2020	α_{2000}	δ_{2000}	Δ	r	β	V
35607 1998 HJ_{127}			5 23.9	37°.05	7°.5/19.7	18
	h m	° ′			°	m
4 21	16 26.04	− 6 12.3	1.610	2.484	14.3	18.5
5 1	16 21.22	− 4 35.1	1.556	2.489	11.1	18.3
5 11	16 14.38	− 3 4.0	1.525	2.494	8.4	18.2
5 21	16 6.34	− 1 46.1	1.519	2.499	7.5	18.1
5 31	15 58.13	− 0 47.7	1.538	2.504	9.0	18.2
6 10	15 50.80	− 0 12.6	1.580	2.509	11.8	18.4
6 20	15 45.14	− 0 1.4	1.645	2.515	14.8	18.6
6 30	15 41.72	− 0 12.3	1.727	2.521	17.5	18.8
395960 2013 AA_{165}			5 23.9	340°.36	3°.3/21.9	16
4 21	16 24.86	−13 17.0	2.193	3.061	11.2	21.4
5 1	16 20.01	−12 25.6	2.122	3.060	8.3	21.2
5 11	16 13.56	−11 34.1	2.076	3.059	5.3	21.0
5 21	16 6.15	−10 45.8	2.057	3.059	3.3	20.9
5 31	15 58.54	−10 4.0	2.065	3.058	4.7	21.0
6 10	15 51.55	− 9 32.0	2.101	3.057	7.7	21.2
6 20	15 45.84	− 9 11.6	2.161	3.057	10.7	21.4
6 30	15 41.89	− 9 3.6	2.243	3.056	13.4	21.6
143588 2003 FN_{45}			5 23.9	357°.84	1°.0/23.5	18
4 21	16 25.43	−19 11.8	1.839	2.712	12.8	19.5
5 1	16 20.79	−18 54.0	1.768	2.710	9.3	19.3
5 11	16 14.17	−18 32.4	1.720	2.709	5.4	19.1
5 21	16 6.31	−18 8.8	1.697	2.708	1.5	18.8
5 31	15 58.16	−17 45.7	1.702	2.708	3.4	18.9
6 10	15 50.75	−17 26.0	1.732	2.708	7.4	19.2
6 20	15 44.88	−17 12.5	1.787	2.708	11.2	19.4
6 30	15 41.15	−17 6.9	1.863	2.710	14.4	19.6
505466 2013 TU_{94}			5 23.9	172°.11	1°.8/24.7	17
4 21	16 31.78	−25 49.3	2.253	3.097	11.9	22.3
5 1	16 25.19	−26 4.7	2.176	3.100	8.9	22.1
5 11	16 16.66	−26 13.2	2.123	3.103	5.5	21.9
5 21	16 6.89	−26 13.9	2.098	3.105	2.3	21.7
5 31	15 56.82	−26 7.2	2.102	3.107	3.0	21.8
6 10	15 47.42	−25 55.2	2.133	3.108	6.3	22.0
6 20	15 39.52	−25 40.7	2.192	3.108	9.6	22.2
6 30	15 33.72	−25 27.1	2.273	3.108	12.5	22.4
69200 1300 $T\text{-}_2$			5 23.9	296°.01	2°.0/24.7	17
4 21	16 30.06	−25 29.3	1.447	2.318	15.8	20.3
5 1	16 25.09	−25 35.8	1.358	2.296	11.9	20.0
5 11	16 17.17	−25 32.4	1.290	2.275	7.4	19.7
5 21	16 7.10	−25 18.0	1.245	2.254	2.8	19.3
5 31	15 56.21	−24 53.4	1.226	2.233	4.0	19.4
6 10	15 46.08	−24 22.4	1.231	2.212	9.0	19.6
6 20	15 38.03	−23 50.4	1.259	2.191	13.9	19.8
6 30	15 33.06	−23 23.0	1.306	2.171	18.2	20.0
333859 1995 TB_{11}			5 23.9	332°.24	5°.7/26.9	17
4 21	16 29.01	−36 3.0	1.549	2.391	16.4	20.3
5 1	16 24.14	−36 1.3	1.470	2.383	13.1	20.1
5 11	16 16.44	−35 39.1	1.412	2.375	9.5	19.9
5 21	16 6.88	−34 54.0	1.376	2.368	6.4	19.7
5 31	15 56.87	−33 47.3	1.365	2.361	6.1	19.6
6 10	15 47.94	−32 25.0	1.379	2.355	8.9	19.8
6 20	15 41.25	−30 55.6	1.416	2.349	12.7	20.0
6 30	15 37.56	−29 27.9	1.475	2.344	16.3	20.2
280326 2003 SN_{34}			5 23.9	237°.41	2°.0/24.9	17
4 21	16 29.86	−26 33.4	2.026	2.878	12.7	21.0
5 1	16 24.05	−26 43.2	1.944	2.872	9.6	20.8
5 11	16 16.12	−26 44.7	1.885	2.866	6.0	20.5
5 21	16 6.79	−26 37.2	1.853	2.859	2.6	20.3
5 31	15 57.06	−26 21.3	1.847	2.853	3.3	20.3
6 10	15 48.02	−25 59.8	1.870	2.846	6.9	20.5
6 20	15 40.56	−25 36.0	1.917	2.840	10.5	20.7
6 30	15 35.37	−25 14.0	1.987	2.833	13.7	20.9
335170 2004 XQ_{174}			5 23.9	212°.56	3°.5/25.9	18
4 21	16 30.06	−32 28.4	1.955	2.793	13.6	21.0
5 1	16 24.24	−32 14.2	1.876	2.792	10.5	20.8
5 11	16 16.21	−31 45.1	1.819	2.790	7.1	20.6
5 21	16 6.80	−31 0.6	1.788	2.788	4.1	20.4
5 31	15 57.13	−30 2.7	1.785	2.786	4.1	20.4
6 10	15 48.34	−28 56.0	1.808	2.784	7.2	20.5
6 20	15 41.32	−27 46.4	1.857	2.782	10.6	20.7
6 30	15 36.72	−26 40.1	1.928	2.779	13.8	20.9
424648 2008 PH_{18}			5 23.9	257°.67	15°.5/ 8.3	18
4 21	16 28.86	+26 15.6	2.204	2.918	16.0	21.3
5 1	16 23.14	+27 58.8	2.153	2.900	15.6	21.2
5 11	16 15.51	+29 16.3	2.121	2.880	15.5	21.2
5 21	16 6.65	+30 1.4	2.106	2.860	15.8	21.2
5 31	15 57.44	+30 9.8	2.109	2.840	16.5	21.2
6 10	15 48.85	+29 41.2	2.129	2.819	17.5	21.2
6 20	15 41.68	+28 38.5	2.163	2.798	18.6	21.3
6 30	15 36.55	+27 6.6	2.209	2.776	19.6	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
38554 1999 VR_{78}			5 23.9	84°.47	0°.6/24.4	18
	h m	° ′			°	m
4 21	16 26.18	−24 9.6	2.353	3.208	11.0	18.4
5 1	16 20.95	−23 52.2	2.281	3.213	8.1	18.2
5 11	16 14.11	−23 28.2	2.234	3.218	4.8	18.0
5 21	16 6.30	−22 58.5	2.213	3.223	1.4	17.8
5 31	15 58.32	−22 25.0	2.221	3.228	2.5	17.8
6 10	15 50.98	−21 50.7	2.257	3.233	5.9	18.1
6 20	15 44.95	−21 18.5	2.319	3.238	9.0	18.3
6 30	15 40.73	−20 51.3	2.404	3.243	11.8	18.5
54563 Kinokonasu			5 24.0	65°.97	2°.4/25.5	18
4 21	16 28.60	−30 20.1	2.072	2.915	12.8	17.8
5 1	16 22.82	−29 54.5	2.013	2.934	9.6	17.6
5 11	16 15.19	−29 16.6	1.977	2.953	6.2	17.4
5 21	16 6.54	−28 27.2	1.968	2.972	3.0	17.2
5 31	15 57.85	−27 29.0	1.986	2.991	3.2	17.3
6 10	15 50.09	−26 26.7	2.032	3.010	6.4	17.5
6 20	15 43.97	−25 25.1	2.105	3.029	9.6	17.8
6 30	15 39.98	−24 28.8	2.200	3.048	12.4	18.0
11554 Asios			5 24.0	346°.96	3°.2/21.1	18
4 21	16 19.05	− 5 27.7	4.099	4.948	6.8	17.5
5 1	16 15.21	− 5 5.5	4.027	4.946	5.3	17.4
5 11	16 10.58	− 4 47.1	3.981	4.945	3.9	17.3
5 21	16 5.47	− 4 33.9	3.963	4.944	3.2	17.3
5 31	16 0.26	− 4 27.2	3.973	4.942	3.8	17.3
6 10	15 55.33	− 4 27.8	4.012	4.941	5.3	17.4
6 20	15 51.01	− 4 36.0	4.076	4.940	6.8	17.5
6 30	15 47.59	− 4 51.7	4.164	4.939	8.3	17.6
374944 2007 BV_{54}			5 24.0	96°.65	4°.5/22.2	17
4 21	16 29.60	−10 41.1	1.699	2.569	13.8	21.3
5 1	16 23.73	−10 4.1	1.644	2.581	10.3	21.1
5 11	16 15.82	− 9 30.9	1.612	2.593	6.7	20.9
5 21	16 6.71	− 9 4.8	1.606	2.605	4.5	20.8
5 31	15 57.45	− 8 49.2	1.626	2.617	6.0	20.9
6 10	15 49.11	− 8 46.1	1.672	2.628	9.3	21.1
6 20	15 42.49	− 8 56.3	1.741	2.640	12.7	21.4
6 30	15 38.16	− 9 19.1	1.831	2.651	15.7	21.6
141504 2002 ET_{66}			5 24.0	144°.26	1°.5/23.1	18
4 21	16 25.72	−16 43.1	2.737	3.594	9.6	20.5
5 1	16 20.35	−16 17.6	2.667	3.602	7.0	20.3
5 11	16 13.67	−15 50.7	2.624	3.609	4.1	20.2
5 21	16 6.20	−15 23.9	2.608	3.616	1.6	20.0
5 31	15 58.61	−14 59.3	2.622	3.623	2.9	20.1
6 10	15 51.55	−14 38.8	2.664	3.630	5.8	20.3
6 20	15 45.57	−14 24.1	2.733	3.636	8.5	20.5
6 30	15 41.09	−14 16.3	2.825	3.642	10.8	20.6
302023 2000 SD_{133}			5 24.0	187°.17	0°.1/23.9	17
4 21	16 26.34	−22 22.4	2.895	3.744	9.4	21.3
5 1	16 20.81	−21 51.6	2.813	3.743	6.8	21.1
5 11	16 13.94	−21 15.6	2.757	3.742	4.0	20.9
5 21	16 6.28	−20 35.6	2.729	3.740	0.9	20.7
5 31	15 58.46	−19 53.6	2.732	3.738	2.2	20.8
6 10	15 51.15	−19 12.4	2.764	3.736	5.2	21.0
6 20	15 44.91	−18 34.5	2.823	3.733	8.0	21.2
6 30	15 40.16	−18 2.2	2.906	3.730	10.4	21.3
219693 2001 XX_1			5 24.0	110°.02	10°.8/30.8	18
4 21	16 46.75	−53 48.9	2.283	2.988	15.8	20.8
5 1	16 37.10	−55 1.1	2.230	3.013	14.0	20.7
5 11	16 23.99	−55 48.8	2.196	3.038	12.4	20.7
5 21	16 8.68	−56 6.0	2.184	3.061	11.2	20.6
5 31	15 53.00	−55 50.4	2.196	3.084	10.8	20.6
6 10	15 38.84	−55 5.1	2.231	3.106	11.2	20.7
6 20	15 27.61	−53 57.3	2.289	3.127	12.3	20.8
6 30	15 20.06	−52 36.3	2.369	3.148	13.7	21.0
507829 2014 EC_3			5 24.0	353°.50	6°.1/20.9	18
4 21	16 24.94	− 5 31.6	1.942	2.808	12.5	20.5
5 1	16 20.24	− 4 40.8	1.878	2.806	9.8	20.3
5 11	16 13.79	− 3 56.8	1.837	2.805	7.3	20.2
5 21	16 6.27	− 3 23.8	1.821	2.804	6.1	20.1
5 31	15 58.51	− 3 5.3	1.831	2.803	7.3	20.2
6 10	15 51.42	− 3 3.4	1.866	2.802	9.8	20.3
6 20	15 45.71	− 3 18.2	1.924	2.802	12.7	20.5
6 30	15 41.93	− 3 48.5	2.002	2.802	15.2	20.7
214150 2005 BJ_{11}			5 24.0	106°.94	0°.7/23.8	17
4 21	16 32.81	−20 1.1	1.566	2.434	14.9	21.4
5 1	16 26.33	−19 50.0	1.509	2.448	10.9	21.2
5 11	16 17.44	−19 34.3	1.474	2.462	6.3	21.0
5 21	16 7.12	−19 15.0	1.465	2.476	1.5	20.7
5 31	15 56.61	−18 54.7	1.482	2.489	3.6	20.9
6 10	15 47.19	−18 36.6	1.526	2.502	8.2	21.2
6 20	15 39.82	−18 24.0	1.594	2.515	12.3	21.5
6 30	15 35.10	−18 19.4	1.682	2.527	15.8	21.7

469505 2003 FE_{128} 5 24.0 10°.58 0°.1/23.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 6.77	−17 31.0	35.405	36.259	0.8	22.0
5 1	16 5.98	−17 28.3	35.327	36.262	0.6	22.0
5 11	16 5.12	−17 25.6	35.277	36.264	0.3	21.9
5 21	16 4.21	−17 22.8	35.256	36.266	0.1	21.9
5 31	16 3.29	−17 20.2	35.264	36.268	0.2	21.9
6 10	16 2.39	−17 17.8	35.301	36.270	0.5	21.9
6 20	16 1.56	−17 15.7	35.366	36.272	0.7	22.0
6 30	16 0.81	−17 14.0	35.456	36.274	1.0	22.0

164270 2004 XR_{1} 5 24.0 258°.66 4°.2/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.19	−29 58.0	1.577	2.428	15.7	20.8
5 1	16 28.07	−30 26.3	1.488	2.412	12.2	20.5
5 11	16 18.92	−30 42.5	1.421	2.395	8.2	20.2
5 21	16 7.56	−30 43.5	1.377	2.379	4.7	20.0
5 31	15 55.39	−30 28.1	1.360	2.361	5.1	20.0
6 10	15 44.01	−29 59.2	1.368	2.344	9.0	20.1
6 20	15 34.78	−29 22.5	1.400	2.326	13.3	20.3
6 30	15 28.69	−28 44.8	1.452	2.308	17.3	20.5

284545 2007 RV_{270} 5 24.0 268°.57 2°.6/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.93	−28 48.6	1.991	2.839	13.0	21.2
5 1	16 23.38	−28 49.4	1.913	2.838	9.9	21.0
5 11	16 15.73	−28 39.5	1.860	2.837	6.4	20.8
5 21	16 6.74	−28 18.3	1.831	2.836	3.1	20.6
5 31	15 57.44	−27 47.3	1.830	2.835	3.5	20.6
6 10	15 48.91	−27 9.6	1.856	2.833	6.9	20.8
6 20	15 42.02	−26 29.7	1.908	2.832	10.4	21.0
6 30	15 37.41	−25 52.1	1.981	2.831	13.5	21.2

391717 2008 CV_{50} 5 24.0 56°.41 4°.9/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.20	−34 50.8	2.088	2.915	13.3	20.7
5 1	16 24.28	−35 21.1	2.024	2.927	10.5	20.5
5 11	16 16.22	−35 37.7	1.983	2.941	7.6	20.4
5 21	16 6.84	−35 38.7	1.967	2.954	5.4	20.3
5 31	15 57.22	−35 24.1	1.978	2.967	5.2	20.3
6 10	15 48.47	−34 56.6	2.015	2.981	7.3	20.4
6 20	15 41.46	−34 20.7	2.078	2.995	10.1	20.6
6 30	15 36.79	−33 41.7	2.162	3.008	12.7	20.8

242882 2006 HT_{153} 5 24.0 205°.73 1°.1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.70	−18 3.8	2.039	2.902	12.1	20.7
5 1	16 23.04	−17 58.7	1.963	2.901	8.9	20.5
5 11	16 15.47	−17 51.6	1.912	2.899	5.2	20.2
5 21	16 6.69	−17 43.5	1.887	2.898	1.5	20.0
5 31	15 57.59	−17 35.9	1.891	2.896	3.2	20.1
6 10	15 49.16	−17 30.9	1.921	2.894	7.1	20.3
6 20	15 42.20	−17 30.4	1.977	2.892	10.6	20.6
6 30	15 37.29	−17 36.1	2.055	2.890	13.7	20.8

335615 2006 FF_{18} 5 24.0 113°.42 2°.8/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.83	−14 51.6	1.979	2.846	12.3	20.9
5 1	16 22.27	−14 7.9	1.917	2.855	9.0	20.7
5 11	16 14.93	−13 23.5	1.879	2.864	5.5	20.5
5 21	16 6.54	−12 41.4	1.867	2.873	2.9	20.3
5 31	15 57.99	−12 4.9	1.884	2.881	4.5	20.5
6 10	15 50.22	−11 37.2	1.927	2.889	7.8	20.7
6 20	15 43.94	−11 20.2	1.995	2.897	11.1	20.9
6 30	15 39.67	−11 14.9	2.084	2.905	14.0	21.1

51647 2001 HY_{62} 5 24.0 328°.87 0°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.23	−20 49.6	1.311	2.195	16.2	18.9
5 1	16 23.74	−20 51.8	1.236	2.184	12.0	18.6
5 11	16 16.35	−20 48.9	1.183	2.173	7.1	18.3
5 21	16 6.95	−20 41.1	1.152	2.163	1.7	17.9
5 31	15 56.93	−20 30.3	1.146	2.154	3.9	18.0
6 10	15 47.81	−20 19.9	1.163	2.145	9.3	18.3
6 20	15 40.86	−20 13.5	1.202	2.137	14.3	18.6
6 30	15 36.97	−20 14.6	1.260	2.130	18.5	18.8

168852 2000 UV_{71} 5 24.0 153°.46 1°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.94	−24 33.1	1.707	2.565	14.4	20.6
5 1	16 26.45	−24 25.6	1.638	2.571	10.6	20.4
5 11	16 17.56	−24 9.2	1.592	2.577	6.4	20.2
5 21	16 7.18	−23 44.3	1.572	2.582	2.0	19.9
5 31	15 56.51	−23 12.9	1.579	2.587	3.3	20.0
6 10	15 46.81	−22 38.8	1.613	2.591	7.7	20.3
6 20	15 39.07	−22 6.6	1.672	2.594	11.7	20.5
6 30	15 33.93	−21 40.3	1.752	2.598	15.2	20.7

393647 2004 PC_{39} 5 24.0 301°.02 2°.8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.84	−14 33.8	2.136	3.003	11.5	21.1
5 1	16 21.07	−13 57.8	2.033	2.971	8.6	20.9
5 11	16 14.42	−13 20.1	1.954	2.939	5.3	20.6
5 21	16 6.47	−12 43.3	1.902	2.907	2.9	20.4
5 31	15 58.02	−12 10.7	1.877	2.875	4.5	20.5
6 10	15 49.98	−11 45.3	1.879	2.842	8.0	20.6
6 20	15 43.17	−11 29.9	1.906	2.810	11.5	20.8
6 30	15 38.27	−11 25.9	1.955	2.778	14.7	20.9

511332 2014 EC_{9} 5 24.0 266°.82 6°.3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.80	− 3 47.0	2.121	2.978	12.0	21.4
5 1	16 20.76	− 2 58.8	2.053	2.975	9.5	21.3
5 11	16 14.06	− 2 18.2	2.009	2.971	7.2	21.1
5 21	16 6.35	− 1 49.1	1.991	2.968	6.3	21.0
5 31	15 58.41	− 1 34.7	1.999	2.964	7.3	21.1
6 10	15 51.07	− 1 36.7	2.033	2.961	9.7	21.2
6 20	15 45.01	− 1 55.1	2.090	2.957	12.2	21.4
6 30	15 40.76	− 2 28.5	2.168	2.954	14.7	21.6

443485 2014 JH_{21} 5 24.0 345°.51 2°.5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.75	−30 55.1	2.171	3.013	12.3	20.4
5 1	16 21.60	−30 23.6	2.091	3.011	9.4	20.2
5 11	16 14.60	−29 39.0	2.034	3.009	6.1	20.0
5 21	16 6.47	−28 41.9	2.003	3.007	3.1	19.8
5 31	15 58.16	−27 34.9	2.001	3.005	3.2	19.8
6 10	15 50.59	−26 22.6	2.026	3.004	6.4	20.0
6 20	15 44.54	−25 10.3	2.077	3.002	9.7	20.2
6 30	15 40.54	−24 2.9	2.152	3.001	12.6	20.4

208586 2002 CL_{114} 5 24.0 116°.31 3°.6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.66	−28 26.2	1.549	2.402	15.9	20.0
5 1	16 28.78	−29 0.5	1.487	2.413	12.1	19.8
5 11	16 19.07	−29 23.6	1.446	2.423	7.8	19.6
5 21	16 7.55	−29 32.7	1.430	2.433	4.2	19.4
5 31	15 55.67	−29 27.7	1.441	2.443	4.6	19.4
6 10	15 44.92	−29 11.6	1.477	2.453	8.4	19.7
6 20	15 36.47	−28 49.4	1.538	2.462	12.4	19.9
6 30	15 31.05	−28 27.1	1.619	2.471	15.9	20.2

243653 1999 TD_{265} 5 24.0 262°.05 0°.4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.46	−22 18.8	2.551	3.405	10.3	20.1
5 1	16 21.16	−21 30.7	2.454	3.387	7.6	19.8
5 11	16 14.29	−20 35.3	2.382	3.368	4.4	19.6
5 21	16 6.42	−19 34.5	2.339	3.350	1.1	19.3
5 31	15 58.28	−18 31.4	2.325	3.331	2.6	19.4
6 10	15 50.64	−17 29.6	2.341	3.312	6.1	19.6
6 20	15 44.18	−16 33.0	2.383	3.293	9.3	19.8
6 30	15 39.39	−15 44.6	2.449	3.273	12.1	19.9

87032 2000 JE_{84} 5 24.0 107°.04 3°.1/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.41	−15 23.0	1.364	2.244	16.0	19.2
5 1	16 25.63	−14 52.0	1.304	2.249	11.8	19.0
5 11	16 17.20	−14 20.1	1.266	2.254	7.1	18.7
5 21	16 7.12	−13 50.6	1.251	2.259	3.3	18.5
5 31	15 56.73	−13 27.2	1.262	2.264	5.3	18.6
6 10	15 47.44	−13 13.8	1.297	2.268	9.9	18.9
6 20	15 40.30	−13 12.4	1.355	2.273	14.3	19.2
6 30	15 36.02	−13 24.0	1.432	2.277	18.0	19.4

359038 2008 WC_{110} 5 24.0 267°.54 0°.2/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.41	−20 24.1	1.455	2.326	15.7	21.6
5 1	16 27.54	−20 29.2	1.365	2.306	11.7	21.3
5 11	16 18.65	−20 30.0	1.297	2.285	7.0	21.0
5 21	16 7.55	−20 26.2	1.253	2.264	1.7	20.6
5 31	15 55.56	−20 19.0	1.234	2.242	3.9	20.7
6 10	15 44.26	−20 11.2	1.242	2.220	9.4	20.9
6 20	15 35.03	−20 6.4	1.272	2.197	14.4	21.1
6 30	15 28.87	−20 8.4	1.321	2.174	18.8	21.4

270364 2001 YY_{105} 5 24.0 285°.50 5°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.85	− 7 56.7	1.763	2.628	13.7	19.9
5 1	16 24.36	− 7 26.0	1.667	2.599	10.6	19.7
5 11	16 16.53	− 7 0.5	1.594	2.570	7.4	19.4
5 21	16 7.02	− 6 43.9	1.546	2.540	5.5	19.2
5 31	15 56.82	− 6 39.9	1.524	2.510	7.0	19.2
6 10	15 47.09	− 6 51.2	1.528	2.479	10.5	19.4
6 20	15 38.87	− 7 18.4	1.555	2.448	14.3	19.5
6 30	15 32.98	− 8 0.9	1.602	2.417	17.8	19.7

403638 2010 SH_{39} 5 24.0 198°.79 3°.3/22.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.28	−14 29.0	1.983	2.846	12.5	21.8
5 1	16 24.16	−13 30.0	1.907	2.843	9.2	21.6
5 11	16 16.11	−12 29.0	1.855	2.839	5.7	21.4
5 21	16 6.86	−11 29.5	1.831	2.834	3.3	21.2
5 31	15 57.34	−10 36.1	1.834	2.829	5.0	21.3
6 10	15 48.54	− 9 52.7	1.865	2.822	8.5	21.5
6 20	15 41.27	− 9 22.2	1.921	2.816	11.9	21.7
6 30	15 36.10	− 9 5.8	1.999	2.808	14.9	21.9

501357 2013 YC_{31} 5 24.0 218°.34 0°.9/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.01	−18 24.6	2.017	2.879	12.3	21.9
5 1	16 24.08	−18 23.1	1.937	2.874	9.0	21.6
5 11	16 16.13	−18 19.3	1.882	2.869	5.3	21.4
5 21	16 6.88	−18 14.1	1.852	2.863	1.4	21.1
5 31	15 57.26	−18 8.8	1.851	2.857	3.2	21.2
6 10	15 48.28	−18 5.4	1.878	2.851	7.2	21.5
6 20	15 40.80	−18 5.9	1.930	2.845	10.8	21.7
6 30	15 35.46	−18 12.2	2.004	2.838	14.0	21.9

117655 2005 EG_{182} 5 24.0 113°.82 0°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.37	−21 7.8	1.995	2.858	12.4	19.7
5 1	16 22.85	−21 3.2	1.922	2.859	9.1	19.5
5 11	16 15.39	−20 54.0	1.873	2.860	5.3	19.3
5 21	16 6.69	−20 40.9	1.850	2.861	1.2	19.0
5 31	15 57.71	−20 25.6	1.855	2.862	2.9	19.1
6 10	15 49.45	−20 10.5	1.887	2.863	6.9	19.4
6 20	15 42.70	−19 58.3	1.944	2.864	10.5	19.6
6 30	15 38.08	−19 51.4	2.023	2.865	13.6	19.8

224915 2007 DA_{22} 5 24.0 135°.13 2°.6/22.8 17

4 21	16 29.94	−15 5.4	1.963	2.827	12.5	21.6
5 1	16 23.84	−14 33.3	1.900	2.837	9.2	21.4
5 11	16 15.87	−14 0.5	1.862	2.847	5.5	21.2
5 21	16 6.79	−13 29.5	1.850	2.857	2.7	21.0
5 31	15 57.56	−13 3.3	1.867	2.866	4.3	21.1
6 10	15 49.13	−12 44.6	1.910	2.874	7.8	21.4
6 20	15 42.26	−12 35.2	1.979	2.883	11.2	21.6
6 30	15 37.48	−12 36.2	2.069	2.890	14.1	21.8

354730 2005 SA_{194} 5 24.0 70°.68 3°.3/25.5 18

4 21	16 28.90	−30 23.5	2.310	3.147	11.8	20.7
5 1	16 23.19	−30 47.5	2.233	3.149	9.1	20.5
5 11	16 15.57	−31 2.1	2.181	3.151	6.1	20.4
5 21	16 6.75	−31 6.0	2.154	3.153	3.6	20.2
5 31	15 57.61	−30 59.0	2.156	3.155	3.8	20.2
6 10	15 49.11	−30 43.4	2.185	3.157	6.4	20.4
6 20	15 42.07	−30 22.2	2.239	3.159	9.3	20.6
6 30	15 37.06	−29 59.4	2.317	3.161	12.0	20.8

290473 2005 TL_{186} 5 24.0 270°.96 0°.9/23.7 16

4 21	16 31.59	−19 51.4	1.290	2.171	16.6	21.4
5 1	16 26.15	−19 36.8	1.220	2.166	12.3	21.1
5 11	16 17.73	−19 16.6	1.171	2.161	7.2	20.8
5 21	16 7.30	−18 52.3	1.145	2.156	1.8	20.5
5 31	15 56.33	−18 26.8	1.144	2.151	4.3	20.6
6 10	15 46.41	−18 4.6	1.167	2.146	9.7	20.9
6 20	15 38.79	−17 49.8	1.212	2.141	14.7	21.2
6 30	15 34.32	−17 45.7	1.276	2.136	18.9	21.4

392659 2011 UP_{237} 5 24.0 136°.87 1°.9/24.9 17

4 21	16 28.61	−26 17.6	2.418	3.264	11.1	21.5
5 1	16 22.83	−26 36.5	2.342	3.267	8.3	21.3
5 11	16 15.31	−26 48.9	2.291	3.270	5.2	21.1
5 21	16 6.68	−26 54.0	2.266	3.272	2.3	20.9
5 31	15 57.78	−26 52.2	2.270	3.275	2.9	21.0
6 10	15 49.47	−26 45.0	2.303	3.278	5.9	21.2
6 20	15 42.48	−26 35.1	2.361	3.280	8.9	21.3
6 30	15 37.38	−26 25.3	2.443	3.282	11.6	21.5

438386 2006 UL_{12} 5 24.0 322°.47 3°.5/22.1 16

4 21	16 24.75	−14 24.1	1.835	2.711	12.7	20.8
5 1	16 20.34	−13 26.4	1.757	2.700	9.4	20.6
5 11	16 13.99	−12 26.7	1.703	2.689	5.9	20.4
5 21	16 6.40	−11 29.1	1.674	2.678	3.5	20.2
5 31	15 58.49	−10 38.1	1.672	2.668	5.2	20.3
6 10	15 51.23	− 9 58.0	1.696	2.658	8.8	20.5
6 20	15 45.46	− 9 31.6	1.743	2.648	12.4	20.7
6 30	15 41.76	− 9 20.2	1.811	2.639	15.5	20.8

345853 2007 PU_{11} 5 24.0 232°.67 2°.5/22.0 18 R

4 21	16 27.22	−12 34.4	3.321	4.168	8.3	22.5
5 1	16 21.36	−11 52.9	3.221	4.148	6.2	22.3
5 11	16 14.30	−11 11.0	3.149	4.128	4.0	22.1
5 21	16 6.45	−10 30.7	3.106	4.106	2.5	22.0
5 31	15 58.37	− 9 54.2	3.094	4.083	3.6	22.0
6 10	15 50.62	− 9 23.7	3.112	4.060	5.8	22.2
6 20	15 43.72	− 9 0.7	3.157	4.035	8.2	22.3
6 30	15 38.09	− 8 46.4	3.227	4.010	10.3	22.4

480671 2015 OB_{73} 5 24.0 318°.38 1°.4/24.7 16

4 21	16 26.01	−25 53.1	2.011	2.871	12.5	21.5
5 1	16 21.30	−25 42.7	1.925	2.857	9.3	21.3
5 11	16 14.59	−25 23.5	1.861	2.845	5.7	21.1
5 21	16 6.56	−24 55.7	1.823	2.832	2.1	20.8
5 31	15 58.14	−24 21.2	1.813	2.820	2.9	20.8
6 10	15 50.36	−23 43.2	1.829	2.808	6.8	21.1
6 20	15 44.07	−23 5.8	1.870	2.796	10.5	21.3
6 30	15 39.91	−22 32.7	1.933	2.785	13.7	21.4

135578 2002 GG_{72} 5 24.0 342°.91 2°.9/23.2 17

4 21	16 22.12	−16 27.7	0.953	1.864	18.4	18.8
5 1	16 19.91	−16 9.5	0.886	1.846	13.6	18.5
5 11	16 14.43	−15 49.5	0.836	1.831	8.2	18.1
5 21	16 6.61	−15 31.3	0.807	1.817	3.2	17.8
5 31	15 57.99	−15 19.4	0.798	1.805	5.9	17.9
6 10	15 50.39	−15 18.3	0.809	1.794	11.7	18.1
6 20	15 45.30	−15 30.8	0.839	1.786	17.3	18.4
6 30	15 43.73	−15 58.1	0.885	1.780	22.1	18.7

302233 2001 WS_{7} 5 24.0 200°.12 2°.7/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.72	−15 2.5	1.643	2.510	14.4	21.4
5 1	16 26.38	−14 44.7	1.569	2.508	10.6	21.1
5 11	16 17.62	−14 26.5	1.518	2.505	6.4	20.9
5 21	16 7.29	−14 10.3	1.493	2.501	2.8	20.7
5 31	15 56.53	−13 58.6	1.495	2.497	4.7	20.8
6 10	15 46.62	−13 54.0	1.523	2.492	9.0	21.0
6 20	15 38.56	−13 58.5	1.576	2.487	13.1	21.2
6 30	15 33.08	−14 13.3	1.648	2.481	16.6	21.4

115631 2003 UP_{123} 5 24.0 26°.22 0°.8/24.3 17

4 21	16 30.39	−22 37.9	1.311	2.190	16.5	19.8
5 1	16 25.17	−22 42.9	1.249	2.193	12.2	19.5
5 11	16 17.09	−22 40.5	1.208	2.197	7.3	19.3
5 21	16 7.17	−22 30.9	1.191	2.202	2.0	18.9
5 31	15 56.84	−22 15.7	1.198	2.207	3.8	19.1
6 10	15 47.65	−21 58.8	1.230	2.212	9.0	19.4
6 20	15 40.75	−21 44.4	1.284	2.218	13.6	19.7
6 30	15 36.91	−21 36.4	1.357	2.224	17.6	19.9

497796 2006 SY_{408} 5 24.0 276°.01 1°.5/24.6 17

4 21	16 31.67	−24 32.1	1.639	2.501	14.6	22.3
5 1	16 26.04	−24 40.8	1.546	2.480	11.0	22.0
5 11	16 17.68	−24 41.7	1.475	2.459	6.8	21.7
5 21	16 7.36	−24 33.6	1.428	2.438	2.4	21.4
5 31	15 56.28	−24 17.4	1.409	2.416	3.6	21.4
6 10	15 45.84	−23 55.8	1.415	2.394	8.4	21.6
6 20	15 37.29	−23 33.1	1.445	2.372	12.9	21.8
6 30	15 31.53	−23 14.3	1.496	2.349	16.9	22.0

93942 2000 WK_{172} 5 24.0 110°.96 8°.3/21.9 18

4 21	16 31.77	+ 2 31.7	1.854	2.692	14.3	18.5
5 1	16 25.26	+ 2 44.6	1.793	2.695	11.7	18.3
5 11	16 16.77	+ 2 41.7	1.755	2.699	9.4	18.2
5 21	16 7.06	+ 2 19.6	1.741	2.703	8.3	18.1
5 31	15 57.12	+ 1 36.8	1.754	2.706	9.1	18.2
6 10	15 47.98	+ 0 34.1	1.792	2.710	11.3	18.3
6 20	15 40.44	− 0 45.3	1.853	2.714	13.9	18.5
6 30	15 35.10	− 2 17.4	1.936	2.717	16.3	18.7

425235 2009 WZ_{5} 5 24.0 94°.17 0°.7/23.6 17

4 21	16 30.04	−22 1.6	1.887	2.748	13.1	21.3
5 1	16 23.91	−21 10.6	1.831	2.767	9.5	21.1
5 11	16 15.89	−20 12.4	1.799	2.786	5.5	20.9
5 21	16 6.83	−19 10.0	1.794	2.804	1.3	20.7
5 31	15 57.74	−18 7.5	1.817	2.823	3.2	20.9
6 10	15 49.61	−17 9.6	1.867	2.841	7.2	21.2
6 20	15 43.18	−16 20.3	1.943	2.858	10.8	21.4
6 30	15 38.94	−15 42.2	2.041	2.875	13.8	21.6

474467 2003 SJ_{174} 5 24.0 276°.41 3°.5/25.5 18

4 21	16 30.84	−30 15.1	1.986	2.828	13.3	21.4
5 1	16 25.12	−30 31.9	1.888	2.807	10.3	21.2
5 11	16 16.99	−30 37.9	1.812	2.785	6.9	20.9
5 21	16 7.18	−30 31.0	1.762	2.763	4.0	20.7
5 31	15 56.73	−30 11.2	1.739	2.740	4.2	20.7
6 10	15 46.86	−29 40.8	1.743	2.717	7.5	20.8
6 20	15 38.64	−29 4.2	1.772	2.695	11.2	21.0
6 30	15 32.86	−28 26.7	1.823	2.671	14.6	21.2

159419 1999 SQ_{6} 5 24.0 286°.34 3°.3/23.0 18

4 21	16 30.44	−11 48.6	1.821	2.686	13.3	19.3
5 1	16 24.73	−11 50.7	1.729	2.665	10.0	19.1
5 11	16 16.74	−11 56.8	1.660	2.643	6.3	18.8
5 21	16 7.12	−12 8.7	1.617	2.622	3.4	18.6
5 31	15 56.87	−12 27.9	1.601	2.600	4.9	18.6
6 10	15 47.14	−12 55.4	1.612	2.578	8.8	18.8
6 20	15 38.93	−13 31.6	1.647	2.556	12.7	19.0
6 30	15 33.04	−14 16.3	1.704	2.534	16.2	19.2

906 Repsolda 5 24.0 279°.01 2°.6/24.9 18

4 21	16 30.62	−26 55.5	2.054	2.902	12.7	14.0
5 1	16 24.75	−27 29.9	1.968	2.893	9.6	13.8
5 11	16 16.67	−27 57.4	1.907	2.885	6.2	13.6
5 21	16 7.09	−28 16.1	1.871	2.876	3.1	13.4
5 31	15 57.00	−28 25.4	1.864	2.867	3.6	13.4
6 10	15 47.51	−28 26.7	1.883	2.858	7.0	13.6
6 20	15 39.58	−28 22.7	1.928	2.850	10.5	13.8
6 30	15 33.93	−28 17.1	1.996	2.841	13.6	14.0

433996 2000 SA_{9} 5 24.0 190°.59 8°.5/17.1 17

4 21	16 28.37	− 0 25.4	2.117	2.962	12.5	21.0
5 1	16 22.60	+ 1 44.5	2.057	2.961	10.3	20.9
5 11	16 15.15	+ 3 46.8	2.022	2.960	8.8	20.8
5 21	16 6.69	+ 5 34.0	2.015	2.958	8.6	20.8
5 31	15 58.04	+ 6 59.8	2.035	2.956	9.9	20.8
6 10	15 50.05	+ 8 0.4	2.080	2.953	12.0	21.0
6 20	15 43.41	+ 8 35.1	2.146	2.950	14.2	21.1
6 30	15 38.63	+ 8 45.6	2.232	2.947	16.2	21.3

472955 2015 GN_{32} 5 24.0 281°.64 4°.3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.52	− 9 5.8	1.961	2.822	12.6	20.9
5 1	16 23.88	− 8 54.8	1.868	2.800	9.6	20.6
5 11	16 16.16	− 8 49.1	1.799	2.778	6.4	20.4
5 21	16 6.98	− 8 51.0	1.757	2.755	4.3	20.2
5 31	15 57.26	− 9 2.7	1.741	2.732	5.6	20.2
6 10	15 48.02	− 9 25.6	1.752	2.709	9.0	20.4
6 20	15 40.18	− 9 59.8	1.788	2.686	12.5	20.6
6 30	15 34.44	−10 44.8	1.845	2.662	15.7	20.7

192641 1999 RG_{23} 5 24.0 263°.15 2°.3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.37	−27 7.1	1.939	2.790	13.2	20.2
5 1	16 24.65	−27 19.9	1.851	2.779	10.0	20.0
5 11	16 16.65	−27 23.9	1.787	2.767	6.3	19.8
5 21	16 7.09	−27 18.1	1.748	2.755	2.9	19.5
5 31	15 57.04	−27 2.7	1.737	2.742	3.5	19.5
6 10	15 47.64	−26 40.4	1.753	2.730	7.2	19.7
6 20	15 39.89	−26 15.0	1.793	2.717	11.0	19.9
6 30	15 34.53	−25 50.9	1.856	2.705	14.4	20.1

75048 1999 UM_{46} 5 24.0 311°.54 2°.9/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.93	−28 38.8	1.352	2.222	16.7	18.7
5 1	16 24.38	−28 28.6	1.271	2.207	12.7	18.4
5 11	16 16.82	−28 2.7	1.210	2.193	8.2	18.1
5 21	16 7.17	−27 20.4	1.172	2.179	3.7	17.8
5 31	15 56.87	−26 24.0	1.159	2.166	4.3	17.8
6 10	15 47.55	−25 19.4	1.170	2.153	9.2	18.0
6 20	15 40.52	−24 14.5	1.203	2.141	14.0	18.3
6 30	15 36.65	−23 16.6	1.255	2.129	18.3	18.5

286615 2002 DC_{15} 5 24.0 211°.87 1°.6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.44	−17 23.1	2.472	3.326	10.6	21.7
5 1	16 23.34	−16 52.7	2.385	3.318	7.8	21.5
5 11	16 15.60	−16 19.6	2.323	3.308	4.6	21.3
5 21	16 6.81	−15 45.3	2.289	3.298	1.7	21.1
5 31	15 57.75	−15 12.4	2.285	3.287	3.2	21.2
6 10	15 49.21	−14 43.4	2.309	3.275	6.5	21.4
6 20	15 41.90	−14 20.8	2.361	3.262	9.7	21.6
6 30	15 36.34	−14 6.4	2.435	3.249	12.4	21.7

285516 2000 EU_{146} 5 24.0 128°.40 5°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.25	− 5 12.3	2.258	3.110	11.5	20.5
5 1	16 22.38	− 4 42.8	2.199	3.121	8.9	20.4
5 11	16 14.97	− 4 20.3	2.165	3.131	6.5	20.2
5 21	16 6.64	− 4 7.5	2.157	3.141	5.2	20.2
5 31	15 58.19	− 4 6.7	2.177	3.151	6.2	20.3
6 10	15 50.39	− 4 18.7	2.224	3.160	8.5	20.4
6 20	15 43.88	− 4 43.3	2.296	3.169	11.1	20.6
6 30	15 39.14	− 5 19.4	2.389	3.178	13.4	20.8

150635 2001 BM_{40} 5 24.0 206°.89 4°.1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.83	−35 59.0	2.763	3.573	10.9	20.7
5 1	16 22.96	−36 6.0	2.676	3.569	8.7	20.5
5 11	16 15.39	−36 0.9	2.613	3.565	6.3	20.3
5 21	16 6.76	−35 42.6	2.577	3.561	4.5	20.2
5 31	15 57.88	−35 11.5	2.568	3.556	4.3	20.2
6 10	15 49.59	−34 30.0	2.588	3.552	6.0	20.3
6 20	15 42.62	−33 41.7	2.634	3.547	8.4	20.4
6 30	15 37.48	−32 50.9	2.705	3.541	10.7	20.6

33303 1998 KW_{48} 5 24.0 18°.28 4°.6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.63	− 9 4.1	1.451	2.327	15.4	17.5
5 1	16 24.23	− 9 9.8	1.391	2.331	11.6	17.3
5 11	16 16.40	− 9 23.6	1.354	2.336	7.6	17.0
5 21	16 7.03	− 9 47.5	1.340	2.342	4.7	16.9
5 31	15 57.33	−10 22.7	1.352	2.348	6.1	17.0
6 10	15 48.57	−11 8.9	1.388	2.355	9.9	17.2
6 20	15 41.74	−12 4.9	1.448	2.362	13.8	17.5
6 30	15 37.54	−13 8.9	1.527	2.370	17.2	17.7

371108 2005 VH_{61} 5 24.0 149°.92 1°.7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.92	−17 4.3	2.143	3.002	11.8	21.7
5 1	16 23.75	−16 36.7	2.075	3.011	8.6	21.5
5 11	16 15.83	−16 7.0	2.033	3.019	5.1	21.3
5 21	16 6.86	−15 37.0	2.018	3.027	1.9	21.1
5 31	15 57.73	−15 9.4	2.031	3.034	3.5	21.2
6 10	15 49.32	−14 46.7	2.073	3.040	7.0	21.4
6 20	15 42.35	−14 31.3	2.140	3.046	10.3	21.6
6 30	15 37.36	−14 24.6	2.229	3.051	13.2	21.8

192847 1999 VK_{156} 5 24.0 107°.13 0°.6/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.04	−21 53.3	2.066	2.925	12.2	19.8
5 1	16 23.11	−21 4.4	2.004	2.939	8.9	19.7
5 11	16 15.43	−20 8.8	1.967	2.954	5.1	19.4
5 21	16 6.76	−19 9.1	1.957	2.968	1.2	19.2
5 31	15 58.03	−18 9.0	1.976	2.982	3.0	19.4
6 10	15 50.13	−17 12.8	2.023	2.995	6.8	19.6
6 20	15 43.77	−16 24.2	2.095	3.008	10.2	19.9
6 30	15 39.43	−15 45.9	2.190	3.021	13.1	20.1

48549 1993 TP_{25} 5 24.0 263°.18 1°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.68	−24 12.9	2.037	2.893	12.5	19.6
5 1	16 24.00	−24 26.7	1.952	2.883	9.3	19.4
5 11	16 16.21	−24 34.4	1.890	2.874	5.7	19.1
5 21	16 7.00	−24 35.5	1.855	2.864	2.0	18.9
5 31	15 57.35	−24 30.4	1.847	2.854	3.0	18.9
6 10	15 48.32	−24 21.3	1.867	2.844	6.9	19.1
6 20	15 40.80	−24 10.8	1.912	2.834	10.5	19.3
6 30	15 35.48	−24 2.3	1.980	2.824	13.7	19.5

86328 1999 XX_{3} 5 24.0 260°.79 2°.0/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.32	−14 48.5	2.547	3.406	10.2	20.0
5 1	16 21.09	−14 35.6	2.457	3.392	7.5	19.8
5 11	16 14.31	−14 22.8	2.392	3.377	4.5	19.6
5 21	16 6.53	−14 11.4	2.355	3.362	2.1	19.4
5 31	15 58.44	−14 3.0	2.347	3.347	3.4	19.5
6 10	15 50.79	−13 59.5	2.367	3.332	6.4	19.7
6 20	15 44.22	−14 2.0	2.413	3.317	9.4	19.8
6 30	15 39.26	−14 11.5	2.482	3.301	12.1	20.0

509075 2005 UC_{15} 5 24.0 198°.63 2°.5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.66	−29 22.8	2.991	3.818	9.7	22.0
5 1	16 23.43	−29 49.4	2.904	3.815	7.4	21.9
5 11	16 15.65	−30 9.1	2.842	3.811	4.9	21.7
5 21	16 6.85	−30 20.7	2.808	3.807	2.8	21.5
5 31	15 57.74	−30 24.1	2.803	3.802	3.0	21.5
6 10	15 49.07	−30 20.3	2.828	3.797	5.3	21.7
6 20	15 41.51	−30 11.5	2.880	3.792	7.8	21.8
6 30	15 35.56	−30 0.5	2.957	3.786	10.1	22.0

93338 2000 SJ_{237} 5 24.0 279°.90 0°.4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.99	−22 8.5	1.803	2.666	13.5	20.3
5 1	16 24.53	−22 7.8	1.709	2.645	10.0	20.0
5 11	16 16.68	−22 1.3	1.638	2.624	6.0	19.7
5 21	16 7.15	−21 49.0	1.592	2.603	1.5	19.4
5 31	15 56.99	−21 32.3	1.574	2.582	3.2	19.5
6 10	15 47.43	−21 14.0	1.582	2.560	7.8	19.7
6 20	15 39.50	−20 57.6	1.615	2.538	12.0	19.9
6 30	15 34.03	−20 46.5	1.669	2.517	15.8	20.1

150617 2000 YM_{53} 5 24.0 199°.83 0°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.22	−19 49.3	2.974	3.825	9.1	21.1
5 1	16 20.78	−19 36.7	2.890	3.822	6.6	20.9
5 11	16 14.02	−19 21.2	2.832	3.817	3.9	20.7
5 21	16 6.45	−19 3.6	2.802	3.813	1.0	20.5
5 31	15 58.68	−18 45.3	2.802	3.808	2.3	20.6
6 10	15 51.35	−18 28.0	2.831	3.802	5.2	20.8
6 20	15 45.00	−18 13.6	2.887	3.796	7.9	21.0
6 30	15 40.09	−18 3.7	2.968	3.790	10.2	21.1

80013 1999 GM_{15} 5 24.0 111°.58 1°.8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.48	−26 10.1	2.222	3.070	11.9	19.9
5 1	16 23.58	−26 24.5	2.152	3.078	8.9	19.7
5 11	16 15.81	−26 31.7	2.105	3.085	5.5	19.5
5 21	16 6.89	−26 31.0	2.085	3.091	2.4	19.3
5 31	15 57.72	−26 23.1	2.093	3.098	3.0	19.4
6 10	15 49.23	−26 10.2	2.129	3.105	6.2	19.6
6 20	15 42.21	−25 55.1	2.191	3.111	9.5	19.8
6 30	15 37.23	−25 40.9	2.276	3.118	12.3	20.0

430161 2013 TV_{74} 5 24.0 211°.22 0°.4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.41	−22 32.9	1.909	2.768	13.0	22.2
5 1	16 24.52	−22 27.5	1.830	2.765	9.6	22.0
5 11	16 16.49	−22 15.9	1.776	2.761	5.7	21.7
5 21	16 7.07	−21 58.6	1.747	2.757	1.5	21.4
5 31	15 57.29	−21 37.2	1.746	2.753	3.0	21.5
6 10	15 48.23	−21 14.7	1.772	2.749	7.2	21.8
6 20	15 40.82	−20 54.3	1.823	2.744	11.0	22.0
6 30	15 35.70	−20 39.3	1.896	2.739	14.3	22.2

51884 2001 QS_{10} 5 24.0 169°.64 1°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.55	−17 56.9	2.357	3.216	10.9	19.2
5 1	16 21.99	−17 40.6	2.283	3.219	7.9	19.0
5 11	16 14.82	−17 22.1	2.234	3.220	4.6	18.8
5 21	16 6.65	−17 2.8	2.212	3.222	1.5	18.6
5 31	15 58.27	−16 44.4	2.219	3.223	3.0	18.7
6 10	15 50.48	−16 29.1	2.254	3.224	6.3	18.9
6 20	15 43.96	−16 18.9	2.315	3.225	9.5	19.1
6 30	15 39.21	−16 15.4	2.399	3.226	12.2	19.3

209432 2004 FC_{63} 5 24.0 23°.98 1°.1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.01	−18 37.8	1.917	2.786	12.6	20.3
5 1	16 21.91	−18 25.6	1.848	2.789	9.2	20.1
5 11	16 14.89	−18 10.5	1.804	2.792	5.3	19.8
5 21	16 6.68	−17 54.1	1.785	2.795	1.5	19.6
5 31	15 58.21	−17 38.3	1.793	2.799	3.3	19.7
6 10	15 50.47	−17 25.7	1.828	2.803	7.2	20.0
6 20	15 44.26	−17 18.5	1.888	2.807	10.8	20.2
6 30	15 40.14	−17 18.4	1.969	2.811	13.9	20.4

472250 2014 MD_{41} 5 24.0 64°.60 12°.9/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.49	+19 36.4	2.233	2.994	14.6	20.4
5 1	16 21.12	+20 46.7	2.205	3.007	13.6	20.4
5 11	16 14.22	+21 33.1	2.196	3.021	13.0	20.4
5 21	16 6.49	+21 51.4	2.208	3.035	12.9	20.4
5 31	15 58.71	+21 39.5	2.240	3.048	13.4	20.4
6 10	15 51.67	+20 58.3	2.291	3.062	14.3	20.5
6 20	15 45.98	+19 51.4	2.361	3.076	15.4	20.7
6 30	15 42.07	+18 23.5	2.447	3.090	16.5	20.8

496825 1995 SY_{25} 5 24.0 236°.18 1°.1/24.5 17

4 21	16 32.29	−24 23.1	1.917	2.771	13.2	23.0
5 1	16 26.05	−24 18.7	1.827	2.757	9.9	22.8
5 11	16 17.48	−24 6.3	1.760	2.743	6.0	22.5
5 21	16 7.33	−23 45.9	1.719	2.729	1.9	22.2
5 31	15 56.67	−23 18.7	1.706	2.713	3.1	22.2
6 10	15 46.67	−22 48.0	1.721	2.697	7.4	22.5
6 20	15 38.34	−22 17.7	1.761	2.681	11.4	22.7
6 30	15 32.43	−21 52.1	1.823	2.663	14.9	22.9

404669 2014 HK_{149} 5 24.0 50°.63 0°.8/23.6 17

4 21	16 25.83	−20 8.0	2.171	3.035	11.5	21.2
5 1	16 20.82	−19 39.7	2.104	3.042	8.3	21.0
5 11	16 14.15	−19 7.0	2.061	3.049	4.8	20.8
5 21	16 6.49	−18 31.8	2.045	3.055	1.3	20.6
5 31	15 58.67	−17 56.6	2.057	3.063	2.9	20.7
6 10	15 51.52	−17 24.6	2.096	3.070	6.5	20.9
6 20	15 45.74	−16 58.4	2.161	3.077	9.8	21.2
6 30	15 41.81	−16 40.0	2.248	3.084	12.6	21.4

16684 1994 JQ_1 5 24.1 330°.99 0°.1/24.5 01 C

4 21	16 6.73	−23 16.5	41.383	42.228	0.7	23.2
5 1	16 6.00	−23 14.9	41.300	42.228	0.5	23.2
5 11	16 5.20	−23 13.1	41.244	42.227	0.3	23.2
5 21	16 4.36	−23 11.0	41.217	42.226	0.1	23.1
5 31	16 3.51	−23 8.9	41.218	42.225	0.2	23.2
6 10	16 2.69	−23 6.6	41.249	42.225	0.4	23.2
6 20	16 1.91	−23 4.4	41.308	42.224	0.6	23.2
6 30	16 1.22	−23 2.3	41.392	42.223	0.8	23.2

505591 2014 CL_5 5 24.1 176°.57 0°.6/24.3 17

4 21	16 29.44	−23 14.1	2.436	3.285	10.9	22.7
5 1	16 23.38	−23 10.0	2.358	3.287	8.0	22.5
5 11	16 15.65	−23 0.3	2.305	3.289	4.8	22.3
5 21	16 6.87	−22 45.5	2.280	3.290	1.3	22.1
5 31	15 57.85	−22 26.7	2.283	3.290	2.5	22.1
6 10	15 49.43	−22 6.4	2.316	3.290	5.9	22.4
6 20	15 42.32	−21 47.0	2.374	3.290	9.0	22.6
6 30	15 37.05	−21 31.1	2.457	3.289	11.8	22.8

508741 2017 UB_{32} 5 24.1 172°.37 1°.2/23.4 17

4 21	16 29.08	−18 36.2	2.247	3.105	11.4	22.1
5 1	16 23.16	−18 8.7	2.173	3.108	8.3	21.9
5 11	16 15.52	−17 37.8	2.124	3.111	4.8	21.7
5 21	16 6.84	−17 5.3	2.103	3.113	1.5	21.5
5 31	15 57.95	−16 33.5	2.110	3.114	3.1	21.6
6 10	15 49.72	−16 5.4	2.145	3.115	6.7	21.8
6 20	15 42.86	−15 43.5	2.207	3.115	10.0	22.0
6 30	15 37.89	−15 29.6	2.291	3.115	12.8	22.2

483514 2003 FF_{115} 5 24.1 19°.43 4°.0/23.6 18

4 21	16 45.03	−17 31.9	0.880	1.764	22.1	19.1
5 1	16 37.77	−20 31.0	0.822	1.768	16.6	18.8
5 11	16 25.55	−23 44.9	0.784	1.772	10.2	18.5
5 21	16 9.46	−26 58.2	0.770	1.778	4.5	18.2
5 31	15 51.79	−29 52.8	0.780	1.784	6.8	18.3
6 10	15 35.49	−32 16.9	0.814	1.792	13.1	18.7
6 20	15 22.99	−34 9.5	0.869	1.800	18.8	19.0
6 30	15 15.72	−35 37.3	0.941	1.809	23.4	19.4

508737 2017 UD_{30} 5 24.1 246°.66 0°.5/24.3 17

4 21	16 31.88	−22 38.0	1.892	2.750	13.2	22.7
5 1	16 25.79	−22 37.4	1.801	2.734	9.8	22.4
5 11	16 17.37	−22 30.6	1.733	2.718	5.9	22.1
5 21	16 7.34	−22 17.7	1.691	2.702	1.6	21.8
5 31	15 56.75	−21 59.7	1.677	2.685	3.1	21.9
6 10	15 46.78	−21 39.6	1.691	2.667	7.5	22.1
6 20	15 38.46	−21 20.7	1.729	2.649	11.6	22.3
6 30	15 32.53	−21 6.6	1.789	2.630	15.1	22.5

363397 2003 HR_{50} 5 24.1 350°.12 5°.8/20.4 18

4 21	16 21.86	−11 23.2	1.563	2.450	13.9	19.2
5 1	16 18.46	− 9 46.3	1.495	2.440	10.5	19.0
5 11	16 13.01	− 8 8.7	1.450	2.432	7.3	18.8
5 21	16 6.27	− 6 37.4	1.430	2.424	5.8	18.7
5 31	15 59.24	− 5 19.9	1.435	2.418	7.6	18.7
6 10	15 52.96	− 4 21.8	1.464	2.413	11.0	18.9
6 20	15 48.29	− 3 46.0	1.514	2.409	14.5	19.1
6 30	15 45.83	− 3 32.8	1.583	2.406	17.6	19.3

331629 2002 GD_{28} 5 24.1 43°.42 3°.3/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.58	−30 10.1	2.059	2.903	12.8	20.9
5 1	16 23.10	−30 27.9	1.992	2.912	9.8	20.8
5 11	16 15.61	−30 35.1	1.949	2.921	6.5	20.6
5 21	16 6.88	−30 30.7	1.931	2.931	3.7	20.4
5 31	15 57.90	−30 15.3	1.940	2.941	3.9	20.4
6 10	15 49.71	−29 51.4	1.977	2.951	6.7	20.6
6 20	15 43.14	−29 23.1	2.038	2.962	9.9	20.8
6 30	15 38.76	−28 54.4	2.122	2.972	12.7	21.1

171492 1996 VK_1 5 24.1 196°.48 0°.1/24.0 17

4 21	16 32.36	−21 59.5	2.012	2.866	12.7	21.6
5 1	16 25.83	−21 38.8	1.931	2.863	9.3	21.3
5 11	16 17.22	−21 11.5	1.874	2.860	5.5	21.1
5 21	16 7.28	−20 38.8	1.845	2.855	1.3	20.8
5 31	15 57.01	−20 2.8	1.843	2.850	3.0	20.9
6 10	15 47.48	−19 27.2	1.870	2.844	7.1	21.2
6 20	15 39.55	−18 55.5	1.923	2.837	10.9	21.4
6 30	15 33.87	−18 31.0	1.998	2.830	14.1	21.6

162817 2001 BX_{28} 5 24.1 142°.54 0°.7/24.4 18

4 21	16 33.26	−24 8.0	1.877	2.731	13.5	20.4
5 1	16 26.48	−23 52.5	1.811	2.742	9.9	20.2
5 11	16 17.55	−23 28.8	1.769	2.753	5.9	20.0
5 21	16 7.34	−22 57.6	1.753	2.763	1.7	19.7
5 31	15 56.94	−22 21.3	1.766	2.773	3.0	19.9
6 10	15 47.47	−21 43.6	1.806	2.782	7.1	20.1
6 20	15 39.82	−21 8.8	1.871	2.790	10.9	20.4
6 30	15 34.55	−20 40.3	1.959	2.797	14.1	20.6

506184 2016 GV_{63} 5 24.1 319°.54 0°.8/24.3 17

4 21	16 27.81	−23 18.5	1.276	2.159	16.6	21.5
5 1	16 23.67	−23 13.5	1.195	2.142	12.4	21.2
5 11	16 16.51	−22 59.2	1.135	2.125	7.5	20.9
5 21	16 7.19	−22 35.9	1.098	2.109	2.1	20.5
5 31	15 57.12	−22 5.9	1.085	2.093	3.9	20.5
6 10	15 47.93	−21 33.8	1.095	2.078	9.5	20.8
6 20	15 40.97	−21 5.1	1.126	2.064	14.7	21.1
6 30	15 37.19	−20 44.8	1.176	2.051	19.2	21.3

41600 2000 SJ_{76} 5 24.1 160°.51 1°.4/23.5 18

4 21	16 32.77	−17 49.4	1.706	2.571	14.0	19.5
5 1	16 26.32	−17 37.0	1.638	2.576	10.3	19.3
5 11	16 17.57	−17 22.2	1.593	2.580	6.0	19.0
5 21	16 7.37	−17 6.2	1.574	2.584	1.9	18.8
5 31	15 56.86	−16 51.3	1.583	2.587	3.8	18.9
6 10	15 47.25	−16 40.2	1.618	2.590	8.2	19.2
6 20	15 39.48	−16 35.6	1.677	2.593	12.2	19.4
6 30	15 34.21	−16 39.1	1.758	2.595	15.6	19.6

37733 1996 UD_1 5 24.1 292°.43 3°.8/25.2 18

4 21	16 31.89	−28 28.6	1.419	2.282	16.4	18.3
5 1	16 26.71	−28 56.1	1.331	2.263	12.7	18.0
5 11	16 18.35	−29 12.4	1.264	2.243	8.4	17.7
5 21	16 7.65	−29 14.4	1.220	2.224	4.4	17.5
5 31	15 56.04	−29 1.1	1.201	2.205	5.0	17.4
6 10	15 45.21	−28 35.5	1.206	2.186	9.4	17.6
6 20	15 36.62	−28 3.3	1.234	2.167	14.1	17.8
6 30	15 31.31	−27 31.4	1.281	2.148	18.4	18.0

379391 2009 YR_9 5 24.1 85°.89 0°.5/23.8 17

4 21	16 29.11	−21 13.5	1.830	2.696	13.2	20.9
5 1	16 23.43	−20 43.9	1.770	2.708	9.6	20.7
5 11	16 15.76	−20 8.4	1.733	2.720	5.6	20.5
5 21	16 6.92	−19 28.9	1.722	2.733	1.3	20.2
5 31	15 57.93	−18 48.5	1.738	2.745	3.2	20.4
6 10	15 49.84	−18 11.2	1.781	2.757	7.3	20.7
6 20	15 43.43	−17 40.3	1.849	2.769	11.0	20.9
6 30	15 39.26	−17 18.3	1.939	2.781	14.1	21.2

351856 2006 RS_{41} 5 24.1 163°.63 2°.6/22.3 18

4 21	16 25.93	−12 37.6	2.902	3.756	9.2	22.7
5 1	16 20.50	−12 0.8	2.831	3.762	6.8	22.5
5 11	16 13.84	−11 24.7	2.786	3.767	4.3	22.4
5 21	16 6.45	−10 51.4	2.770	3.771	2.7	22.3
5 31	15 58.94	−10 23.0	2.784	3.776	3.7	22.4
6 10	15 51.91	−10 1.5	2.826	3.779	6.1	22.5
6 20	15 45.88	− 9 48.1	2.895	3.782	8.6	22.7
6 30	15 41.26	− 9 43.6	2.987	3.785	10.7	22.8

497340 2005 UH_{80} 5 24.1 197°.85 1°.8/23.0 17

4 21	16 29.68	−16 33.0	2.503	3.357	10.5	23.1
5 1	16 23.49	−16 1.6	2.420	3.353	7.7	22.9
5 11	16 15.70	−15 28.1	2.363	3.348	4.6	22.7
5 21	16 6.91	−14 54.3	2.334	3.342	1.9	22.5
5 31	15 57.89	−14 22.6	2.335	3.336	3.4	22.6
6 10	15 49.42	−13 55.5	2.364	3.328	6.5	22.8
6 20	15 42.16	−13 35.3	2.421	3.320	9.6	23.0
6 30	15 36.63	−13 23.4	2.500	3.311	12.2	23.1

470683 2008 SK_{284} 5 24.1 86°.41 0°.5/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.91	−24 25.2	1.889	2.749	13.1	21.1
5 1	16 23.28	−23 52.5	1.825	2.759	9.6	20.9
5 11	16 15.67	−23 11.0	1.784	2.770	5.7	20.7
5 21	16 6.90	−22 22.4	1.770	2.780	1.5	20.5
5 31	15 57.99	−21 29.9	1.783	2.790	2.9	20.6
6 10	15 49.96	−20 38.0	1.823	2.800	7.0	20.9
6 20	15 43.60	−19 50.9	1.888	2.811	10.6	21.1
6 30	15 39.46	−19 12.3	1.976	2.820	13.8	21.3

488598 2002 QL_{124} 5 24.1 315°.62 1°.1/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.76	−24 43.2	1.580	2.451	14.6	21.5
5 1	16 22.51	−24 29.9	1.485	2.425	11.0	21.2
5 11	16 15.68	−24 6.3	1.412	2.399	6.7	20.9
5 21	16 6.99	−23 32.7	1.363	2.373	2.1	20.5
5 31	15 57.61	−22 51.3	1.339	2.347	3.5	20.5
6 10	15 48.88	−22 6.6	1.341	2.323	8.4	20.7
6 20	15 41.95	−21 23.7	1.366	2.298	13.1	20.9
6 30	15 37.72	−20 48.1	1.410	2.275	17.2	21.1

134319 1205 T-2 5 24.1 208°.88 3°.7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.06	−29 21.1	1.677	2.523	15.1	20.2
5 1	16 28.46	−29 47.4	1.597	2.519	11.6	19.9
5 11	16 19.07	−30 2.4	1.540	2.515	7.7	19.7
5 21	16 7.78	−30 3.4	1.508	2.510	4.2	19.5
5 31	15 55.92	−29 50.0	1.502	2.504	4.6	19.5
6 10	15 44.94	−29 25.1	1.523	2.498	8.3	19.7
6 20	15 36.05	−28 53.9	1.568	2.491	12.3	19.9
6 30	15 30.08	−28 22.4	1.634	2.484	15.9	20.1

74699 1999 RG_{144} 5 24.1 347°.86 1°.8/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.98	−19 57.6	1.299	2.184	16.2	19.1
5 1	16 23.41	−19 6.1	1.233	2.181	11.9	18.9
5 11	16 16.11	−18 6.5	1.187	2.178	7.0	18.6
5 21	16 7.06	−17 2.6	1.166	2.176	2.2	18.3
5 31	15 57.64	−16 0.3	1.169	2.174	4.7	18.4
6 10	15 49.28	−15 6.1	1.196	2.173	9.8	18.7
6 20	15 43.08	−14 25.2	1.244	2.172	14.5	19.0
6 30	15 39.77	−14 0.6	1.312	2.171	18.5	19.2

33090 1997 XT_{11} 5 24.1 79°.03 7°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.39	− 2 4.3	1.742	2.598	14.3	18.1
5 1	16 24.40	− 1 43.5	1.685	2.604	11.3	17.9
5 11	16 16.37	− 1 34.9	1.649	2.610	8.6	17.8
5 21	16 7.10	− 1 41.9	1.638	2.617	7.2	17.7
5 31	15 57.61	− 2 6.6	1.653	2.623	8.2	17.8
6 10	15 48.95	− 2 49.0	1.694	2.630	10.7	17.9
6 20	15 41.95	− 3 47.0	1.757	2.636	13.6	18.1
6 30	15 37.19	− 4 57.7	1.841	2.642	16.3	18.3

69267 1988 RO_{6} 5 24.1 232°.12 3°.9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.80	−30 30.8	1.762	2.606	14.7	18.4
5 1	16 27.49	−30 51.0	1.677	2.597	11.3	18.2
5 11	16 18.49	−30 58.9	1.615	2.587	7.7	18.0
5 21	16 7.66	−30 52.1	1.577	2.578	4.4	17.7
5 31	15 56.25	−30 30.4	1.566	2.567	4.6	17.7
6 10	15 45.64	−29 57.1	1.582	2.557	8.1	17.9
6 20	15 37.01	−29 17.2	1.622	2.546	12.0	18.1
6 30	15 31.17	−28 37.0	1.684	2.534	15.5	18.3

342693 2008 VV_{67} 5 24.1 208°.34 0°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.79	−21 17.9	2.089	2.948	12.0	21.6
5 1	16 23.18	−21 3.8	2.011	2.946	8.8	21.4
5 11	16 15.66	−20 44.7	1.956	2.943	5.2	21.1
5 21	16 6.94	−20 21.4	1.929	2.940	1.2	20.8
5 31	15 57.93	−19 55.9	1.929	2.936	2.8	21.0
6 10	15 49.58	−19 31.1	1.958	2.933	6.7	21.2
6 20	15 42.69	−19 9.9	2.011	2.929	10.3	21.4
6 30	15 37.85	−18 55.0	2.087	2.925	13.4	21.6

409164 2003 UU_{204} 5 24.1 160°.38 0°.3/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.82	−22 58.6	1.945	2.798	13.0	22.3
5 1	16 26.16	−22 43.2	1.874	2.805	9.6	22.1
5 11	16 17.40	−22 20.9	1.827	2.812	5.7	21.9
5 21	16 7.35	−21 52.2	1.807	2.817	1.4	21.6
5 31	15 57.07	−21 19.6	1.815	2.822	2.9	21.7
6 10	15 47.63	−20 46.3	1.851	2.826	7.1	22.0
6 20	15 39.91	−20 16.2	1.913	2.830	10.8	22.2
6 30	15 34.49	−19 52.4	1.997	2.832	14.0	22.5

22740 Rayleigh 5 24.1 334°.19 1°.8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.26	−17 21.7	1.820	2.697	12.7	17.5
5 1	16 20.15	−16 56.3	1.738	2.682	9.4	17.3
5 11	16 14.03	−16 28.1	1.678	2.667	5.6	17.0
5 21	16 6.58	−15 59.5	1.644	2.653	2.1	16.7
5 31	15 58.73	−15 33.2	1.636	2.640	3.9	16.8
6 10	15 51.49	−15 12.6	1.654	2.628	7.9	17.0
6 20	15 45.73	−15 0.2	1.696	2.616	11.7	17.3
6 30	15 42.11	−14 57.9	1.758	2.605	15.1	17.4

503465 2016 EC_{144} 5 24.1 66°.36 0°.8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.76	−20 36.3	1.400	2.276	15.8	21.6
5 1	16 25.14	−20 10.4	1.344	2.288	11.6	21.3
5 11	16 16.97	−19 38.2	1.310	2.299	6.7	21.1
5 21	16 7.26	−19 2.0	1.300	2.311	1.7	20.8
5 31	15 57.34	−18 25.3	1.316	2.323	3.9	21.0
6 10	15 48.58	−17 52.8	1.356	2.335	8.8	21.3
6 20	15 41.98	−17 28.5	1.420	2.347	13.1	21.6
6 30	15 38.15	−17 15.0	1.504	2.359	16.8	21.8

303225 2004 NO_{30} 5 24.1 311°.84 2°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.21	−26 19.8	2.066	2.914	12.6	20.1
5 1	16 25.29	−27 12.1	1.979	2.903	9.6	19.9
5 11	16 17.11	−27 59.2	1.915	2.892	6.2	19.7
5 21	16 7.34	−28 38.5	1.878	2.882	3.2	19.5
5 31	15 56.97	−29 8.6	1.869	2.871	3.8	19.5
6 10	15 47.13	−29 29.6	1.887	2.861	7.1	19.7
6 20	15 38.80	−29 43.8	1.931	2.851	10.6	19.9
6 30	15 32.76	−29 54.1	1.998	2.841	13.7	20.1

73414 2002 LU_{30} 5 24.1 164°.25 2°.4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.14	−14 30.7	2.000	2.865	12.3	19.7
5 1	16 23.41	−14 17.5	1.930	2.867	9.0	19.5
5 11	16 15.78	−14 4.8	1.883	2.868	5.5	19.3
5 21	16 6.98	−13 54.4	1.863	2.870	2.5	19.1
5 31	15 57.90	−13 48.3	1.870	2.871	4.0	19.2
6 10	15 49.51	−13 48.3	1.905	2.872	7.6	19.4
6 20	15 42.60	−13 55.7	1.965	2.873	11.0	19.6
6 30	15 37.74	−14 11.4	2.046	2.874	14.0	19.8

358337 2006 VE_{81} 5 24.1 218°.79 0°.8/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.35	−20 34.5	2.377	3.236	10.8	21.0
5 1	16 21.16	−19 57.9	2.298	3.233	7.9	20.8
5 11	16 14.38	−19 16.3	2.243	3.230	4.6	20.6
5 21	16 6.63	−18 31.4	2.216	3.226	1.2	20.3
5 31	15 58.67	−17 46.1	2.217	3.223	2.8	20.5
6 10	15 51.30	−17 3.5	2.247	3.219	6.2	20.7
6 20	15 45.17	−16 26.6	2.303	3.215	9.4	20.9
6 30	15 40.78	−15 57.9	2.381	3.211	12.2	21.0

259569 2003 UC_{180} 5 24.1 168°.31 0°.3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.75	−20 33.5	1.877	2.735	13.2	21.6
5 1	16 26.20	−20 26.1	1.805	2.739	9.7	21.4
5 11	16 17.47	−20 14.1	1.757	2.743	5.7	21.2
5 21	16 7.39	−19 58.1	1.735	2.746	1.3	20.9
5 31	15 57.00	−19 40.0	1.742	2.748	3.1	21.0
6 10	15 47.43	−19 22.6	1.776	2.750	7.4	21.3
6 20	15 39.58	−19 8.8	1.835	2.751	11.2	21.5
6 30	15 34.08	−19 1.2	1.916	2.752	14.5	21.7

24190 Xiaoyunyin 5 24.1 163°.05 1°.7/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.09	−16 24.3	2.051	2.914	12.1	19.0
5 1	16 23.34	−16 12.7	1.979	2.916	8.8	18.8
5 11	16 15.74	−16 0.0	1.932	2.918	5.2	18.6
5 21	16 6.97	−15 47.8	1.911	2.920	2.0	18.4
5 31	15 57.94	−15 38.0	1.918	2.922	3.5	18.5
6 10	15 49.59	−15 32.6	1.953	2.923	7.2	18.7
6 20	15 42.69	−15 33.3	2.013	2.924	10.6	18.9
6 30	15 37.82	−15 41.3	2.095	2.925	13.6	19.1

119727 2001 XG_{257} 5 24.1 133°.63 7°.5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.81	− 1 37.8	1.930	2.782	13.2	20.5
5 1	16 23.05	− 0 39.4	1.875	2.790	10.6	20.4
5 11	16 15.50	+ 0 8.7	1.844	2.798	8.4	20.2
5 21	16 6.90	+ 0 42.0	1.838	2.806	7.5	20.2
5 31	15 58.15	+ 0 56.8	1.858	2.813	8.5	20.3
6 10	15 50.16	+ 0 51.8	1.903	2.820	10.8	20.4
6 20	15 43.66	+ 0 27.9	1.971	2.827	13.3	20.6
6 30	15 39.16	− 0 12.7	2.058	2.833	15.7	20.8

521375 2015 MF_{141} 5 24.1 71°.55 1°.9/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.85	−16 14.6	2.285	3.149	11.0	21.5
5 1	16 20.75	−15 47.5	2.221	3.158	8.0	21.3
5 11	16 14.12	−15 19.1	2.182	3.168	4.7	21.1
5 21	16 6.57	−14 51.6	2.169	3.177	2.0	20.9
5 31	15 58.88	−14 27.3	2.185	3.187	3.4	21.0
6 10	15 51.83	−14 8.5	2.229	3.196	6.6	21.3
6 20	15 46.04	−13 56.9	2.298	3.206	9.6	21.5
6 30	15 41.99	−13 53.7	2.389	3.215	12.3	21.7

427056 2014 TW_{73} 5 24.1 286°.33 1°.7/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.58	−17 14.5	1.382	2.260	15.9	20.9
5 1	16 26.30	−17 11.9	1.296	2.240	11.8	20.6
5 11	16 18.05	−17 8.0	1.230	2.220	7.1	20.3
5 21	16 7.63	−17 3.8	1.189	2.199	2.2	19.9
5 31	15 56.34	−17 1.3	1.172	2.178	4.5	20.0
6 10	15 45.75	−17 3.4	1.180	2.158	9.9	20.3
6 20	15 37.22	−17 12.6	1.211	2.137	14.9	20.5
6 30	15 31.74	−17 31.2	1.260	2.116	19.3	20.7

457737 2009 HW_{13} 5 24.1 337°.01 6°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.82	−22 31.4	1.125	1.996	19.3	19.5
5 1	16 35.31	−25 24.6	1.044	1.981	14.9	19.2
5 11	16 24.25	−28 29.4	0.986	1.967	9.9	18.9
5 21	16 9.31	−31 32.4	0.953	1.954	6.2	18.6
5 31	15 52.21	−34 17.8	0.946	1.943	7.9	18.7
6 10	15 35.48	−36 34.4	0.965	1.932	12.9	18.9
6 20	15 21.59	−38 20.2	1.005	1.924	18.0	19.2
6 30	15 12.36	−39 41.3	1.064	1.916	22.4	19.4

490189 2008 UJ_{305} 5 24.1 191°.04 2°.4/25.2 17

4 21	16 31.09	−28 15.0	2.258	3.098	12.0	22.1
5 1	16 24.86	−28 24.4	2.177	3.097	9.1	22.0
5 11	16 16.66	−28 24.9	2.120	3.095	5.8	21.7
5 21	16 7.21	−28 15.7	2.089	3.093	2.9	21.6
5 31	15 57.43	−27 57.4	2.087	3.091	3.2	21.6
6 10	15 48.31	−27 32.3	2.113	3.088	6.4	21.8
6 20	15 40.68	−27 4.1	2.166	3.085	9.6	22.0
6 30	15 35.15	−26 36.7	2.241	3.081	12.5	22.1

250794 2005 TC_{129} 5 24.1 189°.57 0°.9/24.5 17

4 21	16 27.40	−24 0.4	2.439	3.290	10.8	21.2
5 1	16 21.97	−24 1.3	2.360	3.290	8.0	21.0
5 11	16 14.89	−23 56.5	2.306	3.289	4.8	20.8
5 21	16 6.77	−23 46.3	2.279	3.289	1.5	20.6
5 31	15 58.40	−23 31.6	2.281	3.288	2.5	20.6
6 10	15 50.60	−23 14.6	2.311	3.288	5.8	20.9
6 20	15 44.06	−22 57.8	2.367	3.287	8.9	21.1
6 30	15 39.30	−22 43.8	2.447	3.286	11.6	21.2

426941 2013 YA_{6} 5 24.1 348°.46 1°.8/23.4 17 R

4 21	16 27.94	−16 44.6	1.814	2.685	13.1	20.5
5 1	16 22.75	−16 32.9	1.742	2.683	9.6	20.3
5 11	16 15.50	−16 20.0	1.694	2.682	5.7	20.0
5 21	16 6.93	−16 7.5	1.671	2.680	2.0	19.8
5 31	15 58.04	−15 57.5	1.675	2.679	3.8	19.9
6 10	15 49.88	−15 52.3	1.706	2.678	7.8	20.2
6 20	15 43.31	−15 53.8	1.760	2.678	11.5	20.4
6 30	15 38.96	−16 3.4	1.836	2.677	14.8	20.6

45044 1999 XW_{12} 5 24.1 247°.04 4°.5/22.1 18

4 21	16 29.55	−11 49.5	1.681	2.552	13.9	19.4
5 1	16 24.08	−11 1.2	1.604	2.542	10.4	19.1
5 11	16 16.36	−10 13.8	1.550	2.532	6.8	18.9
5 21	16 7.16	− 9 31.5	1.521	2.522	4.5	18.7
5 31	15 57.54	− 8 58.7	1.519	2.511	6.2	18.8
6 10	15 48.66	− 8 38.9	1.543	2.500	9.8	19.0
6 20	15 41.47	− 8 34.3	1.589	2.489	13.6	19.2
6 30	15 36.65	− 8 45.1	1.656	2.478	17.0	19.4

372414 2009 RZ_{46} 5 24.1 106°.81 4°.0/21.9 18

4 21	16 29.89	−11 37.8	2.062	2.922	12.1	21.8
5 1	16 23.63	−10 39.3	2.012	2.945	9.0	21.7
5 11	16 15.74	− 9 42.7	1.988	2.967	5.9	21.5
5 21	16 6.95	− 8 51.8	1.991	2.989	4.0	21.4
5 31	15 58.14	− 8 10.3	2.022	3.010	5.3	21.6
6 10	15 50.17	− 7 40.8	2.081	3.030	8.2	21.8
6 20	15 43.70	− 7 24.7	2.164	3.050	11.1	22.0
6 30	15 39.16	− 7 22.1	2.269	3.069	13.6	22.2

213926 2003 UG_{257} 5 24.1 235°.56 0°.1/24.1 18

4 21	16 33.15	−20 33.6	1.693	2.556	14.2	20.4
5 1	16 26.92	−20 46.2	1.611	2.547	10.5	20.1
5 11	16 18.14	−20 55.2	1.551	2.538	6.2	19.9
5 21	16 7.61	−21 0.3	1.518	2.529	1.5	19.5
5 31	15 56.51	−21 2.0	1.511	2.519	3.4	19.6
6 10	15 46.14	−21 2.3	1.532	2.509	8.1	19.9
6 20	15 37.61	−21 4.1	1.576	2.498	12.4	20.1
6 30	15 31.72	−21 10.2	1.642	2.487	16.1	20.3

403203 2008 SP_{197} 5 24.1 230°.34 2°.3/23.1 16

4 21	16 32.66	−17 3.4	1.602	2.471	14.6	22.5
5 1	16 26.56	−16 29.8	1.521	2.460	10.8	22.2
5 11	16 17.92	−15 52.5	1.462	2.449	6.5	22.0
5 21	16 7.56	−15 14.1	1.429	2.438	2.6	21.7
5 31	15 56.68	−14 38.3	1.422	2.425	4.6	21.8
6 10	15 46.59	−14 9.3	1.442	2.412	9.2	22.0
6 20	15 38.39	−13 50.7	1.485	2.398	13.6	22.2
6 30	15 32.84	−13 44.6	1.549	2.384	17.4	22.4

434436 2005 NX_{23} 5 24.1 219°.14 5°.3/20.2 18

4 21	16 25.45	− 1 9.6	3.122	3.957	9.1	22.5
5 1	16 20.16	− 0 27.5	3.042	3.946	7.4	22.3
5 11	16 13.70	+ 0 8.2	2.988	3.935	5.9	22.2
5 21	16 6.49	+ 0 34.7	2.962	3.923	5.3	22.2
5 31	15 59.09	+ 0 49.8	2.963	3.910	6.1	22.2
6 10	15 52.06	+ 0 52.1	2.992	3.897	7.7	22.3
6 20	15 45.90	+ 0 41.5	3.046	3.884	9.6	22.4
6 30	15 41.00	+ 0 18.7	3.122	3.869	11.4	22.5

272612 2005 WZ_{18} 5 24.1 114°.53 1°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.43	−16 29.7	2.055	2.912	12.3	21.0
5 1	16 25.65	−16 33.5	1.996	2.930	9.0	20.8
5 11	16 17.01	−16 36.7	1.962	2.948	5.3	20.6
5 21	16 7.28	−16 39.9	1.955	2.965	1.7	20.4
5 31	15 57.40	−16 44.5	1.977	2.981	3.3	20.6
6 10	15 48.32	−16 51.6	2.027	2.997	6.9	20.8
6 20	15 40.82	−17 2.7	2.103	3.013	10.3	21.1
6 30	15 35.41	−17 18.9	2.201	3.028	13.2	21.3

246534 2008 KG_{43} 5 24.1 215°.83 3°.7/20.2 18

4 21	16 18.63	− 1 7.4	4.655	5.491	6.3	20.6
5 1	16 14.93	− 0 40.2	4.585	5.489	5.1	20.5
5 11	16 10.53	− 0 17.7	4.541	5.487	4.1	20.5
5 21	16 5.73	− 0 1.6	4.525	5.485	3.7	20.4
5 31	16 0.84	+ 0 7.1	4.537	5.483	4.2	20.5
6 10	15 56.18	+ 0 7.6	4.577	5.481	5.3	20.5
6 20	15 52.06	− 0 0.1	4.642	5.479	6.5	20.6
6 30	15 48.72	− 0 15.8	4.730	5.477	7.8	20.7

27587 2000 XG_{39} 5 24.1 231°.74 7°.0/27.6 18

4 21	16 34.23	−41 1.2	2.110	2.906	14.2	18.7
5 1	16 27.70	−41 31.3	2.023	2.898	11.8	18.6
5 11	16 18.58	−41 43.7	1.957	2.890	9.4	18.4
5 21	16 7.73	−41 34.8	1.916	2.881	7.5	18.2
5 31	15 56.37	−41 3.2	1.900	2.871	7.1	18.2
6 10	15 45.86	−40 12.0	1.911	2.862	8.7	18.3
6 20	15 37.30	−39 6.7	1.946	2.852	11.2	18.4
6 30	15 31.46	−37 54.9	2.004	2.842	13.9	18.6

160174 2001 WZ_{7} 5 24.1 120°.35 2°.1/23.2 17

4 21	16 31.21	−15 29.5	2.051	2.911	12.2	21.2
5 1	16 24.74	−15 12.2	1.993	2.928	8.9	21.0
5 11	16 16.48	−14 54.6	1.959	2.944	5.3	20.8
5 21	16 7.17	−14 38.3	1.952	2.960	2.3	20.7
5 31	15 57.73	−14 25.3	1.974	2.975	3.8	20.8
6 10	15 49.11	−14 17.8	2.023	2.990	7.2	21.0
6 20	15 42.01	−14 17.3	2.098	3.004	10.5	21.3
6 30	15 36.97	−14 24.7	2.196	3.018	13.3	21.5

331385 2012 ES_{12} 5 24.1 94°.82 0°.9/23.7 17

4 21	16 30.47	−20 18.8	1.534	2.407	14.9	21.4
5 1	16 24.87	−19 52.1	1.469	2.411	10.9	21.1
5 11	16 16.84	−19 19.4	1.427	2.415	6.4	20.9
5 21	16 7.29	−18 42.9	1.409	2.420	1.6	20.6
5 31	15 57.46	−18 6.0	1.418	2.424	3.8	20.7
6 10	15 48.61	−17 32.9	1.452	2.428	8.5	21.0
6 20	15 41.74	−17 7.5	1.509	2.433	12.7	21.3
6 30	15 37.50	−16 52.6	1.588	2.437	16.3	21.5

512447 2016 QG_{21} 5 24.1 155°.04 1°.3/24.9 18

4 21	16 27.43	−26 54.0	2.685	3.527	10.2	21.4
5 1	16 21.82	−26 37.1	2.609	3.532	7.6	21.3
5 11	16 14.73	−26 12.5	2.558	3.537	4.7	21.1
5 21	16 6.76	−25 40.6	2.534	3.542	1.9	20.9
5 31	15 58.63	−25 3.3	2.540	3.546	2.4	20.9
6 10	15 51.09	−24 23.1	2.574	3.550	5.3	21.1
6 20	15 44.76	−23 43.2	2.636	3.554	8.2	21.3
6 30	15 40.09	−23 6.6	2.721	3.557	10.7	21.5

215964 2005 QZ_{2} 5 24.1 258°.77 2°.3/22.8 18

4 21	16 26.26	−15 15.6	2.336	3.199	10.8	21.0
5 1	16 21.18	−14 44.7	2.251	3.188	8.0	20.8
5 11	16 14.48	−14 12.7	2.191	3.177	4.8	20.6
5 21	16 6.74	−13 41.6	2.159	3.165	2.4	20.4
5 31	15 58.70	−13 14.1	2.154	3.153	3.8	20.5
6 10	15 51.17	−12 52.7	2.177	3.142	7.0	20.7
6 20	15 44.84	−12 39.4	2.226	3.130	10.1	20.9
6 30	15 40.25	−12 35.4	2.297	3.118	12.9	21.0

33642 1999 JB_{82} 5 24.1 304°.43 6°.7/22.5 18

4 21	16 31.51	− 6 4.0	1.355	2.228	16.4	17.4
5 1	16 25.97	− 5 48.2	1.285	2.220	12.8	17.1
5 11	16 17.70	− 5 43.2	1.236	2.212	9.0	16.9
5 21	16 7.56	− 5 53.2	1.211	2.205	6.7	16.7
5 31	15 56.86	− 6 21.0	1.210	2.197	8.1	16.8
6 10	15 47.04	− 7 7.1	1.232	2.190	11.8	17.0
6 20	15 39.26	− 8 9.6	1.277	2.183	15.8	17.2
6 30	15 34.35	− 9 25.6	1.340	2.176	19.5	17.4

477946 2011 QY_{94} 5 24.1 326°.59 0°.2/24.0 16

4 21	16 26.93	−21 47.5	1.856	2.723	13.0	21.9
5 1	16 22.08	−21 28.4	1.778	2.717	9.5	21.6
5 11	16 15.16	−21 3.1	1.723	2.711	5.6	21.4
5 21	16 6.92	−20 32.9	1.694	2.705	1.3	21.1
5 31	15 58.33	−20 0.2	1.692	2.699	3.1	21.2
6 10	15 50.45	−19 28.6	1.716	2.694	7.3	21.5
6 20	15 44.15	−19 1.5	1.765	2.689	11.1	21.7
6 30	15 40.05	−18 41.9	1.835	2.684	14.5	21.9

427216 2014 WK_{13} 5 24.1 257.°82 1.°0/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.70	−25 12.7	1.555	2.419	15.2	21.5
5 1	16 26.09	−24 47.9	1.470	2.406	11.4	21.2
5 11	16 17.75	−24 11.2	1.407	2.392	6.9	20.9
5 21	16 7.58	−23 23.3	1.368	2.378	2.1	20.6
5 31	15 56.84	−22 27.2	1.356	2.364	3.5	20.7
6 10	15 46.96	−21 28.3	1.370	2.349	8.5	20.9
6 20	15 39.09	−20 33.1	1.407	2.334	13.2	21.2
6 30	15 34.06	−19 47.0	1.465	2.319	17.2	21.4

149569 2003 YJ_{47} 5 24.1 99.°66 2.°1/23.2 17

4 21	16 31.15	−16 58.6	1.591	2.463	14.5	20.1
5 1	16 25.18	−16 31.2	1.533	2.474	10.6	19.9
5 11	16 16.94	−16 1.6	1.498	2.486	6.3	19.6
5 21	16 7.33	−15 32.3	1.488	2.497	2.4	19.4
5 31	15 57.52	−15 6.5	1.504	2.507	4.3	19.6
6 10	15 48.72	−14 47.6	1.546	2.518	8.5	19.8
6 20	15 41.82	−14 37.9	1.613	2.529	12.5	20.1
6 30	15 37.43	−14 39.0	1.699	2.539	15.9	20.3

326154 2012 BK_{69} 5 24.1 114.°08 0.°9/23.7 17

4 21	16 32.89	−19 21.2	1.631	2.497	14.5	22.1
5 1	16 26.44	−19 7.7	1.572	2.511	10.6	21.9
5 11	16 17.66	−18 50.1	1.536	2.524	6.2	21.6
5 21	16 7.50	−18 29.9	1.526	2.536	1.6	21.3
5 31	15 57.14	−18 9.4	1.543	2.549	3.6	21.5
6 10	15 47.80	−17 52.0	1.586	2.561	8.1	21.8
6 20	15 40.42	−17 40.5	1.653	2.572	12.1	22.1
6 30	15 35.59	−17 37.1	1.742	2.583	15.4	22.3

49984 2000 AA_{1} 5 24.1 317.°24 5.°1/22.3 18

4 21	16 28.04	−10 54.3	1.401	2.283	15.5	18.5
5 1	16 23.38	−10 17.9	1.328	2.271	11.7	18.2
5 11	16 16.16	− 9 45.0	1.277	2.261	7.7	18.0
5 21	16 7.20	− 9 19.8	1.249	2.250	5.1	17.8
5 31	15 57.72	− 9 6.8	1.246	2.240	6.8	17.8
6 10	15 49.06	− 9 8.9	1.266	2.230	10.9	18.0
6 20	15 42.32	− 9 27.3	1.309	2.221	15.1	18.3
6 30	15 38.28	−10 1.2	1.369	2.212	18.8	18.5

332079 2005 TZ_{27} 5 24.1 126.°21 2.°0/23.3 18

4 21	16 38.96	−18 45.8	1.347	2.214	16.9	21.3
5 1	16 31.06	−18 3.3	1.297	2.236	12.3	21.0
5 11	16 20.39	−17 15.5	1.268	2.255	7.2	20.8
5 21	16 8.15	−16 25.7	1.265	2.274	2.4	20.6
5 31	15 55.86	−15 38.5	1.288	2.292	4.7	20.8
6 10	15 45.02	−14 59.4	1.337	2.308	9.6	21.1
6 20	15 36.67	−14 32.1	1.409	2.323	14.1	21.4
6 30	15 31.42	−14 18.9	1.501	2.337	17.8	21.7

469442 2002 GG_{166} 5 24.1 344.°65 0.°2/24.9 15

4 21	16 9.90	−25 12.9	17.080	17.919	1.8	20.6
5 1	16 8.38	−25 11.3	16.977	17.900	1.3	20.5
5 11	16 6.67	−25 8.8	16.901	17.880	0.8	20.4
5 21	16 4.86	−25 5.6	16.854	17.861	0.3	20.4
5 31	16 3.01	−25 1.7	16.836	17.842	0.4	20.4
6 10	16 1.22	−24 57.5	16.847	17.822	0.9	20.4
6 20	15 59.56	−24 53.1	16.887	17.803	1.5	20.5
6 30	15 58.09	−24 48.8	16.952	17.784	1.9	20.5

62879 2000 UN_{91} 5 24.1 274.°76 0.°7/24.4 18

4 21	16 29.09	−24 21.8	1.769	2.632	13.7	19.3
5 1	16 23.78	−23 59.4	1.690	2.626	10.2	19.1
5 11	16 16.21	−23 27.6	1.635	2.621	6.1	18.8
5 21	16 7.19	−22 47.6	1.605	2.615	1.7	18.5
5 31	15 57.81	−22 2.2	1.601	2.609	3.1	18.6
6 10	15 49.23	−21 15.6	1.624	2.603	7.5	18.9
6 20	15 42.39	−20 32.6	1.672	2.598	11.6	19.1
6 30	15 37.95	−19 57.2	1.741	2.592	15.1	19.3

173897 2001 UD_{119} 5 24.1 119.°70 1.°5/23.1 17

4 21	16 27.11	−17 16.9	2.708	3.563	9.8	20.8
5 1	16 21.43	−16 44.0	2.647	3.580	7.1	20.6
5 11	16 14.44	−16 9.3	2.612	3.597	4.2	20.4
5 21	16 6.72	−15 34.6	2.605	3.614	1.6	20.3
5 31	15 58.93	−15 2.0	2.628	3.630	2.9	20.4
6 10	15 51.74	−14 33.8	2.680	3.645	5.7	20.6
6 20	15 45.68	−14 11.9	2.758	3.660	8.4	20.8
6 30	15 41.15	−13 57.5	2.860	3.675	10.8	21.0

215131 1999 RH_{237} 5 24.1 272.°87 1.°3/23.6 17

4 21	16 32.33	−17 54.3	1.668	2.535	14.2	20.7
5 1	16 26.52	−17 48.9	1.571	2.510	10.6	20.4
5 11	16 18.08	−17 41.1	1.497	2.485	6.3	20.1
5 21	16 7.71	−17 31.8	1.449	2.459	1.9	19.8
5 31	15 56.56	−17 22.8	1.427	2.432	4.0	19.9
6 10	15 45.94	−17 16.8	1.431	2.405	8.8	20.1
6 20	15 37.04	−17 16.6	1.459	2.378	13.4	20.3
6 30	15 30.78	−17 24.7	1.508	2.350	17.4	20.5

513106 2017 WZ_{24} 5 24.1 311.°14 4.°6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.58	−31 10.5	1.485	2.342	16.2	20.5
5 1	16 25.59	−31 33.9	1.404	2.329	12.6	20.2
5 11	16 17.64	−31 43.1	1.343	2.317	8.7	20.0
5 21	16 7.61	−31 35.2	1.306	2.306	5.2	19.7
5 31	15 56.89	−31 9.9	1.293	2.295	5.3	19.7
6 10	15 47.07	−30 31.0	1.305	2.284	9.0	19.9
6 20	15 39.45	−29 44.6	1.340	2.273	13.3	20.1
6 30	15 34.94	−28 58.0	1.395	2.263	17.1	20.3

261515 2005 WC_{65} 5 24.1 274.°08 12.°4/30.2 18

4 21	16 38.68	−46 39.4	1.093	1.911	23.3	20.3
5 1	16 33.11	−47 4.4	1.022	1.904	20.1	20.0
5 11	16 22.66	−46 51.9	0.965	1.896	16.6	19.8
5 21	16 8.86	−45 51.9	0.926	1.889	13.5	19.6
5 31	15 54.30	−44 1.3	0.908	1.882	12.4	19.5
6 10	15 41.81	−41 29.2	0.911	1.874	14.0	19.6
6 20	15 33.33	−38 33.9	0.934	1.867	17.5	19.7
6 30	15 29.73	−35 35.9	0.976	1.860	21.5	19.9

390382 2013 WM_{14} 5 24.1 273.°90 1.°8/23.3 17

4 21	16 29.29	−18 5.3	1.793	2.661	13.3	21.1
5 1	16 23.99	−17 34.2	1.701	2.641	9.8	20.8
5 11	16 16.42	−16 58.6	1.634	2.621	5.9	20.5
5 21	16 7.29	−16 20.8	1.591	2.601	2.1	20.2
5 31	15 57.63	−15 44.0	1.576	2.580	4.0	20.3
6 10	15 48.57	−15 12.1	1.588	2.559	8.4	20.5
6 20	15 41.11	−14 48.6	1.623	2.538	12.5	20.7
6 30	15 36.00	−14 36.2	1.680	2.517	16.1	20.9

479098 2013 AU_{128} 5 24.1 161.°86 6.°6/27.9 16

4 21	16 33.07	−42 45.2	2.593	3.370	12.4	21.8
5 1	16 26.43	−43 20.2	2.515	3.373	10.4	21.7
5 11	16 17.67	−43 39.5	2.459	3.377	8.4	21.6
5 21	16 7.56	−43 40.3	2.428	3.380	6.9	21.5
5 31	15 57.11	−43 21.8	2.424	3.382	6.6	21.5
6 10	15 47.41	−42 46.0	2.446	3.385	7.7	21.5
6 20	15 39.35	−41 57.4	2.494	3.387	9.6	21.7
6 30	15 33.55	−41 1.5	2.565	3.389	11.6	21.8

189315 2006 UV_{11} 5 24.1 164.°78 0.°9/23.6 18

4 21	16 27.14	−18 44.4	2.475	3.332	10.5	21.7
5 1	16 21.70	−18 26.7	2.400	3.335	7.6	21.6
5 11	16 14.74	−18 6.2	2.351	3.337	4.5	21.4
5 21	16 6.84	−17 44.3	2.329	3.339	1.3	21.1
5 31	15 58.74	−17 22.8	2.336	3.341	2.8	21.3
6 10	15 51.21	−17 3.9	2.372	3.343	6.0	21.5
6 20	15 44.88	−16 49.6	2.433	3.345	9.1	21.7
6 30	15 40.23	−16 41.6	2.518	3.346	11.7	21.8

466379 2013 SY_{14} 5 24.1 306.°64 8.°3/25.7 17

4 21	16 33.85	−35 42.0	1.431	2.273	17.5	21.0
5 1	16 28.70	−37 2.3	1.341	2.250	14.4	20.7
5 11	16 19.91	−38 9.4	1.272	2.228	11.1	20.5
5 21	16 8.28	−38 55.7	1.224	2.206	8.6	20.2
5 31	15 55.31	−39 15.8	1.201	2.184	8.7	20.2
6 10	15 43.02	−39 9.8	1.200	2.163	11.5	20.3
6 20	15 33.19	−38 42.9	1.221	2.142	15.3	20.4
6 30	15 27.12	−38 4.3	1.261	2.122	19.0	20.6

