4
5 11	16 42.24	−15 36.1	2.625	3.583	6.0	21.2
5 21	16 35.08	−15 23.8	2.573	3.571	3.2	21.0
5 31	16 27.26	−15 13.5	2.550	3.559	1.9	20.9
6 10	16 19.46	−15 6.5	2.556	3.546	4.2	21.1
6 20	16 12.33	−15 4.0	2.590	3.534	7.1	21.2
6 30	16 6.45	−15 7.1	2.649	3.521	9.8	21.4

507110 2009 PD_{4} 5 29.9 305°.06 4°.4/28.4 17

4 21	16 52.51	−14 59.7	1.448	2.288	17.4	21.7
5 1	16 50.03	−14 14.0	1.348	2.261	14.0	21.4
5 11	16 44.55	−13 25.6	1.268	2.234	10.0	21.1
5 21	16 36.57	−12 37.8	1.209	2.207	6.0	20.8
5 31	16 27.06	−11 55.6	1.175	2.180	4.7	20.6
6 10	16 17.36	−11 23.7	1.165	2.154	8.2	20.8
6 20	16 8.82	−11 6.2	1.177	2.128	13.0	21.0
6 30	16 2.63	−11 5.6	1.210	2.103	17.5	21.1

465850 2010 PC_{61} 5 29.9 280°.15 0°.7/29.8 17

4 21	16 56.94	−21 32.6	1.571	2.395	17.0	21.7
5 1	16 53.46	−21 20.4	1.466	2.371	13.7	21.4
5 11	16 46.89	−21 3.0	1.381	2.346	9.5	21.1
5 21	16 37.71	−20 40.2	1.318	2.320	4.7	20.7
5 31	16 26.93	−20 13.3	1.281	2.295	0.9	20.4
6 10	16 15.92	−19 44.9	1.270	2.269	6.1	20.7
6 20	16 6.11	−19 18.9	1.283	2.242	11.3	20.9
6 30	15 58.70	−18 59.5	1.318	2.216	16.0	21.1

459646 2013 JM_{39} 5 29.9 10°.51 0°.2/30.0 17

4 21	16 51.43	−22 13.6	1.037	1.900	21.2	20.7
5 1	16 49.96	−22 17.9	0.976	1.901	16.8	20.4
5 11	16 44.78	−22 16.6	0.931	1.905	11.5	20.2
5 21	16 36.67	−22 9.7	0.905	1.909	5.6	19.8
5 31	16 27.07	−21 58.0	0.901	1.915	0.6	19.5
6 10	16 17.81	−21 44.6	0.919	1.922	6.8	19.9
6 20	16 10.50	−21 33.1	0.958	1.930	12.5	20.3
6 30	16 6.29	−21 27.6	1.016	1.940	17.4	20.6

191717 2004 RZ_{214} 5 29.9 183°.98 4°.1/31.9 18

4 21	16 59.40	−35 6.4	2.264	3.034	14.1	21.0
5 1	16 54.29	−35 11.8	2.172	3.035	11.6	20.8
5 11	16 46.72	−35 5.2	2.101	3.035	8.7	20.6
5 21	16 37.32	−34 44.3	2.054	3.034	5.8	20.4
5 31	16 27.01	−34 8.3	2.035	3.033	4.1	20.3
6 10	16 16.91	−33 19.1	2.043	3.032	5.3	20.4
6 20	16 8.02	−32 20.9	2.079	3.030	8.2	20.6
6 30	16 1.15	−31 18.8	2.140	3.027	11.2	20.8

493641 2015 PJ_{263} 5 29.9 333°.66 2°.6/31.0 16

4 21	16 52.84	−29 26.4	2.035	2.839	14.4	21.3
5 1	16 49.39	−29 33.3	1.943	2.832	11.6	21.1
5 11	16 43.53	−29 31.6	1.871	2.825	8.3	20.9
5 21	16 35.84	−29 19.8	1.824	2.818	4.8	20.7
5 31	16 27.17	−28 57.7	1.803	2.812	2.6	20.5
6 10	16 18.60	−28 27.0	1.809	2.806	4.8	20.6
6 20	16 11.12	−27 50.9	1.841	2.801	8.4	20.8
6 30	16 5.56	−27 13.7	1.896	2.796	11.8	21.0

