497749 2006 SF_{240} 5 22.9 153°.17 1°.1/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.13	−24 13.1	2.061	2.918	12.3	22.0
5 1	16 21.07	−24 12.1	1.993	2.927	8.9	21.8
5 11	16 12.06	−24 3.7	1.950	2.936	5.2	21.6
5 21	16 1.92	−23 48.1	1.934	2.944	1.5	21.4
5 31	15 51.65	−23 26.9	1.946	2.951	3.3	21.5
6 10	15 42.29	−23 3.0	1.987	2.957	7.1	21.8
6 20	15 34.65	−22 39.9	2.053	2.963	10.5	22.0
6 30	15 29.28	−22 21.0	2.142	2.968	13.5	22.2

196615 2003 QY_{107} 5 22.9 335°.28 1°.5/22.5 17

4 21	16 20.85	−17 33.3	1.278	2.176	15.6	19.6
5 1	16 16.92	−17 32.6	1.201	2.157	11.3	19.3
5 11	16 10.24	−17 30.1	1.144	2.138	6.5	18.9
5 21	16 1.66	−17 27.5	1.109	2.121	1.7	18.6
5 31	15 52.51	−17 27.1	1.099	2.104	5.0	18.7
6 10	15 44.27	−17 31.9	1.112	2.089	10.3	19.0
6 20	15 38.19	−17 44.2	1.145	2.076	15.2	19.2
6 30	15 35.16	−18 5.9	1.197	2.064	19.5	19.4

149074 2002 CN_{78} 5 22.9 226°.35 4°.2/25.4 18

4 21	16 24.65	−34 59.1	2.576	3.400	11.2	20.6
5 1	16 18.56	−35 14.8	2.490	3.394	8.8	20.4
5 11	16 10.68	−35 18.3	2.428	3.387	6.3	20.3
5 21	16 1.70	−35 8.4	2.393	3.380	4.5	20.1
5 31	15 52.47	−34 45.2	2.386	3.373	4.6	20.1
6 10	15 43.93	−34 11.2	2.406	3.366	6.6	20.2
6 20	15 36.82	−33 30.2	2.452	3.358	9.2	20.4
6 30	15 31.72	−32 46.8	2.522	3.351	11.6	20.5

34790 2001 SA_{4} 5 22.9 279°.78 3°.8/21.3 18

4 21	16 22.58	− 9 57.2	2.124	2.995	11.4	18.4
5 1	16 17.08	− 9 40.9	2.045	2.985	8.5	18.2
5 11	16 9.86	− 9 28.4	1.991	2.974	5.5	18.0
5 21	16 1.56	− 9 22.0	1.964	2.963	3.8	17.9
5 31	15 53.01	− 9 23.9	1.964	2.953	5.3	18.0
6 10	15 45.10	− 9 35.5	1.991	2.942	8.4	18.1
6 20	15 38.55	− 9 57.3	2.042	2.931	11.5	18.3
6 30	15 33.92	−10 29.1	2.115	2.921	14.3	18.5

307642 2003 SU_{138} 5 22.9 232°.97 2°.4/24.6 18

4 21	16 21.68	−30 15.4	2.889	3.729	9.6	20.3
5 1	16 16.17	−30 11.9	2.802	3.722	7.3	20.1
5 11	16 9.24	−29 59.5	2.739	3.714	4.8	19.9
5 21	16 1.45	−29 38.0	2.704	3.706	2.6	19.8
5 31	15 53.50	−29 8.5	2.698	3.698	3.1	19.8
6 10	15 46.10	−28 33.3	2.721	3.689	5.5	20.0
6 20	15 39.87	−27 55.5	2.770	3.681	8.1	20.1
6 30	15 35.28	−27 18.3	2.844	3.672	10.5	20.3

330110 2005 XU_{29} 5 22.9 119°.63 7°.2/23.1 18

4 21	16 40.26	− 1 41.4	1.124	1.988	19.8	19.7
5 1	16 30.96	− 2 37.5	1.066	1.996	15.3	19.5
5 11	16 18.10	− 3 57.3	1.028	2.003	10.6	19.2
5 21	16 2.98	− 5 40.9	1.015	2.010	7.4	19.1
5 31	15 47.49	− 7 44.1	1.028	2.017	8.8	19.2
6 10	15 33.61	− 9 59.6	1.067	2.024	13.2	19.4
6 20	15 22.78	−12 19.5	1.129	2.030	17.8	19.7
6 30	15 15.85	−14 38.5	1.210	2.036	21.8	20.0

311914 2007 BW_{11} 5 22.9 9°.38 3°.4/21.4 18

4 21	16 21.31	−10 48.9	2.205	3.078	11.0	20.3
5 1	16 16.04	−10 32.4	2.138	3.079	8.1	20.2
5 11	16 9.20	−10 19.1	2.095	3.079	5.1	20.0
5 21	16 1.45	−10 11.0	2.079	3.080	3.4	19.9
5 31	15 53.55	−10 10.2	2.090	3.081	4.9	20.0
6 10	15 46.32	−10 17.9	2.129	3.082	7.8	20.1
6 20	15 40.41	−10 34.8	2.192	3.083	10.8	20.3
6 30	15 36.31	−11 0.8	2.277	3.085	13.4	20.5

261263 2005 UT_{98} 5 22.9 187°.67 1°.3/22.3 18

4 21	16 21.85	−16 47.7	2.416	3.285	10.3	20.6
5 1	16 16.36	−16 39.8	2.343	3.285	7.4	20.4
5 11	16 9.37	−16 30.8	2.295	3.285	4.2	20.2
5 21	16 1.48	−16 21.8	2.274	3.284	1.4	20.0
5 31	15 53.44	−16 14.5	2.283	3.284	3.3	20.1
6 10	15 46.02	−16 10.5	2.319	3.284	6.6	20.3
6 20	15 39.85	−16 11.4	2.380	3.283	9.6	20.5
6 30	15 35.42	−16 18.3	2.465	3.283	12.2	20.7

51095 2000 HW_{5} 5 22.9 38°.34 0°.7/22.7 18

4 21	16 23.23	−19 15.8	1.994	2.867	12.0	19.2
5 1	16 17.62	−19 6.2	1.923	2.868	8.6	19.0
5 11	16 10.18	−18 53.3	1.877	2.868	4.8	18.8
5 21	16 1.62	−18 38.2	1.857	2.869	1.0	18.5
5 31	15 52.89	−18 22.8	1.865	2.869	3.5	18.7
6 10	15 44.94	−18 9.8	1.900	2.870	7.4	18.9
6 20	15 38.55	−18 1.4	1.960	2.871	10.9	19.1
6 30	15 34.27	−17 59.7	2.041	2.872	13.9	19.3

111596 2002 AN_{71} 5 23.0 205°.07 1°.8/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.45	−16 43.4	1.742	2.614	13.5	19.9
5 1	16 21.66	−16 31.2	1.666	2.609	9.8	19.6
5 11	16 12.58	−16 17.1	1.614	2.604	5.6	19.4
5 21	16 2.05	−16 2.8	1.589	2.599	1.9	19.1
5 31	15 51.21	−15 50.5	1.591	2.592	4.5	19.3
6 10	15 41.27	−15 42.9	1.619	2.585	8.8	19.5
6 20	15 33.19	−15 42.4	1.673	2.577	12.8	19.7
6 30	15 27.65	−15 50.7	1.746	2.569	16.2	19.9

133067 2003 FB_{128} 5 23.0 57°.15 0°.1/21.9 11 C

4 21	16 2.66	−15 50.1	35.542	36.407	0.8	22.5
5 1	16 1.86	−15 46.7	35.473	36.414	0.6	22.5
5 11	16 0.98	−15 43.4	35.432	36.421	0.3	22.4
5 21	16 0.06	−15 40.2	35.420	36.429	0.1	22.4
5 31	15 59.14	−15 37.2	35.437	36.436	0.3	22.4
6 10	15 58.25	−15 34.5	35.483	36.443	0.5	22.5
6 20	15 57.41	−15 32.2	35.556	36.450	0.8	22.5
6 30	15 56.67	−15 30.3	35.655	36.457	1.0	22.5

505852 2015 CP_{51} 5 23.0 30°.78 6°.1/25.8 17

4 21	16 25.97	−35 31.4	1.575	2.422	15.9	20.5
5 1	16 20.28	−35 58.3	1.514	2.430	12.6	20.3
5 11	16 11.92	−36 6.8	1.474	2.438	9.1	20.1
5 21	16 1.94	−35 54.2	1.457	2.446	6.5	20.0
5 31	15 51.79	−35 21.4	1.465	2.455	6.6	20.0
6 10	15 42.90	−34 33.1	1.498	2.465	9.2	20.2
6 20	15 36.34	−33 36.2	1.554	2.475	12.5	20.4
6 30	15 32.78	−32 38.3	1.630	2.486	15.7	20.6

417469 2006 QU_{128} 5 23.0 245°.69 1°.4/22.4 18

4 21	16 26.57	−18 23.8	1.906	2.776	12.6	21.5
5 1	16 20.28	−17 58.0	1.815	2.758	9.1	21.2
5 11	16 11.83	−17 27.9	1.749	2.740	5.2	20.9
5 21	16 1.96	−16 55.1	1.710	2.721	1.5	20.6
5 31	15 51.69	−16 22.7	1.699	2.701	4.1	20.8
6 10	15 42.13	−15 54.1	1.715	2.681	8.4	21.0
6 20	15 34.22	−15 32.7	1.756	2.660	12.3	21.2
6 30	15 28.65	−15 21.1	1.818	2.638	15.8	21.4

67015 1999 XB_{126} 5 23.0 250°.79 2°.5/24.5 18

4 21	16 25.01	−29 42.5	2.087	2.937	12.4	19.3
5 1	16 19.05	−29 22.4	1.998	2.925	9.4	19.1
5 11	16 11.06	−28 49.5	1.933	2.912	5.9	18.8
5 21	16 1.81	−28 3.8	1.894	2.899	2.9	18.6
5 31	15 52.31	−27 7.6	1.883	2.886	3.7	18.6
6 10	15 43.61	−26 5.2	1.900	2.872	7.2	18.8
6 20	15 36.57	−25 2.0	1.942	2.859	10.7	19.0
6 30	15 31.79	−24 3.2	2.008	2.844	13.9	19.2

468968 2015 AH_{52} 5 23.0 275°.75 5°.0/20.9 18

4 21	16 25.82	−10 24.1	1.590	2.469	14.1	20.8
5 1	16 20.09	− 9 43.4	1.502	2.445	10.6	20.5
5 11	16 11.88	− 9 5.1	1.437	2.421	7.0	20.2
5 21	16 1.99	− 8 33.4	1.396	2.396	5.0	20.0
5 31	15 51.53	− 8 12.8	1.382	2.371	7.1	20.1
6 10	15 41.80	− 8 6.8	1.392	2.345	11.2	20.3
6 20	15 33.87	− 8 17.2	1.425	2.319	15.3	20.4
6 30	15 28.58	− 8 44.1	1.477	2.293	19.0	20.6

58188 1991 TA_{9} 5 23.0 256°.74 0°.7/23.5 18

4 21	16 19.27	−23 59.3	3.371	4.225	8.1	20.4
5 1	16 14.28	−23 57.9	3.279	4.212	5.9	20.3
5 11	16 8.15	−23 52.0	3.214	4.199	3.4	20.1
5 21	16 1.31	−23 42.1	3.177	4.187	1.0	19.9
5 31	15 54.30	−23 28.9	3.169	4.174	2.2	20.0
6 10	15 47.70	−23 14.1	3.191	4.161	4.7	20.1
6 20	15 41.99	−22 59.2	3.240	4.147	7.1	20.3
6 30	15 37.57	−22 46.3	3.313	4.134	9.3	20.4

338816 2003 WK_{60} 5 23.0 248°.17 0°.3/22.9 17

4 21	16 24.38	−20 3.4	2.036	2.906	11.9	21.0
5 1	16 18.53	−20 2.2	1.956	2.899	8.6	20.8
5 11	16 10.75	−19 57.2	1.901	2.891	4.8	20.5
5 21	16 1.77	−19 49.1	1.872	2.884	0.8	20.2
5 31	15 52.51	−19 39.5	1.872	2.876	3.4	20.4
6 10	15 43.96	−19 30.6	1.898	2.869	7.3	20.6
6 20	15 36.96	−19 24.8	1.950	2.861	10.9	20.8
6 30	15 32.10	−19 24.4	2.023	2.853	14.1	21.0

65897 1998 DQ_{7} 5 23.0 187°.08 0°.7/23.3 18

4 21	16 27.85	−24 18.4	1.884	2.746	13.0	18.8
5 1	16 21.08	−23 52.9	1.809	2.746	9.5	18.6
5 11	16 12.19	−23 18.0	1.758	2.745	5.5	18.4
5 21	16 2.01	−22 34.9	1.733	2.744	1.2	18.1
5 31	15 51.66	−21 46.6	1.737	2.742	3.5	18.2
6 10	15 42.26	−20 57.4	1.768	2.739	7.7	18.5
6 20	15 34.69	−20 12.2	1.824	2.735	11.6	18.7
6 30	15 29.55	−19 34.9	1.902	2.731	14.8	18.9

475544 2006 TB_{30} 5 23.0 119°.36 2°.2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.22	−26 31.5	2.265	3.119	11.4	21.2
5 1	16 19.01	−26 56.9	2.193	3.123	8.5	21.1
5 11	16 10.97	−27 15.2	2.146	3.127	5.3	20.9
5 21	16 1.81	−27 25.3	2.125	3.131	2.4	20.7
5 31	15 52.43	−27 27.5	2.133	3.135	3.4	20.8
6 10	15 43.79	−27 23.6	2.169	3.139	6.6	21.0
6 20	15 36.65	−27 16.3	2.230	3.143	9.7	21.2
6 30	15 31.59	−27 8.8	2.315	3.146	12.4	21.4

71846 2000 UM_{96} 5 23.0 115°.20 1°.6/23.8 17

4 21	16 27.15	−26 28.6	1.497	2.368	15.3	19.3
5 1	16 20.95	−26 4.3	1.434	2.374	11.2	19.1
5 11	16 12.23	−25 27.1	1.392	2.380	6.7	18.8
5 21	16 2.02	−24 38.0	1.375	2.385	2.1	18.5
5 31	15 51.69	−23 40.9	1.384	2.390	4.0	18.7
6 10	15 42.61	−22 41.8	1.419	2.395	8.7	19.0
6 20	15 35.78	−21 46.9	1.478	2.400	13.0	19.2
6 30	15 31.81	−21 1.5	1.557	2.405	16.7	19.5

359395 2010 HM_{79} 5 23.0 331°.14 4°.4/21.2 17

4 21	16 20.02	−15 24.5	1.015	1.926	17.5	20.3
5 1	16 16.70	−14 24.1	0.947	1.909	12.9	19.9
5 11	16 10.27	−13 19.0	0.899	1.893	7.8	19.6
5 21	16 1.74	−12 15.6	0.871	1.878	4.4	19.4
5 31	15 52.67	−11 21.9	0.865	1.864	7.7	19.5
6 10	15 44.77	−10 45.4	0.879	1.852	13.1	19.7
6 20	15 39.41	−10 30.4	0.912	1.840	18.4	20.0
6 30	15 37.47	−10 38.0	0.961	1.831	22.9	20.2

341129 2007 MX_{4} 5 23.0 284°.96 7°.7/19.7 18

4 21	16 23.85	− 1 26.5	1.823	2.686	13.4	20.7
5 1	16 18.29	− 0 46.0	1.743	2.666	10.7	20.5
5 11	16 10.70	− 0 16.1	1.686	2.647	8.5	20.3
5 21	16 1.78	− 0 1.7	1.654	2.627	7.7	20.2
5 31	15 52.50	− 0 6.6	1.648	2.608	9.0	20.3
6 10	15 43.89	− 0 32.1	1.666	2.588	11.8	20.4
6 20	15 36.83	− 1 17.4	1.706	2.568	14.8	20.5
6 30	15 31.99	− 2 20.0	1.766	2.548	17.6	20.7