137490 1999 UQ_{50} 5 24.1 296.°95 2.°4/23.3 18

4 21	16 29.50	−16 31.7	1.416	2.296	15.5	19.6
5 1	16 24.68	−16 11.4	1.331	2.276	11.5	19.3
5 11	16 17.08	−15 48.9	1.267	2.256	6.9	19.0
5 21	16 7.50	−15 26.4	1.227	2.236	2.7	18.7
5 31	15 57.19	−15 7.4	1.212	2.216	4.9	18.8
6 10	15 47.58	−14 55.6	1.221	2.196	9.9	19.0
6 20	15 39.92	−14 54.0	1.253	2.177	14.7	19.2
6 30	15 35.14	−15 4.7	1.303	2.158	18.9	19.4

395069 2009 GC_{1} 5 24.1 290.°32 1.°5/23.1 18

4 21	16 26.83	−18 54.8	2.323	3.184	11.0	20.9
5 1	16 21.79	−18 9.1	2.216	3.152	8.1	20.7
5 11	16 14.97	−17 17.8	2.134	3.120	4.8	20.4
5 21	16 6.94	−16 23.0	2.079	3.088	1.7	20.2
5 31	15 58.47	−15 27.8	2.052	3.055	3.4	20.2
6 10	15 50.41	−14 36.3	2.054	3.023	7.0	20.4
6 20	15 43.54	−13 51.8	2.082	2.990	10.5	20.5
6 30	15 38.47	−13 17.4	2.132	2.956	13.6	20.7

470388 2007 TP_{333} 5 24.1 212.°22 1.°4/23.2 17

4 21	16 27.39	−18 31.9	2.408	3.266	10.7	22.3
5 1	16 21.95	−17 49.9	2.326	3.261	7.8	22.1
5 11	16 14.91	−17 4.0	2.269	3.255	4.6	21.8
5 21	16 6.89	−16 16.3	2.240	3.249	1.6	21.6
5 31	15 58.65	−15 29.8	2.240	3.243	3.2	21.7
6 10	15 50.97	−14 47.6	2.268	3.236	6.5	21.9
6 20	15 44.51	−14 12.5	2.323	3.229	9.6	22.1
6 30	15 39.79	−13 46.7	2.400	3.221	12.4	22.3

130875 2000 VN_3 5 24.1 111°.49 1°.7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.92	−19 35.7	1.472	2.347	15.3	19.3
5 1	16 25.27	−18 51.2	1.409	2.352	11.2	19.1
5 11	16 17.13	−18 0.3	1.368	2.357	6.5	18.8
5 21	16 7.47	−17 6.3	1.352	2.362	2.1	18.6
5 31	15 57.54	−16 13.9	1.362	2.367	4.3	18.7
6 10	15 48.66	−15 28.4	1.397	2.372	9.0	19.0
6 20	15 41.83	−14 53.9	1.456	2.377	13.3	19.3
6 30	15 37.69	−14 33.1	1.534	2.381	16.9	19.5

166624 2002 SU_{17} 5 24.1 220°.36 0°.7/23.7 18

4 21	16 28.08	−19 50.0	2.201	3.061	11.5	20.8
5 1	16 22.63	−19 30.4	2.121	3.056	8.4	20.6
5 11	16 15.41	−19 6.7	2.065	3.052	4.9	20.4
5 21	16 7.06	−18 40.3	2.036	3.047	1.3	20.1
5 31	15 58.42	−18 13.4	2.036	3.042	2.9	20.3
6 10	15 50.39	−17 48.5	2.063	3.037	6.6	20.5
6 20	15 43.71	−17 28.5	2.116	3.031	10.0	20.7
6 30	15 38.94	−17 15.4	2.192	3.026	13.0	20.9

250100 2002 GZ_{139} 5 24.1 315°.72 2°.9/23.1 18

4 21	16 27.45	−16 55.1	1.247	2.137	16.5	19.9
5 1	16 23.40	−16 19.2	1.169	2.119	12.2	19.6
5 11	16 16.42	−15 39.1	1.111	2.101	7.4	19.3
5 21	16 7.38	−14 58.3	1.075	2.084	3.1	19.0
5 31	15 57.63	−14 21.7	1.064	2.068	5.4	19.1
6 10	15 48.72	−13 54.7	1.075	2.052	10.7	19.3
6 20	15 41.95	−13 41.2	1.107	2.037	15.7	19.5
6 30	15 38.24	−13 43.6	1.157	2.022	20.1	19.7

267736 2003 FD_{78} 5 24.1 50°.63 6°.6/21.2 17

4 21	16 27.83	− 7 58.7	1.481	2.358	15.1	20.1
5 1	16 22.78	− 6 48.2	1.433	2.370	11.5	19.9
5 11	16 15.56	− 5 44.2	1.408	2.383	8.2	19.7
5 21	16 7.09	− 4 52.3	1.406	2.396	6.6	19.6
5 31	15 58.49	− 4 17.9	1.430	2.410	8.0	19.8
6 10	15 50.89	− 4 3.5	1.477	2.423	11.2	20.0
6 20	15 45.13	− 4 9.4	1.546	2.437	14.5	20.2
6 30	15 41.76	− 4 33.7	1.634	2.451	17.4	20.4

164282 2004 XZ_{71} 5 24.1 207°.20 1°.6/23.6 18

4 21	16 33.87	−16 34.3	1.691	2.555	14.2	20.3
5 1	16 27.38	−16 38.4	1.614	2.551	10.5	20.0
5 11	16 18.43	−16 42.2	1.560	2.547	6.2	19.8
5 21	16 7.84	−16 46.3	1.532	2.542	2.0	19.5
5 31	15 56.76	−16 51.9	1.532	2.537	3.9	19.6
6 10	15 46.46	−17 0.9	1.558	2.531	8.4	19.9
6 20	15 37.98	−17 14.8	1.609	2.525	12.5	20.1
6 30	15 32.08	−17 35.3	1.680	2.518	16.1	20.3

56685 2000 LE_{11} 5 24.1 209°.07 6°.3/20.9 18

4 21	16 29.34	− 3 48.0	2.132	2.982	12.2	19.0
5 1	16 23.50	− 2 59.0	2.059	2.976	9.6	18.9
5 11	16 15.91	− 2 17.2	2.010	2.970	7.3	18.7
5 21	16 7.20	− 1 46.7	1.987	2.963	6.3	18.6
5 31	15 58.21	− 1 30.9	1.991	2.956	7.4	18.7
6 10	15 49.82	− 1 31.5	2.022	2.948	9.8	18.8
6 20	15 42.76	− 1 48.7	2.076	2.939	12.5	19.0
6 30	15 37.59	− 2 21.2	2.151	2.930	15.0	19.1

230958 2004 XP_{128} 5 24.1 120°.57 0°.4/23.9 17

4 21	16 29.48	−21 29.7	2.069	2.927	12.2	20.6
5 1	16 23.62	−21 3.1	2.003	2.938	8.9	20.5
5 11	16 15.94	−20 30.9	1.962	2.949	5.2	20.2
5 21	16 7.19	−19 54.6	1.948	2.959	1.2	20.0
5 31	15 58.29	−19 17.0	1.962	2.969	2.9	20.1
6 10	15 50.17	−18 41.3	2.004	2.978	6.7	20.4
6 20	15 43.56	−18 10.7	2.071	2.988	10.1	20.6
6 30	15 38.99	−17 47.8	2.161	2.997	13.1	20.8

66238 1999 FZ 5 24.1 344°.31 1°.6/23.5 17

4 21	16 25.59	−19 45.1	1.064	1.963	17.9	18.6
5 1	16 22.30	−19 13.8	0.998	1.953	13.2	18.3
5 11	16 15.86	−18 34.9	0.952	1.945	7.8	18.0
5 21	16 7.27	−17 51.8	0.926	1.937	2.3	17.6
5 31	15 58.06	−17 9.5	0.923	1.931	4.9	17.8
6 10	15 49.96	−16 34.3	0.942	1.925	10.7	18.1
6 20	15 44.30	−16 11.3	0.980	1.921	16.0	18.3
6 30	15 41.95	−16 3.6	1.036	1.919	20.6	18.6

276945 2004 TJ_{255} 5 24.1 127°.28 0°.4/24.3 17

4 21	16 30.98	−22 16.2	2.020	2.876	12.5	21.2
5 1	16 24.83	−22 14.8	1.953	2.886	9.2	21.0
5 11	16 16.71	−22 8.0	1.910	2.895	5.4	20.8
5 21	16 7.40	−21 56.1	1.894	2.904	1.4	20.5
5 31	15 57.86	−21 40.7	1.905	2.913	2.8	20.6
6 10	15 49.10	−21 24.3	1.945	2.921	6.7	20.9
6 20	15 41.93	−21 9.7	2.010	2.929	10.2	21.1
6 30	15 36.92	−20 59.6	2.098	2.937	13.3	21.3

97919 2000 QB_{96} 5 24.1 166°.12 4°.2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 35.19	−30 37.6	1.612	2.458	15.7	19.1
5 1	16 28.66	−31 3.3	1.541	2.461	12.1	18.9
5 11	16 19.29	−31 15.9	1.491	2.463	8.2	18.7
5 21	16 8.07	−31 12.7	1.466	2.465	4.7	18.5
5 31	15 56.37	−30 53.6	1.466	2.467	4.9	18.5
6 10	15 45.69	−30 22.0	1.493	2.468	8.4	18.7
6 20	15 37.22	−29 43.9	1.544	2.469	12.4	18.9
6 30	15 31.74	−29 5.5	1.616	2.470	15.9	19.2

396556 1999 TK_{21} 5 24.1 284°.85 14°.9/23.7 17

4 21	16 45.95	−40 39.3	1.114	1.943	22.3	20.7
5 1	16 39.76	−43 43.2	1.040	1.929	19.3	20.5
5 11	16 27.79	−46 35.1	0.985	1.914	16.6	20.3
5 21	16 10.56	−48 56.4	0.950	1.900	15.0	20.1
5 31	15 50.24	−50 29.9	0.937	1.885	15.5	20.1
6 10	15 30.45	−51 9.9	0.944	1.871	17.9	20.2
6 20	15 14.66	−51 4.3	0.969	1.857	21.2	20.3
6 30	15 5.17	−50 29.5	1.008	1.843	24.6	20.5

308015 2004 RY_{210} 5 24.1 272°.78 5°.8/27.6 18

4 21	16 30.01	−39 59.5	2.451	3.249	12.4	20.1
5 1	16 24.27	−40 14.6	2.363	3.241	10.2	20.0
5 11	16 16.48	−40 14.3	2.296	3.233	8.0	19.8
5 21	16 7.37	−39 56.4	2.254	3.224	6.2	19.7
5 31	15 57.91	−39 20.7	2.240	3.216	5.9	19.7
6 10	15 49.14	−38 29.9	2.251	3.207	7.3	19.7
6 20	15 41.93	−37 28.6	2.289	3.198	9.6	19.9
6 30	15 36.91	−36 22.5	2.350	3.190	12.0	20.0

36492 2000 QW_{46} 5 24.1 198°.66 1°.9/25.1 18

4 21	16 31.73	−27 18.5	2.289	3.129	11.8	19.6
5 1	16 25.37	−27 20.6	2.204	3.126	8.9	19.4
5 11	16 17.07	−27 14.1	2.144	3.122	5.6	19.2
5 21	16 7.51	−26 58.5	2.111	3.117	2.5	19.0
5 31	15 57.62	−26 34.7	2.107	3.112	3.0	19.0
6 10	15 48.38	−26 5.4	2.131	3.106	6.3	19.2
6 20	15 40.59	−25 34.1	2.181	3.100	9.6	19.4
6 30	15 34.87	−25 4.6	2.255	3.093	12.5	19.6

262675 2006 WV_{146} 5 24.1 325°.52 0°.1/24.1 18

4 21	16 28.68	−20 5.0	2.116	2.977	11.9	20.3
5 1	16 23.20	−20 18.9	2.038	2.974	8.7	20.1
5 11	16 15.83	−20 30.2	1.984	2.971	5.1	19.9
5 21	16 7.22	−20 39.0	1.957	2.968	1.2	19.6
5 31	15 58.25	−20 45.8	1.958	2.965	2.7	19.7
6 10	15 49.89	−20 52.0	1.986	2.963	6.6	19.9
6 20	15 42.92	−20 59.5	2.040	2.960	10.1	20.2
6 30	15 37.97	−21 10.0	2.117	2.958	13.1	20.3

429655 2011 GS_{31} 5 24.1 73°.42 7°.2/26.6 17

4 21	16 35.40	−37 33.3	1.794	2.613	15.5	20.7
5 1	16 28.92	−38 38.3	1.723	2.616	12.6	20.5
5 11	16 19.54	−39 27.6	1.673	2.618	9.8	20.3
5 21	16 8.16	−39 56.2	1.647	2.621	7.6	20.2
5 31	15 56.18	−40 1.7	1.647	2.624	7.5	20.2
6 10	15 45.12	−39 46.0	1.672	2.627	9.4	20.3
6 20	15 36.24	−39 14.5	1.721	2.630	12.2	20.5
6 30	15 30.40	−38 34.6	1.790	2.633	15.1	20.7

37847 1998 DH_9 5 24.1 37°.42 9°.9/20.1 18

4 21	16 27.70	+ 2 6.7	1.601	2.456	15.3	18.4
5 1	16 22.63	+ 3 11.4	1.552	2.461	12.7	18.3
5 11	16 15.49	+ 4 0.5	1.524	2.467	10.7	18.1
5 21	16 7.12	+ 4 27.9	1.519	2.474	9.9	18.1
5 31	15 58.56	+ 4 29.6	1.537	2.480	10.9	18.2
6 10	15 50.87	+ 4 5.0	1.578	2.487	13.1	18.3
6 20	15 44.88	+ 3 16.6	1.640	2.494	15.6	18.5
6 30	15 41.14	+ 2 8.5	1.720	2.501	18.0	18.7

181742 1995 WL_{15} 5 24.1 210°.22 0°.4/23.9 18

4 21	16 27.05	−20 38.0	2.644	3.497	10.0	21.7
5 1	16 21.65	−20 17.1	2.560	3.492	7.3	21.5
5 11	16 14.76	−19 52.1	2.501	3.487	4.3	21.3
5 21	16 6.95	−19 24.2	2.470	3.481	1.1	21.0
5 31	15 58.90	−18 55.1	2.469	3.475	2.4	21.1
6 10	15 51.36	−18 27.3	2.496	3.468	5.7	21.3
6 20	15 44.94	−18 3.0	2.550	3.462	8.6	21.5
6 30	15 40.12	−17 44.5	2.627	3.454	11.3	21.7

186970 2004 RR_{176} 5 24.1 278°.93 1°.6/25.1 18

4 21	16 26.93	−27 30.0	2.368	3.215	11.3	19.9
5 1	16 21.77	−27 12.6	2.287	3.212	8.4	19.7
5 11	16 14.90	−26 46.1	2.230	3.210	5.3	19.5
5 21	16 6.99	−26 11.0	2.200	3.207	2.2	19.3
5 31	15 58.84	−25 29.2	2.198	3.205	2.7	19.3
6 10	15 51.32	−24 43.8	2.225	3.202	5.9	19.5
6 20	15 45.12	−23 58.6	2.277	3.200	9.0	19.7
6 30	15 40.77	−23 17.1	2.353	3.197	11.8	19.9

173575 2001 BS_{50} 5 24.1 145°.58 3°.8/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.34	−12 38.7	1.660	2.529	14.2	20.2
5 1	16 25.34	−12 7.3	1.596	2.534	10.5	20.0
5 11	16 17.13	−11 37.7	1.556	2.539	6.6	19.8
5 21	16 7.54	−11 13.0	1.540	2.544	3.9	19.6
5 31	15 57.68	−10 56.3	1.552	2.548	5.4	19.7
6 10	15 48.71	−10 50.4	1.589	2.552	9.2	20.0
6 20	15 41.52	−10 56.4	1.650	2.556	12.9	20.2
6 30	15 36.74	−11 14.6	1.732	2.559	16.1	20.4

244236 2002 CC_{74} 5 24.1 327°.53 4°.2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.65	−12 42.6	1.262	2.148	16.6	19.8
5 1	16 24.85	−12 20.0	1.194	2.141	12.4	19.5
5 11	16 17.19	−12 0.4	1.147	2.134	7.8	19.2
5 21	16 7.62	−11 47.1	1.123	2.128	4.4	19.0
5 31	15 57.48	−11 43.7	1.122	2.122	6.2	19.1
6 10	15 48.30	−11 53.0	1.145	2.117	10.9	19.3
6 20	15 41.28	−12 16.0	1.189	2.112	15.5	19.5
6 30	15 37.25	−12 52.4	1.252	2.108	19.5	19.8

471828 2012 XG_{46} 5 24.1 241°.33 0°.9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.56	−18 51.0	2.177	3.037	11.6	21.8
5 1	16 23.07	−18 38.9	2.093	3.028	8.5	21.6
5 11	16 15.75	−18 23.7	2.033	3.020	5.0	21.4
5 21	16 7.23	−18 6.7	2.001	3.011	1.4	21.1
5 31	15 58.37	−17 49.6	1.996	3.002	3.0	21.2
6 10	15 50.07	−17 34.8	2.020	2.993	6.7	21.4
6 20	15 43.12	−17 24.5	2.069	2.983	10.2	21.6
6 30	15 38.12	−17 20.8	2.140	2.974	13.2	21.8

269409 2009 RQ_{52} 5 24.1 10°.18 2°.2/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.44	−17 12.7	1.457	2.338	15.1	20.4
5 1	16 23.57	−16 47.1	1.393	2.338	11.1	20.2
5 11	16 16.25	−16 19.0	1.350	2.340	6.6	19.9
5 21	16 7.36	−15 50.8	1.332	2.341	2.5	19.6
5 31	15 58.13	−15 26.2	1.339	2.343	4.5	19.8
6 10	15 49.84	−15 8.7	1.371	2.346	9.0	20.0
6 20	15 43.49	−15 1.0	1.425	2.349	13.3	20.3
6 30	15 39.76	−15 4.7	1.499	2.352	16.9	20.5

219562 2001 SO_{28} 5 24.1 214°.02 0°.2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.50	−22 6.5	2.173	3.025	11.9	22.1
5 1	16 25.27	−21 59.4	2.087	3.018	8.8	21.9
5 11	16 17.06	−21 46.8	2.025	3.009	5.2	21.7
5 21	16 7.56	−21 29.2	1.990	3.001	1.3	21.4
5 31	15 57.67	−21 8.0	1.984	2.991	2.7	21.5
6 10	15 48.40	−20 45.8	2.006	2.981	6.6	21.7
6 20	15 40.57	−20 25.6	2.054	2.970	10.2	21.9
6 30	15 34.81	−20 10.3	2.125	2.959	13.3	22.1

150296 1999 TR_{200} 5 24.1 263°.18 4°.4/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.83	− 7 57.0	2.583	3.438	10.2	20.4
5 1	16 20.82	− 7 8.8	2.492	3.418	7.8	20.2
5 11	16 14.33	− 6 23.4	2.426	3.397	5.6	20.0
5 21	16 6.88	− 5 43.8	2.388	3.376	4.4	19.9
5 31	15 59.13	− 5 13.2	2.378	3.354	5.5	20.0
6 10	15 51.78	− 4 53.8	2.395	3.333	7.9	20.1
6 20	15 45.44	− 4 47.1	2.437	3.310	10.5	20.2
6 30	15 40.63	− 4 53.1	2.501	3.288	12.9	20.3

223218 2003 CK_{7} 5 24.1 81°.53 0°.7/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.66	−19 39.1	1.636	2.504	14.4	20.3
5 1	16 25.60	−19 32.2	1.580	2.519	10.5	20.1
5 11	16 17.27	−19 21.3	1.546	2.534	6.1	19.8
5 21	16 7.59	−19 7.6	1.538	2.549	1.5	19.6
5 31	15 57.73	−18 53.2	1.557	2.564	3.4	19.7
6 10	15 48.87	−18 41.0	1.602	2.579	7.8	20.0
6 20	15 41.91	−18 33.6	1.672	2.594	11.8	20.3
6 30	15 37.45	−18 33.2	1.762	2.609	15.1	20.5

52160 4229 $T\text{-}_{1}$ 5 24.1 356°.03 5°.3/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.60	−12 45.0	1.091	1.991	17.4	18.5
5 1	16 21.33	−11 52.7	1.032	1.986	13.0	18.2
5 11	16 15.17	−11 1.7	0.993	1.982	8.4	18.0
5 21	16 7.14	−10 18.1	0.976	1.979	5.4	17.8
5 31	15 58.65	− 9 48.2	0.980	1.978	7.4	17.9
6 10	15 51.23	− 9 36.6	1.006	1.978	12.0	18.1
6 20	15 46.07	− 9 44.8	1.052	1.979	16.5	18.4
6 30	15 43.94	−10 12.0	1.114	1.982	20.5	18.6

140723 2001 UY_{93} 5 24.1 221°.88 4°.7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.37	− 7 14.2	2.392	3.248	10.8	20.3
5 1	16 21.21	− 6 33.3	2.317	3.243	8.3	20.2
5 11	16 14.55	− 5 56.6	2.267	3.238	5.9	20.0
5 21	16 6.93	− 5 27.5	2.244	3.232	4.7	19.9
5 31	15 59.09	− 5 8.6	2.249	3.226	5.8	20.0
6 10	15 51.76	− 5 1.8	2.281	3.220	8.1	20.1
6 20	15 45.57	− 5 7.8	2.337	3.214	10.7	20.3
6 30	15 41.03	− 5 26.2	2.415	3.208	13.1	20.4

387157 2012 TS_{240} 5 24.1 291°.24 0°.8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.72	−19 16.7	1.895	2.761	12.8	21.1
5 1	16 23.40	−19 8.1	1.819	2.758	9.4	20.9
5 11	16 16.02	−18 56.3	1.766	2.754	5.5	20.7
5 21	16 7.32	−18 42.1	1.739	2.750	1.4	20.4
5 31	15 58.26	−18 27.5	1.740	2.746	3.2	20.5
6 10	15 49.89	−18 15.1	1.767	2.743	7.3	20.8
6 20	15 43.07	−18 7.4	1.819	2.739	11.1	21.0
6 30	15 38.44	−18 6.3	1.893	2.736	14.3	21.2

328911 2010 UZ_{9} 5 24.1 182°.31 0°.3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.08	−21 12.6	1.958	2.815	12.8	22.2
5 1	16 25.76	−20 55.0	1.882	2.816	9.4	21.9
5 11	16 17.35	−20 31.8	1.830	2.816	5.5	21.7
5 21	16 7.63	−20 4.0	1.805	2.816	1.3	21.4
5 31	15 57.61	−19 34.0	1.808	2.815	3.0	21.5
6 10	15 48.35	−19 4.9	1.839	2.813	7.2	21.8
6 20	15 40.71	−18 40.0	1.895	2.811	10.9	22.0
6 30	15 35.32	−18 22.4	1.974	2.809	14.1	22.2

85238 1993 OU_{1} 5 24.1 233°.19 2°.0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.03	−14 40.5	2.848	3.703	9.3	20.5
5 1	16 20.83	−14 14.2	2.758	3.691	6.9	20.4
5 11	16 14.29	−13 47.3	2.695	3.679	4.2	20.2
5 21	16 6.88	−13 21.6	2.660	3.666	2.1	20.0
5 31	15 59.23	−12 58.9	2.655	3.653	3.3	20.1
6 10	15 51.98	−12 41.3	2.677	3.639	6.0	20.2
6 20	15 45.71	−12 30.3	2.727	3.625	8.7	20.4
6 30	15 40.86	−12 27.0	2.800	3.611	11.1	20.5

5520 Natori 5 24.1 265°.39 3°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.99	−31 49.2	2.259	3.093	12.2	17.2
5 1	16 23.52	−31 46.5	2.169	3.083	9.4	17.0
5 11	16 16.07	−31 31.8	2.103	3.072	6.4	16.7
5 21	16 7.34	−31 4.4	2.063	3.061	3.8	16.6
5 31	15 58.25	−30 25.0	2.050	3.050	3.8	16.5
6 10	15 49.80	−29 37.0	2.065	3.040	6.5	16.7
6 20	15 42.83	−28 44.8	2.106	3.029	9.7	16.9
6 30	15 37.96	−27 53.1	2.170	3.017	12.6	17.0

498786 2008 UC_{164} 5 24.1 122°.99 4°.1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.03	−32 24.6	2.243	3.067	12.6	21.7
5 1	16 27.14	−33 1.4	2.175	3.080	9.8	21.6
5 11	16 18.15	−33 27.2	2.131	3.093	6.9	21.4
5 21	16 7.84	−33 39.6	2.114	3.106	4.5	21.3
5 31	15 57.24	−33 38.3	2.124	3.118	4.5	21.3
6 10	15 47.41	−33 25.3	2.163	3.129	6.8	21.5
6 20	15 39.24	−33 4.2	2.227	3.141	9.7	21.7
6 30	15 33.34	−32 39.7	2.315	3.151	12.3	21.9

501256 2013 WA 5 24.1 203°.34 10°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.41	−56 53.3	2.739	3.408	14.1	22.2
5 1	16 38.05	−58 6.9	2.654	3.402	12.9	22.0
5 11	16 25.13	−58 59.8	2.588	3.396	11.8	21.9
5 21	16 9.64	−59 25.5	2.544	3.388	10.9	21.9
5 31	15 53.21	−59 20.3	2.523	3.380	10.7	21.8
6 10	15 37.77	−58 45.0	2.526	3.371	11.1	21.8
6 20	15 24.91	−57 44.9	2.550	3.361	12.0	21.9
6 30	15 15.66	−56 27.9	2.596	3.350	13.3	22.0

38231 1999 NF_{54} 5 24.1 228°.77 1°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.38	−26 23.0	2.529	3.375	10.7	18.9
5 1	16 22.01	−25 52.1	2.443	3.369	7.9	18.7
5 11	16 15.03	−25 12.6	2.381	3.362	4.8	18.5
5 21	16 7.07	−24 25.3	2.346	3.355	1.7	18.3
5 31	15 58.90	−23 32.6	2.341	3.348	2.4	18.3
6 10	15 51.29	−22 37.9	2.365	3.341	5.7	18.5
6 20	15 44.93	−21 44.8	2.415	3.334	8.8	18.7
6 30	15 40.31	−20 56.9	2.489	3.326	11.5	18.9

503770 2016 QB_{29} 5 24.1 172°.26 2°.1/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.12	−14 10.4	2.507	3.364	10.4	21.4
5 1	16 22.45	−13 59.3	2.433	3.366	7.6	21.2
5 11	16 15.25	−13 48.9	2.384	3.368	4.7	21.0
5 21	16 7.13	−13 40.4	2.363	3.369	2.2	20.9
5 31	15 58.78	−13 35.6	2.371	3.371	3.4	20.9
6 10	15 50.97	−13 35.7	2.407	3.371	6.4	21.1
6 20	15 44.33	−13 41.9	2.469	3.372	9.3	21.3
6 30	15 39.33	−13 54.9	2.555	3.372	11.8	21.5

392173 2009 KP_{6} 5 24.1 343°.91 9°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.06	+ 3 7.9	1.992	2.838	13.1	20.3
5 1	16 19.75	+ 4 56.3	1.935	2.834	11.2	20.2
5 11	16 13.78	+ 6 32.8	1.902	2.830	9.9	20.1
5 21	16 6.78	+ 7 50.6	1.894	2.826	9.8	20.1
5 31	15 59.56	+ 8 44.4	1.910	2.823	10.9	20.1
6 10	15 52.96	+ 9 11.7	1.948	2.820	12.7	20.3
6 20	15 47.66	+ 9 12.9	2.007	2.818	14.8	20.4
6 30	15 44.19	+ 8 50.4	2.083	2.816	16.7	20.5

427645 2003 WA_{24} 5 24.1 184°.06 2°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.93	−15 24.5	2.070	2.933	12.0	20.9
5 1	16 23.33	−15 11.4	1.996	2.933	8.8	20.7
5 11	16 15.90	−14 58.2	1.947	2.933	5.3	20.5
5 21	16 7.30	−14 46.4	1.925	2.932	2.3	20.3
5 31	15 58.43	−14 37.8	1.930	2.932	3.7	20.4
6 10	15 50.20	−14 34.6	1.963	2.932	7.3	20.6
6 20	15 43.38	−14 38.1	2.021	2.931	10.7	20.8
6 30	15 38.54	−14 49.4	2.101	2.930	13.6	21.0

193720 2001 FE_{107} 5 24.2 311°.45 0°.5/23.9 17

4 21	16 29.18	−19 45.1	1.829	2.695	13.2	19.9
5 1	16 23.83	−19 43.1	1.753	2.692	9.7	19.7
5 11	16 16.33	−19 37.6	1.701	2.688	5.7	19.5
5 21	16 7.44	−19 29.4	1.674	2.685	1.4	19.2
5 31	15 58.17	−19 20.0	1.674	2.681	3.2	19.3
6 10	15 49.60	−19 11.9	1.701	2.678	7.4	19.5
6 20	15 42.66	−19 7.4	1.753	2.675	11.3	19.8
6 30	15 37.99	−19 8.9	1.826	2.672	14.7	20.0

338353 2002 XE_{24} 5 24.2 124°.36 0°.9/23.7 17

4 21	16 29.04	−18 15.9	2.470	3.324	10.6	21.4
5 1	16 23.09	−18 9.6	2.405	3.338	7.7	21.3
5 11	16 15.61	−18 1.4	2.365	3.351	4.5	21.1
5 21	16 7.23	−17 52.2	2.353	3.363	1.3	20.9
5 31	15 58.69	−17 43.2	2.370	3.375	2.7	21.0
6 10	15 50.77	−17 36.3	2.416	3.387	5.9	21.2
6 20	15 44.10	−17 32.9	2.488	3.399	8.9	21.4
6 30	15 39.16	−17 34.6	2.584	3.410	11.5	21.6

475052 2005 UD_{98} 5 24.2 283°.77 0°.1/24.1 17

4 21	16 28.19	−20 5.9	2.293	3.150	11.2	21.2
5 1	16 22.77	−20 15.9	2.210	3.144	8.2	21.0
5 11	16 15.59	−20 23.3	2.152	3.138	4.8	20.8
5 21	16 7.25	−20 28.3	2.121	3.132	1.2	20.5
5 31	15 58.57	−20 31.6	2.119	3.126	2.6	20.6
6 10	15 50.41	−20 34.5	2.144	3.120	6.2	20.8
6 20	15 43.53	−20 38.9	2.196	3.114	9.5	21.0
6 30	15 38.51	−20 46.5	2.270	3.108	12.4	21.2

261066 2005 SM_{191} 5 24.2 184°.41 1°.9/23.0 18

4 21	16 26.31	−14 39.9	2.933	3.787	9.1	21.4
5 1	16 20.96	−14 21.9	2.855	3.787	6.7	21.3
5 11	16 14.33	−14 3.7	2.803	3.786	4.1	21.1
5 21	16 6.92	−13 46.9	2.779	3.785	2.0	20.9
5 31	15 59.33	−13 33.1	2.785	3.784	3.1	21.0
6 10	15 52.18	−13 23.7	2.820	3.783	5.7	21.2
6 20	15 46.01	−13 20.1	2.881	3.781	8.2	21.4
6 30	15 41.23	−13 22.9	2.967	3.778	10.5	21.5

161636 2006 AR_{50} 5 24.2 353°.42 2°.5/25.1 17

4 21	16 25.83	−27 3.5	0.980	1.875	19.4	19.2
5 1	16 22.86	−26 54.9	0.918	1.869	14.7	18.9
5 11	16 16.38	−26 29.5	0.875	1.864	9.2	18.6
5 21	16 7.52	−25 47.5	0.851	1.860	3.6	18.2
5 31	15 58.04	−24 52.3	0.849	1.858	4.6	18.3
6 10	15 49.88	−23 51.9	0.867	1.857	10.3	18.6
6 20	15 44.48	−22 54.9	0.906	1.857	15.9	18.9
6 30	15 42.71	−22 8.8	0.961	1.859	20.6	19.2

208757 2002 PR_{43} 5 24.2 193°.50 16°.4/14.4 18

4 21	16 32.35	+ 9 9.9	1.254	2.095	19.5	19.6
5 1	16 26.61	+11 56.9	1.213	2.095	17.6	19.4
5 11	16 18.11	+14 19.9	1.191	2.093	16.5	19.4
5 21	16 7.88	+16 5.7	1.189	2.091	16.7	19.4
5 31	15 57.32	+17 5.0	1.207	2.089	18.1	19.4
6 10	15 47.87	+17 15.9	1.243	2.086	20.3	19.6
6 20	15 40.62	+16 42.7	1.295	2.082	22.6	19.7
6 30	15 36.31	+15 33.1	1.359	2.078	24.7	19.9

382977 2005 AY_{70} 5 24.2 178°.63 1°.9/23.3 18

4 21	16 29.32	−15 42.2	2.238	3.097	11.4	21.6
5 1	16 23.50	−15 26.7	2.164	3.098	8.3	21.4
5 11	16 15.96	−15 10.5	2.114	3.099	5.0	21.2
5 21	16 7.35	−14 55.3	2.092	3.099	2.1	21.0
5 31	15 58.48	−14 42.9	2.098	3.100	3.5	21.1
6 10	15 50.22	−14 35.3	2.132	3.099	6.9	21.3
6 20	15 43.29	−14 34.0	2.191	3.098	10.1	21.5
6 30	15 38.22	−14 40.3	2.274	3.097	12.9	21.7

373245 2012 GR_{9} 5 24.2 290°.78 4°.5/25.6 18

4 21	16 32.35	−30 25.1	1.550	2.404	15.8	20.5
5 1	16 26.95	−30 57.4	1.465	2.389	12.3	20.3
5 11	16 18.58	−31 17.6	1.401	2.375	8.4	20.0
5 21	16 8.08	−31 22.4	1.360	2.360	5.0	19.8
5 31	15 56.80	−31 10.7	1.345	2.346	5.2	19.7
6 10	15 46.30	−30 45.1	1.355	2.332	8.9	19.9
6 20	15 37.93	−30 11.2	1.388	2.317	13.1	20.1
6 30	15 32.64	−29 35.6	1.441	2.304	17.0	20.3

482105 2010 MS_{74} 5 24.2 253°.91 5°.5/26.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.43	−38 37.5	2.608	3.406	11.8	21.8
5 1	16 25.35	−39 14.3	2.515	3.394	9.7	21.6
5 11	16 17.22	−39 38.3	2.445	3.382	7.5	21.4
5 21	16 7.69	−39 47.0	2.400	3.369	5.9	21.3
5 31	15 57.68	−39 39.2	2.382	3.356	5.7	21.3
6 10	15 48.20	−39 16.4	2.392	3.343	7.2	21.3
6 20	15 40.15	−38 42.1	2.428	3.330	9.4	21.5
6 30	15 34.19	−38 1.0	2.486	3.317	11.7	21.6

270442 2002 CD_{125} 5 24.2 124°.92 3°.2/22.6 17

4 21	16 30.05	−13 10.2	2.112	2.972	11.9	21.1
5 1	16 23.94	−12 31.4	2.053	2.987	8.8	20.9
5 11	16 16.14	−11 53.5	2.020	3.002	5.5	20.8
5 21	16 7.37	−11 19.2	2.013	3.016	3.2	20.6
5 31	15 58.49	−10 51.3	2.035	3.030	4.5	20.7
6 10	15 50.37	−10 32.5	2.084	3.043	7.6	21.0
6 20	15 43.69	−10 24.0	2.159	3.056	10.7	21.2
6 30	15 38.93	−10 26.4	2.256	3.068	13.4	21.4

205828 2002 CU_{303} 5 24.2 169°.47 1°.1/23.7 16

4 21	16 33.10	−19 27.8	1.719	2.582	14.0	21.6
5 1	16 26.72	−19 6.4	1.649	2.586	10.3	21.4
5 11	16 18.02	−18 40.3	1.602	2.589	6.0	21.2
5 21	16 7.87	−18 11.2	1.581	2.592	1.7	20.9
5 31	15 57.41	−17 41.8	1.588	2.594	3.6	21.0
6 10	15 47.83	−17 15.7	1.621	2.595	8.0	21.3
6 20	15 40.09	−16 56.1	1.679	2.596	12.1	21.5
6 30	15 34.84	−16 45.7	1.758	2.596	15.5	21.7

126648 2002 CV_{193} 5 24.2 88°.25 1°.0/24.7 18

4 21	16 28.05	−24 16.9	2.287	3.139	11.4	20.2
5 1	16 22.64	−24 19.0	2.213	3.143	8.4	20.0
5 11	16 15.48	−24 15.1	2.164	3.147	5.1	19.8
5 21	16 7.24	−24 5.2	2.142	3.151	1.7	19.6
5 31	15 58.75	−23 50.5	2.147	3.155	2.6	19.6
6 10	15 50.90	−23 33.1	2.181	3.158	6.0	19.9
6 20	15 44.39	−23 15.9	2.240	3.162	9.2	20.1
6 30	15 39.77	−23 1.4	2.323	3.166	12.0	20.3

499365 2009 YL_{20} 5 24.2 148°.88 5°.8/27.4 17

4 21	16 33.77	−38 35.7	2.132	2.939	13.8	21.7
5 1	16 27.16	−38 49.3	2.058	2.945	11.2	21.5
5 11	16 18.25	−38 46.0	2.006	2.950	8.4	21.3
5 21	16 7.93	−38 23.5	1.978	2.955	6.3	21.2
5 31	15 57.33	−37 42.1	1.978	2.960	5.9	21.2
6 10	15 47.66	−36 45.5	2.004	2.965	7.7	21.3
6 20	15 39.87	−35 39.5	2.056	2.969	10.3	21.5
6 30	15 34.57	−34 30.7	2.130	2.973	13.0	21.7

513734 2012 TS_{324} 5 24.2 42°.83 1°.7/25.6 18

4 21	16 22.23	−29 26.8	4.302	5.129	7.0	21.0
5 1	16 17.80	−29 38.6	4.219	5.130	5.3	20.9
5 11	16 12.43	−29 45.2	4.162	5.131	3.5	20.8
5 21	16 6.48	−29 46.6	4.133	5.133	2.0	20.7
5 31	16 0.39	−29 42.9	4.134	5.134	2.1	20.7
6 10	15 54.59	−29 35.3	4.164	5.135	3.7	20.8
6 20	15 49.47	−29 24.9	4.221	5.136	5.4	20.9
6 30	15 45.36	−29 13.4	4.304	5.137	7.1	21.0

435 Ella 5 24.2 263°.14 0°.8/24.5 18

4 21	16 31.49	−23 21.8	1.736	2.597	14.0	14.3
5 1	16 25.84	−23 19.6	1.647	2.582	10.5	14.0
5 11	16 17.70	−23 10.1	1.581	2.567	6.3	13.8
5 21	16 7.85	−22 53.4	1.541	2.551	1.8	13.4
5 31	15 57.40	−22 30.7	1.527	2.535	3.2	13.5
6 10	15 47.63	−22 5.3	1.540	2.519	7.9	13.7
6 20	15 39.61	−21 41.1	1.577	2.502	12.2	13.9
6 30	15 34.17	−21 22.4	1.636	2.486	15.9	14.1

514335 2016 PX_{73} 5 24.2 233°.58 3°.6/26.1 18

4 21	16 29.67	−32 57.3	2.589	3.412	11.1	21.7
5 1	16 23.87	−33 13.1	2.499	3.403	8.7	21.5
5 11	16 16.25	−33 18.5	2.433	3.395	6.1	21.4
5 21	16 7.45	−33 12.1	2.393	3.386	4.0	21.2
5 31	15 58.29	−32 54.0	2.382	3.377	4.0	21.2
6 10	15 49.68	−32 26.2	2.399	3.367	6.1	21.3
6 20	15 42.38	−31 52.1	2.442	3.358	8.8	21.5
6 30	15 36.97	−31 15.6	2.509	3.348	11.4	21.6

177256 2003 WA_{30} 5 24.2 277°.23 2°.7/25.2 17

4 21	16 31.78	−28 15.5	1.543	2.402	15.6	20.5
5 1	16 26.42	−28 10.1	1.455	2.385	11.9	20.2
5 11	16 18.21	−27 51.3	1.387	2.368	7.6	19.9
5 21	16 7.99	−27 18.0	1.344	2.350	3.4	19.6
5 31	15 57.09	−26 31.5	1.326	2.333	4.0	19.6
6 10	15 46.99	−25 36.8	1.334	2.315	8.6	19.8
6 20	15 38.97	−24 40.4	1.365	2.297	13.2	20.1
6 30	15 33.89	−23 49.0	1.417	2.279	17.3	20.3

19144 1989 UP_1 5 24.2 229°.96 1°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.28	−17 37.4	1.848	2.708	13.3	17.8
5 1	16 26.93	−17 31.7	1.761	2.697	9.9	17.5
5 11	16 18.25	−17 24.0	1.698	2.685	5.9	17.3
5 21	16 7.98	−17 15.2	1.662	2.672	1.8	17.0
5 31	15 57.18	−17 7.0	1.653	2.658	3.6	17.1
6 10	15 47.03	−17 1.7	1.671	2.644	8.0	17.3
6 20	15 38.51	−17 1.6	1.715	2.629	12.0	17.5
6 30	15 32.38	−17 8.8	1.780	2.613	15.5	17.7

158072 2000 UP_{38} 5 24.2 256°.99 0°.1/24.2 18

4 21	16 29.93	−22 36.2	1.959	2.818	12.7	20.6
5 1	16 24.39	−22 15.9	1.869	2.803	9.4	20.3
5 11	16 16.71	−21 48.4	1.802	2.788	5.6	20.1
5 21	16 7.60	−21 14.7	1.762	2.773	1.4	19.7
5 31	15 58.03	−20 36.9	1.749	2.757	3.0	19.8
6 10	15 49.09	−19 58.8	1.764	2.741	7.2	20.1
6 20	15 41.69	−19 24.3	1.804	2.724	11.1	20.2
6 30	15 36.52	−18 56.9	1.866	2.708	14.6	20.4

155121 2005 TE_{68} 5 24.2 167°.87 1°.3/23.2 18

4 21	16 25.93	−15 35.7	3.670	4.516	7.6	22.5
5 1	16 20.45	−15 21.8	3.593	4.522	5.6	22.4
5 11	16 13.96	−15 7.5	3.544	4.527	3.3	22.3
5 21	16 6.87	−14 53.7	3.524	4.531	1.4	22.1
5 31	15 59.65	−14 41.6	3.535	4.535	2.4	22.2
6 10	15 52.81	−14 32.4	3.575	4.539	4.6	22.3
6 20	15 46.75	−14 27.1	3.644	4.541	6.7	22.5
6 30	15 41.83	−14 26.5	3.738	4.543	8.6	22.6

420108 2011 FQ_5 5 24.2 77°.35 0°.2/24.1 18

4 21	16 34.40	−20 18.9	1.742	2.602	14.0	21.6
5 1	16 27.35	−20 22.4	1.698	2.633	10.2	21.4
5 11	16 18.20	−20 21.8	1.678	2.664	5.9	21.2
5 21	16 7.90	−20 17.5	1.684	2.694	1.4	21.0
5 31	15 57.58	−20 10.9	1.717	2.724	3.1	21.2
6 10	15 48.36	−20 4.6	1.778	2.754	7.2	21.5
6 20	15 41.06	−20 0.9	1.864	2.783	10.9	21.8
6 30	15 36.18	−20 2.2	1.972	2.812	14.0	22.0

469426 2002 AO_{105} 5 24.2 196°.52 5°.9/20.5 18

4 21	16 26.75	+ 1 10.9	3.025	3.852	9.6	22.2
5 1	16 21.22	+ 1 43.7	2.954	3.849	7.9	22.0
5 11	16 14.48	+ 2 8.0	2.907	3.845	6.4	21.9
5 21	16 7.01	+ 2 21.3	2.888	3.841	5.9	21.9
5 31	15 59.36	+ 2 21.6	2.896	3.836	6.6	21.9
6 10	15 52.14	+ 2 8.2	2.932	3.831	8.1	22.0
6 20	15 45.82	+ 1 41.5	2.992	3.825	9.9	22.1
6 30	15 40.84	+ 1 2.7	3.074	3.818	11.6	22.3

59083 1998 VZ_{25} 5 24.2 248°.27 0°.8/24.5 18

4 21	16 32.24	−23 25.6	1.888	2.744	13.3	19.6
5 1	16 26.24	−23 24.6	1.797	2.729	9.9	19.4
5 11	16 17.88	−23 16.7	1.728	2.713	6.0	19.1
5 21	16 7.91	−23 1.9	1.686	2.696	1.8	18.8
5 31	15 57.37	−22 41.2	1.671	2.679	3.1	18.9
6 10	15 47.45	−22 17.7	1.684	2.661	7.4	19.1
6 20	15 39.17	−21 54.8	1.722	2.643	11.5	19.3
6 30	15 33.30	−21 36.5	1.782	2.625	15.1	19.5

277593 2006 AM_{17} 5 24.2 177°.64 0°.4/23.9 17

4 21	16 30.29	−20 44.0	2.022	2.881	12.4	21.7
5 1	16 24.43	−20 27.6	1.948	2.883	9.1	21.5
5 11	16 16.61	−20 6.4	1.897	2.883	5.3	21.2
5 21	16 7.55	−19 41.4	1.873	2.884	1.3	20.9
5 31	15 58.22	−19 14.8	1.877	2.884	2.9	21.1
6 10	15 49.60	−18 49.6	1.909	2.884	6.9	21.3
6 20	15 42.51	−18 28.8	1.966	2.883	10.5	21.5
6 30	15 37.54	−18 14.7	2.046	2.883	13.6	21.7

426330 2012 UG_{167} 5 24.2 283°.59 1°.6/23.6 17

4 21	16 29.15	−16 53.7	1.893	2.759	12.8	20.5
5 1	16 23.84	−16 48.2	1.808	2.746	9.4	20.3
5 11	16 16.40	−16 41.6	1.746	2.733	5.6	20.0
5 21	16 7.54	−16 35.1	1.711	2.720	1.9	19.8
5 31	15 58.20	−16 30.4	1.703	2.708	3.6	19.9
6 10	15 49.46	−16 29.6	1.721	2.695	7.7	20.1
6 20	15 42.22	−16 34.6	1.765	2.682	11.5	20.3
6 30	15 37.18	−16 46.8	1.829	2.669	14.9	20.5

389249 2009 FA_{38} 5 24.2 140°.89 4°.2/21.7 17

4 21	16 26.88	− 8 42.1	2.471	3.326	10.5	21.6
5 1	16 21.50	− 7 58.4	2.407	3.335	8.0	21.5
5 11	16 14.70	− 7 18.2	2.370	3.343	5.5	21.3
5 21	16 7.07	− 6 44.4	2.359	3.350	4.2	21.3
5 31	15 59.31	− 6 19.7	2.377	3.357	5.2	21.3
6 10	15 52.12	− 6 6.0	2.422	3.364	7.6	21.5
6 20	15 46.08	− 6 4.0	2.492	3.371	10.1	21.7
6 30	15 41.63	− 6 13.5	2.584	3.377	12.4	21.8

279734 1995 VC_{10} 5 24.2 164°.24 0°.6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.46	−20 31.4	1.946	2.808	12.7	21.4
5 1	16 23.87	−20 10.4	1.873	2.810	9.3	21.2
5 11	16 16.30	−19 44.4	1.824	2.811	5.4	21.0
5 21	16 7.49	−19 14.8	1.802	2.813	1.4	20.7
5 31	15 58.40	−18 44.3	1.807	2.814	3.1	20.8
6 10	15 50.06	−18 15.8	1.840	2.815	7.1	21.1
6 20	15 43.28	−17 52.7	1.897	2.816	10.8	21.3
6 30	15 38.65	−17 37.2	1.977	2.816	14.0	21.5

373487 2000 VB_3 5 24.2 149°.58 1°.2/23.5 17

4 21	16 29.95	−18 54.9	2.390	3.244	10.9	21.9
5 1	16 23.79	−18 20.2	2.322	3.254	8.0	21.8
5 11	16 16.06	−17 41.9	2.278	3.264	4.7	21.6
5 21	16 7.40	−17 1.9	2.263	3.273	1.5	21.3
5 31	15 58.61	−16 22.9	2.278	3.282	3.0	21.5
6 10	15 50.49	−15 47.7	2.321	3.289	6.3	21.7
6 20	15 43.69	−15 18.8	2.390	3.297	9.4	21.9
6 30	15 38.68	−14 58.2	2.483	3.303	12.0	22.1

521348 2015 LK_{45} 5 24.2 319°.51 6°.0/21.1 16

4 21	16 25.91	− 5 37.9	2.009	2.871	12.3	21.3
5 1	16 21.16	− 4 48.2	1.939	2.866	9.6	21.2
5 11	16 14.67	− 4 4.7	1.893	2.861	7.1	21.0
5 21	16 7.09	− 3 31.6	1.873	2.856	6.0	20.9
5 31	15 59.24	− 3 12.4	1.878	2.851	7.1	21.0
6 10	15 52.00	− 3 9.3	1.909	2.846	9.6	21.1
6 20	15 46.08	− 3 22.6	1.964	2.842	12.4	21.3
6 30	15 42.04	− 3 51.1	2.038	2.837	15.0	21.4

255763 2006 RE_{46} 5 24.2 146°.88 0°.3/24.3 17

4 21	16 32.90	−22 9.4	1.883	2.739	13.3	21.3
5 1	16 26.44	−22 3.4	1.815	2.748	9.8	21.1
5 11	16 17.83	−21 51.6	1.770	2.756	5.8	20.9
5 21	16 7.90	−21 34.3	1.752	2.763	1.5	20.6
5 31	15 57.70	−21 13.4	1.762	2.770	2.9	20.7
6 10	15 48.36	−20 51.8	1.799	2.776	7.1	21.0
6 20	15 40.74	−20 32.9	1.862	2.782	10.9	21.3
6 30	15 35.46	−20 19.5	1.947	2.787	14.1	21.5

286221 2001 UP_{117} 5 24.2 103°.56 3°.4/21.6 18

4 21	16 27.79	−13 33.4	2.434	3.292	10.6	20.2
5 1	16 22.08	−12 10.2	2.377	3.309	7.8	20.0
5 11	16 15.00	−10 46.5	2.347	3.326	5.0	19.9
5 21	16 7.17	− 9 26.3	2.345	3.343	3.4	19.8
5 31	15 59.30	− 8 13.9	2.373	3.360	4.7	19.9
6 10	15 52.11	− 7 12.9	2.429	3.376	7.3	20.1
6 20	15 46.16	− 6 25.6	2.511	3.392	10.0	20.3
6 30	15 41.84	− 5 52.7	2.616	3.407	12.3	20.5

363665 2004 TH_{47} 5 24.2 203°.64 2°.4/23.1 16

4 21	16 31.84	−17 30.2	1.609	2.478	14.5	21.5
5 1	16 25.97	−16 43.8	1.535	2.476	10.7	21.3
5 11	16 17.69	−15 52.8	1.485	2.472	6.4	21.0
5 21	16 7.89	−15 0.5	1.460	2.469	2.6	20.8
5 31	15 57.71	−14 11.5	1.462	2.465	4.6	20.9
6 10	15 48.41	−13 30.6	1.490	2.460	9.0	21.1
6 20	15 40.98	−13 1.3	1.542	2.455	13.2	21.4
6 30	15 36.11	−12 45.9	1.614	2.450	16.7	21.6

344340 2001 VG_{132} 5 24.2 11°.79 2°.6/21.8 18

4 21	16 19.63	− 8 15.4	4.323	5.173	6.5	20.9
5 1	16 15.83	− 7 53.9	4.249	5.174	4.9	20.8
5 11	16 11.28	− 7 34.9	4.202	5.174	3.4	20.7
5 21	16 6.27	− 7 19.7	4.184	5.174	2.6	20.7
5 31	16 1.16	− 7 9.5	4.194	5.174	3.2	20.7
6 10	15 56.32	− 7 5.1	4.233	5.174	4.7	20.8
6 20	15 52.05	− 7 7.1	4.298	5.174	6.3	20.9
6 30	15 48.63	− 7 15.4	4.388	5.175	7.7	21.0

497055 2003 SJ_{371} 5 24.2 173°.17 1°.5/25.0 17

4 21	16 30.67	−26 27.8	2.459	3.299	11.1	22.5
5 1	16 24.49	−26 26.5	2.380	3.302	8.3	22.4
5 11	16 16.58	−26 17.6	2.326	3.305	5.2	22.2
5 21	16 7.59	−26 1.0	2.300	3.307	2.1	22.0
5 31	15 58.37	−25 37.8	2.302	3.308	2.6	22.0
6 10	15 49.76	−25 10.6	2.334	3.309	5.8	22.2
6 20	15 42.49	−24 42.3	2.392	3.310	8.9	22.4
6 30	15 37.10	−24 16.1	2.473	3.309	11.6	22.6

246111 2007 FC_{50} 5 24.2 34°.70 4°.0/22.0 17

4 21	16 27.23	−16 18.1	1.375	2.261	15.5	19.8
5 1	16 22.61	−14 48.1	1.325	2.272	11.3	19.6
5 11	16 15.66	−13 14.4	1.296	2.284	7.0	19.4
5 21	16 7.36	−11 43.7	1.292	2.297	4.1	19.2
5 31	15 58.95	−10 23.4	1.313	2.310	6.1	19.4
6 10	15 51.64	− 9 19.8	1.359	2.324	10.2	19.7
6 20	15 46.31	− 8 36.3	1.426	2.338	14.1	19.9
6 30	15 43.49	− 8 13.7	1.513	2.353	17.5	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
282407 2003 TC_{56}			5 24.2 302.°29		2.°0/23.6 17	
	h m	° ′			°	m
4 21	16 30.65	−16 37.6	1.354	2.235	16.0	20.4
5 1	16 25.71	−16 33.3	1.275	2.220	11.9	20.1
5 11	16 17.89	−16 28.2	1.216	2.206	7.1	19.8
5 21	16 8.02	−16 23.9	1.182	2.191	2.5	19.4
5 31	15 57.41	−16 22.6	1.172	2.177	4.6	19.5
6 10	15 47.60	−16 27.0	1.186	2.164	9.8	19.8
6 20	15 39.85	−16 39.3	1.222	2.150	14.7	20.0
6 30	15 35.09	−17 1.3	1.277	2.137	18.9	20.2
404361 2013 GP_{20}			5 24.2 150.°41		3.°6/22.8 16	
4 21	16 32.85	−13 53.2	1.554	2.424	14.9	21.8
5 1	16 26.64	−13 14.2	1.492	2.431	11.0	21.6
5 11	16 18.05	−12 35.3	1.452	2.436	6.9	21.4
5 21	16 7.98	−12 0.2	1.437	2.442	3.7	21.2
5 31	15 57.64	−11 32.7	1.449	2.446	5.5	21.3
6 10	15 48.26	−11 16.1	1.486	2.451	9.5	21.5
6 20	15 40.82	−11 12.4	1.547	2.455	13.4	21.8
6 30	15 35.97	−11 22.1	1.627	2.458	16.9	22.0
72356 2001 BY_{74}			5 24.2 120.°92		2.°0/23.3 18	
4 21	16 30.06	−15 25.9	2.077	2.938	12.0	19.8
5 1	16 24.11	−15 12.1	2.014	2.949	8.8	19.6
5 11	16 16.37	−14 58.1	1.974	2.959	5.3	19.4
5 21	16 7.55	−14 45.6	1.962	2.970	2.2	19.2
5 31	15 58.54	−14 36.3	1.977	2.979	3.7	19.3
6 10	15 50.26	−14 32.2	2.021	2.989	7.1	19.5
6 20	15 43.43	−14 34.8	2.089	2.998	10.4	19.7
6 30	15 38.59	−14 45.0	2.180	3.007	13.3	20.0
219666 2001 VG_{25}			5 24.2 199.°69		0.°3/24.3 18	
4 21	16 31.35	−22 47.6	2.289	3.138	11.5	21.9
5 1	16 25.10	−22 33.7	2.205	3.134	8.5	21.7
5 11	16 17.01	−22 13.7	2.146	3.130	5.0	21.5
5 21	16 7.73	−21 48.2	2.114	3.124	1.3	21.2
5 31	15 58.15	−21 19.1	2.111	3.118	2.6	21.3
6 10	15 49.19	−20 49.0	2.137	3.112	6.3	21.5
6 20	15 41.61	−20 21.1	2.189	3.104	9.7	21.7
6 30	15 36.00	−19 58.3	2.265	3.096	12.7	21.9
243340 2008 UF_{8}			5 24.2 157.°61		5.°6/26.9 17	
4 21	16 35.76	−38 26.9	2.541	3.334	12.2	22.2
5 1	16 28.46	−39 8.1	2.465	3.342	9.9	22.0
5 11	16 19.04	−39 35.8	2.413	3.349	7.6	21.9
5 21	16 8.25	−39 47.2	2.387	3.356	5.9	21.8
5 31	15 57.09	−39 41.2	2.388	3.362	5.7	21.8
6 10	15 46.64	−39 19.8	2.418	3.367	7.2	21.9
6 20	15 37.81	−38 46.8	2.473	3.372	9.4	22.0
6 30	15 31.22	−38 7.5	2.552	3.376	11.6	22.2
404216 2013 CT_{174}			5 24.2 268.°08		3.°6/25.4 16	
4 21	16 33.93	−28 52.7	1.388	2.248	16.9	21.1
5 1	16 28.37	−29 7.9	1.305	2.235	13.0	20.8
5 11	16 19.57	−29 9.9	1.242	2.221	8.6	20.5
5 21	16 8.47	−28 56.0	1.203	2.207	4.4	20.2
5 31	15 56.54	−28 26.2	1.188	2.193	4.8	20.2
6 10	15 45.52	−27 44.8	1.198	2.179	9.3	20.4
6 20	15 36.87	−26 58.4	1.231	2.164	14.1	20.6
6 30	15 31.56	−26 14.6	1.283	2.150	18.4	20.9
273838 2007 GP_{31}			5 24.2 59.°23		3.°0/22.8 17	
4 21	16 28.88	−15 21.4	1.667	2.541	13.9	20.9
5 1	16 23.65	−14 39.1	1.602	2.543	10.2	20.7
5 11	16 16.28	−13 55.4	1.559	2.546	6.2	20.5
5 21	16 7.57	−13 13.7	1.542	2.549	3.1	20.3
5 31	15 58.59	−12 37.9	1.551	2.551	4.8	20.4
6 10	15 50.45	−12 11.6	1.586	2.554	8.8	20.6
6 20	15 44.03	−11 57.3	1.645	2.557	12.5	20.9
6 30	15 39.94	−11 56.1	1.724	2.560	15.8	21.1
373060 2011 FT_{15}			5 24.2 144.°82		7.°6/27.1 17	
4 21	16 37.93	−39 45.7	1.920	2.722	15.2	21.0
5 1	16 30.76	−40 47.1	1.849	2.728	12.6	20.9
5 11	16 20.71	−41 31.5	1.800	2.734	9.9	20.7
5 21	16 8.70	−41 53.8	1.775	2.740	8.0	20.6
5 31	15 56.13	−41 51.9	1.775	2.745	7.7	20.6
6 10	15 44.52	−41 28.1	1.802	2.749	9.4	20.7
6 20	15 35.11	−40 47.9	1.852	2.754	11.9	20.9
6 30	15 28.72	−39 59.0	1.924	2.758	14.5	21.0
93641 2000 US_{88}			5 24.2 252.°22		4.°7/21.4 18	
4 21	16 27.97	−11 34.6	1.873	2.742	12.8	19.8
5 1	16 22.84	−10 20.3	1.797	2.734	9.6	19.6
5 11	16 15.77	− 9 5.8	1.746	2.725	6.5	19.4
5 21	16 7.45	− 7 55.9	1.720	2.716	4.7	19.3
5 31	15 58.82	− 6 56.0	1.722	2.707	6.3	19.3
6 10	15 50.87	− 6 10.5	1.749	2.698	9.5	19.5
6 20	15 44.39	− 5 41.9	1.800	2.689	12.9	19.7
6 30	15 40.00	− 5 30.8	1.872	2.680	15.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
229521 2005 WG_{195}			5 24.2 252.°96		1.°1/23.6 18	
	h m	° ′			°	m
4 21	16 30.85	−19 54.2	2.119	2.976	12.0	21.3
5 1	16 24.98	−19 18.7	2.020	2.954	8.9	21.1
5 11	16 17.07	−18 37.3	1.946	2.932	5.3	20.8
5 21	16 7.80	−17 51.6	1.899	2.909	1.5	20.5
5 31	15 58.04	−17 4.7	1.880	2.885	3.3	20.6
6 10	15 48.81	−16 20.2	1.889	2.860	7.3	20.8
6 20	15 40.97	−15 42.0	1.925	2.835	11.1	21.0
6 30	15 35.19	−15 13.1	1.982	2.809	14.4	21.1
52528 1996 PM_{9}			5 24.2 274.°16		1.°0/23.7 18	
4 21	16 27.80	−19 7.2	2.082	2.945	11.9	19.4
5 1	16 22.68	−18 46.3	1.997	2.935	8.8	19.1
5 11	16 15.67	−18 21.5	1.937	2.924	5.2	18.9
5 21	16 7.44	−17 54.5	1.904	2.914	1.5	18.6
5 31	15 58.85	−17 27.5	1.898	2.903	3.1	18.7
6 10	15 50.84	−17 3.5	1.919	2.893	7.0	18.9
6 20	15 44.21	−16 45.0	1.965	2.882	10.6	19.1
6 30	15 39.57	−16 34.4	2.034	2.871	13.7	19.3
80314 1999 XE_{77}			5 24.2 137.°50		0.°9/23.8 18	
4 21	16 32.51	−19 37.3	1.840	2.700	13.4	21.2
5 1	16 26.14	−19 17.7	1.775	2.711	9.8	20.9
5 11	16 17.66	−18 53.9	1.734	2.721	5.7	20.7
5 21	16 7.91	−18 27.3	1.720	2.730	1.5	20.5
5 31	15 57.95	−18 0.4	1.733	2.739	3.3	20.6
6 10	15 48.86	−17 36.4	1.774	2.747	7.4	20.9
6 20	15 41.50	−17 18.2	1.839	2.755	11.2	21.1
6 30	15 36.45	−17 8.2	1.927	2.763	14.4	21.3
33777 1999 RM_{158}			5 24.2 48.°83		0.°1/24.2 18	
4 21	16 27.74	−21 33.1	2.063	2.924	12.1	17.7
5 1	16 22.54	−21 26.7	1.997	2.933	8.9	17.5
5 11	16 15.51	−21 15.6	1.955	2.941	5.2	17.3
5 21	16 7.38	−21 0.6	1.940	2.950	1.3	17.1
5 31	15 59.04	−20 43.4	1.952	2.959	2.7	17.2
6 10	15 51.41	−20 26.5	1.991	2.969	6.5	17.5
6 20	15 45.24	−20 12.3	2.056	2.978	9.9	17.7
6 30	15 41.06	−20 3.3	2.143	2.988	12.8	17.9
135618 2002 JG_{49}			5 24.2 2.°24		4.°1/25.5 17	
4 21	16 28.00	−28 49.9	1.082	1.965	18.9	19.2
5 1	16 24.34	−29 10.9	1.021	1.963	14.5	18.9
5 11	16 17.27	−29 16.5	0.979	1.962	9.5	18.6
5 21	16 7.91	−29 4.4	0.958	1.963	4.9	18.4
5 31	15 57.95	−28 35.7	0.958	1.965	5.3	18.4
6 10	15 49.26	−27 55.8	0.981	1.967	10.0	18.7
6 20	15 43.27	−27 12.1	1.024	1.971	14.9	19.0
6 30	15 40.84	−26 32.3	1.086	1.977	19.2	19.2
117094 2004 NN_{15}			5 24.2 158.°45		3.°3/26.4 18	
4 21	16 29.00	−33 21.2	2.559	3.382	11.2	20.0
5 1	16 23.31	−33 16.1	2.480	3.385	8.8	19.8
5 11	16 15.92	−32 59.3	2.424	3.388	6.1	19.6
5 21	16 7.49	−32 30.3	2.395	3.390	3.8	19.5
5 31	15 58.86	−31 50.1	2.395	3.392	3.7	19.5
6 10	15 50.88	−31 1.8	2.422	3.394	5.9	19.6
6 20	15 44.27	−30 9.3	2.476	3.396	8.6	19.8
6 30	15 39.52	−29 17.0	2.555	3.397	11.1	20.0
335521 2005 YB_{257}			5 24.2 55.°45		4.°2/26.5 18	
4 21	16 31.29	−33 42.4	1.667	2.508	15.4	19.9
5 1	16 25.64	−33 26.4	1.602	2.518	12.0	19.7
5 11	16 17.50	−32 52.7	1.559	2.528	8.2	19.5
5 21	16 7.89	−32 0.8	1.540	2.538	4.9	19.3
5 31	15 58.11	−30 53.5	1.547	2.548	4.7	19.3
6 10	15 49.44	−29 36.7	1.581	2.559	7.8	19.5
6 20	15 42.86	−28 17.8	1.639	2.569	11.4	19.7
6 30	15 38.97	−27 3.7	1.719	2.580	14.7	20.0
136895 1998 HP_{38}			5 24.2 163.°74		5.°8/26.8 18	
4 21	16 34.28	−38 36.5	2.580	3.374	12.0	19.7
5 1	16 27.46	−39 28.8	2.501	3.377	9.8	19.6
5 11	16 18.53	−40 8.4	2.446	3.380	7.7	19.4
5 21	16 8.19	−40 32.1	2.417	3.383	6.1	19.3
5 31	15 57.39	−40 38.7	2.415	3.385	5.9	19.3
6 10	15 47.20	−40 29.3	2.441	3.387	7.3	19.4
6 20	15 38.53	−40 7.4	2.492	3.389	9.4	19.6
6 30	15 32.06	−39 37.8	2.567	3.390	11.6	19.7
143213 2002 YS			5 24.2 172.°69		4.°3/22.1 18	
4 21	16 28.37	− 6 22.4	2.570	3.418	10.4	19.9
5 1	16 22.62	− 6 3.7	2.500	3.421	8.0	19.7
5 11	16 15.44	− 5 50.4	2.454	3.423	5.7	19.6
5 21	16 7.39	− 5 44.8	2.436	3.424	4.4	19.5
5 31	15 59.13	− 5 48.6	2.447	3.426	5.2	19.6
6 10	15 51.40	− 6 2.7	2.485	3.427	7.5	19.7
6 20	15 44.77	− 6 27.1	2.549	3.427	9.9	19.9
6 30	15 39.71	− 7 1.0	2.636	3.427	12.2	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
192858 1999 VT_{201}			5 24.2 130°.76		2°.3/25.4 18	
	h m	° ′			°	m
4 21	16 32.69	−28 29.1	2.470	3.302	11.3	21.1
5 1	16 25.94	−28 42.9	2.403	3.318	8.5	20.9
5 11	16 17.44	−28 48.3	2.361	3.334	5.5	20.7
5 21	16 7.88	−28 44.4	2.346	3.349	2.8	20.6
5 31	15 58.14	−28 32.0	2.360	3.363	3.1	20.6
6 10	15 49.10	−28 13.0	2.403	3.376	5.8	20.8
6 20	15 41.49	−27 50.7	2.473	3.389	8.7	21.0
6 30	15 35.84	−27 28.3	2.567	3.402	11.3	21.2
204567 2005 ER_{304}			5 24.2 325°.39		1°.5/23.6 18	
4 21	16 27.72	−17 48.3	1.810	2.681	13.1	20.0
5 1	16 22.84	−17 30.4	1.734	2.675	9.6	19.8
5 11	16 15.86	−17 9.9	1.681	2.669	5.7	19.5
5 21	16 7.53	−16 48.6	1.653	2.663	1.9	19.2
5 31	15 58.83	−16 28.9	1.652	2.658	3.6	19.4
6 10	15 50.82	−16 13.8	1.678	2.652	7.7	19.6
6 20	15 44.37	−16 5.5	1.727	2.647	11.6	19.8
6 30	15 40.13	−16 6.0	1.798	2.643	14.9	20.0
376017 2010 AC_{68}			5 24.2 77°.92		2°.0/25.3 18	
4 21	16 31.23	−28 5.3	1.822	2.673	13.9	20.8
5 1	16 25.25	−27 48.9	1.763	2.690	10.4	20.6
5 11	16 17.14	−27 21.0	1.728	2.708	6.5	20.4
5 21	16 7.81	−26 42.2	1.718	2.725	2.8	20.2
5 31	15 58.36	−25 55.1	1.736	2.742	3.2	20.3
6 10	15 49.92	−25 4.3	1.780	2.760	6.9	20.6
6 20	15 43.30	−24 14.6	1.850	2.777	10.6	20.8
6 30	15 39.06	−23 30.6	1.942	2.794	13.7	21.1
424017 2006 WF_{191}			5 24.2 191°.71		0°.7/23.9 15	
4 21	16 32.65	−19 9.3	2.012	2.868	12.6	22.7
5 1	16 26.26	−19 5.3	1.933	2.867	9.2	22.4
5 11	16 17.80	−18 58.3	1.879	2.865	5.4	22.2
5 21	16 8.01	−18 48.9	1.852	2.862	1.4	21.9
5 31	15 57.85	−18 38.6	1.853	2.859	3.1	22.0
6 10	15 48.37	−18 29.6	1.882	2.856	7.1	22.3
6 20	15 40.45	−18 24.3	1.937	2.851	10.8	22.5
6 30	15 34.71	−18 24.8	2.014	2.846	14.0	22.7
300158 2006 VB_{97}			5 24.2 210°.40		0°.7/24.6 16	
4 21	16 28.48	−23 43.5	2.561	3.409	10.5	22.3
5 1	16 22.89	−23 37.3	2.476	3.404	7.8	22.1
5 11	16 15.70	−23 25.4	2.416	3.399	4.7	21.9
5 21	16 7.47	−23 8.2	2.383	3.393	1.4	21.6
5 31	15 58.97	−22 47.1	2.380	3.387	2.3	21.7
6 10	15 50.99	−22 24.1	2.405	3.381	5.6	21.9
6 20	15 44.21	−22 1.9	2.457	3.374	8.7	22.1
6 30	15 39.14	−21 43.0	2.532	3.368	11.4	22.3
80713 2000 CM_{20}			5 24.2 185°.50		0°.3/24.3 18	
4 21	16 32.44	−22 47.3	2.015	2.868	12.7	20.6
5 1	16 26.10	−22 31.3	1.937	2.868	9.4	20.3
5 11	16 17.69	−22 8.5	1.883	2.868	5.6	20.1
5 21	16 7.98	−21 39.7	1.856	2.867	1.4	19.8
5 31	15 57.95	−21 7.0	1.858	2.865	2.8	19.9
6 10	15 48.67	−20 33.7	1.887	2.863	6.9	20.2
6 20	15 40.98	−20 3.4	1.942	2.860	10.6	20.4
6 30	15 35.51	−19 39.4	2.020	2.856	13.8	20.6
219779 2002 AS_{13}			5 24.2 121°.84		5°.9/21.6 17	
4 21	16 30.79	− 3 43.9	2.191	3.037	12.1	20.3
5 1	16 24.43	− 3 6.7	2.140	3.056	9.4	20.2
5 11	16 16.49	− 2 37.7	2.113	3.073	7.0	20.1
5 21	16 7.64	− 2 20.0	2.113	3.090	5.9	20.0
5 31	15 58.72	− 2 16.1	2.140	3.107	6.8	20.1
6 10	15 50.52	− 2 26.8	2.194	3.123	9.0	20.3
6 20	15 43.70	− 2 51.4	2.273	3.138	11.5	20.5
6 30	15 38.72	− 3 28.5	2.373	3.153	13.7	20.7
401913 2001 UE_{120}			5 24.2 196°.86		1°.1/24.6 16	
4 21	16 35.84	−23 27.9	1.785	2.638	14.1	22.4
5 1	16 28.96	−23 40.6	1.705	2.635	10.5	22.1
5 11	16 19.56	−23 47.0	1.649	2.632	6.4	21.9
5 21	16 8.47	−23 46.0	1.618	2.628	2.0	21.6
5 31	15 56.88	−23 38.3	1.616	2.623	3.2	21.7
6 10	15 46.08	−23 26.4	1.641	2.618	7.6	21.9
6 20	15 37.14	−23 13.6	1.691	2.611	11.8	22.1
6 30	15 30.82	−23 3.9	1.762	2.604	15.3	22.4
169745 2002 OT_{18}			5 24.2 245°.16		1°.2/24.9 17	
4 21	16 29.71	−26 23.4	2.320	3.165	11.5	20.7
5 1	16 24.01	−25 58.7	2.225	3.150	8.6	20.5
5 11	16 16.45	−25 24.7	2.154	3.135	5.3	20.3
5 21	16 7.68	−24 41.8	2.111	3.119	1.9	20.0
5 31	15 58.56	−23 52.1	2.096	3.103	2.6	20.0
6 10	15 50.00	−22 59.2	2.110	3.087	6.2	20.2
6 20	15 42.80	−22 7.2	2.150	3.070	9.7	20.4
6 30	15 37.56	−21 20.2	2.214	3.052	12.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
100737 1998 DR_9			5 24.2 241°.73		4°.1/25.6 17	
	h m	° ′			°	m
4 21	16 35.11	−30 9.5	1.677	2.522	15.2	20.6
5 1	16 28.85	−30 39.1	1.591	2.511	11.8	20.3
5 11	16 19.71	−30 57.2	1.527	2.500	8.0	20.1
5 21	16 8.55	−31 0.6	1.488	2.488	4.6	19.8
5 31	15 56.67	−30 48.4	1.475	2.476	4.9	19.8
6 10	15 45.58	−30 23.4	1.489	2.464	8.5	20.0
6 20	15 36.53	−29 50.6	1.526	2.451	12.5	20.2
6 30	15 30.43	−29 16.3	1.585	2.438	16.2	20.4
37582 Faraday			5 24.2 269°.37		3°.3/25.2 18	
4 21	16 34.22	−27 44.1	1.515	2.372	15.9	19.2
5 1	16 28.46	−28 11.8	1.427	2.356	12.2	19.0
5 11	16 19.62	−28 29.5	1.360	2.339	8.0	18.7
5 21	16 8.55	−28 34.4	1.318	2.323	4.0	18.4
5 31	15 56.62	−28 25.6	1.301	2.306	4.5	18.4
6 10	15 45.43	−28 5.7	1.310	2.288	8.9	18.6
6 20	15 36.38	−27 39.7	1.341	2.271	13.5	18.8
6 30	15 30.46	−27 13.9	1.393	2.253	17.6	19.0
333673 2008 TG_{29}			5 24.2 300°.64		2°.0/23.3 17	
4 21	16 28.10	−18 20.4	1.624	2.499	14.1	21.1
5 1	16 23.49	−17 43.2	1.533	2.476	10.5	20.9
5 11	16 16.46	−17 0.6	1.465	2.453	6.3	20.6
5 21	16 7.73	−16 15.0	1.421	2.431	2.3	20.2
5 31	15 58.40	−15 30.6	1.404	2.408	4.3	20.3
6 10	15 49.69	−14 51.9	1.412	2.386	8.9	20.5
6 20	15 42.67	−14 23.0	1.443	2.364	13.4	20.7
6 30	15 38.15	−14 7.1	1.495	2.343	17.2	20.9
42 Isis			5 24.2 304°.23		2°.6/23.5 18	
4 21	16 30.74	−14 36.1	1.432	2.309	15.5	11.0
5 1	16 25.83	−14 38.3	1.341	2.284	11.6	10.7
5 11	16 18.07	−14 42.8	1.271	2.259	7.1	10.3
5 21	16 8.18	−14 51.1	1.226	2.234	3.0	10.0
5 31	15 57.38	−15 5.1	1.205	2.210	4.9	10.1
6 10	15 47.14	−15 26.4	1.210	2.185	9.9	10.3
6 20	15 38.77	−15 56.3	1.236	2.161	14.8	10.5
6 30	15 33.30	−16 35.7	1.282	2.138	19.1	10.7
130104 1999 XB_{41}			5 24.2 116°.05		0°.1/24.2 18	
4 21	16 29.72	−23 14.8	2.036	2.893	12.4	19.6
5 1	16 23.96	−22 40.9	1.969	2.902	9.1	19.4
5 11	16 16.35	−21 59.6	1.927	2.912	5.4	19.2
5 21	16 7.63	−21 12.5	1.911	2.922	1.3	18.9
5 31	15 58.77	−20 22.8	1.923	2.931	2.7	19.0
6 10	15 50.70	−19 34.4	1.963	2.940	6.6	19.3
6 20	15 44.19	−18 51.1	2.029	2.948	10.2	19.5
6 30	15 39.75	−18 16.0	2.117	2.957	13.2	19.8
472638 2015 DR_{209}			5 24.2 50°.86		2°.2/23.5 17	
4 21	16 30.37	−14 24.5	1.825	2.691	13.2	20.9
5 1	16 24.66	−14 30.0	1.758	2.696	9.7	20.7
5 11	16 16.88	−14 37.2	1.715	2.701	5.9	20.5
5 21	16 7.79	−14 47.1	1.699	2.707	2.5	20.3
5 31	15 58.40	−15 0.9	1.709	2.712	3.9	20.4
6 10	15 49.76	−15 19.6	1.746	2.718	7.8	20.6
6 20	15 42.73	−15 44.0	1.808	2.723	11.4	20.9
6 30	15 37.93	−16 14.5	1.891	2.729	14.6	21.1
142911 2002 VJ_{53}			5 24.2 171°.56		3°.3/25.7 18	
4 21	16 33.33	−30 23.4	1.852	2.694	14.1	20.1
5 1	16 27.05	−30 26.1	1.777	2.696	10.8	19.9
5 11	16 18.37	−30 16.0	1.725	2.698	7.2	19.7
5 21	16 8.17	−29 52.1	1.698	2.699	3.9	19.5
5 31	15 57.63	−29 15.4	1.698	2.700	4.0	19.5
6 10	15 47.98	−28 29.8	1.725	2.701	7.4	19.7
6 20	15 40.21	−27 40.8	1.777	2.701	11.0	19.9
6 30	15 34.99	−26 53.9	1.851	2.701	14.3	20.1
143673 2003 SO_{195}			5 24.2 72°.65		7°.0/26.9 18	
4 21	16 35.67	−36 17.4	1.459	2.295	17.5	19.5
5 1	16 29.49	−36 59.7	1.397	2.304	14.1	19.3
5 11	16 20.10	−37 22.8	1.355	2.312	10.5	19.1
5 21	16 8.63	−37 22.4	1.336	2.321	7.6	19.0
5 31	15 56.70	−36 57.7	1.341	2.330	7.3	19.0
6 10	15 46.05	−36 12.9	1.370	2.338	9.8	19.2
6 20	15 37.99	−35 16.0	1.422	2.347	13.2	19.4
6 30	15 33.30	−34 15.7	1.495	2.356	16.6	19.6
42042 2000 YR_{101}			5 24.2 107°.32		4°.8/21.9 18	
4 21	16 29.36	− 8 56.6	1.974	2.835	12.6	19.4
5 1	16 23.61	− 8 13.4	1.918	2.849	9.5	19.2
5 11	16 16.10	− 7 34.6	1.887	2.862	6.5	19.1
5 21	16 7.58	− 7 3.8	1.882	2.876	4.8	19.0
5 31	15 58.93	− 6 44.0	1.904	2.889	6.0	19.1
6 10	15 51.05	− 6 37.1	1.953	2.901	8.7	19.3
6 20	15 44.64	− 6 43.7	2.026	2.914	11.7	19.5
6 30	15 40.21	− 7 3.1	2.120	2.926	14.3	19.7

182184 2000 SP_{325} 5 24.2 182°.64 2°.0/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.76	−14 53.8	2.741	3.597	9.6	21.7
5 1	16 21.44	−14 26.3	2.664	3.597	7.1	21.5
5 11	16 14.76	−13 58.4	2.614	3.597	4.3	21.3
5 21	16 7.26	−13 31.7	2.591	3.597	2.1	21.2
5 31	15 59.57	−13 8.3	2.597	3.596	3.3	21.3
6 10	15 52.36	−12 50.2	2.632	3.595	6.0	21.5
6 20	15 46.20	−12 38.8	2.694	3.593	8.7	21.6
6 30	15 41.52	−12 35.2	2.778	3.591	11.1	21.8

482166 2010 TP_{121} 5 24.2 286°.74 2°.2/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.27	−27 2.8	2.280	3.125	11.7	21.7
5 1	16 23.87	−27 22.5	2.184	3.107	8.9	21.5
5 11	16 16.49	−27 35.1	2.112	3.090	5.7	21.2
5 21	16 7.74	−27 39.6	2.067	3.072	2.7	21.0
5 31	15 58.49	−27 36.0	2.050	3.054	3.2	21.0
6 10	15 49.71	−27 25.9	2.060	3.036	6.4	21.2
6 20	15 42.26	−27 11.9	2.096	3.018	9.7	21.3
6 30	15 36.83	−26 57.7	2.155	3.000	12.8	21.5

393105 2013 AH_{172} 5 24.2 283°.30 5°.3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.85	− 7 35.8	2.156	3.018	11.6	20.5
5 1	16 21.14	− 6 35.1	2.076	3.005	9.0	20.3
5 11	16 14.76	− 5 37.8	2.021	2.992	6.5	20.1
5 21	16 7.29	− 4 48.1	1.992	2.979	5.3	20.0
5 31	15 59.52	− 4 9.9	1.991	2.966	6.5	20.1
6 10	15 52.27	− 3 46.4	2.015	2.953	9.1	20.2
6 20	15 46.25	− 3 38.6	2.063	2.940	12.0	20.3
6 30	15 42.00	− 3 46.6	2.131	2.927	14.6	20.5

280308 2003 QP_{58} 5 24.2 230°.54 2°.7/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.15	−13 59.9	2.131	2.993	11.8	21.0
5 1	16 23.60	−13 35.5	2.050	2.985	8.7	20.8
5 11	16 16.22	−13 11.3	1.993	2.976	5.4	20.6
5 21	16 7.66	−12 49.3	1.963	2.968	2.8	20.4
5 31	15 58.76	−12 32.2	1.960	2.959	4.2	20.5
6 10	15 50.43	−12 22.1	1.985	2.950	7.5	20.7
6 20	15 43.43	−12 20.7	2.036	2.940	10.9	20.9
6 30	15 38.37	−12 28.9	2.108	2.930	13.8	21.0

87082 2000 KU_{76} 5 24.2 269°.64 3°.6/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.47	−13 26.9	1.483	2.356	15.3	19.5
5 1	16 26.90	−13 6.1	1.398	2.338	11.5	19.2
5 11	16 18.59	−12 46.4	1.334	2.319	7.2	18.9
5 21	16 8.32	−12 30.7	1.295	2.300	3.8	18.6
5 31	15 57.30	−12 22.2	1.281	2.281	5.6	18.7
6 10	15 46.96	−12 23.9	1.292	2.261	10.2	18.9
6 20	15 38.51	−12 37.6	1.326	2.242	14.7	19.1
6 30	15 32.86	−13 4.2	1.380	2.221	18.7	19.3

199260 2006 BJ_{12} 5 24.2 130°.32 1°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.28	−20 19.7	1.476	2.347	15.5	20.6
5 1	16 27.15	−19 42.6	1.415	2.355	11.4	20.3
5 11	16 18.46	−18 58.8	1.375	2.363	6.7	20.1
5 21	16 8.21	−18 11.0	1.360	2.370	1.9	19.8
5 31	15 57.71	−17 23.3	1.371	2.378	4.0	19.9
6 10	15 48.30	−16 40.7	1.409	2.384	8.8	20.2
6 20	15 40.99	−16 7.7	1.469	2.391	13.1	20.5
6 30	15 36.44	−15 47.0	1.550	2.397	16.8	20.7

36444 2000 PA_{31} 5 24.2 192°.17 1°.9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.05	−27 8.3	1.710	2.562	14.6	19.5
5 1	16 27.69	−26 54.6	1.633	2.561	11.0	19.3
5 11	16 18.82	−26 29.1	1.578	2.559	6.9	19.0
5 21	16 8.32	−25 51.7	1.549	2.557	2.7	18.8
5 31	15 57.43	−25 4.7	1.547	2.554	3.4	18.8
6 10	15 47.47	−24 12.7	1.572	2.551	7.7	19.1
6 20	15 39.47	−23 21.5	1.622	2.547	11.9	19.3
6 30	15 34.15	−22 36.3	1.694	2.543	15.5	19.5

307036 2001 XB_{215} 5 24.2 260°.20 1°.8/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.46	−25 24.8	1.936	2.787	13.2	20.6
5 1	16 26.52	−25 37.8	1.841	2.769	10.0	20.4
5 11	16 18.20	−25 43.5	1.769	2.750	6.2	20.1
5 21	16 8.20	−25 40.8	1.724	2.731	2.5	19.8
5 31	15 57.57	−25 30.0	1.705	2.712	3.3	19.8
6 10	15 47.50	−25 13.2	1.715	2.692	7.3	20.1
6 20	15 39.04	−24 54.1	1.749	2.672	11.3	20.2
6 30	15 32.99	−24 36.7	1.805	2.651	14.8	20.4

374403 2005 VK_{131} 5 24.2 258°.94 5°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.04	− 9 27.1	1.789	2.657	13.4	21.1
5 1	16 23.81	− 8 32.1	1.711	2.644	10.2	20.8
5 11	16 16.47	− 7 39.7	1.655	2.632	7.1	20.6
5 21	16 7.74	− 6 54.4	1.625	2.619	5.3	20.5
5 31	15 58.60	− 6 20.8	1.621	2.606	6.7	20.5
6 10	15 50.11	− 6 2.3	1.643	2.593	10.0	20.7
6 20	15 43.15	− 6 0.4	1.688	2.579	13.4	20.9
6 30	15 38.39	− 6 15.0	1.753	2.566	16.6	21.1

122968 2000 SO_{221} 5 24.2 241°.40 0°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.27	−19 32.4	2.126	2.979	12.1	20.4
5 1	16 26.83	−19 52.8	2.034	2.965	9.0	20.2
5 11	16 18.26	−20 11.5	1.965	2.950	5.3	20.0
5 21	16 8.20	−20 28.0	1.925	2.935	1.3	19.6
5 31	15 57.60	−20 42.5	1.913	2.920	2.8	19.7
6 10	15 47.48	−20 55.8	1.929	2.904	6.9	20.0
6 20	15 38.78	−21 9.6	1.972	2.888	10.6	20.1
6 30	15 32.22	−21 25.8	2.038	2.871	13.8	20.3

17556 Pierofrancesca 5 24.2 128°.13 1°.1/24.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.86	−24 33.9	1.740	2.594	14.3	18.8
5 1	16 28.03	−24 27.4	1.678	2.609	10.6	18.6
5 11	16 18.87	−24 12.4	1.639	2.622	6.4	18.4
5 21	16 8.31	−23 49.0	1.626	2.635	2.0	18.1
5 31	15 57.54	−23 19.3	1.640	2.648	3.1	18.2
6 10	15 47.79	−22 47.1	1.682	2.660	7.4	18.5
6 20	15 39.98	−22 16.6	1.748	2.671	11.3	18.7
6 30	15 34.74	−21 51.6	1.837	2.681	14.6	19.0

250360 2003 SP_{272} 5 24.2 236°.09 4°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.66	−31 34.4	1.712	2.553	15.1	21.0
5 1	16 28.45	−31 54.6	1.627	2.544	11.8	20.8
5 11	16 19.45	−32 1.4	1.564	2.534	8.1	20.6
5 21	16 8.52	−31 51.9	1.526	2.524	4.9	20.3
5 31	15 56.97	−31 26.0	1.514	2.513	5.0	20.3
6 10	15 46.25	−30 46.9	1.528	2.503	8.3	20.5
6 20	15 37.57	−30 0.5	1.566	2.491	12.2	20.7
6 30	15 31.77	−29 13.4	1.626	2.480	15.8	20.9

295320 2008 GJ_{135} 5 24.2 345°.10 2°.2/25.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.71	−26 34.5	1.932	2.789	13.0	20.8
5 1	16 22.90	−26 49.9	1.853	2.783	9.8	20.6
5 11	16 15.96	−26 57.2	1.797	2.777	6.2	20.4
5 21	16 7.63	−26 55.8	1.766	2.773	2.8	20.1
5 31	15 58.87	−26 46.1	1.762	2.768	3.3	20.2
6 10	15 50.79	−26 30.5	1.785	2.764	6.9	20.4
6 20	15 44.27	−26 12.4	1.832	2.761	10.5	20.6
6 30	15 39.99	−25 55.3	1.902	2.758	13.7	20.8

233422 2006 HS_{7} 5 24.2 89°.89 4°.8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.63	−32 31.3	1.924	2.756	14.1	20.3
5 1	16 28.01	−33 17.7	1.860	2.769	11.0	20.1
5 11	16 18.97	−33 51.8	1.818	2.781	7.8	20.0
5 21	16 8.37	−34 10.8	1.802	2.794	5.2	19.8
5 31	15 57.40	−34 13.7	1.813	2.806	5.2	19.9
6 10	15 47.33	−34 2.7	1.851	2.818	7.7	20.0
6 20	15 39.16	−33 42.2	1.913	2.831	10.8	20.2
6 30	15 33.58	−33 17.4	1.998	2.843	13.6	20.5

422407 2014 SV_{280} 5 24.2 158°.90 0°.8/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.47	−19 23.5	1.842	2.701	13.4	22.4
5 1	16 26.95	−19 11.9	1.773	2.707	9.9	22.1
5 11	16 18.24	−18 56.5	1.727	2.713	5.8	21.9
5 21	16 8.18	−18 38.4	1.708	2.718	1.5	21.6
5 31	15 57.82	−18 19.5	1.717	2.723	3.3	21.8
6 10	15 48.31	−18 2.8	1.753	2.727	7.5	22.0
6 20	15 40.52	−17 51.0	1.814	2.730	11.3	22.3
6 30	15 35.09	−17 46.4	1.897	2.733	14.6	22.5

2895 Memnon 5 24.2 186°.42 5°.6/17.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 19.66	+10 47.5	4.711	5.496	7.1	17.6
5 1	16 15.85	+11 20.6	4.654	5.496	6.3	17.5
5 11	16 11.35	+11 44.8	4.621	5.495	5.7	17.5
5 21	16 6.44	+11 58.6	4.613	5.495	5.7	17.5
5 31	16 1.44	+12 0.7	4.631	5.495	6.0	17.5
6 10	15 56.70	+11 50.8	4.674	5.494	6.8	17.6
6 20	15 52.49	+11 29.3	4.739	5.494	7.6	17.6
6 30	15 49.07	+10 57.2	4.825	5.493	8.5	17.7

163315 2002 JT_{83} 5 24.2 318°.66 3°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.84	−26 1.5	1.607	2.468	15.0	19.3
5 1	16 26.54	−26 52.5	1.522	2.453	11.4	19.1
5 11	16 18.44	−27 37.7	1.459	2.440	7.4	18.8
5 21	16 8.32	−28 13.9	1.421	2.426	3.7	18.5
5 31	15 57.39	−28 39.3	1.409	2.413	4.3	18.5
6 10	15 47.10	−28 54.3	1.422	2.401	8.4	18.7
6 20	15 38.73	−29 2.0	1.459	2.389	12.6	19.0
6 30	15 33.22	−29 6.5	1.517	2.377	16.4	19.2

190303 1997 AH_{10} 5 24.2 238°.91 1°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.20	−16 7.9	2.198	3.056	11.6	21.3
5 1	16 24.41	−15 47.1	2.108	3.042	8.6	21.1
5 11	16 16.75	−15 24.8	2.042	3.027	5.2	20.9
5 21	16 7.84	−15 2.6	2.004	3.012	2.1	20.7
5 31	15 58.52	−14 42.8	1.994	2.996	3.6	20.7
6 10	15 49.72	−14 27.8	2.012	2.980	7.2	20.9
6 20	15 42.22	−14 19.7	2.056	2.963	10.7	21.1
6 30	15 36.66	−14 20.1	2.122	2.945	13.7	21.3

389295 2009 KM_{16} 5 24.2 74°.55 2°.7/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.79	−14 49.1	2.146	3.012	11.5	21.2
5 1	16 21.72	−14 6.4	2.084	3.021	8.5	21.0
5 11	16 15.02	−13 23.0	2.046	3.030	5.2	20.8
5 21	16 7.37	−12 41.9	2.035	3.040	2.8	20.6
5 31	15 59.57	−12 6.1	2.051	3.049	4.1	20.8
6 10	15 52.44	−11 38.5	2.095	3.058	7.3	21.0
6 20	15 46.65	−11 20.8	2.164	3.067	10.3	21.2
6 30	15 42.66	−11 14.1	2.254	3.077	13.0	21.4

230866 2004 RM_{189} 5 24.2 159°.83 6°.1/27.5 17

4 21	16 35.01	−39 19.4	2.212	3.012	13.6	20.3
5 1	16 28.19	−39 45.1	2.136	3.017	11.1	20.1
5 11	16 19.04	−39 54.4	2.083	3.021	8.5	20.0
5 21	16 8.40	−39 44.6	2.054	3.026	6.5	19.9
5 31	15 57.43	−39 15.3	2.052	3.029	6.2	19.8
6 10	15 47.33	−38 29.6	2.077	3.033	7.8	20.0
6 20	15 39.07	−37 32.7	2.127	3.036	10.3	20.1
6 30	15 33.32	−36 31.0	2.201	3.038	12.8	20.3

356698 2011 UM_{138} 5 24.2 301°.41 0°.9/24.7 16

4 21	16 27.58	−24 28.3	2.135	2.991	12.0	21.3
5 1	16 22.59	−24 20.3	2.050	2.982	8.9	21.1
5 11	16 15.70	−24 5.3	1.989	2.973	5.4	20.9
5 21	16 7.58	−23 43.6	1.955	2.964	1.7	20.6
5 31	15 59.10	−23 16.6	1.948	2.955	2.7	20.7
6 10	15 51.22	−22 47.4	1.968	2.947	6.4	20.9
6 20	15 44.73	−22 19.1	2.014	2.938	9.9	21.1
6 30	15 40.24	−21 55.1	2.082	2.930	13.0	21.3

507570 2013 AP_{99} 5 24.2 161°.77 6°.7/20.2 18

4 21	16 26.93	+ 2 52.9	2.776	3.601	10.4	21.8
5 1	16 21.48	+ 3 33.5	2.716	3.606	8.7	21.6
5 11	16 14.77	+ 4 4.0	2.681	3.611	7.2	21.6
5 21	16 7.31	+ 4 21.4	2.672	3.615	6.8	21.5
5 31	15 59.72	+ 4 23.3	2.689	3.619	7.4	21.6
6 10	15 52.61	+ 4 9.4	2.733	3.622	8.9	21.7
6 20	15 46.52	+ 3 40.3	2.800	3.625	10.7	21.8
6 30	15 41.85	+ 2 57.7	2.889	3.628	12.4	21.9

59977 1999 SD_5 5 24.2 210°.11 6°.5/19.7 18

4 21	16 25.78	+ 2 55.1	2.973	3.797	9.8	19.6
5 1	16 20.64	+ 3 40.2	2.902	3.791	8.2	19.5
5 11	16 14.29	+ 4 16.3	2.856	3.784	6.9	19.4
5 21	16 7.20	+ 4 40.1	2.837	3.777	6.5	19.3
5 31	15 59.93	+ 4 49.4	2.844	3.770	7.2	19.4
6 10	15 53.06	+ 4 43.1	2.877	3.762	8.7	19.5
6 20	15 47.09	+ 4 21.7	2.935	3.754	10.4	19.6
6 30	15 42.44	+ 3 46.5	3.013	3.746	12.0	19.7

262450 2006 UJ_{108} 5 24.2 234°.74 1°.3/23.7 18

4 21	16 28.44	−16 55.5	2.305	3.164	11.1	21.1
5 1	16 23.00	−16 52.4	2.225	3.160	8.1	20.9
5 11	16 15.85	−16 48.3	2.170	3.156	4.8	20.7
5 21	16 7.61	−16 44.4	2.142	3.151	1.6	20.5
5 31	15 59.07	−16 41.7	2.142	3.147	3.0	20.6
6 10	15 51.06	−16 42.1	2.171	3.142	6.5	20.8
6 20	15 44.30	−16 46.8	2.225	3.138	9.7	21.0
6 30	15 39.34	−16 57.2	2.302	3.133	12.5	21.1

509729 2008 SQ_{233} 5 24.2 219°.01 0°.2/24.1 17

4 21	16 30.61	−20 57.6	2.463	3.312	10.8	23.3
5 1	16 24.56	−20 48.3	2.372	3.302	8.0	23.1
5 11	16 16.77	−20 34.7	2.307	3.291	4.7	22.9
5 21	16 7.85	−20 17.4	2.269	3.280	1.2	22.6
5 31	15 58.58	−19 58.0	2.261	3.268	2.5	22.7
6 10	15 49.82	−19 38.6	2.282	3.255	6.1	22.9
6 20	15 42.29	−19 21.6	2.329	3.242	9.3	23.1
6 30	15 36.56	−19 9.3	2.400	3.228	12.2	23.3

83238 2001 RC_{46} 5 24.2 239°.99 0°.9/24.6 18

4 21	16 30.10	−23 4.9	2.334	3.184	11.3	19.2
5 1	16 24.33	−23 19.6	2.247	3.175	8.4	18.9
5 11	16 16.71	−23 29.7	2.184	3.167	5.1	18.7
5 21	16 7.85	−23 34.9	2.149	3.158	1.6	18.5
5 31	15 58.60	−23 35.6	2.142	3.150	2.6	18.5
6 10	15 49.86	−23 33.2	2.164	3.140	6.1	18.7
6 20	15 42.42	−23 30.0	2.212	3.131	9.4	18.9
6 30	15 36.89	−23 28.4	2.283	3.122	12.4	19.1

65421 2002 TG_{75} 5 24.2 116°.82 5°.1/22.3 17

4 21	16 30.66	− 9 37.3	1.597	2.467	14.6	19.3
5 1	16 25.06	− 8 59.8	1.534	2.470	11.0	19.1
5 11	16 17.22	− 8 27.1	1.495	2.474	7.4	18.9
5 21	16 7.98	− 8 3.0	1.480	2.477	5.2	18.8
5 31	15 58.44	− 7 51.1	1.491	2.480	6.6	18.8
6 10	15 49.77	− 7 53.6	1.527	2.484	10.0	19.0
6 20	15 42.88	− 8 10.8	1.586	2.487	13.6	19.3
6 30	15 38.41	− 8 42.1	1.665	2.490	16.8	19.5

61606 2000 QR_{92} 5 24.2 337°.20 1°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.83	−24 15.0	1.322	2.203	16.2	18.3
5 1	16 23.03	−24 2.5	1.246	2.191	12.2	18.0
5 11	16 16.40	−23 39.5	1.191	2.179	7.4	17.7
5 21	16 7.83	−23 6.6	1.158	2.168	2.2	17.4
5 31	15 58.66	−22 26.7	1.150	2.158	3.7	17.4
6 10	15 50.39	−21 44.9	1.165	2.150	8.9	17.7
6 20	15 44.25	−21 7.0	1.202	2.142	13.8	17.9
6 30	15 41.07	−20 37.8	1.258	2.135	18.1	18.2