152271 2005 SP_{213} 5 29.9 164°.51 0°.3/30.1 17

4 21	16 53.30	−23 32.8	2.767	3.562	11.2	21.8
5 1	16 48.85	−23 26.8	2.677	3.565	8.8	21.6
5 11	16 42.68	−23 16.7	2.610	3.568	6.0	21.4
5 21	16 35.27	−23 2.6	2.571	3.571	3.0	21.2
5 31	16 27.25	−22 45.2	2.559	3.573	0.4	21.0
6 10	16 19.36	−22 25.8	2.577	3.575	3.5	21.3
6 20	16 12.25	−22 6.3	2.623	3.577	6.6	21.5
6 30	16 6.50	−21 48.7	2.695	3.578	9.3	21.6

519687 2013 AZ_{185} 5 29.9 145°.64 1°.2/29.4 17

4 21	16 53.01	−19 18.2	2.369	3.177	12.5	22.0
5 1	16 48.86	−18 58.7	2.283	3.179	9.8	21.8
5 11	16 42.81	−18 36.7	2.221	3.182	6.7	21.6
5 21	16 35.37	−18 13.2	2.184	3.184	3.3	21.4
5 31	16 27.25	−17 49.7	2.175	3.187	1.4	21.3
6 10	16 19.29	−17 28.3	2.194	3.189	4.4	21.5
6 20	16 12.21	−17 10.8	2.240	3.191	7.7	21.7
6 30	16 6.65	−16 59.1	2.311	3.193	10.7	21.9

195338 2002 EW_{142} 5 29.9 19°.84 1°.9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.40	−26 0.6	1.620	2.440	16.8	20.4
5 1	16 51.87	−26 17.3	1.542	2.443	13.4	20.2
5 11	16 45.46	−26 27.4	1.485	2.446	9.4	19.9
5 21	16 36.84	−26 29.3	1.451	2.449	5.0	19.7
5 31	16 27.09	−26 22.4	1.441	2.453	1.9	19.5
6 10	16 17.53	−26 8.3	1.458	2.458	5.4	19.7
6 20	16 9.37	−25 50.1	1.499	2.462	9.7	20.0
6 30	16 3.57	−25 31.9	1.563	2.467	13.6	20.2

121337 1999 TW_{8} 5 29.9 305°.70 7°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.57	−38 33.0	1.863	2.636	16.6	19.4
5 1	16 55.42	−39 29.6	1.776	2.633	14.1	19.3
5 11	16 48.10	−40 13.5	1.709	2.630	11.2	19.1
5 21	16 38.22	−40 39.6	1.664	2.627	8.6	18.9
5 31	16 26.93	−40 43.6	1.644	2.624	7.2	18.8
6 10	16 15.69	−40 25.5	1.649	2.621	8.1	18.8
6 20	16 5.92	−39 48.6	1.678	2.618	10.6	19.0
6 30	15 58.73	−38 59.6	1.730	2.615	13.5	19.2

166763 2002 UC_{33} 5 29.9 87°.44 2°.9/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.83	−30 5.8	2.266	3.050	13.7	20.1
5 1	16 53.55	−30 31.1	2.198	3.074	11.0	19.9
5 11	16 46.04	−30 48.5	2.152	3.098	7.9	19.8
5 21	16 36.93	−30 56.2	2.131	3.121	4.7	19.6
5 31	16 27.10	−30 53.3	2.138	3.144	2.9	19.5
6 10	16 17.58	−30 41.1	2.173	3.166	4.6	19.7
6 20	16 9.24	−30 22.0	2.236	3.188	7.6	19.9
6 30	16 2.78	−29 59.6	2.323	3.210	10.4	20.1