230035 2000 QJ_{34} 5 23.0 244°.33 12°.1/15.6 18

4 21	16 23.45	+11 49.8	1.949	2.765	14.5	20.0
5 1	16 17.78	+13 10.4	1.893	2.756	13.1	19.9
5 11	16 10.29	+14 11.0	1.858	2.746	12.2	19.8
5 21	16 1.70	+14 45.6	1.845	2.737	12.3	19.8
5 31	15 52.94	+14 49.8	1.855	2.727	13.2	19.8
6 10	15 44.93	+14 23.4	1.886	2.717	14.8	19.9
6 20	15 38.43	+13 28.8	1.936	2.706	16.7	20.0
6 30	15 34.01	+12 10.6	2.003	2.696	18.4	20.1

248074 2004 PD_{56} 5 23.0 245°.49 5°.2/26.1 18

4 21	16 24.70	−37 52.6	2.483	3.298	11.8	20.2
5 1	16 18.71	−38 8.9	2.400	3.293	9.5	20.0
5 11	16 10.83	−38 11.0	2.340	3.289	7.2	19.9
5 21	16 1.80	−37 57.1	2.306	3.284	5.4	19.7
5 31	15 52.54	−37 27.4	2.299	3.279	5.4	19.7
6 10	15 44.04	−36 44.8	2.319	3.275	7.1	19.8
6 20	15 37.10	−35 53.5	2.365	3.270	9.5	20.0
6 30	15 32.29	−34 58.8	2.434	3.265	11.9	20.1

28299 Kanghaoyan 5 23.0 158°.23 2°.1/22.1 18

4 21	16 27.53	−17 30.7	1.624	2.500	14.0	18.1
5 1	16 20.96	−16 51.6	1.560	2.506	10.1	17.9
5 11	16 12.15	−16 8.6	1.520	2.511	5.8	17.7
5 21	16 2.02	−15 24.9	1.506	2.515	2.1	17.4
5 31	15 51.77	−14 44.5	1.519	2.519	4.8	17.6
6 10	15 42.60	−14 11.6	1.558	2.523	9.1	17.9
6 20	15 35.42	−13 49.4	1.620	2.525	13.1	18.1
6 30	15 30.81	−13 39.7	1.703	2.528	16.5	18.4

236533 2006 HB_{26} 5 23.0 198°.41 0°.2/22.9 18

4 21	16 24.72	−20 18.9	2.108	2.975	11.6	20.9
5 1	16 18.68	−20 17.8	2.032	2.973	8.4	20.7
5 11	16 10.80	−20 12.9	1.982	2.972	4.7	20.5
5 21	16 1.80	−20 4.8	1.958	2.970	0.8	20.2
5 31	15 52.58	−19 54.9	1.963	2.968	3.2	20.3
6 10	15 44.10	−19 45.4	1.995	2.965	7.1	20.6
6 20	15 37.13	−19 38.8	2.053	2.962	10.5	20.8
6 30	15 32.25	−19 37.3	2.132	2.959	13.5	21.0

519276 2011 BA_{166} 5 23.0 128°.34 8°.3/27.1 17

4 21	16 31.08	−42 16.0	1.803	2.609	15.9	22.1
5 1	16 24.03	−42 56.0	1.734	2.614	13.3	22.0
5 11	16 14.09	−43 14.3	1.687	2.619	10.6	21.8
5 21	16 2.38	−43 6.7	1.662	2.624	8.7	21.7
5 31	15 50.40	−42 32.4	1.663	2.628	8.5	21.7
6 10	15 39.73	−41 35.7	1.688	2.633	10.1	21.8
6 20	15 31.55	−40 24.2	1.736	2.637	12.6	22.0
6 30	15 26.55	−39 6.7	1.806	2.641	15.2	22.1

415694 1995 SP_{42} 5 23.0 156°.02 1°.1/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.08	−18 53.2	1.875	2.744	12.8	22.8
5 1	16 20.43	−18 33.6	1.809	2.751	9.2	22.6
5 11	16 11.79	−18 10.1	1.767	2.757	5.1	22.4
5 21	16 1.97	−17 44.5	1.752	2.763	1.3	22.1
5 31	15 52.03	−17 19.2	1.765	2.768	3.8	22.3
6 10	15 43.03	−16 57.5	1.805	2.772	7.9	22.6
6 20	15 35.78	−16 42.0	1.870	2.776	11.6	22.8
6 30	15 30.85	−16 35.0	1.957	2.780	14.7	23.0

45833 2000 QX_{188} 5 23.0 10°.23 0°.3/22.9 18

4 21	16 26.74	−19 59.9	1.271	2.159	16.3	18.7
5 1	16 21.05	−20 5.9	1.209	2.160	11.8	18.4
5 11	16 12.50	−20 7.4	1.167	2.160	6.7	18.1
5 21	16 2.12	−20 4.8	1.150	2.161	1.1	17.7
5 31	15 51.42	−19 59.9	1.156	2.163	4.5	18.0
6 10	15 41.96	−19 56.1	1.187	2.164	9.9	18.3
6 20	15 34.93	−19 56.6	1.240	2.166	14.7	18.6
6 30	15 31.08	−20 4.3	1.311	2.168	18.7	18.8

281016 2006 EH_{37} 5 23.0 254°.02 2°.4/23.9 17

4 21	16 25.93	−26 39.8	1.877	2.738	13.1	20.8
5 1	16 19.88	−26 58.2	1.802	2.736	9.8	20.6
5 11	16 11.62	−27 7.8	1.751	2.734	6.0	20.4
5 21	16 1.97	−27 7.7	1.725	2.732	2.7	20.2
5 31	15 52.02	−26 58.4	1.727	2.730	3.9	20.2
6 10	15 42.94	−26 42.6	1.756	2.728	7.6	20.4
6 20	15 35.67	−26 24.0	1.809	2.726	11.3	20.7
6 30	15 30.85	−26 6.8	1.883	2.724	14.5	20.9

431094 2006 DD_{165} 5 23.0 289°.42 2°.8/21.8 17

4 21	16 23.40	−14 17.9	1.817	2.696	12.7	21.3
5 1	16 17.88	−13 50.5	1.748	2.694	9.2	21.1
5 11	16 10.41	−13 23.2	1.703	2.692	5.5	20.9
5 21	16 1.75	−12 58.6	1.683	2.690	2.8	20.7
5 31	15 52.90	−12 39.8	1.691	2.688	4.9	20.8
6 10	15 44.88	−12 29.2	1.725	2.686	8.7	21.0
6 20	15 38.51	−12 28.8	1.782	2.685	12.3	21.2
6 30	15 34.36	−12 39.2	1.861	2.683	15.4	21.4

235368 2003 WY_{23} 5 23.0 243°.53 2°.2/22.0 17

4 21	16 23.56	−15 14.4	2.053	2.926	11.7	20.6
5 1	16 17.88	−14 56.2	1.975	2.919	8.4	20.4
5 11	16 10.38	−14 37.5	1.922	2.912	4.9	20.2
5 21	16 1.75	−14 20.1	1.896	2.904	2.2	20.0
5 31	15 52.90	−14 6.4	1.898	2.897	4.2	20.1
6 10	15 44.74	−13 58.6	1.927	2.889	7.8	20.3
6 20	15 38.05	−13 58.5	1.980	2.881	11.3	20.5
6 30	15 33.40	−14 7.3	2.055	2.874	14.3	20.7

510385 2011 US_{77} 5 23.0 242°.97 1°.6/23.9 18

4 21	16 23.39	−26 21.5	2.473	3.327	10.6	22.0
5 1	16 17.64	−26 21.9	2.385	3.316	7.9	21.8
5 11	16 10.21	−26 14.7	2.322	3.305	4.8	21.6
5 21	16 1.73	−26 0.0	2.286	3.294	1.9	21.4
5 31	15 53.00	−25 38.8	2.279	3.283	3.0	21.5
6 10	15 44.88	−25 13.5	2.301	3.272	6.2	21.7
6 20	15 38.08	−24 47.1	2.348	3.260	9.3	21.8
6 30	15 33.14	−24 22.8	2.418	3.248	12.0	22.0

93525 2000 UX 5 23.0 125°.12 1°.6/23.6 18

4 21	16 28.19	−24 14.0	2.049	2.907	12.3	19.1
5 1	16 21.20	−24 38.6	1.985	2.919	9.0	18.9
5 11	16 12.23	−24 56.9	1.945	2.930	5.3	18.7
5 21	16 2.06	−25 7.9	1.932	2.941	1.9	18.5
5 31	15 51.74	−25 12.1	1.947	2.951	3.4	18.6
6 10	15 42.30	−25 11.3	1.991	2.961	7.0	18.9
6 20	15 34.58	−25 8.3	2.060	2.971	10.4	19.1
6 30	15 29.15	−25 6.3	2.152	2.981	13.3	19.3

253592 2003 TV_{12} 5 23.0 186°.32 0°.4/22.8 17

4 21	16 27.37	−21 2.0	1.971	2.836	12.4	21.6
5 1	16 20.66	−20 40.1	1.896	2.836	9.0	21.4
5 11	16 11.95	−20 12.2	1.846	2.836	5.0	21.1
5 21	16 2.03	−19 39.8	1.823	2.834	0.9	20.8
5 31	15 51.93	−19 5.4	1.828	2.832	3.5	21.0
6 10	15 42.69	−18 32.6	1.861	2.830	7.6	21.3
6 20	15 35.15	−18 4.9	1.919	2.826	11.3	21.5
6 30	15 29.89	−17 45.2	1.999	2.822	14.5	21.7

35986 1999 NL_{8} 5 23.0 185°.16 7°.4/17.9 18

4 21	16 20.77	+ 5 36.2	2.814	3.641	10.2	18.8
5 1	16 15.37	+ 6 23.3	2.755	3.641	8.7	18.7
5 11	16 8.76	+ 6 58.9	2.721	3.640	7.6	18.6
5 21	16 1.48	+ 7 19.8	2.712	3.639	7.4	18.6
5 31	15 54.11	+ 7 23.8	2.730	3.638	8.2	18.7
6 10	15 47.28	+ 7 10.3	2.773	3.637	9.6	18.7
6 20	15 41.48	+ 6 40.2	2.838	3.635	11.3	18.9
6 30	15 37.11	+ 5 55.5	2.924	3.632	12.8	19.0

34270 2000 QW_{131} 5 23.0 326°.51 5°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.65	−30 20.6	1.633	2.488	15.1	16.7
5 1	16 23.16	−31 32.3	1.558	2.482	11.7	16.4
5 11	16 13.77	−32 34.1	1.505	2.478	8.1	16.2
5 21	16 2.40	−33 21.3	1.477	2.473	5.4	16.1
5 31	15 50.40	−33 51.0	1.475	2.469	6.1	16.1
6 10	15 39.33	−34 4.1	1.499	2.464	9.4	16.3
6 20	15 30.48	−34 4.9	1.547	2.461	13.1	16.5
6 30	15 24.73	−33 59.0	1.614	2.457	16.4	16.7

179159 2001 TF_{48} 5 23.0 219°.62 0°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.91	−20 31.4	2.412	3.277	10.5	20.8
5 1	16 17.23	−20 22.2	2.332	3.271	7.5	20.6
5 11	16 9.95	−20 9.0	2.276	3.266	4.2	20.3
5 21	16 1.70	−19 52.8	2.249	3.260	0.7	20.1
5 31	15 53.26	−19 35.2	2.250	3.254	2.9	20.2
6 10	15 45.43	−19 18.4	2.279	3.248	6.4	20.4
6 20	15 38.90	−19 4.6	2.335	3.242	9.5	20.6
6 30	15 34.17	−18 56.0	2.413	3.235	12.3	20.8

34864 2001 TG_{114} 5 23.0 247°.64 1°.1/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.85	−26 2.6	2.317	3.175	11.1	18.5
5 1	16 17.28	−25 37.7	2.232	3.166	8.1	18.3
5 11	16 10.01	−25 3.8	2.171	3.157	4.8	18.1
5 21	16 1.71	−24 21.7	2.138	3.147	1.5	17.8
5 31	15 53.22	−23 33.8	2.133	3.138	2.9	17.9
6 10	15 45.42	−22 43.7	2.156	3.128	6.5	18.1
6 20	15 39.03	−21 55.4	2.205	3.118	9.8	18.3
6 30	15 34.57	−21 12.5	2.277	3.108	12.6	18.5

430832 2005 JL_{68} 5 23.0 346°.46 6°.9/20.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 17.19	− 7 28.2	1.210	2.113	15.9	20.0
5 1	16 14.23	− 6 51.3	1.141	2.094	12.2	19.7
5 11	16 8.72	− 6 22.8	1.092	2.076	8.6	19.5
5 21	16 1.53	− 6 8.6	1.065	2.061	6.9	19.3
5 31	15 53.89	− 6 13.6	1.059	2.047	8.9	19.4
6 10	15 47.18	− 6 40.1	1.076	2.036	12.8	19.6
6 20	15 42.51	− 7 27.5	1.111	2.026	17.0	19.8
6 30	15 40.68	− 8 33.0	1.164	2.019	20.7	20.0

188842 2006 DP_{129} 5 23.0 93°.75 2°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 14.77	−10 48.9	4.340	5.203	6.2	21.0
5 1	16 10.81	−10 30.6	4.270	5.206	4.5	20.9
5 11	16 6.13	−10 13.9	4.226	5.208	2.9	20.8
5 21	16 1.04	− 9 59.9	4.212	5.211	2.0	20.7
5 31	15 55.89	− 9 49.7	4.227	5.213	2.9	20.8
6 10	15 51.05	− 9 44.2	4.270	5.216	4.5	20.9
6 20	15 46.83	− 9 44.0	4.341	5.218	6.2	21.1
6 30	15 43.48	− 9 49.5	4.435	5.221	7.7	21.2

117585 2005 EH_{43} 5 23.0 353°.04 2°.0/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.22	−24 23.1	1.083	1.981	17.7	19.6
5 1	16 18.30	−24 38.2	1.021	1.975	13.1	19.3
5 11	16 11.18	−24 43.2	0.977	1.970	7.8	19.0
5 21	16 1.96	−24 37.1	0.955	1.965	2.6	18.6
5 31	15 52.28	−24 21.8	0.956	1.963	4.9	18.8
6 10	15 43.92	−24 1.6	0.978	1.961	10.5	19.1
6 20	15 38.22	−23 42.4	1.020	1.961	15.6	19.4
6 30	15 36.03	−23 29.2	1.080	1.962	20.0	19.6

102491 1999 TK_{264} 5 23.0 26°.59 2°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.69	−18 2.9	1.142	2.043	16.8	19.1
5 1	16 18.06	−17 13.8	1.094	2.051	12.1	18.9
5 11	16 10.73	−16 19.7	1.066	2.060	6.8	18.6
5 21	16 1.85	−15 25.7	1.061	2.071	2.6	18.4
5 31	15 52.90	−14 37.7	1.079	2.082	5.7	18.6
6 10	15 45.36	−14 1.4	1.120	2.094	10.8	18.9
6 20	15 40.24	−13 40.3	1.182	2.106	15.4	19.2
6 30	15 38.11	−13 35.6	1.261	2.120	19.2	19.5

118086 1037 T-$_3$ 5 23.0 270°.40 3°.3/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.08	−29 32.0	1.595	2.457	15.0	19.8
5 1	16 21.21	−29 31.7	1.510	2.442	11.4	19.5
5 11	16 12.61	−29 17.2	1.446	2.427	7.4	19.3
5 21	16 2.21	−28 47.1	1.407	2.412	3.7	19.0
5 31	15 51.33	−28 2.7	1.394	2.397	4.7	19.0
6 10	15 41.42	−27 9.0	1.406	2.381	8.9	19.2
6 20	15 33.67	−26 12.6	1.442	2.366	13.2	19.4
6 30	15 28.88	−25 20.1	1.499	2.350	17.0	19.6