56741 2000 ND_{24} 5 24.2 245°.32 1°.0/23.7 18

4 21	16 27.87	−18 53.6	2.362	3.220	10.9	19.7
5 1	16 22.59	−18 36.1	2.276	3.210	8.0	19.5
5 11	16 15.63	−18 15.5	2.214	3.200	4.7	19.3
5 21	16 7.58	−17 53.1	2.180	3.190	1.4	19.0
5 31	15 59.22	−17 30.7	2.174	3.180	2.8	19.1
6 10	15 51.37	−17 10.7	2.197	3.169	6.3	19.3
6 20	15 44.73	−16 55.5	2.245	3.159	9.6	19.5
6 30	15 39.87	−16 46.8	2.316	3.148	12.4	19.7

10643 1999 CE_{78} 5 24.2 8°.09 1°.4/23.6 18

4 21	16 28.24	−20 5.7	1.435	2.315	15.3	16.9
5 1	16 23.62	−19 26.2	1.370	2.315	11.2	16.6
5 11	16 16.50	−18 40.1	1.327	2.316	6.6	16.3
5 21	16 7.81	−17 50.3	1.307	2.318	1.9	16.0
5 31	15 58.80	−17 1.3	1.313	2.320	4.0	16.2
6 10	15 50.75	−16 18.4	1.344	2.322	8.8	16.5
6 20	15 44.67	−15 45.7	1.397	2.325	13.2	16.7
6 30	15 41.24	−15 26.0	1.471	2.328	17.0	17.0

512523 2016 RA_{35} 5 24.2 268°.46 3°.7/26.0 17

4 21	16 30.22	−32 2.6	2.215	3.047	12.4	21.5
5 1	16 24.66	−32 17.2	2.125	3.036	9.7	21.3
5 11	16 17.01	−32 20.6	2.058	3.025	6.7	21.1
5 21	16 7.95	−32 11.2	2.017	3.013	4.2	20.9
5 31	15 58.46	−31 49.0	2.004	3.002	4.2	20.9
6 10	15 49.57	−31 16.6	2.018	2.991	6.8	21.0
6 20	15 42.18	−30 37.9	2.057	2.979	9.9	21.2
6 30	15 36.97	−29 57.7	2.120	2.967	12.8	21.3

100309 Misuzukaneko 5 24.2 114°.34 0°.2/24.3 18

4 21	16 33.22	−21 49.4	1.886	2.742	13.3	19.9
5 1	16 26.68	−21 47.9	1.825	2.758	9.8	19.7
5 11	16 18.05	−21 41.1	1.788	2.773	5.7	19.5
5 21	16 8.17	−21 29.3	1.778	2.788	1.5	19.3
5 31	15 58.11	−21 14.2	1.795	2.803	2.9	19.4
6 10	15 48.94	−20 58.4	1.840	2.817	7.0	19.7
6 20	15 41.51	−20 44.9	1.911	2.831	10.6	19.9
6 30	15 36.38	−20 36.3	2.003	2.844	13.8	20.2

89370 2001 VU_{86} 5 24.2 28°.72 1°.7/25.2 18

4 21	16 29.93	−28 35.0	1.462	2.326	16.0	18.4
5 1	16 24.85	−27 45.3	1.396	2.330	12.0	18.2
5 11	16 17.20	−26 39.0	1.351	2.335	7.4	17.9
5 21	16 7.98	−25 18.3	1.331	2.340	2.7	17.7
5 31	15 58.54	−23 48.5	1.337	2.346	3.5	17.7
6 10	15 50.25	−22 17.3	1.369	2.352	8.2	18.0
6 20	15 44.09	−20 52.8	1.424	2.358	12.6	18.3
6 30	15 40.68	−19 41.0	1.501	2.364	16.4	18.5

255535 2006 HS_{56} 5 24.2 333°.98 0°.2/24.2 17

4 21	16 26.31	−17 25.6	0.932	1.838	19.1	19.4
5 1	16 23.86	−18 23.0	0.851	1.809	14.4	19.1
5 11	16 17.64	−19 28.2	0.788	1.782	8.8	18.6
5 21	16 8.32	−20 39.6	0.745	1.756	2.2	18.1
5 31	15 57.43	−21 54.4	0.722	1.732	4.7	18.2
6 10	15 47.11	−23 9.7	0.720	1.710	11.6	18.5
6 20	15 39.39	−24 24.0	0.736	1.690	18.0	18.7
6 30	15 35.80	−25 37.5	0.767	1.673	23.5	19.0

371101 2005 VW_6 5 24.2 165°.06 1°.2/24.9 17

4 21	16 32.41	−25 16.4	2.372	3.213	11.4	22.8
5 1	16 25.86	−25 14.1	2.296	3.219	8.5	22.6
5 11	16 17.51	−25 4.8	2.245	3.225	5.2	22.4
5 21	16 8.06	−24 48.3	2.221	3.230	1.9	22.2
5 31	15 58.36	−24 26.0	2.227	3.234	2.6	22.3
6 10	15 49.33	−24 0.3	2.262	3.237	5.9	22.5
6 20	15 41.71	−23 34.3	2.323	3.240	9.2	22.7
6 30	15 36.05	−23 11.1	2.408	3.242	11.9	22.9

323828 2005 SZ_{42} 5 24.2 124°.60 13°.1/16.9 18

4 21	16 34.07	− 1 24.7	1.130	2.002	19.1	20.9
5 1	16 27.95	+ 1 41.5	1.091	2.013	15.8	20.8
5 11	16 19.01	+ 4 33.8	1.075	2.024	13.5	20.7
5 21	16 8.43	+ 6 56.9	1.081	2.034	13.3	20.7
5 31	15 57.73	+ 8 38.9	1.110	2.043	15.1	20.8
6 10	15 48.40	+ 9 35.1	1.159	2.052	18.0	21.0
6 20	15 41.50	+ 9 48.2	1.225	2.060	21.0	21.2
6 30	15 37.65	+ 9 24.8	1.305	2.068	23.6	21.5

431105 2006 FM_{28} 5 24.2 25°.00 0°.6/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.02	−22 27.2	1.800	2.663	13.5	21.1
5 1	16 24.60	−22 30.2	1.728	2.664	10.0	20.9
5 11	16 16.99	−22 27.6	1.680	2.666	5.9	20.6
5 21	16 7.96	−22 19.5	1.657	2.667	1.6	20.3
5 31	15 58.58	−22 7.2	1.661	2.669	3.0	20.4
6 10	15 49.97	−21 53.4	1.692	2.671	7.2	20.7
6 20	15 43.05	−21 41.1	1.747	2.673	11.1	20.9
6 30	15 38.47	−21 33.4	1.824	2.675	14.5	21.2

497318 2005 TA_{115} 5 24.2 158°.74 1°.9/23.2 17

4 21	16 30.67	−17 17.7	2.129	2.987	11.9	22.4
5 1	16 24.61	−16 38.7	2.059	2.994	8.7	22.2
5 11	16 16.78	−15 56.8	2.014	3.000	5.2	22.0
5 21	16 7.88	−15 14.5	1.997	3.005	2.1	21.8
5 31	15 58.78	−14 34.8	2.008	3.010	3.6	22.0
6 10	15 50.40	−14 0.9	2.047	3.014	7.1	22.2
6 20	15 43.46	−13 35.5	2.112	3.018	10.5	22.4
6 30	15 38.50	−13 20.1	2.199	3.021	13.3	22.6

322471 2011 UQ_{187} 5 24.3 234°.68 3°.1/22.6 17

4 21	16 26.98	−12 11.2	2.410	3.269	10.6	20.9
5 1	16 21.84	−11 41.9	2.330	3.262	7.9	20.7
5 11	16 15.16	−11 13.8	2.275	3.256	5.1	20.5
5 21	16 7.49	−10 49.3	2.247	3.249	3.1	20.3
5 31	15 59.56	−10 30.8	2.248	3.242	4.3	20.4
6 10	15 52.13	−10 20.1	2.276	3.234	7.1	20.6
6 20	15 45.84	−10 18.7	2.330	3.227	10.0	20.7
6 30	15 41.21	−10 27.1	2.406	3.219	12.6	20.9

327812 2006 VG_{63} 5 24.3 251°.72 0°.3/24.1 17

4 21	16 31.21	−22 13.5	1.762	2.624	13.8	21.3
5 1	16 25.62	−21 43.1	1.675	2.611	10.2	21.1
5 11	16 17.68	−21 4.5	1.611	2.598	6.1	20.8
5 21	16 8.16	−20 19.2	1.573	2.584	1.5	20.4
5 31	15 58.15	−19 30.3	1.563	2.570	3.3	20.5
6 10	15 48.86	−18 42.3	1.579	2.556	7.9	20.8
6 20	15 41.29	−18 0.0	1.619	2.541	12.1	21.0
6 30	15 36.17	−17 27.2	1.681	2.526	15.8	21.2

345914 2007 RT_{167} 5 24.3 211°.93 0°.3/24.1 17

4 21	16 29.44	−20 53.9	2.155	3.012	11.8	22.0
5 1	16 23.87	−20 43.7	2.075	3.009	8.7	21.8
5 11	16 16.44	−20 29.1	2.020	3.005	5.1	21.5
5 21	16 7.82	−20 10.8	1.991	3.002	1.3	21.3
5 31	15 58.89	−19 50.6	1.991	2.998	2.7	21.4
6 10	15 50.57	−19 31.0	2.018	2.994	6.5	21.6
6 20	15 43.64	−19 14.7	2.071	2.990	10.0	21.8
6 30	15 38.70	−19 4.0	2.147	2.985	13.0	22.0

89964 2002 QZ_{24} 5 24.3 54°.83 0°.8/23.7 18

4 21	16 34.96	−28 37.0	1.010	1.890	20.3	17.7
5 1	16 29.29	−26 17.0	0.947	1.892	15.1	17.4
5 11	16 20.07	−23 25.6	0.904	1.893	8.9	17.1
5 21	16 8.73	−20 11.8	0.884	1.895	2.1	16.7
5 31	15 57.23	−16 52.3	0.890	1.897	5.2	16.9
6 10	15 47.46	−13 47.0	0.921	1.900	11.7	17.2
6 20	15 40.69	−11 11.5	0.973	1.902	17.5	17.6
6 30	15 37.55	− 9 13.4	1.044	1.904	22.2	17.9

259599 2003 UO_{272} 5 24.3 191°.26 1°.0/23.8 17

4 21	16 33.09	−18 52.4	1.901	2.759	13.1	21.3
5 1	16 26.72	−18 38.8	1.824	2.758	9.6	21.0
5 11	16 18.20	−18 21.6	1.770	2.756	5.7	20.8
5 21	16 8.27	−18 2.2	1.744	2.754	1.6	20.5
5 31	15 57.98	−17 42.6	1.745	2.751	3.3	20.6
6 10	15 48.43	−17 25.5	1.774	2.747	7.5	20.9
6 20	15 40.51	−17 13.7	1.828	2.743	11.3	21.1
6 30	15 34.89	−17 9.3	1.904	2.738	14.6	21.3

247424 2002 CD_{288} 5 24.3 140°.48 2°.2/22.9 18

4 21	16 26.69	−14 31.1	2.592	3.450	10.0	21.0
5 1	16 21.46	−14 1.9	2.523	3.457	7.4	20.8
5 11	16 14.85	−13 32.5	2.480	3.463	4.5	20.7
5 21	16 7.41	−13 5.0	2.464	3.469	2.3	20.5
5 31	15 59.81	−12 41.4	2.477	3.475	3.5	20.6
6 10	15 52.74	−12 23.8	2.518	3.480	6.3	20.8
6 20	15 46.78	−12 13.7	2.585	3.485	9.0	21.0
6 30	15 42.36	−12 11.8	2.675	3.490	11.4	21.2

293087 2006 WZ_{193} 5 24.3 334°.23 0°.3/24.1 16

4 21	16 26.30	−22 38.2	1.902	2.769	12.7	19.9
5 1	16 21.79	−22 1.4	1.823	2.761	9.4	19.6
5 11	16 15.30	−21 16.8	1.766	2.754	5.5	19.4
5 21	16 7.55	−20 26.2	1.736	2.747	1.4	19.1
5 31	15 59.48	−19 33.1	1.733	2.740	3.0	19.2
6 10	15 52.10	−18 41.7	1.756	2.734	7.1	19.4
6 20	15 46.23	−17 56.3	1.804	2.728	10.9	19.6
6 30	15 42.47	−17 20.3	1.874	2.723	14.2	19.8

265804 2005 XG_{6} 5 24.3 299°.91 0°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.71	−23 30.3	1.577	2.446	14.8	20.4
5 1	16 24.87	−23 23.0	1.490	2.429	11.0	20.1
5 11	16 17.42	−23 7.4	1.425	2.412	6.7	19.8
5 21	16 8.14	−22 43.8	1.384	2.395	1.9	19.4
5 31	15 58.21	−22 14.0	1.369	2.378	3.4	19.5
6 10	15 48.99	−21 42.0	1.380	2.361	8.3	19.7
6 20	15 41.63	−21 12.4	1.414	2.345	12.8	20.0
6 30	15 36.98	−20 49.5	1.468	2.329	16.8	20.2

303654 2005 LX_{23} 5 24.3 184°.16 4°.1/21.6 18

4 21	16 26.17	− 9 23.7	2.500	3.358	10.4	21.0
5 1	16 21.14	− 8 34.2	2.429	3.358	7.9	20.8
5 11	16 14.69	− 7 47.3	2.383	3.358	5.4	20.7
5 21	16 7.38	− 7 5.9	2.365	3.357	4.1	20.6
5 31	15 59.88	− 6 33.2	2.375	3.356	5.1	20.6
6 10	15 52.90	− 6 11.4	2.412	3.356	7.5	20.8
6 20	15 47.02	− 6 1.5	2.474	3.355	10.1	20.9
6 30	15 42.71	− 6 3.7	2.558	3.353	12.4	21.1

273884 2007 HG_{14} 5 24.3 67°.86 1°.8/23.5 17

4 21	16 30.30	−17 48.8	1.624	2.495	14.3	20.7
5 1	16 24.75	−17 22.1	1.567	2.508	10.4	20.5
5 11	16 17.00	−16 52.7	1.534	2.522	6.1	20.3
5 21	16 7.96	−16 22.8	1.526	2.535	2.2	20.1
5 31	15 58.73	−15 55.7	1.544	2.549	3.9	20.2
6 10	15 50.47	−15 34.7	1.588	2.562	8.1	20.5
6 20	15 44.03	−15 22.2	1.656	2.576	12.0	20.8
6 30	15 39.99	−15 19.8	1.745	2.590	15.3	21.0

462540 2009 BD_{93} 5 24.3 19°.66 1°.7/24.9 17

4 21	16 28.07	−25 30.1	1.018	1.911	19.1	20.4
5 1	16 24.30	−25 22.0	0.968	1.917	14.2	20.1
5 11	16 17.23	−25 0.5	0.935	1.925	8.7	19.9
5 21	16 8.06	−24 26.3	0.924	1.934	3.0	19.6
5 31	15 58.54	−23 43.2	0.935	1.944	4.2	19.7
6 10	15 50.44	−22 57.9	0.968	1.956	9.8	20.0
6 20	15 45.03	−22 17.2	1.021	1.968	14.9	20.3
6 30	15 43.02	−21 46.7	1.092	1.982	19.2	20.7

411371 2010 VL_{30} 5 24.3 194°.31 1°.2/23.8 17

4 21	16 32.51	−18 26.3	1.836	2.698	13.4	21.6
5 1	16 26.37	−18 12.3	1.760	2.696	9.8	21.4
5 11	16 18.02	−17 55.3	1.708	2.694	5.8	21.2
5 21	16 8.24	−17 36.4	1.681	2.692	1.7	20.9
5 31	15 58.09	−17 17.9	1.683	2.689	3.5	21.0
6 10	15 48.69	−17 2.6	1.712	2.685	7.7	21.3
6 20	15 40.95	−16 53.0	1.765	2.681	11.6	21.5
6 30	15 35.55	−16 51.4	1.840	2.677	15.0	21.7

501815 2014 WL_{60} 5 24.3 204°.45 2°.3/23.3 17

4 21	16 32.95	−15 50.1	1.914	2.773	13.0	22.6
5 1	16 26.61	−15 27.8	1.834	2.769	9.6	22.4
5 11	16 18.14	−15 4.2	1.778	2.763	5.8	22.1
5 21	16 8.28	−14 41.1	1.749	2.757	2.5	21.9
5 31	15 58.02	−14 21.2	1.748	2.750	4.1	22.0
6 10	15 48.44	−14 7.1	1.774	2.742	8.0	22.2
6 20	15 40.46	−14 1.1	1.826	2.734	11.7	22.4
6 30	15 34.71	−14 4.7	1.899	2.725	15.0	22.6

382093 2011 GE_{34} 5 24.3 5°.52 5°.2/21.3 17

4 21	16 27.10	−12 20.7	1.592	2.470	14.2	21.0
5 1	16 22.47	−10 51.0	1.529	2.470	10.6	20.8
5 11	16 15.71	− 9 20.7	1.489	2.470	7.1	20.6
5 21	16 7.65	− 7 56.0	1.474	2.471	5.2	20.4
5 31	15 59.35	− 6 43.7	1.485	2.472	6.9	20.5
6 10	15 51.89	− 5 49.1	1.521	2.473	10.4	20.7
6 20	15 46.13	− 5 14.9	1.579	2.475	14.0	21.0
6 30	15 42.67	− 5 1.4	1.657	2.477	17.1	21.2

141977 2002 PZ_{127} 5 24.3 223°.89 3°.3/25.5 18

4 21	16 34.24	−29 2.1	1.799	2.644	14.3	20.4
5 1	16 27.99	−29 22.5	1.716	2.637	11.0	20.2
5 11	16 19.16	−29 32.3	1.656	2.630	7.3	19.9
5 21	16 8.56	−29 29.4	1.620	2.623	3.9	19.7
5 31	15 57.41	−29 13.7	1.612	2.615	4.1	19.7
6 10	15 47.02	−28 48.0	1.631	2.607	7.7	19.9
6 20	15 38.52	−28 16.9	1.674	2.598	11.6	20.1
6 30	15 32.69	−27 45.8	1.739	2.589	15.1	20.3

336984 2011 KJ_{34} 5 24.3 142°.25 2°.6/23.2 18

4 21	16 29.48	−14 27.4	1.909	2.775	12.7	20.6
5 1	16 23.99	−14 8.2	1.839	2.776	9.4	20.4
5 11	16 16.54	−13 49.3	1.793	2.778	5.7	20.1
5 21	16 7.87	−13 32.9	1.773	2.779	2.8	20.0
5 31	15 58.91	−13 21.4	1.780	2.781	4.2	20.1
6 10	15 50.65	−13 16.9	1.814	2.782	7.8	20.3
6 20	15 43.90	−13 20.9	1.873	2.783	11.3	20.5
6 30	15 39.26	−13 34.2	1.953	2.785	14.4	20.7

180552 2004 EB_{24} 5 24.3 156°.42 3°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.57	−30 40.7	1.816	2.656	14.4	20.6
5 1	16 28.10	−31 2.0	1.743	2.660	11.1	20.4
5 11	16 19.13	−31 11.1	1.693	2.664	7.5	20.2
5 21	16 8.54	−31 6.0	1.668	2.668	4.4	20.0
5 31	15 57.54	−30 46.8	1.670	2.671	4.5	20.0
6 10	15 47.44	−30 16.7	1.699	2.674	7.6	20.2
6 20	15 39.29	−29 40.6	1.753	2.676	11.2	20.5
6 30	15 33.80	−29 4.2	1.828	2.679	14.5	20.7

44209 1998 OH_{7} 5 24.3 295°.62 3°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.84	−30 24.1	1.808	2.657	14.1	18.3
5 1	16 24.80	−30 17.2	1.715	2.638	10.9	18.1
5 11	16 17.30	−29 56.7	1.643	2.618	7.3	17.8
5 21	16 8.11	−29 21.3	1.596	2.599	3.8	17.5
5 31	15 58.35	−28 32.5	1.576	2.580	4.0	17.5
6 10	15 49.29	−27 34.4	1.582	2.561	7.6	17.7
6 20	15 41.99	−26 32.9	1.612	2.542	11.6	17.9
6 30	15 37.24	−25 34.1	1.665	2.524	15.2	18.1

492242 2013 TC_{133} 5 24.3 139°.94 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.66	−17 19.0	4.602	5.452	6.1	20.8
5 1	16 16.66	−17 13.6	4.524	5.454	4.4	20.7
5 11	16 11.90	−17 7.5	4.472	5.457	2.6	20.5
5 21	16 6.68	−17 1.3	4.450	5.459	0.9	20.4
5 31	16 1.36	−16 55.9	4.457	5.462	1.6	20.4
6 10	15 56.29	−16 51.9	4.494	5.464	3.5	20.6
6 20	15 51.78	−16 50.3	4.559	5.466	5.3	20.7
6 30	15 48.12	−16 51.5	4.650	5.468	6.9	20.8

379388 2009 YR_{5} 5 24.3 118°.30 0°.6/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.67	−23 35.3	2.160	3.010	12.1	22.0
5 1	16 25.35	−23 26.1	2.097	3.026	8.9	21.8
5 11	16 17.22	−23 10.5	2.059	3.042	5.3	21.6
5 21	16 8.02	−22 49.0	2.047	3.057	1.5	21.4
5 31	15 58.67	−22 23.5	2.064	3.072	2.6	21.5
6 10	15 50.11	−21 56.7	2.110	3.086	6.2	21.8
6 20	15 43.06	−21 31.8	2.181	3.100	9.6	22.0
6 30	15 38.06	−21 11.6	2.276	3.113	12.4	22.2

275101 2009 VB_{39} 5 24.3 172°.18 0°.4/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.45	−21 9.5	2.168	3.017	12.1	21.3
5 1	16 26.82	−21 28.3	2.091	3.020	8.9	21.1
5 11	16 18.20	−21 43.8	2.039	3.023	5.3	20.9
5 21	16 8.30	−21 55.4	2.014	3.024	1.4	20.6
5 31	15 58.04	−22 3.3	2.019	3.026	2.7	20.7
6 10	15 48.42	−22 9.0	2.051	3.027	6.5	21.0
6 20	15 40.28	−22 14.3	2.111	3.027	10.0	21.2
6 30	15 34.24	−22 21.6	2.193	3.027	13.0	21.4

505905 2015 DJ_{223} 5 24.3 231°.69 2°.0/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.54	−27 22.2	1.967	2.816	13.1	21.1
5 1	16 24.94	−27 15.9	1.886	2.812	9.9	20.9
5 11	16 17.19	−26 59.6	1.829	2.808	6.2	20.6
5 21	16 8.05	−26 33.1	1.797	2.804	2.7	20.4
5 31	15 58.55	−25 57.9	1.793	2.799	3.1	20.4
6 10	15 49.78	−25 17.5	1.816	2.795	6.9	20.6
6 20	15 42.65	−24 36.4	1.864	2.790	10.6	20.8
6 30	15 37.79	−23 59.0	1.935	2.785	13.8	21.0

260068 2004 HA_{51} 5 24.3 4°.79 7°.8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.91	−41 48.7	1.800	2.608	15.9	19.8
5 1	16 25.74	−42 13.5	1.727	2.608	13.2	19.6
5 11	16 17.87	−42 17.3	1.674	2.608	10.5	19.5
5 21	16 8.24	−41 56.7	1.644	2.610	8.4	19.3
5 31	15 58.22	−41 11.3	1.638	2.611	7.8	19.3
6 10	15 49.25	−40 5.3	1.656	2.614	9.3	19.4
6 20	15 42.42	−38 45.8	1.699	2.616	11.9	19.6
6 30	15 38.47	−37 21.1	1.763	2.620	14.6	19.7

308511 2005 UL_{19} 5 24.3 216°.72 1°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.55	−24 50.0	2.701	3.545	10.1	21.5
5 1	16 22.99	−24 53.6	2.614	3.539	7.5	21.3
5 11	16 15.85	−24 51.7	2.552	3.533	4.6	21.1
5 21	16 7.71	−24 44.0	2.518	3.526	1.7	20.9
5 31	15 59.28	−24 31.5	2.512	3.519	2.3	20.9
6 10	15 51.32	−24 15.8	2.536	3.512	5.4	21.1
6 20	15 44.49	−23 59.3	2.586	3.505	8.3	21.3
6 30	15 39.30	−23 44.5	2.661	3.497	10.9	21.4

33977 2000 NY_{19} 5 24.3 188°.94 1°.1/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.59	−18 57.0	2.225	3.081	11.6	19.5
5 1	16 24.61	−18 30.3	2.147	3.080	8.5	19.3
5 11	16 16.85	−17 59.9	2.093	3.078	5.0	19.1
5 21	16 7.97	−17 27.3	2.067	3.077	1.5	18.8
5 31	15 58.82	−16 55.1	2.069	3.074	3.1	18.9
6 10	15 50.30	−16 26.0	2.100	3.071	6.7	19.2
6 20	15 43.15	−16 2.8	2.157	3.067	10.1	19.4
6 30	15 37.93	−15 47.6	2.236	3.063	13.0	19.5

191092 2002 CP_{314} 5 24.3 63°.63 4°.8/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.21	−33 58.5	1.763	2.599	15.0	20.5
5 1	16 26.47	−34 9.5	1.691	2.602	11.8	20.3
5 11	16 18.21	−34 4.6	1.641	2.606	8.3	20.1
5 21	16 8.33	−33 42.1	1.615	2.609	5.4	20.0
5 31	15 58.11	−33 2.6	1.616	2.612	5.2	20.0
6 10	15 48.85	−32 10.4	1.642	2.616	7.9	20.1
6 20	15 41.59	−31 11.6	1.692	2.619	11.4	20.3
6 30	15 37.02	−30 12.9	1.765	2.623	14.6	20.5

295077 2008 EG_{133} 5 24.3 317°.71 3°.1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.76	−31 11.6	2.183	3.021	12.4	20.2
5 1	16 23.51	−31 9.2	2.102	3.018	9.6	20.0
5 11	16 16.30	−30 55.1	2.044	3.015	6.4	19.8
5 21	16 7.85	−30 28.7	2.012	3.012	3.6	19.7
5 31	15 59.09	−29 51.2	2.007	3.009	3.7	19.7
6 10	15 51.01	−29 5.8	2.030	3.006	6.5	19.8
6 20	15 44.44	−28 16.9	2.078	3.003	9.6	20.0
6 30	15 39.97	−27 29.3	2.149	3.001	12.6	20.2

512661 2016 TE_{72} 5 24.3 281°.57 3°.5/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.28	−32 0.1	2.220	3.054	12.4	21.0
5 1	16 23.95	−32 3.5	2.133	3.045	9.6	20.8
5 11	16 16.60	−31 55.2	2.068	3.036	6.6	20.6
5 21	16 7.94	−31 33.9	2.030	3.027	4.0	20.4
5 31	15 58.90	−31 0.5	2.019	3.018	3.9	20.4
6 10	15 50.50	−30 17.9	2.035	3.009	6.6	20.5
6 20	15 43.59	−29 30.3	2.077	3.001	9.7	20.7
6 30	15 38.80	−28 42.7	2.142	2.992	12.6	20.9

183531 2003 FA_{132} 5 24.3 186°.74 2°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.90	−14 11.7	2.601	3.458	10.0	21.1
5 1	16 21.68	−13 39.1	2.525	3.458	7.4	20.9
5 11	16 15.04	−13 6.3	2.475	3.457	4.6	20.8
5 21	16 7.53	−12 35.4	2.452	3.456	2.5	20.6
5 31	15 59.82	−12 8.7	2.458	3.455	3.6	20.7
6 10	15 52.61	−11 48.3	2.492	3.453	6.4	20.9
6 20	15 46.49	−11 35.8	2.553	3.451	9.2	21.0
6 30	15 41.92	−11 32.1	2.636	3.449	11.6	21.2

429463 2010 WY_{39} 5 24.3 269°.47 3°.7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.84	−12 49.1	1.777	2.640	13.7	21.3
5 1	16 26.97	−12 19.6	1.677	2.611	10.3	21.1
5 11	16 18.64	−11 50.3	1.600	2.582	6.6	20.8
5 21	16 8.52	−11 24.3	1.549	2.552	3.8	20.5
5 31	15 57.65	−11 4.9	1.525	2.522	5.4	20.6
6 10	15 47.24	−10 55.3	1.528	2.490	9.5	20.7
6 20	15 38.37	−10 57.8	1.554	2.458	13.7	20.9
6 30	15 31.90	−11 13.5	1.602	2.425	17.4	21.1

319695 2006 TF_{115} 5 24.3 346°.13 8°.4/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.38	− 0 48.6	1.796	2.655	13.7	20.6
5 1	16 21.06	+ 0 19.8	1.733	2.650	11.2	20.4
5 11	16 14.87	+ 1 17.4	1.694	2.645	9.1	20.3
5 21	16 7.51	+ 1 58.7	1.678	2.641	8.4	20.2
5 31	15 59.86	+ 2 19.1	1.686	2.638	9.5	20.3
6 10	15 52.88	+ 2 16.6	1.718	2.635	11.8	20.4
6 20	15 47.34	+ 1 51.9	1.772	2.632	14.4	20.6
6 30	15 43.81	+ 1 7.6	1.844	2.630	16.8	20.7

117435 Severochoa 5 24.3 109°.64 1°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.65	−25 7.4	1.922	2.779	13.1	20.3
5 1	16 24.25	−24 54.1	1.847	2.779	9.7	20.1
5 11	16 16.78	−24 32.2	1.796	2.780	5.9	19.9
5 21	16 7.99	−24 2.2	1.771	2.780	2.0	19.6
5 31	15 58.90	−23 26.4	1.773	2.781	2.9	19.7
6 10	15 50.57	−22 48.2	1.802	2.781	6.9	19.9
6 20	15 43.85	−22 11.8	1.856	2.781	10.6	20.1
6 30	15 39.37	−21 40.8	1.932	2.782	13.8	20.3

54522 Menaechmus 5 24.3 321°.13 4°.9/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.08	−34 42.3	2.008	2.838	13.6	18.9
5 1	16 24.80	−35 1.3	1.926	2.831	10.9	18.7
5 11	16 17.22	−35 6.2	1.865	2.825	7.9	18.5
5 21	16 8.12	−34 54.9	1.830	2.819	5.4	18.3
5 31	15 58.59	−34 27.5	1.820	2.813	5.2	18.3
6 10	15 49.79	−33 46.9	1.837	2.808	7.5	18.4
6 20	15 42.71	−32 57.9	1.879	2.802	10.6	18.6
6 30	15 38.04	−32 6.4	1.943	2.797	13.6	18.8

192293 Dominikbrunner 5 24.3 181°.33 0°.4/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.31	−23 34.0	2.292	3.142	11.5	21.0
5 1	16 24.41	−23 14.9	2.214	3.143	8.5	20.8
5 11	16 16.74	−22 49.1	2.160	3.143	5.1	20.6
5 21	16 7.97	−22 17.4	2.133	3.143	1.4	20.3
5 31	15 58.95	−21 42.0	2.135	3.143	2.5	20.4
6 10	15 50.58	−21 5.7	2.165	3.142	6.1	20.6
6 20	15 43.58	−20 31.9	2.222	3.140	9.5	20.8
6 30	15 38.50	−20 3.5	2.302	3.138	12.4	21.0

153840 2001 XZ_{20} 5 24.3 217°.90 1°.8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.55	−26 13.9	2.073	2.919	12.7	20.0
5 1	16 26.40	−26 21.9	1.988	2.913	9.5	19.7
5 11	16 18.09	−26 21.9	1.926	2.905	6.0	19.5
5 21	16 8.34	−26 13.2	1.891	2.898	2.5	19.3
5 31	15 58.15	−25 56.4	1.883	2.889	3.1	19.3
6 10	15 48.61	−25 34.0	1.904	2.881	6.8	19.5
6 20	15 40.63	−25 9.6	1.950	2.872	10.4	19.7
6 30	15 34.89	−24 46.9	2.019	2.862	13.6	19.9

503778 2016 QE_{66} 5 24.3 228°.70 4°.4/21.7 18

4 21	16 27.16	− 9 25.3	2.228	3.088	11.4	21.0
5 1	16 22.08	− 8 35.9	2.153	3.083	8.6	20.8
5 11	16 15.37	− 7 49.1	2.103	3.078	5.9	20.6
5 21	16 7.63	− 7 8.5	2.080	3.073	4.4	20.5
5 31	15 59.65	− 6 37.3	2.084	3.067	5.6	20.6
6 10	15 52.22	− 6 18.2	2.115	3.061	8.3	20.7
6 20	15 46.02	− 6 12.3	2.170	3.055	11.1	20.9
6 30	15 41.57	− 6 19.7	2.247	3.049	13.7	21.1

519886 2013 OV_{12} 5 24.3 183°.18 6°.3/27.2 17

4 21	16 36.02	−38 49.6	2.167	2.968	13.8	21.9
5 1	16 29.15	−39 29.1	2.087	2.968	11.3	21.8
5 11	16 19.79	−39 53.2	2.029	2.968	8.7	21.6
5 21	16 8.78	−39 58.3	1.997	2.968	6.7	21.5
5 31	15 57.29	−39 43.2	1.991	2.967	6.5	21.5
6 10	15 46.61	−39 10.2	2.012	2.966	8.2	21.5
6 20	15 37.78	−38 24.3	2.058	2.964	10.7	21.7
6 30	15 31.54	−37 32.1	2.126	2.962	13.3	21.9

13817 Genobechetti 5 24.3 56°.89 6°.8/19.8 18

4 21	16 25.18	− 1 42.6	2.314	3.163	11.4	17.3
5 1	16 20.50	− 0 33.6	2.254	3.166	9.2	17.2
5 11	16 14.38	+ 0 27.2	2.219	3.169	7.4	17.1
5 21	16 7.38	+ 1 15.7	2.209	3.172	6.8	17.0
5 31	16 0.21	+ 1 48.2	2.226	3.174	7.7	17.1
6 10	15 53.60	+ 2 2.8	2.269	3.177	9.7	17.2
6 20	15 48.14	+ 1 59.4	2.334	3.180	11.8	17.4
6 30	15 44.30	+ 1 39.5	2.419	3.183	13.9	17.5

207690 2007 RE_{19} 5 24.3 210°.64 0°.9/23.8 17 R

4 21	16 28.77	−19 29.0	2.195	3.054	11.6	21.2
5 1	16 23.36	−19 9.0	2.116	3.051	8.5	21.0
5 11	16 16.16	−18 45.3	2.062	3.048	5.0	20.8
5 21	16 7.85	−18 19.1	2.034	3.045	1.4	20.5
5 31	15 59.24	−17 52.8	2.035	3.041	2.9	20.7
6 10	15 51.24	−17 29.0	2.064	3.037	6.6	20.9
6 20	15 44.58	−17 10.1	2.118	3.034	10.0	21.1
6 30	15 39.83	−16 58.4	2.195	3.030	12.9	21.3

355673 2008 EB_{139} 5 24.3 33°.66 5°.8/20.4 17

4 21	16 25.32	− 6 59.2	2.127	2.990	11.7	20.5
5 1	16 20.70	− 5 38.8	2.067	2.994	9.1	20.4
5 11	16 14.53	− 4 22.6	2.031	2.998	6.7	20.2
5 21	16 7.42	− 3 15.7	2.021	3.003	5.8	20.2
5 31	16 0.15	− 2 22.5	2.039	3.007	7.0	20.3
6 10	15 53.50	− 1 46.0	2.082	3.012	9.3	20.4
6 20	15 48.12	− 1 27.2	2.149	3.017	11.9	20.6
6 30	15 44.47	− 1 25.8	2.236	3.022	14.2	20.8

465641 2009 PW_{3} 5 24.3 301°.31 8°.7/19.9 18

4 21	16 27.90	− 4 52.0	1.456	2.330	15.5	20.7
5 1	16 23.58	− 3 27.3	1.372	2.303	12.4	20.4
5 11	16 16.73	− 2 7.6	1.309	2.276	9.7	20.2
5 21	16 8.07	− 1 0.7	1.270	2.249	8.7	20.1
5 31	15 58.71	− 0 14.4	1.254	2.222	10.3	20.1
6 10	15 49.93	+ 0 6.1	1.261	2.195	13.7	20.2
6 20	15 42.88	− 0 0.9	1.288	2.169	17.4	20.3
6 30	15 38.42	− 0 33.9	1.332	2.143	20.9	20.5

133927 2004 SG_{33} 5 24.3 300°.77 3°.2/22.9 17

4 21	16 28.50	−14 44.7	1.644	2.519	14.0	19.5
5 1	16 23.74	−14 11.7	1.562	2.504	10.4	19.2
5 11	16 16.66	−13 37.7	1.504	2.490	6.4	19.0
5 21	16 8.02	−13 5.8	1.469	2.476	3.3	18.7
5 31	15 58.87	−12 39.6	1.461	2.462	5.0	18.8
6 10	15 50.40	−12 22.6	1.479	2.448	9.1	19.0
6 20	15 43.58	−12 17.3	1.519	2.434	13.2	19.2
6 30	15 39.16	−12 24.9	1.580	2.421	16.8	19.4

347739 2002 AL_{51} 5 24.3 103°.69 7°.4/20.6 18

4 21	16 27.40	+ 2 47.2	2.397	3.228	11.6	20.8
5 1	16 22.03	+ 3 26.8	2.343	3.238	9.7	20.6
5 11	16 15.23	+ 3 54.5	2.314	3.247	8.0	20.5
5 21	16 7.59	+ 4 7.1	2.309	3.257	7.4	20.5
5 31	15 59.83	+ 4 2.4	2.331	3.266	8.1	20.6
6 10	15 52.66	+ 3 39.9	2.378	3.275	9.8	20.7
6 20	15 46.66	+ 3 0.9	2.448	3.284	11.7	20.8
6 30	15 42.28	+ 2 7.9	2.539	3.293	13.6	21.0

180498 2004 CC_{90} 5 24.3 0°.14 0°.8/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.88	−24 1.2	1.168	2.057	17.4	20.2
5 1	16 23.25	−23 44.0	1.105	2.054	13.0	19.9
5 11	16 16.62	−23 15.6	1.062	2.052	7.8	19.6
5 21	16 8.03	−22 37.3	1.041	2.052	2.2	19.3
5 31	15 58.95	−21 52.9	1.043	2.052	3.8	19.4
6 10	15 51.00	−21 8.5	1.068	2.054	9.3	19.7
6 20	15 45.39	−20 30.0	1.114	2.057	14.4	20.0
6 30	15 42.92	−20 2.1	1.178	2.061	18.6	20.3

106583 2000 WE_{102} 5 24.3 185°.24 4°.1/21.9 18

4 21	16 26.60	− 7 39.6	2.637	3.489	10.1	20.1
5 1	16 21.43	− 7 6.2	2.565	3.489	7.7	19.9
5 11	16 14.90	− 6 36.8	2.518	3.489	5.4	19.8
5 21	16 7.53	− 6 13.9	2.499	3.488	4.2	19.7
5 31	15 59.97	− 5 59.9	2.508	3.487	5.1	19.7
6 10	15 52.89	− 5 56.2	2.544	3.486	7.3	19.9
6 20	15 46.85	− 6 3.4	2.606	3.485	9.7	20.0
6 30	15 42.30	− 6 21.2	2.690	3.483	11.9	20.2

338748 2003 UB_{167} 5 24.3 261°.68 6°.1/26.2 18

4 21	16 35.66	−36 25.8	2.164	2.974	13.5	21.0
5 1	16 29.13	−37 22.9	2.066	2.956	11.0	20.8
5 11	16 19.98	−38 8.0	1.992	2.938	8.4	20.6
5 21	16 8.90	−38 36.9	1.943	2.919	6.4	20.5
5 31	15 57.02	−38 47.0	1.921	2.900	6.4	20.4
6 10	15 45.63	−38 38.9	1.925	2.881	8.4	20.5
6 20	15 35.91	−38 16.4	1.955	2.861	11.2	20.6
6 30	15 28.78	−37 45.4	2.007	2.841	14.0	20.8

188105 2001 YQ_{110} 5 24.3 290°.99 0°.6/24.6 17

4 21	16 30.06	−26 21.5	1.631	2.493	14.7	20.1
5 1	16 25.04	−25 26.4	1.539	2.474	11.0	19.8
5 11	16 17.50	−24 15.8	1.469	2.455	6.7	19.5
5 21	16 8.25	−22 51.6	1.425	2.435	1.9	19.1
5 31	15 58.48	−21 18.5	1.408	2.416	3.3	19.2
6 10	15 49.50	−19 43.8	1.417	2.397	8.3	19.4
6 20	15 42.38	−18 15.5	1.450	2.378	12.8	19.6
6 30	15 37.90	−16 59.9	1.505	2.359	16.8	19.8

392562 2011 SK_{83} 5 24.3 231°.92 4°.9/26.5 18

4 21	16 32.41	−35 49.1	2.505	3.315	11.9	21.3
5 1	16 26.23	−36 24.6	2.415	3.307	9.5	21.1
5 11	16 17.99	−36 48.5	2.349	3.298	7.1	21.0
5 21	16 8.35	−36 58.4	2.309	3.290	5.2	20.8
5 31	15 58.25	−36 53.3	2.297	3.281	5.1	20.8
6 10	15 48.69	−36 34.8	2.312	3.271	6.9	20.9
6 20	15 40.56	−36 6.2	2.353	3.262	9.4	21.0
6 30	15 34.53	−35 32.2	2.417	3.252	11.9	21.2

214971 2008 AW_{4} 5 24.3 187°.20 5°.5/21.2 18

4 21	16 27.36	− 3 20.4	2.544	3.389	10.6	21.0
5 1	16 22.01	− 2 44.0	2.474	3.388	8.4	20.9
5 11	16 15.25	− 2 14.7	2.430	3.387	6.4	20.8
5 21	16 7.62	− 1 55.2	2.412	3.386	5.5	20.7
5 31	15 59.80	− 1 48.1	2.422	3.385	6.3	20.8
6 10	15 52.47	− 1 54.4	2.458	3.383	8.3	20.9
6 20	15 46.23	− 2 14.1	2.520	3.381	10.6	21.0
6 30	15 41.53	− 2 46.2	2.603	3.379	12.7	21.2

232873 2004 VY_{23} 5 24.3 191°.29 5°.7/21.1 18

4 21	16 29.11	− 3 42.3	2.415	3.260	11.1	21.4
5 1	16 23.36	− 2 56.6	2.344	3.258	8.8	21.2
5 11	16 16.07	− 2 17.5	2.298	3.256	6.7	21.1
5 21	16 7.83	− 1 48.5	2.279	3.253	5.7	21.0
5 31	15 59.38	− 1 32.5	2.287	3.250	6.7	21.1
6 10	15 51.45	− 1 31.1	2.322	3.246	8.8	21.2
6 20	15 44.70	− 1 44.3	2.382	3.242	11.2	21.3
6 30	15 39.61	− 2 11.2	2.463	3.236	13.4	21.5

520046 2013 VP_{29} 5 24.3 57°.77 3°.5/22.6 17

4 21	16 28.56	−14 24.7	1.689	2.562	13.7	21.0
5 1	16 23.37	−13 32.1	1.636	2.577	10.1	20.8
5 11	16 16.19	−12 39.3	1.606	2.591	6.3	20.6
5 21	16 7.86	−11 50.3	1.602	2.606	3.6	20.4
5 31	15 59.40	−11 9.2	1.624	2.621	5.1	20.6
6 10	15 51.83	−10 39.6	1.671	2.636	8.7	20.8
6 20	15 45.96	−10 23.4	1.743	2.651	12.2	21.1
6 30	15 42.29	−10 21.1	1.835	2.666	15.2	21.3

259337 2003 FK_{120} 5 24.3 358°.00 7°.0/27.5 16

4 21	16 33.21	−40 42.7	2.216	3.012	13.6	20.3
5 1	16 27.14	−41 31.1	2.138	3.012	11.4	20.1
5 11	16 18.65	−42 3.8	2.083	3.012	9.1	20.0
5 21	16 8.53	−42 17.2	2.051	3.012	7.4	19.9
5 31	15 57.93	−42 9.7	2.045	3.012	7.1	19.9
6 10	15 48.07	−41 43.4	2.065	3.012	8.5	20.0
6 20	15 39.99	−41 2.7	2.110	3.012	10.7	20.1
6 30	15 34.44	−40 13.9	2.177	3.012	13.0	20.2

507783 2014 AK_{38} 5 24.3 112°.58 2°.6/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.28	−14 20.0	2.010	2.874	12.3	21.8
5 1	16 23.77	−14 0.2	1.943	2.880	9.0	21.6
5 11	16 16.42	−13 40.9	1.901	2.885	5.5	21.4
5 21	16 7.94	−13 24.2	1.884	2.890	2.7	21.3
5 31	15 59.22	−13 12.3	1.896	2.896	4.1	21.4
6 10	15 51.20	−13 7.2	1.934	2.901	7.5	21.6
6 20	15 44.62	−13 10.3	1.997	2.906	10.8	21.8
6 30	15 40.04	−13 22.3	2.082	2.911	13.7	22.0

356844 2011 WE_{3} 5 24.3 184°.88 0°.6/24.7 17

4 21	16 27.45	−24 20.0	2.679	3.525	10.1	21.3
5 1	16 22.13	−23 59.1	2.598	3.525	7.5	21.1
5 11	16 15.35	−23 31.9	2.542	3.525	4.5	21.0
5 21	16 7.66	−22 59.2	2.514	3.524	1.3	20.7
5 31	15 59.78	−22 22.9	2.516	3.523	2.2	20.8
6 10	15 52.42	−21 45.5	2.546	3.522	5.3	21.0
6 20	15 46.21	−21 9.9	2.603	3.521	8.3	21.2
6 30	15 41.61	−20 38.8	2.684	3.520	10.8	21.4

210221 2007 RR_{60} 5 24.3 225°.40 0°.1/24.3 17

4 21	16 33.56	−22 32.8	1.734	2.593	14.1	21.4
5 1	16 27.43	−22 14.7	1.650	2.584	10.5	21.1
5 11	16 18.84	−21 48.9	1.589	2.575	6.3	20.8
5 21	16 8.60	−21 16.2	1.554	2.564	1.6	20.5
5 31	15 57.84	−20 39.0	1.546	2.553	3.2	20.6
6 10	15 47.85	−20 1.2	1.564	2.542	7.9	20.9
6 20	15 39.66	−19 27.4	1.608	2.530	12.2	21.1
6 30	15 34.04	−19 1.5	1.673	2.517	15.9	21.3

235153 2003 RP_{1} 5 24.3 286°.88 5°.9/22.1 18

4 21	16 29.93	− 6 6.9	1.841	2.701	13.4	19.9
5 1	16 24.62	− 5 40.5	1.753	2.680	10.5	19.6
5 11	16 17.15	− 5 21.2	1.687	2.658	7.5	19.4
5 21	16 8.18	− 5 12.8	1.647	2.636	5.9	19.3
5 31	15 58.66	− 5 18.4	1.633	2.614	7.1	19.3
6 10	15 49.64	− 5 39.7	1.644	2.592	10.1	19.4
6 20	15 42.06	− 6 16.7	1.679	2.570	13.5	19.6
6 30	15 36.65	− 7 8.0	1.735	2.548	16.7	19.7

82582 2001 OG_{87} 5 24.3 249°.20 6°.2/20.9 18

4 21	16 27.05	− 3 47.7	2.190	3.043	11.8	19.0
5 1	16 22.03	− 2 57.0	2.118	3.037	9.4	18.9
5 11	16 15.38	− 2 13.3	2.071	3.031	7.2	18.7
5 21	16 7.69	− 1 40.6	2.049	3.025	6.2	18.6
5 31	15 59.74	− 1 22.3	2.054	3.018	7.2	18.7
6 10	15 52.33	− 1 20.2	2.085	3.012	9.5	18.8
6 20	15 46.15	− 1 34.5	2.139	3.005	12.0	19.0
6 30	15 41.73	− 2 4.0	2.214	2.998	14.4	19.1

80066 1999 JD_{92} 5 24.3 80°.01 4°.8/22.5 18

4 21	16 29.75	− 6 31.1	2.089	2.944	12.2	18.8
5 1	16 23.92	− 6 16.0	2.035	2.960	9.3	18.6
5 11	16 16.41	− 6 7.8	2.005	2.975	6.5	18.5
5 21	16 7.93	− 6 9.0	2.001	2.991	4.9	18.4
5 31	15 59.31	− 6 21.1	2.024	3.007	5.8	18.5
6 10	15 51.42	− 6 44.6	2.074	3.022	8.3	18.7
6 20	15 44.91	− 7 18.9	2.149	3.037	11.1	18.9
6 30	15 40.28	− 8 2.9	2.246	3.053	13.6	19.1

19862 2556 P–L 5 24.3 212°.78 2°.6/25.8 18

4 21	16 29.91	−30 21.4	2.991	3.814	9.8	19.4
5 1	16 23.97	−30 38.1	2.899	3.807	7.5	19.3
5 11	16 16.48	−30 47.1	2.832	3.799	5.1	19.1
5 21	16 7.97	−30 47.5	2.793	3.791	3.0	18.9
5 31	15 59.15	−30 39.2	2.784	3.783	3.1	18.9
6 10	15 50.76	−30 23.8	2.803	3.774	5.2	19.1
6 20	15 43.45	−30 3.6	2.850	3.765	7.8	19.2
6 30	15 37.75	−29 41.7	2.922	3.755	10.1	19.4

35084 1990 SP_{9} 5 24.3 185°.30 3°.9/22.7 17

4 21	16 32.74	−12 41.2	1.705	2.570	14.0	19.4
5 1	16 26.61	−12 2.1	1.635	2.571	10.5	19.2
5 11	16 18.23	−11 24.0	1.588	2.571	6.7	19.0
5 21	16 8.43	−10 50.3	1.567	2.570	4.0	18.8
5 31	15 58.28	−10 24.7	1.573	2.569	5.5	18.9
6 10	15 48.95	−10 10.3	1.605	2.567	9.2	19.1
6 20	15 41.35	−10 8.7	1.661	2.564	13.0	19.3
6 30	15 36.15	−10 20.4	1.738	2.561	16.3	19.5

399268 2014 HL_{60} 5 24.3 256°.50 1°.1/23.7 18

4 21	16 27.65	−18 4.3	2.395	3.254	10.7	21.5
5 1	16 22.47	−17 52.0	2.310	3.245	7.9	21.3
5 11	16 15.66	−17 37.5	2.250	3.235	4.7	21.1
5 21	16 7.78	−17 22.0	2.216	3.226	1.5	20.9
5 31	15 59.58	−17 7.2	2.211	3.217	2.9	21.0
6 10	15 51.87	−16 55.0	2.235	3.207	6.2	21.2
6 20	15 45.34	−16 47.5	2.284	3.197	9.4	21.3
6 30	15 40.54	−16 46.0	2.356	3.188	12.2	21.5

308609 2005 WP_{31} 5 24.3 249°.11 0°.1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.71	−20 58.9	2.038	2.892	12.5	21.2
5 1	16 26.62	−21 4.0	1.943	2.875	9.3	21.0
5 11	16 18.32	−21 5.1	1.873	2.857	5.6	20.7
5 21	16 8.49	−21 2.3	1.829	2.839	1.4	20.4
5 31	15 58.09	−20 56.4	1.813	2.820	2.9	20.4
6 10	15 48.20	−20 49.3	1.825	2.801	7.1	20.7
6 20	15 39.77	−20 43.5	1.863	2.781	11.0	20.9
6 30	15 33.56	−20 41.9	1.923	2.761	14.4	21.0

87445 2000 QM_{113} 5 24.3 302°.66 2°.7/25.4 18

4 21	16 31.47	−27 46.6	1.691	2.546	14.6	19.9
5 1	16 26.02	−27 57.0	1.614	2.543	11.1	19.7
5 11	16 18.05	−27 57.0	1.560	2.539	7.1	19.4
5 21	16 8.42	−27 45.1	1.530	2.535	3.4	19.2
5 31	15 58.31	−27 22.4	1.526	2.532	3.8	19.2
6 10	15 49.02	−26 52.1	1.549	2.529	7.7	19.4
6 20	15 41.63	−26 19.0	1.595	2.525	11.7	19.6
6 30	15 36.89	−25 48.2	1.663	2.522	15.3	19.9

352453 2008 AN_{69} 5 24.3 227°.25 3°.9/26.4 18

4 21	16 30.45	−33 42.3	2.410	3.233	11.9	21.3
5 1	16 24.71	−33 53.2	2.324	3.228	9.3	21.1
5 11	16 17.05	−33 52.1	2.262	3.222	6.6	20.9
5 21	16 8.14	−33 37.9	2.225	3.217	4.3	20.8
5 31	15 58.88	−33 10.8	2.217	3.211	4.2	20.7
6 10	15 50.25	−32 33.3	2.235	3.205	6.4	20.9
6 20	15 43.05	−31 49.4	2.281	3.199	9.2	21.0
6 30	15 37.88	−31 3.8	2.349	3.193	11.9	21.2

271638 2004 PP_{85} 5 24.3 295°.28 3°.2/23.0 18

4 21	16 29.42	−14 30.5	1.668	2.540	13.9	20.6
5 1	16 24.56	−14 1.9	1.574	2.515	10.4	20.4
5 11	16 17.27	−13 32.4	1.503	2.489	6.5	20.1
5 21	16 8.26	−13 4.9	1.456	2.463	3.3	19.8
5 31	15 58.56	−12 42.7	1.436	2.437	5.1	19.8
6 10	15 49.38	−12 29.4	1.441	2.410	9.3	20.0
6 20	15 41.80	−12 27.4	1.470	2.384	13.6	20.2
6 30	15 36.67	−12 38.4	1.518	2.359	17.4	20.4

100205 1994 GB_{7} 5 24.3 28°.65 1°.8/24.8 17

4 21	16 31.16	−24 25.9	1.203	2.083	17.6	19.1
5 1	16 26.31	−24 39.6	1.147	2.091	13.1	18.9
5 11	16 18.39	−24 43.9	1.112	2.099	8.0	18.6
5 21	16 8.51	−24 38.0	1.099	2.108	2.8	18.3
5 31	15 58.23	−24 23.5	1.109	2.118	3.9	18.4
6 10	15 49.19	−24 4.4	1.144	2.128	9.1	18.7
6 20	15 42.62	−23 45.7	1.200	2.139	13.8	19.0
6 30	15 39.27	−23 32.0	1.275	2.151	17.9	19.3

324995 2008 BA_{15} 5 24.3 167°.35 0°.2/24.4 17

4 21	16 33.34	−22 32.7	1.865	2.721	13.4	22.4
5 1	16 26.97	−22 15.2	1.793	2.725	9.9	22.2
5 11	16 18.42	−21 50.9	1.744	2.729	5.9	22.0
5 21	16 8.49	−21 20.5	1.721	2.732	1.5	21.7
5 31	15 58.27	−20 46.5	1.727	2.735	3.0	21.8
6 10	15 48.88	−20 12.5	1.760	2.736	7.2	22.0
6 20	15 41.22	−19 42.2	1.818	2.738	11.1	22.3
6 30	15 35.91	−19 19.0	1.898	2.739	14.4	22.5

246114 2007 GR_{70} 5 24.3 315°.84 2°.0/22.5 18

4 21	16 20.36	−12 19.1	4.034	4.889	6.8	20.2
5 1	16 16.58	−11 52.5	3.954	4.884	5.0	20.1
5 11	16 11.96	−11 26.7	3.900	4.880	3.2	19.9
5 21	16 6.84	−11 3.0	3.875	4.875	2.0	19.8
5 31	16 1.59	−10 42.9	3.879	4.871	2.8	19.9
6 10	15 56.62	−10 27.6	3.912	4.867	4.5	20.0
6 20	15 52.26	−10 18.0	3.971	4.862	6.4	20.1
6 30	15 48.83	−10 14.5	4.055	4.858	8.1	20.2

149761 2004 PT_{72} 5 24.3 145°.89 4°.8/27.3 18

4 21	16 30.95	−37 40.6	2.646	3.449	11.5	20.3
5 1	16 24.95	−37 58.4	2.569	3.453	9.3	20.2
5 11	16 17.12	−38 3.1	2.514	3.458	7.0	20.0
5 21	16 8.16	−37 53.2	2.486	3.462	5.2	19.9
5 31	15 58.94	−37 28.7	2.485	3.467	4.9	19.9
6 10	15 50.38	−36 51.9	2.511	3.471	6.5	20.0
6 20	15 43.22	−36 6.7	2.564	3.474	8.7	20.1
6 30	15 38.04	−35 17.8	2.641	3.478	10.9	20.3

470440 2007 WY_{45} 5 24.3 170°.06 2°.7/25.4 17

4 21	16 31.93	−28 24.4	2.339	3.176	11.7	21.3
5 1	16 25.77	−28 51.0	2.261	3.178	8.9	21.1
5 11	16 17.67	−29 9.7	2.206	3.179	5.9	20.9
5 21	16 8.31	−29 19.0	2.179	3.181	3.1	20.7
5 31	15 58.60	−29 19.0	2.180	3.182	3.4	20.7
6 10	15 49.49	−29 11.2	2.209	3.183	6.2	20.9
6 20	15 41.80	−28 58.4	2.265	3.184	9.3	21.1
6 30	15 36.14	−28 44.2	2.344	3.184	12.0	21.3

104206 2000 EO_{112} 5 24.3 142°.84 1°.1/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.40	−18 23.5	2.068	2.929	12.1	20.0
5 1	16 23.89	−18 9.1	1.996	2.932	8.8	19.8
5 11	16 16.53	−17 52.0	1.949	2.935	5.2	19.6
5 21	16 8.02	−17 33.7	1.928	2.938	1.6	19.4
5 31	15 59.24	−17 16.0	1.935	2.940	3.1	19.5
6 10	15 51.12	−17 1.5	1.969	2.943	6.8	19.7
6 20	15 44.44	−16 52.3	2.029	2.945	10.3	19.9
6 30	15 39.76	−16 50.1	2.111	2.947	13.3	20.1

318587 2005 GS_{220} 5 24.3 195°.90 3°.0/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.23	−28 23.8	1.829	2.673	14.2	21.2
5 1	16 28.68	−28 45.5	1.750	2.671	10.8	20.9
5 11	16 19.61	−28 57.3	1.694	2.669	7.1	20.7
5 21	16 8.84	−28 57.1	1.663	2.666	3.6	20.5
5 31	15 57.56	−28 44.8	1.659	2.663	3.9	20.5
6 10	15 47.09	−28 23.3	1.683	2.659	7.6	20.7
6 20	15 38.48	−27 56.7	1.731	2.655	11.4	20.9
6 30	15 32.51	−27 30.3	1.802	2.650	14.8	21.1

364611 2007 RT_{293} 5 24.3 45°.60 4°.0/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.87	−28 17.3	1.342	2.205	17.2	20.8
5 1	16 29.08	−28 58.7	1.278	2.208	13.2	20.5
5 11	16 20.10	−29 28.7	1.234	2.212	8.7	20.3
5 21	16 8.99	−29 43.9	1.213	2.217	4.7	20.1
5 31	15 57.29	−29 43.5	1.217	2.221	5.0	20.1
6 10	15 46.72	−29 30.4	1.246	2.226	9.2	20.3
6 20	15 38.61	−29 10.0	1.297	2.230	13.6	20.6
6 30	15 33.83	−28 48.8	1.368	2.235	17.4	20.8

130085 1999 WX_{16} 5 24.3 314°.56 3°.2/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.09	−27 52.0	1.761	2.613	14.3	19.7
5 1	16 26.49	−28 24.7	1.683	2.609	10.9	19.5
5 11	16 18.37	−28 48.6	1.627	2.604	7.1	19.3
5 21	16 8.54	−29 1.5	1.597	2.600	3.7	19.0
5 31	15 58.16	−29 2.7	1.592	2.596	4.1	19.1
6 10	15 48.52	−28 54.4	1.614	2.592	7.7	19.3
6 20	15 40.71	−28 40.3	1.660	2.588	11.5	19.5
6 30	15 35.51	−28 25.0	1.728	2.584	14.9	19.7

384708 2011 HK_{41} 5 24.3 191°.84 5°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.98	− 4 38.9	2.290	3.137	11.6	21.6
5 1	16 24.10	− 4 1.9	2.218	3.136	9.1	21.4
5 11	16 16.59	− 3 31.5	2.171	3.134	6.7	21.3
5 21	16 8.05	− 3 11.0	2.151	3.131	5.6	21.2
5 31	15 59.26	− 3 3.1	2.158	3.128	6.5	21.2
6 10	15 51.03	− 3 9.2	2.192	3.124	8.8	21.4
6 20	15 44.05	− 3 29.3	2.251	3.120	11.4	21.5
6 30	15 38.82	− 4 2.4	2.331	3.115	13.8	21.7

168893 2000 WS_{128} 5 24.3 117°.11 0°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.19	−21 23.4	1.671	2.532	14.5	20.7
5 1	16 27.64	−21 1.8	1.612	2.548	10.6	20.5
5 11	16 18.80	−20 33.9	1.577	2.563	6.2	20.3
5 21	16 8.60	−20 1.2	1.567	2.577	1.5	20.0
5 31	15 58.23	−19 26.7	1.584	2.591	3.3	20.2
6 10	15 48.88	−18 54.1	1.628	2.605	7.7	20.5
6 20	15 41.47	−18 27.3	1.697	2.618	11.7	20.8
6 30	15 36.58	−18 9.2	1.787	2.630	15.1	21.0

386331 2008 SS_{192} 5 24.3 265°.64 1°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.61	−18 48.9	1.965	2.826	12.6	21.4
5 1	16 25.10	−18 39.7	1.873	2.809	9.3	21.1
5 11	16 17.44	−18 27.5	1.805	2.792	5.5	20.9
5 21	16 8.31	−18 13.1	1.764	2.774	1.6	20.6
5 31	15 58.66	−17 58.5	1.750	2.756	3.2	20.6
6 10	15 49.55	−17 45.9	1.763	2.738	7.4	20.9
6 20	15 41.90	−17 38.1	1.801	2.719	11.3	21.0
6 30	15 36.42	−17 37.2	1.861	2.700	14.7	21.2

20767 2000 PN_{24} 5 24.3 192°.69 2°.7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.59	−27 38.1	2.220	3.056	12.3	17.9
5 1	16 27.86	−28 10.7	2.137	3.055	9.4	17.7
5 11	16 18.99	−28 35.8	2.079	3.052	6.1	17.5
5 21	16 8.69	−28 51.7	2.047	3.050	3.1	17.3
5 31	15 57.93	−28 57.7	2.044	3.047	3.5	17.3
6 10	15 47.78	−28 55.3	2.070	3.043	6.6	17.5
6 20	15 39.15	−28 47.3	2.122	3.039	9.9	17.7
6 30	15 32.72	−28 37.4	2.197	3.034	12.8	17.9

300976 2008 ER_{85} 5 24.3 178°.67 2°.7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.10	−30 24.6	2.678	3.506	10.7	21.1
5 1	16 24.22	−30 37.2	2.596	3.507	8.2	21.0
5 11	16 16.68	−30 41.1	2.539	3.508	5.5	20.8
5 21	16 8.08	−30 35.4	2.509	3.508	3.2	20.6
5 31	15 59.20	−30 20.5	2.508	3.508	3.2	20.6
6 10	15 50.87	−29 58.2	2.535	3.508	5.6	20.8
6 20	15 43.78	−29 31.6	2.589	3.507	8.3	21.0
6 30	15 38.47	−29 4.0	2.668	3.506	10.8	21.1

60051 1999 TN_{106} 5 24.3 266°.91 4°.3/21.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.48	−11 2.1	2.391	3.251	10.7	19.0
5 1	16 21.56	− 9 40.9	2.306	3.237	8.1	18.8
5 11	16 15.11	− 8 19.1	2.247	3.223	5.6	18.6
5 21	16 7.69	− 7 0.8	2.216	3.209	4.3	18.5
5 31	16 0.00	− 5 50.8	2.214	3.194	5.6	18.6
6 10	15 52.80	− 4 53.1	2.239	3.180	8.2	18.7
6 20	15 46.73	− 4 10.1	2.290	3.165	11.0	18.9
6 30	15 42.30	− 3 42.9	2.362	3.151	13.5	19.0

396130 2013 CS_{203} 5 24.3 218°.50 3°.1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.30	−11 14.1	2.547	3.403	10.3	21.5
5 1	16 22.07	−10 53.4	2.469	3.399	7.7	21.4
5 11	16 15.37	−10 34.8	2.415	3.394	5.0	21.2
5 21	16 7.75	−10 20.4	2.389	3.389	3.1	21.1
5 31	15 59.88	−10 12.1	2.391	3.384	4.2	21.1
6 10	15 52.48	−10 11.3	2.421	3.378	6.8	21.3
6 20	15 46.15	−10 19.0	2.478	3.373	9.5	21.4
6 30	15 41.40	−10 35.4	2.556	3.367	12.0	21.6

438956 2010 LQ_{17} 5 24.3 316°.31 3°.5/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.40	−32 10.2	2.006	2.847	13.2	21.0
5 1	16 23.53	−32 1.0	1.918	2.834	10.3	20.7
5 11	16 16.51	−31 38.0	1.852	2.822	7.0	20.5
5 21	16 8.07	−31 0.3	1.811	2.810	4.1	20.3
5 31	15 59.23	−30 9.5	1.797	2.799	4.0	20.3
6 10	15 51.09	−29 9.4	1.810	2.788	7.0	20.4
6 20	15 44.56	−28 5.5	1.848	2.777	10.4	20.6
6 30	15 40.31	−27 3.4	1.908	2.766	13.6	20.8

238217 2003 UW_{102} 5 24.3 157°.90 2°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.76	−13 6.8	2.480	3.335	10.5	21.7
5 1	16 23.07	−12 25.3	2.411	3.342	7.8	21.5
5 11	16 15.91	−11 44.2	2.368	3.349	4.9	21.3
5 21	16 7.88	−11 6.0	2.353	3.355	3.0	21.2
5 31	15 59.68	−10 33.3	2.367	3.360	4.1	21.3
6 10	15 52.06	−10 8.6	2.408	3.365	6.9	21.5
6 20	15 45.63	− 9 53.4	2.476	3.369	9.6	21.6
6 30	15 40.84	− 9 48.5	2.567	3.373	12.1	21.8

35256 1996 DT_{1} 5 24.3 157°.25 4°.9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.61	− 5 4.4	2.641	3.489	10.2	19.1
5 1	16 21.44	− 4 28.0	2.575	3.493	7.9	18.9
5 11	16 14.94	− 3 57.4	2.534	3.497	5.9	18.8
5 21	16 7.63	− 3 35.2	2.520	3.501	4.9	18.7
5 31	16 0.17	− 3 23.7	2.534	3.504	5.7	18.8
6 10	15 53.20	− 3 24.2	2.576	3.507	7.7	18.9
6 20	15 47.26	− 3 36.7	2.642	3.510	10.0	19.1
6 30	15 42.81	− 4 0.7	2.730	3.512	12.0	19.2

146901 2002 CO_{82} 5 24.3 109°.52 0°.9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.87	−18 57.3	2.439	3.296	10.6	20.7
5 1	16 22.50	−18 41.3	2.372	3.305	7.8	20.5
5 11	16 15.61	−18 22.7	2.329	3.315	4.5	20.3
5 21	16 7.81	−18 2.6	2.314	3.324	1.3	20.1
5 31	15 59.83	−17 42.8	2.328	3.334	2.6	20.2
6 10	15 52.45	−17 25.5	2.370	3.343	5.9	20.5
6 20	15 46.29	−17 12.6	2.438	3.352	8.9	20.7
6 30	15 41.82	−17 5.7	2.529	3.360	11.5	20.9

1592 Mathieu 5 24.3 336°.18 9°.2/22.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.21	− 1 51.5	1.258	2.137	17.1	15.1
5 1	16 22.72	− 1 27.6	1.178	2.110	13.9	14.8
5 11	16 16.45	− 1 19.8	1.117	2.085	10.8	14.5
5 21	16 8.14	− 1 34.3	1.077	2.061	9.2	14.3
5 31	15 59.01	− 2 15.9	1.060	2.038	10.4	14.3
6 10	15 50.50	− 3 25.2	1.064	2.017	13.7	14.4
6 20	15 43.88	− 4 59.1	1.088	1.998	17.6	14.6
6 30	15 40.15	− 6 52.4	1.130	1.981	21.4	14.8

514869 2008 GV_{133} 5 24.3 342°.91 2°.9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.84	− 7 37.6	3.893	4.743	7.1	20.9
5 1	16 16.96	− 7 19.5	3.817	4.740	5.4	20.7
5 11	16 12.22	− 7 4.4	3.767	4.737	3.8	20.6
5 21	16 6.95	− 6 53.9	3.745	4.734	2.9	20.5
5 31	16 1.55	− 6 49.1	3.751	4.731	3.6	20.6
6 10	15 56.43	− 6 51.0	3.786	4.728	5.1	20.7
6 20	15 51.95	− 6 59.8	3.847	4.726	6.9	20.8
6 30	15 48.41	− 7 15.5	3.932	4.723	8.5	20.9

111915 2002 GN_{3} 5 24.3 106°.76 2°.8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 38.05	−26 45.7	1.619	2.469	15.4	20.1
5 1	16 30.72	−27 17.0	1.562	2.488	11.6	19.9
5 11	16 20.74	−27 38.7	1.528	2.506	7.4	19.7
5 21	16 9.13	−27 48.5	1.519	2.525	3.4	19.5
5 31	15 57.24	−27 46.6	1.537	2.542	3.9	19.5
6 10	15 46.49	−27 35.8	1.582	2.559	7.9	19.8
6 20	15 37.93	−27 20.5	1.652	2.576	11.8	20.1
6 30	15 32.26	−27 5.5	1.743	2.592	15.1	20.3

238678 2005 EP_{205} 5 24.3 150°.83 2°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.71	−27 20.4	2.242	3.084	12.0	21.4
5 1	16 25.58	−27 26.2	2.169	3.090	9.0	21.2
5 11	16 17.54	−27 23.7	2.119	3.096	5.7	21.0
5 21	16 8.31	−27 12.2	2.096	3.101	2.6	20.8
5 31	15 58.82	−26 52.8	2.101	3.107	3.0	20.9
6 10	15 50.02	−26 27.9	2.135	3.111	6.2	21.1
6 20	15 42.70	−26 0.9	2.194	3.116	9.4	21.3
6 30	15 37.44	−25 35.5	2.277	3.120	12.3	21.5

317982 2004 AV 5 24.3 137°.64 7°.4/21.4 17

4 21	16 31.79	− 2 53.4	1.757	2.611	14.2	20.7
5 1	16 25.72	− 2 2.5	1.701	2.619	11.3	20.5
5 11	16 17.63	− 1 21.9	1.668	2.627	8.7	20.4
5 21	16 8.33	− 0 56.2	1.660	2.635	7.4	20.3
5 31	15 58.83	− 0 48.9	1.678	2.642	8.5	20.4
6 10	15 50.16	− 1 1.3	1.720	2.649	11.0	20.6
6 20	15 43.14	− 1 32.4	1.786	2.656	13.8	20.8
6 30	15 38.34	− 2 19.7	1.871	2.662	16.5	21.0

272660 2005 WN_{182} 5 24.3 152°.81 5°.5/21.8 18

4 21	16 31.19	− 3 52.0	2.350	3.192	11.5	21.1
5 1	16 24.86	− 3 23.5	2.288	3.202	9.0	20.9
5 11	16 16.98	− 3 2.5	2.250	3.211	6.7	20.8
5 21	16 8.16	− 2 51.8	2.240	3.219	5.5	20.7
5 31	15 59.17	− 2 53.6	2.258	3.226	6.4	20.8
6 10	15 50.81	− 3 8.7	2.302	3.233	8.5	20.9
6 20	15 43.71	− 3 36.6	2.373	3.239	11.0	21.1
6 30	15 38.36	− 4 16.0	2.465	3.245	13.2	21.3

307019 2001 XV_{77} 5 24.3 250°.09 1°.5/23.7 18

4 21	16 30.78	−17 59.5	1.871	2.735	13.0	21.0
5 1	16 25.24	−17 38.7	1.787	2.724	9.6	20.8
5 11	16 17.52	−17 14.8	1.725	2.712	5.7	20.5
5 21	16 8.35	−16 49.2	1.690	2.699	1.9	20.2
5 31	15 58.72	−16 24.7	1.682	2.687	3.6	20.3
6 10	15 49.72	−16 4.3	1.700	2.674	7.8	20.5
6 20	15 42.26	−15 50.7	1.744	2.660	11.7	20.7
6 30	15 37.06	−15 46.2	1.809	2.647	15.1	20.9

485220 2010 VS 5 24.3 325°.46 7°.6/ 3.2 18

4 21	16 35.50	−62 42.7	4.400	5.002	9.8	20.6
5 1	16 28.26	−63 5.4	4.316	4.999	9.1	20.5
5 11	16 19.06	−63 12.2	4.250	4.996	8.5	20.4
5 21	16 8.68	−63 0.7	4.204	4.993	7.9	20.4
5 31	15 58.14	−62 30.2	4.181	4.990	7.7	20.3
6 10	15 48.46	−61 41.8	4.180	4.988	7.7	20.3
6 20	15 40.44	−60 38.2	4.202	4.985	8.1	20.4
6 30	15 34.62	−59 23.4	4.246	4.982	8.7	20.4

430418 1997 YQ_{17} 5 24.3 243°.24 6°.3/27.6 18

4 21	16 34.12	−38 39.0	1.896	2.709	15.0	20.6
5 1	16 28.04	−38 52.1	1.811	2.702	12.2	20.4
5 11	16 19.30	−38 46.5	1.748	2.695	9.3	20.2
5 21	16 8.81	−38 19.3	1.709	2.688	6.9	20.0
5 31	15 57.85	−37 30.4	1.695	2.680	6.5	20.0
6 10	15 47.80	−36 23.6	1.708	2.672	8.5	20.1
6 20	15 39.78	−35 5.8	1.745	2.665	11.5	20.2
6 30	15 34.55	−33 45.0	1.804	2.657	14.5	20.4

286534 2002 CZ_{88} 5 24.3 358°.56 4°.6/25.9 17

4 21	16 32.33	−30 21.9	1.258	2.124	18.0	20.0
5 1	16 27.44	−30 48.1	1.191	2.122	13.9	19.7
5 11	16 19.26	−30 59.0	1.144	2.121	9.4	19.4
5 21	16 8.84	−30 51.7	1.119	2.121	5.4	19.2
5 31	15 57.79	−30 26.3	1.117	2.121	5.5	19.2
6 10	15 47.92	−29 47.3	1.139	2.121	9.6	19.4
6 20	15 40.59	−29 1.9	1.183	2.122	14.1	19.7
6 30	15 36.70	−28 17.9	1.246	2.124	18.2	20.0

265708 2005 UY_{224} 5 24.3 283°.40 1°.5/24.9 17

4 21	16 31.11	−25 25.8	1.671	2.532	14.5	20.9
5 1	16 25.75	−25 21.6	1.593	2.527	10.9	20.7
5 11	16 17.92	−25 8.0	1.538	2.522	6.7	20.4
5 21	16 8.46	−24 44.9	1.508	2.517	2.4	20.2
5 31	15 58.55	−24 14.0	1.505	2.512	3.3	20.2
6 10	15 49.45	−23 39.1	1.527	2.508	7.7	20.5
6 20	15 42.21	−23 4.9	1.573	2.503	11.9	20.7
6 30	15 37.56	−22 35.9	1.641	2.498	15.5	20.9

173122 1992 BV_{4} 5 24.3 116°.61 3°.5/22.5 18

4 21	16 28.60	− 9 29.5	2.582	3.433	10.3	21.3
5 1	16 22.85	− 9 6.7	2.524	3.450	7.7	21.1
5 11	16 15.74	− 8 47.5	2.491	3.466	5.1	21.0
5 21	16 7.85	− 8 33.7	2.486	3.482	3.5	20.9
5 31	15 59.85	− 8 27.3	2.510	3.498	4.5	21.0
6 10	15 52.43	− 8 29.2	2.562	3.513	6.8	21.2
6 20	15 46.14	− 8 40.0	2.640	3.527	9.3	21.4
6 30	15 41.42	− 8 59.6	2.741	3.542	11.5	21.5

46030 2001 DQ_{25} 5 24.3 336°.84 2°.7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.71	−16 21.9	1.130	2.026	17.3	18.1
5 1	16 23.33	−16 5.2	1.058	2.011	12.9	17.8
5 11	16 16.88	−15 47.1	1.006	1.998	7.8	17.5
5 21	16 8.27	−15 30.5	0.975	1.985	3.1	17.1
5 31	15 58.90	−15 19.2	0.967	1.973	5.3	17.2
6 10	15 50.44	−15 16.9	0.981	1.963	10.7	17.5
6 20	15 44.23	−15 26.2	1.016	1.954	15.9	17.8
6 30	15 41.24	−15 48.5	1.067	1.947	20.4	18.0

391302 2006 SJ_{378} 5 24.3 279°.56 2°.5/23.4 17

4 21	16 29.30	−13 23.4	2.128	2.989	11.8	21.0
5 1	16 23.92	−13 20.4	2.042	2.977	8.8	20.8
5 11	16 16.66	−13 19.3	1.981	2.965	5.4	20.6
5 21	16 8.15	−13 21.4	1.947	2.952	2.7	20.4
5 31	15 59.22	−13 28.4	1.940	2.940	4.0	20.4
6 10	15 50.80	−13 41.4	1.960	2.928	7.4	20.6
6 20	15 43.68	−14 1.3	2.006	2.916	10.8	20.8
6 30	15 38.48	−14 28.6	2.075	2.903	13.8	21.0

439702 2014 KZ_{47} 5 24.3 330°.38 2°.9/22.5 16

4 21	16 25.51	−15 24.3	2.067	2.937	11.7	20.2
5 1	16 21.09	−14 28.5	1.990	2.929	8.7	20.0
5 11	16 14.93	−13 30.3	1.937	2.922	5.4	19.8
5 21	16 7.69	−12 33.2	1.911	2.916	2.9	19.6
5 31	16 0.18	−11 41.1	1.912	2.909	4.4	19.7
6 10	15 53.27	−10 58.0	1.940	2.903	7.7	19.9
6 20	15 47.66	−10 26.5	1.992	2.898	11.0	20.1
6 30	15 43.91	−10 8.0	2.066	2.892	13.9	20.3

213426 2001 XN_{126} 5 24.3 197°.31 1°.0/23.9 18

4 21	16 29.34	−17 28.0	2.487	3.341	10.6	21.0
5 1	16 23.66	−17 28.9	2.407	3.339	7.7	20.8
5 11	16 16.38	−17 28.6	2.352	3.337	4.6	20.6
5 21	16 8.06	−17 27.9	2.325	3.334	1.4	20.3
5 31	15 59.46	−17 27.9	2.326	3.332	2.7	20.4
6 10	15 51.36	−17 29.8	2.357	3.329	6.0	20.6
6 20	15 44.44	−17 35.1	2.413	3.325	9.1	20.8
6 30	15 39.21	−17 45.0	2.494	3.322	11.8	21.0

111812 2002 CW_{289} 5 24.3 170°.77 4°.9/26.7 17

4 21	16 31.89	−35 50.3	2.443	3.255	12.1	20.2
5 1	16 25.85	−36 23.5	2.363	3.256	9.7	20.1
5 11	16 17.81	−36 44.7	2.307	3.257	7.2	19.9
5 21	16 8.45	−36 51.4	2.276	3.257	5.2	19.8
5 31	15 58.71	−36 43.3	2.273	3.258	5.1	19.8
6 10	15 49.60	−36 22.1	2.297	3.258	6.8	19.9
6 20	15 41.97	−35 51.4	2.347	3.259	9.3	20.0
6 30	15 36.45	−35 16.0	2.420	3.259	11.7	20.2

216459 2009 HY_{62} 5 24.3 338°.07 5°.0/22.9 17

4 21	16 29.77	−11 0.7	1.276	2.160	16.5	19.7
5 1	16 25.16	−10 37.7	1.209	2.154	12.5	19.4
5 11	16 17.76	−10 19.6	1.163	2.148	8.2	19.2
5 21	16 8.48	−10 10.4	1.139	2.142	5.1	19.0
5 31	15 58.65	−10 13.4	1.140	2.137	6.7	19.0
6 10	15 49.73	−10 31.0	1.163	2.133	11.0	19.3
6 20	15 42.90	−11 3.3	1.208	2.129	15.4	19.5
6 30	15 38.97	−11 49.2	1.271	2.126	19.3	19.7

41510 2000 QU_{171} 5 24.3 254°.74 1°.1/23.7 18

4 21	16 29.76	−21 27.6	1.943	2.804	12.7	18.6
5 1	16 24.39	−20 31.2	1.857	2.793	9.4	18.4
5 11	16 16.98	−19 26.3	1.795	2.781	5.5	18.1
5 21	16 8.24	−18 15.5	1.759	2.769	1.6	17.8
5 31	15 59.16	−17 3.3	1.752	2.757	3.4	17.9
6 10	15 50.76	−15 54.9	1.772	2.745	7.5	18.2
6 20	15 43.89	−14 55.1	1.817	2.732	11.4	18.4
6 30	15 39.18	−14 7.5	1.885	2.720	14.7	18.6

260856 2005 QJ_{85} 5 24.3 310°.23 6°.3/26.9 18

4 21	16 31.32	−37 34.0	2.013	2.831	14.1	20.1
5 1	16 26.01	−38 13.7	1.924	2.816	11.5	19.9
5 11	16 18.19	−38 38.7	1.855	2.802	8.8	19.7
5 21	16 8.60	−38 45.6	1.811	2.788	6.8	19.5
5 31	15 58.38	−38 32.7	1.793	2.774	6.5	19.5
6 10	15 48.81	−38 2.1	1.800	2.761	8.4	19.6
6 20	15 41.02	−37 18.4	1.832	2.748	11.2	19.7
6 30	15 35.81	−36 28.0	1.885	2.735	14.1	19.9

355897 2008 WW_{61} 5 24.3 279°.17 0°.9/23.9 13 C

4 21	16 32.58	−18 44.6	2.069	2.924	12.3	21.6
5 1	16 26.67	−18 41.2	1.958	2.890	9.2	21.4
5 11	16 18.52	−18 35.1	1.871	2.856	5.5	21.1
5 21	16 8.70	−18 26.8	1.811	2.821	1.6	20.7
5 31	15 58.13	−18 17.7	1.779	2.786	3.2	20.8
6 10	15 47.89	−18 9.8	1.776	2.749	7.5	21.0
6 20	15 38.99	−18 5.5	1.798	2.712	11.5	21.1
6 30	15 32.23	−18 7.4	1.842	2.675	15.1	21.3

208608 2002 CN_{236} 5 24.3 137°.27 0°.2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.97	−20 30.9	1.550	2.415	15.2	20.8
5 1	16 28.57	−20 34.8	1.485	2.422	11.2	20.6
5 11	16 19.57	−20 34.2	1.442	2.429	6.6	20.3
5 21	16 8.91	−20 29.3	1.424	2.435	1.7	20.0
5 31	15 57.88	−20 21.5	1.433	2.441	3.4	20.1
6 10	15 47.82	−20 13.6	1.468	2.446	8.2	20.4
6 20	15 39.81	−20 8.6	1.527	2.451	12.5	20.7
6 30	15 34.55	−20 9.5	1.606	2.456	16.2	21.0

346471 2008 TA_{160} 5 24.3 254°.02 1°.9/23.7 17

4 21	16 31.43	−15 28.5	1.949	2.810	12.7	20.8
5 1	16 25.66	−15 30.6	1.865	2.800	9.4	20.6
5 11	16 17.78	−15 33.2	1.805	2.790	5.7	20.4
5 21	16 8.47	−15 37.4	1.771	2.780	2.2	20.1
5 31	15 58.69	−15 44.4	1.765	2.769	3.7	20.2
6 10	15 49.48	−15 55.6	1.786	2.758	7.6	20.4
6 20	15 41.75	−16 12.2	1.833	2.747	11.3	20.6
6 30	15 36.19	−16 35.4	1.901	2.736	14.6	20.8

499901 2011 GF_{6} 5 24.3 23°.22 4°.8/25.4 17

4 21	16 34.49	−28 53.1	1.481	2.337	16.3	20.5
5 1	16 28.69	−30 3.5	1.416	2.342	12.6	20.2
5 11	16 19.90	−31 4.6	1.374	2.347	8.6	20.0
5 21	16 9.04	−31 51.6	1.355	2.354	5.3	19.9
5 31	15 57.56	−32 21.8	1.361	2.360	5.5	19.9
6 10	15 47.05	−32 36.2	1.393	2.368	9.0	20.1
6 20	15 38.79	−32 38.9	1.448	2.376	12.8	20.3
6 30	15 33.67	−32 35.5	1.523	2.384	16.3	20.6

416204 2002 TF_{327} 5 24.3 167°.97 1°.0/24.7 14 C

4 21	16 33.48	−23 51.9	1.821	2.676	13.7	22.3
5 1	16 27.25	−23 53.8	1.748	2.679	10.2	22.1
5 11	16 18.71	−23 48.6	1.698	2.681	6.2	21.9
5 21	16 8.70	−23 36.0	1.674	2.683	2.0	21.6
5 31	15 58.31	−23 17.5	1.677	2.685	3.0	21.7
6 10	15 48.74	−22 55.9	1.708	2.686	7.2	21.9
6 20	15 40.95	−22 35.0	1.763	2.687	11.2	22.2
6 30	15 35.59	−22 18.3	1.841	2.688	14.5	22.4

268931 2007 DE_{10} 5 24.3 293°.89 2°.2/25.1 17

4 21	16 31.30	−26 9.5	1.631	2.492	14.8	20.5
5 1	16 26.22	−26 20.2	1.539	2.472	11.2	20.2
5 11	16 18.44	−26 21.8	1.469	2.451	7.1	19.9
5 21	16 8.71	−26 12.9	1.423	2.431	3.0	19.6
5 31	15 58.22	−25 54.0	1.404	2.411	3.7	19.6
6 10	15 48.37	−25 28.1	1.409	2.391	8.2	19.8
6 20	15 40.37	−24 59.8	1.439	2.370	12.6	20.0
6 30	15 35.13	−24 34.2	1.489	2.351	16.6	20.2

520282 2014 EX_{248} 5 24.3 12°.92 3°.6/25.8 16

4 21	16 29.74	−30 14.3	1.962	2.806	13.3	20.9
5 1	16 24.53	−30 38.8	1.889	2.808	10.3	20.7
5 11	16 17.13	−30 52.7	1.839	2.810	6.9	20.5
5 21	16 8.31	−30 54.6	1.814	2.813	4.1	20.3
5 31	15 59.12	−30 44.4	1.815	2.816	4.1	20.3
6 10	15 50.66	−30 24.6	1.843	2.819	7.0	20.5
6 20	15 43.85	−29 59.1	1.896	2.823	10.3	20.7
6 30	15 39.36	−29 32.4	1.971	2.827	13.4	20.9

377685 2005 VR_{41} 5 24.3 231°.70 2°.1/23.4 18

4 21	16 31.25	−15 52.1	2.106	2.964	12.0	21.9
5 1	16 25.38	−15 31.1	2.019	2.953	8.9	21.7
5 11	16 17.55	−15 8.8	1.956	2.940	5.4	21.4
5 21	16 8.42	−14 47.0	1.920	2.927	2.3	21.2
5 31	15 58.88	−14 28.0	1.912	2.914	3.8	21.3
6 10	15 49.88	−14 14.2	1.932	2.900	7.4	21.5
6 20	15 42.25	−14 7.7	1.977	2.885	11.0	21.7
6 30	15 36.64	−14 10.1	2.045	2.870	14.1	21.8

152080 2004 RV_{21} 5 24.3 106°.77 2°.8/22.7 18

4 21	16 26.46	−13 16.5	2.452	3.313	10.5	20.2
5 1	16 21.48	−12 42.7	2.385	3.318	7.7	20.0
5 11	16 15.05	−12 9.5	2.342	3.324	4.9	19.9
5 21	16 7.76	−11 39.2	2.326	3.329	2.8	19.7
5 31	16 0.29	−11 14.3	2.339	3.335	4.0	19.8
6 10	15 53.37	−10 57.0	2.380	3.340	6.7	20.0
6 20	15 47.60	−10 48.4	2.446	3.345	9.5	20.2
6 30	15 43.42	−10 49.3	2.535	3.351	11.9	20.4

21143 1993 FX_{31} 5 24.3 256°.36 1°.7/23.6 18

4 21	16 29.93	−17 0.6	1.939	2.803	12.6	18.6
5 1	16 24.54	−16 43.6	1.856	2.793	9.3	18.4
5 11	16 17.11	−16 24.6	1.798	2.784	5.6	18.1
5 21	16 8.33	−16 5.3	1.766	2.775	2.1	17.9
5 31	15 59.13	−15 48.1	1.761	2.765	3.6	18.0
6 10	15 50.54	−15 35.4	1.783	2.755	7.6	18.2
6 20	15 43.43	−15 29.6	1.830	2.745	11.3	18.4
6 30	15 38.45	−15 32.3	1.899	2.735	14.6	18.6

168727 2000 OJ_{30} 5 24.3 326°.07 0°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.82	−23 12.9	1.132	2.022	17.8	19.4
5 1	16 24.27	−22 40.6	1.057	2.007	13.3	19.1
5 11	16 17.52	−21 55.6	1.002	1.993	8.0	18.8
5 21	16 8.51	−20 59.9	0.968	1.979	2.0	18.4
5 31	15 58.76	−19 58.3	0.958	1.967	4.1	18.4
6 10	15 50.00	−18 58.5	0.969	1.955	10.2	18.7
6 20	15 43.65	−18 7.6	1.002	1.944	15.7	19.0
6 30	15 40.63	−17 31.3	1.052	1.934	20.4	19.3

202172 2004 VH_{87} 5 24.3 282°.37 2°.4/25.3 17

4 21	16 31.42	−27 19.0	1.812	2.665	13.9	20.3
5 1	16 26.06	−27 28.8	1.720	2.647	10.6	20.1
5 11	16 18.23	−27 29.1	1.651	2.630	6.8	19.8
5 21	16 8.66	−27 18.6	1.606	2.612	3.1	19.5
5 31	15 58.45	−26 57.8	1.589	2.595	3.6	19.5
6 10	15 48.87	−26 29.4	1.597	2.577	7.6	19.7
6 20	15 40.99	−25 57.9	1.631	2.559	11.6	19.9
6 30	15 35.65	−25 28.2	1.686	2.541	15.2	20.1

249653 1999 TV_{314} 5 24.3 149°.62 3°.0/22.9 17

4 21	16 32.51	−14 4.2	1.938	2.798	12.8	21.2
5 1	16 26.19	−13 27.7	1.874	2.807	9.5	21.0
5 11	16 17.94	−12 51.2	1.833	2.816	5.9	20.8
5 21	16 8.51	−12 17.4	1.820	2.824	3.2	20.7
5 31	15 58.88	−11 49.6	1.834	2.831	4.6	20.8
6 10	15 50.03	−11 30.3	1.876	2.838	8.0	21.0
6 20	15 42.76	−11 21.5	1.942	2.844	11.4	21.2
6 30	15 37.63	−11 24.0	2.031	2.850	14.4	21.4

2744 Birgitta 5 24.3 281°.90 4°.7/25.9 18

4 21	16 35.95	−32 8.0	1.660	2.500	15.6	18.7
5 1	16 30.05	−32 25.6	1.550	2.466	12.4	18.4
5 11	16 20.97	−32 29.0	1.462	2.431	8.7	18.1
5 21	16 9.44	−32 14.3	1.397	2.395	5.3	17.8
5 31	15 56.76	−31 39.9	1.359	2.359	5.4	17.7
6 10	15 44.57	−30 48.6	1.346	2.322	9.1	17.9
6 20	15 34.36	−29 46.9	1.358	2.284	13.6	18.0
6 30	15 27.27	−28 43.2	1.390	2.246	17.9	18.2

246691 2009 AA_{15} 5 24.3 2°.93 0°.5/24.5 17

4 21	16 29.14	−23 1.9	1.940	2.800	12.8	21.1
5 1	16 23.94	−22 51.8	1.866	2.800	9.5	20.9
5 11	16 16.73	−22 35.3	1.815	2.800	5.7	20.7
5 21	16 8.23	−22 13.0	1.790	2.800	1.6	20.4
5 31	15 59.41	−21 46.8	1.792	2.801	2.8	20.5
6 10	15 51.30	−21 19.8	1.822	2.801	6.8	20.7
6 20	15 44.73	−20 55.4	1.876	2.801	10.5	21.0
6 30	15 40.33	−20 36.5	1.952	2.802	13.7	21.2

274386 2008 RY_{106} 5 24.3 282°.18 6°.0/25.7 17

4 21	16 36.57	−32 59.4	1.809	2.640	14.9	20.5
5 1	16 30.20	−34 14.7	1.722	2.628	11.9	20.3
5 11	16 20.88	−35 20.1	1.658	2.617	8.7	20.1
5 21	16 9.38	−36 10.3	1.620	2.606	6.3	19.9
5 31	15 56.96	−36 41.5	1.607	2.595	6.4	19.9
6 10	15 45.12	−36 54.0	1.621	2.584	9.0	20.0
6 20	15 35.23	−36 51.2	1.659	2.573	12.4	20.2
6 30	15 28.27	−36 39.1	1.718	2.562	15.6	20.4

429894 2012 TO_{72} 5 24.3 32°.80 2°.8/22.8 18

4 21	16 27.94	−17 0.0	1.779	2.650	13.2	20.2
5 1	16 23.04	−15 56.5	1.713	2.653	9.7	20.0
5 11	16 16.15	−14 49.0	1.670	2.657	5.9	19.8
5 21	16 8.06	−13 41.8	1.654	2.660	2.9	19.6
5 31	15 59.76	−12 39.6	1.664	2.664	4.6	19.7
6 10	15 52.26	−11 47.3	1.701	2.668	8.3	20.0
6 20	15 46.34	−11 8.2	1.762	2.672	11.9	20.2
6 30	15 42.57	−10 43.9	1.844	2.677	15.1	20.4

398219 2010 OM_{63} 5 24.3 263°.95 2°.8/22.5 16

4 21	16 26.51	−13 37.0	2.631	3.488	9.9	22.3
5 1	16 21.58	−12 53.3	2.537	3.469	7.4	22.1
5 11	16 15.19	−12 8.7	2.468	3.450	4.7	21.9
5 21	16 7.84	−11 25.8	2.428	3.430	2.8	21.7
5 31	16 0.18	−10 47.3	2.416	3.410	4.0	21.7
6 10	15 52.92	−10 15.9	2.432	3.390	6.7	21.9
6 20	15 46.67	− 9 53.6	2.475	3.369	9.6	22.0
6 30	15 41.95	− 9 41.7	2.540	3.348	12.1	22.2

281765 2009 FD_{29} 5 24.3 104°.85 6°.0/21.4 18

4 21	16 27.48	− 4 29.9	2.130	2.985	12.0	20.2
5 1	16 22.41	− 3 47.0	2.064	2.986	9.4	20.1
5 11	16 15.69	− 3 11.4	2.023	2.986	7.1	19.9
5 21	16 7.96	− 2 46.7	2.007	2.987	6.0	19.9
5 31	15 59.99	− 2 35.8	2.018	2.988	6.9	19.9
6 10	15 52.63	− 2 40.4	2.055	2.988	9.2	20.1
6 20	15 46.54	− 3 0.2	2.116	2.989	11.9	20.2
6 30	15 42.25	− 3 34.0	2.197	2.990	14.3	20.4

267343 2001 VF_{119} 5 24.3 108°.62 0°.5/24.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.99	−22 15.3	1.989	2.840	12.9	21.6
5 1	16 27.27	−22 19.1	1.930	2.860	9.5	21.4
5 11	16 18.57	−22 17.7	1.896	2.880	5.6	21.2
5 21	16 8.68	−22 11.0	1.889	2.899	1.5	21.0
5 31	15 58.63	−22 0.4	1.909	2.917	2.7	21.1
6 10	15 49.45	−21 48.2	1.958	2.935	6.6	21.4
6 20	15 41.94	−21 37.2	2.033	2.952	10.1	21.6
6 30	15 36.65	−21 30.1	2.130	2.969	13.1	21.9

507538 2012 XK_{41} 5 24.3 134°.95 0°.4/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.03	−23 31.9	2.440	3.289	10.9	22.4
5 1	16 23.44	−23 14.5	2.368	3.297	8.0	22.2
5 11	16 16.25	−22 51.0	2.321	3.305	4.8	22.0
5 21	16 8.10	−22 22.3	2.302	3.312	1.3	21.8
5 31	15 59.77	−21 50.4	2.312	3.320	2.3	21.9
6 10	15 52.07	−21 18.0	2.350	3.327	5.7	22.1
6 20	15 45.64	−20 47.8	2.414	3.333	8.8	22.3
6 30	15 40.98	−20 22.5	2.503	3.340	11.5	22.5

344013 2011 UP_{343} 5 24.4 188°.24 5°.9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.77	− 1 49.9	2.498	3.340	10.9	20.3
5 1	16 22.43	− 1 20.8	2.429	3.339	8.7	20.1
5 11	16 15.64	− 1 0.2	2.385	3.339	6.8	20.0
5 21	16 7.97	− 0 50.7	2.368	3.338	5.9	20.0
5 31	16 0.09	− 0 54.6	2.377	3.337	6.7	20.0
6 10	15 52.71	− 1 12.7	2.413	3.336	8.6	20.1
6 20	15 46.42	− 1 44.3	2.474	3.335	10.8	20.3
6 30	15 41.71	− 2 28.1	2.557	3.333	12.9	20.4

146168 2000 SM_{267} 5 24.4 230°.93 0°.6/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.26	−19 44.3	2.700	3.551	9.9	21.1
5 1	16 22.86	−19 31.7	2.609	3.540	7.3	20.9
5 11	16 15.95	−19 15.9	2.544	3.529	4.3	20.6
5 21	16 8.07	−18 57.8	2.507	3.517	1.2	20.4
5 31	15 59.89	−18 39.0	2.499	3.505	2.4	20.5
6 10	15 52.14	−18 21.3	2.520	3.493	5.6	20.7
6 20	15 45.45	−18 6.7	2.568	3.480	8.6	20.8
6 30	15 40.33	−17 57.2	2.639	3.467	11.2	21.0

479147 2013 BZ_{70} 5 24.4 175°.77 4°.6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.72	− 5 33.2	2.828	3.674	9.7	22.0
5 1	16 21.51	− 4 50.5	2.758	3.676	7.5	21.9
5 11	16 15.04	− 4 12.5	2.715	3.677	5.5	21.7
5 21	16 7.81	− 3 42.1	2.698	3.679	4.6	21.7
5 31	16 0.43	− 3 21.6	2.711	3.679	5.4	21.7
6 10	15 53.49	− 3 12.4	2.750	3.680	7.4	21.9
6 20	15 47.53	− 3 15.2	2.815	3.680	9.5	22.0
6 30	15 42.95	− 3 29.4	2.903	3.679	11.5	22.1

131248 2001 FX_{8} 5 24.4 26°.40 7°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.68	−36 34.6	1.693	2.518	16.0	19.3
5 1	16 29.60	−37 53.1	1.625	2.523	13.0	19.1
5 11	16 20.50	−38 56.8	1.580	2.527	10.0	19.0
5 21	16 9.30	−39 39.9	1.557	2.533	7.8	18.8
5 31	15 57.42	−39 59.5	1.560	2.539	7.7	18.8
6 10	15 46.45	−39 56.9	1.588	2.545	9.7	19.0
6 20	15 37.71	−39 37.3	1.639	2.551	12.6	19.2
6 30	15 32.09	−39 7.9	1.711	2.558	15.4	19.4