156324 2001 XQ_{85} 5 29.9 101°.11 1°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.49	−19 3.0	1.874	2.689	15.1	20.3
5 1	16 51.97	−18 38.8	1.802	2.702	11.8	20.2
5 11	16 45.09	−18 11.9	1.752	2.715	8.0	20.0
5 21	16 36.50	−17 43.5	1.727	2.728	4.0	19.7
5 31	16 27.15	−17 15.9	1.729	2.740	1.8	19.6
6 10	16 18.10	−16 51.6	1.758	2.753	5.3	19.9
6 20	16 10.28	−16 33.0	1.813	2.765	9.1	20.1
6 30	16 4.42	−16 22.1	1.892	2.777	12.5	20.3

32836 1992 EC_{6} 5 29.9 83°.59 3°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.28	−28 22.2	1.427	2.241	19.0	19.0
5 1	16 57.56	−28 53.5	1.365	2.259	15.2	18.8
5 11	16 49.43	−29 15.8	1.321	2.277	10.8	18.6
5 21	16 38.75	−29 25.8	1.300	2.295	6.2	18.4
5 31	16 26.90	−29 21.7	1.303	2.312	3.3	18.2
6 10	16 15.50	−29 5.3	1.333	2.330	6.2	18.4
6 20	16 5.98	−28 40.8	1.386	2.347	10.5	18.7
6 30	15 59.34	−28 14.2	1.462	2.364	14.5	19.0

36572 2000 QR_{121} 5 29.9 191°.00 6°.6/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.12	− 6 35.0	2.066	2.873	14.1	18.2
5 1	16 49.89	− 5 21.9	1.987	2.872	11.6	18.0
5 11	16 43.61	− 4 12.6	1.930	2.871	8.9	17.8
5 21	16 35.80	− 3 11.8	1.898	2.869	7.0	17.7
5 31	16 27.25	− 2 24.3	1.892	2.867	6.8	17.7
6 10	16 18.85	− 1 53.5	1.912	2.865	8.6	17.8
6 20	16 11.42	− 1 40.8	1.958	2.863	11.2	17.9
6 30	16 5.65	− 1 46.2	2.025	2.860	13.9	18.1

93218 2000 SJ_{131} 5 29.9 162°.63 1°.0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.56	−27 9.0	2.141	2.937	14.1	19.8
5 1	16 52.70	−26 42.4	2.054	2.941	11.2	19.6
5 11	16 45.55	−26 6.9	1.989	2.945	7.7	19.4
5 21	16 36.74	−25 22.4	1.950	2.948	4.0	19.2
5 31	16 27.15	−24 30.4	1.938	2.951	1.0	18.9
6 10	16 17.81	−23 34.2	1.955	2.954	4.4	19.2
6 20	16 9.63	−22 38.0	2.000	2.956	8.1	19.4
6 30	16 3.34	−21 46.0	2.070	2.958	11.5	19.6

189215 2003 YF_{162} 5 29.9 146°.61 0°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.50	−19 31.1	4.593	5.383	7.2	20.6
5 1	16 43.67	−19 41.7	4.499	5.385	5.6	20.5
5 11	16 38.87	−19 51.6	4.430	5.387	3.8	20.3
5 21	16 33.38	−20 0.9	4.389	5.389	1.8	20.2
5 31	16 27.54	−20 9.8	4.377	5.391	0.4	20.0
6 10	16 21.73	−20 18.7	4.396	5.392	2.3	20.2
6 20	16 16.32	−20 27.9	4.444	5.394	4.2	20.4
6 30	16 11.63	−20 38.2	4.520	5.396	6.0	20.5

202524 2006 DJ_{4} 5 29.9 90°.29 3°.8/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.71	−13 9.6	1.428	2.253	18.4	21.0
5 1	16 55.86	−12 58.0	1.368	2.271	14.6	20.8
5 11	16 48.02	−12 50.3	1.328	2.289	10.2	20.6
5 21	16 38.01	−12 48.4	1.310	2.307	5.8	20.4
5 31	16 27.02	−12 54.0	1.318	2.324	4.0	20.3
6 10	16 16.46	−13 8.4	1.351	2.342	7.2	20.5
6 20	16 7.55	−13 31.9	1.409	2.358	11.4	20.8
6 30	16 1.16	−14 4.2	1.488	2.375	15.2	21.1