297721 2001 WT_{16} 5 23.0 233°.46 1°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.26	−26 9.0	2.658	3.507	10.1	21.7
5 1	16 18.20	−26 13.6	2.565	3.494	7.5	21.5
5 11	16 10.52	−26 11.4	2.498	3.481	4.5	21.3
5 21	16 1.82	−26 2.1	2.459	3.467	1.8	21.1
5 31	15 52.86	−25 46.5	2.450	3.453	2.9	21.1
6 10	15 44.44	−25 26.8	2.468	3.438	5.9	21.3
6 20	15 37.25	−25 5.4	2.514	3.423	8.9	21.5
6 30	15 31.83	−24 45.5	2.584	3.407	11.5	21.6

386536 2009 CJ_{48} 5 23.0 73°.43 1°.5/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.66	−17 14.2	2.000	2.873	11.9	21.4
5 1	16 17.80	−16 56.4	1.947	2.891	8.5	21.2
5 11	16 10.24	−16 36.7	1.918	2.909	4.8	21.0
5 21	16 1.76	−16 17.2	1.917	2.927	1.6	20.8
5 31	15 53.27	−15 59.9	1.943	2.944	3.8	21.0
6 10	15 45.67	−15 47.3	1.996	2.962	7.3	21.3
6 20	15 39.63	−15 41.2	2.073	2.979	10.6	21.5
6 30	15 35.63	−15 42.9	2.173	2.997	13.4	21.7

310514 2000 XK_{15} 5 23.0 341°.67 4°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.49	− 7 9.4	1.794	2.666	13.1	19.3
5 1	16 18.79	− 7 26.2	1.719	2.657	9.9	19.0
5 11	16 11.02	− 7 52.3	1.668	2.649	6.6	18.8
5 21	16 1.93	− 8 29.0	1.642	2.641	4.5	18.7
5 31	15 52.51	− 9 17.0	1.644	2.634	6.0	18.8
6 10	15 43.82	−10 15.6	1.671	2.627	9.4	18.9
6 20	15 36.75	−11 23.3	1.723	2.621	12.8	19.1
6 30	15 31.96	−12 38.3	1.796	2.616	15.9	19.3

463997 2014 WY_{65} 5 23.0 94°.46 3°.2/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.52	−13 45.7	1.496	2.378	14.6	21.3
5 1	16 20.41	−13 27.2	1.437	2.384	10.6	21.0
5 11	16 11.94	−13 10.2	1.400	2.390	6.3	20.8
5 21	16 2.08	−12 57.2	1.389	2.396	3.2	20.6
5 31	15 52.05	−12 51.0	1.403	2.401	5.5	20.8
6 10	15 43.12	−12 54.1	1.442	2.407	9.8	21.0
6 20	15 36.23	−13 7.5	1.504	2.412	13.8	21.3
6 30	15 32.01	−13 31.7	1.586	2.418	17.2	21.5

390438 2013 YV_{64} 5 23.0 219°.87 0°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.09	−20 4.1	2.077	2.944	11.8	21.2
5 1	16 19.03	−19 54.6	1.997	2.938	8.5	21.0
5 11	16 11.07	−19 40.9	1.941	2.931	4.8	20.8
5 21	16 1.93	−19 23.9	1.913	2.925	0.9	20.5
5 31	15 52.54	−19 5.6	1.913	2.917	3.4	20.7
6 10	15 43.88	−18 48.6	1.940	2.910	7.3	20.9
6 20	15 36.75	−18 35.6	1.993	2.902	10.9	21.1
6 30	15 31.73	−18 28.8	2.068	2.894	13.9	21.3

68603 2002 AR_{86} 5 23.0 353°.44 2°.3/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 19.84	−28 27.1	1.227	2.115	16.8	17.8
5 1	16 16.25	−27 53.1	1.160	2.108	12.5	17.5
5 11	16 9.87	−27 0.7	1.113	2.102	7.7	17.2
5 21	16 1.74	−25 51.7	1.088	2.097	3.0	16.9
5 31	15 53.35	−24 31.1	1.087	2.094	4.5	17.0
6 10	15 46.21	−23 7.6	1.109	2.092	9.6	17.3
6 20	15 41.45	−21 49.7	1.153	2.091	14.4	17.5
6 30	15 39.76	−20 44.4	1.215	2.092	18.6	17.8

398872 2013 CN_{62} 5 23.0 150°.38 3°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.85	−10 58.6	2.792	3.656	9.2	22.1
5 1	16 15.44	−10 25.9	2.727	3.663	6.7	21.9
5 11	16 8.83	− 9 55.1	2.688	3.670	4.3	21.8
5 21	16 1.53	− 9 28.5	2.677	3.676	3.0	21.7
5 31	15 54.17	− 9 8.0	2.696	3.682	4.3	21.8
6 10	15 47.37	− 8 55.3	2.742	3.688	6.7	21.9
6 20	15 41.64	− 8 51.5	2.815	3.693	9.1	22.1
6 30	15 37.36	− 8 56.7	2.909	3.698	11.2	22.3

416214 2002 VR_2 5 23.0 184°.17 0°.6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.88	−23 25.2	2.001	2.863	12.4	21.7
5 1	16 20.34	−23 10.9	1.926	2.863	9.0	21.5
5 11	16 11.80	−22 49.2	1.875	2.863	5.2	21.3
5 21	16 2.06	−22 20.8	1.851	2.863	1.1	21.0
5 31	15 52.13	−21 47.9	1.856	2.861	3.3	21.1
6 10	15 43.06	−21 14.1	1.888	2.859	7.3	21.4
6 20	15 35.68	−20 43.0	1.946	2.857	11.0	21.6
6 30	15 30.58	−20 18.2	2.026	2.854	14.1	21.8

160412 2004 XO_8 5 23.0 229°.97 0°.8/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.64	−19 4.6	1.796	2.664	13.3	20.4
5 1	16 21.93	−18 56.4	1.710	2.652	9.6	20.1
5 11	16 12.87	−18 44.2	1.649	2.639	5.5	19.8
5 21	16 2.27	−18 29.0	1.614	2.626	1.2	19.5
5 31	15 51.25	−18 12.8	1.607	2.611	4.0	19.7
6 10	15 41.03	−17 58.6	1.627	2.596	8.5	19.9
6 20	15 32.61	−17 49.3	1.672	2.580	12.6	20.1
6 30	15 26.72	−17 47.7	1.738	2.563	16.2	20.3

180432 2004 BB_{97} 5 23.0 32°.24 2°.4/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.43	−27 13.9	1.526	2.396	15.1	20.1
5 1	16 20.58	−27 12.2	1.458	2.397	11.3	19.8
5 11	16 12.15	−26 58.3	1.412	2.398	6.9	19.6
5 21	16 2.14	−26 31.8	1.391	2.399	2.9	19.3
5 31	15 51.89	−25 55.1	1.395	2.400	4.2	19.4
6 10	15 42.78	−25 12.9	1.425	2.401	8.6	19.7
6 20	15 35.86	−24 30.8	1.477	2.402	12.9	19.9
6 30	15 31.81	−23 54.3	1.551	2.403	16.5	20.1

155218 2005 VL_7 5 23.0 219°.40 7°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.95	−45 6.1	2.211	2.988	14.2	19.6
5 1	16 24.42	−45 27.6	2.123	2.980	12.1	19.4
5 11	16 14.28	−45 28.2	2.056	2.971	9.9	19.3
5 21	16 2.52	−45 4.0	2.013	2.961	8.3	19.2
5 31	15 50.45	−44 14.2	1.996	2.951	8.0	19.1
6 10	15 39.48	−43 2.5	2.005	2.940	9.3	19.2
6 20	15 30.70	−41 35.6	2.039	2.929	11.5	19.3
6 30	15 24.80	−40 1.9	2.095	2.917	13.9	19.4

410735 2009 CR_{29} 5 23.0 219°.58 0°.3/23.1 17

4 21	16 28.20	−21 53.3	1.604	2.476	14.4	21.9
5 1	16 21.78	−21 48.6	1.528	2.471	10.5	21.7
5 11	16 12.84	−21 37.2	1.475	2.465	6.0	21.4
5 21	16 2.29	−21 19.5	1.447	2.459	1.1	21.0
5 31	15 51.37	−20 57.6	1.446	2.452	3.9	21.2
6 10	15 41.44	−20 35.1	1.472	2.445	8.7	21.5
6 20	15 33.55	−20 16.1	1.521	2.437	13.1	21.7
6 30	15 28.45	−20 4.1	1.590	2.429	16.8	21.9

24023 1999 RX_{147} 5 23.0 188°.91 4°.4/20.2 18

4 21	16 23.01	− 8 26.8	2.446	3.309	10.4	19.4
5 1	16 17.16	− 7 32.5	2.375	3.308	7.8	19.2
5 11	16 9.87	− 6 41.2	2.331	3.306	5.4	19.1
5 21	16 1.75	− 5 56.3	2.314	3.304	4.4	19.0
5 31	15 53.52	− 5 21.1	2.327	3.302	5.7	19.1
6 10	15 45.92	− 4 57.9	2.366	3.298	8.2	19.2
6 20	15 39.53	− 4 47.7	2.430	3.294	10.8	19.4
6 30	15 34.84	− 4 50.7	2.516	3.290	13.2	19.6

507112 2009 SN_5 5 23.0 255°.00 0°.1/23.0 18

4 21	16 26.43	−22 10.7	2.021	2.885	12.2	22.1
5 1	16 20.21	−21 45.1	1.924	2.863	8.9	21.8
5 11	16 11.88	−21 11.9	1.851	2.840	5.1	21.5
5 21	16 2.14	−20 32.1	1.805	2.817	0.9	21.2
5 31	15 52.00	−19 48.5	1.788	2.793	3.5	21.3
6 10	15 42.51	−19 4.9	1.798	2.768	7.7	21.5
6 20	15 34.61	−18 25.6	1.834	2.742	11.7	21.7
6 30	15 28.98	−17 54.2	1.892	2.716	15.1	21.9

240632 2005 AZ_{18} 5 23.1 25°.38 0°.9/22.6 17

4 21	16 21.86	−21 22.7	1.509	2.395	14.3	19.7
5 1	16 17.04	−20 33.9	1.452	2.402	10.3	19.5
5 11	16 10.03	−19 37.2	1.418	2.411	5.7	19.2
5 21	16 1.80	−18 36.2	1.409	2.420	1.2	18.9
5 31	15 53.51	−17 35.8	1.425	2.430	4.2	19.2
6 10	15 46.32	−16 41.8	1.467	2.440	8.7	19.5
6 20	15 41.10	−15 58.5	1.531	2.451	12.8	19.7
6 30	15 38.37	−15 28.6	1.616	2.463	16.2	20.0

54583 2000 QT_{180} 5 23.1 278°.18 1°.7/23.8 18

4 21	16 26.28	−26 31.5	1.488	2.361	15.3	18.5
5 1	16 20.72	−26 10.1	1.404	2.345	11.4	18.2
5 11	16 12.40	−25 34.9	1.340	2.328	6.8	17.9
5 21	16 2.25	−24 46.3	1.302	2.311	2.3	17.5
5 31	15 51.61	−23 47.4	1.289	2.295	4.2	17.6
6 10	15 41.98	−22 44.1	1.301	2.278	9.2	17.9
6 20	15 34.53	−21 43.5	1.336	2.261	13.9	18.1
6 30	15 30.08	−20 51.9	1.391	2.244	18.0	18.3

32341 2000 QG_{89} 5 23.1 6°.62 1°.1/22.6 18

4 21	16 24.49	−21 18.5	1.248	2.139	16.3	18.4
5 1	16 19.41	−20 30.1	1.187	2.139	11.8	18.1
5 11	16 11.58	−19 31.9	1.146	2.140	6.6	17.8
5 21	16 2.08	−18 27.6	1.129	2.140	1.4	17.5
5 31	15 52.39	−17 23.3	1.136	2.141	4.9	17.7
6 10	15 43.99	−16 26.0	1.168	2.143	10.2	18.0
6 20	15 37.97	−15 41.2	1.221	2.145	15.0	18.3
6 30	15 34.99	−15 12.6	1.292	2.147	19.0	18.6

91068 1998 FP_{68} 5 23.1 121°.87 7°.1/25.9 18

4 21	16 30.66	−38 36.3	1.901	2.719	14.8	18.8
5 1	16 23.63	−39 31.1	1.832	2.724	12.0	18.6
5 11	16 13.92	−40 8.8	1.785	2.729	9.3	18.5
5 21	16 2.50	−40 25.2	1.762	2.734	7.4	18.4
5 31	15 50.71	−40 18.9	1.766	2.739	7.4	18.4
6 10	15 40.01	−39 52.8	1.794	2.743	9.3	18.5
6 20	15 31.52	−39 12.6	1.847	2.748	12.0	18.7
6 30	15 25.97	−38 25.6	1.921	2.752	14.6	18.8

317506 2002 TO_{22} 5 23.1 283°.70 0°.7/22.8 17

4 21	16 25.15	−20 43.9	1.560	2.440	14.3	20.5
5 1	16 19.75	−20 19.1	1.473	2.421	10.4	20.2
5 11	16 11.80	−19 47.0	1.409	2.401	5.9	19.9
5 21	16 2.15	−19 9.2	1.370	2.382	1.1	19.5
5 31	15 52.00	−18 29.2	1.357	2.362	4.3	19.7
6 10	15 42.69	−17 51.6	1.370	2.343	9.3	19.9
6 20	15 35.34	−17 21.1	1.405	2.323	13.9	20.2
6 30	15 30.74	−17 1.4	1.460	2.303	17.8	20.4

193700 2001 FV_{57} 5 23.1 43°.24 8°.6/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.10	−40 20.7	1.480	2.309	17.7	18.7
5 1	16 23.46	−41 13.6	1.438	2.334	14.5	18.5
5 11	16 13.81	−41 42.7	1.416	2.360	11.3	18.4
5 21	16 2.45	−41 44.0	1.416	2.386	9.0	18.3
5 31	15 51.10	−41 17.6	1.440	2.413	8.8	18.4
6 10	15 41.40	−40 29.3	1.487	2.440	10.5	18.6
6 20	15 34.49	−39 27.6	1.556	2.467	13.2	18.8
6 30	15 30.93	−38 21.5	1.646	2.495	15.9	19.0

24565 6577 *P–L* 5 23.1 309°.63 1°.1/22.6 18

4 21	16 22.70	−18 50.2	1.733	2.613	13.1	17.8
5 1	16 17.69	−18 33.4	1.650	2.598	9.5	17.6
5 11	16 10.51	−18 12.6	1.591	2.583	5.4	17.3
5 21	16 1.91	−17 49.5	1.557	2.569	1.3	17.0
5 31	15 52.95	−17 26.8	1.550	2.554	4.1	17.2
6 10	15 44.75	−17 7.7	1.569	2.540	8.5	17.4
6 20	15 38.26	−16 55.3	1.611	2.527	12.5	17.6
6 30	15 34.15	−16 52.0	1.673	2.513	16.1	17.8

47838 2000 EP_{119} 5 23.1 282°.93 0°.7/23.3 18

4 21	16 25.85	−21 43.2	1.985	2.851	12.3	18.1
5 1	16 19.91	−22 1.5	1.890	2.830	9.0	17.8
5 11	16 11.78	−22 16.0	1.820	2.809	5.2	17.6
5 21	16 2.16	−22 26.1	1.776	2.787	1.2	17.2
5 31	15 52.02	−22 32.1	1.760	2.766	3.4	17.4
6 10	15 42.47	−22 35.7	1.772	2.744	7.6	17.6
6 20	15 34.49	−22 39.1	1.808	2.722	11.5	17.8
6 30	15 28.82	−22 45.2	1.866	2.700	14.9	17.9