50811 2000 FZ_{29} 5 24.4 266°.93 1°.2/23.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.70	−18 50.0	2.050	2.913	12.1	19.3
5 1	16 23.55	−18 28.9	1.969	2.906	8.9	19.1
5 11	16 16.50	−18 4.2	1.913	2.900	5.3	18.9
5 21	16 8.23	−17 37.6	1.883	2.893	1.6	18.6
5 31	15 59.61	−17 11.4	1.881	2.886	3.2	18.7
6 10	15 51.60	−16 48.6	1.905	2.880	7.0	18.9
6 20	15 44.98	−16 31.6	1.955	2.873	10.6	19.1
6 30	15 40.37	−16 22.6	2.027	2.866	13.7	19.3

213396 2001 UA_{198} 5 24.4 231°.35 0°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.68	−18 23.1	2.474	3.327	10.6	21.0
5 1	16 24.03	−18 22.4	2.386	3.317	7.8	20.8
5 11	16 16.70	−18 19.9	2.323	3.308	4.6	20.6
5 21	16 8.28	−18 16.2	2.287	3.298	1.3	20.4
5 31	15 59.50	−18 12.5	2.281	3.287	2.6	20.5
6 10	15 51.19	−18 10.1	2.303	3.277	6.0	20.7
6 20	15 44.04	−18 10.8	2.352	3.266	9.2	20.8
6 30	15 38.62	−18 16.2	2.425	3.254	12.0	21.0

370386 2002 TD_{131} 5 24.4 294°.82 3°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.08	−14 7.7	1.485	2.360	15.2	20.9
5 1	16 26.18	−13 45.9	1.391	2.333	11.4	20.6
5 11	16 18.53	−13 24.2	1.320	2.306	7.2	20.2
5 21	16 8.85	−13 5.6	1.272	2.278	3.6	20.0
5 31	15 58.28	−12 53.3	1.250	2.251	5.4	20.0
6 10	15 48.25	−12 50.7	1.252	2.224	10.1	20.2
6 20	15 40.01	−13 0.2	1.277	2.196	14.8	20.4
6 30	15 34.53	−13 23.1	1.321	2.169	19.0	20.6

314138 2005 EW_{192} 5 24.4 143°.73 1°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.83	−24 39.2	1.808	2.660	14.0	21.4
5 1	16 28.19	−24 30.4	1.741	2.670	10.4	21.2
5 11	16 19.26	−24 13.1	1.697	2.680	6.3	21.0
5 21	16 8.92	−23 47.5	1.679	2.689	2.0	20.7
5 31	15 58.33	−23 15.7	1.689	2.697	3.0	20.8
6 10	15 48.66	−22 41.4	1.726	2.704	7.2	21.1
6 20	15 40.83	−22 8.7	1.789	2.711	11.1	21.3
6 30	15 35.49	−21 41.6	1.873	2.718	14.4	21.5

133468 2003 SF_{245} 5 24.4 149°.27 0°.9/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.76	−23 50.1	1.956	2.812	12.9	20.3
5 1	16 25.16	−23 47.7	1.882	2.813	9.6	20.0
5 11	16 17.49	−23 38.4	1.831	2.815	5.8	19.8
5 21	16 8.49	−23 22.6	1.807	2.817	1.8	19.6
5 31	15 59.17	−23 1.6	1.810	2.818	2.8	19.6
6 10	15 50.58	−22 38.4	1.840	2.819	6.8	19.9
6 20	15 43.57	−22 16.3	1.896	2.820	10.5	20.1
6 30	15 38.76	−21 58.5	1.973	2.822	13.6	20.3

253968 2004 DF_{80} 5 24.4 109°.94 3°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.26	−30 24.8	1.725	2.569	14.9	20.7
5 1	16 27.89	−30 12.9	1.661	2.581	11.4	20.5
5 11	16 19.12	−29 46.9	1.619	2.594	7.4	20.3
5 21	16 8.89	−29 6.4	1.603	2.606	3.8	20.1
5 31	15 58.47	−28 13.8	1.613	2.618	3.8	20.1
6 10	15 49.12	−27 14.3	1.651	2.629	7.4	20.3
6 20	15 41.78	−26 13.9	1.713	2.641	11.2	20.6
6 30	15 37.08	−25 18.4	1.797	2.651	14.5	20.8

287516 2003 BY_{76} 5 24.4 87°.92 1°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.10	−16 53.6	2.260	3.115	11.4	20.6
5 1	16 24.95	−16 59.5	2.203	3.135	8.3	20.5
5 11	16 17.15	−17 4.7	2.170	3.155	4.9	20.3
5 21	16 8.37	−17 9.8	2.165	3.175	1.6	20.1
5 31	15 59.45	−17 15.8	2.189	3.194	2.9	20.2
6 10	15 51.23	−17 23.8	2.241	3.214	6.2	20.5
6 20	15 44.38	−17 35.0	2.319	3.233	9.3	20.7
6 30	15 39.38	−17 50.5	2.421	3.251	12.0	20.9

376792 2000 SU_{92} 5 24.4 229°.68 2°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.39	−29 20.0	2.134	2.972	12.6	21.3
5 1	16 26.37	−29 10.8	2.044	2.962	9.7	21.0
5 11	16 18.23	−28 50.3	1.977	2.951	6.3	20.8
5 21	16 8.70	−28 18.0	1.936	2.940	3.1	20.6
5 31	15 58.75	−27 35.2	1.924	2.928	3.3	20.6
6 10	15 49.46	−26 45.4	1.939	2.916	6.6	20.8
6 20	15 41.72	−25 53.3	1.980	2.903	10.2	21.0
6 30	15 36.20	−25 3.9	2.045	2.890	13.3	21.1

352558 2008 CK_{213} 5 24.4 108°.58 2°.3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.54	−14 28.7	2.471	3.329	10.5	21.4
5 1	16 22.26	−14 2.1	2.407	3.340	7.7	21.3
5 11	16 15.54	−13 35.5	2.368	3.351	4.7	21.1
5 21	16 7.97	−13 11.0	2.357	3.362	2.4	21.0
5 31	16 0.24	−12 50.7	2.374	3.373	3.5	21.1
6 10	15 53.10	−12 36.5	2.419	3.383	6.4	21.3
6 20	15 47.12	−12 29.7	2.490	3.394	9.2	21.4
6 30	15 42.76	−12 31.2	2.585	3.404	11.7	21.6

37329 2001 QW_{108} 5 24.4 155°.97 9°.5/18.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.50	+15 31.6	2.979	3.735	11.4	22.2
5 1	16 24.84	+16 27.6	2.935	3.747	10.3	22.2
5 11	16 16.93	+17 7.4	2.914	3.758	9.6	22.1
5 21	16 8.30	+17 27.4	2.918	3.769	9.5	22.1
5 31	15 59.60	+17 25.7	2.946	3.778	10.0	22.2
6 10	15 51.45	+17 2.3	2.998	3.786	10.9	22.3
6 20	15 44.38	+16 19.1	3.071	3.794	12.0	22.4
6 30	15 38.77	+15 19.2	3.163	3.800	13.1	22.5

472974 2015 GO_{44} 5 24.4 93°.85 1°.3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.25	−17 52.1	1.891	2.755	12.9	21.4
5 1	16 24.75	−17 42.4	1.822	2.759	9.5	21.2
5 11	16 17.22	−17 30.6	1.776	2.763	5.6	21.0
5 21	16 8.43	−17 17.9	1.756	2.766	1.8	20.8
5 31	15 59.33	−17 6.4	1.764	2.770	3.3	20.9
6 10	15 50.96	−16 58.4	1.799	2.774	7.3	21.1
6 20	15 44.15	−16 55.9	1.858	2.777	11.0	21.3
6 30	15 39.51	−17 0.4	1.940	2.781	14.1	21.6

501536 2014 HQ_{122} 5 24.4 131°.35 3°.7/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.20	− 8 58.1	2.799	3.650	9.6	22.4
5 1	16 21.82	− 8 17.6	2.739	3.663	7.3	22.2
5 11	16 15.20	− 7 40.1	2.704	3.676	5.0	22.1
5 21	16 7.87	− 7 8.2	2.698	3.689	3.7	22.0
5 31	16 0.44	− 6 44.1	2.720	3.702	4.6	22.1
6 10	15 53.53	− 6 29.4	2.770	3.713	6.7	22.3
6 20	15 47.63	− 6 24.9	2.847	3.725	9.0	22.4
6 30	15 43.15	− 6 30.6	2.946	3.736	11.1	22.6

499479 2010 JK_{88} 5 24.4 176°.34 17°.4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.82	+16 16.5	1.277	2.074	21.7	21.2
5 1	16 33.86	+17 16.0	1.229	2.076	19.7	21.0
5 11	16 22.83	+17 40.9	1.198	2.078	18.0	20.9
5 21	16 9.88	+17 21.9	1.185	2.080	17.4	20.9
5 31	15 56.58	+16 14.8	1.193	2.080	17.9	20.9
6 10	15 44.58	+14 22.9	1.220	2.080	19.5	21.0
6 20	15 35.11	+11 55.3	1.267	2.078	21.7	21.2
6 30	15 28.91	+ 9 3.3	1.329	2.076	24.0	21.3

468595 2007 TU_{405} 5 24.4 296°.54 1°.1/23.8 16

4 21	16 28.67	−20 33.8	1.852	2.718	13.0	21.1
5 1	16 23.91	−19 51.5	1.753	2.691	9.7	20.8
5 11	16 16.94	−19 1.3	1.677	2.664	5.8	20.5
5 21	16 8.42	−18 5.6	1.627	2.637	1.7	20.2
5 31	15 59.32	−17 7.9	1.604	2.610	3.5	20.2
6 10	15 50.76	−16 13.1	1.607	2.583	8.0	20.5
6 20	15 43.69	−15 25.8	1.636	2.555	12.1	20.6
6 30	15 38.88	−14 50.0	1.685	2.528	15.8	20.8

347315 2011 QK_{46} 5 24.4 261°.93 2°.6/21.8 18

4 21	16 20.35	− 8 9.4	4.347	5.196	6.5	21.0
5 1	16 16.60	− 7 43.8	4.268	5.191	4.9	20.8
5 11	16 12.08	− 7 20.6	4.217	5.187	3.4	20.7
5 21	16 7.10	− 7 1.3	4.193	5.182	2.6	20.7
5 31	16 2.00	− 6 46.9	4.199	5.178	3.2	20.7
6 10	15 57.15	− 6 38.6	4.233	5.174	4.7	20.8
6 20	15 52.86	− 6 36.9	4.294	5.169	6.3	20.9
6 30	15 49.41	− 6 41.8	4.378	5.165	7.8	21.0

275100 2009 VZ_{30} 5 24.4 46°.53 4°.2/25.4 17

4 21	16 35.30	−28 26.0	1.545	2.398	15.9	20.6
5 1	16 29.13	−29 27.0	1.485	2.409	12.2	20.4
5 11	16 20.12	−30 18.5	1.446	2.420	8.1	20.2
5 21	16 9.23	−30 56.5	1.431	2.432	4.7	20.0
5 31	15 57.84	−31 19.1	1.443	2.444	5.0	20.1
6 10	15 47.45	−31 27.8	1.480	2.456	8.5	20.3
6 20	15 39.27	−31 26.8	1.541	2.468	12.3	20.5
6 30	15 34.07	−31 21.2	1.623	2.481	15.6	20.8

259270 2003 CF_{20} 5 24.4 21°.49 6°.9/21.2 18

4 21	16 25.97	− 4 55.0	1.711	2.580	13.8	19.6
5 1	16 21.60	− 3 56.4	1.659	2.587	10.8	19.4
5 11	16 15.35	− 3 6.2	1.629	2.595	8.2	19.3
5 21	16 7.96	− 2 29.5	1.623	2.604	6.9	19.2
5 31	16 0.37	− 2 10.2	1.642	2.613	8.1	19.3
6 10	15 53.56	− 2 10.2	1.685	2.623	10.6	19.5
6 20	15 48.27	− 2 29.0	1.750	2.633	13.5	19.7
6 30	15 45.04	− 3 4.7	1.835	2.644	16.1	19.9

499570 2010 SR_{27} 5 24.4 270°.03 3°.3/25.4 17

4 21	16 34.89	−28 5.8	1.637	2.488	15.2	22.2
5 1	16 29.06	−28 30.7	1.542	2.468	11.7	21.9
5 11	16 20.28	−28 45.8	1.469	2.446	7.7	21.6
5 21	16 9.34	−28 48.4	1.421	2.425	4.0	21.3
5 31	15 57.49	−28 37.6	1.398	2.403	4.3	21.3
6 10	15 46.25	−28 15.8	1.402	2.380	8.5	21.5
6 20	15 36.96	−27 47.6	1.429	2.357	13.0	21.7
6 30	15 30.62	−27 19.2	1.477	2.334	17.0	21.9

494324 2016 TO_{9} 5 24.4 243°.62 4°.0/26.2 18

4 21	16 31.12	−33 11.3	2.565	3.385	11.3	21.2
5 1	16 25.29	−33 42.6	2.476	3.377	8.9	21.0
5 11	16 17.56	−34 4.1	2.411	3.370	6.4	20.8
5 21	16 8.56	−34 13.8	2.373	3.362	4.3	20.7
5 31	15 59.13	−34 11.3	2.363	3.354	4.3	20.7
6 10	15 50.20	−33 57.8	2.380	3.346	6.3	20.8
6 20	15 42.58	−33 36.5	2.424	3.338	8.9	20.9
6 30	15 36.90	−33 11.1	2.491	3.330	11.4	21.1

188893 2006 XW_{26} 5 24.4 114°.18 0°.1/24.4 17

4 21	16 32.14	−22 18.8	1.745	2.606	13.9	20.6
5 1	16 26.25	−21 58.8	1.680	2.615	10.3	20.4
5 11	16 18.15	−21 31.9	1.638	2.624	6.1	20.1
5 21	16 8.68	−20 59.5	1.622	2.632	1.5	19.9
5 31	15 58.98	−20 24.1	1.633	2.641	3.0	20.0
6 10	15 50.17	−19 49.7	1.671	2.649	7.4	20.3
6 20	15 43.16	−19 20.0	1.733	2.657	11.3	20.5
6 30	15 38.55	−18 58.2	1.817	2.665	14.7	20.7

77388 2001 FA_{150} 5 24.4 346°.96 4°.2/26.2 17 R

4 21	16 27.94	−31 31.2	1.474	2.334	16.1	18.2
5 1	16 23.91	−31 36.1	1.399	2.326	12.5	17.9
5 11	16 17.12	−31 25.0	1.344	2.319	8.6	17.7
5 21	16 8.48	−30 56.4	1.311	2.312	5.0	17.4
5 31	15 59.31	−30 11.7	1.303	2.307	4.9	17.4
6 10	15 51.07	−29 15.6	1.320	2.302	8.5	17.6
6 20	15 44.93	−28 15.1	1.359	2.298	12.6	17.8
6 30	15 41.66	−27 17.1	1.419	2.296	16.4	18.0

94526 2001 UL_{130} 5 24.4 353°.74 3°.1/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.13	−16 27.9	1.036	1.935	18.3	19.0
5 1	16 24.49	−15 59.8	0.976	1.930	13.6	18.7
5 11	16 17.65	−15 29.6	0.935	1.926	8.2	18.4
5 21	16 8.64	−15 0.9	0.915	1.924	3.4	18.1
5 31	15 59.04	−14 38.6	0.916	1.922	5.6	18.2
6 10	15 50.58	−14 27.2	0.940	1.921	11.1	18.5
6 20	15 44.58	−14 29.7	0.983	1.922	16.3	18.8
6 30	15 41.92	−14 47.0	1.043	1.923	20.7	19.0

266411 2007 FP_{27} 5 24.4 6°.34 1°.8/25.0 17

4 21	16 30.47	−25 36.1	1.507	2.374	15.4	20.3
5 1	16 25.52	−25 37.3	1.438	2.374	11.6	20.1
5 11	16 17.95	−25 28.6	1.390	2.375	7.2	19.8
5 21	16 8.68	−25 9.8	1.367	2.375	2.7	19.5
5 31	15 58.98	−24 42.6	1.369	2.377	3.5	19.6
6 10	15 50.21	−24 11.1	1.396	2.379	8.0	19.9
6 20	15 43.46	−23 40.0	1.446	2.381	12.4	20.1
6 30	15 39.46	−23 14.0	1.517	2.383	16.1	20.4

212429 2006 OF_{4} 5 24.4 335°.36 3°.2/23.3 17

4 21	16 25.20	−16 32.8	1.073	1.973	17.6	19.2
5 1	16 22.42	−15 58.7	1.000	1.955	13.2	18.8
5 11	16 16.53	−15 21.1	0.946	1.938	8.1	18.5
5 21	16 8.40	−14 43.9	0.913	1.922	3.5	18.2
5 31	15 59.47	−14 12.7	0.902	1.907	5.8	18.2
6 10	15 51.43	−13 52.9	0.912	1.894	11.3	18.5
6 20	15 45.67	−13 48.4	0.942	1.882	16.6	18.7
6 30	15 43.19	−14 0.9	0.988	1.872	21.3	19.0

35651 1998 MS_{29} 5 24.4 347°.41 3°.1/23.1 18

4 21	16 26.86	−13 8.1	1.876	2.747	12.7	17.7
5 1	16 22.32	−12 48.4	1.803	2.742	9.4	17.5
5 11	16 15.85	−12 30.3	1.754	2.738	5.9	17.3
5 21	16 8.14	−12 16.2	1.729	2.734	3.3	17.1
5 31	16 0.08	−12 8.5	1.731	2.730	4.6	17.2
6 10	15 52.65	−12 9.4	1.759	2.727	8.0	17.4
6 20	15 46.65	−12 19.9	1.812	2.725	11.5	17.6
6 30	15 42.69	−12 40.4	1.885	2.723	14.6	17.8

115723 2003 UV_{179} 5 24.4 250°.97 2°.8/23.3 18

4 21	16 32.29	−15 5.2	1.634	2.502	14.4	20.1
5 1	16 26.69	−14 41.2	1.552	2.491	10.7	19.8
5 11	16 18.63	−14 16.3	1.494	2.479	6.6	19.5
5 21	16 8.90	−13 53.2	1.460	2.467	3.1	19.3
5 31	15 58.62	−13 34.9	1.453	2.455	4.7	19.4
6 10	15 49.04	−13 24.4	1.472	2.443	9.0	19.6
6 20	15 41.21	−13 24.2	1.515	2.430	13.2	19.8
6 30	15 35.91	−13 35.5	1.578	2.417	16.9	20.0

342285 2008 TV_{22} 5 24.4 264°.77 1°.2/24.8 17

4 21	16 31.53	−23 41.5	1.918	2.774	13.1	21.3
5 1	16 25.94	−23 54.0	1.834	2.766	9.8	21.1
5 11	16 18.10	−24 0.6	1.774	2.757	6.0	20.8
5 21	16 8.76	−24 0.8	1.740	2.749	2.0	20.5
5 31	15 58.91	−23 55.1	1.732	2.740	2.9	20.6
6 10	15 49.69	−23 45.7	1.752	2.732	7.0	20.8
6 20	15 42.07	−23 35.4	1.797	2.723	10.9	21.0
6 30	15 36.74	−23 27.6	1.865	2.714	14.3	21.2

119183 2001 QV_{82} 5 24.4 224°.81 4°.4/21.7 18

4 21	16 30.21	−11 16.4	2.089	2.948	12.1	20.7
5 1	16 24.59	−10 8.1	2.008	2.938	9.1	20.5
5 11	16 17.13	− 8 59.7	1.951	2.928	6.1	20.3
5 21	16 8.48	− 7 55.5	1.921	2.917	4.4	20.1
5 31	15 59.51	− 7 0.0	1.920	2.905	5.8	20.2
6 10	15 51.12	− 6 17.3	1.946	2.893	8.8	20.4
6 20	15 44.09	− 5 49.6	1.996	2.880	12.0	20.5
6 30	15 38.99	− 5 37.7	2.067	2.867	14.8	20.7

389851 2012 RE_{18} 5 24.4 211°.99 2°.8/22.7 17

4 21	16 28.89	−13 58.0	2.463	3.318	10.6	22.5
5 1	16 23.39	−13 15.7	2.380	3.311	7.8	22.3
5 11	16 16.32	−12 32.8	2.323	3.304	4.9	22.1
5 21	16 8.27	−11 51.6	2.293	3.296	2.8	22.0
5 31	15 59.95	−11 15.1	2.293	3.288	4.0	22.1
6 10	15 52.14	−10 45.9	2.320	3.279	6.9	22.2
6 20	15 45.48	−10 26.0	2.374	3.270	9.9	22.4
6 30	15 40.48	−10 16.6	2.450	3.260	12.5	22.6

312061 2007 SY_{16} 5 24.4 169°.61 1°.9/25.1 17

4 21	16 35.49	−26 16.6	1.746	2.596	14.5	21.6
5 1	16 28.93	−26 19.1	1.673	2.600	10.9	21.4
5 11	16 19.87	−26 11.9	1.622	2.603	6.8	21.1
5 21	16 9.21	−25 54.4	1.598	2.605	2.7	20.9
5 31	15 58.16	−25 27.8	1.600	2.607	3.3	20.9
6 10	15 48.00	−24 55.7	1.630	2.608	7.5	21.2
6 20	15 39.77	−24 22.7	1.684	2.609	11.5	21.4
6 30	15 34.18	−23 53.4	1.760	2.609	15.0	21.6

210486 1996 TW_{18} 5 24.4 306°.91 0°.4/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.81	−21 33.4	1.285	2.167	16.6	20.1
5 1	16 25.73	−21 16.4	1.195	2.140	12.5	19.8
5 11	16 18.53	−20 50.9	1.124	2.114	7.5	19.4
5 21	16 8.98	−20 17.9	1.076	2.087	2.0	19.0
5 31	15 58.44	−19 40.2	1.053	2.061	4.0	19.0
6 10	15 48.55	−19 3.0	1.052	2.035	9.9	19.3
6 20	15 40.79	−18 32.1	1.073	2.010	15.4	19.5
6 30	15 36.23	−18 12.4	1.112	1.986	20.2	19.7

7471 1991 YD 5 24.4 118°.29 3°.1/25.7 18 R

4 21	16 35.45	−29 12.2	1.806	2.648	14.4	18.2
5 1	16 28.77	−29 24.8	1.742	2.662	11.0	18.0
5 11	16 19.70	−29 26.0	1.701	2.676	7.2	17.8
5 21	16 9.16	−29 14.4	1.686	2.689	3.7	17.6
5 31	15 58.35	−28 50.9	1.698	2.701	3.9	17.7
6 10	15 48.52	−28 19.1	1.736	2.713	7.3	17.9
6 20	15 40.63	−27 43.6	1.800	2.725	10.9	18.1
6 30	15 35.34	−27 9.6	1.886	2.736	14.1	18.4

467365 2003 WB_{26} 5 24.4 275°.53 3°.6/23.7 18

4 21	16 39.09	−10 3.5	1.745	2.596	14.4	20.9
5 1	16 32.00	−10 26.7	1.638	2.565	11.1	20.6
5 11	16 22.05	−10 58.1	1.554	2.533	7.2	20.3
5 21	16 9.90	−11 38.9	1.496	2.500	3.9	20.0
5 31	15 56.64	−12 29.3	1.467	2.466	5.2	20.0
6 10	15 43.63	−13 28.8	1.466	2.431	9.5	20.2
6 20	15 32.19	−14 36.2	1.490	2.396	14.0	20.4
6 30	15 23.36	−15 50.6	1.537	2.360	18.0	20.5

66816 1999 UO_{14} 5 24.4 140°.65 3°.4/22.5 18

4 21	16 29.45	−12 40.7	2.166	3.026	11.7	19.8
5 1	16 23.85	−11 54.0	2.101	3.034	8.7	19.6
5 11	16 16.60	−11 7.9	2.061	3.042	5.6	19.4
5 21	16 8.35	−10 25.7	2.048	3.049	3.5	19.3
5 31	15 59.92	− 9 50.6	2.063	3.056	4.7	19.4
6 10	15 52.17	− 9 25.2	2.106	3.063	7.7	19.6
6 20	15 45.75	− 9 11.3	2.173	3.069	10.7	19.8
6 30	15 41.17	− 9 9.3	2.263	3.075	13.3	20.0

180447 2004 BJ_{118} 5 24.4 33°.39 2°.1/23.5 17

4 21	16 29.01	−19 26.0	1.187	2.076	17.2	19.0
5 1	16 24.56	−18 33.2	1.139	2.089	12.5	18.7
5 11	16 17.38	−17 34.2	1.112	2.102	7.4	18.5
5 21	16 8.57	−16 33.5	1.107	2.117	2.6	18.2
5 31	15 59.59	−15 37.1	1.127	2.132	4.7	18.4
6 10	15 51.86	−14 51.2	1.169	2.148	9.7	18.7
6 20	15 46.40	−14 19.6	1.234	2.165	14.3	19.0
6 30	15 43.82	−14 4.3	1.317	2.183	18.1	19.3

250106 2002 JJ_{77} 5 24.4 354°.69 2°.1/23.5 17

4 21	16 24.34	−20 32.0	1.001	1.904	18.4	19.4
5 1	16 21.80	−19 35.2	0.940	1.897	13.6	19.1
5 11	16 16.11	−18 27.5	0.898	1.892	8.0	18.8
5 21	16 8.32	−17 14.1	0.877	1.888	2.6	18.5
5 31	16 0.00	−16 2.7	0.878	1.886	5.2	18.6
6 10	15 52.84	−15 1.9	0.900	1.885	10.9	18.9
6 20	15 48.12	−14 18.1	0.942	1.886	16.3	19.2
6 30	15 46.64	−13 54.5	1.000	1.888	20.8	19.5

356353 2010 LJ_{88} 5 24.4 280°.53 0°.4/24.6 18

4 21	16 28.73	−22 24.4	2.289	3.143	11.3	20.8
5 1	16 23.56	−22 25.9	2.200	3.131	8.4	20.6
5 11	16 16.58	−22 22.8	2.136	3.120	5.0	20.3
5 21	16 8.39	−22 15.2	2.098	3.108	1.4	20.1
5 31	15 59.80	−22 4.2	2.089	3.097	2.5	20.1
6 10	15 51.72	−21 51.7	2.107	3.085	6.1	20.3
6 20	15 44.89	−21 40.1	2.151	3.073	9.5	20.5
6 30	15 39.94	−21 31.9	2.218	3.062	12.5	20.7

249659 1999 VD_{14} 5 24.4 243°.24 8°.5/25.9 18

4 21	16 44.62	−39 59.5	2.007	2.795	15.1	21.3
5 1	16 36.59	−41 37.6	1.910	2.777	12.8	21.1
5 11	16 25.06	−43 3.1	1.835	2.759	10.4	20.9
5 21	16 10.74	−44 8.1	1.786	2.740	8.7	20.7
5 31	15 55.00	−44 46.5	1.763	2.720	8.8	20.7
6 10	15 39.64	−44 57.4	1.767	2.700	10.5	20.8
6 20	15 26.34	−44 44.6	1.796	2.679	13.2	20.9
6 30	15 16.37	−44 16.3	1.846	2.657	15.9	21.0

250623 2005 GR_{95} 5 24.4 45°.85 0°.3/24.3 17

4 21	16 32.42	−20 36.8	1.385	2.260	16.1	20.3
5 1	16 27.01	−20 36.7	1.323	2.265	11.9	20.1
5 11	16 18.88	−20 31.7	1.283	2.271	7.0	19.8
5 21	16 9.00	−20 22.2	1.267	2.278	1.8	19.5
5 31	15 58.71	−20 10.3	1.276	2.284	3.6	19.7
6 10	15 49.47	−19 59.2	1.309	2.291	8.6	20.0
6 20	15 42.38	−19 52.3	1.366	2.298	13.2	20.3
6 30	15 38.16	−19 52.3	1.442	2.305	17.0	20.5

455157 1997 YM_3 5 24.4 303°.73 1°.3/25.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.13	−26 17.3	2.794	3.625	10.2	22.8
5 1	16 26.85	−26 11.1	2.651	3.568	7.8	22.5
5 11	16 18.64	−25 57.3	2.533	3.510	4.9	22.3
5 21	16 8.98	−25 35.4	2.444	3.451	2.0	22.0
5 31	15 58.57	−25 5.6	2.385	3.391	2.5	21.9
6 10	15 48.28	−24 29.9	2.356	3.330	5.9	22.0
6 20	15 38.95	−23 51.4	2.355	3.267	9.2	22.1
6 30	15 31.29	−23 13.7	2.379	3.204	12.4	22.2

286498 2002 BY_{24} 5 24.4 93°.43 2°.2/23.5 16

4 21	16 34.63	−17 18.3	1.464	2.334	15.6	21.4
5 1	16 28.21	−16 45.6	1.414	2.354	11.4	21.2
5 11	16 19.34	−16 10.3	1.387	2.374	6.8	21.0
5 21	16 9.07	−15 35.3	1.384	2.393	2.6	20.8
5 31	15 58.67	−15 4.2	1.407	2.411	4.4	20.9
6 10	15 49.44	−14 40.9	1.457	2.430	8.8	21.2
6 20	15 42.31	−14 27.9	1.529	2.448	12.9	21.5
6 30	15 37.87	−14 26.6	1.622	2.465	16.3	21.8

268400 2005 UE_{193} 5 24.4 98°.01 1°.5/23.7 17

4 21	16 31.84	−18 23.9	1.785	2.649	13.6	21.6
5 1	16 25.90	−17 54.8	1.727	2.664	9.9	21.4
5 11	16 17.90	−17 22.3	1.693	2.679	5.8	21.1
5 21	16 8.70	−16 48.8	1.684	2.694	2.0	20.9
5 31	15 59.35	−16 17.2	1.703	2.708	3.6	21.1
6 10	15 50.88	−15 50.8	1.749	2.723	7.6	21.3
6 20	15 44.14	−15 32.3	1.820	2.737	11.3	21.6
6 30	15 39.65	−15 23.4	1.912	2.750	14.4	21.8

382455 2000 QD_{68} 5 24.4 259°.47 2°.8/23.1 18

4 21	16 31.49	−14 1.2	2.095	2.952	12.1	21.7
5 1	16 25.74	−13 37.7	1.997	2.930	9.0	21.4
5 11	16 17.97	−13 14.1	1.924	2.907	5.7	21.2
5 21	16 8.79	−12 52.4	1.878	2.883	2.9	21.0
5 31	15 59.07	−12 35.2	1.860	2.859	4.3	21.0
6 10	15 49.79	−12 24.9	1.869	2.834	7.9	21.2
6 20	15 41.83	−12 23.6	1.904	2.808	11.5	21.3
6 30	15 35.88	−12 32.3	1.960	2.782	14.7	21.5

261276 2005 UT_{131} 5 24.4 251°.37 4°.3/22.4 18

4 21	16 28.45	− 6 45.6	2.519	3.368	10.6	20.3
5 1	16 23.08	− 6 30.6	2.435	3.357	8.2	20.1
5 11	16 16.18	− 6 21.0	2.377	3.347	5.8	20.0
5 21	16 8.29	− 6 19.0	2.346	3.336	4.3	19.9
5 31	16 0.09	− 6 26.4	2.343	3.325	5.2	19.9
6 10	15 52.33	− 6 44.1	2.368	3.314	7.6	20.0
6 20	15 45.63	− 7 12.2	2.418	3.302	10.2	20.2
6 30	15 40.52	− 7 50.0	2.491	3.291	12.6	20.3

349878 2009 DG_{81} 5 24.4 90°.76 0°.2/24.5 17

4 21	16 30.15	−22 3.7	2.159	3.013	11.9	21.8
5 1	16 24.47	−21 59.8	2.094	3.026	8.7	21.6
5 11	16 17.02	−21 51.1	2.054	3.039	5.2	21.4
5 21	16 8.49	−21 38.1	2.041	3.051	1.4	21.2
5 31	15 59.76	−21 22.2	2.056	3.064	2.5	21.3
6 10	15 51.74	−21 5.9	2.098	3.076	6.2	21.5
6 20	15 45.16	−20 51.6	2.167	3.088	9.5	21.8
6 30	15 40.53	−20 41.6	2.258	3.100	12.4	22.0

478265 2011 UU_{403} 5 24.4 203°.04 7°.5/17.8 16

4 21	16 26.26	+ 3 14.6	2.765	3.590	10.4	22.0
5 1	16 21.28	+ 4 44.3	2.701	3.587	8.9	21.9
5 11	16 15.02	+ 6 5.0	2.663	3.583	7.7	21.8
5 21	16 7.97	+ 7 12.3	2.651	3.578	7.5	21.8
5 31	16 0.74	+ 8 2.4	2.666	3.574	8.4	21.9
6 10	15 53.94	+ 8 33.2	2.706	3.569	9.9	22.0
6 20	15 48.11	+ 8 44.6	2.768	3.563	11.6	22.1
6 30	15 43.68	+ 8 37.9	2.851	3.558	13.2	22.2

133594 2003 UX_{79} 5 24.4 44°.25 1°.4/24.8 17

4 21	16 32.45	−23 19.9	1.756	2.616	14.0	19.3
5 1	16 26.68	−23 49.0	1.688	2.621	10.4	19.1
5 11	16 18.57	−24 12.8	1.643	2.627	6.3	18.9
5 21	16 8.93	−24 30.1	1.624	2.633	2.3	18.6
5 31	15 58.89	−24 40.9	1.631	2.639	3.1	18.7
6 10	15 49.64	−24 46.7	1.665	2.645	7.3	19.0
6 20	15 42.17	−24 50.1	1.724	2.652	11.1	19.2
6 30	15 37.17	−24 54.3	1.805	2.659	14.5	19.4

187557 2006 VO_{24} 5 24.4 129°.40 1°.6/23.6 17

4 21	16 31.89	−18 52.3	1.757	2.621	13.7	21.0
5 1	16 26.03	−18 12.8	1.692	2.629	10.1	20.8
5 11	16 18.05	−17 28.9	1.651	2.637	5.9	20.6
5 21	16 8.77	−16 43.0	1.635	2.645	2.0	20.3
5 31	15 59.27	−15 58.8	1.648	2.652	3.7	20.5
6 10	15 50.64	−15 20.6	1.686	2.659	7.9	20.7
6 20	15 43.73	−14 51.4	1.750	2.666	11.7	21.0
6 30	15 39.15	−14 33.5	1.834	2.672	14.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
321434 2009 QN_{42}			5 24.4 270°.49		1°.2/24.9 17	
	h m	° ′			°	m
4 21	16 32.75	−24 33.0	1.778	2.634	14.0	21.5
5 1	16 27.16	−24 31.7	1.682	2.613	10.5	21.3
5 11	16 19.04	−24 22.4	1.609	2.592	6.5	21.0
5 21	16 9.11	−24 4.4	1.561	2.570	2.2	20.7
5 31	15 58.47	−23 38.8	1.540	2.548	3.2	20.7
6 10	15 48.41	−23 9.0	1.545	2.525	7.7	20.9
6 20	15 40.05	−22 39.0	1.575	2.502	12.1	21.1
6 30	15 34.24	−22 13.5	1.627	2.479	15.9	21.3
34151 2000 QH_{19}			5 24.4 112°.84		0°.5/24.2 17	
4 21	16 33.53	−20 42.2	1.443	2.313	15.8	19.6
5 1	16 27.75	−20 29.5	1.378	2.318	11.7	19.3
5 11	16 19.30	−20 11.1	1.335	2.323	6.9	19.1
5 21	16 9.13	−19 48.1	1.317	2.328	1.8	18.8
5 31	15 58.57	−19 23.1	1.324	2.332	3.6	18.9
6 10	15 49.03	−19 0.0	1.357	2.337	8.6	19.2
6 20	15 41.61	−18 42.7	1.413	2.341	13.1	19.5
6 30	15 37.02	−18 34.1	1.489	2.345	16.9	19.7
336272 2008 SX_{201}			5 24.4 270°.54		0°.7/24.7 17	
4 21	16 30.62	−23 33.6	1.872	2.731	13.3	21.1
5 1	16 25.30	−23 27.1	1.789	2.722	9.9	20.9
5 11	16 17.76	−23 13.5	1.728	2.713	6.0	20.6
5 21	16 8.74	−22 53.0	1.694	2.704	1.8	20.3
5 31	15 59.27	−22 27.5	1.686	2.695	2.9	20.4
6 10	15 50.46	−21 59.9	1.706	2.685	7.1	20.6
6 20	15 43.25	−21 33.9	1.750	2.676	11.1	20.8
6 30	15 38.35	−21 13.2	1.816	2.667	14.5	21.0
346118 2007 VD_{132}			5 24.4 100°.32		1°.3/25.0 17	
4 21	16 31.37	−25 11.1	2.271	3.116	11.7	22.1
5 1	16 25.31	−25 13.8	2.208	3.134	8.7	21.9
5 11	16 17.49	−25 9.7	2.170	3.151	5.3	21.7
5 21	16 8.63	−24 58.8	2.159	3.168	2.0	21.5
5 31	15 59.60	−24 42.3	2.177	3.184	2.5	21.6
6 10	15 51.29	−24 22.5	2.223	3.200	5.9	21.8
6 20	15 44.43	−24 2.3	2.295	3.216	9.0	22.0
6 30	15 39.51	−23 44.7	2.390	3.232	11.8	22.3
341928 2008 LZ_{5}			5 24.4 195°.60		2°.0/22.7 18	
4 21	16 22.03	− 8 54.9	4.923	5.766	5.9	20.6
5 1	16 17.77	− 8 53.3	4.843	5.764	4.4	20.5
5 11	16 12.81	− 8 54.0	4.790	5.762	3.0	20.4
5 21	16 7.41	− 8 57.7	4.766	5.761	2.1	20.3
5 31	16 1.90	− 9 5.2	4.772	5.759	2.6	20.4
6 10	15 56.61	− 9 16.9	4.808	5.757	3.9	20.5
6 20	15 51.82	− 9 33.1	4.872	5.755	5.4	20.6
6 30	15 47.81	− 9 53.6	4.960	5.752	6.8	20.7
93283 2000 SP_{188}			5 24.4 92°.86		5°.4/21.5 17	
4 21	16 29.64	− 9 15.0	1.828	2.693	13.2	19.2
5 1	16 24.17	− 8 2.1	1.775	2.707	10.1	19.1
5 11	16 16.85	− 6 52.9	1.747	2.721	7.0	18.9
5 21	16 8.47	− 5 52.5	1.744	2.735	5.4	18.8
5 31	15 59.97	− 5 5.5	1.768	2.748	6.7	18.9
6 10	15 52.29	− 4 35.0	1.818	2.761	9.6	19.1
6 20	15 46.16	− 4 22.1	1.891	2.775	12.6	19.3
6 30	15 42.10	− 4 26.1	1.984	2.788	15.2	19.6
344732 2003 UO_{138}			5 24.4 250°.67		1°.0/23.9 18	
4 21	16 30.66	−18 13.5	2.104	2.963	12.0	20.8
5 1	16 25.10	−18 7.5	2.017	2.951	8.9	20.6
5 11	16 17.57	−17 59.3	1.953	2.939	5.3	20.3
5 21	16 8.72	−17 49.8	1.917	2.927	1.6	20.1
5 31	15 59.42	−17 40.6	1.908	2.914	3.1	20.1
6 10	15 50.66	−17 33.6	1.927	2.901	6.9	20.4
6 20	15 43.27	−17 31.1	1.972	2.888	10.5	20.5
6 30	15 37.89	−17 34.7	2.039	2.875	13.7	20.7
248881 2006 UO_{181}			5 24.4 239°.00		6°.7/20.2 18	
4 21	16 26.61	− 2 31.0	2.258	3.108	11.6	19.9
5 1	16 21.81	− 1 24.1	2.191	3.105	9.3	19.8
5 11	16 15.46	− 0 24.5	2.149	3.102	7.4	19.7
5 21	16 8.15	+ 0 23.3	2.132	3.099	6.7	19.6
5 31	16 0.61	+ 0 55.5	2.142	3.095	7.7	19.7
6 10	15 53.61	+ 1 10.0	2.177	3.092	9.7	19.8
6 20	15 47.79	+ 1 6.5	2.236	3.089	12.1	19.9
6 30	15 43.64	+ 0 46.2	2.315	3.085	14.3	20.1
211841 2004 FO_{52}			5 24.4 58°.94		6°.3/20.7 18	
4 21	16 27.02	− 4 40.6	2.080	2.938	12.2	20.0
5 1	16 22.18	− 3 35.9	2.018	2.939	9.6	19.8
5 11	16 15.70	− 2 37.8	1.979	2.941	7.3	19.7
5 21	16 8.21	− 1 50.8	1.967	2.943	6.4	19.6
5 31	16 0.51	− 1 18.8	1.980	2.945	7.4	19.7
6 10	15 53.42	− 1 4.1	2.019	2.947	9.7	19.8
6 20	15 47.62	− 1 7.1	2.082	2.949	12.3	20.0
6 30	15 43.62	− 1 26.5	2.164	2.951	14.6	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
398627 2012 BZ_{8}			5 24.4 249°.10		2°.8/22.8 18	
	h m	° ′			°	m
4 21	16 27.18	−12 24.1	2.656	3.512	9.9	21.6
5 1	16 22.13	−11 59.7	2.569	3.499	7.4	21.4
5 11	16 15.63	−11 36.5	2.506	3.486	4.7	21.2
5 21	16 8.20	−11 16.2	2.472	3.473	2.8	21.1
5 31	16 0.48	−11 0.9	2.466	3.460	3.9	21.1
6 10	15 53.16	−10 52.5	2.488	3.447	6.5	21.3
6 20	15 46.86	−10 52.0	2.536	3.433	9.3	21.4
6 30	15 42.05	−11 0.2	2.607	3.419	11.8	21.6
170451 2003 UJ_{172}			5 24.4 161°.09		1°.1/23.9 16	
4 21	16 33.61	−19 48.5	1.911	2.768	13.1	21.3
5 1	16 27.21	−19 14.9	1.841	2.775	9.6	21.1
5 11	16 18.74	−18 36.1	1.795	2.781	5.7	20.8
5 21	16 9.01	−17 54.1	1.776	2.786	1.7	20.6
5 31	15 59.03	−17 12.2	1.785	2.790	3.3	20.7
6 10	15 49.86	−16 34.1	1.821	2.794	7.4	21.0
6 20	15 42.35	−16 3.2	1.883	2.797	11.1	21.2
6 30	15 37.08	−15 41.9	1.967	2.800	14.3	21.4
242154 2003 EA_{27}			5 24.4 44°.52		1°.6/24.9 18	
4 21	16 32.94	−24 57.0	1.109	1.991	18.7	19.7
5 1	16 27.86	−24 53.9	1.059	2.003	13.9	19.4
5 11	16 19.55	−24 39.2	1.029	2.016	8.5	19.2
5 21	16 9.25	−24 13.2	1.020	2.030	2.8	18.9
5 31	15 58.64	−23 38.7	1.035	2.044	3.9	19.0
6 10	15 49.46	−23 1.6	1.073	2.059	9.4	19.3
6 20	15 42.95	−22 28.0	1.133	2.074	14.3	19.7
6 30	15 39.80	−22 2.9	1.211	2.090	18.5	20.0
379225 2009 SZ_{214}			5 24.4 192°.18		2°.0/23.4 17	
4 21	16 31.25	−16 24.2	2.128	2.985	11.9	22.4
5 1	16 25.37	−15 54.6	2.050	2.984	8.8	22.2
5 11	16 17.64	−15 23.0	1.997	2.982	5.3	22.0
5 21	16 8.73	−14 51.6	1.972	2.979	2.3	21.8
5 31	15 59.53	−14 23.0	1.974	2.976	3.7	21.9
6 10	15 50.95	−13 59.9	2.005	2.973	7.2	22.1
6 20	15 43.77	−13 44.6	2.061	2.969	10.6	22.3
6 30	15 38.56	−13 38.7	2.139	2.964	13.6	22.5
235930 2005 EO_{104}			5 24.4 134°.98		2°.9/23.1 17	
4 21	16 29.47	−14 9.1	1.958	2.823	12.5	21.0
5 1	16 24.15	−13 41.7	1.888	2.825	9.3	20.8
5 11	16 16.94	−13 14.5	1.843	2.826	5.7	20.5
5 21	16 8.55	−12 50.0	1.823	2.828	3.0	20.4
5 31	15 59.89	−12 31.0	1.831	2.830	4.3	20.5
6 10	15 51.89	−12 19.9	1.865	2.831	7.8	20.7
6 20	15 45.35	−12 18.2	1.924	2.833	11.2	20.9
6 30	15 40.84	−12 26.6	2.005	2.834	14.2	21.1
217231 2003 BY_{46}			5 24.4 216°.54		1°.3/25.0 18	
4 21	16 33.78	−25 31.2	2.231	3.073	12.0	20.8
5 1	16 27.36	−25 28.5	2.140	3.063	9.0	20.6
5 11	16 18.90	−25 18.1	2.074	3.053	5.6	20.4
5 21	16 9.09	−24 59.6	2.034	3.042	2.1	20.1
5 31	15 58.83	−24 34.2	2.023	3.030	2.7	20.1
6 10	15 49.16	−24 4.5	2.041	3.018	6.4	20.3
6 20	15 40.93	−23 34.0	2.085	3.004	9.9	20.5
6 30	15 34.81	−23 6.4	2.153	2.990	13.0	20.7
216625 2002 XA_{77}			5 24.4 214°.23		3°.8/26.5 18	
4 21	16 34.62	−33 14.5	2.009	2.836	13.7	19.9
5 1	16 28.23	−33 3.1	1.922	2.830	10.7	19.7
5 11	16 19.49	−32 36.5	1.857	2.823	7.4	19.4
5 21	16 9.24	−31 53.4	1.818	2.816	4.4	19.2
5 31	15 58.60	−30 55.3	1.807	2.807	4.2	19.2
6 10	15 48.77	−29 46.6	1.824	2.799	7.2	19.4
6 20	15 40.73	−28 33.4	1.866	2.790	10.7	19.6
6 30	15 35.16	−27 22.2	1.932	2.780	13.9	19.7
434714 2006 DD_{25}			5 24.4 221°.99		4°.3/26.2 17	
4 21	16 33.32	−32 23.8	1.939	2.773	13.9	21.5
5 1	16 27.41	−32 48.8	1.860	2.771	10.9	21.3
5 11	16 19.08	−33 1.3	1.803	2.768	7.6	21.1
5 21	16 9.15	−32 59.2	1.771	2.765	4.9	21.0
5 31	15 58.74	−32 42.0	1.765	2.762	4.8	20.9
6 10	15 49.09	−32 12.6	1.787	2.759	7.5	21.1
6 20	15 41.21	−31 35.4	1.833	2.756	10.8	21.3
6 30	15 35.85	−30 56.2	1.901	2.753	13.9	21.5
255546 2006 JE_{14}			5 24.4 345°.62		1°.2/23.9 17	
4 21	16 22.70	−22 23.6	0.946	1.853	18.8	19.6
5 1	16 20.89	−21 29.7	0.880	1.839	14.0	19.2
5 11	16 15.77	−20 20.8	0.832	1.826	8.3	18.9
5 21	16 8.36	−19 1.3	0.804	1.815	2.3	18.5
5 31	16 0.26	−17 39.2	0.797	1.806	4.8	18.6
6 10	15 53.26	−16 24.6	0.811	1.799	11.1	18.9
6 20	15 48.79	−15 25.8	0.844	1.794	16.8	19.2
6 30	15 47.74	−14 48.1	0.892	1.791	21.7	19.5

303672 2005 MO_{40} 5 24.4 228°.26 4°.6/21.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.55	− 7 22.0	2.453	3.306	10.7	21.3
5 1	16 22.44	− 6 43.2	2.376	3.300	8.2	21.1
5 11	16 15.83	− 6 8.6	2.323	3.293	5.9	21.0
5 21	16 8.27	− 5 41.2	2.297	3.285	4.6	20.9
5 31	16 0.46	− 5 23.5	2.299	3.278	5.6	20.9
6 10	15 53.11	− 5 17.5	2.329	3.270	7.9	21.1
6 20	15 46.86	− 5 23.8	2.383	3.262	10.5	21.2
6 30	15 42.21	− 5 42.2	2.459	3.254	12.9	21.4

155491 1998 YR_{7} 5 24.4 147°.01 12°.5/24.3 18

4 21	16 56.72	−36 24.8	1.154	1.978	22.0	19.4
5 1	16 47.72	−39 42.6	1.092	1.984	18.3	19.1
5 11	16 32.90	−42 49.0	1.051	1.990	14.8	18.9
5 21	16 13.10	−45 24.1	1.033	1.995	12.7	18.8
5 31	15 50.80	−47 10.7	1.041	1.999	13.1	18.9
6 10	15 29.55	−48 5.1	1.071	2.003	15.8	19.0
6 20	15 12.51	−48 16.8	1.123	2.007	19.2	19.2
6 30	15 1.48	−48 2.7	1.191	2.010	22.4	19.5

486668 2013 RO_{43} 5 24.4 159°.05 9°.3/18.9 18

4 21	16 36.64	−11 15.1	1.105	1.987	18.7	21.1
5 1	16 30.30	− 8 5.5	1.052	1.992	14.4	20.8
5 11	16 20.87	− 4 51.6	1.021	1.996	10.6	20.6
5 21	16 9.59	− 1 49.6	1.015	2.000	9.4	20.6
5 31	15 58.09	+ 0 43.9	1.034	2.003	11.9	20.7
6 10	15 47.99	+ 2 37.9	1.077	2.006	16.0	20.9
6 20	15 40.46	+ 3 48.9	1.138	2.008	20.1	21.2
6 30	15 36.17	+ 4 20.1	1.215	2.009	23.5	21.4

179493 2002 CN_{62} 5 24.4 185°.77 5°.5/27.3 18

4 21	16 33.44	−38 52.8	2.655	3.448	11.7	20.4
5 1	16 27.09	−39 31.4	2.572	3.448	9.6	20.3
5 11	16 18.74	−39 57.3	2.513	3.447	7.5	20.1
5 21	16 9.06	−40 7.8	2.479	3.446	5.8	20.0
5 31	15 58.97	−40 1.9	2.473	3.445	5.6	20.0
6 10	15 49.46	−39 41.3	2.494	3.444	7.0	20.1
6 20	15 41.39	−39 9.4	2.541	3.443	9.1	20.2
6 30	15 35.38	−38 30.9	2.611	3.441	11.2	20.4

146897 2002 CB_{74} 5 24.4 176°.63 1°.9/23.3 18

4 21	16 28.06	−14 58.9	2.667	3.521	9.9	21.0
5 1	16 22.71	−14 40.9	2.591	3.522	7.3	20.8
5 11	16 15.95	−14 22.8	2.540	3.523	4.4	20.7
5 21	16 8.31	−14 6.0	2.518	3.524	2.1	20.5
5 31	16 0.45	−13 52.2	2.524	3.524	3.2	20.6
6 10	15 53.08	−13 43.1	2.559	3.524	6.0	20.7
6 20	15 46.77	−13 40.1	2.620	3.524	8.7	20.9
6 30	15 41.99	−13 44.0	2.705	3.524	11.2	21.1

112494 2002 PJ_{8} 5 24.4 240°.53 2°.3/23.2 17

4 21	16 29.13	−15 54.1	2.078	2.941	12.0	20.4
5 1	16 23.90	−15 20.8	1.998	2.934	8.8	20.1
5 11	16 16.83	−14 45.8	1.942	2.927	5.4	19.9
5 21	16 8.56	−14 11.3	1.913	2.920	2.5	19.7
5 31	15 59.96	−13 40.4	1.912	2.913	3.9	19.8
6 10	15 51.95	−13 16.0	1.937	2.905	7.4	20.0
6 20	15 45.30	−13 0.3	1.988	2.898	10.8	20.2
6 30	15 40.59	−12 54.9	2.061	2.890	13.9	20.4

262236 2006 ST_{284} 5 24.4 262°.61 2°.0/25.3 18

4 21	16 32.69	−27 43.9	1.659	2.514	14.9	20.5
5 1	16 27.20	−27 23.2	1.571	2.500	11.3	20.3
5 11	16 19.09	−26 49.3	1.506	2.487	7.1	20.0
5 21	16 9.20	−26 1.9	1.465	2.473	2.9	19.7
5 31	15 58.74	−25 3.6	1.451	2.459	3.4	19.7
6 10	15 49.08	−23 59.5	1.463	2.444	7.9	19.9
6 20	15 41.33	−22 56.1	1.500	2.430	12.3	20.1
6 30	15 36.29	−21 59.6	1.557	2.415	16.2	20.4

347838 2002 PY_{138} 5 24.4 271°.97 3°.5/26.1 18

4 21	16 33.26	−31 46.8	2.339	3.164	12.1	21.9
5 1	16 27.23	−31 59.2	2.227	3.135	9.5	21.6
5 11	16 18.99	−32 0.8	2.139	3.105	6.6	21.4
5 21	16 9.18	−31 49.8	2.078	3.074	4.0	21.2
5 31	15 58.71	−31 25.7	2.044	3.043	4.0	21.1
6 10	15 48.66	−30 50.7	2.039	3.011	6.8	21.2
6 20	15 39.98	−30 8.6	2.060	2.979	10.0	21.4
6 30	15 33.45	−29 24.3	2.104	2.946	13.2	21.5

285144 1995 UX_{12} 5 24.4 199°.67 3°.3/25.5 16

4 21	16 37.65	−28 12.4	1.615	2.462	15.6	21.3
5 1	16 30.97	−28 39.3	1.537	2.460	11.9	21.0
5 11	16 21.39	−28 55.8	1.481	2.457	7.8	20.8
5 21	16 9.81	−28 59.1	1.450	2.453	4.0	20.5
5 31	15 57.59	−28 48.8	1.445	2.449	4.3	20.5
6 10	15 46.25	−28 27.7	1.466	2.444	8.3	20.7
6 20	15 37.05	−28 0.7	1.512	2.438	12.5	21.0
6 30	15 30.84	−27 33.9	1.579	2.432	16.2	21.2

342932 2009 AY_{18} 5 24.4 192°.11 3°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.63	−12 8.4	2.178	3.037	11.6	20.9
5 1	16 24.14	−11 47.8	2.104	3.036	8.7	20.7
5 11	16 16.92	−11 29.2	2.054	3.035	5.5	20.5
5 21	16 8.59	−11 14.8	2.031	3.034	3.3	20.4
5 31	15 59.99	−11 6.6	2.037	3.032	4.4	20.4
6 10	15 51.96	−11 6.4	2.069	3.031	7.5	20.6
6 20	15 45.22	−11 15.2	2.127	3.029	10.6	20.8
6 30	15 40.34	−11 33.4	2.207	3.027	13.4	21.0

113010 2002 RZ_{39} 5 24.4 290°.71 1°.8/25.0 18

4 21	16 32.40	−25 4.8	1.502	2.368	15.6	20.3
5 1	16 27.34	−25 14.5	1.414	2.349	11.8	20.0
5 11	16 19.39	−25 15.5	1.347	2.331	7.4	19.7
5 21	16 9.34	−25 6.7	1.303	2.312	2.8	19.4
5 31	15 58.46	−24 48.6	1.285	2.293	3.7	19.4
6 10	15 48.28	−24 24.4	1.293	2.275	8.6	19.6
6 20	15 40.09	−23 58.8	1.323	2.257	13.3	19.8
6 30	15 34.84	−23 37.1	1.373	2.238	17.5	20.1

299739 2006 RB_{71} 5 24.4 178°.32 0°.5/24.7 17

4 21	16 29.57	−23 13.5	2.405	3.254	11.0	22.1
5 1	16 24.04	−23 6.1	2.326	3.255	8.2	21.9
5 11	16 16.84	−22 53.1	2.273	3.256	4.9	21.7
5 21	16 8.57	−22 35.2	2.246	3.256	1.4	21.4
5 31	16 0.04	−22 13.6	2.248	3.256	2.3	21.5
6 10	15 52.08	−21 50.7	2.279	3.256	5.8	21.7
6 20	15 45.38	−21 29.1	2.335	3.256	9.0	21.9
6 30	15 40.49	−21 11.5	2.416	3.255	11.7	22.1

505960 2015 FO_{285} 5 24.4 62°.39 0°.3/24.5 17

4 21	16 31.76	−21 44.6	1.717	2.580	14.0	21.5
5 1	16 26.09	−21 48.6	1.657	2.593	10.3	21.3
5 11	16 18.20	−21 47.5	1.620	2.606	6.1	21.1
5 21	16 8.93	−21 41.4	1.608	2.619	1.7	20.8
5 31	15 59.41	−21 31.9	1.623	2.632	2.9	21.0
6 10	15 50.78	−21 21.6	1.665	2.645	7.3	21.2
6 20	15 43.94	−21 13.2	1.731	2.658	11.1	21.5
6 30	15 39.50	−21 9.5	1.819	2.672	14.4	21.7

72026 2000 XO_{29} 5 24.4 256°.89 4°.7/25.7 18

4 21	16 37.02	−30 28.1	1.643	2.485	15.6	19.6
5 1	16 30.79	−31 17.3	1.554	2.471	12.2	19.4
5 11	16 21.48	−31 56.3	1.487	2.457	8.5	19.1
5 21	16 9.90	−32 20.8	1.445	2.442	5.3	18.9
5 31	15 57.40	−32 28.5	1.428	2.427	5.4	18.8
6 10	15 45.55	−32 20.5	1.438	2.411	8.9	19.0
6 20	15 35.78	−32 1.5	1.471	2.395	12.9	19.2
6 30	15 29.08	−31 37.8	1.526	2.379	16.7	19.4

509565 2008 CZ_{27} 5 24.4 110°.74 2°.1/25.5 17

4 21	16 30.56	−27 49.3	2.377	3.216	11.5	22.2
5 1	16 24.79	−27 56.4	2.307	3.226	8.7	22.0
5 11	16 17.28	−27 55.4	2.260	3.236	5.5	21.9
5 21	16 8.69	−27 45.7	2.241	3.246	2.6	21.7
5 31	15 59.87	−27 28.4	2.250	3.255	2.9	21.7
6 10	15 51.70	−27 5.7	2.287	3.264	5.8	21.9
6 20	15 44.90	−26 40.6	2.351	3.273	8.8	22.1
6 30	15 40.01	−26 16.5	2.438	3.282	11.5	22.3

249191 2008 CW_{178} 5 24.4 344°.95 14°.7/16.1 18

4 21	16 27.17	+18 53.8	1.879	2.655	16.4	19.4
5 1	16 22.57	+20 9.1	1.831	2.648	15.4	19.3
5 11	16 16.07	+20 58.6	1.802	2.641	14.8	19.2
5 21	16 8.39	+21 16.0	1.792	2.635	14.8	19.2
5 31	16 0.45	+20 57.7	1.801	2.630	15.4	19.2
6 10	15 53.20	+20 4.0	1.829	2.625	16.5	19.3
6 20	15 47.43	+18 38.8	1.874	2.621	17.9	19.4
6 30	15 43.70	+16 47.8	1.935	2.618	19.3	19.5

397695 2008 CM_{132} 5 24.4 116°.80 3°.2/26.2 17

4 21	16 30.72	−31 32.3	2.400	3.229	11.7	21.8
5 1	16 24.96	−31 39.5	2.327	3.237	9.0	21.6
5 11	16 17.40	−31 36.1	2.278	3.245	6.2	21.4
5 21	16 8.73	−31 21.4	2.255	3.252	3.7	21.3
5 31	15 59.81	−30 56.0	2.260	3.259	3.6	21.3
6 10	15 51.57	−30 22.7	2.293	3.266	6.0	21.4
6 20	15 44.73	−29 45.0	2.352	3.273	8.8	21.6
6 30	15 39.86	−29 7.0	2.435	3.280	11.5	21.8

294623 2008 AC_{35} 5 24.4 78°.02 1°.9/23.8 17

4 21	16 33.61	−16 50.7	1.483	2.355	15.4	20.7
5 1	16 27.60	−16 39.7	1.430	2.370	11.3	20.4
5 11	16 19.14	−16 27.5	1.398	2.385	6.7	20.2
5 21	16 9.19	−16 15.8	1.391	2.400	2.4	20.0
5 31	15 59.02	−16 6.9	1.410	2.416	4.1	20.1
6 10	15 49.90	−16 3.3	1.455	2.431	8.6	20.4
6 20	15 42.82	−16 7.1	1.523	2.446	12.7	20.7
6 30	15 38.38	−16 19.5	1.612	2.461	16.2	21.0

70291 1999 RY_{120} 5 24.4 279.°98 2.°5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.88	−28 6.3	1.619	2.472	15.2	19.6
5 1	16 28.43	−28 0.3	1.517	2.445	11.7	19.3
5 11	16 20.06	−27 41.4	1.437	2.417	7.6	18.9
5 21	16 9.55	−27 8.0	1.382	2.388	3.4	18.6
5 31	15 58.13	−26 21.0	1.352	2.359	3.8	18.6
6 10	15 47.31	−25 24.7	1.348	2.329	8.5	18.8
6 20	15 38.40	−24 25.7	1.369	2.299	13.2	19.0
6 30	15 32.41	−23 30.9	1.410	2.269	17.5	19.1

340483 2006 HW_{73} 5 24.4 27.°40 2.°4/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.57	−15 36.6	1.824	2.692	13.1	21.1
5 1	16 24.40	−15 15.5	1.755	2.693	9.7	20.9
5 11	16 17.19	−14 53.8	1.709	2.695	5.9	20.7
5 21	16 8.70	−14 33.6	1.689	2.696	2.6	20.5
5 31	15 59.89	−14 17.4	1.696	2.698	4.0	20.6
6 10	15 51.80	−14 7.9	1.729	2.700	7.8	20.8
6 20	15 45.27	−14 6.8	1.786	2.702	11.5	21.0
6 30	15 40.91	−14 15.2	1.865	2.704	14.7	21.2

391342 2006 UT_{102} 5 24.4 75.°75 1.°3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.92	−23 30.9	2.169	3.018	12.1	21.1
5 1	16 26.00	−24 1.3	2.094	3.022	9.0	20.9
5 11	16 18.12	−24 27.3	2.044	3.025	5.5	20.7
5 21	16 8.95	−24 47.7	2.020	3.029	2.0	20.5
5 31	15 59.40	−25 2.3	2.025	3.032	2.7	20.5
6 10	15 50.47	−25 12.3	2.058	3.036	6.3	20.8
6 20	15 42.96	−25 19.5	2.117	3.039	9.6	21.0
6 30	15 37.52	−25 26.5	2.199	3.043	12.6	21.2

383206 2005 YZ_{87} 5 24.4 278.°05 1.°4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.89	−25 35.6	1.900	2.751	13.4	21.4
5 1	16 27.27	−25 28.3	1.793	2.721	10.2	21.1
5 11	16 19.19	−25 11.7	1.710	2.692	6.4	20.8
5 21	16 9.31	−24 45.2	1.653	2.661	2.3	20.5
5 31	15 58.67	−24 10.1	1.623	2.630	3.1	20.5
6 10	15 48.51	−23 29.6	1.620	2.599	7.5	20.7
6 20	15 39.92	−22 48.3	1.642	2.567	11.8	20.8
6 30	15 33.76	−22 11.3	1.686	2.535	15.6	21.0

170918 2004 XM_{148} 5 24.4 70.°58 0.°2/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.27	−22 50.4	1.853	2.714	13.3	20.1
5 1	16 24.93	−22 32.9	1.784	2.719	9.8	19.9
5 11	16 17.51	−22 8.4	1.738	2.723	5.8	19.6
5 21	16 8.79	−21 38.2	1.718	2.728	1.6	19.4
5 31	15 59.80	−21 4.7	1.725	2.733	2.8	19.5
6 10	15 51.59	−20 31.3	1.759	2.738	7.0	19.7
6 20	15 45.02	−20 1.6	1.818	2.743	10.8	20.0
6 30	15 40.68	−19 38.9	1.898	2.748	14.0	20.2

286484 2002 AE_{185} 5 24.4 165.°87 4.°0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.83	− 8 4.9	2.633	3.483	10.1	21.1
5 1	16 22.53	− 7 35.2	2.563	3.487	7.7	20.9
5 11	16 15.86	− 7 9.5	2.518	3.490	5.4	20.8
5 21	16 8.35	− 6 50.0	2.501	3.492	4.0	20.7
5 31	16 0.65	− 6 39.0	2.513	3.495	4.9	20.7
6 10	15 53.44	− 6 37.8	2.552	3.497	7.1	20.9
6 20	15 47.28	− 6 46.8	2.616	3.498	9.6	21.0
6 30	15 42.62	− 7 5.9	2.703	3.500	11.8	21.2

195181 2002 CQ_{263} 5 24.4 328.°73 3.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.53	−14 44.9	1.551	2.428	14.5	20.1
5 1	16 24.03	−14 9.6	1.477	2.420	10.8	19.8
5 11	16 17.17	−13 33.5	1.425	2.412	6.7	19.6
5 21	16 8.75	−13 0.0	1.398	2.404	3.5	19.4
5 31	15 59.87	−12 32.9	1.397	2.397	5.1	19.4
6 10	15 51.75	−12 15.9	1.420	2.391	9.2	19.7
6 20	15 45.36	−12 11.2	1.466	2.385	13.3	19.9
6 30	15 41.43	−12 19.9	1.531	2.379	16.9	20.1

244388 2002 PL_{64} 5 24.4 256.°52 4.°4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.00	−34 23.5	1.997	2.825	13.8	20.2
5 1	16 26.38	−34 24.9	1.916	2.822	10.9	20.0
5 11	16 18.46	−34 11.2	1.856	2.818	7.7	19.8
5 21	16 9.07	−33 41.1	1.822	2.815	5.0	19.7
5 31	15 59.30	−32 55.3	1.814	2.811	4.7	19.6
6 10	15 50.33	−31 57.6	1.834	2.807	7.3	19.8
6 20	15 43.11	−30 53.8	1.878	2.804	10.5	20.0
6 30	15 38.31	−29 50.1	1.945	2.800	13.6	20.2

293912 2007 SC_{6} 5 24.4 172.°06 4.°5/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 37.17	−32 5.6	1.725	2.560	15.3	21.1
5 1	16 30.49	−32 31.5	1.651	2.563	11.9	20.9
5 11	16 21.04	−32 43.6	1.598	2.565	8.3	20.6
5 21	16 9.76	−32 39.2	1.571	2.567	5.1	20.5
5 31	15 57.99	−32 17.9	1.570	2.568	5.1	20.5
6 10	15 47.15	−31 43.1	1.595	2.569	8.1	20.6
6 20	15 38.42	−31 0.6	1.645	2.569	11.8	20.8
6 30	15 32.57	−30 16.7	1.716	2.568	15.2	21.1

187518 2006 TD_{110} 5 24.5 337.°83 3.°7/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.67	−29 12.4	1.377	2.241	16.8	20.1
5 1	16 26.92	−29 26.6	1.304	2.235	12.9	19.9
5 11	16 19.15	−29 27.1	1.251	2.230	8.6	19.6
5 21	16 9.32	−29 12.1	1.222	2.226	4.5	19.4
5 31	15 58.87	−28 42.1	1.216	2.221	4.6	19.4
6 10	15 49.41	−28 1.7	1.235	2.218	8.8	19.6
6 20	15 42.21	−27 17.1	1.276	2.215	13.3	19.8
6 30	15 38.15	−26 35.2	1.338	2.212	17.3	20.1

281211 2007 HC_{1} 5 24.5 345.°46 9.°0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.79	− 4 56.8	1.385	2.265	15.7	19.7
5 1	16 22.08	− 3 11.4	1.324	2.257	12.6	19.5
5 11	16 16.03	− 1 32.8	1.285	2.251	9.9	19.3
5 21	16 8.47	− 0 9.9	1.268	2.245	9.1	19.3
5 31	16 0.53	+ 0 49.5	1.275	2.240	10.6	19.4
6 10	15 53.41	+ 1 20.6	1.304	2.236	13.6	19.5
6 20	15 48.07	+ 1 22.8	1.353	2.232	16.9	19.7
6 30	15 45.19	+ 0 58.6	1.419	2.230	19.9	19.9

412887 2014 QJ_{36} 5 24.5 202.°42 0.°9/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.83	−20 19.2	1.698	2.558	14.3	22.2
5 1	16 28.54	−19 53.9	1.619	2.554	10.6	22.0
5 11	16 19.81	−19 22.5	1.564	2.550	6.3	21.7
5 21	16 9.46	−18 46.7	1.534	2.545	1.7	21.4
5 31	15 58.66	−18 9.5	1.532	2.539	3.5	21.5
6 10	15 48.66	−17 34.8	1.557	2.533	8.1	21.7
6 20	15 40.50	−17 6.6	1.606	2.526	12.3	22.0
6 30	15 34.90	−16 48.1	1.677	2.518	16.0	22.2

478142 2011 UV_{143} 5 24.5 209.°98 4.°9/20.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.56	− 6 14.3	2.683	3.532	10.0	22.3
5 1	16 21.62	− 5 12.1	2.608	3.528	7.8	22.2
5 11	16 15.35	− 4 13.7	2.559	3.523	5.8	22.0
5 21	16 8.25	− 3 22.5	2.538	3.518	4.9	22.0
5 31	16 0.95	− 2 41.9	2.545	3.512	5.8	22.0
6 10	15 54.10	− 2 14.0	2.579	3.506	7.9	22.1
6 20	15 48.24	− 2 0.0	2.638	3.500	10.2	22.3
6 30	15 43.82	− 1 59.8	2.719	3.494	12.3	22.4

171421 2007 AG_{11} 5 24.5 74.°18 2.°1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.18	−29 10.0	2.268	3.109	11.9	20.2
5 1	16 23.91	−28 53.7	2.192	3.112	9.0	20.0
5 11	16 16.83	−28 27.0	2.139	3.114	5.8	19.8
5 21	16 8.65	−27 50.1	2.113	3.117	2.8	19.6
5 31	16 0.23	−27 4.8	2.114	3.120	2.9	19.6
6 10	15 52.50	−26 14.8	2.144	3.123	6.0	19.8
6 20	15 46.18	−25 24.0	2.200	3.126	9.2	20.0
6 30	15 41.81	−24 36.6	2.279	3.128	12.0	20.2

346753 2009 BX_{31} 5 24.5 199.°40 0.°3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.27	−20 36.6	2.281	3.134	11.4	22.0
5 1	16 24.67	−20 27.9	2.200	3.132	8.4	21.8
5 11	16 17.29	−20 15.2	2.145	3.130	5.0	21.6
5 21	16 8.78	−19 59.3	2.116	3.127	1.3	21.3
5 31	15 59.96	−19 41.8	2.116	3.124	2.5	21.4
6 10	15 51.70	−19 24.9	2.145	3.121	6.2	21.6
6 20	15 44.75	−19 11.0	2.199	3.117	9.5	21.8
6 30	15 39.68	−19 2.3	2.276	3.113	12.4	22.0

165325 2000 UU_{87} 5 24.5 150.°06 0.°2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.45	−21 10.6	1.854	2.708	13.6	20.9
5 1	16 28.71	−21 3.5	1.786	2.718	10.0	20.7
5 11	16 19.75	−20 51.2	1.742	2.727	5.9	20.5
5 21	16 9.42	−20 34.3	1.724	2.735	1.5	20.2
5 31	15 58.80	−20 14.7	1.735	2.742	2.9	20.3
6 10	15 49.03	−19 55.2	1.773	2.749	7.2	20.6
6 20	15 41.02	−19 38.9	1.836	2.755	11.1	20.8
6 30	15 35.40	−19 28.6	1.922	2.761	14.3	21.0

159679 2002 JX_{24} 5 24.5 338.°36 1.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.18	−20 15.7	1.501	2.371	15.4	18.7
5 1	16 27.85	−21 11.3	1.423	2.361	11.5	18.4
5 11	16 19.69	−22 7.1	1.366	2.352	7.0	18.2
5 21	16 9.50	−23 0.6	1.334	2.344	2.2	17.8
5 31	15 58.51	−23 49.5	1.329	2.337	3.5	17.9
6 10	15 48.20	−24 33.3	1.349	2.330	8.4	18.2
6 20	15 39.84	−25 12.8	1.392	2.324	12.9	18.4
6 30	15 34.35	−25 50.3	1.456	2.319	16.8	18.6

158445 2002 CJ_{100} 5 24.5 326.°60 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.68	−21 16.7	1.723	2.588	13.9	19.9
5 1	16 25.47	−21 7.4	1.649	2.586	10.3	19.7
5 11	16 17.97	−20 52.7	1.597	2.584	6.1	19.5
5 21	16 8.98	−20 33.5	1.571	2.582	1.6	19.1
5 31	15 59.59	−20 11.7	1.572	2.580	3.1	19.3
6 10	15 50.96	−19 50.6	1.599	2.578	7.5	19.5
6 20	15 44.04	−19 33.4	1.650	2.577	11.6	19.8
6 30	15 39.51	−19 23.0	1.722	2.575	15.1	20.0

26135 1993 GL_1 5 24.5 41°.26 3°.6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.68	−29 17.1	1.647	2.499	15.1	17.6
5 1	16 27.14	−29 44.6	1.582	2.506	11.6	17.4
5 11	16 19.04	−30 0.7	1.538	2.513	7.7	17.2
5 21	16 9.27	−30 3.6	1.519	2.521	4.3	17.0
5 31	15 59.09	−29 53.2	1.526	2.529	4.4	17.0
6 10	15 49.84	−29 32.6	1.558	2.537	7.8	17.2
6 20	15 42.59	−29 6.4	1.614	2.545	11.6	17.5
6 30	15 38.04	−28 39.9	1.692	2.554	14.9	17.7

133775 2003 WC_{91} 5 24.5 290°.09 1°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.20	−17 25.2	1.871	2.736	13.0	19.9
5 1	16 25.00	−17 19.3	1.790	2.727	9.6	19.7
5 11	16 17.67	−17 11.8	1.732	2.718	5.7	19.4
5 21	16 8.92	−17 3.9	1.700	2.709	1.9	19.1
5 31	15 59.71	−16 57.4	1.695	2.701	3.4	19.2
6 10	15 51.11	−16 54.5	1.716	2.692	7.5	19.5
6 20	15 44.02	−16 57.0	1.763	2.683	11.4	19.7
6 30	15 39.13	−17 6.6	1.831	2.675	14.7	19.9

74102 1998 QX_{30} 5 24.5 322°.19 1°.9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.23	−18 44.0	1.261	2.149	16.5	18.4
5 1	16 24.47	−18 16.5	1.182	2.130	12.3	18.1
5 11	16 17.79	−17 43.4	1.122	2.112	7.4	17.8
5 21	16 9.01	−17 7.3	1.085	2.095	2.5	17.5
5 31	15 59.48	−16 32.4	1.072	2.079	4.6	17.5
6 10	15 50.73	−16 3.6	1.082	2.064	10.0	17.8
6 20	15 44.08	−15 45.6	1.114	2.049	15.1	18.0
6 30	15 40.45	−15 41.2	1.163	2.035	19.5	18.3

357740 2005 SR_7 5 24.5 250°.36 0°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.75	−21 50.5	2.679	3.527	10.1	21.8
5 1	16 23.42	−21 36.1	2.582	3.510	7.4	21.6
5 11	16 16.53	−21 17.1	2.510	3.493	4.4	21.4
5 21	16 8.60	−20 54.1	2.465	3.476	1.2	21.1
5 31	16 0.32	−20 28.6	2.450	3.458	2.2	21.2
6 10	15 52.45	−20 2.8	2.464	3.440	5.5	21.4
6 20	15 45.65	−19 39.2	2.505	3.421	8.6	21.6
6 30	15 40.46	−19 20.0	2.569	3.402	11.3	21.7

341552 2007 UM_{21} 5 24.5 209°.43 1°.2/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.35	−18 32.2	2.345	3.200	11.0	21.7
5 1	16 23.93	−18 5.7	2.263	3.196	8.1	21.5
5 11	16 16.84	−17 36.0	2.206	3.191	4.8	21.2
5 21	16 8.68	−17 4.6	2.177	3.187	1.6	21.0
5 31	16 0.24	−16 34.0	2.176	3.181	2.9	21.1
6 10	15 52.34	−16 6.7	2.204	3.176	6.4	21.3
6 20	15 45.69	−15 45.2	2.257	3.170	9.6	21.5
6 30	15 40.80	−15 31.4	2.334	3.164	12.4	21.7

110726 2001 TM_{234} 5 24.5 188°.99 7°.3/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.99	− 2 29.5	2.047	2.895	12.7	20.4
5 1	16 24.46	− 1 13.9	1.982	2.894	10.2	20.2
5 11	16 17.16	− 0 6.1	1.941	2.893	8.1	20.1
5 21	16 8.76	+ 0 48.7	1.926	2.892	7.3	20.1
5 31	16 0.12	+ 1 25.9	1.937	2.890	8.4	20.1
6 10	15 52.11	+ 1 43.1	1.974	2.887	10.6	20.3
6 20	15 45.45	+ 1 40.2	2.033	2.884	13.2	20.4
6 30	15 40.70	+ 1 18.7	2.112	2.881	15.5	20.6

154989 2005 AG_4 5 24.5 29°.40 2°.4/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.89	−32 1.8	3.803	4.622	8.0	19.6
5 1	16 19.50	−32 8.3	3.724	4.628	6.2	19.5
5 11	16 14.04	−32 7.8	3.671	4.633	4.3	19.3
5 21	16 7.93	−32 0.3	3.645	4.639	2.7	19.2
5 31	16 1.66	−31 46.0	3.648	4.645	2.6	19.2
6 10	15 55.76	−31 26.4	3.680	4.650	4.1	19.3
6 20	15 50.65	−31 3.2	3.739	4.656	6.0	19.5
6 30	15 46.72	−30 38.7	3.823	4.663	7.8	19.6

213752 2002 XM_{79} 5 24.5 134°.72 0°.1/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.48	−21 9.0	2.600	3.446	10.4	20.7
5 1	16 24.55	−21 6.2	2.530	3.458	7.6	20.6
5 11	16 17.10	−20 59.7	2.487	3.470	4.5	20.4
5 21	16 8.74	−20 50.1	2.471	3.481	1.2	20.1
5 31	16 0.19	−20 38.4	2.484	3.492	2.2	20.2
6 10	15 52.21	−20 26.6	2.527	3.502	5.4	20.5
6 20	15 45.43	−20 16.5	2.596	3.512	8.4	20.7
6 30	15 40.32	−20 10.0	2.689	3.521	10.9	20.9

207897 2008 TL_{113} 5 24.5 294°.46 0°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.87	−20 43.8	1.729	2.595	13.8	20.2
5 1	16 25.80	−20 45.1	1.641	2.578	10.3	19.9
5 11	16 18.31	−20 42.1	1.576	2.562	6.2	19.6
5 21	16 9.14	−20 35.1	1.535	2.546	1.6	19.3
5 31	15 59.34	−20 25.6	1.521	2.529	3.1	19.3
6 10	15 50.14	−20 15.9	1.533	2.513	7.8	19.6
6 20	15 42.58	−20 8.9	1.570	2.497	12.0	19.8
6 30	15 37.48	−20 7.7	1.627	2.482	15.8	20.0

427484 2001 XT_{149} 5 24.5 165°.34 2°.1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.07	−14 40.8	2.169	3.023	11.9	21.9
5 1	16 26.70	−14 36.0	2.097	3.028	8.8	21.7
5 11	16 18.50	−14 31.8	2.049	3.032	5.3	21.5
5 21	16 9.13	−14 29.5	2.029	3.036	2.3	21.3
5 31	15 59.47	−14 30.3	2.037	3.039	3.6	21.4
6 10	15 50.45	−14 35.8	2.074	3.042	7.0	21.6
6 20	15 42.82	−14 47.1	2.136	3.044	10.3	21.8
6 30	15 37.16	−15 5.0	2.222	3.045	13.2	22.0

303919 2005 UO_{194} 5 24.5 92°.07 3°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.89	−13 2.1	2.355	3.216	10.8	20.9
5 1	16 21.99	−12 6.7	2.290	3.223	8.0	20.7
5 11	16 15.61	−11 11.4	2.249	3.230	5.2	20.5
5 21	16 8.36	−10 19.5	2.236	3.236	3.3	20.4
5 31	16 0.95	− 9 34.3	2.251	3.243	4.5	20.5
6 10	15 54.12	− 8 58.8	2.293	3.249	7.2	20.7
6 20	15 48.47	− 8 34.6	2.361	3.256	10.0	20.9
6 30	15 44.45	− 8 22.5	2.451	3.262	12.4	21.1

398371 2011 SL_{99} 5 24.5 266°.21 1°.7/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.19	−20 7.8	1.466	2.337	15.6	21.0
5 1	16 27.86	−19 20.6	1.377	2.317	11.6	20.7
5 11	16 19.70	−18 24.4	1.310	2.298	7.0	20.4
5 21	16 9.54	−17 21.8	1.267	2.277	2.2	20.1
5 31	15 58.65	−16 17.7	1.251	2.257	4.4	20.1
6 10	15 48.49	−15 18.5	1.260	2.236	9.6	20.4
6 20	15 40.31	−14 30.1	1.291	2.214	14.5	20.6
6 30	15 34.99	−13 56.8	1.343	2.192	18.7	20.8

341571 2007 UP_{55} 5 24.5 116°.34 1°.1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.69	−19 12.6	2.545	3.396	10.4	21.7
5 1	16 23.89	−18 39.0	2.484	3.414	7.6	21.6
5 11	16 16.67	−18 2.1	2.448	3.432	4.5	21.4
5 21	16 8.63	−17 23.8	2.440	3.449	1.4	21.2
5 31	16 0.50	−16 46.4	2.461	3.466	2.6	21.3
6 10	15 53.00	−16 12.5	2.512	3.482	5.8	21.6
6 20	15 46.71	−15 44.4	2.589	3.498	8.6	21.8
6 30	15 42.07	−15 23.8	2.689	3.514	11.1	22.0

123164 2000 TZ_{50} 5 24.5 225°.03 2°.8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.50	−13 37.3	1.973	2.833	12.6	20.4
5 1	16 25.80	−13 23.1	1.894	2.828	9.4	20.2
5 11	16 18.08	−13 10.1	1.839	2.822	5.8	19.9
5 21	16 9.05	−13 0.1	1.810	2.815	3.0	19.7
5 31	15 59.62	−12 55.3	1.809	2.809	4.3	19.8
6 10	15 50.80	−12 57.6	1.835	2.802	7.8	20.0
6 20	15 43.42	−13 8.1	1.886	2.795	11.4	20.2
6 30	15 38.13	−13 27.6	1.959	2.787	14.5	20.4

181440 2006 SN_{380} 5 24.5 122°.92 6°.2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.29	− 0 47.6	2.683	3.520	10.4	20.9
5 1	16 22.05	+ 0 9.7	2.631	3.534	8.4	20.8
5 11	16 15.56	+ 0 58.8	2.604	3.548	6.8	20.7
5 21	16 8.34	+ 1 36.4	2.603	3.561	6.2	20.7
5 31	16 1.03	+ 1 59.8	2.630	3.574	6.9	20.8
6 10	15 54.24	+ 2 7.9	2.683	3.587	8.6	20.9
6 20	15 48.49	+ 2 0.8	2.760	3.599	10.4	21.1
6 30	15 44.17	+ 1 39.7	2.859	3.611	12.2	21.2

506754 2006 VP_{137} 5 24.5 131°.54 0°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.66	−19 36.5	2.892	3.736	9.5	22.7
5 1	16 24.55	−19 45.5	2.823	3.750	7.0	22.5
5 11	16 17.07	−19 52.4	2.781	3.764	4.1	22.4
5 21	16 8.75	−19 57.2	2.766	3.777	1.1	22.2
5 31	16 0.26	−20 0.7	2.782	3.790	2.1	22.3
6 10	15 52.27	−20 4.1	2.828	3.802	5.0	22.5
6 20	15 45.35	−20 8.4	2.901	3.814	7.7	22.7
6 30	15 39.94	−20 15.2	2.999	3.825	10.0	22.8

179432 2002 AO_{75} 5 24.5 201°.29 3°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.74	−10 40.4	2.589	3.442	10.2	21.0
5 1	16 23.31	−10 23.9	2.511	3.439	7.7	20.8
5 11	16 16.42	−10 10.2	2.458	3.436	5.0	20.7
5 21	16 8.60	−10 1.0	2.433	3.432	3.2	20.5
5 31	16 0.53	− 9 58.0	2.436	3.428	4.2	20.6
6 10	15 52.92	−10 2.4	2.468	3.424	6.7	20.7
6 20	15 46.38	−10 15.1	2.526	3.420	9.4	20.9
6 30	15 41.39	−10 36.0	2.606	3.416	11.8	21.1

276111 2002 GM_9 5 24.5 321°.02 12°.7/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 37.64	−24 45.5	0.734	1.635	23.5	20.1
5 1	16 35.73	−28 38.0	0.638	1.588	19.2	19.6
5 11	16 27.83	−33 19.3	0.560	1.542	14.8	19.1
5 21	16 12.77	−38 38.6	0.502	1.496	12.7	18.7
5 31	15 50.41	−44 5.0	0.465	1.451	16.4	18.6
6 10	15 23.07	−48 57.1	0.447	1.409	23.7	18.7
6 20	14 55.55	−52 47.2	0.445	1.368	31.5	18.9
6 30	14 33.82	−55 38.5	0.453	1.331	38.5	19.0

353624 2011 UC_{49} 5 24.5 25°.91 1°.8/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.82	−25 38.4	2.227	3.073	11.9	20.6
5 1	16 25.24	−26 0.8	2.149	3.074	8.9	20.4
5 11	16 17.73	−26 17.0	2.095	3.074	5.6	20.2
5 21	16 8.98	−26 26.1	2.068	3.075	2.4	20.0
5 31	15 59.85	−26 28.2	2.070	3.076	2.9	20.0
6 10	15 51.31	−26 24.9	2.098	3.076	6.2	20.2
6 20	15 44.16	−26 18.6	2.153	3.077	9.4	20.4
6 30	15 39.02	−26 12.3	2.231	3.078	12.3	20.6

47691 2000 CT_{92} 5 24.5 146°.68 0°.7/24.8 18 R

4 21	16 30.65	−23 21.5	2.046	2.900	12.5	18.2
5 1	16 25.16	−23 19.1	1.971	2.902	9.2	18.0
5 11	16 17.69	−23 10.5	1.920	2.903	5.6	17.8
5 21	16 8.97	−22 56.2	1.895	2.904	1.7	17.5
5 31	15 59.91	−22 37.4	1.897	2.906	2.6	17.6
6 10	15 51.53	−22 16.7	1.928	2.907	6.5	17.8
6 20	15 44.64	−21 57.3	1.983	2.908	10.1	18.1
6 30	15 39.84	−21 42.0	2.062	2.909	13.2	18.3

321303 2009 FT_{67} 5 24.5 266°.73 0°.5/24.6 18

4 21	16 34.64	−21 15.9	1.551	2.415	15.2	20.8
5 1	16 28.90	−21 33.4	1.465	2.401	11.4	20.5
5 11	16 20.33	−21 47.1	1.402	2.388	6.9	20.2
5 21	16 9.74	−21 56.0	1.363	2.374	1.9	19.9
5 31	15 58.37	−22 0.4	1.351	2.359	3.4	19.9
6 10	15 47.66	−22 2.3	1.364	2.345	8.4	20.2
6 20	15 38.89	−22 4.5	1.401	2.330	13.1	20.4
6 30	15 32.98	−22 10.5	1.459	2.315	17.1	20.7

77209 2001 FH_{21} 5 24.5 90°.87 2°.0/23.9 18

4 21	16 36.10	−15 37.8	1.585	2.448	15.0	19.5
5 1	16 29.30	−15 40.7	1.533	2.469	11.0	19.3
5 11	16 20.14	−15 43.9	1.505	2.490	6.6	19.1
5 21	16 9.58	−15 48.5	1.502	2.511	2.4	18.9
5 31	15 58.85	−15 55.8	1.526	2.531	4.0	19.0
6 10	15 49.18	−16 7.3	1.577	2.551	8.2	19.3
6 20	15 41.49	−16 24.2	1.652	2.570	12.1	19.6
6 30	15 36.39	−16 47.5	1.748	2.589	15.4	19.8

248908 Ginostrada 5 24.5 55°.79 2°.5/26.1 17

4 21	16 30.11	−31 2.8	2.048	2.887	13.0	20.1
5 1	16 24.68	−30 31.6	1.981	2.899	9.9	19.9
5 11	16 17.32	−29 47.1	1.937	2.911	6.5	19.8
5 21	16 8.84	−28 50.1	1.920	2.923	3.3	19.6
5 31	16 0.23	−27 43.4	1.930	2.935	3.2	19.6
6 10	15 52.48	−26 32.0	1.968	2.948	6.3	19.8
6 20	15 46.35	−25 21.2	2.032	2.960	9.7	20.0
6 30	15 42.36	−24 16.0	2.119	2.973	12.6	20.2

37186 2000 WC_{60} 5 24.5 259°.80 3°.1/22.9 18

4 21	16 29.50	−10 25.1	2.652	3.502	10.1	18.9
5 1	16 23.98	−10 13.7	2.555	3.481	7.6	18.7
5 11	16 16.90	−10 5.2	2.483	3.460	5.0	18.5
5 21	16 8.77	−10 1.2	2.439	3.438	3.2	18.3
5 31	16 0.25	−10 3.3	2.424	3.416	4.2	18.4
6 10	15 52.07	−10 12.9	2.437	3.393	6.8	18.5
6 20	15 44.89	−10 30.5	2.477	3.370	9.6	18.6
6 30	15 39.25	−10 56.3	2.540	3.347	12.2	18.8

276508 2003 QY_{74} 5 24.5 230°.49 6°.4/20.4 18

4 21	16 28.92	− 3 31.4	2.295	3.142	11.6	20.8
5 1	16 23.62	− 2 24.8	2.217	3.131	9.2	20.6
5 11	16 16.69	− 1 24.1	2.164	3.120	7.2	20.5
5 21	16 8.71	− 0 33.7	2.138	3.108	6.4	20.4
5 31	16 0.42	+ 0 2.3	2.138	3.096	7.4	20.4
6 10	15 52.62	+ 0 21.3	2.165	3.083	9.6	20.6
6 20	15 46.00	+ 0 22.7	2.215	3.069	12.1	20.7
6 30	15 41.08	+ 0 7.4	2.286	3.056	14.4	20.8

242701 2005 TM_{72} 5 24.5 250°.91 0°.4/24.3 18

4 21	16 30.05	−18 58.9	2.424	3.277	10.8	20.4
5 1	16 24.51	−19 8.9	2.338	3.269	8.0	20.2
5 11	16 17.26	−19 17.4	2.276	3.261	4.7	20.0
5 21	16 8.87	−19 24.3	2.242	3.253	1.3	19.7
5 31	16 0.11	−19 30.5	2.237	3.244	2.5	19.8
6 10	15 51.80	−19 37.0	2.260	3.236	6.0	20.0
6 20	15 44.67	−19 45.4	2.310	3.228	9.2	20.2
6 30	15 39.31	−19 57.0	2.383	3.219	12.0	20.3

62138 2000 SO_{8} 5 24.5 89°.31 0°.2/24.5 18

4 21	16 35.38	−20 13.8	1.411	2.281	16.2	19.3
5 1	16 29.35	−20 32.9	1.347	2.286	12.0	19.1
5 11	16 20.49	−20 48.7	1.304	2.291	7.1	18.8
5 21	16 9.75	−21 0.5	1.285	2.296	1.9	18.5
5 31	15 58.51	−21 8.8	1.292	2.301	3.5	18.6
6 10	15 48.27	−21 15.5	1.325	2.306	8.6	18.9
6 20	15 40.22	−21 23.4	1.380	2.311	13.1	19.2
6 30	15 35.14	−21 35.3	1.456	2.316	17.0	19.4

485711 2012 AZ_{6} 5 24.5 249°.67 22°.0/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.01	+21 51.5	1.110	1.897	24.9	21.6
5 1	16 33.24	+23 12.5	1.064	1.891	23.4	21.4
5 11	16 22.98	+23 50.9	1.031	1.885	22.3	21.3
5 21	16 10.42	+23 34.4	1.013	1.878	22.0	21.3
5 31	15 57.30	+22 16.5	1.012	1.871	22.5	21.3
6 10	15 45.50	+19 59.8	1.026	1.864	23.9	21.3
6 20	15 36.42	+16 55.3	1.056	1.857	25.8	21.4
6 30	15 30.92	+13 17.2	1.100	1.850	27.9	21.6

509602 2008 ES_{62} 5 24.5 66°.33 7°.4/29.0 17

4 21	16 34.49	−43 37.7	2.203	2.984	14.2	20.9
5 1	16 28.21	−44 8.1	2.139	2.998	11.9	20.8
5 11	16 19.56	−44 19.6	2.096	3.013	9.6	20.6
5 21	16 9.46	−44 9.4	2.076	3.027	7.9	20.5
5 31	15 59.10	−43 37.1	2.082	3.042	7.4	20.5
6 10	15 49.72	−42 45.9	2.113	3.057	8.5	20.6
6 20	15 42.26	−41 41.5	2.169	3.071	10.4	20.8
6 30	15 37.35	−40 30.6	2.248	3.086	12.6	21.0

178747 2000 UT_{69} 5 24.5 263°.73 3°.0/25.7 18

4 21	16 31.48	−29 28.2	2.376	3.210	11.7	20.5
5 1	16 25.81	−29 54.6	2.283	3.197	9.0	20.3
5 11	16 18.15	−30 12.9	2.215	3.185	6.1	20.1
5 21	16 9.13	−30 21.6	2.173	3.172	3.5	19.9
5 31	15 59.62	−30 20.1	2.159	3.160	3.6	19.9
6 10	15 50.59	−30 10.1	2.173	3.147	6.3	20.1
6 20	15 42.89	−29 54.1	2.213	3.134	9.4	20.2
6 30	15 37.18	−29 36.1	2.277	3.121	12.2	20.4

519481 2012 DV_{65} 5 24.5 346°.09 2°.3/25.2 17

4 21	16 30.78	−25 51.7	1.282	2.158	17.1	21.4
5 1	16 26.39	−26 4.2	1.212	2.152	12.9	21.1
5 11	16 18.94	−26 6.1	1.162	2.147	8.1	20.9
5 21	16 9.38	−25 56.4	1.135	2.143	3.3	20.6
5 31	15 59.19	−25 36.1	1.131	2.140	4.0	20.6
6 10	15 49.98	−25 9.1	1.152	2.137	9.0	20.9
6 20	15 43.06	−24 41.0	1.194	2.135	13.8	21.1
6 30	15 39.33	−24 17.3	1.255	2.133	18.0	21.4

338779 2003 UQ_{280} 5 24.5 195°.97 1°.7/23.7 18

4 21	16 31.55	−15 5.4	2.465	3.315	10.7	21.3
5 1	16 25.50	−15 4.2	2.383	3.313	7.9	21.1
5 11	16 17.79	−15 3.3	2.327	3.309	4.8	20.9
5 21	16 9.01	−15 3.7	2.298	3.306	2.0	20.7
5 31	15 59.91	−15 6.5	2.299	3.302	3.1	20.8
6 10	15 51.31	−15 13.0	2.329	3.297	6.3	21.0
6 20	15 43.90	−15 24.3	2.385	3.292	9.4	21.2
6 30	15 38.21	−15 41.1	2.465	3.287	12.1	21.4

505522 2013 YK_{18} 5 24.5 201°.11 2°.4/23.6 17

4 21	16 33.05	−13 31.3	2.167	3.020	11.9	22.1
5 1	16 26.79	−13 31.7	2.087	3.017	8.9	21.9
5 11	16 18.64	−13 33.9	2.031	3.013	5.5	21.7
5 21	16 9.24	−13 39.1	2.003	3.009	2.6	21.5
5 31	15 59.47	−13 48.4	2.003	3.004	3.8	21.6
6 10	15 50.25	−14 2.9	2.032	2.999	7.2	21.8
6 20	15 42.39	−14 23.4	2.086	2.993	10.5	21.9
6 30	15 36.50	−14 50.4	2.164	2.987	13.5	22.1

56005 1998 SK_{169} 5 24.5 265°.55 5°.3/21.7 18 R

4 21	16 28.95	− 7 30.3	2.069	2.927	12.2	19.4
5 1	16 23.87	− 6 41.8	1.985	2.912	9.4	19.2
5 11	16 16.96	− 5 57.3	1.925	2.896	6.8	19.0
5 21	16 8.81	− 5 20.8	1.891	2.880	5.4	18.9
5 31	16 0.27	− 4 55.9	1.884	2.863	6.5	19.0
6 10	15 52.23	− 4 45.4	1.904	2.847	9.2	19.1
6 20	15 45.47	− 4 50.2	1.947	2.830	12.3	19.2
6 30	15 40.60	− 5 10.0	2.011	2.814	15.1	19.4

349442 2008 BK_{22} 5 24.5 73°.39 1°.7/25.4 17

4 21	16 29.73	−26 41.0	2.197	3.044	12.0	21.1
5 1	16 24.36	−26 38.5	2.127	3.052	9.0	20.9
5 11	16 17.16	−26 27.9	2.081	3.060	5.6	20.7
5 21	16 8.84	−26 9.1	2.061	3.068	2.4	20.5
5 31	16 0.28	−25 43.6	2.069	3.076	2.7	20.5
6 10	15 52.40	−25 14.1	2.105	3.084	6.0	20.7
6 20	15 45.96	−24 44.0	2.166	3.092	9.3	20.9
6 30	15 41.49	−24 16.7	2.251	3.100	12.1	21.1

185952 2001 DJ_{33} 5 24.5 108°.65 1°.4/23.9 18

4 21	16 34.34	−18 6.6	1.616	2.481	14.7	19.8
5 1	16 28.10	−17 54.4	1.557	2.494	10.8	19.6
5 11	16 19.50	−17 39.6	1.520	2.507	6.4	19.4
5 21	16 9.46	−17 23.5	1.509	2.519	2.0	19.1
5 31	15 59.17	−17 8.6	1.525	2.531	3.7	19.3
6 10	15 49.85	−16 57.6	1.567	2.543	8.0	19.6
6 20	15 42.43	−16 53.0	1.634	2.554	12.1	19.8
6 30	15 37.56	−16 56.5	1.721	2.566	15.5	20.1

161526 2004 TF_{106} 5 24.5 322.°83 9.°1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.32	− 4 24.1	1.429	2.306	15.6	19.3
5 1	16 22.58	− 2 46.3	1.357	2.288	12.5	19.1
5 11	16 16.46	− 1 14.5	1.307	2.272	10.0	18.9
5 21	16 8.72	+ 0 2.6	1.280	2.255	9.1	18.8
5 31	16 0.46	+ 0 57.1	1.276	2.240	10.7	18.9
6 10	15 52.90	+ 1 24.1	1.294	2.225	13.7	19.0
6 20	15 47.05	+ 1 22.4	1.332	2.211	17.1	19.2
6 30	15 43.68	+ 0 54.0	1.387	2.198	20.2	19.3

410284 2007 TA_{203} 5 24.5 67.°49 1.°3/24.0 17

4 21	16 33.51	−18 45.5	1.362	2.237	16.3	21.1
5 1	16 27.81	−18 31.3	1.308	2.250	11.9	20.9
5 11	16 19.45	−18 13.6	1.275	2.264	7.1	20.6
5 21	16 9.46	−17 54.0	1.267	2.277	2.1	20.3
5 31	15 59.21	−17 35.4	1.284	2.291	3.9	20.5
6 10	15 50.09	−17 21.4	1.325	2.304	8.8	20.8
6 20	15 43.15	−17 14.7	1.390	2.318	13.2	21.1
6 30	15 39.05	−17 17.4	1.474	2.332	16.9	21.4

266288 2007 BM_{31} 5 24.5 69.°74 2.°5/23.5 17

4 21	16 31.55	−16 5.3	1.581	2.452	14.6	20.9
5 1	16 26.04	−15 37.6	1.524	2.464	10.7	20.6
5 11	16 18.28	−15 8.7	1.490	2.476	6.5	20.4
5 21	16 9.15	−14 41.4	1.480	2.488	2.8	20.2
5 31	15 59.78	−14 18.8	1.497	2.500	4.4	20.4
6 10	15 51.36	−14 3.9	1.540	2.512	8.5	20.6
6 20	15 44.78	−13 58.8	1.606	2.525	12.4	20.9
6 30	15 40.64	−14 4.6	1.692	2.537	15.7	21.1