36004 1999 NB_{25} 5 29.9 10°.57 3°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.92	−27 44.6	1.040	1.896	21.6	17.9
5 1	16 50.61	−28 18.5	0.978	1.898	17.4	17.7
5 11	16 45.40	−28 42.3	0.933	1.901	12.4	17.4
5 21	16 37.06	−28 52.6	0.907	1.906	7.1	17.1
5 31	16 27.11	−28 47.5	0.902	1.912	3.7	16.9
6 10	16 17.49	−28 29.0	0.918	1.920	7.2	17.2
6 20	16 9.93	−28 2.3	0.956	1.929	12.4	17.5
6 30	16 5.67	−27 34.1	1.013	1.939	17.2	17.8

368911 2006 TL_{79} 5 29.9 195°.66 0°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.63	−24 26.3	1.846	2.656	15.5	21.0
5 1	16 53.18	−24 3.3	1.759	2.654	12.3	20.8
5 11	16 46.14	−23 32.7	1.692	2.653	8.4	20.5
5 21	16 37.12	−22 54.5	1.650	2.651	4.1	20.3
5 31	16 27.11	−22 10.5	1.634	2.648	0.5	20.0
6 10	16 17.29	−21 23.9	1.646	2.645	5.0	20.3
6 20	16 8.72	−20 39.0	1.685	2.642	9.3	20.6
6 30	16 2.27	−19 59.8	1.747	2.638	13.1	20.8

357915 2005 WH_{16} 5 29.9 250°.51 0°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.80	−23 15.3	2.626	3.425	11.7	21.5
5 1	16 48.66	−22 57.0	2.522	3.413	9.2	21.3
5 11	16 42.70	−22 33.8	2.442	3.401	6.3	21.1
5 21	16 35.36	−22 6.0	2.388	3.389	3.1	20.9
5 31	16 27.31	−21 34.8	2.363	3.376	0.4	20.6
6 10	16 19.32	−21 2.1	2.366	3.364	3.8	20.9
6 20	16 12.10	−20 30.3	2.397	3.351	7.1	21.0
6 30	16 6.28	−20 2.0	2.454	3.338	10.1	21.2

214466 2005 SY_{169} 5 29.9 323°.41 0°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.86	−22 53.7	2.001	2.818	14.1	19.7
5 1	16 48.52	−22 34.1	1.908	2.809	11.2	19.4
5 11	16 42.90	−22 8.7	1.836	2.800	7.7	19.2
5 21	16 35.56	−21 38.1	1.789	2.791	3.7	18.9
5 31	16 27.30	−21 3.9	1.769	2.782	0.5	18.7
6 10	16 19.13	−20 28.8	1.775	2.774	4.7	19.0
6 20	16 11.98	−19 55.9	1.808	2.766	8.6	19.2
6 30	16 6.62	−19 28.3	1.864	2.759	12.2	19.4

69621 1998 FA_{54} 5 29.9 16°.92 0°.3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.53	−23 53.3	1.138	1.990	20.4	18.3
5 1	16 50.51	−23 40.9	1.075	1.995	16.1	18.0
5 11	16 44.97	−23 19.8	1.029	2.000	11.1	17.8
5 21	16 36.73	−22 50.5	1.004	2.007	5.4	17.5
5 31	16 27.17	−22 14.9	1.001	2.015	0.6	17.1
6 10	16 18.00	−21 37.6	1.021	2.023	6.4	17.6
6 20	16 10.70	−21 3.6	1.063	2.033	11.8	17.9
6 30	16 6.32	−20 37.8	1.125	2.043	16.5	18.2