403011 2007 VE_{328} 5 23.1 238°.12 1°.2/24.1 17

4 21	16 19.01	−26 59.3	3.809	4.653	7.4	22.3
5 1	16 14.06	−26 52.7	3.714	4.640	5.5	22.1
5 11	16 8.08	−26 40.6	3.646	4.627	3.4	22.0
5 21	16 1.48	−26 23.2	3.607	4.614	1.4	21.8
5 31	15 54.74	−26 1.5	3.597	4.600	2.1	21.8
6 10	15 48.38	−25 36.9	3.617	4.586	4.2	22.0
6 20	15 42.82	−25 11.4	3.665	4.572	6.4	22.1
6 30	15 38.44	−24 47.0	3.737	4.558	8.3	22.2

253935 2004 CX_{91} 5 23.1 117°.42 0°.2/22.9 17

4 21	16 28.16	−19 49.4	1.646	2.519	14.0	20.6
5 1	16 21.54	−19 57.6	1.584	2.527	10.1	20.4
5 11	16 12.60	−20 1.9	1.545	2.535	5.7	20.1
5 21	16 2.28	−20 2.8	1.532	2.543	1.0	19.8
5 31	15 51.77	−20 1.6	1.545	2.551	3.8	20.0
6 10	15 42.31	−20 0.5	1.586	2.558	8.3	20.3
6 20	15 34.85	−20 2.4	1.650	2.565	12.3	20.6
6 30	15 30.03	−20 9.4	1.735	2.572	15.7	20.8

154498 2003 FT_{24} 5 23.1 5°.47 3°.3/21.8 17

4 21	16 23.01	−14 34.4	1.430	2.320	14.7	19.8
5 1	16 18.03	−14 2.6	1.368	2.320	10.7	19.6
5 11	16 10.70	−13 30.7	1.329	2.320	6.4	19.3
5 21	16 1.95	−13 2.2	1.314	2.321	3.3	19.1
5 31	15 53.00	−12 41.1	1.324	2.323	5.7	19.3
6 10	15 45.09	−12 30.6	1.358	2.325	10.0	19.5
6 20	15 39.18	−12 32.5	1.414	2.327	14.1	19.8
6 30	15 35.91	−12 47.6	1.490	2.330	17.6	20.0

205703 2002 AQ_{23} 5 23.1 189°.53 3°.5/21.6 16

4 21	16 27.31	−13 26.6	1.669	2.545	13.7	20.6
5 1	16 20.87	−12 50.7	1.601	2.544	10.0	20.4
5 11	16 12.22	−12 15.2	1.556	2.543	6.1	20.2
5 21	16 2.22	−11 43.4	1.537	2.542	3.5	20.0
5 31	15 52.00	−11 18.8	1.545	2.540	5.7	20.1
6 10	15 42.73	−11 4.7	1.579	2.537	9.6	20.3
6 20	15 35.34	−11 2.8	1.636	2.534	13.5	20.6
6 30	15 30.45	−11 13.9	1.714	2.530	16.7	20.8

1702 Kalahari 5 23.1 270°.44 3°.6/21.4 18

4 21	16 23.45	−10 38.5	2.083	2.954	11.6	15.7
5 1	16 17.86	−10 19.9	2.000	2.940	8.6	15.5
5 11	16 10.46	−10 4.3	1.942	2.926	5.5	15.2
5 21	16 1.92	− 9 54.3	1.911	2.912	3.7	15.1
5 31	15 53.08	− 9 52.1	1.907	2.897	5.3	15.2
6 10	15 44.86	− 9 59.5	1.930	2.883	8.5	15.3
6 20	15 38.03	−10 17.3	1.977	2.868	11.8	15.5
6 30	15 33.18	−10 45.4	2.046	2.854	14.7	15.7

42795 1999 CO_{12} 5 23.1 131°.45 5°.2/20.7 18

4 21	16 26.81	−10 28.1	1.540	2.419	14.5	19.1
5 1	16 20.46	− 9 26.9	1.486	2.429	10.7	18.9
5 11	16 11.92	− 8 28.9	1.455	2.438	7.1	18.7
5 21	16 2.15	− 7 39.3	1.449	2.446	5.2	18.6
5 31	15 52.33	− 7 2.9	1.469	2.454	7.2	18.7
6 10	15 43.61	− 6 43.1	1.514	2.462	10.8	18.9
6 20	15 36.88	− 6 40.9	1.582	2.469	14.4	19.2
6 30	15 32.69	− 6 55.5	1.669	2.476	17.5	19.4

105685 2000 SC_{51} 5 23.1 149°.94 2°.4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 13.96	− 8 30.4	4.679	5.539	5.8	20.0
5 1	16 10.23	− 7 57.3	4.610	5.541	4.4	19.9
5 11	16 5.85	− 7 26.2	4.568	5.543	3.0	19.8
5 21	16 1.09	− 6 58.6	4.556	5.545	2.4	19.8
5 31	15 56.30	− 6 35.8	4.572	5.547	3.2	19.8
6 10	15 51.79	− 6 18.7	4.617	5.549	4.6	19.9
6 20	15 47.84	− 6 8.1	4.689	5.551	6.0	20.1
6 30	15 44.69	− 6 4.1	4.784	5.553	7.4	20.2

18375 1991 RC_{27} 5 23.1 250°.29 4°.4/24.6 18

4 21	16 29.31	−31 35.6	2.065	2.904	13.0	18.3
5 1	16 22.52	−32 19.9	1.974	2.890	10.1	18.0
5 11	16 13.31	−32 53.9	1.907	2.875	7.0	17.8
5 21	16 2.44	−33 14.5	1.866	2.860	4.7	17.6
5 31	15 51.01	−33 20.3	1.852	2.845	5.2	17.6
6 10	15 40.27	−33 13.0	1.866	2.829	8.0	17.8
6 20	15 31.28	−32 56.1	1.905	2.813	11.3	17.9
6 30	15 24.85	−32 35.0	1.966	2.796	14.4	18.1

131543 2001 UZ_{163} 5 23.1 239°.47 4°.0/21.2 16

4 21	16 26.85	−13 16.6	1.624	2.502	13.9	21.1
5 1	16 20.73	−12 25.3	1.545	2.489	10.3	20.9
5 11	16 12.25	−11 32.9	1.488	2.476	6.4	20.6
5 21	16 2.24	−10 43.6	1.458	2.461	4.0	20.4
5 31	15 51.86	−10 2.3	1.454	2.447	6.3	20.5
6 10	15 42.35	− 9 33.4	1.476	2.431	10.4	20.7
6 20	15 34.70	− 9 19.6	1.521	2.415	14.4	20.9
6 30	15 29.63	− 9 21.9	1.585	2.399	18.0	21.1

131754 2002 AO 5 23.1 86°.82 4°.4/24.9 18

4 21	16 30.02	−31 40.1	1.411	2.270	16.7	19.2
5 1	16 23.26	−31 46.3	1.356	2.285	12.8	19.0
5 11	16 13.67	−31 35.0	1.323	2.299	8.4	18.8
5 21	16 2.46	−31 4.9	1.312	2.314	4.9	18.6
5 31	15 51.20	−30 18.2	1.328	2.328	5.4	18.7
6 10	15 41.45	−29 21.3	1.368	2.342	9.2	18.9
6 20	15 34.28	−28 21.8	1.431	2.356	13.2	19.2
6 30	15 30.29	−27 26.8	1.515	2.370	16.7	19.5

342641 2008 UM_{356} 5 23.1 298°.83 3°.0/23.7 17

4 21	16 28.85	−25 23.9	1.685	2.549	14.2	21.1
5 1	16 22.73	−26 16.0	1.583	2.519	10.8	20.8
5 11	16 13.74	−27 3.5	1.505	2.488	6.8	20.5
5 21	16 2.57	−27 43.4	1.451	2.458	3.3	20.2
5 31	15 50.43	−28 13.2	1.425	2.427	4.7	20.2
6 10	15 38.81	−28 33.1	1.425	2.397	9.1	20.4
6 20	15 29.07	−28 45.8	1.449	2.366	13.6	20.6
6 30	15 22.26	−28 55.6	1.493	2.336	17.5	20.7

379705 2011 FC_{144} 5 23.1 112°.91 2°.7/24.2 17

4 21	16 27.12	−27 43.0	1.830	2.688	13.5	21.2
5 1	16 20.77	−28 0.2	1.763	2.694	10.1	21.0
5 11	16 12.18	−28 7.4	1.718	2.700	6.3	20.8
5 21	16 2.22	−28 3.4	1.700	2.705	3.1	20.6
5 31	15 52.05	−27 49.0	1.708	2.711	4.0	20.7
6 10	15 42.86	−27 27.4	1.744	2.716	7.7	20.9
6 20	15 35.58	−27 2.8	1.803	2.721	11.3	21.2
6 30	15 30.83	−26 39.7	1.885	2.726	14.5	21.4

324382 2006 RH_{59} 5 23.1 255°.70 2°.4/21.9 17

4 21	16 25.21	−16 48.4	1.671	2.550	13.6	21.5
5 1	16 19.51	−16 5.3	1.591	2.538	9.8	21.3
5 11	16 11.54	−15 18.1	1.535	2.525	5.7	21.0
5 21	16 2.13	−14 30.2	1.504	2.512	2.5	20.8
5 31	15 52.37	−13 45.8	1.499	2.499	5.0	20.9
6 10	15 43.47	−13 9.4	1.521	2.485	9.4	21.1
6 20	15 36.37	−12 44.5	1.566	2.471	13.5	21.3
6 30	15 31.78	−12 33.3	1.631	2.457	17.0	21.5

40979 1999 TL_{280} 5 23.1 247°.13 3°.7/20.9 18

4 21	16 23.02	−12 50.3	1.931	2.807	12.1	19.2
5 1	16 17.59	−11 56.1	1.855	2.799	8.9	19.0
5 11	16 10.31	−11 1.6	1.805	2.791	5.6	18.8
5 21	16 1.90	−10 10.6	1.781	2.782	3.7	18.6
5 31	15 53.28	− 9 27.4	1.784	2.774	5.6	18.7
6 10	15 45.41	− 8 55.6	1.813	2.765	9.0	18.9
6 20	15 39.07	− 8 37.3	1.867	2.756	12.4	19.1
6 30	15 34.81	− 8 33.4	1.941	2.747	15.4	19.3

184618 2005 RJ_{16} 5 23.1 271°.01 1°.6/22.2 16

4 21	16 21.75	−16 56.8	2.233	3.105	10.9	21.1
5 1	16 16.52	−16 31.5	2.153	3.097	7.8	20.9
5 11	16 9.65	−16 4.0	2.099	3.089	4.5	20.7
5 21	16 1.78	−15 36.4	2.072	3.081	1.7	20.4
5 31	15 53.71	−15 10.9	2.072	3.073	3.7	20.6
6 10	15 46.28	−14 50.3	2.100	3.065	7.2	20.8
6 20	15 40.18	−14 36.7	2.154	3.056	10.4	21.0
6 30	15 35.92	−14 31.7	2.229	3.048	13.3	21.1

82591 2001 OW_{89} 5 23.1 288°.41 0°.6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.59	−19 28.8	1.999	2.871	12.0	19.5
5 1	16 18.17	−19 22.0	1.907	2.851	8.7	19.3
5 11	16 10.75	−19 11.7	1.840	2.831	4.9	19.0
5 21	16 2.00	−18 58.6	1.799	2.811	1.0	18.7
5 31	15 52.85	−18 44.6	1.786	2.791	3.5	18.8
6 10	15 44.32	−18 32.2	1.800	2.771	7.6	19.0
6 20	15 37.29	−18 24.0	1.838	2.750	11.4	19.2
6 30	15 32.42	−18 22.4	1.898	2.730	14.7	19.4

246484 2007 XY_{7} 5 23.1 178°.77 2°.4/21.4 18

4 21	16 22.02	−15 21.6	2.363	3.233	10.4	20.6
5 1	16 16.53	−14 29.2	2.292	3.234	7.5	20.4
5 11	16 9.57	−13 35.1	2.247	3.235	4.5	20.2
5 21	16 1.76	−12 42.0	2.229	3.235	2.4	20.1
5 31	15 53.86	−11 53.5	2.241	3.235	4.2	20.2
6 10	15 46.64	−11 12.8	2.280	3.235	7.3	20.4
6 20	15 40.69	−10 42.2	2.345	3.234	10.2	20.6
6 30	15 36.47	−10 23.0	2.431	3.233	12.8	20.7

431508 2007 TD_{173} 5 23.1 261°.71 2°.0/22.0 17

4 21	16 23.09	−16 26.9	2.014	2.888	11.8	21.2
5 1	16 17.65	−15 55.9	1.933	2.877	8.5	21.0
5 11	16 10.36	−15 22.6	1.877	2.867	4.9	20.8
5 21	16 1.92	−14 49.3	1.847	2.856	2.1	20.6
5 31	15 53.22	−14 19.0	1.845	2.845	4.2	20.7
6 10	15 45.22	−13 54.9	1.870	2.833	8.0	20.9
6 20	15 38.71	−13 39.4	1.919	2.822	11.5	21.1
6 30	15 34.26	−13 34.1	1.990	2.811	14.6	21.3

455297 2002 DK 5 23.1 13°.67 2°.4/22.3 17

4 21	16 22.69	−17 15.6	1.046	1.951	17.6	20.4
5 1	16 18.40	−16 50.7	0.994	1.954	12.7	20.1
5 11	16 11.14	−16 22.8	0.963	1.958	7.2	19.8
5 21	16 2.07	−15 55.6	0.952	1.963	2.5	19.5
5 31	15 52.78	−15 33.5	0.965	1.969	5.8	19.8
6 10	15 44.92	−15 21.1	0.999	1.977	11.2	20.1
6 20	15 39.64	−15 21.2	1.053	1.985	16.1	20.4
6 30	15 37.63	−15 34.8	1.124	1.994	20.2	20.7

2959 Scholl 5 23.1 204°.50 1°.2/22.0 18

4 21	16 17.57	−15 39.5	4.123	4.983	6.6	18.2
5 1	16 12.90	−15 23.2	4.040	4.978	4.7	18.0
5 11	16 7.39	−15 6.3	3.984	4.972	2.7	17.9
5 21	16 1.39	−14 49.9	3.958	4.966	1.2	17.7
5 31	15 55.30	−14 35.2	3.962	4.960	2.3	17.8
6 10	15 49.53	−14 23.2	3.995	4.953	4.3	18.0
6 20	15 44.45	−14 15.0	4.056	4.946	6.3	18.1
6 30	15 40.35	−14 11.3	4.141	4.939	8.0	18.2

93160 2000 SU_{87} 5 23.1 272°.42 3°.9/21.1 18

4 21	16 24.45	−11 43.6	1.916	2.790	12.3	20.8
5 1	16 18.81	−11 4.5	1.825	2.766	9.2	20.5
5 11	16 11.13	−10 26.3	1.757	2.742	5.9	20.3
5 21	16 2.08	− 9 52.1	1.716	2.718	3.9	20.1
5 31	15 52.61	− 9 25.8	1.702	2.693	5.8	20.2
6 10	15 43.75	− 9 10.5	1.715	2.667	9.4	20.3
6 20	15 36.39	− 9 8.2	1.751	2.641	13.1	20.5
6 30	15 31.22	− 9 19.6	1.808	2.615	16.3	20.7

245103 2004 PW_{58} 5 23.1 256°.21 3°.6/25.2 18

4 21	16 23.68	−32 51.4	2.409	3.245	11.4	20.3
5 1	16 17.99	−32 57.2	2.327	3.241	8.8	20.1
5 11	16 10.51	−32 51.2	2.269	3.237	6.1	19.9
5 21	16 1.95	−32 32.6	2.237	3.232	3.9	19.8
5 31	15 53.19	−32 2.1	2.233	3.228	4.2	19.8
6 10	15 45.14	−31 22.8	2.256	3.223	6.6	19.9
6 20	15 38.56	−30 38.6	2.306	3.219	9.4	20.1
6 30	15 34.00	−29 53.9	2.378	3.214	12.0	20.2