157625 2005 WQ_{121} 5 24.5 130.°91 0.°8/24.2 17

4 21	16 32.21	−19 36.8	1.885	2.745	13.1	20.7
5 1	16 26.35	−19 24.8	1.817	2.752	9.7	20.5
5 11	16 18.41	−19 9.1	1.773	2.758	5.7	20.3
5 21	16 9.19	−18 50.7	1.755	2.765	1.6	20.0
5 31	15 59.68	−18 31.8	1.764	2.771	3.1	20.2
6 10	15 50.94	−18 15.0	1.801	2.777	7.1	20.4
6 20	15 43.82	−18 2.9	1.863	2.783	10.9	20.7
6 30	15 38.92	−17 57.8	1.946	2.788	14.1	20.9

262271 2006 SZ_{353} 5 24.5 311.°38 1.°3/24.1 18

4 21	16 30.86	−17 57.4	1.298	2.180	16.4	20.0
5 1	16 26.59	−18 1.3	1.210	2.156	12.3	19.7
5 11	16 19.23	−18 3.9	1.142	2.132	7.5	19.4
5 21	16 9.54	−18 5.9	1.098	2.108	2.2	19.0
5 31	15 58.84	−18 8.9	1.077	2.085	4.2	19.0
6 10	15 48.73	−18 15.6	1.080	2.062	9.9	19.3
6 20	15 40.68	−18 28.4	1.104	2.040	15.2	19.5
6 30	15 35.76	−18 49.7	1.147	2.019	19.8	19.7

343870 2011 HT_{71} 5 24.5 294.°77 1.°0/24.1 17

4 21	16 30.57	−18 47.9	1.805	2.670	13.4	21.3
5 1	16 25.34	−18 38.3	1.728	2.666	9.9	21.1
5 11	16 17.94	−18 25.7	1.675	2.661	5.9	20.8
5 21	16 9.10	−18 11.3	1.647	2.657	1.7	20.5
5 31	15 59.84	−17 57.0	1.646	2.652	3.3	20.6
6 10	15 51.27	−17 45.5	1.671	2.648	7.5	20.9
6 20	15 44.29	−17 39.1	1.721	2.644	11.4	21.1
6 30	15 39.59	−17 40.1	1.793	2.640	14.8	21.3

175729 1998 BB_{10} 5 24.5 254.°02 17.°1/19.1 18

4 21	16 54.05	+ 0 45.3	0.836	1.695	25.2	22.2
5 1	16 46.40	+ 2 57.9	0.747	1.663	21.6	21.8
5 11	16 32.81	+ 5 6.9	0.674	1.627	18.3	21.4
5 21	16 13.61	+ 6 54.0	0.619	1.587	17.2	21.2
5 31	15 50.57	+ 7 56.4	0.585	1.543	20.1	21.1
6 10	15 26.90	+ 7 57.8	0.569	1.495	26.2	21.1
6 20	15 5.89	+ 6 55.4	0.569	1.443	33.3	21.3
6 30	14 49.95	+ 4 58.6	0.579	1.386	40.4	21.4

383217 2005 YQ_{206} 5 24.5 50.°22 21.°5/24.9 18

4 21	16 40.15	+21 47.8	1.026	1.821	26.0	20.1
5 1	16 33.14	+22 37.0	0.993	1.829	24.0	20.0
5 11	16 22.73	+22 38.8	0.972	1.838	22.5	19.9
5 21	16 10.33	+21 43.5	0.967	1.847	21.6	19.9
5 31	15 57.76	+19 48.4	0.978	1.856	21.7	19.9
6 10	15 46.85	+17 0.6	1.006	1.865	22.7	20.1
6 20	15 38.84	+13 33.9	1.051	1.875	24.4	20.2
6 30	15 34.40	+ 9 44.2	1.112	1.885	26.3	20.4

207464 2006 GH_{40} 5 24.5 8.°29 1.°9/23.7 17

4 21	16 29.77	−20 24.8	1.187	2.075	17.3	19.4
5 1	16 25.49	−19 29.8	1.126	2.075	12.8	19.1
5 11	16 18.29	−18 25.8	1.085	2.076	7.6	18.8
5 21	16 9.22	−17 17.1	1.067	2.077	2.4	18.5
5 31	15 59.74	−16 10.1	1.073	2.079	4.7	18.6
6 10	15 51.39	−15 12.0	1.102	2.082	10.0	19.0
6 20	15 45.34	−14 28.4	1.152	2.085	14.9	19.2
6 30	15 42.33	−14 2.5	1.221	2.089	19.0	19.5

348241 2004 SB_{33} 5 24.5 309.°08 2.°0/25.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.78	−24 21.9	1.505	2.372	15.5	20.5
5 1	16 27.17	−24 47.5	1.405	2.341	11.8	20.2
5 11	16 19.57	−25 7.2	1.326	2.310	7.4	19.9
5 21	16 9.67	−25 19.1	1.270	2.279	2.9	19.5
5 31	15 58.65	−25 22.6	1.240	2.248	3.8	19.5
6 10	15 48.06	−25 19.1	1.234	2.217	8.8	19.7
6 20	15 39.32	−25 12.2	1.252	2.187	13.8	19.9
6 30	15 33.57	−25 6.8	1.289	2.157	18.2	20.1

10741 Valeriocarruba 5 24.5 132.°82 1.°0/24.8 18

4 21	16 36.35	−21 46.4	1.882	2.733	13.5	17.6
5 1	16 29.56	−22 24.8	1.811	2.740	10.1	17.4
5 11	16 20.44	−22 59.9	1.764	2.747	6.1	17.2
5 21	16 9.78	−23 30.1	1.744	2.753	2.0	16.9
5 31	15 58.68	−23 54.5	1.752	2.760	2.9	17.0
6 10	15 48.33	−24 14.0	1.788	2.766	7.0	17.3
6 20	15 39.70	−24 30.5	1.850	2.772	10.8	17.5
6 30	15 33.51	−24 46.6	1.934	2.777	14.1	17.8

138830 2000 UJ_{62} 5 24.5 142.°66 3.°2/26.4 18

4 21	16 32.00	−33 7.6	3.124	3.933	9.8	21.4
5 1	16 25.65	−33 28.5	3.049	3.945	7.6	21.2
5 11	16 17.81	−33 40.4	3.000	3.957	5.4	21.1
5 21	16 9.05	−33 42.2	2.978	3.968	3.6	21.0
5 31	16 0.07	−33 34.1	2.986	3.979	3.5	21.0
6 10	15 51.60	−33 17.5	3.023	3.989	5.2	21.1
6 20	15 44.27	−32 55.0	3.087	3.998	7.3	21.3
6 30	15 38.55	−32 29.7	3.176	4.007	9.4	21.4

95920 2003 HJ_{52} 5 24.5 301.°04 3.°5/22.9 18

4 21	16 28.23	−11 23.8	2.135	2.997	11.7	19.4
5 1	16 23.41	−11 5.9	2.043	2.976	8.9	19.2
5 11	16 16.75	−10 50.5	1.974	2.955	5.8	19.0
5 21	16 8.82	−10 39.9	1.932	2.934	3.6	18.8
5 31	16 0.43	−10 36.4	1.918	2.913	4.7	18.8
6 10	15 52.47	−10 41.9	1.930	2.892	7.9	19.0
6 20	15 45.72	−10 57.2	1.967	2.872	11.2	19.2
6 30	15 40.83	−11 22.7	2.026	2.851	14.2	19.3

264626 2001 VA_{97} 5 24.5 83.°86 7.°8/21.3 18

4 21	16 32.26	− 1 25.5	1.805	2.653	14.1	20.6
5 1	16 26.07	− 0 25.4	1.768	2.680	11.3	20.5
5 11	16 18.07	+ 0 22.7	1.755	2.707	8.9	20.4
5 21	16 9.09	+ 0 54.2	1.766	2.733	7.8	20.4
5 31	16 0.11	+ 1 6.0	1.803	2.759	8.7	20.5
6 10	15 52.05	+ 0 57.3	1.865	2.785	10.9	20.7
6 20	15 45.61	+ 0 29.9	1.950	2.810	13.3	20.9
6 30	15 41.26	− 0 13.5	2.055	2.834	15.5	21.1

299319 2005 QP_{103} 5 24.5 182.°13 3.°3/22.4 17

4 21	16 27.39	−11 59.8	2.495	3.352	10.4	21.1
5 1	16 22.37	−11 15.5	2.422	3.353	7.8	20.9
5 11	16 15.91	−10 32.0	2.374	3.353	5.1	20.7
5 21	16 8.56	− 9 52.2	2.354	3.353	3.3	20.6
5 31	16 1.01	− 9 19.0	2.362	3.352	4.4	20.7
6 10	15 53.96	− 8 54.5	2.397	3.352	7.0	20.8
6 20	15 48.02	− 8 40.4	2.458	3.351	9.7	21.0
6 30	15 43.65	− 8 37.3	2.542	3.350	12.1	21.2

471331 2011 LR_{7} 5 24.5 346.°36 3.°7/23.8 17

4 21	16 31.44	−10 42.5	1.487	2.360	15.3	20.5
5 1	16 26.37	−10 58.6	1.415	2.354	11.5	20.2
5 11	16 18.75	−11 21.9	1.364	2.348	7.4	20.0
5 21	16 9.38	−11 53.8	1.338	2.343	4.0	19.7
5 31	15 59.44	−12 35.0	1.337	2.338	5.2	19.8
6 10	15 50.24	−13 25.2	1.362	2.334	9.3	20.0
6 20	15 42.87	−14 23.3	1.409	2.332	13.5	20.3
6 30	15 38.14	−15 28.2	1.477	2.329	17.2	20.5

148452 2000 YR_{59} 5 24.5 209.°97 0.°6/24.1 18

4 21	16 28.11	−19 44.4	2.870	3.719	9.4	21.0
5 1	16 22.83	−19 26.1	2.784	3.713	6.9	20.8
5 11	16 16.17	−19 4.6	2.723	3.707	4.1	20.6
5 21	16 8.64	−18 41.0	2.690	3.701	1.2	20.4
5 31	16 0.86	−18 16.8	2.687	3.694	2.3	20.4
6 10	15 53.52	−17 54.1	2.713	3.686	5.2	20.6
6 20	15 47.16	−17 34.9	2.766	3.679	8.0	20.8
6 30	15 42.27	−17 20.8	2.844	3.671	10.5	21.0

343663 2010 NL_{5} 5 24.5 243.°27 0.°8/23.6 18

4 21	16 20.95	−17 53.9	4.595	5.445	6.2	21.0
5 1	16 17.19	−17 26.4	4.511	5.441	4.5	20.8
5 11	16 12.67	−16 57.4	4.453	5.437	2.7	20.7
5 21	16 7.70	−16 28.0	4.424	5.433	1.0	20.6
5 31	16 2.62	−15 59.4	4.425	5.429	1.7	20.6
6 10	15 57.79	−15 32.9	4.456	5.424	3.6	20.8
6 20	15 53.52	−15 9.7	4.515	5.420	5.3	20.9
6 30	15 50.07	−14 50.7	4.599	5.416	6.9	21.0

473027 2015 HB_{64} 5 24.5 326°.33 1°.4/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.81	−24 31.2	1.821	2.679	13.6	21.0
5 1	16 25.64	−24 40.1	1.743	2.675	10.2	20.8
5 11	16 18.19	−24 41.9	1.688	2.671	6.3	20.6
5 21	16 9.24	−24 36.4	1.658	2.667	2.3	20.3
5 31	15 59.82	−24 24.2	1.655	2.663	3.0	20.3
6 10	15 51.10	−24 8.1	1.678	2.659	7.1	20.6
6 20	15 44.04	−23 51.3	1.727	2.656	11.0	20.8
6 30	15 39.34	−23 37.4	1.796	2.653	14.4	21.0

129384 1218 $T\text{-}_1$ 5 24.5 16°.96 3°.9/25.7 17

4 21	16 33.65	−28 29.1	1.156	2.029	18.7	19.5
5 1	16 28.81	−28 51.9	1.094	2.031	14.3	19.2
5 11	16 20.51	−29 0.6	1.052	2.033	9.4	19.0
5 21	16 9.89	−28 52.6	1.031	2.036	4.8	18.7
5 31	15 58.65	−28 28.4	1.033	2.039	5.0	18.7
6 10	15 48.66	−27 52.9	1.058	2.042	9.7	19.0
6 20	15 41.36	−27 13.3	1.104	2.047	14.5	19.3
6 30	15 37.61	−26 36.9	1.169	2.051	18.8	19.6

504421 2008 AC_{10} 5 24.5 121°.56 1°.2/23.8 17

4 21	16 29.25	−18 9.4	2.479	3.332	10.6	22.6
5 1	16 23.72	−17 48.3	2.412	3.344	7.7	22.4
5 11	16 16.70	−17 25.0	2.371	3.356	4.6	22.2
5 21	16 8.79	−17 0.8	2.358	3.367	1.5	22.0
5 31	16 0.71	−16 37.7	2.373	3.378	2.7	22.1
6 10	15 53.23	−16 18.0	2.417	3.389	5.9	22.3
6 20	15 46.94	−16 3.3	2.487	3.399	8.8	22.5
6 30	15 42.32	−15 55.3	2.581	3.410	11.4	22.7

478174 2011 UZ_{190} 5 24.5 224°.99 0°.3/24.6 18

4 21	16 30.31	−21 22.9	2.552	3.400	10.5	21.7
5 1	16 24.67	−21 33.0	2.466	3.394	7.8	21.5
5 11	16 17.39	−21 39.8	2.404	3.387	4.7	21.3
5 21	16 9.01	−21 43.4	2.371	3.381	1.3	21.0
5 31	16 0.28	−21 44.3	2.366	3.374	2.2	21.1
6 10	15 52.00	−21 43.9	2.390	3.367	5.6	21.3
6 20	15 44.87	−21 43.8	2.441	3.359	8.7	21.5
6 30	15 39.44	−21 46.0	2.515	3.351	11.4	21.6

475531 2006 SB_{411} 5 24.5 217°.94 3°.3/26.1 17

4 21	16 31.84	−31 16.3	2.432	3.259	11.6	22.3
5 1	16 26.01	−31 36.8	2.346	3.254	9.0	22.1
5 11	16 18.26	−31 47.7	2.284	3.250	6.2	21.9
5 21	16 9.25	−31 47.5	2.248	3.245	3.8	21.8
5 31	15 59.83	−31 36.2	2.241	3.239	3.8	21.8
6 10	15 50.97	−31 15.6	2.262	3.234	6.2	21.9
6 20	15 43.47	−30 49.0	2.308	3.228	9.1	22.1
6 30	15 37.95	−30 20.4	2.379	3.222	11.8	22.2

115983 2003 WJ_{59} 5 24.5 271°.73 0°.7/24.2 17

4 21	16 30.18	−19 45.9	1.950	2.812	12.7	20.1
5 1	16 24.98	−19 32.2	1.868	2.803	9.4	19.9
5 11	16 17.73	−19 14.6	1.809	2.795	5.6	19.7
5 21	16 9.12	−18 54.1	1.777	2.787	1.5	19.4
5 31	16 0.09	−18 32.8	1.772	2.779	3.0	19.5
6 10	15 51.67	−18 13.5	1.793	2.770	7.1	19.7
6 20	15 44.73	−17 58.9	1.840	2.762	10.9	19.9
6 30	15 39.92	−17 51.4	1.909	2.754	14.2	20.1

190058 2004 RS_{257} 5 24.5 170°.35 3°.4/22.5 18

4 21	16 30.35	−12 41.4	2.290	3.146	11.3	21.3
5 1	16 24.63	−11 52.0	2.219	3.150	8.4	21.1
5 11	16 17.29	−11 2.9	2.174	3.153	5.4	20.9
5 21	16 8.96	−10 17.2	2.155	3.155	3.4	20.8
5 31	16 0.42	− 9 38.1	2.165	3.157	4.6	20.9
6 10	15 52.49	− 9 8.4	2.204	3.159	7.5	21.1
6 20	15 45.82	− 8 50.0	2.267	3.160	10.4	21.2
6 30	15 40.92	− 8 43.4	2.353	3.160	13.0	21.4

390287 2013 AM_{21} 5 24.5 273°.26 3°.3/23.1 18

4 21	16 28.97	−11 7.6	2.253	3.111	11.3	20.4
5 1	16 23.75	−10 55.3	2.176	3.107	8.5	20.2
5 11	16 16.85	−10 46.2	2.123	3.103	5.5	20.0
5 21	16 8.87	−10 41.9	2.097	3.098	3.4	19.9
5 31	16 0.57	−10 44.3	2.099	3.094	4.4	20.0
6 10	15 52.79	−10 54.7	2.128	3.089	7.3	20.1
6 20	15 46.23	−11 13.6	2.182	3.085	10.3	20.3
6 30	15 41.42	−11 41.0	2.259	3.081	13.0	20.5

12185 Gasprinskij 5 24.5 202°.95 2°.2/25.5 18

4 21	16 32.58	−27 19.0	2.145	2.987	12.4	18.7
5 1	16 26.67	−27 30.5	2.063	2.984	9.4	18.5
5 11	16 18.70	−27 33.6	2.005	2.982	6.0	18.3
5 21	16 9.37	−27 27.6	1.973	2.979	2.8	18.0
5 31	15 59.64	−27 12.8	1.970	2.975	3.1	18.1
6 10	15 50.54	−26 51.8	1.994	2.972	6.4	18.3
6 20	15 42.94	−26 27.8	2.044	2.968	9.9	18.5
6 30	15 37.49	−26 4.7	2.117	2.963	12.9	18.6

28297 1999 CR_{63} 5 24.5 41°.65 1°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.61	−19 31.3	1.824	2.692	13.1	18.2
5 1	16 23.72	−18 46.0	1.761	2.700	9.6	18.0
5 11	16 16.88	−17 55.7	1.721	2.708	5.7	17.8
5 21	16 8.86	−17 3.2	1.707	2.716	1.9	17.6
5 31	16 0.64	−16 12.5	1.719	2.725	3.5	17.7
6 10	15 53.21	−15 27.8	1.759	2.734	7.4	17.9
6 20	15 47.36	−14 52.2	1.823	2.743	11.1	18.2
6 30	15 43.62	−14 28.1	1.908	2.752	14.2	18.4

431392 2007 FJ_8 5 24.5 261°.71 2°.4/23.4 17

4 21	16 31.43	−15 59.0	1.960	2.821	12.7	21.1
5 1	16 25.96	−15 26.1	1.866	2.801	9.4	20.8
5 11	16 18.38	−14 50.7	1.796	2.780	5.8	20.6
5 21	16 9.32	−14 15.3	1.752	2.759	2.7	20.3
5 31	15 59.73	−13 42.8	1.736	2.737	4.2	20.4
6 10	15 50.64	−13 16.7	1.746	2.715	8.0	20.5
6 20	15 42.97	−12 59.8	1.782	2.692	11.8	20.7
6 30	15 37.44	−12 54.0	1.839	2.669	15.2	20.9

460465 2014 SH_{263} 5 24.5 229°.86 0°.4/24.4 17

4 21	16 35.54	−19 54.7	1.656	2.516	14.6	21.0
5 1	16 29.35	−19 57.4	1.573	2.507	10.9	20.8
5 11	16 20.54	−19 56.4	1.512	2.498	6.5	20.5
5 21	16 9.91	−19 51.9	1.477	2.487	1.7	20.1
5 31	15 58.65	−19 45.1	1.469	2.476	3.3	20.2
6 10	15 48.08	−19 38.5	1.487	2.465	8.2	20.5
6 20	15 39.36	−19 34.9	1.530	2.453	12.6	20.7
6 30	15 33.30	−19 37.4	1.594	2.441	16.4	20.9

486691 2013 VD_9 5 24.5 312°.93 3°.8/21.1 18

4 21	16 21.23	− 2 50.2	4.156	4.995	7.0	20.7
5 1	16 17.45	− 2 23.4	4.084	4.992	5.5	20.6
5 11	16 12.86	− 2 1.3	4.037	4.989	4.3	20.5
5 21	16 7.79	− 1 45.6	4.018	4.986	3.8	20.5
5 31	16 2.61	− 1 37.4	4.027	4.984	4.3	20.5
6 10	15 57.67	− 1 37.6	4.063	4.981	5.5	20.6
6 20	15 53.33	− 1 46.5	4.125	4.978	7.0	20.7
6 30	15 49.85	− 2 3.6	4.210	4.976	8.4	20.8

175805 1999 RQ_{155} 5 24.5 251°.50 0°.4/24.3 18

4 21	16 33.34	−21 48.1	1.760	2.619	13.9	20.5
5 1	16 27.63	−21 21.9	1.669	2.603	10.4	20.3
5 11	16 19.47	−20 48.1	1.600	2.586	6.2	20.0
5 21	16 9.63	−20 7.8	1.558	2.569	1.6	19.6
5 31	15 59.19	−19 23.9	1.543	2.551	3.2	19.7
6 10	15 49.39	−18 40.6	1.555	2.532	7.9	19.9
6 20	15 41.30	−18 2.5	1.591	2.513	12.3	20.1
6 30	15 35.69	−17 33.5	1.649	2.494	16.0	20.3

99012 2001 DU_{59} 5 24.5 113°.54 6°.5/22.0 17

4 21	16 31.58	− 2 49.7	2.015	2.861	12.9	19.4
5 1	16 25.62	− 2 17.6	1.959	2.874	10.2	19.2
5 11	16 17.91	− 1 55.3	1.927	2.886	7.8	19.1
5 21	16 9.15	− 1 45.9	1.921	2.898	6.5	19.0
5 31	16 0.22	− 1 51.9	1.942	2.909	7.3	19.1
6 10	15 52.01	− 2 13.9	1.988	2.920	9.6	19.3
6 20	15 45.23	− 2 50.7	2.059	2.931	12.2	19.4
6 30	15 40.40	− 3 40.5	2.151	2.942	14.6	19.6

466533 2014 SH_{57} 5 24.5 181°.60 2°.5/23.6 17

4 21	16 34.61	−15 41.3	1.730	2.592	14.0	22.2
5 1	16 28.33	−15 19.0	1.658	2.593	10.4	21.9
5 11	16 19.75	−14 55.7	1.609	2.594	6.3	21.7
5 21	16 9.68	−14 33.5	1.586	2.594	2.7	21.5
5 31	15 59.22	−14 15.1	1.591	2.593	4.3	21.6
6 10	15 49.55	−14 3.4	1.622	2.592	8.4	21.8
6 20	15 41.63	−14 0.4	1.677	2.590	12.3	22.0
6 30	15 36.13	−14 7.6	1.754	2.587	15.7	22.2

396068 2013 CU_{72} 5 24.5 335°.72 8°.9/20.2 16

4 21	16 26.56	+ 2 4.2	1.921	2.767	13.5	20.2
5 1	16 22.20	+ 3 0.1	1.854	2.758	11.3	20.0
5 11	16 16.03	+ 3 43.2	1.809	2.749	9.5	19.9
5 21	16 8.69	+ 4 8.6	1.788	2.741	8.9	19.9
5 31	16 1.03	+ 4 12.2	1.792	2.733	9.8	19.9
6 10	15 53.94	+ 3 52.9	1.819	2.726	11.8	20.0
6 20	15 48.18	+ 3 11.8	1.868	2.719	14.1	20.1
6 30	15 44.33	+ 2 11.8	1.935	2.713	16.4	20.3

479059 2013 AR_{64} 5 24.5 178°.83 2°.2/25.9 18

4 21	16 30.44	−29 34.3	2.597	3.428	10.9	21.6
5 1	16 24.74	−29 24.3	2.515	3.429	8.3	21.5
5 11	16 17.40	−29 4.9	2.458	3.430	5.4	21.3
5 21	16 9.03	−28 36.0	2.427	3.430	2.7	21.1
5 31	16 0.43	−27 59.0	2.426	3.430	2.8	21.1
6 10	15 52.41	−27 16.5	2.453	3.430	5.5	21.3
6 20	15 45.65	−26 32.1	2.508	3.429	8.4	21.5
6 30	15 40.67	−25 49.4	2.586	3.428	11.0	21.6

20996 1986 *PB* 5 24.5 271.°37 23.°9/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.05	+25 14.5	1.156	1.932	24.7	17.7
5 1	16 28.06	+27 55.4	1.127	1.926	24.0	17.6
5 11	16 19.93	+29 53.1	1.112	1.920	23.9	17.6
5 21	16 9.76	+30 55.2	1.110	1.914	24.4	17.6
5 31	15 59.13	+30 55.1	1.121	1.908	25.3	17.6
6 10	15 49.69	+29 54.1	1.144	1.902	26.5	17.7
6 20	15 42.70	+27 59.6	1.176	1.896	27.8	17.8
6 30	15 38.92	+25 22.6	1.218	1.889	29.2	17.9

512083 2015 NV_{14} 5 24.5 291.°11 5.°3/27.8 18

4 21	16 31.11	−38 43.6	2.344	3.149	12.7	21.0
5 1	16 25.69	−38 46.3	2.251	3.136	10.4	20.8
5 11	16 18.17	−38 33.2	2.179	3.123	7.9	20.6
5 21	16 9.27	−38 2.3	2.132	3.110	5.9	20.5
5 31	15 59.98	−37 13.8	2.113	3.097	5.4	20.4
6 10	15 51.35	−36 11.0	2.120	3.084	7.1	20.5
6 20	15 44.28	−34 58.9	2.153	3.072	9.7	20.6
6 30	15 39.39	−33 43.6	2.210	3.059	12.3	20.8

501202 2013 TU_{134} 5 24.5 192.°76 2.°1/23.4 17

4 21	16 31.62	−14 46.6	2.549	3.398	10.5	23.7
5 1	16 25.52	−14 24.3	2.467	3.395	7.8	23.5
5 11	16 17.85	−14 1.6	2.411	3.392	4.8	23.3
5 21	16 9.17	−13 40.1	2.383	3.388	2.3	23.1
5 31	16 0.22	−13 21.8	2.384	3.384	3.4	23.2
6 10	15 51.77	−13 8.7	2.414	3.378	6.4	23.3
6 20	15 44.48	−13 2.2	2.472	3.372	9.3	23.5
6 30	15 38.85	−13 3.5	2.552	3.366	11.9	23.7

505465 2013 TE_{94} 5 24.5 213.°19 2.°3/23.4 17

4 21	16 31.25	−16 0.5	2.057	2.916	12.2	22.1
5 1	16 25.61	−15 30.3	1.977	2.911	9.0	21.9
5 11	16 18.06	−14 58.5	1.921	2.906	5.5	21.7
5 21	16 9.25	−14 27.1	1.892	2.899	2.5	21.5
5 31	16 0.10	−13 58.9	1.891	2.893	3.8	21.5
6 10	15 51.55	−13 36.9	1.917	2.886	7.4	21.8
6 20	15 44.41	−13 23.2	1.969	2.878	10.9	22.0
6 30	15 39.27	−13 19.4	2.043	2.871	14.0	22.1

61361 2000 PB_{18} 5 24.5 251.°97 2.°0/23.6 18

4 21	16 32.07	−16 7.7	2.053	2.911	12.3	20.0
5 1	16 26.37	−15 48.5	1.960	2.893	9.2	19.8
5 11	16 18.61	−15 27.9	1.890	2.874	5.6	19.5
5 21	16 9.43	−15 7.5	1.848	2.856	2.3	19.3
5 31	15 59.74	−14 49.5	1.833	2.836	3.7	19.3
6 10	15 50.53	−14 36.5	1.846	2.816	7.5	19.5
6 20	15 42.70	−14 30.7	1.885	2.796	11.2	19.7
6 30	15 36.93	−14 33.7	1.945	2.775	14.5	19.9

351857 2006 RP_{75} 5 24.5 155.°27 2.°4/25.9 17

4 21	16 31.52	−29 22.4	2.720	3.548	10.5	22.5
5 1	16 25.49	−29 33.3	2.643	3.554	8.0	22.3
5 11	16 17.84	−29 36.1	2.591	3.561	5.3	22.2
5 21	16 9.19	−29 30.1	2.566	3.567	2.9	22.0
5 31	16 0.28	−29 15.7	2.570	3.572	2.9	22.0
6 10	15 51.93	−28 55.0	2.603	3.577	5.4	22.2
6 20	15 44.79	−28 30.6	2.663	3.581	8.1	22.4
6 30	15 39.39	−28 5.8	2.747	3.586	10.5	22.5

346278 2008 GR_{141} 5 24.5 302.°29 0.°2/24.7 18

4 21	16 23.29	−21 32.3	4.185	5.029	6.8	20.5
5 1	16 19.04	−21 38.9	4.097	5.023	5.0	20.4
5 11	16 13.87	−21 43.3	4.034	5.017	3.0	20.2
5 21	16 8.13	−21 45.9	4.001	5.011	0.8	20.0
5 31	16 2.21	−21 47.0	3.997	5.005	1.4	20.1
6 10	15 56.53	−21 47.4	4.023	4.999	3.6	20.3
6 20	15 51.49	−21 48.2	4.077	4.993	5.6	20.4
6 30	15 47.39	−21 50.3	4.156	4.987	7.4	20.5

496507 2014 UA_{118} 5 24.5 161.°59 2.°8/23.4 17

4 21	16 33.90	−14 39.9	1.831	2.691	13.5	21.8
5 1	16 27.65	−14 12.5	1.763	2.697	10.0	21.6
5 11	16 19.28	−13 44.9	1.718	2.702	6.1	21.4
5 21	16 9.59	−13 19.5	1.700	2.706	3.0	21.2
5 31	15 59.59	−12 59.1	1.710	2.710	4.4	21.3
6 10	15 50.38	−12 46.5	1.746	2.713	8.1	21.5
6 20	15 42.81	−12 43.3	1.807	2.716	11.8	21.8
6 30	15 37.51	−12 50.6	1.890	2.718	15.0	22.0

268054 2004 RV_{18} 5 24.5 328.°55 5.°2/22.3 17

4 21	16 28.91	−10 44.7	1.563	2.438	14.5	20.5
5 1	16 24.33	− 9 51.8	1.493	2.432	11.0	20.3
5 11	16 17.48	− 9 1.4	1.446	2.426	7.5	20.1
5 21	16 9.14	− 8 18.1	1.423	2.420	5.2	19.9
5 31	16 0.39	− 7 46.8	1.425	2.415	6.7	20.0
6 10	15 52.40	− 7 31.1	1.451	2.411	10.2	20.2
6 20	15 46.09	− 7 32.3	1.500	2.406	13.9	20.4
6 30	15 42.17	− 7 50.1	1.569	2.402	17.3	20.6

46655 1995 UR_9 5 24.5 1.°67 2.°7/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.21	−17 53.8	1.255	2.142	16.6	19.0
5 1	16 25.01	−17 3.9	1.192	2.140	12.3	18.8
5 11	16 18.05	−16 8.7	1.150	2.140	7.4	18.5
5 21	16 9.31	−15 12.7	1.131	2.140	3.1	18.2
5 31	16 0.14	−14 21.3	1.136	2.141	5.1	18.4
6 10	15 51.98	−13 40.5	1.165	2.142	10.0	18.6
6 20	15 45.97	−13 14.3	1.215	2.144	14.6	18.9
6 30	15 42.82	−13 4.5	1.283	2.147	18.6	19.2

440661 2005 XG_{34} 5 24.5 251.°50 0.°1/24.5 16

4 21	16 28.23	−22 14.6	2.611	3.460	10.2	22.5
5 1	16 23.15	−21 52.8	2.519	3.448	7.6	22.3
5 11	16 16.51	−21 25.7	2.452	3.435	4.5	22.1
5 21	16 8.86	−20 54.4	2.412	3.423	1.2	21.9
5 31	16 0.91	−20 20.5	2.402	3.410	2.2	21.9
6 10	15 53.40	−19 46.7	2.420	3.397	5.6	22.1
6 20	15 47.00	−19 15.7	2.465	3.383	8.6	22.3
6 30	15 42.21	−18 49.9	2.534	3.370	11.4	22.5

376210 2011 DB_{24} 5 24.5 203.°40 5.°4/21.9 17

4 21	16 30.64	− 7 10.3	2.048	2.903	12.4	21.2
5 1	16 25.09	− 6 23.1	1.976	2.900	9.6	21.0
5 11	16 17.72	− 5 40.8	1.927	2.897	6.9	20.8
5 21	16 9.18	− 5 7.2	1.905	2.893	5.4	20.7
5 31	16 0.34	− 4 45.8	1.910	2.888	6.5	20.8
6 10	15 52.10	− 4 38.8	1.941	2.883	9.2	21.0
6 20	15 45.22	− 4 46.8	1.996	2.878	12.1	21.1
6 30	15 40.27	− 5 9.2	2.073	2.873	14.8	21.3

76206 2000 ES_{59} 5 24.5 313.°48 1.°5/23.9 18

4 21	16 29.30	−18 5.3	1.906	2.772	12.8	19.1
5 1	16 24.35	−17 44.3	1.830	2.767	9.4	18.8
5 11	16 17.38	−17 20.5	1.776	2.763	5.6	18.6
5 21	16 9.11	−16 55.5	1.749	2.759	1.9	18.3
5 31	16 0.47	−16 31.9	1.749	2.754	3.4	18.4
6 10	15 52.48	−16 12.6	1.775	2.750	7.3	18.7
6 20	15 45.97	−16 0.0	1.826	2.746	11.0	18.9
6 30	15 41.56	−15 56.0	1.899	2.743	14.3	19.1

356796 2011 UY_{322} 5 24.5 220.°47 3.°9/21.9 18

4 21	16 27.72	− 7 34.0	2.974	3.820	9.3	21.7
5 1	16 22.50	− 6 56.5	2.889	3.809	7.1	21.5
5 11	16 16.02	− 6 22.1	2.830	3.798	5.1	21.4
5 21	16 8.72	− 5 53.3	2.799	3.786	3.9	21.3
5 31	16 1.18	− 5 32.4	2.797	3.774	4.8	21.3
6 10	15 54.01	− 5 21.1	2.823	3.762	6.8	21.4
6 20	15 47.74	− 5 20.1	2.875	3.749	9.1	21.6
6 30	15 42.79	− 5 29.5	2.950	3.735	11.2	21.7

297492 2000 VR_{13} 5 24.5 153.°94 0.°9/25.0 18

4 21	16 30.91	−23 48.5	3.132	3.967	9.1	21.7
5 1	16 24.81	−24 2.3	3.056	3.976	6.8	21.5
5 11	16 17.36	−24 12.0	3.005	3.984	4.1	21.4
5 21	16 9.08	−24 17.3	2.983	3.992	1.5	21.2
5 31	16 0.57	−24 18.6	2.992	3.999	1.9	21.2
6 10	15 52.51	−24 16.9	3.030	4.006	4.6	21.4
6 20	15 45.44	−24 14.0	3.097	4.012	7.2	21.6
6 30	15 39.82	−24 11.5	3.188	4.018	9.4	21.8

175872 1999 VN_{132} 5 24.5 160.°15 1.°1/24.0 17

4 21	16 33.91	−19 16.2	1.973	2.828	12.8	21.6
5 1	16 27.56	−18 51.4	1.903	2.835	9.4	21.4
5 11	16 19.20	−18 22.4	1.856	2.841	5.6	21.2
5 21	16 9.58	−17 51.0	1.837	2.846	1.7	20.9
5 31	15 59.69	−17 19.7	1.845	2.851	3.2	21.0
6 10	15 50.57	−16 51.7	1.882	2.855	7.1	21.3
6 20	15 43.03	−16 29.9	1.944	2.859	10.8	21.5
6 30	15 37.67	−16 16.4	2.028	2.862	13.9	21.7

99200 2001 HF_{15} 5 24.5 29.°54 0.°7/24.9 17

4 21	16 30.05	−24 15.1	1.682	2.546	14.2	19.5
5 1	16 25.10	−23 58.0	1.615	2.551	10.6	19.2
5 11	16 17.88	−23 32.2	1.571	2.556	6.4	19.0
5 21	16 9.25	−22 58.9	1.552	2.562	1.9	18.7
5 31	16 0.31	−22 20.6	1.559	2.568	2.9	18.8
6 10	15 52.24	−21 41.4	1.592	2.574	7.3	19.1
6 20	15 45.93	−21 5.7	1.650	2.581	11.3	19.3
6 30	15 42.04	−20 37.1	1.728	2.588	14.8	19.6

338764 2003 UW_{233} 5 24.5 259.°37 1.°1/25.1 18

4 21	16 31.73	−24 53.3	2.146	2.994	12.2	21.7
5 1	16 26.16	−24 49.3	2.050	2.977	9.2	21.4
5 11	16 18.52	−24 37.9	1.978	2.959	5.7	21.2
5 21	16 9.45	−24 19.0	1.932	2.941	2.0	20.9
5 31	15 59.87	−23 53.8	1.914	2.922	2.7	20.9
6 10	15 50.79	−23 24.9	1.924	2.903	6.5	21.1
6 20	15 43.12	−22 55.7	1.960	2.884	10.2	21.3
6 30	15 37.53	−22 30.0	2.019	2.864	13.5	21.5

2349 Kurchenko 5 24.5 260°.66 8°.8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.56	+ 3 5.7	2.060	2.894	13.2	16.0
5 1	16 24.34	+ 4 0.3	1.988	2.883	11.1	15.9
5 11	16 17.32	+ 4 42.4	1.938	2.871	9.4	15.8
5 21	16 9.12	+ 5 6.9	1.914	2.860	8.8	15.7
5 31	16 0.56	+ 5 10.2	1.914	2.848	9.7	15.7
6 10	15 52.55	+ 4 50.9	1.938	2.836	11.6	15.8
6 20	15 45.83	+ 4 10.2	1.985	2.824	13.9	15.9
6 30	15 40.99	+ 3 10.8	2.051	2.812	16.1	16.1

523157 2016 TJ_{57} 5 24.5 225°.09 0°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.59	−24 7.2	2.634	3.479	10.3	21.4
5 1	16 23.38	−23 41.8	2.546	3.473	7.6	21.2
5 11	16 16.63	−23 9.9	2.484	3.466	4.6	21.0
5 21	16 8.92	−22 32.4	2.449	3.459	1.4	20.7
5 31	16 0.95	−21 51.2	2.444	3.452	2.1	20.8
6 10	15 53.47	−21 9.1	2.467	3.444	5.4	21.0
6 20	15 47.13	−20 29.2	2.517	3.437	8.4	21.2
6 30	15 42.41	−19 54.3	2.591	3.429	11.1	21.3

384956 2012 TY_{136} 5 24.5 315°.31 3°.0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.67	−29 14.3	1.694	2.548	14.7	20.9
5 1	16 25.86	−29 15.5	1.611	2.537	11.3	20.7
5 11	16 18.53	−29 4.3	1.549	2.526	7.4	20.4
5 21	16 9.48	−28 39.7	1.512	2.516	3.8	20.2
5 31	15 59.89	−28 2.7	1.501	2.506	3.9	20.1
6 10	15 51.05	−27 17.4	1.515	2.497	7.7	20.3
6 20	15 44.04	−26 29.0	1.553	2.487	11.7	20.5
6 30	15 39.64	−25 43.4	1.613	2.478	15.3	20.8

350748 2001 YN_{134} 5 24.5 59°.69 2°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.73	−29 33.3	2.062	2.904	12.9	20.0
5 1	16 25.14	−29 12.5	2.005	2.925	9.7	19.9
5 11	16 17.69	−28 40.3	1.971	2.946	6.2	19.7
5 21	16 9.17	−27 57.5	1.963	2.967	3.0	19.5
5 31	16 0.57	−27 6.4	1.983	2.989	3.0	19.6
6 10	15 52.84	−26 11.3	2.030	3.010	6.2	19.8
6 20	15 46.71	−25 16.7	2.103	3.031	9.4	20.0
6 30	15 42.67	−24 26.8	2.200	3.053	12.3	20.3

203516 2002 AM_{165} 5 24.5 76°.23 2°.5/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.14	−16 41.6	1.373	2.249	16.1	20.0
5 1	16 27.66	−16 13.7	1.314	2.256	11.9	19.8
5 11	16 19.53	−15 43.7	1.275	2.263	7.2	19.5
5 21	16 9.72	−15 14.5	1.261	2.270	2.9	19.3
5 31	15 59.56	−14 49.7	1.272	2.277	4.7	19.4
6 10	15 50.44	−14 33.0	1.308	2.284	9.3	19.7
6 20	15 43.42	−14 27.1	1.366	2.291	13.7	20.0
6 30	15 39.21	−14 33.2	1.444	2.298	17.5	20.2

15922 Masajisaito 5 24.5 254°.04 2°.0/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.73	−17 52.1	1.633	2.498	14.5	19.5
5 1	16 28.09	−17 22.1	1.544	2.482	10.8	19.2
5 11	16 19.88	−16 47.7	1.478	2.465	6.6	18.9
5 21	16 9.86	−16 11.1	1.438	2.447	2.4	18.6
5 31	15 59.18	−15 35.8	1.424	2.428	4.2	18.7
6 10	15 49.16	−15 5.8	1.436	2.410	8.8	18.9
6 20	15 40.89	−14 44.8	1.472	2.390	13.3	19.1
6 30	15 35.22	−14 35.7	1.528	2.371	17.2	19.3

438997 2010 TC_{154} 5 24.5 316°.48 1°.4/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.37	−19 20.2	2.263	3.124	11.2	21.1
5 1	16 22.62	−18 34.8	2.185	3.120	8.2	20.9
5 11	16 16.23	−17 44.6	2.131	3.117	4.9	20.7
5 21	16 8.82	−16 52.3	2.104	3.113	1.7	20.5
5 31	16 1.16	−16 0.9	2.105	3.110	3.1	20.6
6 10	15 54.07	−15 14.0	2.135	3.107	6.5	20.8
6 20	15 48.23	−14 34.7	2.190	3.104	9.8	21.0
6 30	15 44.15	−14 5.2	2.267	3.101	12.6	21.2

98817 2000 YQ_{124} 5 24.5 290°.50 0°.3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.25	−23 39.2	1.730	2.594	14.0	19.1
5 1	16 25.38	−22 49.6	1.641	2.577	10.4	18.8
5 11	16 18.17	−21 48.8	1.574	2.560	6.2	18.5
5 21	16 9.39	−20 38.9	1.533	2.543	1.6	18.2
5 31	16 0.11	−19 24.2	1.519	2.527	3.2	18.2
6 10	15 51.52	−18 10.6	1.531	2.510	7.9	18.5
6 20	15 44.62	−17 4.1	1.568	2.493	12.2	18.7
6 30	15 40.13	−16 9.6	1.626	2.477	15.9	18.9

477930 2011 QZ_{57} 5 24.5 213°.49 3°.4/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.58	−32 44.7	2.471	3.293	11.6	22.1
5 1	16 25.81	−32 45.8	2.384	3.289	9.1	21.9
5 11	16 18.18	−32 35.5	2.320	3.284	6.3	21.7
5 21	16 9.35	−32 12.8	2.283	3.278	3.9	21.5
5 31	16 0.20	−31 38.4	2.274	3.273	3.7	21.5
6 10	15 51.64	−30 55.0	2.293	3.267	6.1	21.6
6 20	15 44.46	−30 6.7	2.339	3.260	8.9	21.8
6 30	15 39.23	−29 17.9	2.409	3.254	11.6	22.0

15444 1998 WT_{23} 5 24.5 141°.17 0°.1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.21	−20 39.9	2.327	3.176	11.4	17.5
5 1	16 26.16	−20 52.7	2.254	3.183	8.4	17.4
5 11	16 18.33	−21 2.5	2.206	3.189	5.0	17.2
5 21	16 9.39	−21 9.2	2.185	3.196	1.3	16.9
5 31	16 0.15	−21 13.4	2.194	3.202	2.4	17.0
6 10	15 51.50	−21 16.4	2.231	3.207	5.9	17.2
6 20	15 44.18	−21 20.1	2.294	3.213	9.2	17.5
6 30	15 38.73	−21 26.2	2.381	3.218	12.0	17.6

388847 2008 EY_{118} 5 24.5 25°.16 3°.9/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.42	−11 45.0	1.926	2.794	12.5	20.2
5 1	16 22.80	−11 4.5	1.863	2.799	9.4	20.0
5 11	16 16.38	−10 26.0	1.824	2.804	6.1	19.8
5 21	16 8.87	− 9 53.0	1.810	2.810	4.0	19.7
5 31	16 1.12	− 9 28.6	1.823	2.816	5.2	19.8
6 10	15 54.05	− 9 15.2	1.862	2.823	8.2	20.0
6 20	15 48.37	− 9 14.2	1.925	2.829	11.4	20.2
6 30	15 44.63	− 9 25.4	2.010	2.837	14.2	20.4

264992 2003 DJ_{9} 5 24.5 18°.69 2°.6/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.65	−24 0.1	1.109	1.995	18.3	19.3
5 1	16 26.50	−24 46.4	1.059	2.004	13.7	19.0
5 11	16 19.13	−25 25.3	1.028	2.015	8.6	18.8
5 21	16 9.66	−25 54.1	1.019	2.027	3.5	18.5
5 31	15 59.71	−26 12.0	1.033	2.041	4.3	18.6
6 10	15 51.00	−26 21.2	1.070	2.056	9.3	18.9
6 20	15 44.84	−26 25.7	1.127	2.073	14.0	19.2
6 30	15 42.02	−26 30.1	1.204	2.090	18.0	19.5

466341 2013 RG_{33} 5 24.5 277°.51 1°.0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.59	−19 13.7	1.667	2.533	14.3	21.3
5 1	16 27.30	−19 1.1	1.574	2.512	10.7	21.1
5 11	16 19.46	−18 44.3	1.504	2.491	6.4	20.8
5 21	16 9.78	−18 24.5	1.459	2.469	1.9	20.4
5 31	15 59.37	−18 3.7	1.440	2.447	3.6	20.5
6 10	15 49.52	−17 45.3	1.447	2.425	8.4	20.7
6 20	15 41.36	−17 32.5	1.478	2.402	12.9	20.9
6 30	15 35.76	−17 28.4	1.530	2.380	16.8	21.1

75423 1999 XO_{119} 5 24.6 230°.52 2°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.66	−27 11.3	1.750	2.598	14.5	19.2
5 1	16 29.52	−27 34.9	1.667	2.591	11.1	19.0
5 11	16 20.73	−27 49.6	1.606	2.583	7.2	18.7
5 21	16 10.10	−27 53.5	1.570	2.575	3.4	18.5
5 31	15 58.83	−27 46.3	1.561	2.566	3.8	18.5
6 10	15 48.28	−27 30.2	1.578	2.557	7.7	18.7
6 20	15 39.58	−27 9.4	1.621	2.548	11.8	18.9
6 30	15 33.58	−26 48.9	1.685	2.538	15.4	19.1

374372 2005 UV_{343} 5 24.6 131°.81 2°.2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.80	−27 27.3	1.877	2.723	13.8	21.4
5 1	16 27.74	−27 29.4	1.807	2.731	10.4	21.2
5 11	16 19.43	−27 21.5	1.760	2.737	6.6	21.0
5 21	16 9.70	−27 3.2	1.738	2.744	2.9	20.8
5 31	15 59.65	−26 35.6	1.744	2.750	3.2	20.8
6 10	15 50.43	−26 2.2	1.777	2.756	6.9	21.1
6 20	15 42.98	−25 27.4	1.835	2.762	10.6	21.3
6 30	15 37.92	−24 55.4	1.916	2.768	13.8	21.5

504880 2010 VW_{119} 5 24.6 297°.32 0°.9/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.62	−19 8.1	1.413	2.287	15.8	21.5
5 1	16 27.84	−19 8.0	1.319	2.260	11.9	21.2
5 11	16 20.06	−19 4.7	1.245	2.233	7.2	20.8
5 21	16 10.00	−18 58.7	1.196	2.206	2.0	20.4
5 31	15 58.91	−18 51.7	1.171	2.179	3.9	20.5
6 10	15 48.33	−18 46.5	1.171	2.152	9.4	20.7
6 20	15 39.68	−18 46.4	1.193	2.126	14.6	20.9
6 30	15 34.02	−18 54.7	1.235	2.099	19.2	21.1

511794 2015 FQ_{13} 5 24.6 344°.25 2°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.12	−22 44.1	1.490	2.358	15.5	20.5
5 1	16 28.01	−23 45.5	1.413	2.349	11.7	20.2
5 11	16 20.02	−24 44.9	1.358	2.342	7.3	19.9
5 21	16 9.95	−25 38.9	1.327	2.335	3.0	19.7
5 31	15 59.08	−26 25.1	1.322	2.329	3.8	19.7
6 10	15 48.89	−27 2.9	1.342	2.323	8.4	20.0
6 20	15 40.69	−27 34.0	1.385	2.319	12.8	20.2
6 30	15 35.41	−28 1.4	1.449	2.316	16.7	20.4

380162 2000 PB_{9} 5 24.6 302°.58 5°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 36.28	−30 13.8	1.588	2.435	15.8	19.7
5 1	16 30.88	−31 22.0	1.482	2.400	12.6	19.4
5 11	16 22.12	−32 23.7	1.397	2.366	9.0	19.1
5 21	16 10.63	−33 13.4	1.335	2.331	5.9	18.8
5 31	15 57.65	−33 46.3	1.300	2.297	6.2	18.8
6 10	15 44.89	−34 1.4	1.289	2.262	9.8	18.9
6 20	15 34.01	−34 1.6	1.302	2.227	14.2	19.0
6 30	15 26.36	−33 53.2	1.335	2.193	18.3	19.2

54897 2001 OY_{71} 5 24.6 313°.88 0°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.71	−23 35.3	1.949	2.807	12.8	18.6
5 1	16 24.74	−23 30.9	1.867	2.800	9.6	18.4
5 11	16 17.69	−23 19.8	1.810	2.794	5.8	18.2
5 21	16 9.27	−23 2.4	1.777	2.787	1.8	17.9
5 31	16 0.43	−22 40.3	1.772	2.781	2.7	17.9
6 10	15 52.22	−22 16.2	1.794	2.775	6.8	18.2
6 20	15 45.51	−21 53.5	1.841	2.769	10.5	18.4
6 30	15 40.97	−21 35.3	1.910	2.763	13.8	18.6

113553 2002 TN_{29} 5 24.6 293°.78 1°.3/24.0 18

4 21	16 31.15	−19 35.4	1.495	2.368	15.2	20.1
5 1	16 26.45	−19 9.1	1.406	2.347	11.3	19.8
5 11	16 19.05	−18 36.7	1.338	2.326	6.8	19.5
5 21	16 9.70	−18 0.0	1.295	2.305	2.1	19.1
5 31	15 59.60	−17 22.4	1.277	2.284	4.0	19.2
6 10	15 50.14	−16 48.5	1.284	2.263	9.0	19.4
6 20	15 42.53	−16 22.7	1.314	2.242	13.8	19.6
6 30	15 37.67	−16 8.6	1.364	2.222	18.0	19.8

366805 2005 AN_{82} 5 24.6 144°.64 1°.6/23.9 17

4 21	16 34.06	−18 45.8	1.666	2.529	14.4	21.8
5 1	16 27.98	−18 14.1	1.600	2.537	10.6	21.6
5 11	16 19.59	−17 38.2	1.557	2.543	6.3	21.4
5 21	16 9.76	−17 0.2	1.540	2.550	2.1	21.1
5 31	15 59.63	−16 23.5	1.550	2.555	3.7	21.2
6 10	15 50.41	−15 52.1	1.586	2.561	8.1	21.5
6 20	15 43.02	−15 29.3	1.647	2.566	12.1	21.8
6 30	15 38.10	−15 17.1	1.729	2.570	15.6	22.0

466066 2011 UB_{296} 5 24.6 126°.35 0°.3/24.4 16

4 21	16 35.97	−21 26.3	1.647	2.506	14.8	22.7
5 1	16 29.38	−21 7.5	1.586	2.520	10.9	22.5
5 11	16 20.40	−20 42.3	1.548	2.533	6.4	22.3
5 21	16 9.97	−20 12.2	1.536	2.546	1.7	22.0
5 31	15 59.30	−19 39.6	1.550	2.558	3.2	22.1
6 10	15 49.64	−19 8.7	1.592	2.570	7.7	22.4
6 20	15 41.93	−18 43.1	1.658	2.581	11.8	22.7
6 30	15 36.81	−18 25.9	1.746	2.591	15.3	22.9

180786 2004 RO_{182} 5 24.6 326°.55 1°.6/25.4 18

4 21	16 28.39	−26 28.5	2.050	2.903	12.5	19.9
5 1	16 23.73	−26 21.5	1.966	2.894	9.4	19.7
5 11	16 17.08	−26 5.8	1.905	2.885	5.9	19.5
5 21	16 9.11	−25 41.4	1.869	2.877	2.4	19.2
5 31	16 0.75	−25 9.9	1.861	2.869	2.8	19.2
6 10	15 52.99	−24 34.2	1.880	2.861	6.5	19.4
6 20	15 46.68	−23 58.3	1.924	2.853	10.0	19.6
6 30	15 42.44	−23 25.9	1.990	2.846	13.2	19.8

352454 2008 AO_{73} 5 24.6 298°.55 3°.6/26.5 16

4 21	16 30.86	−32 20.3	2.187	3.019	12.6	20.7
5 1	16 25.49	−32 24.6	2.107	3.017	9.8	20.6
5 11	16 18.08	−32 16.9	2.049	3.015	6.8	20.4
5 21	16 9.37	−31 56.0	2.016	3.013	4.1	20.2
5 31	16 0.32	−31 22.8	2.012	3.011	4.0	20.2
6 10	15 51.94	−30 40.2	2.034	3.009	6.5	20.3
6 20	15 45.08	−29 52.6	2.082	3.007	9.6	20.5
6 30	15 40.36	−29 5.0	2.153	3.006	12.5	20.7

499360 2009 YH_{4} 5 24.6 136°.70 4°.6/27.4 17

4 21	16 35.60	−36 44.7	2.326	3.131	12.8	22.0
5 1	16 28.77	−36 46.6	2.254	3.144	10.2	21.8
5 11	16 19.91	−36 33.5	2.206	3.156	7.5	21.7
5 21	16 9.83	−36 4.2	2.184	3.168	5.2	21.5
5 31	15 59.56	−35 19.4	2.189	3.179	4.8	21.5
6 10	15 50.15	−34 22.7	2.223	3.189	6.7	21.7
6 20	15 42.42	−33 19.3	2.283	3.199	9.3	21.8
6 30	15 36.92	−32 14.9	2.367	3.208	11.9	22.0

177123 2003 HS_{5} 5 24.6 129°.21 2°.1/25.5 18

4 21	16 32.21	−27 7.6	2.497	3.333	11.1	20.7
5 1	16 26.16	−27 31.5	2.423	3.341	8.4	20.5
5 11	16 18.35	−27 48.6	2.374	3.349	5.4	20.3
5 21	16 9.44	−27 57.9	2.353	3.357	2.6	20.2
5 31	16 0.22	−27 59.6	2.360	3.364	2.8	20.2
6 10	15 51.58	−27 55.0	2.396	3.372	5.7	20.4
6 20	15 44.24	−27 46.6	2.459	3.379	8.6	20.6
6 30	15 38.75	−27 37.4	2.545	3.386	11.2	20.8

215241 2001 DW_{64} 5 24.6 21°.34 4°.3/22.9 17

4 21	16 30.87	−13 27.0	1.385	2.265	15.8	20.1
5 1	16 25.99	−12 38.9	1.324	2.266	11.8	19.9
5 11	16 18.58	−11 51.2	1.283	2.268	7.5	19.7
5 21	16 9.54	−11 8.5	1.267	2.270	4.4	19.5
5 31	16 0.12	−10 35.6	1.275	2.273	6.1	19.6
6 10	15 51.64	−10 16.4	1.307	2.276	10.2	19.8
6 20	15 45.14	−10 13.0	1.362	2.279	14.3	20.1
6 30	15 41.30	−10 25.5	1.435	2.282	17.9	20.3

189334 2007 GM_{56} 5 24.6 196°.07 2°.7/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.31	−14 36.9	1.948	2.809	12.7	20.8
5 1	16 25.75	−14 9.4	1.873	2.808	9.4	20.6
5 11	16 18.22	−13 41.8	1.823	2.806	5.8	20.4
5 21	16 9.43	−13 16.2	1.799	2.805	2.9	20.2
5 31	16 0.29	−12 55.5	1.802	2.803	4.2	20.3
6 10	15 51.82	−12 42.2	1.833	2.800	7.8	20.5
6 20	15 44.81	−12 38.2	1.888	2.798	11.3	20.7
6 30	15 39.89	−12 44.4	1.965	2.795	14.4	20.9

89558 2001 XR_{99} 5 24.6 238°.13 0°.7/24.3 17

4 21	16 32.34	−19 26.2	1.867	2.727	13.2	19.8
5 1	16 26.73	−19 20.4	1.786	2.720	9.8	19.6
5 11	16 18.92	−19 11.2	1.728	2.714	5.8	19.3
5 21	16 9.64	−18 59.5	1.696	2.707	1.6	19.0
5 31	15 59.89	−18 46.8	1.692	2.700	3.1	19.1
6 10	15 50.78	−18 35.7	1.715	2.692	7.3	19.4
6 20	15 43.25	−18 28.7	1.763	2.685	11.3	19.6
6 30	15 37.99	−18 28.1	1.832	2.677	14.7	19.8

300045 2006 UQ_{139} 5 24.6 236°.82 0°.7/24.2 16

4 21	16 29.40	−19 20.0	2.374	3.228	11.0	22.1
5 1	16 24.14	−19 9.1	2.290	3.222	8.1	21.9
5 11	16 17.20	−18 55.3	2.230	3.215	4.8	21.7
5 21	16 9.15	−18 39.4	2.198	3.208	1.4	21.4
5 31	16 0.78	−18 23.1	2.195	3.201	2.6	21.5
6 10	15 52.91	−18 8.5	2.219	3.194	6.1	21.7
6 20	15 46.24	−17 57.6	2.269	3.187	9.3	21.9
6 30	15 41.33	−17 52.3	2.343	3.179	12.2	22.1

31658 1999 HU_{8} 5 24.6 270°.97 2°.6/22.9 18

4 21	16 28.24	−15 38.5	2.155	3.018	11.6	18.6
5 1	16 23.38	−14 49.8	2.073	3.009	8.6	18.4
5 11	16 16.77	−13 58.8	2.016	2.999	5.3	18.1
5 21	16 9.04	−13 8.4	1.985	2.990	2.8	18.0
5 31	16 1.00	−12 22.2	1.982	2.981	4.1	18.0
6 10	15 53.50	−11 43.5	2.006	2.971	7.4	18.2
6 20	15 47.27	−11 15.1	2.055	2.962	10.7	18.4
6 30	15 42.88	−10 58.6	2.127	2.952	13.6	18.6

497699 2006 SZ_{75} 5 24.6 222°.42 0°.9/24.9 17

4 21	16 34.72	−23 35.8	1.939	2.789	13.2	22.7
5 1	16 28.52	−23 37.6	1.852	2.781	9.9	22.5
5 11	16 20.02	−23 32.9	1.789	2.771	6.1	22.2
5 21	16 9.95	−23 21.2	1.752	2.761	1.9	22.0
5 31	15 59.35	−23 3.8	1.742	2.750	2.8	22.0
6 10	15 49.38	−22 43.1	1.760	2.739	7.1	22.2
6 20	15 41.02	−22 22.6	1.804	2.727	11.0	22.4
6 30	15 35.01	−22 5.9	1.870	2.715	14.4	22.6

480751 2016 NV_{37} 5 24.6 359°.39 6°.8/22.3 17

4 21	16 24.40	− 9 13.6	1.102	2.001	17.4	20.0
5 1	16 21.70	− 8 24.4	1.046	1.996	13.4	19.8
5 11	16 16.24	− 7 41.9	1.009	1.993	9.3	19.5
5 21	16 8.96	− 7 12.6	0.993	1.991	6.9	19.4
5 31	16 1.20	− 7 1.8	0.999	1.992	8.4	19.5
6 10	15 54.42	− 7 12.6	1.026	1.994	12.3	19.7
6 20	15 49.73	− 7 44.5	1.072	1.998	16.5	19.9
6 30	15 47.91	− 8 35.0	1.136	2.004	20.2	20.2

66928 1999 VQ_{199} 5 24.6 178°.79 8°.8/17.1 18

4 21	16 30.06	+ 2 12.3	2.281	3.111	12.2	19.6
5 1	16 24.47	+ 4 19.1	2.223	3.113	10.3	19.5
5 11	16 17.31	+ 6 16.5	2.191	3.113	9.0	19.4
5 21	16 9.18	+ 7 57.8	2.186	3.114	8.9	19.4
5 31	16 0.84	+ 9 17.2	2.208	3.114	10.0	19.4
6 10	15 53.07	+10 11.7	2.255	3.114	11.7	19.5
6 20	15 46.53	+10 41.0	2.323	3.113	13.7	19.7
6 30	15 41.71	+10 46.9	2.410	3.112	15.4	19.8

117347 2004 XF_{48} 5 24.6 179°.79 3°.0/26.4 18

4 21	16 33.13	−32 4.4	2.295	3.120	12.3	20.2
5 1	16 26.98	−31 46.8	2.213	3.122	9.5	20.0
5 11	16 18.90	−31 16.4	2.155	3.122	6.4	19.8
5 21	16 9.62	−30 32.9	2.123	3.123	3.6	19.6
5 31	16 0.08	−29 38.1	2.120	3.122	3.4	19.6
6 10	15 51.28	−28 35.7	2.145	3.122	6.2	19.8
6 20	15 44.00	−27 30.8	2.198	3.121	9.3	20.0
6 30	15 38.81	−26 28.3	2.274	3.119	12.2	20.2

213795 2003 FA_{58} 5 24.6 312°.53 2°.0/23.6 16

4 21	16 28.30	−16 6.6	2.081	2.945	11.9	20.1
5 1	16 23.51	−15 45.6	2.001	2.938	8.8	19.8
5 11	16 16.90	−15 23.5	1.946	2.931	5.3	19.6
5 21	16 9.10	−15 2.1	1.916	2.924	2.3	19.4
5 31	16 0.96	−14 43.8	1.914	2.917	3.6	19.5
6 10	15 53.36	−14 30.9	1.939	2.911	7.1	19.7
6 20	15 47.08	−14 25.4	1.989	2.904	10.5	19.9
6 30	15 42.70	−14 28.5	2.061	2.898	13.5	20.1

381434 2008 PM_{19} 5 24.6 216°.74 1°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.39	−19 8.9	1.943	2.803	12.8	21.8
5 1	16 25.90	−18 49.9	1.865	2.800	9.4	21.6
5 11	16 18.37	−18 27.2	1.811	2.796	5.6	21.4
5 21	16 9.50	−18 2.2	1.783	2.793	1.7	21.1
5 31	16 0.26	−17 37.2	1.782	2.789	3.1	21.2
6 10	15 51.68	−17 15.1	1.809	2.784	7.2	21.4
6 20	15 44.61	−16 58.7	1.861	2.780	10.9	21.7
6 30	15 39.67	−16 50.2	1.934	2.776	14.2	21.9

74140 1998 QD_{77} 5 24.6 284°.11 1°.4/25.3 18

4 21	16 30.74	−26 36.1	1.909	2.761	13.3	18.9
5 1	16 25.67	−26 15.0	1.816	2.745	10.1	18.6
5 11	16 18.36	−25 43.0	1.747	2.728	6.3	18.4
5 21	16 9.53	−25 0.5	1.703	2.711	2.4	18.1
5 31	16 0.20	−24 9.8	1.686	2.694	2.9	18.1
6 10	15 51.49	−23 14.9	1.696	2.677	7.0	18.3
6 20	15 44.36	−22 20.9	1.731	2.660	11.0	18.5
6 30	15 39.53	−21 32.8	1.789	2.643	14.6	18.7

350811 2002 CV_{265} 5 24.6 157°.07 1°.4/23.7 17

4 21	16 28.81	−16 25.3	2.972	3.820	9.2	22.9
5 1	16 23.31	−16 7.4	2.899	3.827	6.7	22.7
5 11	16 16.53	−15 48.6	2.851	3.834	4.0	22.6
5 21	16 8.98	−15 30.0	2.833	3.841	1.6	22.4
5 31	16 1.27	−15 13.2	2.844	3.847	2.6	22.5
6 10	15 54.01	−14 59.8	2.884	3.852	5.3	22.7
6 20	15 47.72	−14 51.1	2.952	3.857	7.8	22.8
6 30	15 42.83	−14 48.2	3.043	3.862	10.1	23.0

257925 2000 WK_{68} 5 24.6 184°.87 5°.3/21.3 18

4 21	16 28.18	− 1 23.5	2.959	3.792	9.6	21.1
5 1	16 22.83	− 0 51.7	2.889	3.791	7.7	20.9
5 11	16 16.25	− 0 27.0	2.843	3.791	6.1	20.8
5 21	16 8.92	− 0 12.1	2.825	3.790	5.3	20.8
5 31	16 1.40	− 0 8.9	2.835	3.789	6.0	20.8
6 10	15 54.29	− 0 18.2	2.872	3.787	7.6	20.9
6 20	15 48.09	− 0 39.9	2.934	3.784	9.6	21.1
6 30	15 43.23	− 1 12.9	3.019	3.782	11.4	21.2

475635 2006 UD_{241} 5 24.6 163°.47 1°.9/23.2 17

4 21	16 28.27	−16 38.7	2.635	3.488	10.0	22.0
5 1	16 23.04	−15 53.0	2.561	3.492	7.4	21.8
5 11	16 16.42	−15 5.0	2.512	3.496	4.5	21.6
5 21	16 8.96	−14 17.0	2.492	3.499	2.1	21.4
5 31	16 1.33	−13 32.0	2.501	3.501	3.2	21.5
6 10	15 54.22	−12 52.6	2.539	3.504	6.1	21.7
6 20	15 48.19	−12 21.1	2.603	3.506	8.8	21.9
6 30	15 43.70	−11 58.9	2.690	3.508	11.3	22.1

482088 2010 HW_{22} 5 24.6 315°.30 6°.3/17.5 18

4 21	16 21.27	+11 46.4	4.301	5.081	7.8	20.4
5 1	16 17.54	+12 30.0	4.245	5.079	7.0	20.3
5 11	16 13.02	+13 3.9	4.212	5.078	6.4	20.2
5 21	16 8.05	+13 25.9	4.204	5.076	6.4	20.2
5 31	16 2.96	+13 34.6	4.221	5.075	6.8	20.3
6 10	15 58.14	+13 29.5	4.262	5.074	7.5	20.3
6 20	15 53.89	+13 11.1	4.326	5.072	8.4	20.4
6 30	15 50.50	+12 40.5	4.408	5.071	9.4	20.5

310380 1994 RS_{8} 5 24.6 248°.80 0°.5/24.8 17

4 21	16 34.77	−23 8.0	1.558	2.420	15.3	21.7
5 1	16 29.07	−22 57.0	1.473	2.407	11.5	21.5
5 11	16 20.60	−22 37.7	1.410	2.395	7.0	21.2
5 21	16 10.18	−22 10.3	1.371	2.381	2.0	20.8
5 31	15 59.09	−21 36.8	1.359	2.367	3.3	20.9
6 10	15 48.74	−21 1.5	1.372	2.353	8.4	21.1
6 20	15 40.35	−20 29.1	1.410	2.339	13.0	21.4
6 30	15 34.78	−20 4.3	1.468	2.324	17.1	21.6

106813 2000 XW_{41} 5 24.6 243°.48 6°.6/27.6 18

4 21	16 36.53	−43 0.6	2.864	3.629	11.6	19.9
5 1	16 29.77	−43 52.6	2.765	3.613	9.9	19.7
5 11	16 20.78	−44 31.4	2.689	3.597	8.1	19.6
5 21	16 10.22	−44 53.5	2.637	3.580	6.9	19.5
5 31	15 59.01	−44 56.8	2.613	3.563	6.7	19.4
6 10	15 48.22	−44 42.0	2.616	3.546	7.7	19.5
6 20	15 38.81	−44 12.2	2.645	3.528	9.4	19.6
6 30	15 31.55	−43 32.3	2.697	3.510	11.4	19.7

383302 2006 GA_{8} 5 24.6 61°.98 0°.7/24.8 17

4 21	16 32.41	−22 29.6	1.795	2.654	13.7	20.9
5 1	16 26.82	−22 40.6	1.726	2.659	10.2	20.7
5 11	16 18.99	−22 46.3	1.680	2.664	6.1	20.4
5 21	16 9.71	−22 46.4	1.660	2.670	1.9	20.2
5 31	16 0.06	−22 42.0	1.667	2.675	2.8	20.2
6 10	15 51.18	−22 35.2	1.700	2.681	7.1	20.5
6 20	15 43.99	−22 28.8	1.758	2.686	10.9	20.8
6 30	15 39.18	−22 25.7	1.838	2.692	14.3	21.0

435260 2007 TX_{164} 5 24.6 250°.47 3°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.05	−12 38.8	2.160	3.021	11.7	21.4
5 1	16 23.98	−11 32.7	2.077	3.009	8.8	21.2
5 11	16 17.16	−10 25.4	2.019	2.998	5.8	21.0
5 21	16 9.21	− 9 20.9	1.987	2.985	3.9	20.8
5 31	16 0.93	− 8 23.7	1.984	2.973	5.2	20.9
6 10	15 53.19	− 7 37.6	2.008	2.961	8.2	21.0
6 20	15 46.71	− 7 5.1	2.056	2.948	11.4	21.2
6 30	15 42.05	− 6 47.5	2.126	2.935	14.2	21.4

202973 1999 TW_{101} 5 24.6 223°.89 2°.0/23.7 18

4 21	16 32.10	−15 3.9	2.329	3.181	11.2	20.7
5 1	16 26.18	−14 56.3	2.241	3.171	8.3	20.5
5 11	16 18.47	−14 48.9	2.178	3.161	5.1	20.3
5 21	16 9.57	−14 42.7	2.143	3.150	2.2	20.1
5 31	16 0.28	−14 39.4	2.136	3.139	3.4	20.2
6 10	15 51.45	−14 40.5	2.158	3.127	6.7	20.4
6 20	15 43.85	−14 47.4	2.206	3.114	10.0	20.5
6 30	15 38.07	−15 1.0	2.277	3.101	12.9	20.7

427751 2004 SD_{12} 5 24.6 284°.57 5°.8/22.7 18

4 21	16 32.18	− 6 25.8	1.760	2.619	14.0	20.8
5 1	16 26.77	− 6 6.5	1.673	2.600	10.9	20.6
5 11	16 19.08	− 5 55.0	1.609	2.581	7.8	20.3
5 21	16 9.78	− 5 54.8	1.570	2.562	5.8	20.2
5 31	15 59.87	− 6 8.6	1.558	2.543	6.9	20.2
6 10	15 50.48	− 6 37.9	1.570	2.523	10.1	20.3
6 20	15 42.60	− 7 22.3	1.607	2.504	13.7	20.5
6 30	15 37.00	− 8 20.1	1.664	2.485	17.0	20.7

308449 2005 SK_{229} 5 24.6 219°.15 1°.8/25.6 18

4 21	16 30.30	−27 30.8	2.644	3.480	10.6	21.9
5 1	16 24.77	−27 34.7	2.556	3.474	8.0	21.7
5 11	16 17.59	−27 31.2	2.493	3.468	5.1	21.5
5 21	16 9.33	−27 20.0	2.456	3.461	2.4	21.3
5 31	16 0.74	−27 1.8	2.449	3.454	2.6	21.3
6 10	15 52.64	−26 38.6	2.470	3.447	5.4	21.5
6 20	15 45.70	−26 13.1	2.518	3.439	8.3	21.7
6 30	15 40.48	−25 48.3	2.590	3.432	11.0	21.8

320376 2007 TV_{452} 5 24.6 303°.78 6°.4/22.1 18

4 21	16 29.95	− 1 38.8	2.195	3.038	12.2	20.3
5 1	16 24.53	− 1 17.9	2.126	3.037	9.7	20.1
5 11	16 17.43	− 1 6.9	2.081	3.035	7.5	19.9
5 21	16 9.28	− 1 9.0	2.061	3.034	6.4	19.9
5 31	16 0.86	− 1 26.0	2.069	3.033	7.1	19.9
6 10	15 52.99	− 1 58.4	2.102	3.032	9.3	20.0
6 20	15 46.36	− 2 45.1	2.160	3.031	11.7	20.2
6 30	15 41.51	− 3 44.1	2.239	3.030	14.1	20.4

500026 2011 SS_{21} 5 24.6 338°.27 5°.4/25.4 17

4 21	16 17.18	−26 19.2	0.716	1.638	21.3	20.4
5 1	16 18.13	−27 21.8	0.642	1.606	16.7	20.0
5 11	16 15.21	−28 17.1	0.583	1.575	11.3	19.5
5 21	16 8.99	−29 0.0	0.540	1.547	6.3	19.1
5 31	16 1.08	−29 25.8	0.514	1.523	6.8	19.0
6 10	15 53.92	−29 34.5	0.504	1.501	12.7	19.1
6 20	15 49.83	−29 30.6	0.508	1.483	19.1	19.4
6 30	15 50.55	−29 21.4	0.525	1.468	24.9	19.6

335612 2006 EN_{74} 5 24.6 141°.93 5°.0/27.1 17

4 21	16 35.51	−35 41.9	2.148	2.962	13.4	21.1
5 1	16 29.01	−36 5.5	2.075	2.970	10.7	20.9
5 11	16 20.25	−36 14.9	2.025	2.977	7.8	20.8
5 21	16 10.05	−36 8.0	2.000	2.984	5.5	20.6
5 31	15 59.50	−35 44.5	2.002	2.991	5.2	20.6
6 10	15 49.76	−35 7.4	2.031	2.997	7.2	20.8
6 20	15 41.76	−34 21.4	2.086	3.003	10.0	20.9
6 30	15 36.16	−33 32.2	2.163	3.008	12.7	21.1

260118 2004 PP_{28} 5 24.6 351°.19 5°.6/27.1 16

4 21	16 29.57	−35 7.5	1.748	2.585	15.0	19.9
5 1	16 25.17	−35 33.7	1.670	2.579	12.0	19.7
5 11	16 18.22	−35 44.5	1.614	2.574	8.9	19.5
5 21	16 9.55	−35 37.2	1.581	2.569	6.2	19.3
5 31	16 0.36	−35 11.4	1.573	2.565	5.9	19.3
6 10	15 51.96	−34 30.3	1.589	2.563	8.2	19.4
6 20	15 45.45	−33 39.6	1.630	2.560	11.5	19.6
6 30	15 41.58	−32 45.7	1.692	2.559	14.6	19.8

513210 2005 UV_{47} 5 24.6 246°.95 2°.2/25.5 18

4 21	16 32.96	−27 6.0	2.704	3.535	10.5	21.9
5 1	16 26.83	−27 38.6	2.606	3.520	8.0	21.7
5 11	16 18.91	−28 5.8	2.533	3.505	5.2	21.5
5 21	16 9.73	−28 26.1	2.487	3.490	2.7	21.3
5 31	16 0.06	−28 38.7	2.471	3.474	2.9	21.3
6 10	15 50.74	−28 44.6	2.484	3.458	5.6	21.4
6 20	15 42.53	−28 45.5	2.525	3.442	8.5	21.6
6 30	15 36.08	−28 44.1	2.589	3.425	11.2	21.7

55968 1998 KV_{54} 5 24.6 25°.32 11°.0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.23	+10 33.2	2.019	2.828	14.3	18.0
5 1	16 24.06	+11 19.9	1.969	2.832	12.7	17.9
5 11	16 17.15	+11 47.1	1.941	2.837	11.4	17.8
5 21	16 9.22	+11 50.3	1.934	2.842	11.0	17.8
5 31	16 1.09	+11 26.9	1.951	2.847	11.6	17.8
6 10	15 53.65	+10 37.5	1.990	2.853	12.9	17.9
6 20	15 47.57	+ 9 25.0	2.051	2.859	14.6	18.1
6 30	15 43.38	+ 7 54.0	2.130	2.865	16.4	18.2

494946 2009 HJ_{25} 5 24.6 26°.14 1°.7/24.9 17

4 21	16 34.36	−22 25.1	1.200	2.078	17.8	20.7
5 1	16 29.20	−23 9.4	1.143	2.085	13.3	20.5
5 11	16 20.82	−23 48.9	1.105	2.092	8.2	20.2
5 21	16 10.29	−24 21.0	1.090	2.100	2.9	19.9
5 31	15 59.17	−24 44.6	1.100	2.108	3.9	20.0
6 10	15 49.19	−25 1.2	1.133	2.117	9.1	20.3
6 20	15 41.70	−25 14.0	1.188	2.127	14.0	20.6
6 30	15 37.54	−25 26.9	1.262	2.138	18.0	20.9

65623 4297 T-$_3$ 5 24.6 134°.56 4°.2/22.9 18

4 21	16 34.38	−12 48.1	1.584	2.451	14.9	18.9
5 1	16 28.25	−11 59.5	1.525	2.461	11.1	18.7
5 11	16 19.81	−11 12.0	1.488	2.470	7.1	18.5
5 21	16 9.95	−10 29.7	1.477	2.479	4.3	18.3
5 31	15 59.84	− 9 56.7	1.492	2.487	5.8	18.4
6 10	15 50.67	− 9 36.5	1.533	2.495	9.5	18.6
6 20	15 43.36	− 9 30.7	1.597	2.503	13.3	18.9
6 30	15 38.55	− 9 39.5	1.682	2.510	16.5	19.1

420289 2011 SK_{262} 5 24.6 258°.61 1°.3/25.8 18

4 21	16 22.83	−28 19.0	4.558	5.386	6.6	21.4
5 1	16 18.74	−28 19.5	4.469	5.381	5.0	21.2
5 11	16 13.80	−28 15.3	4.405	5.377	3.2	21.1
5 21	16 8.31	−28 6.5	4.370	5.372	1.6	21.0
5 31	16 2.67	−27 53.7	4.364	5.368	1.7	21.0
6 10	15 57.29	−27 38.0	4.387	5.363	3.3	21.1
6 20	15 52.52	−27 20.5	4.439	5.358	5.1	21.2
6 30	15 48.67	−27 2.8	4.516	5.354	6.7	21.3

96638 1999 GZ_8 5 24.6 28°.15 4°.3/23.2 18

4 21	16 30.88	−14 3.4	1.158	2.047	17.5	18.8
5 1	16 26.36	−13 22.4	1.105	2.053	13.0	18.5
5 11	16 18.97	−12 42.4	1.072	2.060	8.2	18.3
5 21	16 9.76	−12 7.7	1.061	2.067	4.5	18.1
5 31	16 0.18	−11 43.4	1.074	2.075	6.2	18.2
6 10	15 51.75	−11 33.2	1.110	2.084	10.8	18.5
6 20	15 45.60	−11 38.7	1.166	2.093	15.3	18.8
6 30	15 42.44	−11 59.8	1.240	2.103	19.2	19.1

250776 2005 TZ_{23} 5 24.6 187°.96 4°.4/26.1 17

4 21	16 37.48	−31 55.9	2.071	2.895	13.5	21.5
5 1	16 30.66	−32 41.3	1.990	2.895	10.6	21.3
5 11	16 21.38	−33 16.2	1.932	2.894	7.5	21.1
5 21	16 10.42	−33 37.5	1.900	2.893	4.9	20.9
5 31	15 58.88	−33 43.7	1.897	2.891	4.8	20.9
6 10	15 48.01	−33 36.3	1.920	2.889	7.4	21.1
6 20	15 38.86	−33 19.1	1.969	2.886	10.6	21.2
6 30	15 32.19	−32 57.1	2.041	2.883	13.5	21.4

336357 2008 TE_{180} 5 24.6 227°.93 6°.1/20.9 18

4 21	16 30.30	− 3 8.0	2.435	3.276	11.2	21.6
5 1	16 24.73	− 2 14.3	2.353	3.263	9.0	21.4
5 11	16 17.57	− 1 26.9	2.296	3.250	7.0	21.3
5 21	16 9.37	− 0 49.5	2.265	3.235	6.1	21.2
5 31	16 0.84	− 0 25.6	2.262	3.220	7.0	21.2
6 10	15 52.75	− 0 17.3	2.285	3.205	9.1	21.3
6 20	15 45.76	− 0 24.9	2.333	3.189	11.5	21.5
6 30	15 40.42	− 0 47.7	2.402	3.172	13.8	21.6

302254 2001 XC_{84} 5 24.6 45°.39 2°.2/26.0 18

4 21	16 36.27	−34 18.3	1.108	1.968	20.3	19.1
5 1	16 30.27	−32 15.6	1.057	1.987	15.4	18.9
5 11	16 21.08	−29 41.9	1.027	2.007	9.7	18.6
5 21	16 10.24	−26 43.8	1.019	2.027	3.9	18.3
5 31	15 59.62	−23 35.3	1.039	2.048	3.8	18.4
6 10	15 50.87	−20 33.9	1.084	2.069	9.3	18.8
6 20	15 44.97	−17 54.0	1.153	2.091	14.4	19.1
6 30	15 42.36	−15 44.1	1.242	2.113	18.6	19.5

86088 1999 RR_{88} 5 24.6 164°.60 1°.8/25.7 18 R

4 21	16 29.97	−27 46.5	2.792	3.625	10.1	19.3
5 1	16 24.40	−27 46.4	2.712	3.629	7.7	19.1
5 11	16 17.31	−27 38.9	2.657	3.632	4.9	18.9
5 21	16 9.29	−27 24.1	2.630	3.635	2.3	18.8
5 31	16 1.03	−27 2.7	2.632	3.637	2.4	18.8
6 10	15 53.28	−26 36.8	2.663	3.640	5.1	19.0
6 20	15 46.67	−26 9.1	2.721	3.642	7.8	19.1
6 30	15 41.67	−25 42.4	2.803	3.643	10.3	19.3

141815 2002 NX_{44} 5 24.6 330°.70 6°.4/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.07	−11 41.9	1.125	2.022	17.3	19.0
5 1	16 23.20	−10 34.9	1.052	2.002	13.2	18.7
5 11	16 17.37	− 9 27.7	0.998	1.983	9.0	18.4
5 21	16 9.44	− 8 27.5	0.965	1.965	6.4	18.2
5 31	16 0.73	− 7 42.2	0.954	1.949	8.3	18.2
6 10	15 52.83	− 7 18.0	0.965	1.933	12.8	18.4
6 20	15 47.04	− 7 17.7	0.994	1.919	17.5	18.6
6 30	15 44.30	− 7 41.2	1.040	1.907	21.8	18.8

313619 2003 QE_{107} 5 24.6 239°.99 2°.2/25.2 18

4 21	16 36.54	−25 17.0	1.682	2.534	14.8	20.5
5 1	16 30.36	−25 43.4	1.596	2.524	11.3	20.2
5 11	16 21.42	−26 2.8	1.533	2.513	7.1	20.0
5 21	16 10.50	−26 13.2	1.495	2.502	3.0	19.7
5 31	15 58.85	−26 14.1	1.483	2.490	3.6	19.7
6 10	15 47.86	−26 7.4	1.498	2.478	7.9	19.9
6 20	15 38.77	−25 56.7	1.538	2.466	12.2	20.1
6 30	15 32.45	−25 46.5	1.599	2.453	16.0	20.3

101744 1999 FO_8 5 24.6 106°.58 11°.7/16.1 18

4 21	16 30.93	+ 6 14.8	1.827	2.655	14.8	19.2
5 1	16 25.38	+ 8 40.2	1.790	2.668	13.0	19.1
5 11	16 17.97	+10 48.7	1.776	2.680	11.8	19.0
5 21	16 9.47	+12 32.0	1.786	2.692	11.8	19.0
5 31	16 0.83	+13 43.8	1.820	2.704	12.9	19.1
6 10	15 52.99	+14 22.2	1.876	2.715	14.6	19.3
6 20	15 46.68	+14 29.0	1.952	2.726	16.4	19.4
6 30	15 42.43	+14 8.2	2.043	2.737	18.1	19.6

148361 2000 SG_{36} 5 24.6 199°.22 0°.2/24.5 18

4 21	16 29.42	−20 41.4	3.081	3.923	9.0	21.6
5 1	16 23.85	−20 34.0	2.993	3.919	6.7	21.4
5 11	16 16.95	−20 23.4	2.932	3.914	4.0	21.3
5 21	16 9.21	−20 10.3	2.899	3.909	1.1	21.0
5 31	16 1.22	−19 55.7	2.896	3.903	1.9	21.1
6 10	15 53.62	−19 41.3	2.922	3.897	4.8	21.3
6 20	15 46.97	−19 28.6	2.977	3.890	7.5	21.5
6 30	15 41.70	−19 19.5	3.056	3.883	9.8	21.6

238745 2005 GA_{144} 5 24.6 216°.43 2°.0/23.7 18

4 21	16 30.52	−15 18.6	2.227	3.084	11.5	20.8
5 1	16 25.06	−15 7.1	2.147	3.080	8.5	20.6
5 11	16 17.84	−14 55.6	2.093	3.076	5.2	20.4
5 21	16 9.48	−14 45.4	2.065	3.072	2.3	20.2
5 31	16 0.78	−14 38.3	2.065	3.068	3.4	20.2
6 10	15 52.61	−14 36.1	2.093	3.063	6.8	20.4
6 20	15 45.72	−14 40.0	2.147	3.059	10.1	20.6
6 30	15 40.66	−14 51.3	2.224	3.054	12.9	20.8

318871 2005 TV_{84} 5 24.6 257°.53 0°.4/24.8 18

4 21	16 29.32	−23 4.5	2.457	3.306	10.8	21.3
5 1	16 24.16	−22 51.6	2.365	3.294	8.0	21.1
5 11	16 17.31	−22 33.1	2.298	3.281	4.9	20.9
5 21	16 9.35	−22 9.4	2.258	3.268	1.4	20.6
5 31	16 1.03	−21 42.3	2.247	3.255	2.3	20.7
6 10	15 53.17	−21 14.0	2.263	3.242	5.8	20.9
6 20	15 46.49	−20 47.5	2.307	3.228	9.0	21.1
6 30	15 41.55	−20 25.2	2.374	3.215	11.9	21.2

165256 2000 SQ_{206} 5 24.6 95°.12 2°.3/23.7 18

4 21	16 33.07	−18 9.0	1.444	2.317	15.6	19.6
5 1	16 27.59	−17 26.1	1.382	2.323	11.5	19.3
5 11	16 19.57	−16 38.6	1.343	2.330	6.9	19.1
5 21	16 9.97	−15 50.0	1.327	2.336	2.6	18.8
5 31	16 0.05	−15 4.8	1.338	2.343	4.4	19.0
6 10	15 51.14	−14 27.7	1.374	2.349	9.0	19.3
6 20	15 44.24	−14 2.3	1.432	2.355	13.3	19.5
6 30	15 40.03	−13 50.7	1.511	2.361	17.0	19.8

183140 2002 RA_{231} 5 24.6 225°.28 0°.3/24.7 17

4 21	16 35.01	−21 10.0	1.772	2.629	14.0	20.7
5 1	16 28.95	−21 22.0	1.690	2.622	10.4	20.5
5 11	16 20.44	−21 29.9	1.632	2.616	6.3	20.2
5 21	16 10.25	−21 33.4	1.599	2.609	1.8	19.9
5 31	15 59.48	−21 33.2	1.593	2.602	3.0	20.0
6 10	15 49.39	−21 31.1	1.615	2.594	7.5	20.3
6 20	15 41.02	−21 29.9	1.661	2.586	11.7	20.5
6 30	15 35.14	−21 32.5	1.729	2.578	15.2	20.7

371730 2007 EU_{126} 5 24.6 174°.28 1°.3/25.2 17

4 21	16 34.33	−25 34.9	2.126	2.969	12.5	22.5
5 1	16 28.00	−25 29.7	2.048	2.972	9.4	22.3
5 11	16 19.64	−25 16.6	1.995	2.974	5.8	22.1
5 21	16 9.99	−24 55.4	1.968	2.976	2.2	21.9
5 31	16 0.01	−24 27.6	1.969	2.977	2.7	21.9
6 10	15 50.73	−23 56.0	1.999	2.977	6.4	22.2
6 20	15 42.98	−23 24.4	2.055	2.977	9.9	22.4
6 30	15 37.39	−22 56.3	2.134	2.977	13.0	22.6

115495 2003 UD_{25} 5 24.6 263°.67 1°.2/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.93	−23 57.8	1.640	2.498	14.9	20.6
5 1	16 29.25	−24 5.2	1.549	2.481	11.2	20.3
5 11	16 20.82	−24 5.4	1.480	2.463	7.0	20.0
5 21	16 10.40	−23 57.5	1.436	2.445	2.4	19.7
5 31	15 59.19	−23 42.0	1.418	2.426	3.3	19.7
6 10	15 48.60	−23 21.9	1.426	2.407	8.1	19.9
6 20	15 39.84	−23 1.3	1.459	2.388	12.7	20.2
6 30	15 33.85	−22 44.6	1.512	2.369	16.7	20.4

305830 2009 DW_{128} 5 24.6 308°.81 4°.2/26.2 18

4 21	16 31.91	−31 34.0	1.987	2.824	13.5	20.5
5 1	16 26.68	−32 5.2	1.900	2.813	10.6	20.3
5 11	16 19.11	−32 25.8	1.835	2.802	7.4	20.1
5 21	16 9.90	−32 33.3	1.795	2.791	4.7	19.9
5 31	16 0.10	−32 27.0	1.782	2.780	4.6	19.9
6 10	15 50.90	−32 8.7	1.796	2.770	7.3	20.0
6 20	15 43.31	−31 42.4	1.834	2.760	10.7	20.2
6 30	15 38.11	−31 12.9	1.894	2.750	13.8	20.4

338615 2003 SX_{211} 5 24.6 209°.46 1°.4/23.9 18

4 21	16 32.19	−16 25.8	2.483	3.332	10.7	21.6
5 1	16 26.18	−16 21.3	2.396	3.325	7.9	21.4
5 11	16 18.49	−16 16.0	2.335	3.318	4.8	21.2
5 21	16 9.69	−16 10.9	2.302	3.310	1.8	20.9
5 31	16 0.53	−16 7.2	2.298	3.302	2.9	21.0
6 10	15 51.84	−16 6.5	2.322	3.293	6.2	21.2
6 20	15 44.32	−16 10.1	2.374	3.284	9.3	21.4
6 30	15 38.52	−16 19.3	2.449	3.274	12.1	21.5

156387 2001 YQ_{100} 5 24.6 36°.73 3°.4/26.5 18

4 21	16 32.14	−32 33.2	1.468	2.319	16.6	19.1
5 1	16 27.04	−31 54.1	1.406	2.329	12.8	18.9
5 11	16 19.26	−30 55.3	1.364	2.339	8.5	18.7
5 21	16 9.88	−29 37.8	1.347	2.350	4.4	18.5
5 31	16 0.32	−28 6.3	1.355	2.361	4.1	18.5
6 10	15 51.96	−26 28.7	1.389	2.372	7.9	18.7
6 20	15 45.81	−24 53.6	1.447	2.384	12.1	19.0
6 30	15 42.47	−23 28.6	1.526	2.397	15.8	19.3

251430 2008 BV_{32} 5 24.6 339°.71 4°.6/26.9 18

4 21	16 31.45	−34 26.7	2.126	2.951	13.2	19.9
5 1	16 26.15	−34 47.2	2.046	2.949	10.4	19.7
5 11	16 18.67	−34 54.7	1.988	2.946	7.6	19.5
5 21	16 9.76	−34 47.2	1.955	2.944	5.2	19.3
5 31	16 0.43	−34 24.7	1.949	2.942	4.9	19.3
6 10	15 51.78	−33 49.8	1.969	2.940	7.1	19.4
6 20	15 44.72	−33 6.9	2.015	2.938	10.0	19.6
6 30	15 39.93	−32 21.2	2.083	2.937	12.8	19.8

368262 2001 YF_{110} 5 24.6 177°.41 4°.2/27.2 17

4 21	16 35.89	−35 45.8	2.421	3.227	12.3	21.3
5 1	16 29.08	−35 46.3	2.338	3.230	9.8	21.1
5 11	16 20.25	−35 32.9	2.279	3.232	7.1	21.0
5 21	16 10.15	−35 4.0	2.246	3.233	4.8	20.8
5 31	15 59.77	−34 20.4	2.241	3.233	4.5	20.8
6 10	15 50.14	−33 25.4	2.265	3.233	6.5	20.9
6 20	15 42.07	−32 23.6	2.315	3.232	9.2	21.1
6 30	15 36.17	−31 20.6	2.390	3.230	11.8	21.3

320525 2007 YG_{41} 5 24.6 48°.76 2°.0/25.3 17

4 21	16 33.89	−25 38.0	1.316	2.185	17.1	20.2
5 1	16 28.53	−25 45.8	1.261	2.198	12.8	20.0
5 11	16 20.26	−25 43.0	1.228	2.212	7.9	19.7
5 21	16 10.19	−25 29.1	1.217	2.225	3.1	19.5
5 31	15 59.78	−25 5.9	1.231	2.240	3.7	19.5
6 10	15 50.57	−24 37.8	1.270	2.254	8.4	19.9
6 20	15 43.70	−24 9.9	1.331	2.269	12.9	20.2
6 30	15 39.87	−23 47.1	1.413	2.284	16.7	20.4

490101 2008 UV_{29} 5 24.6 120°.24 10°.6/24.4 18

4 21	16 53.24	−31 32.6	1.045	1.892	22.2	20.9
5 1	16 45.24	−34 39.4	0.984	1.897	17.9	20.7
5 11	16 31.73	−37 40.4	0.943	1.901	13.6	20.5
5 21	16 13.63	−40 17.0	0.925	1.906	10.8	20.3
5 31	15 53.31	−42 12.4	0.931	1.910	11.4	20.4
6 10	15 34.09	−43 21.6	0.961	1.914	14.8	20.6
6 20	15 18.84	−43 51.8	1.011	1.918	19.0	20.8
6 30	15 9.29	−43 57.7	1.078	1.921	22.8	21.1

98691 2000 XL_{14} 5 24.6 256°.41 4°.0/26.3 18

4 21	16 35.04	−31 29.3	1.569	2.415	16.0	18.9
5 1	16 29.44	−31 31.5	1.486	2.406	12.5	18.6
5 11	16 20.93	−31 18.0	1.424	2.396	8.5	18.4
5 21	16 10.42	−30 46.8	1.386	2.386	4.8	18.1
5 31	15 59.26	−29 58.8	1.373	2.376	4.7	18.1
6 10	15 49.00	−28 58.7	1.386	2.366	8.4	18.3
6 20	15 40.86	−27 53.7	1.423	2.356	12.6	18.5
6 30	15 35.71	−26 51.2	1.481	2.345	16.5	18.7

174632 2003 SK_{110} 5 24.6 233°.26 2°.3/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.82	−17 1.0	1.936	2.793	13.0	21.2
5 1	16 27.84	−16 20.5	1.846	2.779	9.6	21.0
5 11	16 19.68	−15 36.1	1.780	2.764	5.9	20.7
5 21	16 10.05	−14 50.3	1.740	2.748	2.5	20.5
5 31	15 59.92	−14 6.8	1.729	2.732	4.0	20.5
6 10	15 50.37	−13 29.3	1.746	2.714	8.0	20.7
6 20	15 42.33	−13 1.1	1.787	2.696	11.9	20.9
6 30	15 36.50	−12 44.7	1.850	2.677	15.3	21.1

179335 2001 XA_{19} 5 24.6 110°.41 0°.2/24.5 18

4 21	16 32.52	−19 3.9	2.392	3.241	11.1	20.2
5 1	16 26.41	−19 24.6	2.322	3.251	8.2	20.1
5 11	16 18.60	−19 43.7	2.277	3.261	4.8	19.9
5 21	16 9.72	−20 1.1	2.260	3.271	1.3	19.6
5 31	16 0.56	−20 16.9	2.272	3.280	2.3	19.7
6 10	15 51.98	−20 32.1	2.313	3.290	5.8	20.0
6 20	15 44.66	−20 47.7	2.381	3.299	8.9	20.2
6 30	15 39.16	−21 5.2	2.473	3.308	11.6	20.4

78052 2002 JW_{138} 5 24.6 186°.72 0°.3/24.5 18 R

4 21	16 31.22	−22 10.7	2.060	2.915	12.4	20.2
5 1	16 25.72	−21 39.4	1.983	2.915	9.1	20.0
5 11	16 18.29	−21 1.5	1.930	2.915	5.4	19.8
5 21	16 9.65	−20 18.4	1.904	2.914	1.5	19.5
5 31	16 0.72	−19 33.1	1.905	2.913	2.7	19.6
6 10	15 52.46	−18 49.2	1.935	2.912	6.6	19.9
6 20	15 45.67	−18 10.3	1.990	2.911	10.2	20.1
6 30	15 40.92	−17 39.5	2.067	2.909	13.4	20.3

357959 2006 AC_{69} 5 24.6 78°.94 0°.7/24.4 18

4 21	16 35.99	−20 53.5	1.293	2.166	17.1	21.7
5 1	16 29.87	−20 31.2	1.244	2.184	12.6	21.5
5 11	16 20.95	−20 2.4	1.215	2.203	7.4	21.3
5 21	16 10.36	−19 29.0	1.211	2.221	2.0	21.0
5 31	15 59.58	−18 54.6	1.232	2.240	3.7	21.2
6 10	15 50.10	−18 24.0	1.277	2.258	8.9	21.5
6 20	15 42.98	−18 1.1	1.345	2.276	13.4	21.8
6 30	15 38.84	−17 49.0	1.433	2.294	17.2	22.1

438853 2009 DB_{39} 5 24.6 62°.97 9°.1/19.8 17

4 21	16 28.41	+ 3 54.0	2.038	2.872	13.3	21.1
5 1	16 23.48	+ 5 0.6	1.985	2.877	11.2	21.0
5 11	16 16.88	+ 5 53.5	1.954	2.882	9.7	20.9
5 21	16 9.26	+ 6 27.6	1.948	2.887	9.2	20.9
5 31	16 1.44	+ 6 39.5	1.966	2.892	10.0	20.9
6 10	15 54.26	+ 6 28.1	2.008	2.897	11.7	21.0
6 20	15 48.39	+ 5 54.9	2.071	2.902	13.7	21.2
6 30	15 44.35	+ 5 3.0	2.154	2.907	15.7	21.3

522756 2016 NE_{75} 5 24.6 27°.00 4°.2/26.7 17

4 21	16 31.78	−32 42.1	1.687	2.530	15.2	20.6
5 1	16 26.68	−32 44.7	1.618	2.535	11.9	20.4
5 11	16 19.08	−32 31.8	1.571	2.540	8.2	20.2
5 21	16 9.89	−32 2.3	1.548	2.546	4.9	20.0
5 31	16 0.35	−31 17.5	1.551	2.552	4.7	20.0
6 10	15 51.76	−30 22.0	1.579	2.558	7.7	20.2
6 20	15 45.13	−29 22.0	1.631	2.565	11.3	20.4
6 30	15 41.13	−28 23.9	1.706	2.572	14.6	20.6

497764 2006 SE_{310} 5 24.6 155°.35 3°.9/21.6 18

4 21	16 27.94	− 7 57.8	3.066	3.910	9.0	22.4
5 1	16 22.64	− 7 3.5	3.000	3.919	6.9	22.3
5 11	16 16.19	− 6 12.1	2.961	3.927	4.9	22.1
5 21	16 9.06	− 5 26.3	2.950	3.935	3.9	22.1
5 31	16 1.80	− 4 48.6	2.968	3.942	4.7	22.1
6 10	15 54.99	− 4 21.1	3.015	3.949	6.6	22.3
6 20	15 49.09	− 4 4.4	3.088	3.955	8.7	22.4
6 30	15 44.48	− 3 59.0	3.183	3.960	10.6	22.6