300014 2006 UG_{73} 5 29.9 170°.56 4°.4/31.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.43	−34 32.4	2.428	3.199	13.3	21.4
5 1	16 52.71	−35 7.3	2.338	3.200	10.9	21.3
5 11	16 45.67	−35 33.2	2.270	3.201	8.3	21.1
5 21	16 36.88	−35 47.1	2.226	3.202	5.7	20.9
5 31	16 27.15	−35 47.5	2.210	3.203	4.4	20.8
6 10	16 17.52	−35 34.7	2.221	3.204	5.5	20.9
6 20	16 8.91	−35 11.1	2.259	3.204	7.9	21.1
6 30	16 2.14	−34 40.6	2.321	3.204	10.6	21.2

70773 1999 VK_{37} 5 29.9 123°.20 0°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.73	−22 31.9	2.138	2.944	13.7	19.6
5 1	16 51.19	−22 13.2	2.059	2.954	10.8	19.4
5 11	16 44.49	−21 49.6	2.002	2.963	7.3	19.2
5 21	16 36.22	−21 21.6	1.970	2.971	3.5	19.0
5 31	16 27.24	−20 50.7	1.966	2.980	0.5	18.7
6 10	16 18.49	−20 19.4	1.991	2.988	4.4	19.1
6 20	16 10.82	−19 50.4	2.042	2.996	8.1	19.3
6 30	16 4.93	−19 26.4	2.117	3.004	11.3	19.5

392615 2011 TU_{13} 5 29.9 196°.45 1°.5/29.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.00	−19 16.1	2.424	3.231	12.3	22.0
5 1	16 48.82	−18 41.5	2.334	3.229	9.7	21.8
5 11	16 42.79	−18 3.6	2.267	3.228	6.6	21.6
5 21	16 35.39	−17 23.7	2.226	3.226	3.3	21.4
5 31	16 27.33	−16 44.1	2.214	3.224	1.7	21.3
6 10	16 19.41	−16 7.3	2.229	3.222	4.5	21.5
6 20	16 12.35	−15 35.7	2.272	3.220	7.8	21.7
6 30	16 6.78	−15 11.5	2.340	3.218	10.7	21.9

200952 2002 BR_{18} 5 29.9 184°.35 0°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.28	−22 44.0	1.773	2.582	16.0	20.7
5 1	16 55.42	−22 45.0	1.687	2.583	12.7	20.4
5 11	16 47.77	−22 41.4	1.622	2.583	8.8	20.2
5 21	16 37.97	−22 32.6	1.581	2.582	4.3	19.9
5 31	16 27.03	−22 18.8	1.567	2.581	0.5	19.6
6 10	16 16.24	−22 2.0	1.580	2.579	5.2	20.0
6 20	16 6.75	−21 45.0	1.619	2.576	9.6	20.2
6 30	15 59.52	−21 31.1	1.682	2.573	13.5	20.5

382790 2003 SC_{370} 5 29.9 171°.55 2°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.97	−28 56.4	2.097	2.892	14.3	21.9
5 1	16 52.49	−29 7.2	2.010	2.894	11.5	21.7
5 11	16 45.59	−29 10.2	1.944	2.895	8.2	21.5
5 21	16 36.85	−29 3.6	1.902	2.896	4.7	21.3
5 31	16 27.19	−28 47.1	1.887	2.896	2.4	21.2
6 10	16 17.66	−28 22.2	1.900	2.897	4.7	21.3
6 20	16 9.28	−27 51.8	1.940	2.897	8.3	21.5
6 30	16 2.85	−27 20.0	2.004	2.897	11.6	21.7

214615 2006 RP_{51} 5 29.9 192°.86 3°.4/31.3 18

4 21	16 56.97	−31 39.4	2.448	3.228	13.0	20.9
5 1	16 52.27	−32 10.3	2.356	3.227	10.5	20.8
5 11	16 45.35	−32 33.8	2.285	3.226	7.8	20.6
5 21	16 36.73	−32 47.6	2.240	3.224	5.0	20.4
5 31	16 27.20	−32 50.3	2.222	3.223	3.4	20.3
6 10	16 17.73	−32 42.1	2.232	3.221	4.9	20.4
6 20	16 9.23	−32 25.3	2.269	3.219	7.7	20.6
6 30	16 2.46	−32 3.2	2.331	3.217	10.5	20.7