502138 2015 BL_{25} 5 23.1 140°.11 0°.3/22.9 17

4 21	16 25.41	−21 14.7	1.886	2.756	12.7	21.6
5 1	16 19.32	−20 51.7	1.819	2.762	9.1	21.4
5 11	16 11.27	−20 22.7	1.777	2.767	5.1	21.2
5 21	16 2.08	−19 49.3	1.761	2.772	0.9	20.9
5 31	15 52.76	−19 14.4	1.773	2.777	3.5	21.1
6 10	15 44.37	−18 41.6	1.811	2.782	7.6	21.4
6 20	15 37.69	−18 14.3	1.875	2.786	11.3	21.6
6 30	15 33.28	−17 55.2	1.960	2.791	14.4	21.8

513561 2010 RL_{188} 5 23.1 313°.72 1°.2/24.2 18

4 21	16 15.92	−27 22.2	4.373	5.217	6.5	21.0
5 1	16 11.75	−27 15.1	4.291	5.216	4.8	20.9
5 11	16 6.75	−27 3.2	4.235	5.215	3.0	20.7
5 21	16 1.29	−26 46.9	4.208	5.214	1.3	20.6
5 31	15 55.75	−26 27.1	4.210	5.213	1.8	20.6
6 10	15 50.55	−26 4.9	4.242	5.212	3.7	20.8
6 20	15 46.03	−25 42.0	4.302	5.211	5.5	20.9
6 30	15 42.49	−25 19.9	4.386	5.210	7.1	21.0

172848 2005 EA_{17} 5 23.1 93°.94 1°.8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.74	−25 25.8	1.507	2.377	15.3	20.7
5 1	16 22.13	−25 28.4	1.450	2.390	11.2	20.5
5 11	16 12.99	−25 20.7	1.416	2.403	6.6	20.3
5 21	16 2.38	−25 2.7	1.406	2.416	2.3	20.0
5 31	15 51.68	−24 36.5	1.423	2.429	4.0	20.2
6 10	15 42.25	−24 6.3	1.466	2.441	8.5	20.5
6 20	15 35.09	−23 37.2	1.531	2.453	12.7	20.7
6 30	15 30.81	−23 13.6	1.618	2.465	16.2	21.0

17875 1999 AQ_{2} 5 23.1 51°.82 3°.6/24.1 18

4 21	16 29.09	−27 21.9	1.256	2.132	17.3	17.4
5 1	16 22.95	−27 54.4	1.200	2.140	12.9	17.1
5 11	16 13.70	−28 14.7	1.164	2.148	8.1	16.9
5 21	16 2.53	−28 20.2	1.151	2.157	4.0	16.6
5 31	15 51.09	−28 11.4	1.162	2.166	5.2	16.7
6 10	15 41.09	−27 52.3	1.198	2.175	9.8	17.0
6 20	15 33.79	−27 29.1	1.255	2.184	14.3	17.3
6 30	15 29.91	−27 7.8	1.331	2.194	18.1	17.6

141384 2002 AV_{74} 5 23.1 108°.41 1°.6/23.9 17

4 21	16 23.61	−26 13.1	2.355	3.210	11.0	21.0
5 1	16 17.78	−26 12.2	2.287	3.219	8.1	20.8
5 11	16 10.32	−26 3.7	2.244	3.227	4.9	20.6
5 21	16 1.92	−25 47.8	2.227	3.236	1.9	20.4
5 31	15 53.40	−25 25.7	2.240	3.244	3.0	20.5
6 10	15 45.64	−25 0.2	2.280	3.252	6.2	20.7
6 20	15 39.29	−24 34.3	2.346	3.260	9.2	20.9
6 30	15 34.86	−24 11.2	2.435	3.267	11.9	21.1

502516 2015 BZ_{429} 5 23.1 130°.38 2°.6/21.9 17

4 21	16 25.48	−14 27.2	1.919	2.792	12.4	21.7
5 1	16 19.26	−14 3.7	1.858	2.801	8.9	21.5
5 11	16 11.20	−13 40.4	1.821	2.810	5.3	21.3
5 21	16 2.07	−13 19.5	1.811	2.818	2.6	21.1
5 31	15 52.86	−13 3.6	1.829	2.826	4.6	21.3
6 10	15 44.52	−12 55.2	1.873	2.834	8.2	21.5
6 20	15 37.82	−12 55.5	1.942	2.841	11.6	21.7
6 30	15 33.27	−13 5.5	2.033	2.848	14.5	21.9

521042 2015 DT_{235} 5 23.1 281°.62 2°.1/22.2 17

4 21	16 24.95	−16 18.2	1.745	2.622	13.1	21.2
5 1	16 19.39	−16 0.7	1.656	2.602	9.6	20.9
5 11	16 11.55	−15 41.4	1.591	2.581	5.6	20.6
5 21	16 2.18	−15 22.3	1.551	2.560	2.1	20.3
5 31	15 52.34	−15 6.0	1.538	2.539	4.6	20.5
6 10	15 43.19	−14 55.5	1.551	2.518	9.0	20.7
6 20	15 35.74	−14 53.4	1.588	2.497	13.1	20.9
6 30	15 30.73	−15 1.5	1.645	2.475	16.7	21.0

204884 2007 TB_{136} 5 23.1 109°.60 0°.8/23.6 18

4 21	16 24.67	−26 7.1	2.238	3.094	11.5	20.1
5 1	16 18.46	−25 22.3	2.175	3.109	8.3	19.9
5 11	16 10.64	−24 27.9	2.138	3.124	4.8	19.7
5 21	16 1.98	−23 25.9	2.128	3.138	1.3	19.5
5 31	15 53.35	−22 19.9	2.147	3.152	2.9	19.7
6 10	15 45.61	−21 14.4	2.194	3.166	6.4	19.9
6 20	15 39.41	−20 13.5	2.268	3.179	9.6	20.1
6 30	15 35.19	−19 21.0	2.366	3.192	12.4	20.3

498043 2007 LV_{15} 5 23.1 30°.99 6°.7/20.3 17

4 21	16 22.85	− 5 48.8	1.566	2.446	14.2	20.9
5 1	16 17.65	− 4 57.3	1.512	2.451	10.9	20.7
5 11	16 10.39	− 4 14.2	1.481	2.456	8.0	20.6
5 21	16 1.95	− 3 44.6	1.474	2.461	6.8	20.5
5 31	15 53.41	− 3 32.4	1.493	2.467	8.3	20.6
6 10	15 45.84	− 3 39.3	1.534	2.474	11.4	20.8
6 20	15 40.07	− 4 4.8	1.598	2.480	14.6	21.0
6 30	15 36.65	− 4 46.7	1.681	2.487	17.4	21.2

121387 1999 TE_{117} 5 23.1 216°.94 1°.3/22.2 18

4 21	16 21.14	−17 35.2	2.653	3.519	9.6	20.5
5 1	16 15.86	−17 4.3	2.573	3.514	6.9	20.3
5 11	16 9.21	−16 30.7	2.519	3.509	3.9	20.1
5 21	16 1.75	−15 56.5	2.493	3.503	1.4	19.9
5 31	15 54.15	−15 23.7	2.497	3.497	3.2	20.0
6 10	15 47.11	−14 55.1	2.528	3.491	6.2	20.2
6 20	15 41.19	−14 32.5	2.586	3.484	9.1	20.4
6 30	15 36.86	−14 17.7	2.667	3.478	11.6	20.5

507338 2011 UK_{62} 5 23.1 105°.71 0°.7/22.6 17

4 21	16 21.88	−20 31.8	2.281	3.150	10.8	21.5
5 1	16 16.51	−19 54.6	2.213	3.155	7.8	21.3
5 11	16 9.60	−19 12.3	2.170	3.160	4.3	21.1
5 21	16 1.81	−18 27.2	2.154	3.165	0.9	20.8
5 31	15 53.96	−17 42.2	2.167	3.170	3.2	21.0
6 10	15 46.83	−17 0.5	2.207	3.175	6.6	21.2
6 20	15 41.06	−16 25.2	2.273	3.180	9.8	21.4
6 30	15 37.11	−15 58.5	2.362	3.185	12.5	21.6

464585 2016 CT_{98} 5 23.1 109°.18 3°.5/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.29	−14 38.2	1.533	2.411	14.6	22.4
5 1	16 21.48	−13 46.1	1.484	2.430	10.5	22.2
5 11	16 12.48	−12 53.4	1.459	2.448	6.3	21.9
5 21	16 2.31	−12 4.5	1.459	2.465	3.5	21.8
5 31	15 52.19	−11 23.8	1.486	2.482	5.8	22.0
6 10	15 43.31	−10 55.3	1.539	2.498	9.8	22.3
6 20	15 36.51	−10 40.9	1.615	2.513	13.5	22.5
6 30	15 32.29	−10 41.1	1.710	2.528	16.7	22.8

275701 2000 UA_{30} 5 23.1 219°.35 1°.8/21.8 18

4 21	16 24.89	−20 12.7	1.999	2.868	12.1	20.4
5 1	16 18.86	−18 46.8	1.920	2.863	8.7	20.2
5 11	16 11.00	−17 12.1	1.867	2.858	4.9	20.0
5 21	16 2.08	−15 33.2	1.843	2.852	1.9	19.7
5 31	15 53.05	−13 56.0	1.847	2.846	4.3	19.9
6 10	15 44.87	−12 26.7	1.880	2.840	8.2	20.1
6 20	15 38.29	−11 10.5	1.938	2.833	11.8	20.3
6 30	15 33.84	−10 10.4	2.019	2.826	14.8	20.5

214941 2007 VO_{253} 5 23.1 221°.15 2°.6/21.9 17

4 21	16 26.91	−15 28.2	1.777	2.651	13.1	21.0
5 1	16 20.61	−14 55.1	1.699	2.643	9.6	20.8
5 11	16 12.14	−14 20.2	1.645	2.634	5.6	20.5
5 21	16 2.30	−13 46.1	1.617	2.625	2.6	20.3
5 31	15 52.15	−13 16.4	1.617	2.615	5.0	20.4
6 10	15 42.84	−12 54.5	1.643	2.605	9.0	20.7
6 20	15 35.28	−12 43.0	1.693	2.593	12.9	20.9
6 30	15 30.14	−12 43.4	1.764	2.582	16.3	21.1

215356 2001 XJ_{147} 5 23.1 145°.22 0°.9/22.6 18

4 21	16 22.69	−18 25.7	2.371	3.239	10.5	21.2
5 1	16 17.08	−18 12.2	2.301	3.242	7.5	21.0
5 11	16 9.93	−17 56.2	2.256	3.246	4.2	20.8
5 21	16 1.89	−17 39.0	2.239	3.250	1.1	20.6
5 31	15 53.73	−17 22.4	2.250	3.253	3.1	20.7
6 10	15 46.23	−17 8.5	2.289	3.256	6.5	21.0
6 20	15 40.04	−16 59.2	2.354	3.259	9.6	21.2
6 30	15 35.63	−16 56.2	2.442	3.262	12.2	21.3

150280 1999 TO_{57} 5 23.1 288°.94 0°.4/22.9 18

4 21	16 22.10	−20 24.6	2.249	3.118	10.9	20.2
5 1	16 16.92	−20 9.7	2.156	3.098	7.9	20.0
5 11	16 9.99	−19 50.2	2.088	3.078	4.5	19.7
5 21	16 1.93	−19 27.3	2.047	3.058	0.8	19.4
5 31	15 53.56	−19 3.1	2.034	3.039	3.2	19.6
6 10	15 45.75	−18 40.0	2.049	3.019	6.9	19.8
6 20	15 39.26	−18 20.9	2.089	2.999	10.4	19.9
6 30	15 34.69	−18 8.2	2.151	2.979	13.4	20.1

13947 1990 QB_{5} 5 23.1 204°.94 0°.3/22.9 18

4 21	16 27.46	−20 10.0	2.033	2.897	12.1	18.6
5 1	16 20.84	−20 7.6	1.953	2.893	8.8	18.4
5 11	16 12.22	−20 1.2	1.898	2.887	5.0	18.1
5 21	16 2.32	−19 51.3	1.870	2.882	0.9	17.8
5 31	15 52.14	−19 39.4	1.870	2.875	3.4	18.0
6 10	15 42.73	−19 28.0	1.899	2.868	7.4	18.2
6 20	15 34.92	−19 19.6	1.953	2.860	11.1	18.4
6 30	15 29.35	−19 16.7	2.028	2.852	14.2	18.6

39178 2000 WK_{157} 5 23.1 231°.07 1°.2/22.7 18

4 21	16 26.64	−16 27.5	1.980	2.849	12.2	18.6
5 1	16 20.29	−16 39.4	1.902	2.844	8.8	18.4
5 11	16 11.93	−16 51.2	1.848	2.838	5.0	18.1
5 21	16 2.28	−17 3.5	1.821	2.832	1.4	17.9
5 31	15 52.31	−17 17.0	1.823	2.826	3.7	18.0
6 10	15 43.06	−17 32.9	1.852	2.819	7.7	18.2
6 20	15 35.40	−17 52.4	1.906	2.813	11.4	18.4
6 30	15 29.96	−18 16.9	1.982	2.806	14.5	18.6

35706 1999 FG_{25} 5 23.1 326°.66 3°.7/22.0 18

4 21	16 24.39	−13 35.8	1.190	2.087	16.5	17.9
5 1	16 19.63	−13 19.2	1.121	2.076	12.2	17.6
5 11	16 11.94	−13 4.7	1.073	2.065	7.4	17.3
5 21	16 2.31	−12 55.6	1.047	2.055	3.8	17.0
5 31	15 52.17	−12 55.4	1.045	2.045	6.5	17.1
6 10	15 43.11	−13 6.9	1.065	2.037	11.5	17.4
6 20	15 36.41	−13 31.4	1.106	2.028	16.4	17.6
6 30	15 32.90	−14 9.0	1.164	2.021	20.5	17.9

496892 2000 XZ_{10} 5 23.1 137°.66 0°.3/23.3 17

4 21	16 24.76	−24 5.6	1.916	2.782	12.7	20.9
5 1	16 18.86	−23 26.8	1.847	2.787	9.2	20.7
5 11	16 11.03	−22 38.8	1.802	2.791	5.2	20.4
5 21	16 2.10	−21 43.6	1.784	2.795	1.0	20.1
5 31	15 53.08	−20 44.9	1.793	2.799	3.3	20.3
6 10	15 44.99	−19 47.5	1.830	2.803	7.4	20.6
6 20	15 38.60	−18 55.8	1.892	2.806	11.1	20.8
6 30	15 34.46	−18 13.6	1.976	2.809	14.2	21.0

198596 2005 AR_5 5 23.1 68°.93 0°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.26	−17 52.7	1.787	2.661	13.1	20.0
5 1	16 19.95	−18 0.2	1.733	2.677	9.4	19.8
5 11	16 11.64	−18 6.1	1.703	2.694	5.3	19.5
5 21	16 2.21	−18 10.8	1.699	2.711	1.2	19.3
5 31	15 52.70	−18 15.6	1.723	2.727	3.7	19.5
6 10	15 44.19	−18 22.3	1.773	2.744	7.7	19.8
6 20	15 37.47	−18 32.5	1.848	2.760	11.4	20.0
6 30	15 33.09	−18 47.9	1.944	2.777	14.4	20.3

79599 1998 RB_{37} 5 23.1 156°.25 3°.1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.04	−29 51.9	1.795	2.648	14.0	19.5
5 1	16 21.49	−29 47.4	1.725	2.652	10.6	19.3
5 11	16 12.63	−29 29.4	1.677	2.656	6.8	19.1
5 21	16 2.40	−28 57.6	1.656	2.660	3.5	18.9
5 31	15 52.00	−28 13.9	1.661	2.663	4.2	18.9
6 10	15 42.66	−27 22.8	1.693	2.666	7.8	19.1
6 20	15 35.33	−26 30.2	1.750	2.669	11.5	19.4
6 30	15 30.62	−25 41.6	1.829	2.671	14.8	19.6