145826 1998 UP_{45} 5 24.6 219°.32 0°.2/24.7 18

4 21	16 33.95	−22 21.3	2.032	2.882	12.7	21.7
5 1	16 27.89	−22 8.9	1.945	2.874	9.5	21.5
5 11	16 19.70	−21 50.2	1.881	2.865	5.7	21.2
5 21	16 10.08	−21 25.9	1.845	2.855	1.6	20.9
5 31	16 0.01	−20 57.8	1.836	2.845	2.7	21.0
6 10	15 50.54	−20 28.7	1.856	2.834	6.8	21.2
6 20	15 42.58	−20 2.3	1.901	2.822	10.6	21.4
6 30	15 36.81	−19 41.6	1.969	2.810	14.0	21.6

21347 1997 EO_{11} 5 24.6 171°.53 5°.2/22.3 18

4 21	16 31.83	− 5 21.5	2.276	3.121	11.7	18.8
5 1	16 25.89	− 4 54.3	2.207	3.124	9.1	18.6
5 11	16 18.29	− 4 33.8	2.162	3.127	6.6	18.5
5 21	16 9.67	− 4 22.8	2.145	3.129	5.2	18.4
5 31	16 0.79	− 4 23.4	2.155	3.130	6.1	18.4
6 10	15 52.48	− 4 36.9	2.192	3.131	8.4	18.6
6 20	15 45.42	− 5 2.8	2.254	3.132	11.1	18.7
6 30	15 40.14	− 5 40.3	2.339	3.132	13.5	18.9

175826 1999 TF_{61} 5 24.6 150°.66 1°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 36.33	−26 31.4	1.974	2.816	13.4	20.8
5 1	16 29.58	−26 30.0	1.904	2.826	10.1	20.6
5 11	16 20.63	−26 19.4	1.857	2.835	6.3	20.4
5 21	16 10.31	−25 59.3	1.836	2.843	2.6	20.2
5 31	15 59.70	−25 31.0	1.844	2.851	2.9	20.2
6 10	15 49.91	−24 57.9	1.879	2.858	6.7	20.5
6 20	15 41.86	−24 24.0	1.941	2.864	10.3	20.7
6 30	15 36.15	−23 53.6	2.025	2.870	13.5	20.9

81827 2000 KM_{43} 5 24.6 200°.05 0°.1/24.6 18

4 21	16 30.91	−21 30.6	2.276	3.128	11.5	20.3
5 1	16 25.40	−21 25.8	2.196	3.126	8.5	20.1
5 11	16 18.09	−21 16.6	2.140	3.124	5.1	19.9
5 21	16 9.63	−21 3.6	2.112	3.122	1.4	19.6
5 31	16 0.84	−20 48.1	2.111	3.119	2.4	19.7
6 10	15 52.61	−20 32.2	2.139	3.117	6.1	19.9
6 20	15 45.67	−20 18.4	2.193	3.114	9.4	20.1
6 30	15 40.62	−20 9.0	2.270	3.111	12.3	20.3

40947 1999 TJ_{218} 5 24.6 78°.93 3°.4/26.0 18

4 21	16 33.38	−29 50.7	1.839	2.682	14.1	19.1
5 1	16 27.72	−30 7.5	1.766	2.685	10.9	18.9
5 11	16 19.67	−30 13.0	1.716	2.689	7.3	18.7
5 21	16 10.08	−30 5.8	1.691	2.692	4.0	18.5
5 31	16 0.08	−29 46.2	1.693	2.695	4.0	18.5
6 10	15 50.88	−29 17.2	1.721	2.699	7.2	18.7
6 20	15 43.47	−28 43.4	1.774	2.702	10.8	18.9
6 30	15 38.55	−28 9.7	1.849	2.706	14.0	19.1

343428 2010 DY_{35} 5 24.6 337°.94 7°.2/27.8 17

4 21	16 33.52	−38 46.1	1.699	2.520	16.1	20.0
5 1	16 28.38	−39 21.0	1.621	2.514	13.3	19.8
5 11	16 20.33	−39 37.4	1.564	2.510	10.3	19.6
5 21	16 10.30	−39 31.1	1.529	2.505	7.8	19.5
5 31	15 59.66	−39 1.0	1.519	2.501	7.4	19.4
6 10	15 49.93	−38 10.4	1.533	2.497	9.3	19.5
6 20	15 42.36	−37 5.9	1.570	2.494	12.3	19.7
6 30	15 37.77	−35 55.9	1.629	2.491	15.4	19.9

42312 2001 VY_{93} 5 24.6 221°.94 7°.3/21.6 18

4 21	16 31.93	− 1 59.3	1.920	2.767	13.5	18.9
5 1	16 26.29	− 1 18.1	1.849	2.761	10.8	18.7
5 11	16 18.68	− 0 46.8	1.801	2.756	8.5	18.6
5 21	16 9.80	− 0 29.9	1.778	2.750	7.3	18.5
5 31	16 0.56	− 0 30.5	1.781	2.744	8.2	18.5
6 10	15 51.93	− 0 50.0	1.809	2.737	10.6	18.6
6 20	15 44.73	− 1 27.6	1.861	2.731	13.4	18.8
6 30	15 39.58	− 2 20.9	1.933	2.724	16.0	19.0

44874 1999 UY_{44} 5 24.6 206°.15 2°.0/23.7 18 R

4 21	16 30.29	−17 25.4	1.912	2.776	12.8	19.4
5 1	16 25.14	−16 50.6	1.839	2.775	9.4	19.2
5 11	16 18.01	−16 12.9	1.789	2.775	5.7	18.9
5 21	16 9.62	−15 34.6	1.766	2.774	2.3	18.7
5 31	16 0.92	−14 58.9	1.770	2.774	3.7	18.8
6 10	15 52.89	−14 29.2	1.801	2.773	7.5	19.0
6 20	15 46.36	−14 8.3	1.856	2.772	11.1	19.2
6 30	15 41.92	−13 57.7	1.933	2.772	14.3	19.5

475565 2006 TZ_{121} 5 24.6 216°.61 0°.4/24.8 18

4 21	16 30.17	−22 58.3	2.730	3.573	10.0	23.1
5 1	16 24.64	−22 48.7	2.640	3.565	7.5	22.9
5 11	16 17.56	−22 34.1	2.575	3.557	4.5	22.7
5 21	16 9.49	−22 15.0	2.538	3.548	1.3	22.5
5 31	16 1.12	−21 52.6	2.531	3.539	2.1	22.5
6 10	15 53.18	−21 29.0	2.552	3.529	5.3	22.7
6 20	15 46.33	−21 6.6	2.601	3.519	8.3	22.9
6 30	15 41.07	−20 47.7	2.674	3.509	10.9	23.0

131580 2001 VX_{120} 5 24.6 130°.09 0°.7/24.4 18

4 21	16 36.70	−18 58.5	1.547	2.410	15.3	19.7
5 1	16 30.26	−19 3.6	1.483	2.419	11.3	19.5
5 11	16 21.22	−19 5.9	1.442	2.427	6.7	19.2
5 21	16 10.51	−19 5.8	1.425	2.436	1.9	18.9
5 31	15 59.40	−19 4.5	1.435	2.443	3.4	19.1
6 10	15 49.24	−19 4.4	1.472	2.450	8.2	19.4
6 20	15 41.10	−19 7.8	1.532	2.457	12.5	19.6
6 30	15 35.69	−19 17.1	1.614	2.464	16.1	19.9

314370 2005 UZ_{40} 5 24.6 224°.26 0°.4/24.4 18

4 21	16 29.03	−20 19.5	2.623	3.473	10.2	21.7
5 1	16 23.82	−20 10.5	2.538	3.467	7.5	21.5
5 11	16 17.09	−19 58.1	2.478	3.462	4.5	21.3
5 21	16 9.36	−19 43.2	2.445	3.455	1.2	21.0
5 31	16 1.35	−19 27.1	2.442	3.449	2.2	21.1
6 10	15 53.78	−19 11.8	2.467	3.443	5.5	21.3
6 20	15 47.30	−18 59.0	2.518	3.436	8.5	21.5
6 30	15 42.42	−18 50.9	2.594	3.429	11.2	21.6

95821 2003 FJ_{82} 5 24.6 337°.81 5°.0/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.69	−27 36.4	1.369	2.232	16.9	18.9
5 1	16 29.76	−29 0.7	1.291	2.220	13.2	18.7
5 11	16 21.51	−30 19.7	1.233	2.209	9.0	18.4
5 21	16 10.73	−31 27.4	1.199	2.199	5.5	18.2
5 31	15 58.84	−32 19.2	1.190	2.190	5.9	18.1
6 10	15 47.64	−32 53.9	1.205	2.182	9.7	18.3
6 20	15 38.68	−33 14.3	1.242	2.175	14.1	18.6
6 30	15 33.13	−33 25.9	1.298	2.169	18.0	18.8

276603 2003 TG_{59} 5 24.6 227°.14 4°.3/22.9 17

4 21	16 33.09	−11 57.4	1.680	2.545	14.2	20.8
5 1	16 27.48	−11 19.2	1.604	2.538	10.7	20.5
5 11	16 19.55	−10 42.6	1.551	2.531	7.0	20.3
5 21	16 10.07	−10 11.2	1.523	2.524	4.4	20.1
5 31	16 0.13	− 9 48.7	1.521	2.516	5.7	20.2
6 10	15 50.89	− 9 38.1	1.546	2.508	9.4	20.4
6 20	15 43.33	− 9 41.1	1.594	2.500	13.2	20.6
6 30	15 38.15	− 9 58.0	1.662	2.491	16.6	20.8

268373 2005 TD_{163} 5 24.6 130°.24 1°.5/25.3 17

4 21	16 34.71	−25 57.8	2.063	2.906	12.8	21.9
5 1	16 28.27	−25 56.5	1.996	2.920	9.6	21.8
5 11	16 19.80	−25 47.1	1.953	2.932	6.0	21.6
5 21	16 10.10	−25 29.2	1.937	2.944	2.3	21.3
5 31	16 0.15	−25 4.4	1.949	2.956	2.7	21.4
6 10	15 51.00	−24 35.5	1.989	2.967	6.4	21.6
6 20	15 43.46	−24 6.3	2.054	2.978	9.8	21.9
6 30	15 38.12	−23 40.3	2.143	2.988	12.8	22.1

286472 2002 AQ_{149} 5 24.6 249°.86 5°.3/27.9 18

4 21	16 33.07	−39 9.8	2.498	3.294	12.3	20.7
5 1	16 27.19	−39 16.6	2.403	3.282	10.1	20.5
5 11	16 19.26	−39 8.4	2.331	3.271	7.7	20.4
5 21	16 9.98	−38 43.0	2.285	3.259	5.8	20.2
5 31	16 0.31	−38 0.6	2.265	3.246	5.4	20.2
6 10	15 51.27	−37 3.7	2.273	3.234	6.9	20.2
6 20	15 43.73	−35 57.1	2.307	3.221	9.3	20.4
6 30	15 38.31	−34 46.5	2.365	3.209	11.8	20.5

213440 2001 YE_{121} 5 24.6 151°.72 0°.5/24.8 18

4 21	16 32.88	−21 15.7	2.370	3.216	11.3	20.4
5 1	16 26.82	−21 42.2	2.292	3.219	8.3	20.2
5 11	16 18.95	−22 6.0	2.240	3.222	5.0	20.0
5 21	16 9.90	−22 26.4	2.215	3.224	1.5	19.8
5 31	16 0.48	−22 43.3	2.219	3.227	2.3	19.8
6 10	15 51.59	−22 57.6	2.251	3.229	5.8	20.1
6 20	15 43.98	−23 10.7	2.311	3.231	9.1	20.3
6 30	15 38.24	−23 24.4	2.394	3.233	11.9	20.5

223479 2003 WL_{154} 5 24.6 351°.24 2°.7/23.3 18

4 21	16 27.91	−11 56.3	2.546	3.401	10.3	19.6
5 1	16 22.96	−11 46.8	2.470	3.400	7.7	19.5
5 11	16 16.56	−11 39.6	2.420	3.400	4.9	19.3
5 21	16 9.23	−11 36.2	2.397	3.399	2.8	19.1
5 31	16 1.65	−11 38.0	2.402	3.399	3.7	19.2
6 10	15 54.53	−11 46.3	2.435	3.398	6.4	19.4
6 20	15 48.47	−12 1.6	2.494	3.398	9.2	19.6
6 30	15 43.95	−12 24.1	2.577	3.398	11.6	19.7

304603 2006 VW_{74} 5 24.6 192°.97 1°.0/24.1 18

4 21	16 29.17	−18 58.2	2.375	3.231	10.9	21.7
5 1	16 24.01	−18 37.1	2.297	3.230	8.0	21.5
5 11	16 17.23	−18 12.9	2.244	3.229	4.8	21.3
5 21	16 9.42	−17 46.9	2.218	3.228	1.5	21.1
5 31	16 1.34	−17 21.4	2.221	3.227	2.7	21.2
6 10	15 53.80	−16 58.6	2.251	3.226	6.1	21.4
6 20	15 47.47	−16 40.7	2.308	3.224	9.2	21.6
6 30	15 42.85	−16 29.7	2.388	3.223	12.0	21.8

63327 2001 FS_{54} 5 24.6 18°.93 2°.7/23.7 17

4 21	16 30.13	−16 40.3	1.183	2.071	17.2	19.2
5 1	16 25.91	−16 13.3	1.127	2.076	12.8	18.9
5 11	16 18.82	−15 44.5	1.092	2.081	7.7	18.6
5 21	16 9.90	−15 17.1	1.079	2.088	3.2	18.4
5 31	16 0.57	−14 55.2	1.090	2.095	4.9	18.5
6 10	15 52.34	−14 42.6	1.123	2.103	9.9	18.8
6 20	15 46.35	−14 41.9	1.178	2.112	14.6	19.1
6 30	15 43.33	−14 54.1	1.251	2.122	18.6	19.4

277506 2005 WP_{163} 5 24.6 295°.39 0°.5/24.9 18

4 21	16 29.52	−22 29.9	2.326	3.178	11.3	20.9
5 1	16 24.41	−22 33.2	2.243	3.173	8.4	20.7
5 11	16 17.55	−22 32.0	2.185	3.168	5.0	20.5
5 21	16 9.53	−22 26.5	2.154	3.163	1.5	20.3
5 31	16 1.16	−22 17.6	2.150	3.159	2.3	20.3
6 10	15 53.31	−22 7.1	2.175	3.154	5.9	20.5
6 20	15 46.69	−21 57.4	2.226	3.150	9.2	20.7
6 30	15 41.90	−21 50.7	2.300	3.145	12.0	20.9

512319 2016 JU_{39} 5 24.6 279°.83 9°.5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.82	+ 0 45.3	1.781	2.630	14.3	21.5
5 1	16 24.99	+ 2 7.7	1.704	2.611	12.0	21.3
5 11	16 18.07	+ 3 19.8	1.649	2.592	10.1	21.1
5 21	16 9.71	+ 4 14.9	1.618	2.572	9.5	21.0
5 31	16 0.85	+ 4 46.9	1.612	2.553	10.7	21.0
6 10	15 52.54	+ 4 52.9	1.629	2.533	13.0	21.1
6 20	15 45.67	+ 4 32.8	1.666	2.514	15.7	21.3
6 30	15 40.93	+ 3 49.2	1.722	2.494	18.4	21.4

503059 2015 FP_{174} 5 24.6 126°.41 5°.9/21.6 17

4 21	16 30.34	− 5 3.5	2.167	3.016	12.0	21.5
5 1	16 24.80	− 4 10.3	2.109	3.028	9.4	21.3
5 11	16 17.65	− 3 23.8	2.076	3.038	7.0	21.2
5 21	16 9.54	− 2 47.8	2.070	3.049	5.9	21.2
5 31	16 1.27	− 2 25.5	2.090	3.059	6.8	21.2
6 10	15 53.64	− 2 18.6	2.137	3.069	9.0	21.4
6 20	15 47.31	− 2 27.2	2.208	3.078	11.6	21.6
6 30	15 42.76	− 2 50.2	2.300	3.087	13.9	21.7

290274 2005 SA_{147} 5 24.6 75°.09 0°.1/24.6 17

4 21	16 32.84	−21 26.8	1.640	2.505	14.5	21.1
5 1	16 27.33	−21 19.0	1.574	2.511	10.7	20.9
5 11	16 19.46	−21 5.7	1.531	2.517	6.4	20.6
5 21	16 10.07	−20 47.6	1.513	2.523	1.7	20.3
5 31	16 0.34	−20 26.7	1.521	2.530	3.0	20.4
6 10	15 51.47	−20 6.3	1.555	2.536	7.6	20.7
6 20	15 44.44	−19 49.8	1.614	2.542	11.7	21.0
6 30	15 39.90	−19 40.1	1.693	2.549	15.2	21.2

285383 1999 TX_{157} 5 24.6 244°.88 0°.5/24.8 17

4 21	16 34.69	−23 14.6	1.845	2.698	13.7	22.1
5 1	16 28.77	−23 3.4	1.753	2.683	10.3	21.8
5 11	16 20.42	−22 44.8	1.683	2.666	6.3	21.5
5 21	16 10.38	−22 18.9	1.639	2.649	1.8	21.2
5 31	15 59.73	−21 47.4	1.623	2.632	2.9	21.3
6 10	15 49.67	−21 13.7	1.635	2.614	7.4	21.5
6 20	15 41.26	−20 42.0	1.671	2.595	11.6	21.7
6 30	15 35.28	−20 16.4	1.729	2.576	15.3	21.9

288555 2004 GY_{73} 5 24.6 353°.96 2°.2/25.8 17

4 21	16 27.03	−28 42.5	1.528	2.393	15.3	19.6
5 1	16 23.38	−28 14.5	1.453	2.387	11.7	19.3
5 11	16 17.25	−27 31.7	1.400	2.382	7.5	19.1
5 21	16 9.50	−26 34.9	1.371	2.378	3.2	18.8
5 31	16 1.34	−25 27.6	1.366	2.375	3.4	18.8
6 10	15 54.04	−24 15.8	1.387	2.373	7.7	19.0
6 20	15 48.63	−23 6.2	1.431	2.372	12.0	19.3
6 30	15 45.79	−22 4.9	1.496	2.372	15.7	19.5

12779 1994 YA_{1} 5 24.6 163°.36 1°.7/23.8 18

4 21	16 31.15	−16 15.8	2.450	3.301	10.8	19.1
5 1	16 25.37	−15 56.9	2.376	3.306	7.9	18.9
5 11	16 18.01	−15 37.0	2.328	3.311	4.8	18.7
5 21	16 9.66	−15 17.4	2.308	3.315	2.0	18.6
5 31	16 1.08	−15 0.1	2.316	3.319	3.1	18.6
6 10	15 53.05	−14 47.1	2.353	3.322	6.2	18.8
6 20	15 46.22	−14 39.9	2.416	3.325	9.2	19.0
6 30	15 41.09	−14 39.8	2.503	3.327	11.8	19.2

439001 2010 VE_{82} 5 24.6 281°.07 0°.8/24.9 18

4 21	16 32.28	−22 31.5	2.502	3.345	10.8	21.3
5 1	16 26.57	−22 52.7	2.393	3.318	8.1	21.1
5 11	16 18.96	−23 10.9	2.309	3.290	5.0	20.8
5 21	16 9.98	−23 25.2	2.253	3.262	1.6	20.5
5 31	16 0.41	−23 35.5	2.226	3.234	2.4	20.6
6 10	15 51.12	−23 42.7	2.228	3.206	5.9	20.7
6 20	15 42.92	−23 48.4	2.257	3.177	9.3	20.9
6 30	15 36.51	−23 54.8	2.310	3.147	12.3	21.0

158484 2002 DZ_{14} 5 24.7 6°.85 0°.2/24.7 17

4 21	16 31.60	−22 36.5	1.737	2.599	14.0	20.3
5 1	16 26.38	−22 20.0	1.664	2.599	10.4	20.0
5 11	16 18.89	−21 56.5	1.614	2.599	6.2	19.8
5 21	16 9.94	−21 27.0	1.589	2.599	1.7	19.5
5 31	16 0.60	−20 53.9	1.591	2.599	2.9	19.6
6 10	15 52.04	−20 21.0	1.619	2.600	7.3	19.9
6 20	15 45.20	−19 52.0	1.672	2.600	11.4	20.1
6 30	15 40.73	−19 30.3	1.746	2.600	14.8	20.3

422807 2001 YF_{37} 5 24.7 160°.72 0°.3/24.5 15

4 21	16 34.01	−20 22.3	2.392	3.237	11.2	22.6
5 1	16 27.53	−20 17.4	2.318	3.245	8.3	22.5
5 11	16 19.32	−20 9.0	2.269	3.252	4.9	22.3
5 21	16 10.02	−19 57.5	2.248	3.258	1.3	22.0
5 31	16 0.47	−19 44.3	2.256	3.264	2.4	22.1
6 10	15 51.52	−19 31.3	2.294	3.269	5.9	22.3
6 20	15 43.90	−19 20.6	2.358	3.273	9.1	22.5
6 30	15 38.13	−19 14.5	2.446	3.276	11.9	22.7

259022 2002 TF_{190} 5 24.7 287°.66 3°.7/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.42	−13 31.8	1.578	2.448	14.7	20.9
5 1	16 27.41	−13 5.7	1.485	2.423	11.1	20.6
5 11	16 19.79	−12 40.0	1.414	2.398	7.1	20.3
5 21	16 10.27	−12 17.7	1.368	2.373	3.8	20.0
5 31	15 59.94	−12 2.3	1.347	2.347	5.4	20.0
6 10	15 50.12	−11 57.0	1.352	2.322	9.7	20.2
6 20	15 41.97	−12 4.0	1.379	2.296	14.2	20.4
6 30	15 36.40	−12 24.5	1.427	2.270	18.1	20.6

123726 2000 YK_{136} 5 24.7 222°.98 9°.2/19.0 18

4 21	16 30.51	+ 5 30.6	2.248	3.068	12.7	20.2
5 1	16 25.04	+ 6 41.3	2.179	3.059	10.9	20.1
5 11	16 17.89	+ 7 39.2	2.134	3.049	9.6	20.0
5 21	16 9.66	+ 8 19.1	2.113	3.039	9.2	20.0
5 31	16 1.11	+ 8 37.2	2.117	3.028	10.1	20.0
6 10	15 53.08	+ 8 31.9	2.145	3.017	11.7	20.1
6 20	15 46.25	+ 8 4.1	2.195	3.005	13.7	20.2
6 30	15 41.18	+ 7 16.5	2.264	2.993	15.6	20.3

172461 2003 SE_{4} 5 24.7 130°.09 0°.8/24.9 17

4 21	16 35.99	−23 47.7	1.722	2.576	14.5	21.0
5 1	16 29.56	−23 42.6	1.657	2.587	10.8	20.8
5 11	16 20.74	−23 29.9	1.615	2.598	6.5	20.6
5 21	16 10.43	−23 9.7	1.599	2.608	2.0	20.3
5 31	15 59.83	−22 43.8	1.610	2.618	2.9	20.4
6 10	15 50.16	−22 15.8	1.647	2.627	7.3	20.7
6 20	15 42.38	−21 49.6	1.710	2.636	11.3	21.0
6 30	15 37.13	−21 29.0	1.795	2.645	14.7	21.2

222680 2001 YU_{67} 5 24.7 106°.30 3°.8/23.5 17

4 21	16 34.42	−10 17.7	1.865	2.721	13.4	20.0
5 1	16 28.09	−10 14.4	1.805	2.734	10.1	19.8
5 11	16 19.74	−10 16.0	1.769	2.747	6.5	19.6
5 21	16 10.15	−10 24.1	1.759	2.760	3.9	19.5
5 31	16 0.32	−10 40.2	1.776	2.772	4.9	19.6
6 10	15 51.27	−11 4.8	1.821	2.784	8.2	19.8
6 20	15 43.81	−11 37.8	1.891	2.796	11.5	20.0
6 30	15 38.54	−12 18.8	1.982	2.808	14.5	20.2

230049 2000 ST_{105} 5 24.7 185°.58 1°.5/25.4 17

4 21	16 33.68	−26 17.0	2.377	3.214	11.5	22.0
5 1	16 27.44	−26 13.8	2.294	3.214	8.7	21.8
5 11	16 19.34	−26 3.0	2.236	3.213	5.4	21.6
5 21	16 10.06	−25 44.2	2.205	3.212	2.2	21.4
5 31	16 0.45	−25 18.7	2.203	3.210	2.5	21.4
6 10	15 51.44	−24 48.9	2.230	3.208	5.9	21.6
6 20	15 43.79	−24 18.2	2.284	3.205	9.1	21.8
6 30	15 38.09	−23 49.9	2.361	3.201	12.0	22.0

123005 2000 SZ_{258} 5 24.7 249°.34 0°.8/25.0 18

4 21	16 32.71	−23 57.7	1.971	2.823	13.0	20.7
5 1	16 27.14	−23 50.8	1.882	2.811	9.7	20.5
5 11	16 19.37	−23 36.7	1.816	2.799	6.0	20.2
5 21	16 10.11	−23 15.5	1.777	2.786	1.9	19.9
5 31	16 0.33	−22 48.6	1.765	2.773	2.7	19.9
6 10	15 51.15	−22 19.1	1.780	2.760	6.9	20.2
6 20	15 43.49	−21 50.6	1.821	2.746	10.8	20.4
6 30	15 38.07	−21 26.8	1.884	2.732	14.2	20.6

355241 2007 DJ_{2} 5 24.7 52°.43 8°.3/29.2 18

4 21	16 36.01	−46 10.8	2.353	3.114	13.9	20.0
5 1	16 29.78	−47 3.3	2.280	3.119	12.0	19.9
5 11	16 21.01	−47 37.7	2.228	3.124	10.1	19.8
5 21	16 10.56	−47 50.1	2.199	3.130	8.7	19.7
5 31	15 59.62	−47 38.7	2.195	3.135	8.3	19.7
6 10	15 49.48	−47 5.4	2.216	3.141	9.1	19.7
6 20	15 41.21	−46 15.0	2.261	3.146	10.7	19.8
6 30	15 35.57	−45 14.0	2.328	3.152	12.6	20.0

501317 2013 WU_{103} 5 24.7 168°.88 1°.2/25.4 18

4 21	16 32.88	−26 45.3	2.237	3.077	12.1	21.7
5 1	16 26.86	−26 17.4	2.159	3.081	9.0	21.5
5 11	16 18.98	−25 39.9	2.105	3.084	5.6	21.3
5 21	16 9.96	−24 53.6	2.078	3.086	2.1	21.1
5 31	16 0.71	−24 0.9	2.081	3.089	2.5	21.1
6 10	15 52.15	−23 5.7	2.111	3.090	6.0	21.3
6 20	15 45.05	−22 12.1	2.169	3.091	9.4	21.6
6 30	15 39.95	−21 24.2	2.250	3.092	12.4	21.8

393045 2013 AL_{21} 5 24.7 126°.11 2°.8/23.3 17

4 21	16 29.66	−11 48.2	2.493	3.346	10.6	21.0
5 1	16 24.23	−11 34.8	2.425	3.354	7.9	20.8
5 11	16 17.33	−11 23.6	2.382	3.361	5.0	20.6
5 21	16 9.51	−11 16.4	2.367	3.368	3.0	20.5
5 31	16 1.49	−11 14.6	2.380	3.376	3.9	20.6
6 10	15 53.99	−11 19.6	2.421	3.383	6.5	20.8
6 20	15 47.62	−11 31.9	2.488	3.389	9.3	20.9
6 30	15 42.85	−11 51.8	2.578	3.396	11.7	21.1

478695 2012 UE_{28} 5 24.7 281°.30 0°.2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.54	−20 33.1	1.927	2.786	12.9	21.5
5 1	16 26.30	−20 34.8	1.841	2.775	9.6	21.3
5 11	16 18.88	−20 32.8	1.779	2.764	5.8	21.0
5 21	16 9.99	−20 27.4	1.742	2.753	1.6	20.7
5 31	16 0.59	−20 19.8	1.733	2.741	2.8	20.8
6 10	15 51.74	−20 12.2	1.751	2.730	7.0	21.0
6 20	15 44.39	−20 7.0	1.794	2.719	10.9	21.2
6 30	15 39.22	−20 6.6	1.858	2.708	14.3	21.4

205039 1998 SP_{13} 5 24.7 221°.13 1°.4/25.3 18

4 21	16 33.27	−25 15.6	2.489	3.327	11.1	20.7
5 1	16 27.18	−25 27.9	2.397	3.317	8.3	20.5
5 11	16 19.25	−25 34.4	2.329	3.307	5.2	20.3
5 21	16 10.07	−25 34.4	2.289	3.297	2.1	20.0
5 31	16 0.46	−25 28.1	2.278	3.285	2.5	20.0
6 10	15 51.31	−25 17.2	2.296	3.274	5.8	20.2
6 20	15 43.40	−25 4.2	2.341	3.261	9.0	20.4
6 30	15 37.33	−24 51.9	2.410	3.249	11.8	20.6

162227 1999 TS_{127} 5 24.7 231°.93 0°.1/24.6 18

4 21	16 25.69	−20 59.1	3.929	4.770	7.3	21.6
5 1	16 21.00	−20 51.6	3.832	4.757	5.4	21.4
5 11	16 15.31	−20 41.5	3.763	4.745	3.2	21.3
5 21	16 8.96	−20 29.4	3.722	4.732	0.9	21.1
5 31	16 2.41	−20 16.0	3.711	4.719	1.5	21.1
6 10	15 56.13	−20 2.7	3.730	4.705	3.9	21.3
6 20	15 50.52	−19 50.6	3.777	4.691	6.0	21.4
6 30	15 45.95	−19 41.0	3.850	4.677	8.0	21.5

257867 2000 SY_{27} 5 24.7 260°.65 1°.7/23.6 17

4 21	16 28.67	−17 52.7	2.277	3.135	11.2	20.6
5 1	16 23.76	−17 11.8	2.193	3.127	8.3	20.4
5 11	16 17.17	−16 27.3	2.135	3.119	5.0	20.1
5 21	16 9.50	−15 41.6	2.103	3.111	2.0	19.9
5 31	16 1.52	−14 57.6	2.099	3.103	3.3	20.0
6 10	15 54.07	−14 18.7	2.124	3.094	6.7	20.2
6 20	15 47.84	−13 47.5	2.174	3.086	9.9	20.4
6 30	15 43.38	−13 26.1	2.246	3.077	12.8	20.6

237925 2002 PY_{179} 5 24.7 272°.41 0°.1/24.6 17

4 21	16 30.88	−21 41.9	1.968	2.826	12.7	21.2
5 1	16 25.72	−21 29.9	1.885	2.818	9.5	21.0
5 11	16 18.49	−21 12.5	1.826	2.810	5.7	20.7
5 21	16 9.89	−20 50.3	1.792	2.802	1.5	20.4
5 31	16 0.85	−20 25.4	1.786	2.794	2.7	20.5
6 10	15 52.42	−20 0.6	1.807	2.786	6.8	20.7
6 20	15 45.47	−19 39.0	1.853	2.778	10.6	20.9
6 30	15 40.65	−19 23.6	1.921	2.770	13.9	21.1

425184 2009 UJ_{62} 5 24.7 42°.06 4°.0/22.9 17

4 21	16 30.45	−13 55.4	1.510	2.385	14.9	20.7
5 1	16 25.58	−13 3.3	1.451	2.392	11.1	20.5
5 11	16 18.43	−12 11.3	1.415	2.399	7.1	20.3
5 21	16 9.85	−11 23.6	1.403	2.407	4.1	20.1
5 31	16 1.00	−10 44.9	1.417	2.415	5.6	20.2
6 10	15 53.05	−10 19.1	1.456	2.423	9.4	20.5
6 20	15 46.91	−10 8.2	1.517	2.431	13.3	20.7
6 30	15 43.21	−10 12.6	1.598	2.440	16.6	20.9

111524 2001 YT_{104} 5 24.7 154°.78 1°.3/23.9 18

4 21	16 29.33	−17 30.7	2.686	3.537	10.0	21.0
5 1	16 23.94	−17 10.0	2.613	3.543	7.3	20.9
5 11	16 17.14	−16 47.4	2.565	3.548	4.4	20.7
5 21	16 9.48	−16 24.4	2.545	3.554	1.6	20.5
5 31	16 1.62	−16 2.7	2.554	3.558	2.6	20.6
6 10	15 54.26	−15 44.4	2.592	3.563	5.6	20.8
6 20	15 47.97	−15 31.0	2.657	3.567	8.4	21.0
6 30	15 43.21	−15 24.0	2.745	3.571	10.9	21.1

476517 2008 GR_{73} 5 24.7 283°.03 0°.5/24.9 18

4 21	16 31.15	−21 39.2	2.319	3.169	11.3	21.1
5 1	16 25.70	−21 58.8	2.233	3.161	8.4	20.9
5 11	16 18.41	−22 15.2	2.171	3.154	5.1	20.7
5 21	16 9.87	−22 28.2	2.137	3.146	1.5	20.4
5 31	16 0.91	−22 37.9	2.131	3.139	2.4	20.5
6 10	15 52.41	−22 45.3	2.153	3.132	6.0	20.7
6 20	15 45.16	−22 52.2	2.201	3.124	9.3	20.9
6 30	15 39.77	−23 0.5	2.273	3.117	12.2	21.1

419757 2010 VW_{103} 5 24.7 177°.86 0°.2/24.6 17

4 21	16 35.09	−20 39.6	1.996	2.847	12.9	22.1
5 1	16 28.72	−20 37.3	1.919	2.849	9.5	21.9
5 11	16 20.23	−20 30.9	1.867	2.850	5.7	21.7
5 21	16 10.36	−20 20.7	1.841	2.851	1.5	21.4
5 31	16 0.12	−20 8.1	1.843	2.851	2.7	21.5
6 10	15 50.55	−19 55.4	1.874	2.851	6.8	21.7
6 20	15 42.55	−19 45.2	1.930	2.850	10.6	22.0
6 30	15 36.76	−19 40.1	2.009	2.848	13.8	22.2

98362 2000 SA_{363} 5 24.7 226°.52 4°.7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.66	−46 35.6	4.425	5.160	8.2	19.8
5 1	16 22.54	−46 41.7	4.337	5.159	7.0	19.7
5 11	16 16.24	−46 36.5	4.271	5.159	5.9	19.6
5 21	16 9.24	−46 19.1	4.231	5.158	5.0	19.5
5 31	16 2.09	−45 49.6	4.218	5.157	4.7	19.5
6 10	15 55.36	−45 9.3	4.232	5.156	5.2	19.5
6 20	15 49.54	−44 20.5	4.273	5.155	6.2	19.6
6 30	15 45.01	−43 26.1	4.339	5.154	7.4	19.7

391703 2008 BT_{40} 5 24.7 179°.74 5°.5/21.5 18

4 21	16 28.80	− 3 11.6	2.613	3.454	10.5	21.5
5 1	16 23.56	− 2 31.6	2.544	3.454	8.4	21.4
5 11	16 16.93	− 1 58.5	2.500	3.455	6.4	21.3
5 21	16 9.44	− 1 35.1	2.483	3.455	5.5	21.2
5 31	16 1.75	− 1 23.9	2.493	3.455	6.3	21.3
6 10	15 54.53	− 1 26.2	2.531	3.455	8.2	21.4
6 20	15 48.34	− 1 41.9	2.593	3.454	10.3	21.5
6 30	15 43.64	− 2 10.2	2.677	3.453	12.4	21.7

877 Walküre 5 24.7 220°.26 1°.9/23.8 18 R

4 21	16 33.26	−16 36.4	1.980	2.838	12.7	15.2
5 1	16 27.42	−16 16.9	1.897	2.830	9.4	15.0
5 11	16 19.50	−15 55.7	1.838	2.822	5.7	14.7
5 21	16 10.19	−15 34.4	1.805	2.813	2.3	14.5
5 31	16 0.44	−15 15.3	1.800	2.804	3.6	14.6
6 10	15 51.29	−15 1.1	1.823	2.795	7.5	14.8
6 20	15 43.59	−14 53.9	1.871	2.784	11.2	15.0
6 30	15 38.03	−14 55.5	1.941	2.774	14.4	15.2

183387 2002 XE_{60} 5 24.7 262°.16 0°.8/24.4 18

4 21	16 33.78	−19 45.2	1.802	2.661	13.7	20.7
5 1	16 28.18	−19 34.2	1.708	2.642	10.2	20.4
5 11	16 20.15	−19 18.8	1.638	2.623	6.2	20.1
5 21	16 10.42	−18 59.9	1.593	2.603	1.8	19.8
5 31	16 0.00	−18 39.5	1.575	2.582	3.2	19.9
6 10	15 50.13	−18 20.4	1.584	2.561	7.8	20.1
6 20	15 41.84	−18 5.9	1.618	2.540	12.1	20.3
6 30	15 35.95	−17 58.9	1.673	2.518	15.8	20.5

114141 2002 VX_{60} 5 24.7 10°.31 1°.7/23.6 18 R

4 21	16 24.21	−12 46.1	3.922	4.770	7.2	19.0
5 1	16 19.88	−12 47.8	3.844	4.771	5.3	18.9
5 11	16 14.63	−12 51.0	3.792	4.772	3.3	18.7
5 21	16 8.81	−12 56.2	3.769	4.773	1.8	18.6
5 31	16 2.84	−13 4.3	3.776	4.774	2.4	18.6
6 10	15 57.14	−13 15.7	3.811	4.775	4.3	18.8
6 20	15 52.09	−13 31.0	3.875	4.777	6.2	18.9
6 30	15 48.01	−13 50.4	3.963	4.778	8.0	19.0

475408 2006 JG_{29} 5 24.7 332°.64 2°.0/24.9 16

4 21	16 33.71	−22 9.7	1.518	2.385	15.4	20.5
5 1	16 28.65	−23 10.3	1.435	2.371	11.6	20.3
5 11	16 20.71	−24 9.9	1.373	2.357	7.3	20.0
5 21	16 10.62	−25 5.4	1.336	2.345	2.8	19.7
5 31	15 59.62	−25 54.3	1.325	2.333	3.7	19.7
6 10	15 49.18	−26 35.8	1.340	2.322	8.4	19.9
6 20	15 40.64	−27 11.0	1.378	2.311	12.9	20.2
6 30	15 35.00	−27 42.8	1.436	2.302	16.8	20.4

295156 2008 FZ_{61} 5 24.7 231°.50 4°.6/27.1 18

4 21	16 32.50	−35 36.2	2.417	3.230	12.2	20.9
5 1	16 26.81	−35 57.6	2.333	3.226	9.7	20.7
5 11	16 19.11	−36 6.6	2.271	3.222	7.2	20.5
5 21	16 10.08	−36 1.3	2.234	3.218	5.1	20.4
5 31	16 0.65	−35 41.5	2.226	3.214	4.8	20.4
6 10	15 51.82	−35 9.2	2.244	3.210	6.7	20.5
6 20	15 44.43	−34 28.5	2.288	3.206	9.2	20.6
6 30	15 39.11	−33 44.0	2.356	3.201	11.8	20.8

384797 2012 QA_{26} 5 24.7 199°.32 1°.4/25.3 17

4 21	16 32.23	−25 39.2	2.113	2.959	12.4	22.0
5 1	16 26.60	−25 35.1	2.033	2.958	9.3	21.8
5 11	16 18.97	−25 23.1	1.976	2.956	5.8	21.6
5 21	16 10.04	−25 3.3	1.946	2.954	2.2	21.3
5 31	16 0.75	−24 36.9	1.944	2.952	2.7	21.4
6 10	15 52.09	−24 6.7	1.969	2.949	6.3	21.6
6 20	15 44.91	−23 36.4	2.021	2.946	9.9	21.8
6 30	15 39.82	−23 9.4	2.095	2.943	13.0	22.0

311168 2004 TQ_{221} 5 24.7 279°.81 3°.6/23.6 18

4 21	16 34.63	−13 51.9	1.457	2.327	15.7	20.6
5 1	16 29.34	−13 31.6	1.364	2.302	11.9	20.3
5 11	16 21.14	−13 11.8	1.292	2.276	7.6	20.0
5 21	16 10.76	−12 55.5	1.244	2.250	3.8	19.7
5 31	15 59.40	−12 45.8	1.222	2.223	5.5	19.7
6 10	15 48.54	−12 46.1	1.224	2.196	10.2	19.9
6 20	15 39.51	−12 58.5	1.249	2.169	15.1	20.1
6 30	15 33.35	−13 24.1	1.294	2.142	19.4	20.3

72313 2001 BM_{43} 5 24.7 224°.20 1°.1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.30	−20 16.0	1.901	2.756	13.2	20.0
5 1	16 28.30	−19 39.3	1.814	2.746	9.8	19.7
5 11	16 20.08	−18 56.2	1.750	2.735	5.9	19.5
5 21	16 10.37	−18 8.5	1.713	2.723	1.8	19.2
5 31	16 0.20	−17 19.6	1.704	2.711	3.3	19.2
6 10	15 50.67	−16 33.8	1.723	2.698	7.6	19.5
6 20	15 42.73	−15 55.0	1.767	2.684	11.6	19.7
6 30	15 37.07	−15 26.4	1.833	2.670	15.0	19.9

182221 2000 XO_{48} 5 24.7 231°.99 1°.6/25.5 18

4 21	16 31.63	−26 13.2	2.846	3.679	10.0	21.0
5 1	16 25.82	−26 28.8	2.750	3.667	7.5	20.9
5 11	16 18.40	−26 38.9	2.679	3.654	4.8	20.7
5 21	16 9.90	−26 42.7	2.636	3.641	2.1	20.5
5 31	16 0.99	−26 40.3	2.622	3.628	2.4	20.5
6 10	15 52.47	−26 33.1	2.638	3.614	5.2	20.6
6 20	15 44.99	−26 23.1	2.681	3.600	8.0	20.8
6 30	15 39.12	−26 12.7	2.748	3.585	10.6	20.9

40364 1999 ND_{24} 5 24.7 287°.89 4°.2/23.4 18

4 21	16 33.07	−12 9.7	1.449	2.322	15.6	18.8
5 1	16 28.02	−11 50.2	1.366	2.305	11.8	18.5
5 11	16 20.24	−11 33.6	1.304	2.287	7.7	18.2
5 21	16 10.48	−11 23.2	1.266	2.270	4.4	18.0
5 31	15 59.96	−11 22.0	1.254	2.253	5.8	18.0
6 10	15 50.07	−11 32.7	1.266	2.236	10.2	18.2
6 20	15 42.03	−11 56.3	1.300	2.219	14.7	18.4
6 30	15 36.75	−12 33.0	1.354	2.202	18.7	18.6

497664 2006 RW_{82} 5 24.7 208°.16 2°.0/23.7 17

4 21	16 33.55	−17 12.3	2.019	2.874	12.6	22.8
5 1	16 27.56	−16 37.0	1.936	2.868	9.3	22.5
5 11	16 19.56	−15 58.4	1.878	2.862	5.7	22.3
5 21	16 10.23	−15 18.9	1.847	2.855	2.3	22.1
5 31	16 0.51	−14 41.5	1.844	2.847	3.7	22.1
6 10	15 51.41	−14 9.7	1.868	2.838	7.5	22.4
6 20	15 43.78	−13 46.2	1.919	2.829	11.1	22.6
6 30	15 38.25	−13 33.0	1.991	2.819	14.3	22.8

153051 2000 QV_{95} 5 24.7 317°.42 2°.2/23.8 17

4 21	16 29.41	−17 32.0	1.438	2.317	15.3	19.5
5 1	16 25.36	−17 5.9	1.353	2.298	11.4	19.2
5 11	16 18.66	−16 36.1	1.290	2.279	7.0	18.9
5 21	16 10.06	−16 5.1	1.251	2.260	2.7	18.5
5 31	16 0.74	−15 36.7	1.236	2.242	4.4	18.6
6 10	15 52.08	−15 14.8	1.246	2.225	9.3	18.8
6 20	15 45.24	−15 3.0	1.278	2.208	14.0	19.0
6 30	15 41.11	−15 3.8	1.329	2.192	18.1	19.3

150625 2000 YN_{130} 5 24.7 186°.27 0°.5/24.4 18

4 21	16 29.12	−20 4.1	2.868	3.714	9.5	21.8
5 1	16 23.79	−19 48.5	2.786	3.714	7.0	21.6
5 11	16 17.09	−19 29.8	2.730	3.713	4.2	21.4
5 21	16 9.52	−19 8.8	2.702	3.712	1.2	21.2
5 31	16 1.73	−18 47.1	2.703	3.710	2.1	21.3
6 10	15 54.38	−18 26.6	2.734	3.708	5.1	21.5
6 20	15 48.03	−18 9.1	2.791	3.706	7.9	21.6
6 30	15 43.15	−17 56.3	2.874	3.703	10.3	21.8

76922 2001 AH_{15} 5 24.7 35°.95 0°.5/24.9 18

4 21	16 31.68	−24 15.9	1.176	2.057	17.9	18.3
5 1	16 27.11	−23 46.0	1.125	2.069	13.3	18.1
5 11	16 19.58	−23 4.6	1.094	2.082	8.0	17.8
5 21	16 10.24	−22 13.8	1.085	2.096	2.3	17.5
5 31	16 0.63	−21 18.5	1.101	2.110	3.5	17.7
6 10	15 52.31	−20 25.3	1.140	2.125	9.0	18.0
6 20	15 46.40	−19 40.1	1.200	2.141	13.8	18.3
6 30	15 43.55	−19 7.2	1.280	2.158	17.8	18.6

253844 2003 YS_{130} 5 24.7 98°.25 1°.3/25.1 17

4 21	16 36.23	−23 43.6	1.599	2.456	15.2	20.6
5 1	16 29.96	−23 58.7	1.537	2.469	11.3	20.4
5 11	16 21.12	−24 6.7	1.498	2.481	6.9	20.2
5 21	16 10.66	−24 7.1	1.484	2.493	2.4	19.9
5 31	15 59.85	−24 0.5	1.497	2.505	3.1	20.0
6 10	15 50.00	−23 49.6	1.535	2.517	7.6	20.3
6 20	15 42.18	−23 38.1	1.598	2.528	11.7	20.5
6 30	15 37.05	−23 29.7	1.683	2.539	15.2	20.8

189548 2000 RJ_{47} 5 24.7 290°.67 0°.8/24.3 17

4 21	16 32.26	−21 9.7	1.770	2.632	13.8	20.1
5 1	16 27.23	−20 39.1	1.664	2.599	10.3	19.8
5 11	16 19.71	−20 0.5	1.580	2.566	6.3	19.5
5 21	16 10.36	−19 15.4	1.522	2.533	1.8	19.2
5 31	16 0.20	−18 26.6	1.491	2.499	3.4	19.2
6 10	15 50.47	−17 38.7	1.487	2.465	8.2	19.4
6 20	15 42.29	−16 56.4	1.506	2.430	12.7	19.6
6 30	15 36.54	−16 24.2	1.547	2.395	16.7	19.7

253724 2003 WC_8 5 24.7 277°.56 1°.6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.36	−18 9.7	1.595	2.461	14.8	21.3
5 1	16 28.99	−17 53.7	1.498	2.435	11.1	21.0
5 11	16 20.86	−17 34.0	1.422	2.408	6.8	20.7
5 21	16 10.69	−17 12.1	1.371	2.381	2.3	20.3
5 31	15 59.62	−16 50.3	1.346	2.353	4.0	20.4
6 10	15 49.04	−16 32.3	1.348	2.325	8.9	20.6
6 20	15 40.17	−16 21.3	1.372	2.296	13.7	20.8
6 30	15 34.01	−16 20.5	1.417	2.267	17.9	21.0

510818 2013 BB_{72} 5 24.7 173°.11 0°.4/24.5 17

4 21	16 29.65	−20 55.0	2.620	3.468	10.3	21.9
5 1	16 24.29	−20 35.7	2.541	3.470	7.5	21.8
5 11	16 17.42	−20 12.4	2.488	3.472	4.5	21.6
5 21	16 9.63	−19 46.0	2.463	3.473	1.2	21.3
5 31	16 1.60	−19 18.5	2.467	3.474	2.2	21.4
6 10	15 54.08	−18 51.9	2.499	3.475	5.5	21.6
6 20	15 47.68	−18 28.8	2.558	3.475	8.4	21.8
6 30	15 42.89	−18 10.9	2.641	3.475	11.0	22.0

335124 2004 TR_{278} 5 24.7 271°.99 3°.0/23.1 17

4 21	16 30.57	−15 43.5	1.875	2.740	13.0	21.3
5 1	16 25.58	−14 50.3	1.787	2.723	9.7	21.1
5 11	16 18.48	−13 53.6	1.723	2.706	6.1	20.8
5 21	16 9.97	−12 56.8	1.684	2.689	3.2	20.6
5 31	16 0.98	−12 4.3	1.673	2.672	4.7	20.7
6 10	15 52.55	−11 20.6	1.688	2.655	8.4	20.8
6 20	15 45.58	−10 48.9	1.728	2.637	12.2	21.0
6 30	15 40.75	−10 31.3	1.789	2.619	15.6	21.2

341458 2007 TC_{305} 5 24.7 276°.17 3°.8/26.3 17

4 21	16 33.09	−31 7.9	1.933	2.770	13.8	20.7
5 1	16 27.63	−31 25.7	1.848	2.763	10.7	20.5
5 11	16 19.80	−31 31.8	1.786	2.755	7.4	20.3
5 21	16 10.34	−31 24.4	1.749	2.747	4.4	20.1
5 31	16 0.35	−31 3.5	1.738	2.739	4.3	20.1
6 10	15 51.02	−30 31.8	1.754	2.731	7.2	20.2
6 20	15 43.39	−29 53.8	1.795	2.723	10.8	20.4
6 30	15 38.19	−29 14.8	1.859	2.715	14.0	20.6

499264 2009 VM_{35} 5 24.7 351°.35 4°.8/25.4 17

4 21	16 37.51	−28 4.5	1.502	2.354	16.3	20.5
5 1	16 31.61	−29 28.0	1.428	2.351	12.7	20.3
5 11	16 22.55	−30 44.9	1.376	2.348	8.7	20.0
5 21	16 11.17	−31 49.7	1.348	2.346	5.3	19.8
5 31	15 58.86	−32 38.2	1.346	2.345	5.6	19.8
6 10	15 47.30	−33 9.7	1.370	2.344	9.1	20.0
6 20	15 37.92	−33 27.5	1.416	2.343	13.1	20.3
6 30	15 31.75	−33 36.7	1.484	2.343	16.7	20.5

21891 Andreabocelli 5 24.7 141°.79 4°.0/26.1 18

4 21	16 37.14	−30 25.4	1.698	2.538	15.3	18.6
5 1	16 30.77	−30 52.5	1.628	2.544	11.8	18.4
5 11	16 21.71	−31 7.6	1.579	2.550	8.0	18.2
5 21	16 10.86	−31 8.0	1.555	2.555	4.6	18.0
5 31	15 59.52	−30 53.5	1.558	2.559	4.6	18.0
6 10	15 49.10	−30 27.1	1.587	2.564	7.9	18.2
6 20	15 40.72	−29 54.1	1.640	2.568	11.6	18.4
6 30	15 35.15	−29 20.1	1.716	2.572	15.0	18.7

192620 1999 JV_5 5 24.7 79°.18 0°.4/24.7 18

4 21	16 46.13	−17 37.0	1.398	2.251	17.2	19.7
5 1	16 37.34	−18 51.1	1.351	2.281	12.7	19.5
5 11	16 25.53	−20 5.6	1.327	2.311	7.5	19.3
5 21	16 11.87	−21 16.2	1.329	2.340	2.1	19.0
5 31	15 57.92	−22 19.7	1.360	2.368	3.4	19.2
6 10	15 45.33	−23 15.2	1.418	2.396	8.4	19.5
6 20	15 35.28	−24 3.9	1.501	2.424	12.8	19.9
6 30	15 28.50	−24 48.4	1.606	2.451	16.4	20.2

269973 2000 TB_6 5 24.7 88°.78 4°.1/22.7 17

4 21	16 31.46	−12 56.7	1.775	2.641	13.5	20.1
5 1	16 25.98	−11 57.6	1.720	2.655	10.1	19.9
5 11	16 18.54	−10 59.4	1.688	2.669	6.5	19.8
5 21	16 9.95	−10 6.1	1.683	2.683	4.1	19.6
5 31	16 1.20	− 9 22.1	1.704	2.697	5.4	19.8
6 10	15 53.28	− 8 50.8	1.751	2.711	8.7	20.0
6 20	15 46.98	− 8 34.0	1.822	2.724	12.1	20.2
6 30	15 42.81	− 8 31.9	1.915	2.738	15.0	20.4

369505 2010 VV_{75} 5 24.7 108°.08 3°.1/26.1 17

4 21	16 36.72	−29 40.5	1.771	2.611	14.7	21.0
5 1	16 30.14	−29 45.7	1.709	2.627	11.2	20.9
5 11	16 21.15	−29 38.5	1.670	2.643	7.4	20.7
5 21	16 10.68	−29 18.0	1.657	2.659	3.8	20.5
5 31	15 59.97	−28 45.5	1.670	2.674	3.8	20.5
6 10	15 50.27	−28 5.0	1.710	2.689	7.2	20.7
6 20	15 42.53	−27 21.7	1.776	2.703	10.9	21.0
6 30	15 37.40	−26 40.8	1.863	2.717	14.1	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
11488 1988 RM_{11}			5 24.7 230°.44		0°.8/23.9 18	
	h m	° ′			°	m
4 21	16 22.26	−17 33.2	4.450	5.298	6.4	18.8
5 1	16 18.41	−17 20.0	4.367	5.296	4.7	18.6
5 11	16 13.77	−17 5.7	4.311	5.294	2.8	18.5
5 21	16 8.64	−16 51.3	4.284	5.292	1.0	18.3
5 31	16 3.38	−16 37.7	4.286	5.290	1.6	18.4
6 10	15 58.36	−16 25.8	4.317	5.288	3.6	18.5
6 20	15 53.91	−16 16.6	4.377	5.286	5.4	18.7
6 30	15 50.32	−16 11.0	4.461	5.284	7.0	18.8
233315 2006 BW_{132}			5 24.7 128°.10		0°.1/24.7 17	
4 21	16 32.32	−22 10.9	1.932	2.788	13.0	21.4
5 1	16 26.72	−21 57.1	1.861	2.793	9.6	21.2
5 11	16 19.07	−21 37.4	1.814	2.798	5.8	21.0
5 21	16 10.13	−21 12.6	1.793	2.803	1.6	20.7
5 31	16 0.89	−20 44.8	1.799	2.808	2.7	20.8
6 10	15 52.37	−20 17.3	1.833	2.812	6.8	21.1
6 20	15 45.43	−19 53.1	1.892	2.817	10.5	21.3
6 30	15 40.67	−19 35.2	1.973	2.821	13.7	21.5
394343 2006 XV_{71}			5 24.7 190°.38		1°.5/23.8 18	
4 21	16 29.65	−15 40.1	2.882	3.730	9.4	22.0
5 1	16 24.18	−15 30.7	2.801	3.729	7.0	21.8
5 11	16 17.34	−15 21.0	2.745	3.727	4.2	21.6
5 21	16 9.65	−15 12.0	2.717	3.725	1.8	21.4
5 31	16 1.70	−15 5.0	2.720	3.722	2.7	21.5
6 10	15 54.17	−15 1.4	2.751	3.719	5.4	21.7
6 20	15 47.61	−15 2.3	2.809	3.716	8.1	21.9
6 30	15 42.48	−15 8.7	2.891	3.712	10.5	22.0
275328 2010 VS_{39}			5 24.7 125°.20		0°.6/24.9 17	
4 21	16 36.01	−23 0.7	1.849	2.700	13.7	21.8
5 1	16 29.45	−22 58.1	1.786	2.715	10.2	21.6
5 11	16 20.69	−22 49.0	1.746	2.728	6.1	21.4
5 21	16 10.57	−22 33.6	1.732	2.742	1.8	21.1
5 31	16 0.19	−22 13.7	1.746	2.754	2.7	21.2
6 10	15 50.68	−21 52.0	1.787	2.767	6.9	21.5
6 20	15 42.94	−21 32.1	1.854	2.778	10.7	21.7
6 30	15 37.57	−21 17.0	1.944	2.789	13.9	22.0
8766 Niger			5 24.7 247°.19		0°.1/24.6 18	
4 21	16 29.82	−21 33.4	2.478	3.327	10.7	18.6
5 1	16 24.62	−21 18.9	2.387	3.316	7.9	18.4
5 11	16 17.75	−20 59.7	2.321	3.304	4.8	18.1
5 21	16 9.78	−20 36.7	2.282	3.293	1.3	17.9
5 31	16 1.47	−20 11.5	2.272	3.281	2.3	17.9
6 10	15 53.60	−19 46.3	2.291	3.268	5.8	18.1
6 20	15 46.89	−19 23.9	2.336	3.256	9.0	18.3
6 30	15 41.88	−19 6.4	2.404	3.243	11.8	18.5
355602 2008 CL_{213}			5 24.7 150°.79		4°.7/21.5 18	
4 21	16 27.85	− 6 19.2	2.724	3.570	10.0	21.7
5 1	16 22.81	− 5 27.5	2.659	3.577	7.7	21.5
5 11	16 16.50	− 4 40.1	2.619	3.583	5.7	21.4
5 21	16 9.41	− 4 0.1	2.607	3.588	4.7	21.4
5 31	16 2.16	− 3 30.3	2.623	3.594	5.5	21.4
6 10	15 55.38	− 3 12.4	2.667	3.599	7.5	21.5
6 20	15 49.59	− 3 7.0	2.735	3.603	9.7	21.7
6 30	15 45.22	− 3 14.0	2.826	3.608	11.7	21.9
435205 2007 RE_{188}			5 24.7 218°.59		1°.3/24.0 17	
4 21	16 30.40	−18 59.5	2.070	2.929	12.2	21.6
5 1	16 25.21	−18 27.6	1.993	2.927	9.0	21.4
5 11	16 18.15	−17 51.6	1.939	2.924	5.4	21.2
5 21	16 9.89	−17 13.5	1.912	2.922	1.8	21.0
5 31	16 1.32	−16 36.2	1.913	2.919	3.1	21.0
6 10	15 53.37	−16 2.9	1.941	2.916	6.9	21.3
6 20	15 46.80	−15 36.5	1.995	2.913	10.4	21.5
6 30	15 42.20	−15 19.1	2.071	2.910	13.5	21.7
433723 2015 AV_{3}			5 24.7 55°.42		5°.0/23.9 17	
4 21	16 36.37	− 6 57.3	1.532	2.392	15.6	20.5
5 1	16 29.90	− 7 15.7	1.478	2.407	11.9	20.3
5 11	16 21.04	− 7 44.4	1.447	2.422	8.0	20.1
5 21	16 10.69	− 8 24.6	1.440	2.437	5.2	20.0
5 31	16 0.05	− 9 16.4	1.459	2.453	6.1	20.0
6 10	15 50.37	−10 18.3	1.505	2.469	9.5	20.3
6 20	15 42.61	−11 28.2	1.575	2.485	13.1	20.5
6 30	15 37.43	−12 43.9	1.666	2.502	16.3	20.8
309768 2008 YQ_{65}			5 24.7 102°.27		1°.6/24.1 17	
4 21	16 36.11	−18 25.8	1.559	2.423	15.2	21.5
5 1	16 29.68	−18 0.4	1.505	2.441	11.2	21.3
5 11	16 20.86	−17 31.5	1.474	2.459	6.6	21.1
5 21	16 10.62	−17 1.4	1.468	2.477	2.2	20.9
5 31	16 0.20	−16 33.0	1.488	2.494	3.8	21.0
6 10	15 50.83	−16 10.0	1.535	2.511	8.2	21.3
6 20	15 43.46	−15 55.2	1.606	2.528	12.2	21.6
6 30	15 38.68	−15 50.5	1.698	2.543	15.6	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
175086 2004 HH_{22}			5 24.7 298°.00		0°.8/24.3 17	
	h m	° ′			°	m
4 21	16 29.50	−19 47.8	2.071	2.931	12.1	20.5
5 1	16 24.62	−19 28.7	1.989	2.924	9.0	20.3
5 11	16 17.85	−19 5.6	1.932	2.917	5.3	20.1
5 21	16 9.84	−18 39.7	1.900	2.910	1.6	19.8
5 31	16 1.45	−18 13.4	1.896	2.903	2.8	19.9
6 10	15 53.63	−17 49.4	1.919	2.896	6.7	20.1
6 20	15 47.16	−17 30.5	1.967	2.890	10.3	20.3
6 30	15 42.66	−17 18.7	2.038	2.883	13.4	20.5
320345 2007 TL_{171}			5 24.7 163°.45		0°.1/24.7 16	
4 21	16 35.91	−22 32.5	1.943	2.792	13.3	21.7
5 1	16 29.34	−22 11.0	1.870	2.799	9.8	21.5
5 11	16 20.63	−21 42.6	1.821	2.804	5.9	21.3
5 21	16 10.58	−21 8.3	1.799	2.809	1.6	21.0
5 31	16 0.24	−20 30.6	1.806	2.814	2.7	21.1
6 10	15 50.69	−19 53.1	1.840	2.817	6.9	21.4
6 20	15 42.80	−19 19.5	1.900	2.820	10.7	21.6
6 30	15 37.19	−18 53.1	1.982	2.822	13.9	21.8
354150 2002 CZ_{127}			5 24.7 116°.96		6°.2/29.0 18	
4 21	16 35.41	−43 15.0	2.661	3.430	12.3	21.5
5 1	16 28.83	−43 34.7	2.590	3.444	10.3	21.4
5 11	16 20.25	−43 38.2	2.542	3.457	8.3	21.3
5 21	16 10.47	−43 23.4	2.518	3.470	6.7	21.2
5 31	16 0.46	−42 50.2	2.521	3.482	6.3	21.2
6 10	15 51.24	−42 1.2	2.551	3.494	7.2	21.3
6 20	15 43.63	−41 1.0	2.607	3.506	9.0	21.4
6 30	15 38.17	−39 55.1	2.687	3.518	10.9	21.6
195256 2002 ER_{51}			5 24.7 135°.16		6°.9/21.5 17	
4 21	16 31.71	− 2 19.5	2.058	2.902	12.8	20.4
5 1	16 25.96	− 1 27.7	2.001	2.912	10.2	20.3
5 11	16 18.49	− 0 45.1	1.968	2.922	8.0	20.2
5 21	16 9.98	− 0 15.9	1.961	2.931	6.9	20.1
5 31	16 1.28	− 0 3.2	1.980	2.940	7.8	20.2
6 10	15 53.26	− 0 8.3	2.025	2.948	9.9	20.3
6 20	15 46.61	− 0 30.6	2.093	2.956	12.4	20.5
6 30	15 41.84	− 1 8.2	2.182	2.963	14.7	20.7
419563 2010 RS_{7}			5 24.7 122°.28		5°.3/22.7 17	
4 21	16 33.33	− 9 49.2	1.583	2.449	14.9	21.1
5 1	16 27.66	− 9 3.0	1.523	2.456	11.3	20.9
5 11	16 19.72	− 8 21.1	1.486	2.463	7.7	20.7
5 21	16 10.35	− 7 47.8	1.473	2.469	5.4	20.5
5 31	16 0.68	− 7 27.0	1.486	2.476	6.6	20.6
6 10	15 51.88	− 7 21.4	1.525	2.482	10.0	20.8
6 20	15 44.87	− 7 31.6	1.586	2.488	13.6	21.1
6 30	15 40.27	− 7 56.8	1.667	2.493	16.7	21.3
185651 3043 $T\text{-}_{3}$			5 24.7 206°.82		1°.5/24.0 17	
4 21	16 34.50	−18 3.1	1.988	2.843	12.8	22.0
5 1	16 28.36	−17 40.4	1.906	2.837	9.5	21.8
5 11	16 20.11	−17 14.4	1.847	2.831	5.7	21.5
5 21	16 10.48	−16 46.8	1.815	2.824	2.0	21.3
5 31	16 0.41	−16 20.1	1.811	2.816	3.4	21.4
6 10	15 50.97	−15 57.1	1.835	2.808	7.3	21.6
6 20	15 43.04	−15 40.6	1.885	2.799	11.1	21.8
6 30	15 37.27	−15 32.7	1.956	2.789	14.3	22.0
29756 1999 CW_{5}			5 24.7 120°.40		0°.6/24.9 18	
4 21	16 35.66	−22 37.8	1.944	2.793	13.2	18.3
5 1	16 29.13	−22 43.4	1.880	2.808	9.8	18.2
5 11	16 20.49	−22 43.4	1.840	2.823	5.9	17.9
5 21	16 10.55	−22 37.8	1.827	2.837	1.8	17.7
5 31	16 0.35	−22 27.7	1.842	2.850	2.6	17.8
6 10	15 50.96	−22 15.5	1.885	2.863	6.6	18.1
6 20	15 43.25	−22 4.0	1.953	2.876	10.3	18.3
6 30	15 37.80	−21 56.0	2.044	2.888	13.4	18.5
28372 1999 HU			5 24.7 117°.75		2°.8/23.1 18	
4 21	16 29.02	−14 59.5	2.181	3.042	11.6	17.6
5 1	16 24.03	−14 11.8	2.111	3.045	8.6	17.4
5 11	16 17.37	−13 22.9	2.065	3.048	5.3	17.2
5 21	16 9.69	−12 35.7	2.047	3.051	2.9	17.1
5 31	16 1.78	−11 53.6	2.056	3.054	4.1	17.2
6 10	15 54.48	−11 19.8	2.092	3.057	7.2	17.4
6 20	15 48.45	−10 56.2	2.154	3.060	10.3	17.6
6 30	15 44.21	−10 44.1	2.238	3.062	13.1	17.7
90320 2003 FK_{63}			5 24.7 110°.75		4°.4/23.1 18	
4 21	16 34.60	−12 54.5	1.412	2.284	16.0	19.9
5 1	16 28.82	−12 9.5	1.354	2.293	12.0	19.7
5 11	16 20.49	−11 25.9	1.319	2.301	7.7	19.5
5 21	16 10.57	−10 48.1	1.307	2.310	4.5	19.3
5 31	16 0.34	−10 20.3	1.321	2.318	6.0	19.4
6 10	15 51.13	−10 6.0	1.360	2.327	10.0	19.6
6 20	15 43.95	−10 6.8	1.422	2.334	14.1	19.9
6 30	15 39.47	−10 22.5	1.502	2.342	17.6	20.2

475784 2006 XA_{13} 5 24.7 32°.56 2°.8/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.79	−32 19.2	2.006	2.842	13.4	20.5
5 1	16 25.60	−31 41.5	1.934	2.848	10.3	20.3
5 11	16 18.38	−30 48.7	1.884	2.855	6.9	20.1
5 21	16 9.97	−29 41.7	1.860	2.862	3.6	19.9
5 31	16 1.37	−28 23.5	1.864	2.869	3.4	19.9
6 10	15 53.63	−26 59.6	1.896	2.877	6.4	20.1
6 20	15 47.53	−25 36.2	1.954	2.885	9.8	20.3
6 30	15 43.61	−24 18.8	2.035	2.893	12.9	20.5

214564 2006 QD_{13} 5 24.7 328°.50 1°.7/24.9 17

4 21	16 30.12	−22 1.2	1.096	1.986	18.2	19.7
5 1	16 26.91	−22 41.5	1.014	1.962	13.9	19.4
5 11	16 20.18	−23 19.3	0.951	1.940	8.7	19.0
5 21	16 10.69	−23 52.4	0.909	1.919	3.0	18.6
5 31	15 59.90	−24 19.1	0.889	1.898	4.2	18.6
6 10	15 49.76	−24 40.2	0.891	1.880	10.2	18.9
6 20	15 42.00	−24 58.3	0.913	1.862	16.0	19.1
6 30	15 37.92	−25 17.5	0.952	1.847	21.0	19.4

438877 2009 HS_{102} 5 24.7 304°.34 5°.0/22.8 17

4 21	16 32.52	− 7 3.2	2.131	2.981	12.2	21.0
5 1	16 27.08	− 6 48.8	2.016	2.938	9.6	20.8
5 11	16 19.53	− 6 40.4	1.925	2.895	6.8	20.5
5 21	16 10.39	− 6 40.9	1.859	2.851	5.0	20.3
5 31	16 0.46	− 6 52.9	1.821	2.807	6.0	20.3
6 10	15 50.72	− 7 18.0	1.811	2.763	9.0	20.4
6 20	15 42.08	− 7 56.5	1.825	2.718	12.5	20.5
6 30	15 35.34	− 8 48.0	1.861	2.673	15.8	20.6

307028 2001 XT_{131} 5 24.7 245°.81 0°.8/24.4 18

4 21	16 31.48	−18 4.6	2.361	3.213	11.1	20.7
5 1	16 25.93	−18 11.0	2.274	3.204	8.2	20.5
5 11	16 18.59	−18 16.2	2.211	3.194	4.9	20.3
5 21	16 10.07	−18 20.6	2.175	3.185	1.5	20.0
5 31	16 1.14	−18 25.0	2.168	3.175	2.6	20.1
6 10	15 52.65	−18 30.7	2.190	3.165	6.1	20.3
6 20	15 45.36	−18 39.1	2.238	3.155	9.4	20.5
6 30	15 39.86	−18 51.6	2.309	3.145	12.3	20.6

288519 2004 FR_{137} 5 24.7 80°.32 1°.9/23.9 17

4 21	16 33.61	−18 8.8	1.556	2.425	15.0	21.7
5 1	16 27.89	−17 38.0	1.501	2.440	11.0	21.5
5 11	16 19.84	−17 3.8	1.469	2.455	6.6	21.3
5 21	16 10.39	−16 28.9	1.461	2.470	2.4	21.0
5 31	16 0.73	−15 56.7	1.480	2.485	3.9	21.2
6 10	15 52.06	−15 30.9	1.524	2.500	8.2	21.5
6 20	15 45.30	−15 14.3	1.593	2.515	12.2	21.7
6 30	15 41.04	−15 8.6	1.682	2.530	15.6	22.0

131566 2001 VM_{52} 5 24.7 135°.98 4°.4/26.0 18

4 21	16 38.66	−29 47.4	1.471	2.319	16.8	20.1
5 1	16 32.33	−30 27.5	1.403	2.324	13.0	19.8
5 11	16 22.88	−30 55.4	1.356	2.328	8.8	19.6
5 21	16 11.31	−31 7.7	1.332	2.332	5.1	19.4
5 31	15 59.11	−31 3.1	1.335	2.336	5.1	19.4
6 10	15 47.93	−30 44.5	1.362	2.340	8.8	19.6
6 20	15 39.10	−30 17.6	1.413	2.344	12.9	19.9
6 30	15 33.48	−29 48.9	1.485	2.347	16.6	20.1

233335 2006 CN_{40} 5 24.7 164°.45 4°.6/26.7 17

4 21	16 35.50	−33 24.4	2.009	2.834	13.8	20.5
5 1	16 29.36	−33 54.5	1.932	2.836	10.9	20.3
5 11	16 20.84	−34 12.1	1.877	2.838	7.8	20.1
5 21	16 10.72	−34 14.5	1.848	2.839	5.2	19.9
5 31	16 0.12	−34 1.2	1.846	2.841	5.0	19.9
6 10	15 50.27	−33 34.7	1.871	2.842	7.4	20.1
6 20	15 42.18	−32 59.4	1.921	2.843	10.5	20.3
6 30	15 36.56	−32 20.9	1.993	2.843	13.4	20.4

279041 2008 VS_{25} 5 24.7 302°.33 2°.9/23.4 17

4 21	16 30.19	−15 16.8	1.738	2.607	13.6	21.0
5 1	16 25.42	−14 41.8	1.660	2.598	10.1	20.7
5 11	16 18.46	−14 5.5	1.605	2.590	6.3	20.5
5 21	16 10.06	−13 30.7	1.575	2.581	3.1	20.3
5 31	16 1.22	−13 1.0	1.572	2.573	4.5	20.3
6 10	15 53.02	−12 39.7	1.594	2.565	8.4	20.5
6 20	15 46.38	−12 29.4	1.641	2.557	12.3	20.7
6 30	15 41.99	−12 31.1	1.708	2.550	15.7	21.0

235801 2004 XT_{25} 5 24.7 79°.55 3°.5/26.5 18

4 21	16 34.19	−31 27.4	1.892	2.728	14.1	20.1
5 1	16 28.21	−31 29.5	1.831	2.745	10.9	19.9
5 11	16 19.99	−31 18.4	1.792	2.761	7.3	19.7
5 21	16 10.44	−30 53.5	1.779	2.778	4.2	19.5
5 31	16 0.67	−30 16.1	1.792	2.794	4.0	19.6
6 10	15 51.84	−29 30.2	1.832	2.810	6.9	19.8
6 20	15 44.83	−28 40.9	1.898	2.826	10.2	20.0
6 30	15 40.21	−27 53.5	1.986	2.842	13.2	20.2

79245 1994 RL_{23} 5 24.7 345°.21 6°.5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.85	− 9 16.3	1.211	2.098	17.0	18.9
5 1	16 25.10	− 8 32.3	1.146	2.090	13.1	18.7
5 11	16 18.56	− 7 54.2	1.102	2.083	9.1	18.4
5 21	16 10.13	− 7 27.7	1.079	2.076	6.5	18.2
5 31	16 1.11	− 7 18.0	1.079	2.071	8.0	18.3
6 10	15 52.96	− 7 27.9	1.101	2.067	11.9	18.5
6 20	15 46.86	− 7 57.6	1.143	2.063	16.1	18.7
6 30	15 43.63	− 8 45.3	1.203	2.061	20.0	19.0

63338 2001 FX_{74} 5 24.7 354°.10 0°.2/24.7 18

4 21	16 32.52	−20 32.2	1.337	2.214	16.4	18.6
5 1	16 27.77	−20 37.9	1.269	2.212	12.2	18.4
5 11	16 20.15	−20 39.2	1.222	2.210	7.4	18.1
5 21	16 10.57	−20 36.3	1.198	2.208	2.0	17.8
5 31	16 0.40	−20 30.8	1.198	2.207	3.5	17.8
6 10	15 51.13	−20 25.4	1.223	2.207	8.7	18.2
6 20	15 44.00	−20 23.4	1.270	2.207	13.5	18.4
6 30	15 39.81	−20 27.9	1.337	2.208	17.6	18.7

173550 2000 XJ_{52} 5 24.7 192°.60 4°.3/26.4 17

4 21	16 37.65	−31 47.2	1.755	2.589	15.1	20.6
5 1	16 31.24	−32 10.4	1.676	2.588	11.8	20.4
5 11	16 22.09	−32 20.5	1.620	2.586	8.2	20.2
5 21	16 11.10	−32 14.8	1.588	2.585	5.0	20.0
5 31	15 59.53	−31 52.8	1.583	2.582	4.8	20.0
6 10	15 48.80	−31 17.7	1.604	2.579	7.9	20.1
6 20	15 40.08	−30 35.1	1.650	2.576	11.6	20.4
6 30	15 34.17	−29 51.3	1.717	2.572	15.1	20.6

221451 2006 BC_{1} 5 24.7 186°.58 4°.4/26.8 18

4 21	16 37.64	−34 52.6	2.523	3.327	11.9	21.3
5 1	16 30.58	−35 21.9	2.437	3.327	9.5	21.2
5 11	16 21.43	−35 39.6	2.375	3.326	7.0	21.0
5 21	16 10.88	−35 43.5	2.339	3.324	4.8	20.9
5 31	15 59.90	−35 32.7	2.333	3.321	4.6	20.8
6 10	15 49.50	−35 9.2	2.354	3.318	6.6	21.0
6 20	15 40.58	−34 36.5	2.403	3.314	9.2	21.1
6 30	15 33.79	−33 59.4	2.476	3.309	11.7	21.3

37635 1993 UJ_{1} 5 24.7 144°.32 11°.4/18.2 18 R

4 21	16 36.85	− 6 40.2	1.089	1.967	19.2	17.5
5 1	16 30.89	− 3 28.0	1.042	1.974	15.3	17.3
5 11	16 21.87	− 0 19.8	1.017	1.980	12.2	17.2
5 21	16 11.00	+ 2 27.9	1.015	1.986	11.5	17.1
5 31	15 59.87	+ 4 39.9	1.037	1.991	13.7	17.3
6 10	15 50.08	+ 6 7.8	1.081	1.996	17.2	17.5
6 20	15 42.78	+ 6 51.4	1.142	2.000	20.8	17.7
6 30	15 38.67	+ 6 55.5	1.218	2.003	23.9	18.0

294530 2007 XN_{33} 5 24.7 83°.78 1°.3/25.3 17

4 21	16 34.17	−25 36.6	1.477	2.339	15.9	20.4
5 1	16 28.71	−25 19.6	1.410	2.344	12.0	20.1
5 11	16 20.56	−24 51.5	1.364	2.348	7.4	19.9
5 21	16 10.66	−24 12.8	1.343	2.352	2.6	19.6
5 31	16 0.37	−23 26.4	1.348	2.357	3.2	19.6
6 10	15 51.09	−22 37.5	1.378	2.361	8.0	19.9
6 20	15 43.91	−21 51.6	1.431	2.365	12.5	20.2
6 30	15 39.54	−21 13.8	1.505	2.370	16.3	20.4

180426 2004 BK_{81} 5 24.7 178°.86 1°.0/24.3 17

4 21	16 34.36	−19 49.8	1.909	2.764	13.2	21.4
5 1	16 28.28	−19 26.0	1.834	2.766	9.8	21.2
5 11	16 20.08	−18 57.5	1.782	2.767	5.8	20.9
5 21	16 10.52	−18 25.8	1.757	2.767	1.7	20.7
5 31	16 0.60	−17 53.5	1.760	2.767	3.1	20.8
6 10	15 51.41	−17 23.9	1.791	2.767	7.2	21.0
6 20	15 43.81	−17 0.2	1.847	2.765	11.0	21.2
6 30	15 38.46	−16 45.0	1.925	2.764	14.3	21.4

302015 2000 SS_{31} 5 24.7 259°.71 3°.7/22.5 17

4 21	16 28.58	−11 37.1	2.353	3.210	11.0	21.0
5 1	16 23.73	−10 49.5	2.267	3.197	8.3	20.8
5 11	16 17.26	−10 2.6	2.207	3.184	5.5	20.6
5 21	16 9.74	− 9 19.3	2.174	3.171	3.7	20.4
5 31	16 1.89	− 8 43.1	2.168	3.158	4.8	20.5
6 10	15 54.49	− 8 16.5	2.190	3.145	7.5	20.6
6 20	15 48.22	− 8 1.5	2.237	3.131	10.5	20.8
6 30	15 43.61	− 7 58.6	2.307	3.118	13.1	21.0

346709 2008 YL_{165} 5 24.7 167°.33 0°.3/24.6 18

4 21	16 31.26	−21 19.3	2.255	3.106	11.6	21.9
5 1	16 25.75	−21 3.0	2.179	3.109	8.5	21.7
5 11	16 18.46	−20 41.8	2.127	3.111	5.1	21.5
5 21	16 10.07	−20 17.0	2.103	3.113	1.4	21.3
5 31	16 1.39	−19 50.2	2.106	3.114	2.4	21.4
6 10	15 53.31	−19 24.3	2.138	3.116	6.1	21.6
6 20	15 46.55	−19 1.7	2.196	3.117	9.4	21.8
6 30	15 41.66	−18 45.0	2.277	3.117	12.3	22.0

55133 2001 QL_{182} 5 24.7 196°.61 1°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.17	−14 45.3	2.475	3.326	10.7	19.4
5 1	16 25.54	−14 44.5	2.395	3.325	7.9	19.2
5 11	16 18.31	−14 44.4	2.341	3.323	4.9	19.0
5 21	16 10.03	−14 45.9	2.313	3.320	2.1	18.8
5 31	16 1.44	−14 50.3	2.315	3.318	3.1	18.8
6 10	15 53.31	−14 58.7	2.345	3.315	6.2	19.0
6 20	15 46.33	−15 11.9	2.402	3.312	9.2	19.2
6 30	15 41.02	−15 30.7	2.482	3.309	11.9	19.4

351924 2006 SK_{404} 5 24.7 278°.48 1°.1/25.3 18

4 21	16 30.71	−24 51.0	2.168	3.017	12.1	21.7
5 1	16 25.60	−24 47.8	2.077	3.004	9.1	21.5
5 11	16 18.52	−24 37.5	2.011	2.992	5.6	21.2
5 21	16 10.12	−24 20.2	1.970	2.979	2.0	21.0
5 31	16 1.26	−23 57.1	1.958	2.966	2.5	21.0
6 10	15 52.92	−23 30.8	1.973	2.953	6.3	21.2
6 20	15 45.93	−23 4.4	2.014	2.941	9.8	21.4
6 30	15 40.95	−22 41.3	2.077	2.928	13.0	21.6

380148 1999 VD_{18} 5 24.7 137°.10 3°.3/26.1 18

4 21	16 35.19	−29 43.5	2.075	2.909	13.1	20.9
5 1	16 28.97	−30 11.6	2.001	2.915	10.1	20.7
5 11	16 20.54	−30 29.9	1.951	2.921	6.8	20.5
5 21	16 10.67	−30 36.8	1.927	2.927	3.9	20.3
5 31	16 0.39	−30 31.9	1.931	2.932	3.9	20.3
6 10	15 50.83	−30 17.4	1.962	2.937	6.7	20.5
6 20	15 42.88	−29 56.8	2.019	2.942	10.0	20.7
6 30	15 37.24	−29 34.4	2.098	2.947	12.9	20.9

504709 2009 SC_{104} 5 24.7 290°.77 0°.3/24.8 17

4 21	16 33.03	−22 0.2	1.572	2.437	15.0	21.3
5 1	16 28.09	−21 58.6	1.479	2.416	11.3	21.1
5 11	16 20.41	−21 51.0	1.408	2.394	6.9	20.8
5 21	16 10.73	−21 37.3	1.362	2.372	2.0	20.4
5 31	16 0.21	−21 18.8	1.341	2.350	3.2	20.4
6 10	15 50.25	−20 58.8	1.346	2.328	8.3	20.7
6 20	15 42.09	−20 41.2	1.374	2.306	13.1	20.9
6 30	15 36.66	−20 29.9	1.422	2.284	17.2	21.1

509839 2008 YY_{22} 5 24.7 215°.10 0°.1/24.7 17

4 21	16 31.73	−22 9.6	2.537	3.381	10.7	22.1
5 1	16 26.01	−21 53.8	2.447	3.373	7.9	21.9
5 11	16 18.61	−21 32.9	2.382	3.364	4.8	21.7
5 21	16 10.13	−21 7.6	2.345	3.355	1.3	21.5
5 31	16 1.32	−20 39.5	2.337	3.345	2.2	21.5
6 10	15 52.97	−20 11.0	2.358	3.335	5.7	21.7
6 20	15 45.80	−19 44.7	2.406	3.324	8.8	21.9
6 30	15 40.35	−19 23.2	2.478	3.313	11.6	22.1

144979 2005 EE_{137} 5 24.7 299°.04 3°.5/25.6 18

4 21	16 34.86	−27 17.6	1.444	2.304	16.4	19.6
5 1	16 30.03	−27 52.8	1.345	2.275	12.7	19.3
5 11	16 21.92	−28 19.9	1.266	2.245	8.5	19.0
5 21	16 11.23	−28 35.4	1.211	2.216	4.3	18.6
5 31	15 59.27	−28 37.3	1.181	2.186	4.6	18.6
6 10	15 47.73	−28 27.0	1.175	2.157	9.3	18.7
6 20	15 38.22	−28 8.9	1.191	2.128	14.3	18.9
6 30	15 31.94	−27 49.3	1.228	2.099	18.8	19.1

72445 2001 DD 5 24.7 178°.98 2°.6/23.5 18

4 21	16 30.89	−15 29.2	2.001	2.862	12.4	19.8
5 1	16 25.62	−14 54.0	1.928	2.862	9.2	19.6
5 11	16 18.45	−14 17.5	1.879	2.863	5.7	19.4
5 21	16 10.09	−13 42.3	1.857	2.863	2.8	19.2
5 31	16 1.43	−13 11.5	1.862	2.863	4.0	19.3
6 10	15 53.40	−12 47.9	1.894	2.863	7.5	19.5
6 20	15 46.79	−12 33.8	1.951	2.862	10.9	19.7
6 30	15 42.17	−12 30.3	2.030	2.862	13.9	19.9

97207 1999 XV_{30} 5 24.7 197°.77 1°.1/24.2 18

4 21	16 31.90	−18 35.6	2.097	2.953	12.1	20.1
5 1	16 26.36	−18 22.1	2.019	2.951	9.0	19.9
5 11	16 18.91	−18 5.8	1.965	2.949	5.4	19.7
5 21	16 10.23	−17 47.9	1.938	2.947	1.7	19.4
5 31	16 1.19	−17 30.4	1.939	2.945	2.9	19.5
6 10	15 52.75	−17 15.5	1.967	2.942	6.7	19.7
6 20	15 45.70	−17 5.6	2.021	2.940	10.2	19.9
6 30	15 40.63	−17 2.5	2.098	2.937	13.3	20.1

121716 Victorsank 5 24.7 253°.28 1°.2/25.6 18

4 21	16 30.07	−27 30.1	2.623	3.460	10.6	19.7
5 1	16 24.78	−26 58.8	2.527	3.446	8.0	19.5
5 11	16 17.88	−26 18.1	2.455	3.433	5.0	19.3
5 21	16 9.94	−25 28.8	2.411	3.419	2.0	19.0
5 31	16 1.69	−24 32.9	2.397	3.404	2.2	19.0
6 10	15 53.94	−23 33.8	2.411	3.390	5.4	19.2
6 20	15 47.34	−22 35.2	2.453	3.375	8.5	19.4
6 30	15 42.45	−21 41.0	2.519	3.361	11.2	19.5

300067 2006 UB_{201} 5 24.7 171°.15 1°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.38	−18 50.6	2.885	3.732	9.5	21.3
5 1	16 23.97	−18 5.8	2.807	3.735	6.9	21.1
5 11	16 17.25	−17 17.4	2.755	3.738	4.1	20.9
5 21	16 9.74	−16 27.6	2.732	3.740	1.5	20.7
5 31	16 2.06	−15 38.8	2.739	3.742	2.6	20.8
6 10	15 54.86	−14 53.7	2.775	3.744	5.4	21.0
6 20	15 48.68	−14 14.6	2.838	3.745	8.1	21.2
6 30	15 43.93	−13 43.6	2.926	3.745	10.4	21.4

306915 2001 TM_{231} 5 24.7 202°.39 3°.4/25.7 18

4 21	16 38.32	−28 27.8	2.016	2.849	13.5	20.9
5 1	16 31.52	−29 16.2	1.932	2.846	10.4	20.7
5 11	16 22.23	−29 57.1	1.872	2.842	7.0	20.4
5 21	16 11.20	−30 27.4	1.839	2.838	4.0	20.3
5 31	15 59.52	−30 45.4	1.833	2.834	4.1	20.2
6 10	15 48.44	−30 52.1	1.856	2.829	7.2	20.4
6 20	15 39.02	−30 50.3	1.904	2.824	10.7	20.6
6 30	15 32.07	−30 44.4	1.975	2.818	13.8	20.8

159661 2002 EV_{99} 5 24.7 71°.89 1°.7/24.1 17

4 21	16 33.05	−17 3.5	1.688	2.554	14.1	20.3
5 1	16 27.43	−16 53.7	1.629	2.566	10.4	20.1
5 11	16 19.60	−16 42.6	1.593	2.579	6.2	19.9
5 21	16 10.42	−16 31.8	1.582	2.591	2.2	19.6
5 31	16 0.97	−16 23.1	1.598	2.604	3.6	19.7
6 10	15 52.37	−16 19.0	1.640	2.617	7.7	20.0
6 20	15 45.51	−16 21.2	1.707	2.629	11.5	20.3
6 30	15 41.00	−16 31.2	1.794	2.642	14.8	20.5

399814 2005 SE_{133} 5 24.7 295°.68 1°.3/24.3 14 C

4 21	16 32.84	−20 20.1	1.213	2.094	17.4	21.6
5 1	16 28.64	−19 51.3	1.123	2.068	13.1	21.3
5 11	16 21.11	−19 13.8	1.052	2.041	8.0	20.9
5 21	16 11.01	−18 29.4	1.004	2.015	2.4	20.5
5 31	15 59.78	−17 42.0	0.980	1.988	4.4	20.5
6 10	15 49.17	−16 57.8	0.979	1.962	10.5	20.8
6 20	15 40.76	−16 23.1	0.999	1.936	16.3	21.0
6 30	15 35.72	−16 3.1	1.036	1.910	21.3	21.2

15729 Yumikoitahana 5 24.7 175°.85 1°.3/25.3 18

4 21	16 36.75	−25 34.6	1.819	2.666	14.1	19.1
5 1	16 30.25	−25 23.6	1.743	2.669	10.6	18.9
5 11	16 21.37	−25 3.2	1.690	2.671	6.6	18.7
5 21	16 10.93	−24 33.3	1.664	2.672	2.4	18.4
5 31	16 0.10	−23 55.8	1.664	2.673	2.9	18.4
6 10	15 50.10	−23 14.7	1.693	2.673	7.2	18.7
6 20	15 41.92	−22 34.6	1.747	2.672	11.2	18.9
6 30	15 36.23	−22 0.0	1.823	2.671	14.6	19.2

521388 2015 MX_{142} 5 24.7 288°.39 4°.2/27.0 18

4 21	16 31.43	−34 31.5	2.327	3.147	12.3	21.6
5 1	16 26.15	−34 42.2	2.239	3.139	9.8	21.4
5 11	16 18.86	−34 40.3	2.174	3.132	7.1	21.2
5 21	16 10.25	−34 24.4	2.135	3.124	4.7	21.0
5 31	16 1.22	−33 54.7	2.122	3.116	4.5	21.0
6 10	15 52.79	−33 13.6	2.137	3.109	6.6	21.1
6 20	15 45.79	−32 25.5	2.178	3.101	9.4	21.3
6 30	15 40.87	−31 35.1	2.242	3.094	12.1	21.4

326322 1999 VW_{205} 5 24.7 216°.27 0°.1/24.8 17

4 21	16 35.42	−21 42.1	1.958	2.808	13.1	21.8
5 1	16 29.22	−21 35.7	1.872	2.800	9.8	21.5
5 11	16 20.77	−21 24.0	1.809	2.792	5.9	21.3
5 21	16 10.80	−21 7.1	1.773	2.783	1.6	21.0
5 31	16 0.31	−20 46.7	1.765	2.773	2.7	21.0
6 10	15 50.44	−20 25.4	1.784	2.762	7.0	21.3
6 20	15 42.14	−20 6.5	1.830	2.751	11.0	21.5
6 30	15 36.11	−19 53.0	1.897	2.739	14.4	21.7

206045 2002 QX_{72} 5 24.7 168°.75 4°.0/26.7 18

4 21	16 34.48	−33 20.6	2.354	3.172	12.3	21.2
5 1	16 28.30	−33 40.5	2.274	3.175	9.7	21.0
5 11	16 20.10	−33 49.0	2.218	3.177	6.8	20.9
5 21	16 10.59	−33 44.4	2.188	3.179	4.5	20.7
5 31	16 0.70	−33 26.6	2.186	3.181	4.3	20.7
6 10	15 51.46	−32 57.8	2.212	3.182	6.4	20.8
6 20	15 43.70	−32 21.9	2.264	3.183	9.2	21.0
6 30	15 38.06	−31 43.6	2.340	3.184	11.9	21.2

311464 2005 UJ_{452} 5 24.7 256°.76 0°.2/24.8 18

4 21	16 29.75	−22 40.6	2.535	3.382	10.6	21.5
5 1	16 24.62	−22 23.6	2.440	3.367	7.9	21.3
5 11	16 17.84	−22 1.2	2.370	3.353	4.8	21.1
5 21	16 9.97	−21 34.0	2.328	3.338	1.4	20.8
5 31	16 1.73	−21 3.7	2.314	3.322	2.2	20.9
6 10	15 53.93	−20 32.8	2.329	3.307	5.6	21.1
6 20	15 47.25	−20 3.9	2.370	3.291	8.8	21.3
6 30	15 42.24	−19 39.8	2.435	3.275	11.6	21.4

337019 1995 FW_8 5 24.7 304.°00 1.°2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.32	−27 0.0	4.216	5.047	7.0	20.6
5 1	16 20.10	−27 7.9	4.126	5.041	5.3	20.4
5 11	16 14.92	−27 11.6	4.062	5.036	3.4	20.3
5 21	16 9.14	−27 11.0	4.026	5.031	1.6	20.1
5 31	16 3.17	−27 6.5	4.020	5.025	1.7	20.1
6 10	15 57.45	−26 59.0	4.043	5.020	3.5	20.3
6 20	15 52.38	−26 49.7	4.094	5.015	5.4	20.4
6 30	15 48.29	−26 40.2	4.171	5.010	7.2	20.5

74289 1998 SX_{135} 5 24.7 233.°97 5.°8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.69	− 5 42.5	2.278	3.128	11.5	19.6
5 1	16 24.56	− 4 37.1	2.200	3.118	9.1	19.4
5 11	16 17.79	− 3 36.1	2.145	3.107	6.8	19.2
5 21	16 9.96	− 2 43.8	2.118	3.096	5.8	19.1
5 31	16 1.81	− 2 4.2	2.118	3.085	6.8	19.2
6 10	15 54.13	− 1 39.9	2.144	3.073	9.1	19.3
6 20	15 47.62	− 1 32.2	2.194	3.061	11.7	19.5
6 30	15 42.81	− 1 40.7	2.266	3.049	14.2	19.6

59756 1999 LL_{35} 5 24.7 144.°67 10.°7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.83	+ 7 28.3	2.012	2.830	14.0	19.1
5 1	16 25.43	+ 9 2.7	1.964	2.836	12.3	19.0
5 11	16 18.28	+10 21.0	1.939	2.843	11.0	18.9
5 21	16 10.08	+11 16.8	1.938	2.848	10.8	18.9
5 31	16 1.67	+11 46.0	1.960	2.854	11.6	18.9
6 10	15 53.93	+11 47.4	2.005	2.859	13.2	19.1
6 20	15 47.58	+11 22.7	2.070	2.864	15.0	19.2
6 30	15 43.12	+10 35.5	2.153	2.868	16.7	19.3

156740 2002 XG_{64} 5 24.7 27.°95 4.°9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.14	−12 24.8	1.146	2.032	17.9	19.2
5 1	16 28.35	−11 51.4	1.090	2.035	13.5	18.9
5 11	16 20.54	−11 21.4	1.054	2.039	8.7	18.7
5 21	16 10.77	−10 58.9	1.040	2.044	5.1	18.5
5 31	16 0.52	−10 48.5	1.049	2.048	6.6	18.6
6 10	15 51.38	−10 53.0	1.080	2.053	11.2	18.8
6 20	15 44.56	−11 13.2	1.133	2.059	15.7	19.1
6 30	15 40.85	−11 48.3	1.203	2.065	19.7	19.4

29866 1999 FR_{46} 5 24.7 139.°56 0.°2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.14	−20 50.9	2.156	3.011	11.9	18.5
5 1	16 25.78	−20 44.9	2.081	3.013	8.8	18.3
5 11	16 18.57	−20 34.8	2.031	3.015	5.3	18.1
5 21	16 10.18	−20 21.4	2.007	3.017	1.4	17.8
5 31	16 1.48	−20 6.3	2.010	3.019	2.5	17.9
6 10	15 53.38	−19 51.5	2.042	3.021	6.2	18.1
6 20	15 46.64	−19 39.5	2.099	3.022	9.7	18.3
6 30	15 41.83	−19 32.5	2.180	3.024	12.7	18.5

31746 1999 JP_{82} 5 24.7 284.°26 3.°4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.86	−11 8.4	2.117	2.975	12.0	18.3
5 1	16 25.62	−11 0.6	2.035	2.965	9.1	18.1
5 11	16 18.53	−10 56.3	1.976	2.955	5.9	17.9
5 21	16 10.19	−10 57.3	1.944	2.946	3.5	17.7
5 31	16 1.44	−11 5.4	1.940	2.936	4.5	17.8
6 10	15 53.17	−11 21.6	1.962	2.926	7.6	17.9
6 20	15 46.17	−11 46.5	2.010	2.917	10.9	18.1
6 30	15 41.06	−12 19.9	2.080	2.907	13.8	18.3

21726 Rezvanian 5 24.8 121.°61 0.°1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.01	−23 17.0	1.634	2.493	14.9	18.5
5 1	16 29.02	−22 44.7	1.570	2.503	11.0	18.3
5 11	16 20.63	−22 3.6	1.528	2.513	6.6	18.0
5 21	16 10.77	−21 15.4	1.512	2.522	1.8	17.7
5 31	16 0.64	−20 23.7	1.522	2.531	3.0	17.8
6 10	15 51.47	−19 33.4	1.559	2.539	7.6	18.1
6 20	15 44.23	−18 49.3	1.621	2.548	11.8	18.4
6 30	15 39.54	−18 15.1	1.704	2.556	15.3	18.6

245879 2006 QL_{17} 5 24.8 303.°81 3.°1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.26	−29 25.9	1.977	2.819	13.3	20.1
5 1	16 27.01	−29 41.8	1.894	2.813	10.3	19.9
5 11	16 19.51	−29 47.5	1.834	2.807	6.9	19.7
5 21	16 10.50	−29 41.8	1.800	2.801	3.7	19.5
5 31	16 0.99	−29 24.8	1.792	2.796	3.7	19.4
6 10	15 52.13	−28 59.1	1.811	2.790	6.9	19.6
6 20	15 44.86	−28 28.6	1.856	2.785	10.4	19.8
6 30	15 39.89	−27 57.8	1.922	2.780	13.6	20.0

278300 2007 GB_{65} 5 24.8 333.°21 5.°3/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.67	−30 8.8	1.532	2.381	16.2	20.1
5 1	16 30.37	−31 20.9	1.453	2.373	12.7	19.8
5 11	16 21.97	−32 24.3	1.395	2.365	9.0	19.6
5 21	16 11.27	−33 13.8	1.362	2.357	5.9	19.4
5 31	15 59.63	−33 45.9	1.353	2.350	5.9	19.4
6 10	15 48.68	−34 0.8	1.369	2.344	9.2	19.5
6 20	15 39.83	−34 2.0	1.409	2.338	13.1	19.8
6 30	15 34.11	−33 55.5	1.469	2.332	16.7	20.0

456096 2006 BC_{177} 5 24.8 9.°38 0.°4/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.87	−21 48.1	1.199	2.078	17.7	21.4
5 1	16 29.08	−21 55.2	1.135	2.079	13.2	21.1
5 11	16 21.11	−21 56.1	1.092	2.079	8.0	20.8
5 21	16 10.99	−21 50.6	1.070	2.081	2.3	20.5
5 31	16 0.24	−21 40.1	1.073	2.082	3.6	20.6
6 10	15 50.56	−21 28.3	1.099	2.085	9.2	20.9
6 20	15 43.27	−21 19.3	1.147	2.087	14.3	21.2
6 30	15 39.25	−21 16.9	1.214	2.091	18.6	21.5

24385 Katcagen 5 24.8 217.°46 4.°0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.81	−10 37.0	2.199	3.054	11.7	19.2
5 1	16 25.46	− 9 58.7	2.120	3.048	8.9	19.1
5 11	16 18.37	− 9 22.5	2.066	3.042	5.9	18.9
5 21	16 10.16	− 8 51.5	2.039	3.036	4.0	18.7
5 31	16 1.62	− 8 28.6	2.039	3.029	5.1	18.8
6 10	15 53.60	− 8 16.1	2.067	3.022	7.9	18.9
6 20	15 46.83	− 8 15.2	2.120	3.015	10.9	19.1
6 30	15 41.86	− 8 26.3	2.194	3.007	13.7	19.3