18185 2000 QW_{49} 5 29.9 36°.79 0°.6/30.2 18

4 21	16 53.78	−23 47.3	1.986	2.799	14.4	17.9
5 1	16 49.95	−23 47.6	1.907	2.804	11.4	17.7
5 11	16 43.81	−23 42.9	1.849	2.810	7.8	17.5
5 21	16 35.97	−23 33.0	1.816	2.816	3.9	17.3
5 31	16 27.29	−23 18.5	1.809	2.823	0.7	17.1
6 10	16 18.80	−23 1.1	1.830	2.829	4.5	17.4
6 20	16 11.42	−22 43.4	1.876	2.836	8.3	17.6
6 30	16 5.92	−22 28.1	1.947	2.843	11.7	17.8

74196 1998 RU_{49} 5 29.9 313°.78 2°.8/29.2 18

4 21	16 52.43	−17 16.9	1.364	2.208	18.1	18.7
5 1	16 50.16	−16 55.2	1.271	2.187	14.5	18.4
5 11	16 44.76	−16 31.4	1.197	2.166	10.1	18.1
5 21	16 36.76	−16 7.7	1.145	2.146	5.4	17.8
5 31	16 27.18	−15 46.8	1.116	2.127	3.0	17.6
6 10	16 17.48	−15 32.2	1.111	2.108	7.2	17.8
6 20	16 9.07	−15 26.9	1.129	2.089	12.4	18.0
6 30	16 3.19	−15 33.3	1.167	2.072	17.1	18.2

107025 2000 YB_{118} 5 29.9 199°.53 3°.9/31.3 18

4 21	17 0.64	−31 41.3	1.789	2.583	16.5	20.0
5 1	16 55.99	−32 1.3	1.701	2.581	13.4	19.8
5 11	16 48.33	−32 10.7	1.632	2.579	9.9	19.6
5 21	16 38.31	−32 6.5	1.587	2.576	6.2	19.3
5 31	16 27.03	−31 46.9	1.568	2.572	3.9	19.2
6 10	16 15.88	−31 13.4	1.575	2.568	5.9	19.3
6 20	16 6.16	−30 30.3	1.608	2.564	9.7	19.5
6 30	15 58.90	−29 43.5	1.664	2.560	13.4	19.7

98424 2000 UO_{28} 5 29.9 140°.46 3°.3/31.2 18

4 21	17 0.08	−30 39.5	1.627	2.431	17.4	19.7
5 1	16 55.65	−30 47.7	1.548	2.435	14.1	19.5
5 11	16 48.10	−30 44.4	1.488	2.440	10.2	19.3
5 21	16 38.17	−30 27.1	1.451	2.444	6.0	19.0
5 31	16 27.06	−29 55.1	1.440	2.448	3.3	18.9
6 10	16 16.23	−29 11.1	1.455	2.452	5.8	19.0
6 20	16 7.01	−28 20.2	1.495	2.455	10.0	19.3
6 30	16 0.37	−27 28.7	1.558	2.459	13.9	19.5

65469 2002 XJ_{29} 5 29.9 306°.04 5°.2/28.3 17

4 21	16 52.89	− 7 29.4	2.100	2.910	13.8	19.4
5 1	16 49.02	− 7 3.7	2.015	2.905	11.2	19.2
5 11	16 43.09	− 6 43.8	1.952	2.900	8.4	19.0
5 21	16 35.62	− 6 32.5	1.913	2.895	6.0	18.9
5 31	16 27.35	− 6 32.3	1.900	2.890	5.4	18.8
6 10	16 19.15	− 6 44.7	1.914	2.885	7.2	18.9
6 20	16 11.86	− 7 9.9	1.953	2.881	10.0	19.1
6 30	16 6.18	− 7 47.1	2.016	2.876	12.9	19.3