499862 2011 EU_{76} 5 23.1 24°.58 10°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.67	−41 24.5	1.537	2.356	17.6	20.2
5 1	16 25.98	−43 7.7	1.476	2.360	14.9	20.0
5 11	16 15.72	−44 30.6	1.435	2.366	12.2	19.9
5 21	16 3.00	−45 25.2	1.417	2.372	10.5	19.8
5 31	15 49.58	−45 47.1	1.422	2.378	10.5	19.8
6 10	15 37.46	−45 38.7	1.450	2.385	12.2	19.9
6 20	15 28.24	−45 7.1	1.500	2.392	14.7	20.1
6 30	15 22.86	−44 22.1	1.568	2.400	17.3	20.3

152694 1998 RX_6 5 23.1 288°.34 7°.1/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.04	−41 52.9	2.371	3.166	12.9	19.9
5 1	16 20.88	−42 37.0	2.279	3.151	10.8	19.8
5 11	16 12.41	−43 5.4	2.210	3.136	8.8	19.6
5 21	16 2.39	−43 14.5	2.165	3.121	7.3	19.5
5 31	15 51.90	−43 2.8	2.146	3.106	7.3	19.4
6 10	15 42.14	−42 32.2	2.153	3.091	8.6	19.5
6 20	15 34.11	−41 47.2	2.185	3.076	10.8	19.6
6 30	15 28.56	−40 53.8	2.238	3.061	13.1	19.7

52410 1993 UG_6 5 23.1 345°.17 6°.4/20.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.42	− 8 15.5	1.449	2.337	14.7	18.2
5 1	16 17.59	− 7 12.4	1.388	2.333	11.2	17.9
5 11	16 10.50	− 6 14.4	1.349	2.330	7.9	17.7
5 21	16 2.04	− 5 27.6	1.334	2.327	6.4	17.7
5 31	15 53.36	− 4 57.3	1.343	2.324	8.3	17.7
6 10	15 45.66	− 4 46.9	1.376	2.322	11.8	17.9
6 20	15 39.87	− 4 56.9	1.430	2.320	15.4	18.2
6 30	15 36.61	− 5 25.8	1.502	2.319	18.6	18.4

268463 2005 WS_{177} 5 23.1 23°.51 0°.3/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.09	−21 44.6	1.658	2.534	13.8	20.8
5 1	16 19.42	−21 40.6	1.590	2.535	10.0	20.6
5 11	16 11.51	−21 30.6	1.546	2.537	5.7	20.3
5 21	16 2.21	−21 15.3	1.527	2.538	1.1	20.0
5 31	15 52.69	−20 56.7	1.534	2.540	3.7	20.2
6 10	15 44.14	−20 38.2	1.567	2.542	8.2	20.5
6 20	15 37.50	−20 23.2	1.624	2.544	12.2	20.7
6 30	15 33.39	−20 14.7	1.702	2.546	15.6	20.9

292246 2006 SG_{76} 5 23.1 220°.47 0°.9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.91	−19 14.4	1.923	2.791	12.5	22.1
5 1	16 20.55	−18 57.0	1.841	2.783	9.1	21.9
5 11	16 12.10	−18 35.3	1.784	2.774	5.1	21.6
5 21	16 2.33	−18 10.6	1.754	2.765	1.2	21.3
5 31	15 52.25	−17 45.4	1.751	2.755	3.8	21.5
6 10	15 42.95	−17 22.9	1.776	2.744	7.9	21.7
6 20	15 35.32	−17 6.1	1.826	2.733	11.8	21.9
6 30	15 30.00	−16 57.3	1.897	2.721	15.1	22.1

189486 1999 XS_8 5 23.1 254°.51 0°.8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.52	−21 15.9	2.137	3.003	11.6	19.5
5 1	16 18.69	−20 24.6	2.044	2.985	8.4	19.3
5 11	16 11.00	−19 25.3	1.976	2.966	4.7	19.0
5 21	16 2.14	−18 20.3	1.936	2.947	1.0	18.7
5 31	15 53.00	−17 13.6	1.924	2.927	3.6	18.9
6 10	15 44.54	−16 9.9	1.941	2.907	7.5	19.1
6 20	15 37.55	−15 13.5	1.983	2.887	11.2	19.3
6 30	15 32.62	−14 28.0	2.048	2.866	14.3	19.5

197486 2004 BQ_{29} 5 23.1 153°.36 0°.8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.87	−18 39.6	2.446	3.310	10.4	21.2
5 1	16 17.87	−18 25.5	2.377	3.317	7.4	21.0
5 11	16 10.38	−18 8.7	2.333	3.323	4.2	20.8
5 21	16 2.01	−17 50.4	2.318	3.329	1.0	20.6
5 31	15 53.54	−17 32.3	2.331	3.334	3.1	20.8
6 10	15 45.74	−17 16.8	2.373	3.339	6.4	21.0
6 20	15 39.24	−17 5.7	2.441	3.344	9.4	21.2
6 30	15 34.51	−17 0.6	2.532	3.348	12.0	21.4

384023 2008 UE_{100} 5 23.1 196°.08 2°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.14	−28 23.9	2.410	3.252	11.3	22.1
5 1	16 21.23	−28 52.7	2.328	3.249	8.5	21.9
5 11	16 12.42	−29 13.5	2.270	3.246	5.5	21.7
5 21	16 2.39	−29 24.8	2.240	3.242	3.0	21.5
5 31	15 52.05	−29 26.4	2.239	3.238	3.7	21.5
6 10	15 42.38	−29 20.0	2.267	3.233	6.6	21.7
6 20	15 34.18	−29 8.5	2.321	3.228	9.6	21.9
6 30	15 28.07	−28 55.6	2.398	3.222	12.3	22.1

169957 2002 TN_{98} 5 23.1 161°.40 2°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.48	−28 25.2	2.082	2.935	12.3	20.7
5 1	16 19.46	−28 38.3	2.008	2.936	9.3	20.5
5 11	16 11.45	−28 41.7	1.958	2.937	5.9	20.3
5 21	16 2.22	−28 34.7	1.933	2.938	3.0	20.1
5 31	15 52.76	−28 17.9	1.937	2.939	3.8	20.1
6 10	15 44.12	−27 54.3	1.968	2.939	7.0	20.3
6 20	15 37.13	−27 27.5	2.024	2.940	10.3	20.5
6 30	15 32.38	−27 1.7	2.102	2.940	13.3	20.7

75889 2000 CV_{35} 5 23.1 191°.31 2°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.57	−15 12.9	2.189	3.060	11.1	20.6
5 1	16 17.83	−14 46.4	2.117	3.059	8.1	20.4
5 11	16 10.43	−14 19.0	2.069	3.058	4.7	20.2
5 21	16 2.04	−13 52.9	2.049	3.056	2.2	20.0
5 31	15 53.48	−13 30.6	2.057	3.054	4.1	20.2
6 10	15 45.63	−13 14.6	2.092	3.052	7.5	20.4
6 20	15 39.17	−13 6.8	2.152	3.050	10.7	20.6
6 30	15 34.61	−13 8.1	2.235	3.047	13.4	20.7

214237 2005 EF_{181} 5 23.1 107°.97 1°.2/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.64	−23 19.4	1.502	2.375	15.1	20.4
5 1	16 22.18	−23 29.7	1.439	2.382	11.0	20.2
5 11	16 13.15	−23 32.4	1.399	2.388	6.4	19.9
5 21	16 2.53	−23 27.2	1.384	2.395	1.7	19.6
5 31	15 51.69	−23 15.5	1.395	2.401	4.0	19.8
6 10	15 42.01	−23 0.6	1.431	2.407	8.7	20.1
6 20	15 34.55	−22 46.6	1.491	2.412	13.0	20.3
6 30	15 29.99	−22 37.5	1.571	2.418	16.6	20.6

314030 2004 XK_{94} 5 23.1 258°.11 2°.4/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.50	−15 8.3	1.609	2.485	14.2	21.5
5 1	16 22.16	−15 0.3	1.523	2.467	10.4	21.2
5 11	16 13.26	−14 52.4	1.459	2.449	6.1	20.9
5 21	16 2.58	−14 46.2	1.421	2.430	2.5	20.7
5 31	15 51.34	−14 44.0	1.409	2.410	5.1	20.8
6 10	15 40.86	−14 48.2	1.423	2.390	9.7	21.0
6 20	15 32.28	−15 0.8	1.461	2.369	14.1	21.2
6 30	15 26.43	−15 23.1	1.519	2.348	17.9	21.4

504550 2008 SZ_{210} 5 23.1 231°.08 5°.4/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.22	−36 23.5	2.112	2.935	13.3	21.9
5 1	16 21.68	−36 46.3	2.026	2.927	10.6	21.7
5 11	16 12.83	−36 53.9	1.964	2.919	7.8	21.5
5 21	16 2.49	−36 43.8	1.926	2.910	5.7	21.4
5 31	15 51.79	−36 15.8	1.916	2.901	5.8	21.4
6 10	15 41.95	−35 32.9	1.932	2.891	8.0	21.5
6 20	15 33.96	−34 40.4	1.973	2.882	11.0	21.7
6 30	15 28.50	−33 44.7	2.037	2.872	13.8	21.8

229885 2009 UV_{82} 5 23.1 226°.43 1°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.37	−18 43.3	1.844	2.717	12.8	20.9
5 1	16 19.47	−18 28.3	1.769	2.713	9.2	20.6
5 11	16 11.50	−18 9.8	1.718	2.709	5.2	20.4
5 21	16 2.25	−17 49.2	1.693	2.704	1.3	20.1
5 31	15 52.74	−17 29.0	1.695	2.699	3.9	20.3
6 10	15 44.05	−17 12.0	1.724	2.694	8.0	20.5
6 20	15 37.05	−17 1.0	1.778	2.688	11.9	20.7
6 30	15 32.37	−16 58.2	1.852	2.683	15.1	20.9

475810 2006 YN_{28} 5 23.1 137°.67 3°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.41	−33 46.6	2.808	3.633	10.3	22.3
5 1	16 18.24	−33 45.2	2.737	3.643	8.0	22.2
5 11	16 10.57	−33 32.6	2.689	3.653	5.5	22.0
5 21	16 2.06	−33 8.6	2.670	3.662	3.6	21.9
5 31	15 53.50	−32 34.0	2.678	3.671	3.7	21.9
6 10	15 45.64	−31 51.8	2.716	3.680	5.8	22.1
6 20	15 39.11	−31 5.5	2.780	3.688	8.2	22.2
6 30	15 34.36	−30 19.0	2.868	3.696	10.4	22.4

316573 2011 SM_{47} 5 23.1 261°.37 2°.7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.67	−12 49.0	2.169	3.040	11.2	20.2
5 1	16 17.99	−12 41.1	2.090	3.031	8.2	20.0
5 11	16 10.58	−12 35.2	2.036	3.023	5.0	19.8
5 21	16 2.09	−12 32.7	2.009	3.014	2.7	19.6
5 31	15 53.35	−12 35.6	2.010	3.006	4.4	19.7
6 10	15 45.23	−12 45.1	2.038	2.997	7.7	19.9
6 20	15 38.48	−13 2.1	2.091	2.988	10.9	20.1
6 30	15 33.65	−13 27.1	2.166	2.979	13.8	20.2

257227 2009 DU_{35} 5 23.1 303°.86 11°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.99	−48 23.4	2.021	2.784	15.8	19.5
5 1	16 27.14	−50 6.9	1.926	2.759	14.1	19.3
5 11	16 16.65	−51 32.5	1.851	2.734	12.5	19.2
5 21	16 3.28	−52 31.8	1.799	2.709	11.6	19.0
5 31	15 48.55	−52 59.0	1.771	2.684	11.6	19.0
6 10	15 34.46	−52 53.5	1.765	2.659	12.8	19.0
6 20	15 22.83	−52 20.3	1.780	2.634	14.6	19.1
6 30	15 14.98	−51 28.1	1.815	2.610	16.7	19.2

167740 2004 XQ_{25} 5 23.1 109°.47 0°.8/23.4 18

4 21	16 30.13	−23 13.7	1.620	2.488	14.5	20.5
5 1	16 22.94	−23 11.8	1.566	2.506	10.5	20.3
5 11	16 13.41	−23 2.1	1.535	2.523	6.0	20.1
5 21	16 2.58	−22 45.0	1.530	2.541	1.4	19.8
5 31	15 51.72	−22 22.7	1.552	2.557	3.7	20.0
6 10	15 42.09	−21 58.9	1.600	2.573	8.2	20.3
6 20	15 34.61	−21 37.6	1.673	2.589	12.1	20.6
6 30	15 29.84	−21 22.4	1.767	2.604	15.5	20.9

209197 2003 UA_{256} 5 23.1 179°.17 2°.0/21.9 18

4 21	16 23.62	−15 28.6	2.471	3.336	10.2	21.5
5 1	16 17.69	−15 1.0	2.398	3.338	7.4	21.4
5 11	16 10.30	−14 32.3	2.351	3.339	4.3	21.2
5 21	16 2.04	−14 4.4	2.332	3.339	2.0	21.0
5 31	15 53.65	−13 39.8	2.342	3.339	3.7	21.1
6 10	15 45.90	−13 20.7	2.380	3.339	6.8	21.3
6 20	15 39.41	−13 8.7	2.444	3.338	9.7	21.5
6 30	15 34.63	−13 5.1	2.531	3.336	12.3	21.7

254127 2004 PQ_{14} 5 23.1 301°.42 1°.9/23.9 17

4 21	16 23.41	−25 53.2	2.120	2.981	11.8	20.6
5 1	16 18.11	−26 4.0	2.025	2.960	8.8	20.4
5 11	16 10.80	−26 7.5	1.954	2.938	5.4	20.1
5 21	16 2.16	−26 2.9	1.909	2.917	2.2	19.9
5 31	15 53.09	−25 51.0	1.892	2.897	3.4	19.9
6 10	15 44.62	−25 34.0	1.902	2.876	7.1	20.1
6 20	15 37.61	−25 15.1	1.937	2.855	10.6	20.3
6 30	15 32.77	−24 57.8	1.994	2.835	13.8	20.5

43100 1999 XV_{15} 5 23.1 192°.43 1°.9/21.9 18

4 21	16 24.21	−14 5.8	2.942	3.799	9.0	19.7
5 1	16 17.95	−13 48.2	2.861	3.797	6.5	19.6
5 11	16 10.39	−13 30.6	2.808	3.793	3.9	19.4
5 21	16 2.06	−13 14.5	2.783	3.789	2.0	19.3
5 31	15 53.59	−13 1.5	2.789	3.784	3.4	19.3
6 10	15 45.62	−12 53.1	2.824	3.779	6.1	19.5
6 20	15 38.71	−12 50.6	2.886	3.772	8.7	19.7
6 30	15 33.29	−12 54.8	2.972	3.765	10.9	19.8

170825 2004 EE_{37} 5 23.1 68°.63 2°.0/23.8 18

4 21	16 27.31	−24 53.6	2.009	2.868	12.5	19.5
5 1	16 20.76	−25 31.7	1.947	2.880	9.2	19.4
5 11	16 12.18	−26 3.5	1.908	2.892	5.6	19.2
5 21	16 2.39	−26 27.5	1.897	2.904	2.3	19.0
5 31	15 52.39	−26 43.4	1.914	2.917	3.6	19.1
6 10	15 43.27	−26 52.8	1.958	2.929	7.1	19.3
6 20	15 35.85	−26 58.2	2.027	2.941	10.4	19.5
6 30	15 30.74	−27 2.6	2.119	2.954	13.3	19.8