475737 2006 WC_{79} 5 24.8 219.°31 1.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.69	−25 33.8	2.703	3.541	10.3	22.6
5 1	16 25.22	−25 21.4	2.613	3.534	7.7	22.4
5 11	16 18.17	−25 2.2	2.547	3.525	4.8	22.2
5 21	16 10.10	−24 36.5	2.509	3.517	1.8	21.9
5 31	16 1.72	−24 5.7	2.500	3.507	2.1	22.0
6 10	15 53.80	−23 32.1	2.519	3.498	5.2	22.2
6 20	15 47.00	−22 58.5	2.567	3.488	8.2	22.3
6 30	15 41.83	−22 27.9	2.638	3.478	10.9	22.5

253805 2003 XP_{38} 5 24.8 226.°27 2.°2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 36.70	−27 18.6	1.956	2.796	13.6	21.6
5 1	16 30.35	−27 25.7	1.865	2.784	10.4	21.3
5 11	16 21.57	−27 23.5	1.796	2.773	6.7	21.1
5 21	16 11.10	−27 10.8	1.754	2.760	3.0	20.8
5 31	16 0.03	−26 47.9	1.740	2.747	3.2	20.8
6 10	15 49.57	−26 17.7	1.754	2.733	7.1	21.0
6 20	15 40.77	−25 44.4	1.793	2.718	10.9	21.2
6 30	15 34.41	−25 12.8	1.855	2.702	14.4	21.4

304746 2006 YD_5 5 24.8 200.°95 1.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.50	−17 51.8	2.680	3.528	10.1	22.2
5 1	16 25.02	−17 45.4	2.597	3.525	7.4	22.0
5 11	16 18.02	−17 37.4	2.538	3.521	4.4	21.8
5 21	16 10.06	−17 28.6	2.508	3.517	1.5	21.6
5 31	16 1.81	−17 20.4	2.507	3.513	2.4	21.7
6 10	15 53.99	−17 14.1	2.535	3.508	5.5	21.9
6 20	15 47.23	−17 11.4	2.590	3.503	8.5	22.1
6 30	15 42.02	−17 13.6	2.668	3.498	11.0	22.2

148400 2000 UW_{80} 5 24.8 211.°83 0.°2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.30	−20 48.9	2.772	3.617	9.9	21.0
5 1	16 24.87	−20 44.8	2.685	3.611	7.3	20.9
5 11	16 17.94	−20 37.5	2.623	3.605	4.4	20.7
5 21	16 10.05	−20 27.3	2.588	3.599	1.2	20.4
5 31	16 1.85	−20 15.5	2.584	3.592	2.1	20.5
6 10	15 54.06	−20 3.6	2.608	3.584	5.2	20.7
6 20	15 47.31	−19 53.4	2.659	3.577	8.1	20.9
6 30	15 42.09	−19 46.8	2.735	3.569	10.7	21.0

471555 2012 OF_1 5 24.8 330.°55 6.°3/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.10	−37 7.4	1.313	2.162	18.3	20.2
5 1	16 25.91	−36 53.7	1.224	2.140	14.9	19.9
5 11	16 19.42	−36 13.7	1.153	2.118	11.0	19.6
5 21	16 10.59	−35 4.1	1.104	2.097	7.4	19.4
5 31	16 0.94	−33 26.0	1.078	2.078	6.5	19.2
6 10	15 52.25	−31 27.0	1.075	2.059	9.7	19.4
6 20	15 45.98	−29 18.8	1.095	2.042	14.1	19.6
6 30	15 43.08	−27 14.2	1.134	2.026	18.5	19.8

510801 2013 BF_3 5 24.8 155.°33 5.°9/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.05	− 1 55.2	2.423	3.262	11.3	21.5
5 1	16 24.68	− 1 29.4	2.356	3.264	9.0	21.3
5 11	16 17.81	− 1 12.3	2.314	3.267	7.0	21.2
5 21	16 10.00	− 1 6.7	2.297	3.269	6.0	21.1
5 31	16 1.97	− 1 14.6	2.308	3.271	6.7	21.2
6 10	15 54.44	− 1 36.7	2.346	3.272	8.6	21.3
6 20	15 48.04	− 2 12.3	2.408	3.274	10.9	21.5
6 30	15 43.24	− 2 59.8	2.492	3.276	13.0	21.6

477733 2010 TU_{69} 5 24.8 286.°60 4.°9/21.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.83	− 8 42.1	2.245	3.103	11.4	21.3
5 1	16 23.28	− 7 42.5	2.162	3.089	8.8	21.1
5 11	16 17.10	− 6 45.3	2.103	3.074	6.2	20.9
5 21	16 9.83	− 5 54.2	2.071	3.060	4.9	20.8
5 31	16 2.23	− 5 13.3	2.066	3.046	6.0	20.9
6 10	15 55.08	− 4 45.6	2.088	3.032	8.5	21.0
6 20	15 49.07	− 4 32.5	2.134	3.018	11.4	21.1
6 30	15 44.75	− 4 34.4	2.201	3.004	13.9	21.3

188670 2005 SP_{146} 5 24.8 325°.74 0°.1/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.97	−21 45.8	1.501	2.371	15.3	20.7
5 1	16 27.22	−21 39.4	1.426	2.365	11.4	20.4
5 11	16 19.83	−21 26.6	1.372	2.358	6.9	20.2
5 21	16 10.64	−21 8.2	1.342	2.352	1.9	19.8
5 31	16 0.89	−20 46.3	1.338	2.347	3.2	19.9
6 10	15 51.92	−20 24.3	1.359	2.342	8.2	20.2
6 20	15 44.85	−20 6.1	1.403	2.337	12.7	20.4
6 30	15 40.48	−19 55.3	1.467	2.332	16.6	20.7

131540 2001 UX_{150} 5 24.8 177°.90 1°.2/24.3 16

4 21	16 36.47	−19 18.3	1.804	2.658	13.9	21.6
5 1	16 30.01	−18 55.8	1.729	2.661	10.3	21.4
5 11	16 21.25	−18 28.8	1.679	2.663	6.1	21.1
5 21	16 11.00	−17 58.9	1.654	2.664	1.9	20.9
5 31	16 0.37	−17 28.7	1.657	2.664	3.3	20.9
6 10	15 50.52	−17 1.6	1.688	2.663	7.6	21.2
6 20	15 42.39	−16 40.9	1.744	2.662	11.6	21.4
6 30	15 36.67	−16 29.0	1.821	2.660	15.0	21.7

404614 2014 GH_{16} 5 24.8 2°.27 4°.5/22.2 16

4 21	16 28.02	− 9 23.9	2.195	3.055	11.5	21.0
5 1	16 23.37	− 8 35.6	2.126	3.054	8.8	20.9
5 11	16 17.10	− 7 50.3	2.081	3.054	6.1	20.7
5 21	16 9.83	− 7 11.5	2.062	3.055	4.5	20.6
5 31	16 2.30	− 6 42.4	2.070	3.055	5.5	20.7
6 10	15 55.32	− 6 25.4	2.105	3.055	8.1	20.8
6 20	15 49.55	− 6 21.6	2.164	3.055	10.9	21.0
6 30	15 45.48	− 6 30.9	2.245	3.056	13.4	21.2

148637 2001 SY_{23} 5 24.8 113°.87 0°.7/24.5 17

4 21	16 33.54	−20 26.1	1.754	2.614	13.9	20.2
5 1	16 27.84	−20 6.1	1.688	2.622	10.3	20.0
5 11	16 19.92	−19 41.1	1.645	2.630	6.1	19.8
5 21	16 10.62	−19 12.6	1.628	2.638	1.7	19.5
5 31	16 1.02	−18 43.2	1.638	2.645	3.1	19.6
6 10	15 52.25	−18 16.2	1.674	2.653	7.4	19.9
6 20	15 45.20	−17 54.9	1.736	2.660	11.3	20.1
6 30	15 40.49	−17 41.7	1.819	2.667	14.6	20.3

316739 1998 WM_{38} 5 24.8 253°.75 0°.2/24.8 17

4 21	16 32.18	−21 36.8	2.090	2.943	12.3	21.3
5 1	16 26.75	−21 37.0	2.003	2.933	9.2	21.1
5 11	16 19.30	−21 32.8	1.940	2.923	5.5	20.8
5 21	16 10.48	−21 24.3	1.903	2.914	1.6	20.5
5 31	16 1.19	−21 12.7	1.895	2.904	2.5	20.6
6 10	15 52.44	−21 0.2	1.914	2.893	6.5	20.8
6 20	15 45.07	−20 49.3	1.959	2.883	10.2	21.0
6 30	15 39.76	−20 42.7	2.026	2.872	13.4	21.2

317623 2003 BP_{64} 5 24.8 170°.89 3°.7/22.8 18

4 21	16 29.76	− 9 43.7	2.533	3.383	10.5	21.3
5 1	16 24.45	− 9 13.4	2.461	3.385	8.0	21.2
5 11	16 17.67	− 8 46.2	2.414	3.387	5.4	21.0
5 21	16 9.99	− 8 24.2	2.394	3.389	3.7	20.9
5 31	16 2.07	− 8 9.8	2.403	3.391	4.6	21.0
6 10	15 54.65	− 8 4.5	2.440	3.392	7.0	21.1
6 20	15 48.31	− 8 9.1	2.502	3.393	9.6	21.3
6 30	15 43.53	− 8 23.7	2.587	3.393	12.0	21.4

28925 2000 QY_{205} 5 24.8 234°.55 3°.5/22.7 18

4 21	16 28.84	−11 35.8	2.392	3.248	10.8	18.8
5 1	16 23.91	−10 54.0	2.312	3.241	8.2	18.6
5 11	16 17.42	−10 13.3	2.258	3.235	5.4	18.5
5 21	16 9.93	− 9 36.6	2.230	3.229	3.6	18.3
5 31	16 2.16	− 9 6.7	2.231	3.222	4.6	18.4
6 10	15 54.87	− 8 46.1	2.259	3.215	7.3	18.5
6 20	15 48.69	− 8 36.2	2.312	3.208	10.1	18.7
6 30	15 44.14	− 8 37.6	2.388	3.201	12.7	18.9

44733 1999 TW_{19} 5 24.8 20°.37 0°.1/24.8 18

4 21	16 31.03	−22 23.5	1.161	2.046	17.8	18.1
5 1	16 26.90	−22 6.3	1.105	2.051	13.2	17.8
5 11	16 19.74	−21 40.3	1.069	2.057	7.9	17.6
5 21	16 10.64	−21 7.3	1.054	2.065	2.2	17.2
5 31	16 1.09	−20 30.9	1.063	2.073	3.6	17.4
6 10	15 52.71	−19 56.4	1.095	2.081	9.1	17.7
6 20	15 46.69	−19 28.8	1.149	2.091	14.1	18.0
6 30	15 43.77	−19 12.0	1.221	2.102	18.2	18.3

436990 2012 TH_{214} 5 24.8 312°.96 9°.3/26.9 16

4 21	16 38.02	−40 26.9	1.723	2.530	16.5	20.9
5 1	16 32.43	−41 58.1	1.637	2.515	14.0	20.7
5 11	16 23.43	−43 14.5	1.572	2.501	11.5	20.5
5 21	16 11.80	−44 8.5	1.530	2.487	9.7	20.3
5 31	15 58.95	−44 34.9	1.511	2.473	9.5	20.3
6 10	15 46.68	−44 33.4	1.517	2.460	11.1	20.4
6 20	15 36.62	−44 8.8	1.545	2.447	13.8	20.5
6 30	15 29.96	−43 29.3	1.593	2.435	16.6	20.6

19372 1997 YP_{13} 5 24.8 27°.16 2°.2/25.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.67	−28 24.3	1.036	1.920	19.5	16.7
5 1	16 26.87	−27 51.7	0.988	1.931	14.7	16.4
5 11	16 19.76	−27 0.6	0.958	1.944	9.3	16.2
5 21	16 10.62	−25 53.0	0.949	1.957	3.7	15.9
5 31	16 1.21	−24 34.8	0.963	1.972	3.9	16.0
6 10	15 53.26	−23 15.1	0.999	1.988	9.3	16.3
6 20	15 47.96	−22 2.8	1.056	2.005	14.3	16.6
6 30	15 45.97	−21 4.4	1.132	2.023	18.6	17.0

169161 2001 QU_{202} 5 24.8 328°.94 1°.7/24.1 18

4 21	16 30.25	−16 58.8	1.778	2.645	13.4	19.8
5 1	16 25.55	−16 50.1	1.699	2.637	10.0	19.6
5 11	16 18.68	−16 40.1	1.643	2.629	6.0	19.4
5 21	16 10.34	−16 30.5	1.613	2.622	2.2	19.1
5 31	16 1.52	−16 23.0	1.609	2.615	3.5	19.2
6 10	15 53.32	−16 20.0	1.631	2.609	7.6	19.4
6 20	15 46.65	−16 23.4	1.678	2.602	11.6	19.6
6 30	15 42.21	−16 34.6	1.745	2.597	15.0	19.8

419569 2010 RQ_{48} 5 24.8 239°.20 0°.5/24.6 17

4 21	16 34.98	−20 54.7	1.804	2.660	13.8	22.2
5 1	16 29.14	−20 37.9	1.715	2.647	10.3	21.9
5 11	16 20.89	−20 15.3	1.649	2.634	6.2	21.7
5 21	16 10.98	−19 47.9	1.609	2.620	1.7	21.3
5 31	16 0.47	−19 17.7	1.597	2.605	3.1	21.4
6 10	15 50.57	−18 48.3	1.611	2.589	7.6	21.6
6 20	15 42.32	−18 23.4	1.651	2.574	11.8	21.9
6 30	15 36.48	−18 6.3	1.712	2.557	15.5	22.1

295719 2008 UD_{40} 5 24.8 153°.17 0°.3/25.0 18

4 21	16 26.34	−23 4.7	3.801	4.639	7.6	22.6
5 1	16 21.59	−22 54.2	3.723	4.646	5.6	22.4
5 11	16 15.84	−22 40.1	3.671	4.652	3.4	22.3
5 21	16 9.48	−22 23.0	3.648	4.657	1.0	22.1
5 31	16 2.98	−22 3.8	3.655	4.663	1.5	22.2
6 10	15 56.82	−21 44.0	3.691	4.668	3.8	22.3
6 20	15 51.40	−21 25.0	3.755	4.673	6.0	22.5
6 30	15 47.07	−21 8.3	3.845	4.678	7.9	22.6

245562 2005 UQ_{107} 5 24.8 264°.10 2°.8/23.2 18

4 21	16 29.62	−12 43.5	2.532	3.384	10.4	21.2
5 1	16 24.54	−12 17.9	2.436	3.364	7.8	21.0
5 11	16 17.86	−11 52.9	2.365	3.344	5.0	20.8
5 21	16 10.10	−11 30.6	2.322	3.324	2.9	20.6
5 31	16 1.95	−11 13.3	2.307	3.303	3.9	20.7
6 10	15 54.16	−11 2.9	2.320	3.282	6.8	20.8
6 20	15 47.41	−11 0.9	2.359	3.260	9.7	21.0
6 30	15 42.23	−11 8.1	2.422	3.239	12.4	21.1

247386 2001 YH_{96} 5 24.8 225°.88 4°.1/22.9 18

4 21	16 30.96	− 6 56.4	2.659	3.501	10.3	20.5
5 1	16 25.35	− 6 44.4	2.575	3.493	7.9	20.3
5 11	16 18.26	− 6 37.5	2.516	3.483	5.6	20.2
5 21	16 10.20	− 6 37.7	2.484	3.474	4.1	20.1
5 31	16 1.82	− 6 46.5	2.481	3.464	4.9	20.1
6 10	15 53.83	− 7 4.9	2.506	3.454	7.1	20.2
6 20	15 46.86	− 7 32.7	2.558	3.443	9.6	20.4
6 30	15 41.40	− 8 9.6	2.633	3.432	12.0	20.5

288381 2004 CZ_{68} 5 24.8 53°.69 3°.6/23.6 17

4 21	16 33.24	−13 51.5	1.370	2.246	16.1	20.5
5 1	16 27.94	−13 25.3	1.318	2.259	12.0	20.3
5 11	16 20.10	−13 0.9	1.288	2.273	7.5	20.1
5 21	16 10.72	−12 41.3	1.282	2.288	3.9	19.9
5 31	16 1.06	−12 29.7	1.301	2.302	5.3	20.0
6 10	15 52.46	−12 28.7	1.344	2.317	9.4	20.3
6 20	15 45.89	−12 39.4	1.410	2.332	13.5	20.6
6 30	15 42.01	−13 1.9	1.496	2.348	17.0	20.8

301124 2008 WN_{70} 5 24.8 159°.14 0°.2/24.7 16

4 21	16 37.00	−22 37.1	1.722	2.576	14.5	21.9
5 1	16 30.47	−22 10.0	1.652	2.583	10.7	21.6
5 11	16 21.55	−21 35.1	1.606	2.589	6.4	21.4
5 21	16 11.12	−20 53.7	1.585	2.595	1.8	21.1
5 31	16 0.37	−20 8.7	1.591	2.600	3.0	21.2
6 10	15 50.52	−19 24.6	1.625	2.604	7.5	21.5
6 20	15 42.54	−18 45.9	1.684	2.607	11.6	21.7
6 30	15 37.09	−18 16.1	1.765	2.610	15.1	22.0

9051 1991 UG_3 5 24.8 262°.83 1°.9/25.5 18

4 21	16 35.28	−26 26.4	1.783	2.632	14.3	18.2
5 1	16 29.60	−26 26.3	1.687	2.612	10.9	17.9
5 11	16 21.31	−26 16.4	1.612	2.592	6.9	17.6
5 21	16 11.14	−25 55.8	1.563	2.571	2.9	17.3
5 31	16 0.22	−25 25.3	1.541	2.549	3.2	17.3
6 10	15 49.86	−24 48.3	1.546	2.527	7.6	17.5
6 20	15 41.22	−24 9.4	1.576	2.505	11.9	17.7
6 30	15 35.17	−23 33.9	1.627	2.482	15.7	17.9

290780 2005 VR_{33} 5 24.8 236°.01 1°.9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.65	−17 0.8	2.639	3.492	10.0	21.1
5 1	16 23.68	−16 11.3	2.552	3.483	7.4	20.9
5 11	16 17.26	−15 18.8	2.491	3.474	4.5	20.7
5 21	16 9.91	−14 25.6	2.458	3.465	2.1	20.5
5 31	16 2.31	−13 34.6	2.454	3.455	3.2	20.6
6 10	15 55.16	−12 49.0	2.479	3.445	6.1	20.7
6 20	15 49.05	−12 11.3	2.530	3.435	9.0	20.9
6 30	15 44.46	−11 43.3	2.605	3.424	11.6	21.1

464502 2016 BX_{75} 5 24.8 219°.52 1°.5/25.3 16

4 21	16 36.67	−24 20.3	1.425	2.288	16.4	21.7
5 1	16 30.92	−24 32.0	1.352	2.285	12.4	21.5
5 11	16 22.18	−24 35.5	1.300	2.283	7.7	21.2
5 21	16 11.37	−24 29.7	1.271	2.280	2.8	20.9
5 31	15 59.90	−24 15.4	1.268	2.277	3.5	20.9
6 10	15 49.34	−23 55.7	1.290	2.273	8.5	21.2
6 20	15 40.96	−23 35.5	1.336	2.270	13.2	21.5
6 30	15 35.63	−23 19.5	1.402	2.266	17.3	21.7

319991 2007 DY_{7} 5 24.8 49°.18 24°.3/13.6 18

4 21	16 32.81	+20 20.4	0.940	1.761	26.0	20.2
5 1	16 28.34	+23 14.5	0.923	1.768	24.8	20.1
5 11	16 20.59	+25 20.5	0.920	1.775	24.3	20.1
5 21	16 10.87	+26 25.7	0.930	1.783	24.5	20.1
5 31	16 0.90	+26 24.4	0.953	1.791	25.3	20.2
6 10	15 52.38	+25 20.3	0.988	1.799	26.5	20.3
6 20	15 46.51	+23 23.6	1.034	1.808	27.9	20.5
6 30	15 43.95	+20 47.1	1.090	1.817	29.2	20.7

345883 2007 RB_{46} 5 24.8 235°.63 1°.0/25.3 17

4 21	16 32.08	−25 9.0	2.240	3.085	11.9	22.2
5 1	16 26.58	−24 58.0	2.151	3.076	8.9	22.0
5 11	16 19.17	−24 39.5	2.086	3.066	5.5	21.8
5 21	16 10.48	−24 13.7	2.048	3.057	2.0	21.5
5 31	16 1.39	−23 42.0	2.038	3.046	2.4	21.5
6 10	15 52.85	−23 7.3	2.056	3.036	6.1	21.8
6 20	15 45.65	−22 33.0	2.101	3.025	9.6	21.9
6 30	15 40.42	−22 2.7	2.168	3.014	12.7	22.1

396028 2013 CS_{8} 5 24.8 210°.61 4°.3/22.1 16

4 21	16 28.91	− 7 33.4	2.696	3.542	10.0	22.0
5 1	16 23.80	− 6 53.2	2.617	3.537	7.7	21.9
5 11	16 17.31	− 6 16.7	2.563	3.531	5.5	21.7
5 21	16 9.94	− 5 46.5	2.537	3.525	4.3	21.6
5 31	16 2.32	− 5 25.1	2.540	3.518	5.1	21.7
6 10	15 55.11	− 5 14.3	2.569	3.511	7.3	21.8
6 20	15 48.89	− 5 15.0	2.625	3.503	9.7	22.0
6 30	15 44.12	− 5 27.0	2.703	3.495	11.9	22.1

14985 1997 UU_{2} 5 24.8 201°.33 0°.8/25.2 18

4 21	16 31.49	−24 3.9	2.115	2.965	12.3	18.2
5 1	16 26.17	−23 56.3	2.037	2.965	9.2	18.0
5 11	16 18.91	−23 42.0	1.982	2.964	5.6	17.8
5 21	16 10.41	−23 21.3	1.954	2.963	1.8	17.5
5 31	16 1.55	−22 55.9	1.954	2.962	2.5	17.6
6 10	15 53.32	−22 28.5	1.981	2.961	6.2	17.8
6 20	15 46.50	−22 2.3	2.034	2.960	9.8	18.0
6 30	15 41.71	−21 40.3	2.110	2.959	12.8	18.2

502872 2015 DY_{205} 5 24.8 87°.48 5°.8/22.1 17

4 21	16 31.52	− 6 23.9	1.959	2.814	12.9	21.5
5 1	16 25.92	− 5 30.6	1.911	2.834	10.0	21.3
5 11	16 18.60	− 4 43.9	1.887	2.853	7.2	21.2
5 21	16 10.28	− 4 7.9	1.888	2.872	5.8	21.1
5 31	16 1.84	− 3 45.8	1.916	2.892	6.8	21.2
6 10	15 54.17	− 3 39.3	1.970	2.910	9.2	21.4
6 20	15 47.94	− 3 48.5	2.048	2.929	11.9	21.6
6 30	15 43.64	− 4 11.9	2.147	2.947	14.3	21.8

413401 2004 RW_{346} 5 24.8 264°.12 0°.3/24.9 17

4 21	16 35.26	−23 13.4	1.537	2.399	15.5	21.7
5 1	16 29.84	−22 53.0	1.446	2.380	11.7	21.4
5 11	16 21.57	−22 23.1	1.376	2.361	7.1	21.1
5 21	16 11.25	−21 44.2	1.331	2.341	2.1	20.7
5 31	16 0.12	−20 59.0	1.312	2.321	3.3	20.7
6 10	15 49.66	−20 12.2	1.319	2.301	8.5	21.0
6 20	15 41.13	−19 29.4	1.350	2.280	13.4	21.2
6 30	15 35.44	−18 55.7	1.401	2.259	17.6	21.4

111530 2001 YY_{112} 5 24.8 188°.07 4°.0/22.7 18

4 21	16 29.78	− 8 28.7	2.510	3.359	10.6	19.9
5 1	16 24.51	− 8 2.9	2.436	3.359	8.1	19.7
5 11	16 17.76	− 7 41.0	2.387	3.358	5.6	19.6
5 21	16 10.08	− 7 25.5	2.365	3.357	4.0	19.5
5 31	16 2.14	− 7 18.3	2.371	3.356	4.9	19.5
6 10	15 54.67	− 7 20.9	2.404	3.354	7.2	19.7
6 20	15 48.27	− 7 33.8	2.464	3.353	9.8	19.8
6 30	15 43.45	− 7 56.6	2.546	3.351	12.2	20.0

385580 2004 XO_{14} 5 24.8 210°.98 7°.7/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.70	+ 9 59.5	3.316	4.094	9.9	22.4
5 1	16 25.61	+10 51.2	3.242	4.084	8.7	22.3
5 11	16 18.30	+11 31.5	3.192	4.072	7.9	22.2
5 21	16 10.22	+11 57.2	3.169	4.059	7.7	22.2
5 31	16 1.91	+12 5.7	3.171	4.046	8.2	22.2
6 10	15 53.94	+11 56.3	3.200	4.031	9.3	22.3
6 20	15 46.81	+11 29.7	3.252	4.015	10.7	22.4
6 30	15 40.94	+10 47.7	3.325	3.999	12.0	22.4

112200 2002 JG_{117} 5 24.8 268°.01 3°.1/23.6 17

4 21	16 33.16	−15 25.5	1.545	2.415	15.0	20.5
5 1	16 28.02	−14 52.6	1.465	2.404	11.2	20.2
5 11	16 20.34	−14 18.0	1.407	2.392	7.0	20.0
5 21	16 10.89	−13 44.7	1.373	2.380	3.3	19.7
5 31	16 0.83	−13 16.5	1.366	2.368	4.9	19.8
6 10	15 51.46	−12 57.2	1.383	2.356	9.2	20.0
6 20	15 43.88	−12 49.6	1.424	2.344	13.6	20.2
6 30	15 38.90	−12 55.1	1.485	2.332	17.4	20.4

503916 2002 QT_{96} 5 24.8 300°.39 2°.4/24.0 17

4 21	16 32.76	−16 28.9	1.419	2.294	15.7	21.9
5 1	16 28.25	−16 13.5	1.323	2.265	11.9	21.6
5 11	16 20.79	−15 56.4	1.248	2.235	7.4	21.3
5 21	16 11.10	−15 39.5	1.196	2.205	2.9	20.9
5 31	16 0.36	−15 25.7	1.170	2.176	4.6	20.9
6 10	15 50.06	−15 18.4	1.168	2.146	9.8	21.1
6 20	15 41.59	−15 20.9	1.187	2.117	14.9	21.3
6 30	15 36.00	−15 35.3	1.226	2.088	19.4	21.5

362760 2011 WP_{15} 5 24.8 113°.58 0°.5/24.6 17

4 21	16 31.71	−18 40.1	2.367	3.218	11.1	20.4
5 1	16 26.10	−18 52.0	2.293	3.222	8.2	20.2
5 11	16 18.79	−19 2.3	2.243	3.226	4.9	20.0
5 21	16 10.39	−19 11.4	2.221	3.231	1.4	19.8
5 31	16 1.68	−19 19.9	2.227	3.235	2.4	19.9
6 10	15 53.49	−19 28.8	2.262	3.239	5.8	20.1
6 20	15 46.54	−19 39.4	2.323	3.243	9.0	20.3
6 30	15 41.36	−19 53.1	2.408	3.247	11.8	20.5

434752 2006 HH_{71} 5 24.8 326°.90 4°.8/22.4 16

4 21	16 27.81	−12 31.4	1.548	2.426	14.5	21.1
5 1	16 24.00	−11 29.6	1.469	2.410	11.0	20.8
5 11	16 17.89	−10 27.1	1.412	2.395	7.3	20.6
5 21	16 10.20	− 9 29.0	1.380	2.380	4.9	20.4
5 31	16 1.98	− 8 40.9	1.372	2.366	6.4	20.4
6 10	15 54.40	− 8 7.6	1.389	2.352	10.2	20.6
6 20	15 48.44	− 7 51.9	1.428	2.340	14.1	20.8
6 30	15 44.85	− 7 54.5	1.486	2.328	17.6	21.0

232841 2004 TL_{66} 5 24.8 277°.48 3°.0/23.6 18

4 21	16 32.28	−14 4.1	1.849	2.711	13.2	20.9
5 1	16 27.10	−13 40.6	1.756	2.690	10.0	20.6
5 11	16 19.70	−13 17.1	1.687	2.669	6.3	20.4
5 21	16 10.71	−12 56.1	1.643	2.648	3.3	20.1
5 31	16 1.10	−12 40.3	1.626	2.626	4.6	20.1
6 10	15 51.97	−12 32.5	1.635	2.604	8.4	20.3
6 20	15 44.28	−12 34.6	1.669	2.582	12.3	20.5
6 30	15 38.79	−12 47.8	1.724	2.560	15.8	20.7

496150 2010 TR_{74} 5 24.8 317°.73 6°.5/20.5 15

4 21	16 26.90	− 7 37.2	1.894	2.760	12.8	20.9
5 1	16 22.95	− 6 7.1	1.810	2.739	10.0	20.7
5 11	16 17.09	− 4 38.5	1.750	2.719	7.5	20.5
5 21	16 9.95	− 3 17.6	1.716	2.699	6.5	20.4
5 31	16 2.38	− 2 10.4	1.708	2.679	7.8	20.5
6 10	15 55.30	− 1 21.7	1.724	2.659	10.6	20.6
6 20	15 49.52	− 0 54.0	1.763	2.640	13.7	20.7
6 30	15 45.68	− 0 47.4	1.822	2.622	16.5	20.9

99457 2002 CS_{58} 5 24.8 340°.37 4°.0/25.4 17

4 21	16 29.84	−25 7.4	1.012	1.903	19.3	18.5
5 1	16 27.04	−26 11.7	0.939	1.886	14.9	18.2
5 11	16 20.52	−27 10.9	0.885	1.871	9.8	17.8
5 21	16 11.10	−28 0.5	0.851	1.857	4.9	17.5
5 31	16 0.40	−28 36.6	0.838	1.845	5.4	17.5
6 10	15 50.54	−28 59.2	0.846	1.834	10.7	17.7
6 20	15 43.32	−29 11.7	0.873	1.826	16.1	18.0
6 30	15 40.03	−29 19.8	0.917	1.819	21.0	18.2

502116 2015 BC_{6} 5 24.8 98°.31 6°.2/27.7 17

4 21	16 37.69	−37 26.3	1.817	2.632	15.5	21.0
5 1	16 31.26	−37 53.2	1.753	2.645	12.5	20.9
5 11	16 22.15	−38 2.7	1.709	2.657	9.4	20.7
5 21	16 11.36	−37 51.6	1.689	2.670	6.8	20.6
5 31	16 0.21	−37 19.8	1.696	2.682	6.3	20.6
6 10	15 50.09	−36 31.2	1.728	2.694	8.3	20.7
6 20	15 42.08	−35 32.1	1.784	2.706	11.2	20.9
6 30	15 36.88	−34 29.9	1.863	2.717	14.1	21.1

168554 1999 WS_{13} 5 24.8 91°.10 0°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.51	−17 7.7	1.775	2.617	14.6	19.2
5 1	16 35.73	−17 57.0	1.725	2.649	10.8	19.0
5 11	16 24.57	−18 45.9	1.700	2.682	6.4	18.8
5 21	16 11.99	−19 32.6	1.703	2.713	1.8	18.5
5 31	15 59.24	−20 15.7	1.736	2.743	2.9	18.7
6 10	15 47.55	−20 55.2	1.797	2.773	7.2	19.0
6 20	15 37.90	−21 32.0	1.886	2.802	11.0	19.3
6 30	15 30.88	−22 8.0	1.997	2.830	14.1	19.6

154526 2003 FO_{107} 5 24.8 18°.57 2°.5/25.1 18

4 21	16 36.50	−21 50.3	1.273	2.145	17.4	18.1
5 1	16 31.06	−23 11.6	1.213	2.152	13.1	17.8
5 11	16 22.40	−24 31.4	1.175	2.159	8.2	17.6
5 21	16 11.52	−25 45.0	1.160	2.168	3.3	17.3
5 31	15 59.91	−26 48.3	1.170	2.177	4.1	17.4
6 10	15 49.28	−27 40.1	1.205	2.188	8.9	17.7
6 20	15 41.04	−28 22.1	1.262	2.200	13.5	18.0
6 30	15 36.09	−28 57.8	1.340	2.212	17.4	18.3

432334 2009 UP_{130} 5 24.8 153°.26 0°.4/24.6 17

4 21	16 34.34	−20 5.3	2.351	3.196	11.4	22.2
5 1	16 27.99	−20 0.6	2.279	3.206	8.4	22.0
5 11	16 19.89	−19 52.5	2.232	3.214	5.0	21.8
5 21	16 10.71	−19 41.6	2.212	3.222	1.4	21.6
5 31	16 1.27	−19 29.3	2.222	3.230	2.4	21.6
6 10	15 52.44	−19 17.5	2.260	3.236	5.9	21.9
6 20	15 44.93	−19 8.3	2.326	3.242	9.2	22.1
6 30	15 39.29	−19 3.7	2.415	3.248	11.9	22.3

383910 2008 SK_{91} 5 24.8 269°.34 0°.9/25.2 17

4 21	16 32.59	−24 16.6	1.876	2.731	13.4	21.2
5 1	16 27.35	−24 10.2	1.790	2.720	10.1	21.0
5 11	16 19.83	−23 56.2	1.726	2.709	6.2	20.7
5 21	16 10.76	−23 34.6	1.688	2.697	2.1	20.4
5 31	16 1.17	−23 7.1	1.677	2.686	2.7	20.5
6 10	15 52.19	−22 36.6	1.693	2.675	7.0	20.7
6 20	15 44.79	−22 7.1	1.734	2.663	11.0	20.9
6 30	15 39.70	−21 42.4	1.797	2.652	14.5	21.1

278131 2007 CZ_{45} 5 24.8 222°.54 0°.2/24.7 18

4 21	16 34.53	−22 4.4	2.241	3.086	11.9	21.6
5 1	16 28.40	−21 43.0	2.148	3.074	8.8	21.4
5 11	16 20.30	−21 15.3	2.080	3.062	5.3	21.2
5 21	16 10.87	−20 42.4	2.038	3.048	1.5	20.9
5 31	16 1.01	−20 6.1	2.026	3.034	2.5	20.9
6 10	15 51.67	−19 29.6	2.043	3.019	6.4	21.1
6 20	15 43.68	−18 56.2	2.086	3.004	10.0	21.3
6 30	15 37.68	−18 29.1	2.152	2.987	13.1	21.5

346090 2007 VM_{23} 5 24.8 305°.20 0°.1/24.8 17

4 21	16 30.90	−21 49.5	1.935	2.794	12.9	21.8
5 1	16 25.92	−21 35.0	1.856	2.789	9.6	21.6
5 11	16 18.88	−21 14.8	1.800	2.785	5.8	21.4
5 21	16 10.48	−20 49.9	1.770	2.780	1.6	21.1
5 31	16 1.68	−20 22.3	1.767	2.776	2.7	21.1
6 10	15 53.51	−19 55.1	1.791	2.771	6.8	21.4
6 20	15 46.82	−19 31.6	1.840	2.767	10.6	21.6
6 30	15 42.26	−19 14.4	1.911	2.763	13.9	21.8

289965 2005 NR_{84} 5 24.8 359°.82 7°.1/23.4 17

4 21	16 31.06	− 6 3.8	1.165	2.048	17.9	19.5
5 1	16 26.89	− 5 50.9	1.106	2.045	14.0	19.3
5 11	16 19.82	− 5 50.8	1.066	2.043	9.9	19.0
5 21	16 10.79	− 6 7.8	1.047	2.043	7.3	18.9
5 31	16 1.18	− 6 44.7	1.052	2.043	8.3	18.9
6 10	15 52.51	− 7 41.0	1.078	2.045	12.0	19.1
6 20	15 46.00	− 8 53.9	1.125	2.048	16.2	19.4
6 30	15 42.47	−10 19.6	1.190	2.051	19.9	19.6

125668 2001 XL_{77} 5 24.8 94°.59 1°.0/24.4 17 R

4 21	16 33.67	−19 16.0	1.746	2.607	13.9	20.6
5 1	16 27.95	−19 1.2	1.683	2.618	10.3	20.4
5 11	16 20.05	−18 42.8	1.644	2.629	6.1	20.2
5 21	16 10.79	−18 22.2	1.630	2.640	1.8	19.9
5 31	16 1.24	−18 1.6	1.644	2.651	3.2	20.0
6 10	15 52.54	−17 44.1	1.683	2.662	7.4	20.3
6 20	15 45.55	−17 32.3	1.748	2.672	11.2	20.5
6 30	15 40.88	−17 28.2	1.834	2.682	14.5	20.8

425611 2010 UW_{96} 5 24.8 219°.50 0°.2/24.7 17

4 21	16 35.18	−21 53.2	1.954	2.804	13.1	22.5
5 1	16 29.12	−21 36.3	1.866	2.796	9.8	22.2
5 11	16 20.84	−21 13.0	1.803	2.786	5.9	22.0
5 21	16 11.05	−20 44.3	1.766	2.776	1.7	21.7
5 31	16 0.77	−20 12.2	1.757	2.766	2.8	21.7
6 10	15 51.11	−19 39.9	1.776	2.754	7.1	22.0
6 20	15 43.01	−19 11.0	1.821	2.742	11.0	22.2
6 30	15 37.17	−18 49.0	1.887	2.730	14.4	22.4

425211 2009 VA_{45} 5 24.8 126°.96 4°.0/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 38.31	−31 58.5	2.200	3.019	13.0	21.8
5 1	16 31.25	−32 35.0	2.132	3.035	10.1	21.6
5 11	16 22.01	−33 0.6	2.088	3.049	7.1	21.4
5 21	16 11.36	−33 13.0	2.071	3.064	4.5	21.3
5 31	16 0.35	−33 11.7	2.082	3.077	4.4	21.3
6 10	15 50.11	−32 58.4	2.120	3.090	6.7	21.5
6 20	15 41.53	−32 37.1	2.185	3.103	9.6	21.7
6 30	15 35.26	−32 12.4	2.274	3.115	12.3	21.9

478270 2011 VF 5 24.8 172°.18 0°.4/24.9 17

4 21	16 32.58	−21 24.1	2.554	3.398	10.6	21.5
5 1	16 26.72	−21 45.2	2.474	3.399	7.9	21.3
5 11	16 19.19	−22 3.4	2.419	3.400	4.8	21.1
5 21	16 10.57	−22 18.4	2.392	3.401	1.4	20.8
5 31	16 1.60	−22 30.3	2.394	3.402	2.1	20.9
6 10	15 53.10	−22 40.1	2.424	3.402	5.4	21.1
6 20	15 45.75	−22 49.1	2.482	3.403	8.5	21.3
6 30	15 40.12	−22 59.0	2.565	3.403	11.2	21.5

273853 2007 GL_{47} 5 24.8 76°.15 2°.7/23.3 17

4 21	16 31.79	−17 43.0	1.707	2.574	13.9	20.4
5 1	16 26.50	−16 33.6	1.647	2.585	10.3	20.2
5 11	16 19.14	−15 19.7	1.611	2.596	6.2	20.0
5 21	16 10.54	−14 5.8	1.601	2.607	2.9	19.8
5 31	16 1.75	−12 57.1	1.617	2.619	4.4	19.9
6 10	15 53.84	−11 58.8	1.660	2.630	8.3	20.2
6 20	15 47.61	−11 14.4	1.728	2.641	12.0	20.4
6 30	15 43.62	−10 45.6	1.816	2.652	15.2	20.7

262186 2006 SY_{141} 5 24.8 304°.98 0°.2/24.8 17

4 21	16 34.00	−20 12.1	1.377	2.250	16.3	20.6
5 1	16 29.26	−20 33.2	1.291	2.231	12.3	20.3
5 11	16 21.45	−20 52.1	1.225	2.212	7.5	20.0
5 21	16 11.35	−21 8.1	1.183	2.193	2.2	19.6
5 31	16 0.25	−21 21.1	1.166	2.175	3.5	19.7
6 10	15 49.75	−21 32.7	1.173	2.157	9.0	19.9
6 20	15 41.25	−21 45.4	1.203	2.140	14.1	20.2
6 30	15 35.82	−22 2.1	1.252	2.123	18.5	20.4

200261 1999 XR 5 24.8 136°.89 2°.4/23.8 18

4 21	16 32.21	−14 26.3	2.121	2.977	12.0	20.3
5 1	16 26.57	−14 11.9	2.052	2.983	8.9	20.1
5 11	16 19.13	−13 58.2	2.007	2.989	5.5	19.9
5 21	16 10.55	−13 46.8	1.989	2.995	2.6	19.8
5 31	16 1.70	−13 39.5	1.999	3.001	3.7	19.8
6 10	15 53.46	−13 38.1	2.036	3.006	7.0	20.1
6 20	15 46.58	−13 43.8	2.099	3.011	10.3	20.3
6 30	15 41.61	−13 57.3	2.185	3.015	13.1	20.5

512591 2016 SA_{49} 5 24.8 284°.30 4°.7/23.1 18

4 21	16 31.45	− 6 39.9	2.207	3.056	11.9	20.3
5 1	16 26.07	− 6 32.5	2.123	3.044	9.2	20.1
5 11	16 18.90	− 6 32.0	2.063	3.032	6.5	19.9
5 21	16 10.52	− 6 40.4	2.029	3.020	4.7	19.7
5 31	16 1.71	− 6 59.4	2.023	3.008	5.5	19.8
6 10	15 53.36	− 7 29.8	2.044	2.996	8.1	19.9
6 20	15 46.20	− 8 11.0	2.090	2.984	11.1	20.1
6 30	15 40.85	− 9 2.2	2.159	2.972	13.8	20.2

153871 2001 XQ_{88} 5 24.8 254°.45 1°.9/23.9 18

4 21	16 32.99	−16 58.2	1.942	2.800	12.9	20.3
5 1	16 27.53	−16 34.6	1.851	2.784	9.6	20.1
5 11	16 19.93	−16 8.5	1.784	2.768	5.9	19.8
5 21	16 10.83	−15 41.8	1.743	2.751	2.3	19.6
5 31	16 1.20	−15 17.0	1.730	2.734	3.7	19.6
6 10	15 52.08	−14 57.1	1.744	2.717	7.6	19.8
6 20	15 44.39	−14 44.7	1.783	2.699	11.5	20.0
6 30	15 38.86	−14 41.8	1.844	2.681	14.9	20.2

294035 2007 TY_{129} 5 24.8 168°.76 2°.3/23.8 17

4 21	16 34.30	−17 53.9	1.642	2.507	14.5	21.1
5 1	16 28.58	−17 7.1	1.573	2.509	10.8	20.9
5 11	16 20.52	−16 15.9	1.526	2.511	6.5	20.6
5 21	16 10.97	−15 23.4	1.505	2.513	2.7	20.4
5 31	16 1.06	−14 33.9	1.510	2.514	4.2	20.5
6 10	15 51.99	−13 52.0	1.542	2.515	8.4	20.7
6 20	15 44.71	−13 21.3	1.598	2.516	12.5	21.0
6 30	15 39.89	−13 4.0	1.675	2.516	16.0	21.2

20628 1999 TS_{40} 5 24.8 175°.59 1°.7/23.4 18 R

4 21	16 25.12	−13 37.7	4.020	4.866	7.0	19.6
5 1	16 20.68	−13 17.4	3.942	4.868	5.2	19.4
5 11	16 15.35	−12 57.5	3.890	4.869	3.3	19.3
5 21	16 9.47	−12 39.2	3.867	4.870	1.8	19.2
5 31	16 3.46	−12 23.6	3.874	4.871	2.4	19.2
6 10	15 57.73	−12 11.9	3.910	4.871	4.3	19.4
6 20	15 52.64	−12 5.0	3.974	4.872	6.2	19.5
6 30	15 48.51	−12 3.4	4.062	4.872	7.9	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
32009 2000 HN_{54}			5 24.8 303°.79		0°.2/24.8 18	
	h m	° ′			°	m
4 21	16 33.77	−19 26.4	1.526	2.394	15.2	17.9
5 1	16 28.78	−19 45.8	1.439	2.377	11.4	17.6
5 11	16 21.01	−20 3.8	1.374	2.360	6.9	17.3
5 21	16 11.21	−20 19.9	1.333	2.343	2.0	16.9
5 31	16 0.56	−20 34.2	1.317	2.326	3.3	17.0
6 10	15 50.47	−20 48.1	1.328	2.310	8.4	17.2
6 20	15 42.20	−21 3.7	1.361	2.294	13.1	17.4
6 30	15 36.70	−21 23.3	1.415	2.279	17.2	17.7
11705 1998 GN_{7}			5 24.8 267°.97		7°.4/21.4 18	R
4 21	16 31.72	− 2 5.1	1.961	2.808	13.3	16.7
5 1	16 26.48	− 1 16.3	1.878	2.789	10.8	16.5
5 11	16 19.25	− 0 36.2	1.817	2.771	8.5	16.3
5 21	16 10.64	− 0 9.6	1.781	2.752	7.4	16.2
5 31	16 1.54	− 0 0.5	1.771	2.733	8.4	16.2
6 10	15 52.91	− 0 11.1	1.786	2.713	10.8	16.3
6 20	15 45.60	− 0 41.1	1.825	2.693	13.7	16.4
6 30	15 40.28	− 1 28.8	1.883	2.673	16.4	16.6
508803 2000 SO_{125}			5 24.8 264°.33		0°.7/24.5 18	
4 21	16 34.63	−19 38.2	2.203	3.051	11.9	21.7
5 1	16 28.69	−19 29.2	2.094	3.022	8.9	21.4
5 11	16 20.64	−19 16.6	2.010	2.993	5.4	21.1
5 21	16 11.06	−19 0.8	1.953	2.963	1.6	20.8
5 31	16 0.81	−18 43.4	1.925	2.933	2.8	20.9
6 10	15 50.90	−18 26.5	1.926	2.901	6.8	21.0
6 20	15 42.24	−18 12.9	1.952	2.869	10.6	21.2
6 30	15 35.59	−18 5.2	2.002	2.836	14.0	21.4
185404 2006 WJ_{120}			5 24.8 28°.10		1°.8/23.9 17	
4 21	16 31.69	−20 58.6	1.443	2.316	15.6	19.6
5 1	16 26.90	−19 51.9	1.378	2.319	11.5	19.3
5 11	16 19.59	−18 36.1	1.335	2.322	6.9	19.1
5 21	16 10.72	−17 15.3	1.316	2.326	2.3	18.8
5 31	16 1.52	−15 55.9	1.324	2.330	4.1	18.9
6 10	15 53.30	−14 44.8	1.357	2.334	8.8	19.2
6 20	15 47.04	−13 47.3	1.412	2.339	13.2	19.5
6 30	15 43.40	−13 6.7	1.488	2.343	16.9	19.7
414172 2008 AR_{102}			5 24.8 109°.39		2°.2/25.7 17	
4 21	16 37.24	−27 3.8	1.701	2.548	14.9	21.9
5 1	16 30.76	−27 10.3	1.639	2.563	11.3	21.7
5 11	16 21.82	−27 6.5	1.600	2.578	7.1	21.5
5 21	16 11.33	−26 51.8	1.586	2.592	3.1	21.3
5 31	16 0.55	−26 27.3	1.599	2.606	3.3	21.3
6 10	15 50.75	−25 56.7	1.639	2.620	7.3	21.6
6 20	15 42.93	−25 24.6	1.703	2.633	11.1	21.9
6 30	15 37.74	−24 55.6	1.790	2.645	14.5	22.1
390 Alma			5 24.8 94°.23		6°.0/28.1 18	R
4 21	16 37.21	−38 24.9	1.871	2.681	15.3	14.7
5 1	16 30.82	−38 37.4	1.806	2.695	12.4	14.6
5 11	16 21.87	−38 31.4	1.762	2.708	9.3	14.4
5 21	16 11.35	−38 4.4	1.742	2.722	6.7	14.3
5 31	16 0.56	−37 17.2	1.749	2.735	6.2	14.3
6 10	15 50.83	−36 14.1	1.781	2.748	8.0	14.4
6 20	15 43.17	−35 1.8	1.838	2.761	10.9	14.6
6 30	15 38.23	−33 47.9	1.918	2.773	13.7	14.8
76092 2000 DV_{95}			5 24.8 201°.42		3°.1/23.4 18	
4 21	16 31.25	−12 55.0	2.151	3.008	11.9	19.9
5 1	16 25.90	−12 29.9	2.076	3.006	8.9	19.7
5 11	16 18.77	−12 6.0	2.024	3.004	5.7	19.5
5 21	16 10.49	−11 45.6	1.999	3.002	3.2	19.3
5 31	16 1.89	−11 30.9	2.002	3.000	4.3	19.4
6 10	15 53.84	−11 24.2	2.032	2.997	7.4	19.6
6 20	15 47.08	−11 26.6	2.088	2.994	10.6	19.7
6 30	15 42.17	−11 38.8	2.166	2.991	13.4	19.9
433156 2012 TV_{244}			5 24.8 274°.12		3°.2/23.4 18	
4 21	16 31.07	−13 45.6	1.899	2.762	12.9	21.7
5 1	16 26.08	−13 13.0	1.815	2.750	9.7	21.4
5 11	16 19.03	−12 40.5	1.755	2.738	6.2	21.2
5 21	16 10.60	−12 10.7	1.721	2.725	3.4	21.0
5 31	16 1.70	−11 46.9	1.714	2.713	4.6	21.0
6 10	15 53.35	−11 31.9	1.733	2.701	8.2	21.2
6 20	15 46.42	−11 27.6	1.777	2.688	11.8	21.4
6 30	15 41.57	−11 35.0	1.842	2.676	15.1	21.6
122511 2000 QP_{200}			5 24.8 255°.98		2°.5/23.7 18	
4 21	16 32.95	−15 4.9	1.993	2.851	12.6	20.8
5 1	16 27.47	−14 41.6	1.901	2.833	9.5	20.6
5 11	16 19.88	−14 17.5	1.833	2.816	5.9	20.3
5 21	16 10.85	−13 54.6	1.791	2.798	2.8	20.1
5 31	16 1.27	−13 35.5	1.777	2.779	4.0	20.1
6 10	15 52.17	−13 22.8	1.790	2.760	7.8	20.3
6 20	15 44.45	−13 18.5	1.829	2.741	11.5	20.5
6 30	15 38.80	−13 24.2	1.889	2.721	14.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
430566 2002 PK_{162}			5 24.8 338°.98		6°.5/22.3 17	
	h m	° ′			°	m
4 21	16 28.04	− 7 43.7	1.453	2.331	15.3	20.3
5 1	16 24.29	− 6 57.4	1.382	2.318	11.9	20.0
5 11	16 18.15	− 6 17.3	1.331	2.307	8.5	19.8
5 21	16 10.38	− 5 48.7	1.303	2.296	6.6	19.7
5 31	16 2.07	− 5 36.4	1.300	2.286	7.8	19.7
6 10	15 54.43	− 5 43.0	1.319	2.277	11.2	19.9
6 20	15 48.49	− 6 8.9	1.360	2.269	14.9	20.1
6 30	15 45.00	− 6 52.6	1.420	2.262	18.3	20.3
496936 2001 VO_{74}			5 24.8 224°.04		1°.7/25.3 17	
4 21	16 37.07	−24 20.1	2.067	2.909	12.9	22.1
5 1	16 30.59	−24 50.8	1.978	2.900	9.7	21.8
5 11	16 21.81	−25 16.6	1.913	2.891	6.1	21.6
5 21	16 11.41	−25 35.9	1.874	2.881	2.5	21.3
5 31	16 0.37	−25 47.8	1.864	2.871	2.9	21.3
6 10	15 49.85	−25 53.7	1.882	2.860	6.7	21.6
6 20	15 40.83	−25 55.6	1.926	2.848	10.4	21.8
6 30	15 34.09	−25 57.0	1.993	2.837	13.7	21.9
189020 1998 YU_{3}			5 24.8 59°.61		4°.0/23.8 18	
4 21	16 34.87	−11 25.3	1.457	2.326	15.7	18.4
5 1	16 29.02	−11 17.2	1.408	2.345	11.8	18.2
5 11	16 20.76	−11 14.0	1.381	2.363	7.5	18.0
5 21	16 11.05	−11 17.9	1.378	2.382	4.2	17.9
5 31	16 1.10	−11 30.7	1.401	2.401	5.4	18.0
6 10	15 52.18	−11 53.2	1.449	2.419	9.2	18.2
6 20	15 45.23	−12 25.4	1.521	2.439	13.0	18.5
6 30	15 40.86	−13 6.5	1.612	2.458	16.3	18.8
76951 2001 BV_{27}			5 24.8 2°.31		5°.8/27.2 17	
4 21	16 28.98	−33 32.2	1.065	1.939	19.9	18.1
5 1	16 26.09	−33 40.1	1.004	1.936	15.8	17.8
5 11	16 19.67	−33 25.4	0.960	1.935	11.1	17.5
5 21	16 10.84	−32 45.5	0.937	1.936	6.9	17.3
5 31	16 1.38	−31 42.1	0.935	1.938	6.2	17.3
6 10	15 53.20	−30 23.1	0.954	1.941	10.0	17.5
6 20	15 47.75	−28 58.9	0.994	1.946	14.7	17.8
6 30	15 45.85	−27 39.8	1.052	1.953	19.0	18.0
364158 2006 HE_{40}			5 24.8 161°.40		1°.8/24.3 17	
4 21	16 36.57	−16 30.2	1.586	2.449	15.0	21.2
5 1	16 30.42	−16 28.4	1.517	2.452	11.2	20.9
5 11	16 21.73	−16 26.1	1.470	2.455	6.8	20.7
5 21	16 11.37	−16 24.4	1.449	2.458	2.5	20.4
5 31	16 0.52	−16 24.9	1.454	2.460	3.8	20.5
6 10	15 50.51	−16 29.6	1.485	2.462	8.3	20.8
6 20	15 42.38	−16 40.3	1.541	2.463	12.6	21.0
6 30	15 36.88	−16 58.4	1.617	2.464	16.2	21.3
23255 2000 YD_{17}			5 24.8 218°.34		12°.2/16.3 18	
4 21	16 31.98	+17 11.7	2.353	3.113	13.9	18.8
5 1	16 26.31	+18 30.3	2.296	3.105	12.9	18.7
5 11	16 18.96	+19 29.0	2.261	3.096	12.3	18.7
5 21	16 10.55	+20 2.5	2.247	3.087	12.3	18.6
5 31	16 1.84	+20 7.1	2.254	3.078	12.9	18.7
6 10	15 53.67	+19 42.4	2.283	3.067	14.0	18.7
6 20	15 46.71	+18 50.5	2.331	3.057	15.3	18.8
6 30	15 41.51	+17 35.4	2.395	3.045	16.6	18.9
417804 2007 EU_{167}			5 24.8 79°.76		2°.5/25.9 17	
4 21	16 36.14	−28 9.3	1.691	2.538	15.0	21.4
5 1	16 29.89	−28 10.3	1.636	2.559	11.3	21.2
5 11	16 21.25	−27 59.8	1.603	2.580	7.3	21.0
5 21	16 11.19	−27 37.6	1.595	2.600	3.4	20.8
5 31	16 0.92	−27 5.3	1.614	2.621	3.4	20.9
6 10	15 51.71	−26 27.0	1.660	2.641	7.1	21.1
6 20	15 44.47	−25 47.7	1.730	2.661	10.9	21.4
6 30	15 39.81	−25 12.1	1.823	2.681	14.2	21.6
512616 2016 TQ_{25}			5 24.8 210°.01		1°.0/24.1 17	
4 21	16 29.05	−19 46.8	2.571	3.422	10.3	21.8
5 1	16 24.06	−19 7.1	2.489	3.420	7.6	21.6
5 11	16 17.57	−18 23.2	2.433	3.417	4.5	21.4
5 21	16 10.16	−17 36.8	2.404	3.413	1.5	21.2
5 31	16 2.50	−16 50.6	2.404	3.410	2.6	21.2
6 10	15 55.34	−16 7.6	2.433	3.407	5.7	21.5
6 20	15 49.27	−15 30.4	2.489	3.403	8.7	21.6
6 30	15 44.79	−15 1.3	2.568	3.399	11.4	21.8
333569 2006 BY_{154}			5 24.8 244°.06		6°.6/21.7 18	
4 21	16 31.50	− 3 59.1	2.022	2.871	12.8	20.8
5 1	16 26.21	− 3 11.5	1.944	2.860	10.2	20.6
5 11	16 19.03	− 2 31.2	1.890	2.850	7.8	20.4
5 21	16 10.60	− 2 2.5	1.862	2.839	6.6	20.3
5 31	16 1.77	− 1 49.0	1.859	2.828	7.5	20.3
6 10	15 53.46	− 1 52.7	1.883	2.816	10.0	20.5
6 20	15 46.47	− 2 13.7	1.930	2.804	12.8	20.6
6 30	15 41.41	− 2 50.7	1.998	2.792	15.4	20.8

281029 2006 GU_{14} 5 24.8 274°.62 6°.2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.64	− 7 27.8	1.892	2.754	13.0	20.3
5 1	16 24.89	− 6 9.5	1.821	2.748	10.2	20.2
5 11	16 18.24	− 4 54.7	1.774	2.742	7.5	20.0
5 21	16 10.37	− 3 48.8	1.752	2.737	6.2	19.9
5 31	16 2.17	− 2 57.2	1.757	2.731	7.4	19.9
6 10	15 54.58	− 2 23.4	1.787	2.725	10.1	20.1
6 20	15 48.37	− 2 9.0	1.841	2.719	13.1	20.3
6 30	15 44.15	− 2 13.4	1.914	2.714	15.8	20.4

143371 2003 BN_{10} 5 24.8 174°.65 3°.8/23.0 18

4 21	16 30.57	− 9 20.2	2.406	3.257	11.0	20.1
5 1	16 25.21	− 8 59.5	2.334	3.258	8.3	19.9
5 11	16 18.28	− 8 42.6	2.285	3.259	5.6	19.7
5 21	16 10.37	− 8 31.6	2.264	3.260	3.8	19.6
5 31	16 2.20	− 8 28.5	2.271	3.260	4.7	19.7
6 10	15 54.52	− 8 34.6	2.306	3.261	7.2	19.8
6 20	15 47.98	− 8 50.3	2.366	3.261	10.0	20.0
6 30	15 43.08	− 9 15.4	2.449	3.261	12.4	20.2

270450 2002 CO_{178} 5 24.8 220°.56 1°.9/25.7 17

4 21	16 34.89	−26 55.0	2.183	3.020	12.4	21.3
5 1	16 28.84	−26 58.5	2.093	3.012	9.4	21.1
5 11	16 20.67	−26 53.6	2.026	3.003	6.0	20.9
5 21	16 11.09	−26 39.7	1.987	2.993	2.6	20.7
5 31	16 1.02	−26 17.5	1.976	2.982	2.8	20.6
6 10	15 51.51	−25 49.5	1.993	2.972	6.3	20.8
6 20	15 43.45	−25 19.1	2.036	2.960	9.9	21.0
6 30	15 37.51	−24 50.5	2.102	2.948	13.0	21.2

63683 2001 QJ_{150} 5 24.8 136°.76 2°.3/23.5 18

4 21	16 30.55	−12 58.7	2.921	3.766	9.4	20.2
5 1	16 24.88	−12 38.8	2.856	3.781	7.0	20.1
5 11	16 17.94	−12 20.1	2.816	3.794	4.4	19.9
5 21	16 10.26	−12 3.9	2.805	3.808	2.4	19.8
5 31	16 2.43	−11 51.8	2.824	3.820	3.2	19.9
6 10	15 55.07	−11 45.1	2.871	3.832	5.6	20.1
6 20	15 48.70	−11 44.9	2.946	3.844	8.1	20.2
6 30	15 43.74	−11 51.6	3.044	3.855	10.3	20.4

199038 2005 WC_{151} 5 24.8 97°.91 0°.1/24.8 18

4 21	16 38.40	−20 39.3	1.384	2.249	16.7	20.7
5 1	16 32.01	−20 51.0	1.326	2.263	12.4	20.4
5 11	16 22.76	−20 58.2	1.290	2.276	7.4	20.2
5 21	16 11.67	−21 0.6	1.279	2.289	2.1	19.9
5 31	16 0.19	−20 59.3	1.293	2.302	3.3	20.0
6 10	15 49.83	−20 56.9	1.332	2.314	8.4	20.3
6 20	15 41.72	−20 56.5	1.395	2.327	13.0	20.6
6 30	15 36.62	−21 1.2	1.479	2.339	16.8	20.9

288808 2004 RV_{167} 5 24.8 274°.00 3°.9/23.3 18

4 21	16 31.44	− 7 50.8	2.471	3.316	10.9	20.6
5 1	16 25.96	− 7 48.8	2.380	3.301	8.4	20.5
5 11	16 18.82	− 7 52.2	2.313	3.285	5.8	20.3
5 21	16 10.56	− 8 2.9	2.274	3.268	4.0	20.1
5 31	16 1.88	− 8 22.0	2.263	3.252	4.7	20.1
6 10	15 53.57	− 8 50.4	2.281	3.236	7.3	20.3
6 20	15 46.32	− 9 27.7	2.324	3.219	10.1	20.4
6 30	15 40.70	−10 13.4	2.391	3.203	12.7	20.6

392575 2011 SG_{128} 5 24.8 67°.50 2°.4/25.8 14 C

4 21	16 32.89	−27 10.2	2.233	3.073	12.1	21.4
5 1	16 27.28	−27 36.8	2.155	3.074	9.2	21.2
5 11	16 19.70	−27 56.4	2.101	3.076	6.0	21.0
5 21	16 10.81	−28 7.6	2.074	3.078	3.0	20.8
5 31	16 1.51	−28 10.4	2.075	3.080	3.1	20.8
6 10	15 52.78	−28 6.2	2.103	3.081	6.1	21.0
6 20	15 45.45	−27 57.7	2.158	3.083	9.3	21.2
6 30	15 40.14	−27 48.1	2.235	3.085	12.2	21.4

354116 2002 AA_{101} 5 24.8 159°.59 2°.1/26.2 17

4 21	16 31.68	−29 22.5	2.760	3.587	10.4	22.2
5 1	16 25.98	−29 16.1	2.681	3.592	7.9	22.1
5 11	16 18.72	−29 1.1	2.626	3.597	5.2	21.9
5 21	16 10.51	−28 37.4	2.599	3.601	2.6	21.7
5 31	16 2.06	−28 6.1	2.601	3.605	2.6	21.7
6 10	15 54.16	−27 29.6	2.632	3.609	5.1	21.9
6 20	15 47.43	−26 51.0	2.690	3.613	7.8	22.1
6 30	15 42.36	−26 13.6	2.773	3.616	10.3	22.3

90272 2003 CM_{16} 5 24.8 38°.00 5°.9/22.2 18

4 21	16 29.60	− 4 44.7	2.080	2.933	12.4	19.5
5 1	16 24.66	− 4 8.9	2.016	2.936	9.7	19.3
5 11	16 18.02	− 3 40.6	1.976	2.939	7.2	19.1
5 21	16 10.32	− 3 23.3	1.961	2.943	5.9	19.1
5 31	16 2.36	− 3 19.7	1.973	2.946	6.7	19.1
6 10	15 54.99	− 3 31.1	2.010	2.950	9.1	19.3
6 20	15 48.89	− 3 57.0	2.071	2.954	11.7	19.4
6 30	15 44.61	− 4 36.1	2.154	2.958	14.2	19.6

79958 1999 CO_{112} 5 24.8 2°.03 2°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.42	−29 52.8	1.914	2.758	13.6	18.6
5 1	16 26.42	−29 35.9	1.837	2.757	10.4	18.4
5 11	16 19.25	−29 6.4	1.783	2.757	6.8	18.2
5 21	16 10.69	−28 24.3	1.754	2.757	3.4	18.0
5 31	16 1.79	−27 31.6	1.752	2.758	3.3	17.9
6 10	15 53.65	−26 32.8	1.776	2.758	6.7	18.2
6 20	15 47.16	−25 33.1	1.827	2.759	10.3	18.4
6 30	15 42.93	−24 37.6	1.899	2.760	13.6	18.6

176599 2002 CZ_{294} 5 24.8 96°.83 5°.2/27.7 18

4 21	16 34.88	−37 44.4	2.421	3.222	12.5	20.5
5 1	16 28.70	−38 12.0	2.353	3.236	10.1	20.4
5 11	16 20.50	−38 26.0	2.308	3.250	7.7	20.2
5 21	16 11.03	−38 24.1	2.288	3.263	5.7	20.1
5 31	16 1.27	−38 6.1	2.296	3.277	5.3	20.1
6 10	15 52.24	−37 34.5	2.330	3.290	6.8	20.2
6 20	15 44.76	−36 53.4	2.390	3.303	9.1	20.4
6 30	15 39.42	−36 7.7	2.474	3.316	11.4	20.6

36008 1999 NH_{32} 5 24.8 317°.94 4°.4/23.2 17

4 21	16 30.21	−12 4.0	1.524	2.398	14.9	18.8
5 1	16 25.93	−11 32.0	1.443	2.383	11.3	18.6
5 11	16 19.19	−11 2.1	1.385	2.368	7.4	18.3
5 21	16 10.74	−10 38.0	1.351	2.353	4.5	18.1
5 31	16 1.66	−10 23.4	1.341	2.339	5.9	18.1
6 10	15 53.21	−10 21.6	1.356	2.325	9.8	18.3
6 20	15 46.44	−10 33.8	1.393	2.312	13.9	18.5
6 30	15 42.16	−11 0.4	1.450	2.299	17.6	18.7

304607 2006 VG_{83} 5 24.8 274°.97 0°.6/25.1 16

4 21	16 30.98	−23 24.7	2.196	3.046	11.9	21.5
5 1	16 25.83	−23 21.6	2.115	3.044	8.9	21.3
5 11	16 18.81	−23 12.8	2.059	3.041	5.4	21.1
5 21	16 10.58	−22 58.5	2.029	3.038	1.7	20.9
5 31	16 1.98	−22 40.1	2.027	3.036	2.4	20.9
6 10	15 53.94	−22 19.8	2.053	3.033	6.0	21.1
6 20	15 47.24	−22 0.5	2.104	3.031	9.5	21.3
6 30	15 42.47	−21 44.9	2.179	3.028	12.5	21.5

169580 2002 GT_{20} 5 24.8 32°.06 2°.6/25.7 17

4 21	16 34.40	−26 20.7	1.243	2.114	17.8	19.8
5 1	16 29.51	−26 35.6	1.183	2.120	13.5	19.6
5 11	16 21.48	−26 39.4	1.144	2.127	8.6	19.3
5 21	16 11.37	−26 30.6	1.127	2.134	3.7	19.1
5 31	16 0.75	−26 10.3	1.134	2.142	4.0	19.1
6 10	15 51.28	−25 42.9	1.165	2.150	8.8	19.4
6 20	15 44.23	−25 14.0	1.217	2.159	13.5	19.7
6 30	15 40.40	−24 49.2	1.290	2.169	17.6	20.0

424073 2007 DY_{18} 5 24.8 62°.83 8°.1/28.3 17

4 21	16 38.14	−40 17.3	1.650	2.460	17.0	21.1
5 1	16 32.12	−41 5.3	1.585	2.469	14.1	21.0
5 11	16 22.99	−41 33.3	1.540	2.477	11.1	20.8
5 21	16 11.80	−41 36.5	1.518	2.486	8.7	20.7
5 31	16 0.06	−41 13.2	1.520	2.495	8.2	20.7
6 10	15 49.44	−40 27.0	1.546	2.504	9.8	20.8
6 20	15 41.21	−39 25.2	1.596	2.513	12.5	21.0
6 30	15 36.18	−38 16.5	1.666	2.522	15.4	21.2

382442 1999 VV_{214} 5 24.8 237°.50 0°.9/24.5 18

4 21	16 33.05	−18 18.8	1.984	2.841	12.7	20.8
5 1	16 27.52	−18 20.0	1.904	2.836	9.4	20.6
5 11	16 19.90	−18 19.4	1.847	2.831	5.7	20.3
5 21	16 10.91	−18 17.6	1.817	2.826	1.7	20.1
5 31	16 1.46	−18 15.8	1.814	2.821	2.9	20.1
6 10	15 52.58	−18 15.9	1.839	2.816	6.9	20.4
6 20	15 45.16	−18 19.7	1.889	2.811	10.6	20.6
6 30	15 39.84	−18 28.8	1.961	2.805	13.9	20.8

268407 2005 UX_{239} 5 24.8 87°.69 3°.2/23.5 17

4 21	16 33.67	−13 55.1	1.768	2.630	13.8	20.9
5 1	16 27.82	−13 23.3	1.715	2.648	10.2	20.7
5 11	16 19.94	−12 52.5	1.685	2.667	6.4	20.6
5 21	16 10.87	−12 25.3	1.681	2.685	3.4	20.4
5 31	16 1.63	−12 4.7	1.704	2.703	4.6	20.5
6 10	15 53.25	−11 53.2	1.753	2.721	8.1	20.8
6 20	15 46.54	−11 52.2	1.827	2.739	11.5	21.0
6 30	15 42.03	−12 2.0	1.923	2.756	14.5	21.2

273842 2007 GC_{41} 5 24.8 359°.78 1°.6/25.3 17

4 21	16 31.74	−23 53.1	1.388	2.261	16.2	20.4
5 1	16 27.36	−24 14.2	1.320	2.259	12.2	20.1
5 11	16 20.16	−24 28.3	1.272	2.257	7.6	19.8
5 21	16 11.03	−24 34.5	1.248	2.257	2.8	19.5
5 31	16 1.29	−24 33.1	1.248	2.257	3.4	19.6
6 10	15 52.42	−24 26.7	1.273	2.258	8.2	19.9
6 20	15 45.61	−24 18.9	1.320	2.260	12.8	20.1
6 30	15 41.69	−24 13.9	1.387	2.263	16.7	20.4

497082 2003 WS_{59} 5 24.8 242°.87 0°.8/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 35.43	−19 54.4	1.794	2.651	13.8	22.2
5 1	16 29.60	−19 41.3	1.704	2.637	10.3	21.9
5 11	16 21.33	−19 23.7	1.637	2.622	6.3	21.6
5 21	16 11.35	−19 2.3	1.596	2.606	1.8	21.3
5 31	16 0.74	−18 39.3	1.583	2.591	3.2	21.4
6 10	15 50.71	−18 17.6	1.596	2.574	7.7	21.6
6 20	15 42.31	−18 0.6	1.634	2.557	12.0	21.8
6 30	15 36.33	−17 51.3	1.694	2.539	15.7	22.0

403805 2011 UC_{57} 5 24.8 228°.24 1°.1/25.2 16

4 21	16 38.34	−23 12.2	1.660	2.512	15.0	22.0
5 1	16 32.02	−23 26.2	1.574	2.502	11.3	21.8
5 11	16 22.91	−23 34.3	1.510	2.492	7.0	21.5
5 21	16 11.83	−23 35.2	1.471	2.480	2.3	21.2
5 31	15 59.98	−23 29.3	1.460	2.468	3.1	21.2
6 10	15 48.80	−23 18.8	1.475	2.456	7.9	21.5
6 20	15 39.50	−23 7.3	1.515	2.442	12.4	21.7
6 30	15 32.96	−22 58.9	1.576	2.429	16.3	21.9

453043 2007 TQ_{45} 5 24.8 219°.13 0°.3/24.6 17

4 21	16 26.10	−20 26.1	3.863	4.704	7.4	23.0
5 1	16 21.53	−20 11.7	3.771	4.696	5.4	22.9
5 11	16 15.96	−19 54.8	3.706	4.688	3.2	22.7
5 21	16 9.76	−19 36.1	3.669	4.679	0.9	22.5
5 31	16 3.36	−19 16.6	3.663	4.670	1.6	22.6
6 10	15 57.24	−18 57.6	3.686	4.661	3.9	22.7
6 20	15 51.82	−18 40.7	3.737	4.651	6.1	22.9
6 30	15 47.43	−18 27.0	3.814	4.642	8.0	23.0

190066 2004 RV_{322} 5 24.8 310°.78 1°.4/24.1 18

4 21	16 30.95	−20 53.0	1.651	2.519	14.3	19.9
5 1	16 26.27	−19 59.6	1.573	2.511	10.6	19.7
5 11	16 19.27	−18 57.9	1.518	2.504	6.4	19.4
5 21	16 10.75	−17 51.0	1.488	2.497	2.0	19.1
5 31	16 1.81	−16 43.6	1.484	2.491	3.6	19.2
6 10	15 53.61	−15 41.5	1.506	2.484	8.1	19.4
6 20	15 47.12	−14 49.6	1.553	2.478	12.3	19.7
6 30	15 43.02	−14 11.4	1.620	2.472	15.9	19.9

93017 2000 RK_{92} 5 24.8 267°.72 8°.0/27.5 18

4 21	16 38.99	−40 27.1	1.947	2.744	15.2	19.8
5 1	16 32.82	−41 27.6	1.853	2.727	12.8	19.6
5 11	16 23.59	−42 12.5	1.780	2.710	10.3	19.4
5 21	16 12.08	−42 36.3	1.730	2.692	8.4	19.2
5 31	15 59.57	−42 35.4	1.706	2.674	8.1	19.2
6 10	15 47.64	−42 10.6	1.707	2.656	9.7	19.2
6 20	15 37.70	−41 26.9	1.732	2.637	12.4	19.3
6 30	15 30.76	−40 32.0	1.778	2.619	15.2	19.5

163125 2002 BN_{29} 5 24.8 216°.73 2°.1/25.5 18

4 21	16 38.21	−25 16.9	1.640	2.490	15.2	19.9
5 1	16 31.95	−25 42.8	1.559	2.485	11.6	19.6
5 11	16 22.87	−26 1.4	1.500	2.480	7.3	19.4
5 21	16 11.82	−26 10.7	1.467	2.474	3.1	19.1
5 31	16 0.06	−26 10.3	1.460	2.467	3.5	19.1
6 10	15 49.03	−26 2.3	1.479	2.460	7.9	19.4
6 20	15 39.95	−25 50.4	1.524	2.453	12.2	19.6
6 30	15 33.70	−25 39.3	1.589	2.445	16.0	19.8

6230 Fram 5 24.8 227°.89 1°.2/25.4 18

4 21	16 32.51	−25 25.8	2.119	2.965	12.4	18.1
5 1	16 27.06	−25 16.4	2.035	2.960	9.3	17.9
5 11	16 19.61	−24 59.1	1.975	2.954	5.8	17.7
5 21	16 10.84	−24 34.0	1.941	2.949	2.1	17.4
5 31	16 1.67	−24 2.6	1.935	2.943	2.5	17.5
6 10	15 53.10	−23 28.0	1.956	2.937	6.3	17.7
6 20	15 45.97	−22 53.7	2.004	2.931	9.9	17.9
6 30	15 40.90	−22 23.4	2.074	2.924	13.0	18.1

435263 2007 TN_{199} 5 24.8 185°.12 0°.1/24.9 17

4 21	16 31.72	−22 9.5	2.186	3.037	11.9	21.9
5 1	16 26.34	−21 55.6	2.108	3.037	8.8	21.7
5 11	16 19.11	−21 36.3	2.053	3.037	5.3	21.5
5 21	16 10.69	−21 12.5	2.026	3.036	1.5	21.2
5 31	16 1.95	−20 45.9	2.027	3.036	2.4	21.3
6 10	15 53.80	−20 19.2	2.056	3.035	6.2	21.6
6 20	15 47.00	−19 55.4	2.110	3.034	9.6	21.8
6 30	15 42.13	−19 37.0	2.188	3.033	12.6	22.0

497638 2006 RA_{5} 5 24.8 267°.41 0°.9/25.2 18

4 21	16 35.53	−24 58.6	1.778	2.629	14.2	21.6
5 1	16 29.89	−24 40.0	1.676	2.604	10.8	21.3
5 11	16 21.64	−24 11.2	1.597	2.579	6.7	21.0
5 21	16 11.50	−23 32.1	1.543	2.552	2.2	20.6
5 31	16 0.57	−22 44.7	1.516	2.525	3.0	20.6
6 10	15 50.16	−21 53.2	1.517	2.498	7.7	20.8
6 20	15 41.43	−21 3.0	1.542	2.470	12.2	21.0
6 30	15 35.25	−20 19.3	1.589	2.441	16.2	21.2

38859 2000 SL_{92} 5 24.8 164°.58 1°.0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.15	−20 35.2	2.198	3.048	11.9	19.8
5 1	16 27.26	−19 50.4	2.123	3.053	8.8	19.6
5 11	16 19.59	−18 59.8	2.074	3.057	5.2	19.3
5 21	16 10.81	−18 5.7	2.051	3.061	1.6	19.1
5 31	16 1.80	−17 11.5	2.058	3.064	2.8	19.2
6 10	15 53.46	−16 20.8	2.093	3.067	6.5	19.4
6 20	15 46.50	−15 37.1	2.155	3.069	9.9	19.6
6 30	15 41.47	−15 3.1	2.239	3.071	12.8	19.8

27010 1998 FR_{13} 5 24.9 240°.70 2°.6/25.9 18

4 21	16 33.53	−28 11.2	2.373	3.206	11.7	18.1
5 1	16 27.78	−28 36.7	2.284	3.198	9.0	17.9
5 11	16 20.06	−28 55.0	2.218	3.190	5.9	17.7
5 21	16 10.99	−29 4.6	2.180	3.182	3.1	17.5
5 31	16 1.44	−29 5.2	2.170	3.173	3.2	17.5
6 10	15 52.36	−28 58.1	2.188	3.164	6.0	17.7
6 20	15 44.58	−28 46.0	2.232	3.155	9.2	17.9
6 30	15 38.76	−28 32.2	2.300	3.146	12.0	18.0

510735 2012 VR_{111} 5 24.9 249°.38 1°.4/24.0 17

4 21	16 30.67	−19 13.1	2.103	2.960	12.0	21.6
5 1	16 25.61	−18 32.2	2.020	2.954	8.9	21.4
5 11	16 18.70	−17 46.5	1.962	2.947	5.4	21.1
5 21	16 10.59	−16 58.2	1.931	2.940	1.9	20.9
5 31	16 2.13	−16 10.5	1.927	2.933	3.2	21.0
6 10	15 54.24	−15 27.2	1.951	2.925	6.9	21.2
6 20	15 47.70	−14 51.5	2.001	2.918	10.4	21.4
6 30	15 43.08	−14 25.7	2.073	2.910	13.5	21.6

139552 2001 QK_{58} 5 24.9 273°.69 5°.8/27.2 18

4 21	16 35.20	−36 36.9	2.136	2.948	13.6	19.6
5 1	16 29.45	−37 18.9	2.049	2.939	11.0	19.4
5 11	16 21.27	−37 47.8	1.983	2.930	8.4	19.2
5 21	16 11.37	−38 0.1	1.942	2.921	6.3	19.1
5 31	16 0.83	−37 54.4	1.928	2.912	6.0	19.0
6 10	15 50.89	−37 32.2	1.940	2.903	7.8	19.1
6 20	15 42.59	−36 57.7	1.977	2.893	10.6	19.3
6 30	15 36.73	−36 16.6	2.037	2.884	13.3	19.4

415035 2011 YT_{4} 5 24.9 132°.92 0°.3/24.8 17

4 21	16 36.91	−19 50.8	1.546	2.408	15.4	20.8
5 1	16 30.81	−19 59.5	1.479	2.413	11.4	20.6
5 11	16 22.06	−20 5.0	1.434	2.419	6.9	20.3
5 21	16 11.57	−20 7.1	1.413	2.424	1.9	20.0
5 31	16 0.60	−20 6.9	1.420	2.428	3.2	20.1
6 10	15 50.50	−20 6.7	1.452	2.433	8.0	20.4
6 20	15 42.39	−20 9.0	1.509	2.437	12.4	20.7
6 30	15 37.02	−20 16.4	1.586	2.441	16.1	20.9

182823 2002 AN_{190} 5 24.9 149°.02 1°.6/23.9 17

4 21	16 30.08	−16 23.3	2.764	3.613	9.8	21.8
5 1	16 24.69	−16 2.9	2.692	3.621	7.2	21.7
5 11	16 17.94	−15 41.4	2.646	3.628	4.4	21.5
5 21	16 10.34	−15 20.3	2.628	3.635	1.8	21.3
5 31	16 2.56	−15 1.2	2.639	3.642	2.7	21.4
6 10	15 55.25	−14 46.0	2.679	3.648	5.5	21.6
6 20	15 48.98	−14 36.2	2.745	3.654	8.2	21.8
6 30	15 44.18	−14 32.8	2.836	3.660	10.6	22.0

432796 2011 FO_{152} 5 24.9 96°.44 0°.7/25.1 18

4 21	16 37.70	−21 25.1	1.899	2.747	13.6	20.9
5 1	16 30.88	−21 54.1	1.839	2.766	10.0	20.7
5 11	16 21.86	−22 19.4	1.804	2.785	6.1	20.5
5 21	16 11.47	−22 39.9	1.795	2.804	1.9	20.2
5 31	16 0.79	−22 55.5	1.814	2.822	2.6	20.3
6 10	15 50.94	−23 7.4	1.861	2.841	6.7	20.6
6 20	15 42.80	−23 17.7	1.934	2.858	10.3	20.9
6 30	15 37.01	−23 28.8	2.030	2.875	13.4	21.1

33758 1999 RY_{55} 5 24.9 198°.85 4°.2/27.0 18

4 21	16 33.43	−34 42.6	2.604	3.414	11.4	18.7
5 1	16 27.59	−35 6.4	2.519	3.412	9.1	18.6
5 11	16 19.89	−35 19.4	2.458	3.410	6.7	18.4
5 21	16 10.94	−35 19.6	2.422	3.408	4.6	18.3
5 31	16 1.59	−35 6.8	2.415	3.405	4.4	18.3
6 10	15 52.78	−34 42.8	2.436	3.402	6.2	18.4
6 20	15 45.28	−34 10.8	2.483	3.399	8.7	18.5
6 30	15 39.70	−33 35.0	2.553	3.396	11.1	18.7

422919 2002 SD_{22} 5 24.9 251°.57 1°.5/24.2 17

4 21	16 34.21	−18 35.7	1.829	2.688	13.5	21.9
5 1	16 28.64	−18 10.0	1.738	2.671	10.1	21.7
5 11	16 20.74	−17 40.0	1.670	2.655	6.1	21.4
5 21	16 11.23	−17 7.3	1.628	2.638	2.1	21.1
5 31	16 1.11	−16 34.9	1.614	2.620	3.5	21.2
6 10	15 51.54	−16 6.2	1.626	2.602	7.8	21.4
6 20	15 43.53	−15 44.6	1.663	2.583	12.0	21.6
6 30	15 37.84	−15 32.7	1.722	2.564	15.6	21.8

33304 1998 KH_{50} 5 24.9 283°.04 5°.3/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.19	− 5 45.9	2.247	3.098	11.6	18.5
5 1	16 24.34	− 5 8.9	2.174	3.094	9.1	18.3
5 11	16 17.87	− 4 38.0	2.125	3.090	6.7	18.2
5 21	16 10.36	− 4 16.2	2.102	3.086	5.4	18.1
5 31	16 2.56	− 4 6.5	2.106	3.082	6.2	18.1
6 10	15 55.25	− 4 10.3	2.137	3.078	8.5	18.3
6 20	15 49.10	− 4 27.9	2.192	3.074	11.1	18.4
6 30	15 44.65	− 4 58.4	2.268	3.070	13.6	18.6

215380 2002 CZ_7 5 24.9 86°.38 7°.1/21.2 18

4 21	16 29.50	+ 0 33.2	2.324	3.159	11.8	20.3
5 1	16 24.37	+ 1 20.8	2.273	3.173	9.7	20.2
5 11	16 17.77	+ 1 57.9	2.245	3.186	7.9	20.1
5 21	16 10.32	+ 2 20.9	2.243	3.200	7.1	20.1
5 31	16 2.71	+ 2 27.3	2.267	3.213	7.8	20.2
6 10	15 55.69	+ 2 16.3	2.317	3.226	9.5	20.3
6 20	15 49.83	+ 1 48.9	2.390	3.239	11.5	20.5
6 30	15 45.60	+ 1 7.0	2.484	3.252	13.5	20.6

35294 1996 UG_4 5 24.9 261°.52 5°.2/21.8 18

4 21	16 30.87	−11 6.2	1.807	2.672	13.4	18.9
5 1	16 25.96	− 9 44.9	1.731	2.664	10.2	18.7
5 11	16 19.01	− 8 23.4	1.679	2.655	7.0	18.5
5 21	16 10.72	− 7 7.1	1.653	2.646	5.2	18.3
5 31	16 2.05	− 6 1.8	1.653	2.638	6.6	18.4
6 10	15 54.01	− 5 12.3	1.679	2.629	9.8	18.6
6 20	15 47.45	− 4 41.3	1.729	2.620	13.2	18.7
6 30	15 43.00	− 4 29.3	1.798	2.611	16.2	18.9

182128 2000 RC_{72} 5 24.9 188°.43 3°.7/22.0 17

4 21	16 28.68	− 9 33.1	2.901	3.748	9.4	20.8
5 1	16 23.61	− 8 37.1	2.825	3.747	7.2	20.6
5 11	16 17.29	− 7 42.8	2.775	3.745	5.0	20.5
5 21	16 10.20	− 6 53.1	2.754	3.744	3.8	20.4
5 31	16 2.91	− 6 10.9	2.761	3.741	4.6	20.5
6 10	15 56.03	− 5 38.4	2.797	3.739	6.7	20.6
6 20	15 50.08	− 5 17.0	2.859	3.736	9.0	20.7
6 30	15 45.48	− 5 7.0	2.943	3.732	11.1	20.9

509698 2008 RB_{132} 5 24.9 270°.80 2°.8/23.5 18

4 21	16 33.36	−14 29.3	2.095	2.950	12.2	22.1
5 1	16 27.84	−14 0.0	1.991	2.921	9.2	21.8
5 11	16 20.23	−13 29.6	1.911	2.892	5.8	21.6
5 21	16 11.12	−13 0.3	1.857	2.862	3.0	21.3
5 31	16 1.37	−12 34.9	1.832	2.831	4.2	21.4
6 10	15 51.97	−12 16.3	1.834	2.800	7.9	21.5
6 20	15 43.82	−12 6.9	1.861	2.768	11.6	21.7
6 30	15 37.67	−12 8.4	1.910	2.736	14.9	21.8

212490 2006 QL_{117} 5 24.9 248°.98 0°.2/25.0 18

4 21	16 26.67	−22 49.0	3.733	4.572	7.7	21.7
5 1	16 22.05	−22 38.4	3.634	4.556	5.7	21.6
5 11	16 16.35	−22 24.1	3.560	4.540	3.5	21.4
5 21	16 9.94	−22 6.6	3.515	4.524	1.0	21.2
5 31	16 3.30	−21 46.9	3.500	4.508	1.5	21.2
6 10	15 56.93	−21 26.4	3.514	4.492	4.0	21.4
6 20	15 51.28	−21 6.7	3.556	4.475	6.3	21.5
6 30	15 46.72	−20 49.4	3.624	4.458	8.3	21.6

303822 2005 ST_{109} 5 24.9 327°.31 4°.2/26.5 16

4 21	16 33.22	−32 4.8	2.116	2.946	13.0	20.1
5 1	16 27.85	−32 41.7	2.034	2.941	10.3	19.9
5 11	16 20.25	−33 8.3	1.974	2.937	7.3	19.7
5 21	16 11.11	−33 22.3	1.940	2.932	4.7	19.6
5 31	16 1.44	−33 22.6	1.932	2.928	4.6	19.6
6 10	15 52.34	−33 10.9	1.952	2.924	7.0	19.7
6 20	15 44.77	−32 50.7	1.996	2.920	10.0	19.9
6 30	15 39.45	−32 26.4	2.064	2.917	12.9	20.1

239126 2006 HY_{146} 5 24.9 300°.48 1°.2/25.3 18

4 21	16 33.50	−23 47.2	1.886	2.739	13.4	20.5
5 1	16 28.05	−24 2.7	1.808	2.737	10.1	20.3
5 11	16 20.35	−24 12.4	1.753	2.734	6.2	20.1
5 21	16 11.13	−24 15.8	1.724	2.732	2.2	19.8
5 31	16 1.43	−24 13.0	1.722	2.730	2.8	19.9
6 10	15 52.36	−24 6.3	1.747	2.728	6.8	20.1
6 20	15 44.89	−23 58.4	1.797	2.726	10.7	20.3
6 30	15 39.72	−23 52.5	1.869	2.724	14.0	20.5

34028 Wuhuiyi 5 24.9 7°.52 2°.1/24.3 18

4 21	16 32.64	−16 58.8	1.107	1.996	18.2	18.0
5 1	16 28.40	−16 55.7	1.048	1.996	13.5	17.7
5 11	16 20.96	−16 51.8	1.008	1.997	8.2	17.4
5 21	16 11.35	−16 48.8	0.989	1.999	2.9	17.1
5 31	16 1.12	−16 49.2	0.993	2.001	4.5	17.2
6 10	15 51.96	−16 55.7	1.020	2.005	10.0	17.5
6 20	15 45.20	−17 10.3	1.068	2.009	15.1	17.8
6 30	15 41.70	−17 34.4	1.134	2.014	19.4	18.1

381425 2008 NB_3 5 24.9 306°.53 5°.8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.24	− 8 28.8	1.570	2.439	14.8	20.3
5 1	16 26.65	− 7 53.2	1.490	2.424	11.5	20.1
5 11	16 19.65	− 7 23.0	1.432	2.408	8.0	19.9
5 21	16 10.97	− 7 2.6	1.398	2.393	5.8	19.7
5 31	16 1.67	− 6 55.8	1.389	2.378	7.0	19.7
6 10	15 52.97	− 7 5.4	1.404	2.363	10.5	19.9
6 20	15 45.90	− 7 31.7	1.441	2.349	14.3	20.1
6 30	15 41.25	− 8 13.7	1.499	2.335	17.8	20.2

156454 2002 BN_9 5 24.9 127°.28 1°.5/24.2 18

4 21	16 34.13	−17 33.2	2.078	2.931	12.4	20.7
5 1	16 28.04	−17 16.3	2.014	2.944	9.1	20.5
5 11	16 20.10	−16 57.4	1.974	2.957	5.5	20.3
5 21	16 11.02	−16 38.0	1.960	2.969	2.0	20.1
5 31	16 1.71	−16 20.2	1.976	2.981	3.1	20.2
6 10	15 53.10	−16 6.1	2.019	2.992	6.7	20.4
6 20	15 45.96	−15 57.9	2.088	3.003	10.1	20.6
6 30	15 40.83	−15 56.9	2.179	3.014	13.0	20.8

231745 1999 RR_{214} 5 24.9 180°.88 2°.5/22.9 18

4 21	16 25.35	−10 37.0	3.813	4.658	7.4	21.5
5 1	16 20.96	−10 11.1	3.736	4.658	5.6	21.4
5 11	16 15.63	− 9 46.9	3.685	4.658	3.7	21.2
5 21	16 9.74	− 9 25.7	3.662	4.658	2.5	21.1
5 31	16 3.69	− 9 9.1	3.669	4.658	3.1	21.2
6 10	15 57.94	− 8 58.1	3.705	4.658	4.9	21.3
6 20	15 52.86	− 8 53.6	3.769	4.657	6.8	21.4
6 30	15 48.77	− 8 56.0	3.856	4.656	8.5	21.6

313664 2003 SP_{192} 5 24.9 301°.02 3°.0/26.1 17

4 21	16 33.42	−29 10.0	1.365	2.227	17.0	20.2
5 1	16 28.95	−29 0.2	1.280	2.211	13.2	19.9
5 11	16 21.34	−28 34.5	1.216	2.195	8.7	19.6
5 21	16 11.50	−27 51.6	1.174	2.180	4.1	19.3
5 31	16 0.84	−26 53.4	1.157	2.165	4.1	19.3
6 10	15 51.02	−25 45.7	1.164	2.150	8.8	19.5
6 20	15 43.43	−24 36.5	1.194	2.135	13.8	19.7
6 30	15 39.00	−23 33.6	1.244	2.121	18.2	19.9

219614 2001 TO_{113} 5 24.9 217°.30 3°.0/26.2 17

4 21	16 36.80	−30 6.8	2.349	3.173	12.1	21.9
5 1	16 30.26	−30 22.8	2.255	3.163	9.4	21.7
5 11	16 21.61	−30 29.3	2.185	3.152	6.4	21.5
5 21	16 11.50	−30 24.7	2.142	3.141	3.6	21.3
5 31	16 0.87	−30 8.9	2.127	3.129	3.5	21.3
6 10	15 50.75	−29 43.9	2.141	3.116	6.3	21.4
6 20	15 42.05	−29 13.2	2.181	3.102	9.5	21.6
6 30	15 35.46	−28 41.1	2.246	3.087	12.4	21.7

433924 2015 CX_1 5 24.9 57°.78 0°.1/24.8 17

4 21	16 34.60	−20 59.2	1.573	2.437	15.1	21.4
5 1	16 28.84	−20 59.8	1.523	2.458	11.1	21.2
5 11	16 20.73	−20 55.7	1.495	2.480	6.6	20.9
5 21	16 11.21	−20 47.3	1.492	2.502	1.9	20.7
5 31	16 1.48	−20 36.5	1.515	2.524	2.9	20.8
6 10	15 52.77	−20 25.9	1.564	2.546	7.4	21.1
6 20	15 45.98	−20 18.5	1.637	2.568	11.4	21.4
6 30	15 41.71	−20 16.6	1.732	2.590	14.8	21.7

74082 1998 OM_3 5 24.9 97°.67 1°.8/25.7 18

4 21	16 36.64	−27 27.4	1.631	2.481	15.3	19.6
5 1	16 30.38	−27 6.4	1.572	2.497	11.5	19.4
5 11	16 21.67	−26 33.3	1.535	2.514	7.2	19.2
5 21	16 11.48	−25 48.7	1.523	2.530	2.9	18.9
5 31	16 1.08	−24 55.7	1.538	2.546	3.1	19.0
6 10	15 51.76	−23 59.3	1.580	2.562	7.3	19.3
6 20	15 44.47	−23 5.3	1.646	2.577	11.3	19.5
6 30	15 39.82	−22 18.7	1.735	2.592	14.8	19.8

206944 2004 RK_{170} 5 24.9 212°.65 1°.2/24.3 17

4 21	16 35.09	−20 58.4	1.537	2.402	15.3	20.8
5 1	16 29.52	−20 15.0	1.462	2.399	11.4	20.5
5 11	16 21.34	−19 23.5	1.409	2.395	6.9	20.3
5 21	16 11.44	−18 26.4	1.381	2.391	2.1	19.9
5 31	16 1.06	−17 28.0	1.379	2.386	3.6	20.0
6 10	15 51.54	−16 34.0	1.403	2.382	8.5	20.3
6 20	15 43.95	−15 49.4	1.451	2.377	13.0	20.6
6 30	15 39.04	−15 17.8	1.520	2.371	16.8	20.8

410322 2007 TE_{453} 5 24.9 152°.61 0°.1/24.9 17

4 21	16 36.72	−21 40.0	1.799	2.652	14.0	22.1
5 1	16 30.34	−21 33.0	1.729	2.659	10.4	21.9
5 11	16 21.66	−21 20.5	1.683	2.666	6.3	21.6
5 21	16 11.51	−21 2.9	1.662	2.672	1.8	21.4
5 31	16 0.98	−20 42.0	1.669	2.678	2.8	21.4
6 10	15 51.27	−20 20.8	1.704	2.683	7.2	21.7
6 20	15 43.31	−20 2.6	1.763	2.687	11.1	22.0
6 30	15 37.77	−19 50.3	1.845	2.691	14.5	22.2

208642 2002 EZ_{103} 5 24.9 96°.46 1°.1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 38.61	−17 22.4	1.480	2.343	15.9	19.9
5 1	16 32.03	−17 39.4	1.423	2.358	11.8	19.6
5 11	16 22.78	−17 55.9	1.387	2.372	7.1	19.4
5 21	16 11.83	−18 11.8	1.376	2.386	2.2	19.1
5 31	16 0.51	−18 27.5	1.392	2.400	3.5	19.3
6 10	15 50.19	−18 44.4	1.434	2.413	8.2	19.6
6 20	15 41.97	−19 4.0	1.500	2.427	12.5	19.9
6 30	15 36.56	−19 28.1	1.587	2.440	16.2	20.1

440652 2005 WE_{178} 5 24.9 295°.86 7°.4/22.4 18

4 21	16 34.29	+ 2 10.4	2.270	3.093	12.5	20.4
5 1	16 28.32	+ 2 18.7	2.172	3.064	10.4	20.2
5 11	16 20.43	+ 2 13.9	2.096	3.035	8.4	20.0
5 21	16 11.20	+ 1 52.8	2.047	3.006	7.4	19.9
5 31	16 1.38	+ 1 13.0	2.024	2.977	8.1	19.9
6 10	15 51.88	+ 0 14.3	2.028	2.948	10.1	19.9
6 20	15 43.51	− 1 1.5	2.058	2.919	12.6	20.0
6 30	15 36.95	− 2 31.4	2.110	2.890	15.2	20.2

239826 1998 UZ_{25} 5 24.9 275°.15 4°.1/22.6 18

4 21	16 31.33	−11 26.9	2.130	2.986	12.0	20.4
5 1	16 26.24	−10 38.7	2.031	2.960	9.1	20.2
5 11	16 19.22	− 9 50.7	1.957	2.933	6.1	20.0
5 21	16 10.85	− 9 6.2	1.908	2.906	4.1	19.8
5 31	16 1.95	− 8 29.0	1.888	2.878	5.3	19.8
6 10	15 53.42	− 8 2.5	1.895	2.850	8.4	19.9
6 20	15 46.10	− 7 48.9	1.926	2.822	11.8	20.1
6 30	15 40.66	− 7 49.1	1.979	2.793	14.9	20.2

254541 2005 EC_{176} 5 24.9 18°.05 0°.2/24.9 17

4 21	16 30.94	−22 34.2	1.118	2.005	18.2	20.0
5 1	16 27.07	−22 16.7	1.063	2.010	13.5	19.7
5 11	16 20.10	−21 50.0	1.027	2.016	8.2	19.5
5 21	16 11.11	−21 15.8	1.013	2.023	2.3	19.1
5 31	16 1.66	−20 38.0	1.021	2.031	3.6	19.2
6 10	15 53.39	−20 2.1	1.053	2.040	9.3	19.6
6 20	15 47.51	−19 33.4	1.105	2.050	14.3	19.9
6 30	15 44.80	−19 15.6	1.176	2.061	18.5	20.2

22156 Richoffman 5 24.9 250°.20 1°.0/25.3 18

4 21	16 36.02	−24 35.9	1.718	2.570	14.5	18.8
5 1	16 30.27	−24 24.4	1.626	2.554	11.0	18.6
5 11	16 21.89	−24 3.6	1.556	2.538	6.8	18.3
5 21	16 11.65	−23 33.5	1.512	2.521	2.3	18.0
5 31	16 0.71	−22 55.8	1.494	2.503	3.0	18.0
6 10	15 50.39	−22 14.4	1.503	2.485	7.7	18.2
6 20	15 41.84	−21 34.3	1.537	2.466	12.2	18.4
6 30	15 35.91	−21 0.2	1.593	2.447	16.1	18.6

228681 2002 LX_{6} 5 24.9 113°.70 3°.9/23.3 18

4 21	16 32.20	−11 11.2	1.906	2.766	13.0	20.0
5 1	16 26.81	−10 47.0	1.839	2.770	9.8	19.8
5 11	16 19.48	−10 26.0	1.795	2.773	6.4	19.6
5 21	16 10.90	−10 10.7	1.777	2.777	4.0	19.4
5 31	16 2.00	−10 3.7	1.786	2.781	5.0	19.5
6 10	15 53.76	−10 6.8	1.821	2.784	8.2	19.7
6 20	15 46.99	−10 20.6	1.881	2.788	11.5	19.9
6 30	15 42.26	−10 45.1	1.963	2.791	14.5	20.1