470538 2008 DT_{48} 5 29.9 115°.22 4°.5/28.7 18

4 21	16 55.15	− 6 22.5	2.503	3.296	12.4	21.0
5 1	16 50.28	− 6 15.1	2.428	3.307	10.0	20.9
5 11	16 43.66	− 6 14.2	2.376	3.318	7.4	20.7
5 21	16 35.79	− 6 21.4	2.349	3.328	5.2	20.6
5 31	16 27.34	− 6 38.1	2.350	3.339	4.6	20.6
6 10	16 19.04	− 7 4.7	2.380	3.349	6.1	20.7
6 20	16 11.59	− 7 40.8	2.436	3.359	8.5	20.9
6 30	16 5.54	− 8 25.2	2.518	3.369	11.0	21.0

326053 2011 AW_{10} 5 29.9 160°.70 0°.8/29.6 18

4 21	16 51.04	−19 10.3	2.922	3.723	10.6	21.5
5 1	16 47.00	−19 3.6	2.832	3.725	8.3	21.3
5 11	16 41.42	−18 55.5	2.766	3.726	5.6	21.1
5 21	16 34.72	−18 46.5	2.726	3.727	2.8	20.9
5 31	16 27.46	−18 37.3	2.715	3.728	0.9	20.8
6 10	16 20.29	−18 29.2	2.733	3.729	3.6	21.0
6 20	16 13.80	−18 23.3	2.779	3.729	6.4	21.2
6 30	16 8.52	−18 21.0	2.850	3.730	9.0	21.3

335052 2004 RA_{110} 5 29.9 271°.42 10°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 12.78	−54 7.8	2.430	3.092	15.9	21.2
5 1	17 6.40	−54 58.0	2.307	3.058	14.5	21.1
5 11	16 56.03	−55 30.5	2.201	3.024	13.0	20.9
5 21	16 42.31	−55 37.2	2.115	2.989	11.7	20.7
5 31	16 26.58	−55 11.4	2.052	2.953	10.9	20.6
6 10	16 10.78	−54 10.7	2.014	2.916	11.0	20.5
6 20	15 56.80	−52 38.2	1.999	2.878	12.2	20.5
6 30	15 46.08	−50 42.2	2.009	2.839	14.1	20.6

276870 2004 RO_{190} 5 29.9 270°.20 5°.4/27.2 18

4 21	16 53.64	−12 3.0	1.893	2.712	14.8	20.6
5 1	16 49.93	−10 45.6	1.799	2.697	11.9	20.4
5 11	16 43.90	− 9 26.2	1.727	2.682	8.7	20.1
5 21	16 36.09	− 8 9.5	1.679	2.666	6.0	19.9
5 31	16 27.31	− 7 1.0	1.658	2.651	5.7	19.9
6 10	16 18.59	− 6 5.6	1.664	2.635	8.1	20.0
6 20	16 10.86	− 5 27.0	1.694	2.619	11.5	20.1
6 30	16 4.94	− 5 6.8	1.747	2.603	14.8	20.3

235304 2003 UA_{96} 5 29.9 258°.98 1°.9/30.6 18

4 21	16 56.69	−26 36.8	2.077	2.877	14.3	20.9
5 1	16 52.45	−26 55.4	1.977	2.866	11.5	20.7
5 11	16 45.72	−27 8.5	1.899	2.854	8.1	20.4
5 21	16 37.02	−27 14.4	1.845	2.842	4.4	20.2
5 31	16 27.21	−27 12.2	1.818	2.829	1.9	20.0
6 10	16 17.37	−27 2.6	1.819	2.817	4.8	20.2
6 20	16 8.55	−26 48.0	1.846	2.804	8.6	20.4
6 30	16 1.65	−26 31.6	1.898	2.791	12.1	20.5

153200 2000 WR_{81} 5 29.9 289°.58 1°.4/30.4 17

4 21	16 55.83	−24 51.1	1.776	2.591	15.8	19.8
5 1	16 52.24	−25 4.6	1.675	2.573	12.6	19.5
5 11	16 45.86	−25 13.1	1.595	2.555	8.9	19.3
5 21	16 37.20	−25 15.0	1.538	2.537	4.6	19.0
5 31	16 27.19	−25 9.8	1.507	2.520	1.4	18.7
6 10	16 17.08	−24 58.5	1.502	2.502	5.2	18.9
6 20	16 8.09	−24 43.6	1.523	2.484	9.7	19.1
6 30	16 1.28	−24 28.9	1.567	2.467	13.8	19.3