240419 2003 WW 5 23.1 207°.05 0°.3/22.9 18

4 21	16 24.84	−20 7.4	2.123	2.989	11.6	20.5
5 1	16 18.89	−20 5.0	2.046	2.987	8.4	20.3
5 11	16 11.11	−19 58.9	1.995	2.984	4.7	20.1
5 21	16 2.20	−19 49.8	1.970	2.981	0.8	19.8
5 31	15 53.07	−19 39.2	1.973	2.978	3.2	20.0
6 10	15 44.65	−19 29.2	2.005	2.975	7.0	20.2
6 20	15 37.72	−19 22.4	2.061	2.971	10.5	20.4
6 30	15 32.85	−19 20.7	2.140	2.967	13.5	20.6

285997 2001 SW_{76} 5 23.1 240°.15 3°.1/24.8 18

4 21	16 25.29	−31 21.2	2.550	3.386	10.9	21.8
5 1	16 19.17	−31 28.0	2.457	3.372	8.4	21.6
5 11	16 11.27	−31 24.4	2.387	3.358	5.6	21.4
5 21	16 2.24	−31 9.5	2.345	3.344	3.4	21.2
5 31	15 52.91	−30 43.8	2.332	3.329	3.8	21.2
6 10	15 44.19	−30 9.9	2.346	3.313	6.4	21.3
6 20	15 36.85	−29 31.4	2.387	3.297	9.2	21.5
6 30	15 31.45	−28 52.3	2.452	3.281	11.9	21.6

439902 2000 WR_{45} 5 23.1 254°.54 1°.1/22.3 17

4 21	16 22.50	−19 45.7	2.698	3.559	9.6	21.7
5 1	16 16.92	−18 53.1	2.600	3.539	6.9	21.5
5 11	16 9.90	−17 54.7	2.529	3.519	3.9	21.3
5 21	16 2.00	−16 53.0	2.487	3.498	1.2	21.1
5 31	15 53.89	−15 50.9	2.475	3.476	3.2	21.2
6 10	15 46.31	−14 52.2	2.492	3.454	6.4	21.4
6 20	15 39.84	−14 0.0	2.536	3.432	9.4	21.5
6 30	15 34.99	−13 17.0	2.604	3.409	12.0	21.7

22647 Lévi-Strauss 5 23.1 242°.94 0°.4/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 18.40	−19 34.8	3.751	4.610	7.2	20.1
5 1	16 13.67	−19 18.4	3.658	4.596	5.2	20.0
5 11	16 7.96	−18 59.5	3.592	4.581	2.9	19.8
5 21	16 1.66	−18 39.0	3.556	4.567	0.6	19.6
5 31	15 55.22	−18 18.2	3.549	4.552	2.1	19.7
6 10	15 49.14	−17 58.5	3.571	4.537	4.5	19.8
6 20	15 43.81	−17 41.5	3.621	4.522	6.7	20.0
6 30	15 39.59	−17 28.5	3.696	4.506	8.6	20.1

69055 2002 YE_{7} 5 23.1 61°.45 2°.2/22.2 17

4 21	16 23.33	−14 57.1	1.992	2.867	11.9	19.4
5 1	16 17.71	−14 43.6	1.935	2.879	8.6	19.2
5 11	16 10.38	−14 30.3	1.903	2.892	5.0	19.0
5 21	16 2.08	−14 19.1	1.896	2.904	2.2	18.9
5 31	15 53.71	−14 12.0	1.918	2.917	4.1	19.0
6 10	15 46.17	−14 10.8	1.966	2.930	7.6	19.2
6 20	15 40.15	−14 16.7	2.039	2.943	10.9	19.5
6 30	15 36.15	−14 30.6	2.133	2.956	13.7	19.7

239598 2008 UE_{114} 5 23.1 196°.12 1°.3/23.8 18

4 21	16 25.68	−25 15.2	2.273	3.128	11.4	21.5
5 1	16 19.45	−25 13.5	2.193	3.126	8.4	21.3
5 11	16 11.42	−25 4.3	2.138	3.123	5.0	21.0
5 21	16 2.28	−24 47.8	2.111	3.120	1.7	20.8
5 31	15 52.93	−24 25.3	2.112	3.117	3.0	20.9
6 10	15 44.30	−23 59.5	2.141	3.113	6.5	21.1
6 20	15 37.15	−23 33.6	2.197	3.108	9.8	21.3
6 30	15 32.03	−23 10.9	2.275	3.104	12.7	21.5

257693 1999 WQ_{12} 5 23.1 254°.75 1°.4/22.4 17

4 21	16 26.41	−19 11.1	1.738	2.612	13.4	21.5
5 1	16 20.46	−18 33.8	1.651	2.595	9.7	21.2
5 11	16 12.21	−17 50.3	1.587	2.577	5.5	20.9
5 21	16 2.45	−17 3.0	1.549	2.559	1.6	20.6
5 31	15 52.27	−16 15.6	1.538	2.541	4.4	20.7
6 10	15 42.88	−15 32.8	1.554	2.521	8.9	21.0
6 20	15 35.27	−14 58.8	1.594	2.502	13.1	21.2
6 30	15 30.17	−14 36.8	1.654	2.482	16.8	21.4

336296 2008 SH_{299} 5 23.1 239°.70 1°.7/22.2 17

4 21	16 23.42	−18 2.4	1.923	2.798	12.2	21.4
5 1	16 17.96	−17 23.9	1.850	2.795	8.8	21.2
5 11	16 10.61	−16 41.3	1.801	2.792	5.0	20.9
5 21	16 2.14	−15 57.5	1.779	2.789	1.8	20.7
5 31	15 53.49	−15 15.8	1.784	2.785	4.1	20.9
6 10	15 45.63	−14 40.1	1.816	2.782	8.0	21.1
6 20	15 39.36	−14 13.3	1.873	2.778	11.6	21.3
6 30	15 35.22	−13 57.5	1.950	2.775	14.7	21.5

123483 2000 WX_{164} 5 23.1 118°.45 6°.7/19.9 17

4 21	16 23.94	− 3 31.6	1.897	2.762	12.8	20.0
5 1	16 18.17	− 2 42.6	1.842	2.769	10.0	19.8
5 11	16 10.66	− 2 2.7	1.810	2.776	7.6	19.7
5 21	16 2.14	− 1 36.1	1.804	2.782	6.7	19.6
5 31	15 53.55	− 1 26.0	1.825	2.788	8.0	19.7
6 10	15 45.79	− 1 33.9	1.870	2.795	10.5	19.9
6 20	15 39.59	− 1 58.8	1.938	2.801	13.3	20.0
6 30	15 35.43	− 2 39.0	2.026	2.806	15.7	20.2

127803 Johnvaneepoel 5 23.1 19°.68 9°.1/18.2 17

4 21	16 22.35	− 1 16.7	1.584	2.456	14.5	19.6
5 1	16 17.33	+ 0 15.1	1.532	2.457	11.8	19.4
5 11	16 10.29	+ 1 35.4	1.502	2.459	9.7	19.3
5 21	16 2.09	+ 2 37.1	1.497	2.461	9.2	19.2
5 31	15 53.78	+ 3 14.5	1.515	2.463	10.7	19.3
6 10	15 46.40	+ 3 25.1	1.556	2.465	13.3	19.5
6 20	15 40.77	+ 3 10.0	1.618	2.467	16.0	19.7
6 30	15 37.43	+ 2 32.3	1.696	2.470	18.6	19.9

488563 2001 VK_{13} 5 23.1 155°.78 1°.6/22.2 18

4 21	16 30.63	−24 39.0	1.245	2.124	17.2	20.4
5 1	16 23.79	−22 35.9	1.181	2.128	12.5	20.1
5 11	16 14.07	−20 12.9	1.140	2.132	7.0	19.8
5 21	16 2.76	−17 37.8	1.124	2.135	1.7	19.5
5 31	15 51.48	−15 3.2	1.136	2.138	5.6	19.8
6 10	15 41.79	−12 42.6	1.173	2.141	11.2	20.1
6 20	15 34.73	−10 46.0	1.234	2.143	16.1	20.4
6 30	15 30.89	− 9 18.3	1.313	2.144	20.1	20.7

122690 2000 SC_{11} 5 23.1 164°.67 10°.8/28.2 17

4 21	16 37.00	−50 26.7	2.116	2.860	15.8	20.5
5 1	16 28.80	−51 44.1	2.045	2.864	14.0	20.3
5 11	16 17.23	−52 38.8	1.995	2.866	12.3	20.2
5 21	16 3.38	−53 4.4	1.966	2.869	11.1	20.1
5 31	15 48.93	−52 57.8	1.962	2.871	10.8	20.1
6 10	15 35.75	−52 21.3	1.980	2.873	11.6	20.2
6 20	15 25.28	−51 21.7	2.021	2.874	13.1	20.3
6 30	15 18.43	−50 8.0	2.082	2.876	14.9	20.4

510113 2010 RV_{156} 5 23.1 275°.21 3°.6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.21	−32 9.9	2.350	3.189	11.6	21.1
5 1	16 18.53	−32 24.2	2.264	3.180	9.0	20.9
5 11	16 10.98	−32 27.3	2.202	3.171	6.2	20.7
5 21	16 2.24	−32 18.2	2.166	3.163	3.9	20.5
5 31	15 53.22	−31 57.1	2.158	3.154	4.2	20.5
6 10	15 44.88	−31 26.7	2.178	3.145	6.8	20.7
6 20	15 38.02	−30 50.7	2.222	3.136	9.7	20.8
6 30	15 33.24	−30 13.4	2.290	3.127	12.4	21.0

87366 2000 QA_{47} 5 23.1 268°.38 0°.8/22.8 18

4 21	16 25.38	−19 29.0	1.846	2.719	12.8	20.9
5 1	16 19.66	−19 13.3	1.757	2.701	9.3	20.6
5 11	16 11.75	−18 53.2	1.693	2.683	5.3	20.3
5 21	16 2.40	−18 29.8	1.654	2.665	1.1	20.0
5 31	15 52.62	−18 5.5	1.643	2.647	3.8	20.1
6 10	15 43.56	−17 43.6	1.658	2.628	8.2	20.4
6 20	15 36.15	−17 27.2	1.698	2.610	12.2	20.6
6 30	15 31.11	−17 19.2	1.759	2.591	15.7	20.8

125636 2001 XP_{60} 5 23.1 125°.43 4°.1/21.7 17

4 21	16 27.21	− 9 0.0	1.895	2.763	12.7	19.8
5 1	16 20.58	− 8 54.3	1.835	2.771	9.5	19.7
5 11	16 12.05	− 8 54.1	1.799	2.780	6.1	19.5
5 21	16 2.42	− 9 1.6	1.789	2.789	4.1	19.4
5 31	15 52.67	− 9 18.3	1.808	2.797	5.7	19.5
6 10	15 43.79	− 9 44.7	1.853	2.805	8.9	19.7
6 20	15 36.57	−10 20.5	1.922	2.812	12.1	19.9
6 30	15 31.54	−11 5.0	2.013	2.819	14.9	20.1

249102 2007 VS_{241} 5 23.1 279°.49 5°.8/20.9 18

4 21	16 25.69	− 9 5.6	1.449	2.332	15.0	20.2
5 1	16 20.22	− 8 21.3	1.372	2.315	11.4	19.9
5 11	16 12.21	− 7 41.3	1.316	2.299	7.7	19.7
5 21	16 2.50	− 7 10.6	1.285	2.282	5.8	19.5
5 31	15 52.30	− 6 54.2	1.279	2.266	7.9	19.6
6 10	15 42.97	− 6 55.3	1.297	2.249	11.9	19.7
6 20	15 35.61	− 7 14.8	1.336	2.232	16.0	19.9
6 30	15 31.00	− 7 51.9	1.393	2.215	19.6	20.1

153657 2001 TO_{130} 5 23.1 118°.05 6°.0/19.9 18

4 21	16 25.63	− 4 23.1	2.120	2.979	11.9	20.5
5 1	16 19.11	− 3 27.8	2.075	2.999	9.2	20.4
5 11	16 11.07	− 2 40.3	2.055	3.019	6.9	20.3
5 21	16 2.23	− 2 4.5	2.061	3.039	6.0	20.3
5 31	15 53.44	− 1 43.4	2.095	3.058	7.2	20.4
6 10	15 45.50	− 1 38.3	2.155	3.076	9.6	20.5
6 20	15 39.04	− 1 48.9	2.240	3.093	12.0	20.7
6 30	15 34.49	− 2 13.8	2.344	3.110	14.2	20.9

318157 2004 PX_{113} 5 23.1 280°.38 6°.5/20.3 18

4 21	16 23.82	− 5 16.8	1.734	2.606	13.5	20.2
5 1	16 18.40	− 4 31.6	1.664	2.598	10.4	19.9
5 11	16 10.96	− 3 54.1	1.617	2.590	7.7	19.8
5 21	16 2.25	− 3 28.8	1.596	2.581	6.5	19.7
5 31	15 53.28	− 3 19.8	1.600	2.573	8.1	19.7
6 10	15 45.10	− 3 28.8	1.628	2.564	11.0	19.9
6 20	15 38.56	− 3 55.7	1.679	2.556	14.3	20.1
6 30	15 34.29	− 4 38.9	1.749	2.547	17.2	20.3

504628 2008 VY_{13} 5 23.1 217°.21 2°.8/21.2 18

4 21	16 23.53	−14 34.4	2.379	3.246	10.5	21.5
5 1	16 17.73	−13 35.1	2.298	3.238	7.6	21.3
5 11	16 10.40	−12 33.6	2.243	3.229	4.6	21.1
5 21	16 2.14	−11 33.3	2.216	3.219	2.8	21.0
5 31	15 53.71	−10 38.0	2.218	3.210	4.6	21.1
6 10	15 45.92	− 9 51.1	2.249	3.199	7.6	21.2
6 20	15 39.39	− 9 15.2	2.304	3.188	10.6	21.4
6 30	15 34.64	− 8 51.9	2.383	3.176	13.3	21.6

416300 2003 RS_{22} 5 23.1 263°.87 2°.4/21.9 17

4 21	16 26.88	−16 50.7	1.703	2.578	13.5	21.9
5 1	16 20.91	−16 9.3	1.611	2.555	9.9	21.6
5 11	16 12.55	−15 23.3	1.541	2.532	5.8	21.3
5 21	16 2.56	−14 35.6	1.498	2.507	2.5	21.0
5 31	15 52.05	−13 50.4	1.482	2.482	5.1	21.2
6 10	15 42.26	−13 12.3	1.493	2.456	9.6	21.4
6 20	15 34.24	−12 45.3	1.526	2.430	13.9	21.5
6 30	15 28.78	−12 32.0	1.580	2.403	17.6	21.7

30782 1988 CC_{4} 5 23.1 45°.78 0°.2/23.2 18

4 21	16 22.69	−23 12.9	2.033	2.901	11.9	18.8
5 1	16 17.36	−22 39.6	1.963	2.904	8.6	18.6
5 11	16 10.25	−21 58.8	1.917	2.907	4.9	18.3
5 21	16 2.11	−21 12.1	1.899	2.910	0.9	18.1
5 31	15 53.87	−20 22.9	1.908	2.913	3.2	18.2
6 10	15 46.44	−19 35.0	1.944	2.917	7.0	18.5
6 20	15 40.56	−18 52.4	2.005	2.920	10.5	18.7
6 30	15 36.75	−18 18.1	2.089	2.923	13.5	18.9

183620 2003 UQ_{236} 5 23.1 170°.78 1°.5/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.66	−17 33.1	1.974	2.841	12.3	21.4
5 1	16 20.93	−17 9.4	1.904	2.845	8.9	21.2
5 11	16 12.28	−16 42.9	1.859	2.849	5.1	20.9
5 21	16 2.48	−16 15.5	1.842	2.852	1.7	20.7
5 31	15 52.52	−15 49.7	1.852	2.854	4.0	20.9
6 10	15 43.43	−15 28.5	1.891	2.855	7.8	21.1
6 20	15 36.00	−15 14.5	1.954	2.856	11.4	21.3
6 30	15 30.79	−15 9.4	2.040	2.856	14.4	21.5