149453 2003 CW_{21} 5 24.9 102°.18 1°.9/24.1 17

4 21	16 34.02	−17 28.1	1.742	2.604	13.9	21.0
5 1	16 28.27	−17 1.1	1.681	2.616	10.3	20.8
5 11	16 20.36	−16 31.6	1.643	2.628	6.2	20.6
5 21	16 11.14	−16 1.9	1.631	2.640	2.4	20.3
5 31	16 1.67	−15 34.9	1.646	2.652	3.7	20.4
6 10	15 53.03	−15 13.7	1.688	2.663	7.7	20.7
6 20	15 46.09	−15 0.7	1.754	2.674	11.5	21.0
6 30	15 41.45	−14 57.5	1.842	2.685	14.7	21.2

507081 2009 BY_{19} 5 24.9 180°.53 1°.0/24.4 17

4 21	16 31.89	−18 43.0	2.128	2.983	12.0	22.2
5 1	16 26.52	−18 30.7	2.052	2.984	8.9	22.0
5 11	16 19.29	−18 15.7	2.000	2.984	5.3	21.8
5 21	16 10.85	−17 59.2	1.974	2.984	1.7	21.6
5 31	16 2.08	−17 42.9	1.977	2.984	2.8	21.6
6 10	15 53.88	−17 29.1	2.007	2.984	6.5	21.9
6 20	15 47.04	−17 20.0	2.063	2.983	10.0	22.1
6 30	15 42.14	−17 17.4	2.141	2.983	13.0	22.3

442780 2012 XT_{131} 5 24.9 10°.21 3°.1/23.8 17

4 21	16 31.84	−11 56.5	1.994	2.852	12.6	20.5
5 1	16 26.55	−11 53.4	1.921	2.853	9.4	20.3
5 11	16 19.33	−11 53.7	1.873	2.853	6.0	20.1
5 21	16 10.87	−11 58.8	1.851	2.854	3.3	19.9
5 31	16 2.04	−12 10.3	1.856	2.855	4.3	20.0
6 10	15 53.80	−12 29.2	1.888	2.856	7.5	20.2
6 20	15 46.94	−12 55.8	1.945	2.857	10.9	20.4
6 30	15 42.07	−13 30.1	2.024	2.858	13.9	20.6

351937 2006 TO_{36} 5 24.9 145°.54 2°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.39	−28 4.6	2.505	3.336	11.2	21.5
5 1	16 27.49	−28 25.6	2.428	3.342	8.5	21.3
5 11	16 19.83	−28 39.2	2.375	3.347	5.6	21.2
5 21	16 11.01	−28 44.4	2.350	3.352	2.9	21.0
5 31	16 1.85	−28 41.4	2.353	3.357	2.9	21.0
6 10	15 53.23	−28 31.7	2.385	3.361	5.6	21.2
6 20	15 45.89	−28 17.9	2.443	3.366	8.5	21.4
6 30	15 40.40	−28 3.1	2.525	3.370	11.1	21.5

67834 2000 VV_{53} 5 24.9 24°.89 1°.0/24.1 18

4 21	16 31.29	−23 51.5	1.991	2.845	12.8	17.8
5 1	16 26.04	−22 19.2	1.917	2.849	9.4	17.6
5 11	16 18.93	−20 35.7	1.869	2.853	5.6	17.4
5 21	16 10.73	−18 45.3	1.848	2.858	1.7	17.1
5 31	16 2.37	−16 54.2	1.857	2.864	3.1	17.2
6 10	15 54.80	−15 9.1	1.895	2.869	7.0	17.5
6 20	15 48.75	−13 35.9	1.958	2.875	10.6	17.7
6 30	15 44.72	−12 18.6	2.045	2.881	13.7	17.9

119667 2001 XY_{73} 5 24.9 83°.66 3°.8/24.3 18

4 21	16 38.95	− 8 42.7	1.705	2.556	14.7	19.5
5 1	16 32.06	− 9 15.3	1.637	2.563	11.2	19.3
5 11	16 22.76	− 9 56.8	1.593	2.569	7.3	19.1
5 21	16 11.88	−10 47.3	1.574	2.576	4.1	18.9
5 31	16 0.53	−11 46.3	1.584	2.583	4.9	19.0
6 10	15 49.94	−12 52.2	1.621	2.589	8.5	19.2
6 20	15 41.12	−14 3.3	1.684	2.596	12.3	19.4
6 30	15 34.77	−15 18.1	1.769	2.603	15.6	19.7

60218 1999 VP_{92} 5 24.9 312°.90 1°.3/24.3 18

4 21	16 29.08	−18 59.2	2.007	2.870	12.3	18.8
5 1	16 24.67	−18 33.4	1.918	2.854	9.2	18.6
5 11	16 18.31	−18 3.5	1.853	2.839	5.5	18.4
5 21	16 10.62	−17 31.4	1.814	2.824	1.9	18.1
5 31	16 2.47	−16 59.6	1.802	2.809	3.1	18.1
6 10	15 54.83	−16 31.3	1.817	2.795	7.0	18.3
6 20	15 48.52	−16 9.4	1.857	2.780	10.7	18.5
6 30	15 44.19	−15 56.2	1.919	2.767	14.0	18.7

426552 2013 RH_{87} 5 24.9 342°.10 10°.6/26.6 18

4 21	16 44.48	−41 47.0	1.666	2.460	17.5	20.1
5 1	16 37.71	−43 51.6	1.592	2.458	15.0	19.9
5 11	16 27.04	−45 40.5	1.540	2.456	12.5	19.7
5 21	16 13.30	−47 3.9	1.510	2.454	10.9	19.6
5 31	15 58.09	−47 54.6	1.505	2.453	10.8	19.6
6 10	15 43.55	−48 11.9	1.524	2.452	12.3	19.7
6 20	15 31.57	−48 0.9	1.565	2.451	14.6	19.8
6 30	15 23.47	−47 31.2	1.626	2.450	17.2	20.0

424591 2008 GD_{99} 5 24.9 261°.79 2°.5/25.7 17

4 21	16 35.72	−26 22.2	1.655	2.507	15.0	21.5
5 1	16 30.11	−26 45.9	1.576	2.503	11.4	21.3
5 11	16 21.82	−27 1.3	1.519	2.498	7.4	21.0
5 21	16 11.66	−27 6.5	1.487	2.493	3.4	20.8
5 31	16 0.85	−27 1.5	1.481	2.488	3.6	20.8
6 10	15 50.77	−26 48.5	1.501	2.483	7.7	21.0
6 20	15 42.58	−26 31.4	1.545	2.477	11.9	21.2
6 30	15 37.10	−26 15.0	1.611	2.472	15.5	21.5

72980 2002 CJ_{243} 5 24.9 5°.56 3°.2/23.7 17

4 21	16 32.27	−16 15.9	1.276	2.157	16.7	19.2
5 1	16 27.75	−15 34.3	1.213	2.157	12.5	18.9
5 11	16 20.42	−14 50.1	1.170	2.157	7.7	18.7
5 21	16 11.25	−14 7.2	1.150	2.158	3.6	18.4
5 31	16 1.59	−13 30.6	1.155	2.159	5.2	18.5
6 10	15 52.90	−13 4.9	1.184	2.160	9.9	18.8
6 20	15 46.31	−12 53.2	1.234	2.162	14.5	19.0
6 30	15 42.59	−12 56.7	1.303	2.165	18.5	19.3

396056 2013 CH_{49} 5 24.9 210°.78 4°.2/22.9 18

4 21	16 30.30	− 8 20.4	2.289	3.141	11.4	21.2
5 1	16 25.17	− 7 58.6	2.216	3.141	8.7	21.0
5 11	16 18.42	− 7 41.5	2.168	3.140	6.0	20.8
5 21	16 10.63	− 7 31.5	2.146	3.139	4.3	20.7
5 31	16 2.55	− 7 30.7	2.151	3.138	5.1	20.8
6 10	15 54.98	− 7 40.3	2.184	3.137	7.7	20.9
6 20	15 48.57	− 8 0.6	2.242	3.136	10.4	21.1
6 30	15 43.86	− 8 31.1	2.322	3.135	13.0	21.3

512634 2016 TA_{47} 5 24.9 88°.60 1°.7/25.8 18 R

4 21	16 30.38	−26 52.9	2.616	3.453	10.6	21.1
5 1	16 25.21	−27 1.5	2.537	3.456	8.0	20.9
5 11	16 18.44	−27 3.5	2.483	3.459	5.1	20.7
5 21	16 10.64	−26 58.6	2.456	3.461	2.3	20.5
5 31	16 2.55	−26 47.2	2.458	3.464	2.4	20.5
6 10	15 54.95	−26 31.3	2.487	3.466	5.2	20.7
6 20	15 48.50	−26 13.3	2.544	3.469	8.1	20.9
6 30	15 43.73	−25 55.7	2.624	3.472	10.7	21.1

467372 2004 *LG* 5 24.9 109.°65 8.°5/31.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 16.84	−54 9.5	2.744	3.388	14.5	23.7
5 1	16 59.19	−54 29.2	2.680	3.432	12.7	23.6
5 11	16 38.36	−54 20.1	2.640	3.475	10.8	23.5
5 21	16 16.09	−53 36.3	2.628	3.515	9.2	23.4
5 31	15 54.53	−52 17.4	2.647	3.553	8.5	23.5
6 10	15 35.52	−50 30.1	2.698	3.589	9.0	23.5
6 20	15 20.17	−48 24.8	2.780	3.623	10.3	23.7
6 30	15 8.84	−46 13.2	2.890	3.655	11.8	23.8

266156 2006 UF_{80} 5 24.9 151.°44 1.°1/24.4 17

4 21	16 35.40	−19 2.4	1.937	2.791	13.1	21.6
5 1	16 29.20	−18 46.3	1.868	2.798	9.7	21.4
5 11	16 20.94	−18 26.7	1.822	2.806	5.8	21.2
5 21	16 11.36	−18 5.0	1.803	2.812	1.8	20.9
5 31	16 1.47	−17 43.3	1.811	2.818	3.0	21.0
6 10	15 52.31	−17 24.3	1.848	2.824	7.0	21.3
6 20	15 44.74	−17 10.5	1.910	2.829	10.7	21.5
6 30	15 39.36	−17 4.2	1.994	2.833	13.9	21.8

423847 2006 QS_{64} 5 24.9 255.°84 0.°2/24.8 17

4 21	16 35.21	−21 44.5	1.764	2.620	14.1	22.1
5 1	16 29.60	−21 29.3	1.671	2.602	10.6	21.9
5 11	16 21.48	−21 7.5	1.600	2.584	6.4	21.6
5 21	16 11.59	−20 39.8	1.556	2.566	1.8	21.2
5 31	16 1.02	−20 8.1	1.538	2.547	3.0	21.3
6 10	15 51.00	−19 36.1	1.547	2.527	7.7	21.5
6 20	15 42.64	−19 7.8	1.581	2.507	12.1	21.7
6 30	15 36.76	−18 47.0	1.636	2.486	15.9	21.9

318519 2005 EE_{196} 5 24.9 172.°03 1.°3/24.3 17

4 21	16 35.98	−19 2.5	1.994	2.845	12.9	21.9
5 1	16 29.60	−18 33.9	1.920	2.849	9.5	21.7
5 11	16 21.17	−18 1.2	1.869	2.853	5.7	21.5
5 21	16 11.43	−17 26.1	1.846	2.855	1.9	21.2
5 31	16 1.37	−16 51.3	1.851	2.857	3.1	21.3
6 10	15 52.02	−16 20.1	1.884	2.858	7.1	21.6
6 20	15 44.22	−15 55.5	1.943	2.859	10.7	21.8
6 30	15 38.58	−15 39.7	2.025	2.858	13.9	22.0

489101 2006 BJ_{188} 5 24.9 180.°12 7.°4/14.9 18

4 21	16 22.91	+20 55.9	4.600	5.316	8.2	21.2
5 1	16 19.11	+21 44.8	4.556	5.316	7.7	21.2
5 11	16 14.54	+22 21.6	4.533	5.316	7.4	21.1
5 21	16 9.51	+22 44.4	4.533	5.317	7.5	21.1
5 31	16 4.37	+22 51.7	4.554	5.316	7.8	21.2
6 10	15 59.48	+22 43.4	4.597	5.316	8.3	21.2
6 20	15 55.16	+22 20.2	4.658	5.316	8.9	21.3
6 30	15 51.67	+21 43.5	4.738	5.316	9.6	21.3

22389 1994 PC_{21} 5 24.9 181.°86 2.°9/23.5 18

4 21	16 31.53	−14 39.0	1.920	2.782	12.8	19.4
5 1	16 26.38	−14 3.8	1.848	2.782	9.6	19.2
5 11	16 19.27	−13 27.9	1.799	2.782	6.0	19.0
5 21	16 10.91	−12 54.4	1.777	2.782	3.1	18.8
5 31	16 2.20	−12 26.1	1.782	2.782	4.3	18.9
6 10	15 54.14	−12 6.2	1.813	2.781	7.8	19.1
6 20	15 47.53	−11 56.4	1.869	2.781	11.3	19.3
6 30	15 42.96	−11 57.9	1.947	2.781	14.4	19.5

513288 2006 YM_{46} 5 24.9 251.°43 6.°5/20.9 18

4 21	16 29.64	+ 0 19.4	2.681	3.510	10.6	21.6
5 1	16 24.55	+ 1 3.2	2.596	3.493	8.7	21.5
5 11	16 18.02	+ 1 39.0	2.536	3.476	7.2	21.4
5 21	16 10.54	+ 2 3.1	2.502	3.458	6.5	21.3
5 31	16 2.74	+ 2 12.7	2.495	3.440	7.2	21.3
6 10	15 55.28	+ 2 6.6	2.514	3.421	8.9	21.4
6 20	15 48.77	+ 1 44.7	2.558	3.402	11.0	21.5
6 30	15 43.71	+ 1 8.2	2.623	3.383	13.0	21.6

311482 2005 VJ_{33} 5 24.9 173.°45 0.°7/25.4 18

4 21	16 30.38	−24 40.0	2.899	3.736	9.7	21.7
5 1	16 25.02	−24 27.4	2.817	3.738	7.2	21.5
5 11	16 18.24	−24 9.1	2.761	3.740	4.4	21.4
5 21	16 10.59	−23 45.5	2.733	3.742	1.5	21.1
5 31	16 2.71	−23 18.2	2.734	3.743	1.9	21.2
6 10	15 55.29	−22 49.0	2.765	3.744	4.8	21.4
6 20	15 48.90	−22 20.4	2.823	3.744	7.6	21.6
6 30	15 44.00	−21 54.8	2.905	3.744	10.0	21.7

188061 Loomis 5 24.9 269.°81 7.°6/20.2 17

4 21	16 31.21	− 5 9.8	1.798	2.655	13.8	21.0
5 1	16 26.35	− 3 35.8	1.717	2.638	11.0	20.8
5 11	16 19.38	− 2 5.6	1.659	2.619	8.6	20.6
5 21	16 10.98	− 0 46.0	1.627	2.601	7.6	20.5
5 31	16 2.07	+ 0 16.5	1.620	2.582	9.0	20.5
6 10	15 53.70	+ 0 57.0	1.638	2.564	11.7	20.6
6 20	15 46.76	+ 1 13.9	1.679	2.545	14.8	20.8
6 30	15 41.94	+ 1 7.8	1.738	2.525	17.7	20.9

235149 2003 QS_{104} 5 24.9 294.°97 9.°0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 37.85	−42 53.2	1.848	2.639	16.1	20.2
5 1	16 32.16	−43 53.8	1.762	2.629	13.7	20.0
5 11	16 23.32	−44 35.9	1.697	2.618	11.3	19.8
5 21	16 12.18	−44 53.8	1.655	2.607	9.5	19.7
5 31	16 0.14	−44 44.0	1.636	2.596	9.1	19.6
6 10	15 48.86	−44 8.2	1.641	2.586	10.4	19.7
6 20	15 39.76	−43 12.1	1.670	2.575	12.8	19.8
6 30	15 33.82	−42 4.2	1.720	2.565	15.5	20.0

131292 2001 FD_{112} 5 24.9 306.°11 1.°7/24.9 17

4 21	16 43.15	−19 57.2	1.802	2.644	14.4	18.6
5 1	16 35.75	−21 30.9	1.709	2.632	10.9	18.3
5 11	16 25.42	−23 8.4	1.641	2.620	6.8	18.1
5 21	16 12.82	−24 45.0	1.600	2.608	2.6	17.8
5 31	15 59.10	−26 15.7	1.590	2.597	3.4	17.8
6 10	15 45.71	−27 37.0	1.609	2.585	7.8	18.1
6 20	15 34.00	−28 48.2	1.655	2.574	12.1	18.3
6 30	15 25.03	−29 51.0	1.725	2.563	15.7	18.5

181665 2008 AG_{32} 5 24.9 329.°03 3.°5/22.3 18

4 21	16 24.24	− 4 14.5	3.948	4.785	7.3	19.5
5 1	16 20.18	− 4 1.6	3.871	4.781	5.8	19.4
5 11	16 15.23	− 3 53.2	3.819	4.777	4.3	19.3
5 21	16 9.73	− 3 50.9	3.796	4.773	3.5	19.2
5 31	16 4.08	− 3 55.7	3.800	4.769	4.0	19.3
6 10	15 58.68	− 4 8.2	3.833	4.766	5.4	19.3
6 20	15 53.90	− 4 28.5	3.892	4.762	7.0	19.5
6 30	15 50.04	− 4 56.1	3.975	4.759	8.5	19.6

480593 2015 MZ_{85} 5 24.9 272.°07 4.°5/22.4 16

4 21	16 28.73	− 8 29.6	2.363	3.217	11.0	21.1
5 1	16 24.04	− 7 47.7	2.283	3.208	8.5	20.9
5 11	16 17.77	− 7 9.2	2.228	3.199	6.0	20.7
5 21	16 10.49	− 6 37.2	2.199	3.189	4.5	20.6
5 31	16 2.89	− 6 14.6	2.197	3.180	5.4	20.7
6 10	15 55.74	− 6 3.5	2.223	3.171	7.9	20.8
6 20	15 49.67	− 6 4.8	2.273	3.161	10.6	21.0
6 30	15 45.22	− 6 18.6	2.345	3.152	13.1	21.1

347260 2011 KU_{18} 5 24.9 318.°30 4.°2/22.5 17

4 21	16 28.90	−15 9.4	1.584	2.460	14.3	20.7
5 1	16 24.93	−13 50.5	1.502	2.443	10.8	20.4
5 11	16 18.64	−12 26.6	1.443	2.427	7.0	20.1
5 21	16 10.79	−11 3.0	1.408	2.411	4.3	19.9
5 31	16 2.42	− 9 46.4	1.399	2.395	5.9	20.0
6 10	15 54.69	− 8 43.3	1.415	2.380	9.9	20.2
6 20	15 48.57	− 7 57.8	1.454	2.366	13.9	20.4
6 30	15 44.81	− 7 32.3	1.513	2.352	17.5	20.6

141802 2002 NV_{35} 5 24.9 293.°37 4.°2/23.1 18

4 21	16 31.80	−14 13.9	1.465	2.340	15.3	20.5
5 1	16 27.30	−13 19.4	1.383	2.324	11.6	20.2
5 11	16 20.20	−12 22.5	1.323	2.307	7.5	20.0
5 21	16 11.27	−11 27.8	1.287	2.291	4.4	19.7
5 31	16 1.67	−10 40.7	1.276	2.275	5.9	19.8
6 10	15 52.74	−10 6.5	1.290	2.259	10.2	20.0
6 20	15 45.60	− 9 48.5	1.325	2.243	14.6	20.2
6 30	15 41.08	− 9 48.1	1.380	2.227	18.5	20.4

368399 2002 TK_{17} 5 24.9 254.°11 2.°0/23.9 17

4 21	16 33.98	−17 50.4	1.805	2.665	13.6	21.2
5 1	16 28.54	−17 13.9	1.714	2.648	10.2	20.9
5 11	16 20.79	−16 32.9	1.647	2.631	6.2	20.7
5 21	16 11.42	−15 49.9	1.606	2.614	2.5	20.4
5 31	16 1.46	−15 8.1	1.591	2.596	3.9	20.4
6 10	15 52.06	−14 31.8	1.604	2.578	8.1	20.7
6 20	15 44.22	−14 4.5	1.641	2.559	12.2	20.8
6 30	15 38.70	−13 48.8	1.700	2.540	15.9	21.0

389744 2011 SV_{132} 5 24.9 296.°40 0.°8/24.5 16

4 21	16 30.74	−19 19.4	2.062	2.921	12.2	21.3
5 1	16 25.85	−19 7.9	1.979	2.912	9.1	21.1
5 11	16 19.01	−18 53.1	1.919	2.904	5.5	20.9
5 21	16 10.88	−18 36.2	1.886	2.896	1.7	20.6
5 31	16 2.33	−18 18.9	1.880	2.888	2.8	20.7
6 10	15 54.30	−18 3.8	1.901	2.880	6.6	20.9
6 20	15 47.62	−17 53.0	1.948	2.872	10.3	21.1
6 30	15 42.92	−17 48.8	2.017	2.864	13.4	21.3

361487 2007 DG_{103} 5 24.9 173.°69 1.°9/26.1 17

4 21	16 31.31	−28 22.9	2.861	3.689	10.1	22.2
5 1	16 25.79	−28 25.6	2.779	3.691	7.6	22.0
5 11	16 18.77	−28 20.9	2.721	3.693	5.0	21.8
5 21	16 10.78	−28 8.6	2.691	3.694	2.5	21.7
5 31	16 2.52	−27 49.4	2.690	3.695	2.5	21.7
6 10	15 54.74	−27 25.1	2.718	3.696	5.0	21.8
6 20	15 48.04	−26 58.3	2.774	3.696	7.6	22.0
6 30	15 42.93	−26 31.9	2.853	3.696	10.0	22.2

424250 2007 RW_{283} 5 24.9 307°.62 1°.2/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.48	−22 38.7	1.701	2.561	14.3	20.2
5 1	16 28.57	−23 6.7	1.606	2.539	10.8	19.9
5 11	16 21.03	−23 31.1	1.534	2.517	6.8	19.6
5 21	16 11.55	−23 50.6	1.487	2.496	2.4	19.3
5 31	16 1.20	−24 4.6	1.466	2.475	3.1	19.3
6 10	15 51.30	−24 14.1	1.471	2.454	7.7	19.5
6 20	15 43.04	−24 21.5	1.500	2.433	12.1	19.7
6 30	15 37.34	−24 30.0	1.550	2.413	16.0	19.9

410285 2007 TD_{211} 5 24.9 212°.26 2°.2/25.9 17

4 21	16 37.06	−27 43.2	1.755	2.600	14.7	21.5
5 1	16 30.96	−27 38.6	1.672	2.595	11.2	21.3
5 11	16 22.28	−27 22.8	1.612	2.589	7.2	21.0
5 21	16 11.84	−26 54.9	1.576	2.582	3.2	20.8
5 31	16 0.85	−26 16.3	1.568	2.575	3.3	20.8
6 10	15 50.63	−25 30.8	1.587	2.568	7.4	21.0
6 20	15 42.26	−24 43.8	1.630	2.560	11.5	21.2
6 30	15 36.53	−24 0.8	1.696	2.551	15.2	21.4

422861 2002 PC_{30} 5 24.9 287°.74 0°.2/24.9 17

4 21	16 33.96	−22 27.6	1.533	2.398	15.3	21.7
5 1	16 29.10	−22 17.6	1.440	2.376	11.6	21.4
5 11	16 21.42	−22 0.0	1.368	2.353	7.1	21.1
5 21	16 11.67	−21 35.1	1.320	2.330	2.1	20.7
5 31	16 1.04	−21 4.9	1.298	2.307	3.2	20.7
6 10	15 50.97	−20 33.1	1.301	2.284	8.4	20.9
6 20	15 42.74	−20 4.4	1.328	2.261	13.3	21.2
6 30	15 37.30	−19 43.5	1.375	2.239	17.6	21.4

416420 2003 UW_{210} 5 24.9 266°.72 1°.1/25.3 17

4 21	16 36.13	−24 30.2	1.692	2.546	14.7	21.6
5 1	16 30.55	−24 26.4	1.595	2.524	11.2	21.3
5 11	16 22.22	−24 14.0	1.519	2.501	7.0	21.0
5 21	16 11.89	−23 52.4	1.468	2.477	2.4	20.7
5 31	16 0.71	−23 22.7	1.444	2.453	3.1	20.7
6 10	15 50.05	−22 48.4	1.447	2.429	7.9	20.9
6 20	15 41.14	−22 14.1	1.474	2.404	12.5	21.1
6 30	15 34.90	−21 45.0	1.522	2.378	16.6	21.3

297658 2001 TL_{259} 5 24.9 199°.54 5°.3/21.8 18

4 21	16 29.67	− 5 51.4	2.387	3.235	11.1	21.2
5 1	16 24.65	− 5 1.0	2.315	3.233	8.7	21.1
5 11	16 18.11	− 4 15.6	2.268	3.231	6.5	20.9
5 21	16 10.60	− 3 38.8	2.247	3.228	5.3	20.8
5 31	16 2.83	− 3 13.7	2.254	3.226	6.2	20.9
6 10	15 55.54	− 3 2.2	2.288	3.223	8.4	21.0
6 20	15 49.37	− 3 5.0	2.346	3.219	10.8	21.2
6 30	15 44.80	− 3 21.5	2.425	3.216	13.1	21.3

94310 2001 FJ_{34} 5 24.9 135°.89 6°.0/27.9 17

4 21	16 38.46	−39 13.2	2.289	3.081	13.4	20.0
5 1	16 31.64	−39 47.8	2.217	3.092	11.0	19.9
5 11	16 22.51	−40 7.2	2.168	3.102	8.5	19.7
5 21	16 11.88	−40 8.5	2.143	3.112	6.5	19.6
5 31	16 0.87	−39 50.7	2.146	3.121	6.1	19.6
6 10	15 50.64	−39 16.4	2.175	3.130	7.6	19.7
6 20	15 42.16	−38 30.3	2.230	3.139	9.9	19.9
6 30	15 36.10	−37 38.3	2.309	3.147	12.3	20.0

434144 2002 RL_{98} 5 24.9 248°.55 5°.3/21.5 18

4 21	16 30.48	− 6 15.4	2.443	3.289	11.0	21.4
5 1	16 25.33	− 5 16.6	2.354	3.271	8.6	21.2
5 11	16 18.58	− 4 21.4	2.290	3.253	6.4	21.1
5 21	16 10.76	− 3 33.5	2.253	3.234	5.3	20.9
5 31	16 2.58	− 2 56.7	2.244	3.214	6.3	21.0
6 10	15 54.78	− 2 33.5	2.262	3.195	8.6	21.1
6 20	15 48.03	− 2 25.4	2.305	3.174	11.2	21.2
6 30	15 42.89	− 2 32.1	2.369	3.154	13.6	21.4

250399 2003 UN_{183} 5 24.9 205°.36 0°.1/24.9 17

4 21	16 36.67	−21 45.2	1.974	2.821	13.1	21.4
5 1	16 30.34	−21 40.1	1.889	2.816	9.8	21.2
5 11	16 21.78	−21 29.6	1.828	2.810	5.9	20.9
5 21	16 11.70	−21 14.1	1.794	2.804	1.7	20.6
5 31	16 1.13	−20 54.9	1.788	2.797	2.6	20.7
6 10	15 51.17	−20 34.7	1.810	2.788	6.9	20.9
6 20	15 42.77	−20 16.6	1.857	2.780	10.8	21.1
6 30	15 36.64	−20 3.7	1.928	2.770	14.2	21.3

354317 2002 VW_{47} 5 24.9 223°.08 1°.1/24.1 17

4 21	16 31.30	−19 19.7	2.787	3.631	9.8	22.1
5 1	16 25.77	−18 40.8	2.693	3.620	7.3	21.9
5 11	16 18.76	−17 57.7	2.625	3.607	4.4	21.7
5 21	16 10.80	−17 12.1	2.585	3.594	1.5	21.4
5 31	16 2.55	−16 26.3	2.575	3.580	2.5	21.5
6 10	15 54.71	−15 43.2	2.595	3.566	5.6	21.7
6 20	15 47.88	−15 5.4	2.642	3.551	8.5	21.8
6 30	15 42.58	−14 35.1	2.713	3.536	11.1	22.0

513084 2017 WP_{21} 5 24.9 265°.43 0°.3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.73	−20 32.7	1.895	2.750	13.3	20.7
5 1	16 29.03	−20 54.8	1.814	2.744	9.9	20.4
5 11	16 21.06	−21 14.4	1.755	2.739	6.0	20.2
5 21	16 11.51	−21 30.9	1.723	2.733	1.8	19.9
5 31	16 1.41	−21 44.4	1.719	2.728	2.7	19.9
6 10	15 51.88	−21 55.9	1.742	2.722	6.9	20.2
6 20	15 43.90	−22 7.3	1.790	2.716	10.8	20.4
6 30	15 38.20	−22 20.8	1.860	2.711	14.2	20.6

30643 6590 P–L 5 24.9 220°.89 3°.8/26.7 18

4 21	16 34.26	−32 22.7	2.341	3.163	12.2	19.1
5 1	16 28.46	−32 48.8	2.256	3.159	9.6	18.9
5 11	16 20.61	−33 4.5	2.194	3.155	6.8	18.7
5 21	16 11.38	−33 8.2	2.158	3.150	4.4	18.5
5 31	16 1.67	−32 59.2	2.149	3.146	4.2	18.5
6 10	15 52.51	−32 39.3	2.169	3.141	6.4	18.7
6 20	15 44.76	−32 12.1	2.214	3.136	9.3	18.8
6 30	15 39.08	−31 41.7	2.283	3.130	12.1	19.0

391375 2006 WG_{14} 5 24.9 313°.41 1°.5/24.1 17

4 21	16 29.52	−19 5.1	2.128	2.988	11.9	20.9
5 1	16 24.81	−18 23.3	2.049	2.983	8.8	20.7
5 11	16 18.33	−17 37.0	1.994	2.979	5.3	20.5
5 21	16 10.70	−16 48.6	1.966	2.975	1.9	20.3
5 31	16 2.77	−16 1.2	1.966	2.971	3.1	20.3
6 10	15 55.40	−15 18.5	1.993	2.967	6.7	20.6
6 20	15 49.33	−14 43.5	2.045	2.963	10.1	20.8
6 30	15 45.12	−14 18.5	2.120	2.960	13.1	21.0

371674 2007 DR_{11} 5 24.9 145°.15 0°.8/25.4 17

4 21	16 35.70	−25 8.3	2.121	2.962	12.6	21.9
5 1	16 29.32	−24 46.9	2.051	2.974	9.4	21.7
5 11	16 20.98	−24 17.3	2.004	2.984	5.8	21.5
5 21	16 11.45	−23 40.1	1.985	2.994	1.9	21.3
5 31	16 1.68	−22 57.6	1.994	3.003	2.4	21.4
6 10	15 52.66	−22 13.4	2.032	3.011	6.2	21.6
6 20	15 45.19	−21 31.3	2.096	3.019	9.7	21.8
6 30	15 39.83	−20 55.0	2.184	3.026	12.7	22.1

262895 2007 CB_{23} 5 24.9 187°.40 0°.9/24.4 17

4 21	16 29.85	−19 7.4	2.677	3.525	10.1	22.0
5 1	16 24.73	−18 48.2	2.596	3.525	7.4	21.8
5 11	16 18.15	−18 26.2	2.541	3.524	4.4	21.7
5 21	16 10.65	−18 2.6	2.514	3.523	1.4	21.4
5 31	16 2.89	−17 39.1	2.516	3.522	2.3	21.5
6 10	15 55.59	−17 17.7	2.546	3.521	5.4	21.7
6 20	15 49.34	−17 0.5	2.603	3.519	8.3	21.9
6 30	15 44.62	−16 49.0	2.684	3.517	10.9	22.1

290502 2005 UZ_{24} 5 24.9 318°.69 0°.9/24.4 16

4 21	16 29.24	−20 33.8	2.078	2.938	12.1	20.8
5 1	16 24.70	−19 57.8	1.995	2.930	9.0	20.5
5 11	16 18.32	−19 16.1	1.937	2.922	5.4	20.3
5 21	16 10.72	−18 30.8	1.904	2.914	1.7	20.0
5 31	16 2.77	−17 44.8	1.899	2.907	2.8	20.1
6 10	15 55.38	−17 2.0	1.922	2.899	6.6	20.3
6 20	15 49.31	−16 25.5	1.969	2.892	10.2	20.5
6 30	15 45.16	−15 58.0	2.039	2.886	13.3	20.7

45555 2000 CF_{50} 5 24.9 217°.11 4°.2/22.7 18

4 21	16 33.93	−11 9.4	2.123	2.974	12.2	19.5
5 1	16 28.07	−10 19.5	2.039	2.965	9.3	19.3
5 11	16 20.32	− 9 30.6	1.980	2.955	6.2	19.1
5 21	16 11.32	− 8 46.1	1.948	2.944	4.2	19.0
5 31	16 1.90	− 8 9.5	1.943	2.933	5.3	19.0
6 10	15 53.02	− 7 44.1	1.967	2.920	8.3	19.2
6 20	15 45.44	− 7 31.6	2.015	2.907	11.5	19.3
6 30	15 39.80	− 7 32.8	2.085	2.893	14.4	19.5

379514 2010 JW_{78} 5 24.9 248°.31 1°.8/24.8 17

4 21	16 50.81	−16 47.5	1.077	1.940	20.5	20.9
5 1	16 43.22	−18 47.4	0.997	1.931	15.7	20.6
5 11	16 30.92	−21 1.4	0.938	1.921	9.8	20.2
5 21	16 14.69	−23 21.6	0.902	1.912	3.3	19.8
5 31	15 56.38	−25 36.4	0.893	1.901	4.8	19.9
6 10	15 38.61	−27 36.3	0.910	1.890	11.6	20.2
6 20	15 23.79	−29 18.0	0.950	1.879	17.7	20.5
6 30	15 13.61	−30 44.9	1.009	1.868	22.8	20.8

500137 2012 CD_{52} 5 24.9 166°.75 3°.6/23.4 17

4 21	16 34.53	−13 45.0	1.706	2.568	14.2	21.9
5 1	16 28.81	−13 2.6	1.638	2.571	10.6	21.7
5 11	16 20.85	−12 20.2	1.593	2.574	6.8	21.5
5 21	16 11.47	−11 41.3	1.573	2.576	3.8	21.3
5 31	16 1.72	−11 9.5	1.580	2.578	5.1	21.4
6 10	15 52.74	−10 48.3	1.613	2.579	8.8	21.6
6 20	15 45.44	−10 39.7	1.671	2.580	12.5	21.8
6 30	15 40.47	−10 44.5	1.749	2.581	15.8	22.0

516604 2007 JK_{46} 5 24.9 44°.00 1°.4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.55	−27 27.7	4.370	5.193	6.9	21.1
5 1	16 21.93	−27 48.2	4.284	5.194	5.3	21.0
5 11	16 16.34	−28 4.6	4.224	5.195	3.4	20.8
5 21	16 10.14	−28 16.8	4.193	5.195	1.8	20.7
5 31	16 3.73	−28 24.6	4.193	5.196	1.8	20.7
6 10	15 57.57	−28 28.7	4.221	5.197	3.4	20.8
6 20	15 52.03	−28 30.2	4.278	5.197	5.3	21.0
6 30	15 47.47	−28 30.4	4.361	5.198	7.0	21.1

75121 1999 VP_{62} 5 24.9 3°.42 0°.2/24.9 18

4 21	16 30.40	−21 37.5	1.114	2.002	18.1	18.1
5 1	16 26.87	−21 34.4	1.053	2.001	13.5	17.8
5 11	16 20.18	−21 24.3	1.011	2.001	8.2	17.5
5 21	16 11.35	−21 8.0	0.991	2.002	2.4	17.2
5 31	16 1.89	−20 48.3	0.994	2.004	3.6	17.2
6 10	15 53.49	−20 29.3	1.019	2.007	9.3	17.6
6 20	15 47.45	−20 15.5	1.065	2.012	14.5	17.9
6 30	15 44.64	−20 10.4	1.129	2.017	18.9	18.2

291761 2006 KE_{16} 5 24.9 301°.43 4°.0/23.8 17

4 21	16 33.83	−12 34.7	1.345	2.221	16.4	20.3
5 1	16 29.11	−12 21.1	1.265	2.205	12.5	20.0
5 11	16 21.48	−12 10.9	1.206	2.190	8.0	19.7
5 21	16 11.75	−12 7.0	1.170	2.175	4.3	19.4
5 31	16 1.19	−12 12.5	1.159	2.161	5.7	19.4
6 10	15 51.28	−12 29.4	1.172	2.146	10.3	19.7
6 20	15 43.34	−12 58.7	1.206	2.132	15.0	19.9
6 30	15 38.29	−13 40.4	1.260	2.119	19.2	20.1

277630 2006 BA_{56} 5 24.9 102°.65 1°.3/24.3 17

4 21	16 32.54	−18 40.0	1.819	2.681	13.4	21.0
5 1	16 27.31	−18 18.9	1.748	2.682	10.0	20.8
5 11	16 19.95	−17 54.5	1.699	2.684	6.0	20.6
5 21	16 11.22	−17 28.4	1.676	2.685	2.0	20.3
5 31	16 2.12	−17 3.1	1.680	2.687	3.2	20.4
6 10	15 53.72	−16 41.8	1.711	2.688	7.3	20.6
6 20	15 46.89	−16 27.1	1.766	2.690	11.2	20.9
6 30	15 42.27	−16 21.0	1.843	2.691	14.5	21.1

349261 2007 TG_{180} 5 24.9 192°.99 0°.1/24.9 17

4 21	16 32.05	−21 55.1	2.196	3.046	11.9	21.7
5 1	16 26.69	−21 40.7	2.117	3.046	8.8	21.5
5 11	16 19.48	−21 21.1	2.062	3.045	5.3	21.3
5 21	16 11.09	−20 57.1	2.033	3.043	1.5	21.1
5 31	16 2.35	−20 30.6	2.033	3.042	2.4	21.1
6 10	15 54.19	−20 4.2	2.061	3.040	6.1	21.4
6 20	15 47.37	−19 40.8	2.115	3.039	9.6	21.6
6 30	15 42.46	−19 22.9	2.192	3.037	12.6	21.8

278902 2008 TV_{118} 5 24.9 190°.31 1°.8/24.0 17

4 21	16 32.10	−18 0.9	1.917	2.777	12.9	21.3
5 1	16 26.88	−17 24.4	1.842	2.777	9.6	21.1
5 11	16 19.66	−16 44.4	1.792	2.776	5.8	20.8
5 21	16 11.14	−16 3.1	1.767	2.776	2.2	20.6
5 31	16 2.29	−15 23.9	1.770	2.775	3.5	20.7
6 10	15 54.09	−14 50.3	1.800	2.774	7.3	20.9
6 20	15 47.38	−14 25.2	1.855	2.773	11.0	21.1
6 30	15 42.77	−14 10.5	1.932	2.772	14.2	21.3

86093 1999 RZ_{95} 5 24.9 217°.73 2°.0/25.9 18

4 21	16 32.42	−27 13.0	2.614	3.447	10.7	19.3
5 1	16 26.85	−27 29.9	2.526	3.442	8.2	19.2
5 11	16 19.55	−27 40.3	2.464	3.437	5.3	19.0
5 21	16 11.12	−27 43.4	2.428	3.432	2.6	18.8
5 31	16 2.29	−27 39.4	2.422	3.427	2.6	18.8
6 10	15 53.91	−27 29.6	2.444	3.422	5.4	19.0
6 20	15 46.69	−27 16.4	2.492	3.416	8.3	19.1
6 30	15 41.21	−27 2.7	2.565	3.410	11.0	19.3

466860 2015 BP_{347} 5 24.9 284°.56 0°.1/24.9 17

4 21	16 36.24	−20 14.0	1.519	2.383	15.5	21.3
5 1	16 30.96	−20 27.5	1.423	2.358	11.7	21.0
5 11	16 22.70	−20 38.3	1.348	2.333	7.2	20.7
5 21	16 12.16	−20 45.8	1.297	2.307	2.1	20.3
5 31	16 0.56	−20 50.4	1.272	2.282	3.3	20.3
6 10	15 49.39	−20 53.8	1.273	2.256	8.7	20.6
6 20	15 40.04	−20 58.8	1.298	2.230	13.7	20.8
6 30	15 33.57	−21 8.7	1.342	2.203	18.1	21.0

410179 2007 RZ_{1} 5 24.9 329°.24 9°.2/21.6 17

4 21	16 28.47	− 6 35.9	1.046	1.940	18.6	20.2
5 1	16 25.56	− 5 21.9	0.979	1.922	14.8	19.9
5 11	16 19.52	− 4 15.0	0.929	1.906	11.1	19.6
5 21	16 11.23	− 3 24.3	0.900	1.890	9.2	19.5
5 31	16 2.09	− 2 58.3	0.891	1.875	10.8	19.5
6 10	15 53.75	− 3 2.1	0.903	1.862	14.7	19.7
6 20	15 47.61	− 3 35.9	0.932	1.850	19.1	19.9
6 30	15 44.65	− 4 36.4	0.977	1.839	23.2	20.1

375902 2009 VB_{95} 5 24.9 156°.33 0°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.73	−22 51.9	2.062	2.910	12.7	21.6
5 1	16 28.77	−22 50.9	1.988	2.915	9.4	21.4
5 11	16 20.77	−22 44.3	1.938	2.919	5.7	21.2
5 21	16 11.47	−22 32.2	1.914	2.923	1.8	21.0
5 31	16 1.81	−22 15.9	1.919	2.927	2.4	21.0
6 10	15 52.82	−21 57.8	1.951	2.931	6.4	21.3
6 20	15 45.33	−21 40.8	2.009	2.934	10.0	21.5
6 30	15 39.96	−21 27.8	2.090	2.937	13.1	21.7

40993 1999 UF_{2} 5 24.9 224°.39 1°.4/24.3 18

4 21	16 32.59	−17 58.1	2.099	2.954	12.2	19.1
5 1	16 27.18	−17 38.1	2.016	2.948	9.0	18.9
5 11	16 19.84	−17 15.4	1.958	2.941	5.5	18.6
5 21	16 11.22	−16 51.5	1.926	2.935	2.0	18.4
5 31	16 2.20	−16 28.6	1.922	2.928	3.1	18.5
6 10	15 53.73	−16 9.4	1.946	2.921	6.8	18.7
6 20	15 46.60	−15 56.2	1.995	2.913	10.4	18.9
6 30	15 41.45	−15 50.8	2.067	2.905	13.5	19.1

149843 2005 PX_{15} 5 24.9 259°.87 2°.5/23.9 18

4 21	16 34.12	−15 27.5	1.854	2.713	13.4	20.9
5 1	16 28.66	−15 4.6	1.762	2.694	10.0	20.6
5 11	16 20.92	−14 40.5	1.693	2.676	6.3	20.4
5 21	16 11.58	−14 17.4	1.650	2.657	2.9	20.1
5 31	16 1.61	−13 57.8	1.635	2.637	4.1	20.1
6 10	15 52.13	−13 44.8	1.646	2.618	8.1	20.3
6 20	15 44.12	−13 40.5	1.682	2.597	12.1	20.5
6 30	15 38.36	−13 46.6	1.739	2.577	15.6	20.7

393917 2005 UF_{47} 5 24.9 264°.17 0°.8/25.2 18

4 21	16 32.60	−22 44.7	2.477	3.320	10.9	21.3
5 1	16 27.10	−23 1.0	2.381	3.305	8.2	21.1
5 11	16 19.80	−23 13.5	2.309	3.290	5.1	20.8
5 21	16 11.23	−23 21.9	2.265	3.274	1.7	20.6
5 31	16 2.18	−23 26.3	2.250	3.258	2.2	20.6
6 10	15 53.49	−23 27.9	2.263	3.242	5.7	20.8
6 20	15 45.94	−23 28.4	2.303	3.226	8.9	21.0
6 30	15 40.15	−23 30.1	2.366	3.209	11.8	21.1

92978 2000 RB_{68} 5 24.9 299°.44 4°.7/26.4 18

4 21	16 35.18	−31 22.5	1.619	2.463	15.7	18.6
5 1	16 30.32	−31 53.0	1.516	2.433	12.5	18.3
5 11	16 22.41	−32 11.8	1.434	2.403	8.8	18.0
5 21	16 12.12	−32 14.9	1.375	2.373	5.5	17.7
5 31	16 0.70	−32 0.4	1.342	2.343	5.3	17.6
6 10	15 49.71	−31 30.1	1.334	2.312	8.8	17.7
6 20	15 40.60	−30 49.3	1.349	2.282	13.1	17.9
6 30	15 34.49	−30 5.0	1.384	2.252	17.2	18.1

166580 2002 RK_{136} 5 24.9 268°.69 5°.0/22.5 18

4 21	16 31.51	− 7 37.4	2.146	2.998	12.1	20.3
5 1	16 26.38	− 7 1.4	2.056	2.979	9.4	20.1
5 11	16 19.39	− 6 29.7	1.990	2.959	6.7	19.9
5 21	16 11.12	− 6 5.6	1.950	2.940	5.1	19.7
5 31	16 2.37	− 5 52.3	1.937	2.919	6.0	19.7
6 10	15 54.04	− 5 52.1	1.951	2.899	8.7	19.9
6 20	15 46.90	− 6 5.6	1.989	2.879	11.8	20.0
6 30	15 41.59	− 6 32.6	2.049	2.858	14.6	20.2

164980 2000 AW_{152} 5 24.9 175°.84 6°.5/29.7 18

4 21	16 39.01	−44 1.6	2.379	3.146	13.6	20.0
5 1	16 32.00	−43 54.9	2.294	3.148	11.4	19.8
5 11	16 22.71	−43 28.3	2.231	3.149	9.1	19.6
5 21	16 12.03	−42 39.7	2.193	3.150	7.2	19.5
5 31	16 1.12	−41 29.3	2.182	3.151	6.5	19.5
6 10	15 51.15	−40 1.3	2.198	3.151	7.6	19.5
6 20	15 43.04	−38 22.1	2.241	3.151	9.8	19.7
6 30	15 37.38	−36 39.4	2.309	3.150	12.1	19.8

523041 2016 PA_{127} 5 24.9 18°.98 3°.2/23.2 17

4 21	16 29.39	−13 24.4	2.180	3.040	11.6	21.1
5 1	16 24.65	−12 42.3	2.108	3.040	8.7	20.9
5 11	16 18.23	−12 0.5	2.061	3.041	5.6	20.7
5 21	16 10.76	−11 21.7	2.040	3.042	3.3	20.6
5 31	16 3.02	−10 49.1	2.046	3.042	4.3	20.7
6 10	15 55.82	−10 25.3	2.080	3.043	7.3	20.8
6 20	15 49.87	−10 12.1	2.138	3.044	10.4	21.0
6 30	15 45.66	−10 10.2	2.219	3.045	13.1	21.2

6068 Brandenburg 5 24.9 163°.82 1°.7/23.9 18

4 21	16 30.31	−17 46.8	2.408	3.262	10.9	18.0
5 1	16 25.18	−17 6.9	2.333	3.264	8.0	17.8
5 11	16 18.49	−16 24.0	2.283	3.266	4.9	17.6
5 21	16 10.83	−15 40.4	2.260	3.268	2.0	17.4
5 31	16 2.93	−14 58.9	2.266	3.270	3.0	17.5
6 10	15 55.56	−14 22.2	2.300	3.271	6.2	17.7
6 20	15 49.37	−13 52.8	2.361	3.273	9.2	17.9
6 30	15 44.85	−13 32.5	2.444	3.274	11.9	18.0

153834 2001 XD_6 5 24.9 204°.31 0°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.34	−19 7.8	2.135	2.985	12.2	21.4
5 1	16 28.46	−18 53.9	2.052	2.981	9.0	21.1
5 11	16 20.61	−18 36.7	1.993	2.976	5.5	20.9
5 21	16 11.47	−18 17.3	1.961	2.971	1.7	20.6
5 31	16 1.92	−17 57.4	1.958	2.965	2.8	20.7
6 10	15 52.93	−17 39.5	1.982	2.958	6.6	20.9
6 20	15 45.31	−17 26.1	2.033	2.951	10.2	21.1
6 30	15 39.70	−17 19.3	2.106	2.944	13.3	21.3

465387 2008 FD_{31} 5 24.9 47°.84 1°.0/24.6 17

4 21	16 33.68	−20 12.7	1.352	2.226	16.4	21.4
5 1	16 28.65	−19 50.6	1.297	2.238	12.1	21.1
5 11	16 20.94	−19 23.0	1.263	2.250	7.3	20.9
5 21	16 11.57	−18 52.0	1.253	2.263	2.2	20.6
5 31	16 1.88	−18 20.9	1.268	2.276	3.5	20.7
6 10	15 53.25	−17 54.1	1.307	2.290	8.5	21.1
6 20	15 46.73	−17 35.0	1.369	2.303	13.0	21.4
6 30	15 42.99	−17 26.4	1.452	2.317	16.7	21.6

395988 2013 BC_{35} 5 24.9 91°.40 6°.5/21.9 17

4 21	16 30.55	− 0 18.3	2.419	3.253	11.5	20.8
5 1	16 25.20	+ 0 15.2	2.366	3.268	9.3	20.7
5 11	16 18.42	+ 0 38.8	2.338	3.283	7.4	20.6
5 21	16 10.80	+ 0 49.7	2.334	3.297	6.5	20.5
5 31	16 3.03	+ 0 45.8	2.358	3.312	7.1	20.6
6 10	15 55.81	+ 0 26.5	2.408	3.326	8.8	20.7
6 20	15 49.74	− 0 7.0	2.483	3.340	10.9	20.9
6 30	15 45.25	− 0 53.1	2.578	3.354	12.8	21.0

4067 Mikhel′son 5 24.9 188°.14 3°.0/26.5 18

4 21	16 35.93	−30 45.7	2.290	3.114	12.3	17.7
5 1	16 29.67	−30 53.0	2.206	3.114	9.6	17.5
5 11	16 21.35	−30 49.7	2.146	3.113	6.5	17.3
5 21	16 11.69	−30 34.6	2.112	3.111	3.7	17.1
5 31	16 1.63	−30 8.3	2.107	3.109	3.5	17.1
6 10	15 52.19	−29 33.4	2.130	3.106	6.2	17.3
6 20	15 44.23	−28 53.7	2.179	3.102	9.4	17.5
6 30	15 38.38	−28 13.9	2.252	3.098	12.2	17.7

373217 2012 FJ_{36} 5 24.9 5°.76 4°.7/23.1 17

4 21	16 29.92	−14 0.2	1.234	2.121	16.8	20.8
5 1	16 26.09	−13 1.5	1.174	2.120	12.6	20.5
5 11	16 19.53	−12 2.2	1.135	2.121	8.1	20.3
5 21	16 11.20	−11 7.8	1.119	2.122	4.8	20.1
5 31	16 2.42	−10 24.5	1.126	2.125	6.4	20.2
6 10	15 54.59	− 9 57.1	1.156	2.128	10.7	20.4
6 20	15 48.82	− 9 48.1	1.207	2.132	15.1	20.7
6 30	15 45.82	− 9 57.5	1.276	2.137	18.9	20.9

208969 2002 XW_{82} 5 24.9 87°.69 0°.3/25.1 18

4 21	16 35.29	−20 39.9	2.155	3.002	12.2	19.8
5 1	16 29.05	−21 6.2	2.091	3.018	9.0	19.6
5 11	16 20.90	−21 29.8	2.051	3.033	5.4	19.4
5 21	16 11.54	−21 50.0	2.039	3.048	1.6	19.2
5 31	16 1.89	−22 6.8	2.055	3.063	2.3	19.3
6 10	15 52.89	−22 21.2	2.099	3.078	6.0	19.5
6 20	15 45.33	−22 34.7	2.170	3.093	9.4	19.8
6 30	15 39.79	−22 49.1	2.264	3.108	12.3	20.0

331366 2012 DN_{34} 5 24.9 358°.94 0°.4/25.1 17

4 21	16 30.09	−23 4.1	1.181	2.065	17.6	20.4
5 1	16 26.56	−22 49.6	1.116	2.062	13.2	20.1
5 11	16 19.99	−22 25.7	1.072	2.060	8.0	19.8
5 21	16 11.37	−21 53.5	1.049	2.059	2.4	19.4
5 31	16 2.14	−21 16.3	1.049	2.059	3.5	19.5
6 10	15 53.92	−20 39.6	1.072	2.060	9.0	19.8
6 20	15 47.97	−20 8.6	1.117	2.063	14.1	20.1
6 30	15 45.10	−19 47.6	1.180	2.066	18.4	20.4

76306 2000 ES_{136} 5 24.9 65°.86 0°.6/25.2 18

4 21	16 33.49	−22 56.2	1.861	2.716	13.5	19.2
5 1	16 27.96	−22 58.1	1.800	2.730	10.0	19.0
5 11	16 20.32	−22 54.2	1.762	2.744	6.1	18.8
5 21	16 11.38	−22 44.6	1.750	2.759	1.9	18.5
5 31	16 2.17	−22 30.8	1.765	2.774	2.6	18.6
6 10	15 53.74	−22 15.3	1.806	2.788	6.6	18.9
6 20	15 46.95	−22 1.0	1.874	2.803	10.3	19.2
6 30	15 42.40	−21 50.9	1.963	2.818	13.4	19.4

100274 1994 WU_5 5 24.9 159°.84 0°.8/24.6 17

4 21	16 34.58	−20 23.5	1.827	2.684	13.6	21.1
5 1	16 28.83	−19 59.1	1.755	2.688	10.1	20.9
5 11	16 20.89	−19 29.5	1.707	2.691	6.1	20.7
5 21	16 11.56	−18 56.2	1.684	2.694	1.8	20.4
5 31	16 1.87	−18 22.0	1.689	2.697	3.0	20.5
6 10	15 52.93	−17 50.4	1.721	2.699	7.2	20.8
6 20	15 45.63	−17 24.7	1.778	2.701	11.1	21.0
6 30	15 40.61	−17 7.6	1.857	2.703	14.5	21.2

293984 2007 TC_{67} 5 24.9 208°.76 0°.5/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.02	−20 31.7	2.250	3.101	11.6	21.9
5 1	16 26.66	−20 14.2	2.168	3.098	8.6	21.7
5 11	16 19.49	−19 52.3	2.111	3.094	5.2	21.5
5 21	16 11.16	−19 27.2	2.080	3.090	1.5	21.2
5 31	16 2.47	−19 0.8	2.078	3.086	2.5	21.3
6 10	15 54.32	−18 35.8	2.104	3.082	6.2	21.5
6 20	15 47.46	−18 14.6	2.156	3.077	9.6	21.7
6 30	15 42.46	−17 59.7	2.231	3.072	12.5	21.9

70292 1999 RC_{123} 5 24.9 49°.33 2°.0/24.1 18

4 21	16 33.37	−19 26.1	1.403	2.276	16.0	18.5
5 1	16 28.40	−18 37.5	1.340	2.280	11.8	18.2
5 11	16 20.82	−17 42.4	1.298	2.285	7.1	18.0
5 21	16 11.56	−16 44.4	1.280	2.289	2.6	17.7
5 31	16 1.92	−15 48.6	1.287	2.294	4.2	17.8
6 10	15 53.25	−15 0.6	1.320	2.298	8.9	18.1
6 20	15 46.59	−14 24.6	1.375	2.303	13.4	18.4
6 30	15 42.64	−14 3.4	1.450	2.308	17.2	18.6

148373 2000 SP_{165} 5 24.9 202°.68 0°.1/24.9 18

4 21	16 30.53	−22 25.4	3.087	3.925	9.1	21.0
5 1	16 25.12	−22 1.0	2.997	3.920	6.8	20.9
5 11	16 18.39	−21 31.9	2.934	3.914	4.1	20.7
5 21	16 10.82	−20 58.9	2.898	3.908	1.2	20.4
5 31	16 3.01	−20 23.7	2.893	3.901	1.8	20.5
6 10	15 55.60	−19 48.5	2.917	3.894	4.7	20.7
6 20	15 49.13	−19 15.5	2.969	3.886	7.4	20.8
6 30	15 44.04	−18 47.0	3.047	3.878	9.8	21.0

413844 2006 SA_{210} 5 24.9 135°.47 0°.5/24.7 15

4 21	16 36.53	−20 33.1	2.112	2.958	12.5	22.9
5 1	16 29.90	−20 16.5	2.047	2.974	9.2	22.7
5 11	16 21.36	−19 55.4	2.007	2.989	5.5	22.5
5 21	16 11.67	−19 30.9	1.994	3.003	1.6	22.3
5 31	16 1.77	−19 5.0	2.009	3.017	2.6	22.4
6 10	15 52.61	−18 40.6	2.053	3.030	6.4	22.7
6 20	15 44.98	−18 20.2	2.124	3.042	9.8	22.9
6 30	15 39.41	−18 6.3	2.217	3.053	12.8	23.1

254578 2005 GR_{31} 5 24.9 26°.11 0°.7/25.2 17

4 21	16 32.91	−23 38.5	1.223	2.101	17.6	19.9
5 1	16 28.47	−23 28.7	1.165	2.107	13.1	19.6
5 11	16 21.03	−23 9.4	1.127	2.114	8.0	19.3
5 21	16 11.65	−22 41.5	1.112	2.122	2.5	19.0
5 31	16 1.81	−22 7.8	1.120	2.130	3.4	19.1
6 10	15 53.09	−21 33.4	1.153	2.139	8.7	19.5
6 20	15 46.68	−21 3.4	1.207	2.149	13.6	19.8
6 30	15 43.33	−20 42.3	1.280	2.159	17.7	20.0

55191 2001 QG_{297} 5 24.9 210°.83 6°.8/21.4 18

4 21	16 32.79	− 2 39.7	2.177	3.017	12.4	18.7
5 1	16 27.17	− 1 44.7	2.102	3.011	9.9	18.6
5 11	16 19.79	− 0 57.4	2.051	3.004	7.8	18.4
5 21	16 11.25	− 0 21.9	2.027	2.996	6.8	18.3
5 31	16 2.37	− 0 1.9	2.029	2.988	7.6	18.4
6 10	15 54.00	+ 0 0.5	2.057	2.979	9.8	18.5
6 20	15 46.88	− 0 14.6	2.109	2.970	12.4	18.6
6 30	15 41.56	− 0 45.9	2.182	2.960	14.8	18.8

439426 2013 EL_{12} 5 24.9 261°.33 7°.8/19.6 18

4 21	16 28.39	+ 3 26.5	2.536	3.360	11.3	21.1
5 1	16 23.75	+ 4 29.3	2.463	3.349	9.6	20.9
5 11	16 17.65	+ 5 22.0	2.414	3.338	8.2	20.8
5 21	16 10.63	+ 6 0.3	2.390	3.326	7.8	20.8
5 31	16 3.32	+ 6 20.8	2.392	3.315	8.6	20.8
6 10	15 56.40	+ 6 21.9	2.419	3.303	10.1	20.9
6 20	15 50.49	+ 6 3.9	2.468	3.291	12.0	21.0
6 30	15 46.06	+ 5 28.6	2.537	3.279	13.8	21.1

115412 2003 SN_{297} 5 24.9 91°.82 9°.5/19.9 18

4 21	16 36.02	− 0 59.4	1.645	2.490	15.4	19.6
5 1	16 29.54	+ 1 1.8	1.613	2.519	12.5	19.5
5 11	16 21.08	+ 2 49.8	1.605	2.548	10.3	19.4
5 21	16 11.56	+ 4 16.8	1.622	2.575	9.5	19.4
5 31	16 2.04	+ 5 17.1	1.664	2.602	10.6	19.6
6 10	15 53.55	+ 5 48.7	1.730	2.629	12.7	19.7
6 20	15 46.84	+ 5 52.9	1.818	2.654	15.1	20.0
6 30	15 42.38	+ 5 33.6	1.924	2.679	17.2	20.2

94444 2001 TK_{76} 5 24.9 113°.82 0°.8/25.2 18

4 21	16 38.41	−22 24.8	1.458	2.319	16.2	19.2
5 1	16 32.19	−22 37.1	1.395	2.328	12.1	19.0
5 11	16 23.15	−22 43.4	1.354	2.338	7.4	18.7
5 21	16 12.25	−22 42.9	1.337	2.347	2.3	18.4
5 31	16 0.89	−22 36.6	1.346	2.355	3.1	18.5
6 10	15 50.54	−22 27.3	1.381	2.364	8.1	18.8
6 20	15 42.33	−22 18.6	1.440	2.372	12.6	19.1
6 30	15 37.05	−22 14.3	1.519	2.380	16.4	19.4

497538 2006 CW_{13} 5 24.9 166°.28 1°.9/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 35.40	−27 50.5	2.354	3.185	11.8	23.1
5 1	16 29.11	−27 47.8	2.275	3.190	9.0	22.9
5 11	16 20.94	−27 36.3	2.221	3.195	5.8	22.7
5 21	16 11.58	−27 15.8	2.194	3.199	2.7	22.5
5 31	16 1.91	−26 47.2	2.196	3.202	2.7	22.5
6 10	15 52.87	−26 13.3	2.226	3.205	5.8	22.7
6 20	15 45.23	−25 37.5	2.284	3.207	9.0	22.9
6 30	15 39.57	−25 3.7	2.365	3.209	11.8	23.1

411722 2012 BC_{21} 5 24.9 128°.92 2°.2/24.1 17

4 21	16 35.78	−16 50.4	1.709	2.569	14.3	21.5
5 1	16 29.73	−16 23.4	1.646	2.579	10.6	21.3
5 11	16 21.43	−15 54.5	1.606	2.589	6.4	21.1
5 21	16 11.73	−15 25.8	1.591	2.599	2.6	20.9
5 31	16 1.73	−15 0.3	1.604	2.608	3.9	21.0
6 10	15 52.57	−14 41.1	1.643	2.617	7.9	21.2
6 20	15 45.17	−14 30.6	1.707	2.626	11.8	21.5
6 30	15 40.14	−14 30.3	1.792	2.633	15.1	21.7

144750 2004 GN_{87} 5 24.9 305°.94 3°.9/23.5 18

4 21	16 31.58	− 9 42.6	2.049	2.905	12.4	19.6
5 1	16 26.45	− 9 32.1	1.971	2.899	9.4	19.4
5 11	16 19.44	− 9 26.3	1.917	2.893	6.3	19.2
5 21	16 11.18	− 9 27.3	1.889	2.887	4.1	19.1
5 31	16 2.51	− 9 36.9	1.888	2.881	5.0	19.1
6 10	15 54.35	− 9 56.3	1.913	2.876	7.9	19.3
6 20	15 47.50	−10 25.5	1.964	2.870	11.1	19.4
6 30	15 42.56	−11 4.1	2.037	2.865	14.0	19.6

73732 1993 FH_{60} 5 24.9 105°.29 0°.1/24.9 17

4 21	16 36.39	−21 47.4	1.647	2.504	14.8	20.0
5 1	16 30.34	−21 42.9	1.585	2.517	11.0	19.8
5 11	16 21.86	−21 32.7	1.545	2.529	6.6	19.6
5 21	16 11.87	−21 17.2	1.531	2.541	1.9	19.3
5 31	16 1.55	−20 58.4	1.543	2.553	2.9	19.4
6 10	15 52.14	−20 39.2	1.583	2.564	7.4	19.7
6 20	15 44.61	−20 23.1	1.646	2.575	11.5	19.9
6 30	15 39.63	−20 13.1	1.731	2.586	15.0	20.2

7677 Sawa 5 24.9 258°.35 1°.5/24.4 18

4 21	16 34.10	−18 22.2	1.677	2.540	14.3	17.9
5 1	16 28.82	−18 2.7	1.595	2.530	10.7	17.6
5 11	16 21.10	−17 39.6	1.535	2.520	6.5	17.3
5 21	16 11.70	−17 14.6	1.500	2.509	2.2	17.0
5 31	16 1.72	−16 50.4	1.492	2.498	3.6	17.1
6 10	15 52.37	−16 30.2	1.510	2.487	8.1	17.3
6 20	15 44.71	−16 17.1	1.552	2.476	12.3	17.6
6 30	15 39.51	−16 13.5	1.615	2.465	16.0	17.8

307553 2003 EJ_{37} 5 24.9 36°.58 4°.8/24.1 17

4 21	16 35.52	− 8 32.4	1.428	2.295	16.1	19.6
5 1	16 29.88	− 8 42.9	1.371	2.304	12.3	19.4
5 11	16 21.69	− 9 2.5	1.335	2.313	8.2	19.2
5 21	16 11.84	− 9 32.9	1.323	2.323	5.1	19.1
5 31	16 1.59	−10 14.8	1.337	2.334	5.9	19.1
6 10	15 52.25	−11 7.5	1.375	2.345	9.6	19.4
6 20	15 44.86	−12 9.2	1.437	2.356	13.5	19.6
6 30	15 40.14	−13 18.1	1.520	2.368	17.0	19.9

474838 2005 SD_{67} 5 24.9 274°.28 3°.4/22.9 16

4 21	16 29.23	−12 38.6	2.269	3.127	11.3	21.8
5 1	16 24.55	−11 52.5	2.189	3.119	8.5	21.6
5 11	16 18.22	−11 6.6	2.133	3.111	5.6	21.4
5 21	16 10.82	−10 23.9	2.103	3.103	3.5	21.2
5 31	16 3.11	− 9 47.7	2.102	3.095	4.5	21.3
6 10	15 55.87	− 9 20.7	2.127	3.087	7.4	21.4
6 20	15 49.79	− 9 4.9	2.178	3.079	10.4	21.6
6 30	15 45.41	− 9 1.0	2.251	3.071	13.1	21.8

398895 2013 CQ_{116} 5 24.9 163°.25 4°.8/27.4 17

4 21	16 34.04	−36 21.3	2.513	3.318	12.0	20.9
5 1	16 28.28	−36 51.8	2.432	3.319	9.7	20.8
5 11	16 20.55	−37 10.4	2.374	3.320	7.2	20.6
5 21	16 11.51	−37 14.9	2.342	3.321	5.3	20.5
5 31	16 2.05	−37 4.6	2.337	3.322	5.0	20.5
6 10	15 53.16	−36 41.4	2.360	3.323	6.6	20.6
6 20	15 45.66	−36 8.6	2.408	3.323	9.0	20.7
6 30	15 40.18	−35 30.9	2.480	3.324	11.3	20.9

282123 2001 DU_{39} 5 24.9 62°.39 6°.3/22.5 17

4 21	16 32.13	− 6 1.1	1.715	2.574	14.2	20.0
5 1	16 26.89	− 5 16.8	1.664	2.589	11.1	19.9
5 11	16 19.65	− 4 40.5	1.636	2.604	8.0	19.7
5 21	16 11.21	− 4 16.5	1.633	2.619	6.3	19.6
5 31	16 2.58	− 4 7.8	1.655	2.634	7.3	19.7
6 10	15 54.75	− 4 16.0	1.703	2.649	9.9	19.9
6 20	15 48.52	− 4 40.3	1.773	2.665	12.9	20.1
6 30	15 44.42	− 5 19.1	1.864	2.680	15.6	20.3

436633 2011 OB_{46} 5 24.9 291°.83 1°.5/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.25	−17 21.1	1.892	2.753	13.0	21.5
5 1	16 27.28	−17 15.7	1.803	2.737	9.7	21.3
5 11	16 20.12	−17 8.9	1.736	2.721	5.9	21.0
5 21	16 11.43	−17 1.8	1.695	2.704	2.1	20.8
5 31	16 2.14	−16 56.1	1.681	2.688	3.3	20.8
6 10	15 53.34	−16 53.8	1.694	2.672	7.4	21.0
6 20	15 45.96	−16 57.0	1.732	2.656	11.3	21.2
6 30	15 40.75	−17 7.3	1.791	2.640	14.8	21.4

306971 2001 VF_{62} 5 24.9 252°.08 1°.3/25.5 18

4 21	16 34.65	−25 26.7	1.879	2.728	13.6	20.6
5 1	16 29.14	−25 20.0	1.789	2.715	10.3	20.4
5 11	16 21.26	−25 4.6	1.722	2.702	6.5	20.1
5 21	16 11.75	−24 40.1	1.681	2.689	2.4	19.8
5 31	16 1.66	−24 8.1	1.666	2.675	2.8	19.8
6 10	15 52.16	−23 31.7	1.679	2.661	7.0	20.1
6 20	15 44.27	−22 55.4	1.718	2.647	11.1	20.3
6 30	15 38.75	−22 23.4	1.778	2.632	14.6	20.5

315525 2008 AL_{105} 5 24.9 40°.28 0°.6/24.8 17

4 21	16 34.58	−19 45.1	1.323	2.197	16.7	20.7
5 1	16 29.49	−19 46.9	1.264	2.205	12.4	20.5
5 11	16 21.58	−19 44.9	1.227	2.214	7.5	20.2
5 21	16 11.83	−19 39.9	1.213	2.223	2.2	19.9
5 31	16 1.64	−19 33.4	1.224	2.233	3.4	20.0
6 10	15 52.47	−19 28.5	1.259	2.243	8.6	20.3
6 20	15 45.46	−19 28.0	1.316	2.253	13.2	20.6
6 30	15 41.36	−19 34.4	1.394	2.263	17.1	20.9

236646 2006 KW_{61} 5 24.9 110°.56 3°.1/23.6 17

4 21	16 31.71	−13 28.8	1.942	2.803	12.8	20.7
5 1	16 26.57	−13 0.7	1.871	2.804	9.5	20.5
5 11	16 19.51	−12 33.6	1.824	2.805	6.1	20.3
5 21	16 11.20	−12 9.9	1.803	2.806	3.3	20.1
5 31	16 2.56	−11 52.4	1.809	2.808	4.4	20.2
6 10	15 54.55	−11 43.3	1.841	2.809	7.8	20.4
6 20	15 47.95	−11 44.2	1.899	2.810	11.2	20.6
6 30	15 43.37	−11 55.5	1.977	2.811	14.2	20.8

185264 2006 UC_{128} 5 24.9 218°.51 1°.1/25.5 18

4 21	16 31.93	−25 4.6	2.433	3.274	11.2	21.1
5 1	16 26.57	−25 0.8	2.347	3.270	8.4	20.9
5 11	16 19.45	−24 50.6	2.286	3.265	5.2	20.7
5 21	16 11.19	−24 33.9	2.252	3.260	1.9	20.5
5 31	16 2.57	−24 11.9	2.246	3.254	2.2	20.5
6 10	15 54.45	−23 46.8	2.269	3.249	5.6	20.7
6 20	15 47.55	−23 21.5	2.318	3.243	8.8	20.9
6 30	15 42.44	−22 58.8	2.391	3.237	11.6	21.1

350109 2011 PB_{15} 5 24.9 280°.93 5°.0/20.4 18

4 21	16 23.86	+ 5 33.9	4.421	5.224	7.2	20.1
5 1	16 19.89	+ 5 55.6	4.351	5.219	6.1	20.1
5 11	16 15.13	+ 6 9.8	4.305	5.214	5.3	20.0
5 21	16 9.90	+ 6 14.7	4.285	5.208	5.0	20.0
5 31	16 4.54	+ 6 9.2	4.292	5.203	5.4	20.0
6 10	15 59.41	+ 5 52.9	4.326	5.198	6.3	20.0
6 20	15 54.83	+ 5 26.2	4.384	5.193	7.4	20.1
6 30	15 51.07	+ 4 49.9	4.465	5.188	8.5	20.2

286017 2001 SJ_{144} 5 24.9 170°.34 0°.6/24.6 17

4 21	16 31.37	−20 11.7	2.567	3.413	10.5	21.2
5 1	16 25.94	−19 51.0	2.489	3.416	7.7	21.0
5 11	16 18.97	−19 26.6	2.436	3.419	4.6	20.8
5 21	16 11.03	−18 59.7	2.411	3.421	1.4	20.6
5 31	16 2.84	−18 32.1	2.415	3.422	2.3	20.6
6 10	15 55.16	−18 6.1	2.448	3.424	5.5	20.9
6 20	15 48.60	−17 43.9	2.507	3.425	8.5	21.1
6 30	15 43.68	−17 27.6	2.591	3.425	11.2	21.2

20547 1999 RD_{105} 5 24.9 349°.35 3°.0/23.5 18

4 21	16 28.90	−14 17.0	1.974	2.839	12.4	17.7
5 1	16 24.52	−13 41.5	1.900	2.836	9.2	17.5
5 11	16 18.28	−13 5.8	1.850	2.833	5.9	17.3
5 21	16 10.86	−12 32.8	1.826	2.830	3.2	17.1
5 31	16 3.10	−12 5.4	1.828	2.828	4.3	17.2
6 10	15 55.91	−11 46.6	1.857	2.826	7.6	17.3
6 20	15 50.05	−11 38.0	1.911	2.825	11.0	17.5
6 30	15 46.11	−11 40.6	1.986	2.824	14.0	17.7

367113 2006 SM_{26} 5 24.9 232°.77 0°.3/24.8 17

4 21	16 34.98	−22 25.0	1.817	2.671	13.8	21.3
5 1	16 29.33	−21 54.2	1.731	2.661	10.3	21.1
5 11	16 21.35	−21 15.3	1.668	2.651	6.3	20.8
5 21	16 11.78	−20 29.8	1.631	2.641	1.8	20.5
5 31	16 1.70	−19 40.6	1.621	2.629	2.9	20.5
6 10	15 52.27	−18 52.1	1.638	2.618	7.4	20.8
6 20	15 44.49	−18 8.8	1.681	2.606	11.6	21.0
6 30	15 39.08	−17 34.6	1.745	2.593	15.2	21.2

297072 2010 JO_{86} 5 24.9 327°.72 8°.4/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.57	− 1 1.8	1.782	2.636	14.0	20.0
5 1	16 24.48	− 0 5.3	1.707	2.621	11.5	19.8
5 11	16 18.38	+ 0 40.7	1.655	2.607	9.3	19.6
5 21	16 10.92	+ 1 10.7	1.626	2.593	8.4	19.5
5 31	16 3.01	+ 1 20.3	1.622	2.580	9.3	19.5
6 10	15 55.62	+ 1 7.4	1.641	2.567	11.6	19.6
6 20	15 49.61	+ 0 32.6	1.682	2.555	14.4	19.8
6 30	15 45.64	− 0 21.8	1.742	2.543	17.1	19.9

288734 2004 RC_{47} 5 24.9 276°.85 2°.4/23.6 18

4 21	16 29.56	−14 50.1	2.432	3.286	10.7	21.0
5 1	16 24.80	−14 18.2	2.338	3.268	8.0	20.8
5 11	16 18.41	−13 45.2	2.268	3.250	5.0	20.6
5 21	16 10.92	−13 13.3	2.226	3.231	2.6	20.4
5 31	16 3.03	−12 45.0	2.212	3.212	3.6	20.4
6 10	15 55.53	−12 22.8	2.226	3.193	6.6	20.6
6 20	15 49.10	−12 8.7	2.266	3.174	9.7	20.7
6 30	15 44.29	−12 4.0	2.329	3.155	12.5	20.9

183292 2002 TK_{376} 5 24.9 40°.71 9°.6/30.8 17

4 21	16 38.78	−46 9.5	1.670	2.453	17.9	18.2
5 1	16 32.66	−46 48.7	1.624	2.480	15.2	18.1
5 11	16 23.43	−47 2.4	1.596	2.507	12.5	18.0
5 21	16 12.34	−46 46.4	1.590	2.534	10.4	17.9
5 31	16 1.07	−46 0.7	1.607	2.562	9.6	17.9
6 10	15 51.24	−44 50.4	1.648	2.591	10.4	18.0
6 20	15 44.01	−43 24.2	1.712	2.620	12.4	18.2
6 30	15 39.99	−41 51.6	1.797	2.649	14.6	18.4

257341 2009 JE_{16} 5 24.9 331°.88 3°.4/23.4 16

4 21	16 29.32	−12 51.3	1.985	2.849	12.4	20.7
5 1	16 24.85	−12 20.7	1.908	2.842	9.3	20.5
5 11	16 18.52	−11 51.2	1.855	2.836	6.0	20.3
5 21	16 10.96	−11 25.5	1.827	2.830	3.5	20.1
5 31	16 3.03	−11 6.6	1.827	2.824	4.6	20.2
6 10	15 55.63	−10 56.9	1.852	2.819	7.8	20.3
6 20	15 49.54	−10 57.7	1.902	2.813	11.1	20.5
6 30	15 45.37	−11 9.7	1.973	2.809	14.1	20.7

105693 2000 SU_{62} 5 24.9 178°.15 2°.2/26.2 18

4 21	16 32.64	−28 45.1	2.646	3.475	10.8	20.7
5 1	16 26.99	−28 52.1	2.564	3.476	8.2	20.5
5 11	16 19.68	−28 51.2	2.506	3.477	5.4	20.3
5 21	16 11.28	−28 41.8	2.475	3.477	2.8	20.2
5 31	16 2.57	−28 24.5	2.473	3.477	2.7	20.2
6 10	15 54.36	−28 1.3	2.499	3.477	5.3	20.3
6 20	15 47.34	−27 34.9	2.553	3.477	8.2	20.5
6 30	15 42.05	−27 8.5	2.631	3.476	10.7	20.7

11882 1990 RA_{3} 5 24.9 228°.01 0°.1/24.9 18

4 21	16 33.15	−21 49.8	2.060	2.912	12.5	19.0
5 1	16 27.72	−21 34.6	1.976	2.906	9.3	18.8
5 11	16 20.28	−21 13.8	1.916	2.899	5.6	18.6
5 21	16 11.49	−20 48.2	1.882	2.892	1.6	18.3
5 31	16 2.27	−20 19.8	1.877	2.886	2.5	18.3
6 10	15 53.63	−19 51.6	1.899	2.878	6.5	18.6
6 20	15 46.41	−19 26.5	1.946	2.871	10.2	18.8
6 30	15 41.25	−19 7.6	2.016	2.863	13.5	19.0

374177 2004 XA_{39} 5 24.9 157°.20 4°.3/22.5 17

4 21	16 32.42	− 7 12.7	2.674	3.513	10.3	21.6
5 1	16 26.54	− 6 35.4	2.607	3.522	8.0	21.5
5 11	16 19.27	− 6 2.3	2.566	3.531	5.7	21.3
5 21	16 11.15	− 5 36.1	2.553	3.539	4.3	21.3
5 31	16 2.85	− 5 18.9	2.568	3.546	5.1	21.3
6 10	15 55.04	− 5 12.3	2.612	3.553	7.2	21.5
6 20	15 48.30	− 5 16.8	2.682	3.558	9.5	21.6
6 30	15 43.07	− 5 32.1	2.774	3.563	11.7	21.8

251682 1995 US_{30} 5 24.9 227°.70 0°.7/24.7 18

4 21	16 35.83	−20 1.2	1.912	2.765	13.3	21.5
5 1	16 29.90	−19 50.3	1.825	2.755	9.9	21.3
5 11	16 21.70	−19 35.2	1.760	2.744	6.0	21.0
5 21	16 11.93	−19 16.6	1.722	2.732	1.8	20.7
5 31	16 1.60	−18 56.3	1.712	2.720	2.9	20.7
6 10	15 51.85	−18 37.0	1.730	2.708	7.2	21.0
6 20	15 43.62	−18 21.8	1.773	2.695	11.2	21.2
6 30	15 37.68	−18 13.3	1.837	2.681	14.7	21.4

154827 2004 RM_{7} 5 24.9 232°.45 10°.2/29.4 18

4 21	16 46.62	−55 4.6	2.829	3.509	13.5	19.8
5 1	16 38.73	−56 34.3	2.744	3.501	12.3	19.6
5 11	16 27.52	−57 46.3	2.679	3.493	11.2	19.6
5 21	16 13.74	−58 34.6	2.636	3.485	10.4	19.5
5 31	15 58.72	−58 54.9	2.617	3.476	10.2	19.5
6 10	15 44.18	−58 47.2	2.621	3.468	10.7	19.5
6 20	15 31.67	−58 15.2	2.647	3.459	11.6	19.5
6 30	15 22.33	−57 25.5	2.694	3.450	12.8	19.6

251450 2008 CD_{120} 5 24.9 354°.83 2°.1/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.86	−27 47.2	2.155	2.997	12.4	20.9
5 1	16 26.75	−27 48.3	2.076	2.997	9.4	20.7
5 11	16 19.67	−27 40.4	2.021	2.996	6.1	20.5
5 21	16 11.31	−27 23.3	1.991	2.996	2.9	20.3
5 31	16 2.59	−26 57.9	1.989	2.996	2.8	20.3
6 10	15 54.47	−26 27.1	2.015	2.996	6.1	20.5
6 20	15 47.77	−25 54.3	2.066	2.996	9.4	20.7
6 30	15 43.09	−25 23.3	2.140	2.996	12.4	20.9

250336 2003 SC_{119} 5 24.9 295°.57 3°.1/26.2 17

4 21	16 34.42	−29 14.1	1.409	2.268	16.8	20.0
5 1	16 29.77	−29 8.2	1.325	2.253	13.0	19.7
5 11	16 22.03	−28 47.3	1.261	2.239	8.6	19.4
5 21	16 12.10	−28 9.8	1.220	2.225	4.2	19.1
5 31	16 1.36	−27 17.3	1.204	2.211	4.0	19.1
6 10	15 51.43	−26 15.0	1.212	2.197	8.6	19.3
6 20	15 43.68	−25 10.4	1.243	2.183	13.4	19.5
6 30	15 39.02	−24 11.1	1.294	2.170	17.7	19.8

122849 2000 SC_{128} 5 24.9 229°.78 0°.3/25.1 18

4 21	16 34.56	−21 51.0	1.906	2.759	13.3	19.9
5 1	16 28.95	−21 56.0	1.824	2.754	9.9	19.7
5 11	16 21.12	−21 56.4	1.767	2.749	6.1	19.4
5 21	16 11.76	−21 52.0	1.735	2.744	1.8	19.1
5 31	16 1.90	−21 43.9	1.730	2.739	2.6	19.2
6 10	15 52.65	−21 34.2	1.753	2.734	6.9	19.4
6 20	15 44.95	−21 25.6	1.801	2.728	10.8	19.6
6 30	15 39.51	−21 21.0	1.871	2.723	14.1	19.8

183555 2003 JN_{13} 5 24.9 349°.82 2°.8/24.4 18

4 21	16 33.93	−11 15.9	1.893	2.750	13.2	19.2
5 1	16 28.42	−11 45.1	1.815	2.745	10.0	18.9
5 11	16 20.77	−12 20.4	1.761	2.741	6.3	18.7
5 21	16 11.67	−13 2.0	1.733	2.738	3.2	18.5
5 31	16 2.05	−13 49.9	1.732	2.735	4.0	18.5
6 10	15 52.97	−14 43.3	1.759	2.732	7.6	18.8
6 20	15 45.33	−15 41.5	1.811	2.730	11.2	19.0
6 30	15 39.83	−16 43.5	1.886	2.729	14.4	19.2

263372 2008 CM_{166} 5 24.9 145°.85 1°.5/24.3 17

4 21	16 35.88	−17 56.9	1.881	2.736	13.4	21.7
5 1	16 29.71	−17 36.2	1.813	2.744	9.9	21.5
5 11	16 21.43	−17 12.7	1.769	2.753	6.0	21.3
5 21	16 11.82	−16 48.2	1.752	2.761	2.1	21.1
5 31	16 1.91	−16 25.0	1.762	2.768	3.3	21.2
6 10	15 52.75	−16 6.0	1.800	2.775	7.3	21.4
6 20	15 45.20	−15 53.6	1.863	2.781	11.0	21.7
6 30	15 39.88	−15 49.7	1.948	2.787	14.2	21.9

178750 2000 UO_{101} 5 24.9 195°.93 3°.4/26.6 18

4 21	16 33.55	−31 41.9	2.514	3.335	11.5	20.2
5 1	16 27.86	−32 3.5	2.430	3.334	9.0	20.0
5 11	16 20.30	−32 15.7	2.370	3.332	6.2	19.9
5 21	16 11.51	−32 17.0	2.336	3.331	3.9	19.7
5 31	16 2.32	−32 7.3	2.331	3.329	3.7	19.7
6 10	15 53.64	−31 48.3	2.354	3.327	5.9	19.8
6 20	15 46.25	−31 23.0	2.403	3.325	8.7	20.0
6 30	15 40.77	−30 55.3	2.476	3.322	11.3	20.2

66641 1999 RQ_{225} 5 24.9 309°.91 2°.0/24.1 18

4 21	16 31.97	−17 23.4	1.772	2.636	13.6	19.5
5 1	16 27.05	−16 55.7	1.697	2.633	10.1	19.3
5 11	16 19.95	−16 25.3	1.645	2.630	6.2	19.1
5 21	16 11.43	−15 54.4	1.618	2.626	2.4	18.8
5 31	16 2.48	−15 26.0	1.618	2.623	3.7	18.9
6 10	15 54.19	−15 3.4	1.644	2.620	7.7	19.1
6 20	15 47.47	−14 49.2	1.695	2.617	11.6	19.3
6 30	15 42.98	−14 45.2	1.767	2.615	15.0	19.6

161263 2003 FQ_{31} 5 24.9 330°.62 1°.8/24.4 17

4 21	16 30.54	−18 57.4	1.093	1.984	18.1	19.4
5 1	16 27.25	−18 35.4	1.021	1.971	13.6	19.1
5 11	16 20.69	−18 8.0	0.967	1.957	8.3	18.8
5 21	16 11.75	−17 37.5	0.935	1.945	2.8	18.4
5 31	16 1.93	−17 8.1	0.926	1.934	4.5	18.5
6 10	15 52.97	−16 44.9	0.938	1.924	10.4	18.7
6 20	15 46.33	−16 32.5	0.970	1.914	15.8	19.0
6 30	15 43.03	−16 33.8	1.020	1.906	20.6	19.3

15714 1989 TL_{15} 5 24.9 198°.07 0°.8/25.3 18

4 21	16 35.31	−24 1.9	2.055	2.901	12.8	18.9
5 1	16 29.35	−23 54.1	1.973	2.898	9.6	18.7
5 11	16 21.28	−23 39.3	1.915	2.895	5.9	18.5
5 21	16 11.82	−23 17.6	1.882	2.891	2.0	18.2
5 31	16 1.93	−22 50.6	1.879	2.887	2.5	18.2
6 10	15 52.66	−22 21.1	1.902	2.883	6.5	18.5
6 20	15 44.89	−21 52.6	1.952	2.878	10.2	18.7
6 30	15 39.28	−21 28.6	2.025	2.872	13.4	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
435303 2007 UW_{14}			5 24.9 284°.43		5°.9/22.8 18	
	h m	° ′			°	m
4 21	16 33.28	− 5 17.0	1.998	2.847	13.0	21.0
5 1	16 27.95	− 4 54.1	1.903	2.822	10.3	20.8
5 11	16 20.54	− 4 38.7	1.831	2.797	7.5	20.6
5 21	16 11.65	− 4 34.1	1.785	2.771	5.9	20.4
5 31	16 2.12	− 4 43.4	1.766	2.746	6.8	20.4
6 10	15 52.97	− 5 7.9	1.773	2.720	9.6	20.5
6 20	15 45.08	− 5 47.6	1.804	2.694	12.8	20.7
6 30	15 39.18	− 6 41.1	1.856	2.668	15.8	20.8
141311 2001 YD_{121}			5 24.9 90°.21		0°.9/25.4 18	
4 21	16 34.71	−23 8.9	2.375	3.215	11.4	19.4
5 1	16 28.51	−23 29.2	2.313	3.236	8.5	19.3
5 11	16 20.57	−23 45.0	2.277	3.256	5.2	19.1
5 21	16 11.58	−23 55.7	2.268	3.276	1.8	18.9
5 31	16 2.36	−24 1.6	2.288	3.296	2.2	18.9
6 10	15 53.77	−24 4.1	2.336	3.316	5.5	19.2
6 20	15 46.52	−24 5.0	2.412	3.335	8.6	19.4
6 30	15 41.13	−24 6.7	2.511	3.354	11.2	19.6
71647 2000 EW_{110}			5 24.9 139°.44		1°.9/24.0 18	
4 21	16 32.95	−15 15.4	2.501	3.348	10.7	20.3
5 1	16 27.08	−14 58.8	2.433	3.360	7.9	20.1
5 11	16 19.66	−14 42.0	2.391	3.371	4.9	19.9
5 21	16 11.31	−14 26.3	2.376	3.382	2.2	19.8
5 31	16 2.76	−14 13.7	2.391	3.393	3.1	19.9
6 10	15 54.75	−14 5.6	2.434	3.403	6.0	20.1
6 20	15 47.91	−14 3.5	2.504	3.412	8.9	20.3
6 30	15 42.73	−14 8.2	2.597	3.421	11.5	20.4
494293 2016 RG_{27}			5 24.9 195°.32		3°.6/26.9 16	
4 21	16 33.46	−32 49.6	2.524	3.342	11.5	22.0
5 1	16 27.81	−33 7.5	2.441	3.341	9.1	21.9
5 11	16 20.28	−33 15.1	2.380	3.340	6.4	21.7
5 21	16 11.53	−33 11.0	2.346	3.338	4.1	21.5
5 31	16 2.40	−32 55.2	2.340	3.336	3.9	21.5
6 10	15 53.79	−32 29.6	2.362	3.335	6.0	21.7
6 20	15 46.49	−31 57.5	2.411	3.332	8.7	21.8
6 30	15 41.10	−31 22.9	2.483	3.330	11.2	22.0
262456 2006 UQ_{124}			5 24.9 25°.57		2°.3/25.8 17	
4 21	16 33.80	−26 25.7	1.260	2.131	17.6	20.4
5 1	16 29.23	−26 32.6	1.201	2.137	13.3	20.1
5 11	16 21.61	−26 27.9	1.161	2.144	8.5	19.9
5 21	16 11.97	−26 10.9	1.143	2.151	3.6	19.6
5 31	16 1.82	−25 43.1	1.150	2.158	3.7	19.6
6 10	15 52.77	−25 9.2	1.180	2.167	8.6	19.9
6 20	15 46.06	−24 35.1	1.233	2.176	13.3	20.2
6 30	15 42.47	−24 6.1	1.305	2.186	17.3	20.5
357076 2001 RU_{84}			5 24.9 298°.55		4°.8/22.9 16	
4 21	16 32.21	−14 42.7	1.240	2.123	17.0	21.1
5 1	16 28.21	−13 37.2	1.157	2.102	12.9	20.8
5 11	16 21.17	−12 27.0	1.095	2.081	8.4	20.5
5 21	16 11.92	−11 17.7	1.056	2.060	4.9	20.2
5 31	16 1.78	−10 16.5	1.040	2.039	6.8	20.2
6 10	15 52.32	− 9 30.6	1.048	2.019	11.6	20.4
6 20	15 44.90	− 9 4.7	1.075	1.999	16.6	20.7
6 30	15 40.52	− 9 0.8	1.121	1.979	21.1	20.9
514535 2017 BX_{27}			5 24.9 284°.02		6°.6/17.2 18	
4 21	16 22.96	+13 29.6	4.405	5.171	7.8	20.8
5 1	16 19.30	+14 15.7	4.346	5.165	7.1	20.8
5 11	16 14.85	+14 51.8	4.310	5.160	6.6	20.7
5 21	16 9.93	+15 15.9	4.298	5.154	6.6	20.7
5 31	16 4.87	+15 26.2	4.311	5.148	7.0	20.7
6 10	16 0.04	+15 22.4	4.347	5.142	7.6	20.8
6 20	15 55.77	+15 4.9	4.404	5.137	8.5	20.9
6 30	15 52.32	+14 34.8	4.481	5.131	9.4	20.9
433621 2013 YY_{110}			5 24.9 206°.35		1°.4/24.4 18	
4 21	16 32.84	−17 14.4	2.172	3.026	11.9	21.1
5 1	16 27.36	−17 4.4	2.093	3.023	8.8	20.9
5 11	16 20.03	−16 53.0	2.037	3.020	5.4	20.7
5 21	16 11.48	−16 41.2	2.008	3.017	2.0	20.4
5 31	16 2.55	−16 30.9	2.008	3.014	3.0	20.5
6 10	15 54.15	−16 23.9	2.035	3.010	6.6	20.7
6 20	15 47.05	−16 22.0	2.088	3.006	10.0	20.9
6 30	15 41.85	−16 26.6	2.164	3.002	13.0	21.1
43952 1997 BG_{7}			5 24.9 129°.69		4°.8/23.3 17	
4 21	16 34.68	−10 37.4	1.594	2.458	14.9	19.8
5 1	16 29.12	−10 3.5	1.530	2.463	11.3	19.6
5 11	16 21.23	− 9 33.5	1.489	2.467	7.5	19.4
5 21	16 11.83	− 9 11.0	1.472	2.471	4.9	19.2
5 31	16 2.05	− 8 59.3	1.481	2.475	6.0	19.3
6 10	15 53.07	− 9 0.8	1.515	2.478	9.5	19.5
6 20	15 45.85	− 9 16.1	1.573	2.482	13.2	19.7
6 30	15 41.04	− 9 44.6	1.651	2.485	16.5	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
111570 Ágasvár			5 24.9 125°.12		0°.4/25.2 17	
	h m	° ′			°	m
4 21	16 31.53	−22 58.0	2.355	3.202	11.3	20.2
5 1	16 26.27	−22 51.6	2.280	3.206	8.4	20.0
5 11	16 19.30	−22 39.9	2.229	3.210	5.1	19.8
5 21	16 11.25	−22 23.6	2.205	3.214	1.6	19.6
5 31	16 2.91	−22 3.9	2.209	3.218	2.1	19.6
6 10	15 55.12	−21 43.1	2.242	3.222	5.6	19.8
6 20	15 48.59	−21 23.7	2.301	3.226	8.8	20.1
6 30	15 43.84	−21 8.1	2.383	3.230	11.6	20.2
31555 Wheeler			5 24.9 64°.58		1°.4/25.3 18	
4 21	16 37.81	−22 48.1	1.352	2.217	17.0	18.3
5 1	16 32.10	−23 16.7	1.287	2.222	12.7	18.0
5 11	16 23.34	−23 39.7	1.243	2.227	7.9	17.8
5 21	16 12.50	−23 55.4	1.223	2.232	2.8	17.5
5 31	16 1.03	−24 3.6	1.227	2.237	3.4	17.5
6 10	15 50.53	−24 6.3	1.257	2.242	8.5	17.8
6 20	15 42.30	−24 7.0	1.310	2.247	13.2	18.1
6 30	15 37.18	−24 9.7	1.383	2.252	17.2	18.4
346024 2007 TA_{339}			5 24.9 240°.80		0°.7/25.3 17	
4 21	16 32.60	−23 45.2	2.170	3.018	12.1	21.6
5 1	16 27.30	−23 38.9	2.085	3.011	9.1	21.4
5 11	16 20.05	−23 26.4	2.024	3.005	5.6	21.2
5 21	16 11.50	−23 7.8	1.989	2.998	1.8	20.9
5 31	16 2.54	−22 44.6	1.982	2.991	2.3	20.9
6 10	15 54.11	−22 19.3	2.003	2.984	6.1	21.2
6 20	15 47.04	−21 54.9	2.050	2.977	9.7	21.4
6 30	15 41.95	−21 34.5	2.120	2.969	12.8	21.5
90020 2002 TV_{285}			5 24.9 102°.56		1°.9/25.8 18	
4 21	16 37.85	−27 6.2	1.328	2.189	17.5	19.4
5 1	16 32.06	−26 50.0	1.266	2.198	13.2	19.2
5 11	16 23.22	−26 20.2	1.225	2.206	8.3	18.9
5 21	16 12.43	−25 36.8	1.207	2.215	3.3	18.7
5 31	16 1.23	−24 43.1	1.214	2.223	3.5	18.7
6 10	15 51.22	−23 45.1	1.246	2.231	8.5	19.0
6 20	15 43.61	−22 49.8	1.302	2.239	13.2	19.3
6 30	15 39.12	−22 3.3	1.377	2.247	17.2	19.6
93534 2000 UU_{13}			5 24.9 160°.88		1°.9/25.7 18	
4 21	16 37.18	−25 54.8	2.261	3.095	12.2	19.7
5 1	16 30.61	−26 21.4	2.184	3.101	9.2	19.5
5 11	16 22.02	−26 41.6	2.131	3.106	5.9	19.3
5 21	16 12.08	−26 54.2	2.106	3.111	2.7	19.1
5 31	16 1.72	−26 59.0	2.109	3.115	2.8	19.1
6 10	15 51.95	−26 57.2	2.141	3.119	6.0	19.3
6 20	15 43.61	−26 51.6	2.199	3.122	9.3	19.5
6 30	15 37.36	−26 45.2	2.281	3.124	12.2	19.7
192728 1999 TU_{169}			5 25.0 192°.54		0°.6/25.3 18	
4 21	16 33.58	−23 49.6	2.059	2.908	12.6	20.6
5 1	16 28.05	−23 38.1	1.980	2.907	9.5	20.4
5 11	16 20.51	−23 19.8	1.924	2.906	5.8	20.2
5 21	16 11.64	−22 55.0	1.895	2.904	1.9	19.9
5 31	16 2.39	−22 25.5	1.894	2.903	2.4	20.0
6 10	15 53.77	−21 54.3	1.920	2.901	6.4	20.2
6 20	15 46.61	−21 24.8	1.972	2.899	10.0	20.4
6 30	15 41.54	−21 0.3	2.047	2.897	13.2	20.6
33787 1999 RJ_{229}			5 25.0 223°.59		6°.8/21.2 18	
4 21	16 29.73	+ 0 18.1	2.468	3.300	11.3	19.1
5 1	16 24.79	+ 1 3.5	2.398	3.296	9.3	18.9
5 11	16 18.36	+ 1 39.7	2.351	3.292	7.6	18.8
5 21	16 11.00	+ 2 3.1	2.331	3.288	6.8	18.7
5 31	16 3.36	+ 2 10.9	2.337	3.284	7.5	18.8
6 10	15 56.18	+ 2 1.9	2.369	3.279	9.3	18.9
6 20	15 50.04	+ 1 36.6	2.424	3.274	11.4	19.0
6 30	15 45.45	+ 0 56.6	2.501	3.269	13.4	19.1
178599 2000 CK_{37}			5 25.0 136°.97		2°.8/26.2 17	
4 21	16 36.75	−29 8.4	1.737	2.580	14.9	20.4
5 1	16 30.76	−29 6.5	1.666	2.586	11.4	20.2
5 11	16 22.27	−28 52.4	1.617	2.592	7.5	20.0
5 21	16 12.17	−28 25.1	1.594	2.597	3.7	19.7
5 31	16 1.66	−27 46.3	1.597	2.603	3.5	19.7
6 10	15 52.05	−27 0.0	1.626	2.608	7.2	20.0
6 20	15 44.34	−26 11.6	1.681	2.613	11.1	20.2
6 30	15 39.23	−25 26.7	1.758	2.617	14.5	20.4
126994 2002 FC_{34}			5 25.0 81°.20		4°.5/23.5 17	
4 21	16 33.58	− 9 34.1	1.785	2.645	13.8	19.6
5 1	16 28.08	− 9 15.0	1.723	2.652	10.5	19.4
5 11	16 20.52	− 9 1.0	1.683	2.659	7.0	19.2
5 21	16 11.64	− 8 54.9	1.668	2.666	4.6	19.0
5 31	16 2.44	− 8 58.9	1.680	2.673	5.6	19.1
6 10	15 53.96	− 9 14.2	1.719	2.680	8.7	19.3
6 20	15 47.04	− 9 40.9	1.781	2.688	12.0	19.5
6 30	15 42.28	−10 18.2	1.865	2.695	15.0	19.7