521029 2015 CJ_{70} 5 29.9 338°.52 6°.4/27.8 17

4 21	16 50.44	−10 9.7	1.454	2.295	17.3	20.4
5 1	16 48.06	− 9 13.7	1.375	2.285	14.0	20.2
5 11	16 42.96	− 8 20.6	1.316	2.276	10.4	19.9
5 21	16 35.73	− 7 35.5	1.278	2.267	7.3	19.7
5 31	16 27.37	− 7 3.7	1.264	2.259	6.6	19.7
6 10	16 19.10	− 6 49.5	1.274	2.252	9.2	19.8
6 20	16 12.08	− 6 54.4	1.306	2.246	13.0	20.0
6 30	16 7.26	− 7 18.2	1.358	2.240	16.7	20.2

239875 2000 KQ_{78} 5 29.9 320°.82 3°.8/28.5 17

4 21	16 47.91	−19 27.0	1.083	1.949	20.2	19.4
5 1	16 47.42	−18 26.1	0.990	1.919	16.2	19.1
5 11	16 43.40	−17 13.2	0.915	1.890	11.4	18.7
5 21	16 36.31	−15 51.7	0.859	1.862	6.2	18.3
5 31	16 27.28	−14 28.2	0.825	1.835	4.2	18.1
6 10	16 18.00	−13 11.6	0.812	1.809	9.1	18.2
6 20	16 10.21	−12 10.8	0.819	1.784	15.1	18.5
6 30	16 5.38	−11 32.2	0.843	1.761	20.7	18.7

434653 2005 YZ_{57} 5 30.0 246°.81 3°.6/31.6 18

4 21	16 59.31	−33 13.0	2.138	2.918	14.6	21.9
5 1	16 54.58	−33 16.4	2.031	2.902	12.0	21.7
5 11	16 47.21	−33 8.4	1.944	2.885	8.9	21.4
5 21	16 37.76	−32 46.4	1.882	2.868	5.7	21.2
5 31	16 27.15	−32 9.5	1.846	2.850	3.7	21.1
6 10	16 16.56	−31 19.3	1.839	2.831	5.4	21.1
6 20	16 7.11	−30 19.9	1.858	2.812	8.8	21.3
6 30	15 59.74	−29 17.0	1.902	2.792	12.2	21.5

316718 1997 XM_{3} 5 30.0 234°.72 2°.4/29.2 18

4 21	16 57.15	−15 30.4	2.216	3.019	13.4	20.8
5 1	16 52.43	−15 18.2	2.113	3.005	10.7	20.6
5 11	16 45.51	−15 6.4	2.033	2.991	7.4	20.4
5 21	16 36.87	−14 55.9	1.978	2.976	4.0	20.1
5 31	16 27.26	−14 48.4	1.951	2.960	2.5	20.0
6 10	16 17.61	−14 45.2	1.953	2.944	5.3	20.1
6 20	16 8.83	−14 47.9	1.982	2.927	8.9	20.3
6 30	16 1.71	−14 57.6	2.035	2.909	12.2	20.5

506282 2016 TP_{81} 5 30.0 288°.53 4°.3/31.6 17

4 21	16 55.82	−33 40.3	2.269	3.050	13.8	21.2
5 1	16 51.69	−34 11.2	2.173	3.043	11.4	21.0
5 11	16 45.15	−34 33.0	2.098	3.035	8.6	20.8
5 21	16 36.73	−34 43.1	2.047	3.027	5.8	20.6
5 31	16 27.28	−34 39.6	2.023	3.020	4.3	20.5
6 10	16 17.86	−34 23.0	2.025	3.012	5.5	20.6
6 20	16 9.48	−33 55.9	2.055	3.005	8.3	20.7
6 30	16 2.98	−33 22.4	2.108	2.997	11.2	20.9