503425 2016 EC_{8} 5 23.1 126°.18 4°.2/21.6 17

4 21	16 26.99	−12 3.8	1.428	2.311	15.2	21.0
5 1	16 20.97	−11 33.3	1.368	2.314	11.1	20.8
5 11	16 12.49	−11 5.6	1.330	2.317	6.9	20.6
5 21	16 2.52	−10 44.3	1.316	2.320	4.3	20.4
5 31	15 52.36	−10 32.9	1.328	2.322	6.4	20.5
6 10	15 43.29	−10 34.2	1.364	2.325	10.6	20.8
6 20	15 36.33	−10 49.1	1.422	2.327	14.6	21.0
6 30	15 32.12	−11 17.2	1.500	2.329	18.1	21.3

241942 2002 CQ_{136} 5 23.1 112°.00 7°.1/19.6 17

4 21	16 25.06	− 1 24.7	2.032	2.887	12.5	20.7
5 1	16 18.78	− 0 28.5	1.988	2.906	9.9	20.6
5 11	16 10.92	+ 0 17.1	1.968	2.924	7.8	20.5
5 21	16 2.22	+ 0 48.0	1.975	2.942	7.1	20.4
5 31	15 53.56	+ 1 1.3	2.008	2.959	8.3	20.5
6 10	15 45.76	+ 0 56.1	2.066	2.975	10.4	20.7
6 20	15 39.47	+ 0 33.3	2.147	2.991	12.8	20.9
6 30	15 35.13	− 0 4.7	2.248	3.007	14.9	21.1

168954 2001 AT_{44} 5 23.1 172°.70 1°.8/22.3 17

4 21	16 27.89	−16 33.8	1.957	2.824	12.4	20.4
5 1	16 21.12	−16 11.9	1.887	2.828	9.0	20.1
5 11	16 12.40	−15 48.0	1.842	2.831	5.1	19.9
5 21	16 2.51	−15 24.1	1.824	2.833	1.9	19.7
5 31	15 52.46	−15 2.8	1.834	2.835	4.1	19.9
6 10	15 43.27	−14 46.7	1.873	2.836	8.0	20.1
6 20	15 35.74	−14 38.1	1.936	2.836	11.6	20.3
6 30	15 30.45	−14 38.6	2.020	2.835	14.6	20.5

172134 2002 JN_{40} 5 23.1 287°.38 0°.3/23.2 18

4 21	16 25.74	−23 25.9	1.454	2.333	15.2	19.3
5 1	16 20.49	−22 55.1	1.366	2.312	11.2	19.0
5 11	16 12.48	−22 12.9	1.300	2.291	6.5	18.7
5 21	16 2.58	−21 20.5	1.258	2.270	1.2	18.3
5 31	15 52.12	−20 21.8	1.242	2.248	4.3	18.4
6 10	15 42.57	−19 23.0	1.251	2.227	9.6	18.7
6 20	15 35.14	−18 30.5	1.282	2.205	14.5	18.9
6 30	15 30.69	−17 49.8	1.332	2.184	18.8	19.1

512717 2016 UK_{16} 5 23.1 291°.59 4°.8/25.4 18

4 21	16 25.42	−34 26.4	2.148	2.982	12.7	21.4
5 1	16 19.71	−34 51.9	2.057	2.966	10.1	21.2
5 11	16 11.81	−35 4.5	1.988	2.950	7.3	21.0
5 21	16 2.45	−35 1.8	1.945	2.935	5.1	20.8
5 31	15 52.66	−34 43.5	1.929	2.919	5.3	20.8
6 10	15 43.58	−34 12.0	1.939	2.903	7.7	20.9
6 20	15 36.17	−33 31.8	1.975	2.887	10.7	21.1
6 30	15 31.14	−32 48.2	2.032	2.872	13.6	21.2

371167 2005 YB_{33} 5 23.1 149°.52 0°.2/23.2 17

4 21	16 26.10	−22 27.7	2.214	3.074	11.4	21.8
5 1	16 19.66	−22 9.4	2.146	3.083	8.3	21.6
5 11	16 11.50	−21 45.0	2.103	3.091	4.7	21.4
5 21	16 2.36	−21 15.7	2.088	3.099	0.9	21.1
5 31	15 53.13	−20 43.5	2.102	3.107	3.0	21.3
6 10	15 44.71	−20 11.8	2.143	3.113	6.7	21.5
6 20	15 37.81	−19 43.4	2.211	3.120	10.0	21.7
6 30	15 32.93	−19 21.2	2.302	3.125	12.8	21.9

386094 2007 PN_{26} 5 23.1 186°.65 17°.3/13.2 18

4 21	16 28.46	+14 57.3	1.358	2.177	19.5	20.6
5 1	16 22.06	+17 18.3	1.322	2.178	18.0	20.5
5 11	16 13.11	+19 9.1	1.304	2.177	17.3	20.5
5 21	16 2.66	+20 19.0	1.306	2.176	17.6	20.5
5 31	15 52.06	+20 41.6	1.326	2.175	18.8	20.6
6 10	15 42.68	+20 17.4	1.363	2.172	20.5	20.7
6 20	15 35.52	+19 12.2	1.416	2.169	22.4	20.8
6 30	15 31.23	+17 34.3	1.481	2.166	24.2	21.0

250538 2004 QE_{15} 5 23.1 255°.82 1°.5/24.0 18

4 21	16 22.44	−26 45.9	2.493	3.347	10.5	21.1
5 1	16 17.05	−26 32.1	2.407	3.338	7.8	20.9
5 11	16 10.07	−26 10.1	2.346	3.330	4.7	20.7
5 21	16 2.12	−25 40.1	2.313	3.321	1.8	20.5
5 31	15 53.97	−25 4.0	2.308	3.312	2.8	20.5
6 10	15 46.44	−24 24.6	2.331	3.303	6.0	20.7
6 20	15 40.21	−23 45.4	2.380	3.294	9.1	20.9
6 30	15 35.78	−23 9.6	2.452	3.285	11.8	21.0

300117 2006 UQ_{346} 5 23.1 165°.66 3°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 20.95	− 9 0.1	3.222	4.080	8.3	23.0
5 1	16 15.50	− 8 19.9	3.156	4.086	6.2	22.8
5 11	16 9.00	− 7 42.2	3.116	4.092	4.2	22.7
5 21	16 1.91	− 7 9.1	3.105	4.096	3.2	22.6
5 31	15 54.77	− 6 42.7	3.123	4.101	4.3	22.7
6 10	15 48.10	− 6 24.6	3.170	4.104	6.3	22.9
6 20	15 42.35	− 6 15.6	3.243	4.107	8.4	23.0
6 30	15 37.87	− 6 16.0	3.340	4.110	10.3	23.1

107052 Aquincum 5 23.1 150°.13 2°.4/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.02	−15 13.2	1.745	2.617	13.4	21.1
5 1	16 21.36	−14 54.2	1.682	2.625	9.7	20.9
5 11	16 12.58	−14 34.8	1.642	2.631	5.6	20.6
5 21	16 2.56	−14 17.0	1.629	2.638	2.5	20.4
5 31	15 52.40	−14 3.5	1.644	2.643	4.7	20.6
6 10	15 43.21	−13 56.9	1.685	2.649	8.7	20.8
6 20	15 35.85	−13 58.8	1.750	2.653	12.4	21.1
6 30	15 30.93	−14 10.3	1.837	2.657	15.6	21.3

29165 1989 UK_{1} 5 23.1 144°.21 2°.2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.81	−16 18.8	2.269	3.134	11.0	19.3
5 1	16 19.28	−15 27.3	2.208	3.147	7.9	19.2
5 11	16 11.21	−14 33.5	2.172	3.159	4.6	19.0
5 21	16 2.30	−13 40.4	2.164	3.171	2.2	18.8
5 31	15 53.38	−12 51.4	2.186	3.182	4.1	19.0
6 10	15 45.27	−12 9.9	2.236	3.192	7.3	19.2
6 20	15 38.59	−11 38.2	2.312	3.201	10.4	19.4
6 30	15 33.80	−11 17.7	2.410	3.210	12.9	19.6

398699 2012 XQ_{24} 5 23.1 103°.22 0°.1/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.45	−22 22.8	2.267	3.131	11.1	21.2
5 1	16 17.69	−21 56.8	2.204	3.143	8.0	21.1
5 11	16 10.36	−21 24.9	2.166	3.155	4.5	20.9
5 21	16 2.16	−20 48.7	2.156	3.168	0.8	20.6
5 31	15 53.92	−20 10.7	2.174	3.179	2.9	20.8
6 10	15 46.46	−19 34.0	2.221	3.191	6.4	21.0
6 20	15 40.43	−19 1.7	2.293	3.203	9.6	21.3
6 30	15 36.28	−18 36.1	2.387	3.214	12.3	21.5

277659 2006 BP_{169} 5 23.1 128°.21 1°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.65	−17 12.2	1.896	2.770	12.4	21.6
5 1	16 18.84	−16 48.2	1.830	2.775	8.9	21.4
5 11	16 11.13	−16 21.9	1.789	2.779	5.1	21.2
5 21	16 2.31	−15 55.3	1.774	2.783	1.8	21.0
5 31	15 53.36	−15 31.3	1.786	2.788	4.1	21.2
6 10	15 45.25	−15 12.7	1.825	2.791	7.9	21.4
6 20	15 38.78	−15 1.7	1.889	2.795	11.5	21.6
6 30	15 34.48	−15 0.1	1.974	2.799	14.5	21.8

335155 2004 XM_{61} 5 23.1 216°.78 0°.9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.92	−23 20.7	2.370	3.224	11.0	21.7
5 1	16 20.38	−23 29.1	2.283	3.216	8.0	21.5
5 11	16 12.01	−23 32.2	2.221	3.207	4.7	21.3
5 21	16 2.49	−23 29.5	2.186	3.197	1.3	21.0
5 31	15 52.66	−23 22.1	2.181	3.186	2.9	21.1
6 10	15 43.45	−23 11.7	2.205	3.175	6.5	21.3
6 20	15 35.63	−23 0.9	2.255	3.163	9.8	21.5
6 30	15 29.79	−22 52.6	2.328	3.151	12.7	21.7

2202 Pele 5 23.1 258°.31 4°.2/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.83	−10 31.5	2.218	3.077	11.5	22.0
5 1	16 21.91	− 9 40.4	2.111	3.044	8.6	21.7
5 11	16 12.99	− 8 49.1	2.030	3.009	5.7	21.5
5 21	16 2.69	− 8 1.2	1.977	2.973	4.2	21.3
5 31	15 51.87	− 7 20.7	1.953	2.936	6.0	21.4
6 10	15 41.51	− 6 51.2	1.958	2.898	9.3	21.5
6 20	15 32.49	− 6 35.0	1.988	2.857	12.7	21.6
6 30	15 25.49	− 6 33.2	2.040	2.816	15.8	21.8

508174 2015 FV_{274} 5 23.1 26°.08 0°.1/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.61	−20 19.2	1.694	2.570	13.6	20.8
5 1	16 19.83	−20 27.0	1.627	2.572	9.8	20.5
5 11	16 11.83	−20 31.0	1.583	2.574	5.6	20.3
5 21	16 2.46	−20 31.3	1.565	2.576	1.0	20.0
5 31	15 52.83	−20 29.3	1.573	2.579	3.6	20.2
6 10	15 44.14	−20 27.4	1.608	2.582	8.1	20.5
6 20	15 37.30	−20 28.0	1.666	2.585	12.0	20.7
6 30	15 32.95	−20 33.7	1.746	2.588	15.4	20.9

49320 1998 VJ_{26} 5 23.1 263°.29 0°.9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.80	−23 51.8	1.760	2.627	13.5	19.0
5 1	16 20.87	−23 42.0	1.670	2.610	10.0	18.7
5 11	16 12.54	−23 23.6	1.603	2.592	5.8	18.5
5 21	16 2.61	−22 56.9	1.563	2.574	1.5	18.1
5 31	15 52.20	−22 23.8	1.549	2.555	3.7	18.2
6 10	15 42.57	−21 48.3	1.562	2.536	8.3	18.5
6 20	15 34.78	−21 14.9	1.599	2.517	12.5	18.7
6 30	15 29.57	−20 47.9	1.657	2.497	16.2	18.9

245539 2005 TO_{52} 5 23.1 267°.23 0°.2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.95	−21 57.7	2.437	3.299	10.4	21.4
5 1	16 17.49	−21 47.5	2.343	3.281	7.6	21.2
5 11	16 10.37	−21 32.2	2.275	3.263	4.3	20.9
5 21	16 2.20	−21 12.5	2.234	3.245	0.8	20.6
5 31	15 53.73	−20 49.9	2.222	3.227	2.8	20.8
6 10	15 45.80	−20 27.1	2.238	3.208	6.4	21.0
6 20	15 39.12	−20 6.4	2.280	3.190	9.6	21.1
6 30	15 34.25	−19 50.6	2.345	3.171	12.5	21.3

356763 2011 UJ_{258} 5 23.1 190°.37 0°.5/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.03	−20 21.7	2.768	3.629	9.4	22.3
5 1	16 16.52	−19 58.3	2.689	3.627	6.7	22.2
5 11	16 9.68	−19 31.0	2.637	3.626	3.8	22.0
5 21	16 2.06	−19 1.0	2.613	3.624	0.7	21.7
5 31	15 54.31	−18 30.4	2.618	3.622	2.7	21.9
6 10	15 47.13	−18 1.5	2.652	3.619	5.7	22.1
6 20	15 41.06	−17 36.5	2.713	3.616	8.5	22.2
6 30	15 36.55	−17 17.4	2.797	3.613	11.0	22.4

141 Lumen 5 23.1 247°.73 5°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.93	−38 6.9	2.209	3.023	13.1	13.3
5 1	16 22.27	−38 27.3	2.114	3.007	10.6	13.1
5 11	16 13.28	−38 31.7	2.042	2.990	8.1	12.9
5 21	16 2.73	−38 17.4	1.996	2.974	6.1	12.7
5 31	15 51.77	−37 43.9	1.976	2.956	6.1	12.7
6 10	15 41.60	−36 54.0	1.983	2.939	8.1	12.8
6 20	15 33.24	−35 53.2	2.015	2.920	10.9	12.9
6 30	15 27.42	−34 48.1	2.070	2.902	13.7	13.1

125396 2001 VW_{97} 5 23.1 245°.90 7°.5/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.28	− 3 13.6	1.878	2.745	12.9	19.2
5 1	16 17.88	− 1 50.1	1.809	2.735	10.3	19.0
5 11	16 10.64	− 0 33.5	1.764	2.725	8.2	18.9
5 21	16 2.25	+ 0 29.8	1.744	2.714	7.6	18.8
5 31	15 53.64	+ 1 14.7	1.751	2.704	9.1	18.9
6 10	15 45.76	+ 1 37.8	1.781	2.693	11.7	19.0
6 20	15 39.39	+ 1 38.8	1.834	2.681	14.5	19.2
6 30	15 35.11	+ 1 19.1	1.905	2.670	17.1	19.3

175129 2005 BJ_{19} 5 23.1 80°.45 4°.0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 15.62	− 0 1.5	4.322	5.163	6.7	19.6
5 1	16 11.54	+ 0 18.3	4.258	5.165	5.4	19.6
5 11	16 6.74	+ 0 32.3	4.220	5.166	4.3	19.5
5 21	16 1.54	+ 0 39.1	4.210	5.168	4.0	19.5
5 31	15 56.28	+ 0 37.6	4.228	5.170	4.6	19.5
6 10	15 51.33	+ 0 27.3	4.273	5.172	5.8	19.6
6 20	15 46.98	+ 0 8.4	4.344	5.173	7.1	19.7
6 30	15 43.51	− 0 18.7	4.437	5.175	8.4	19.8

353634 2011 UX_{75} 5 23.1 212°.66 0°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.27	−23 3.4	2.303	3.168	10.9	20.6
5 1	16 16.93	−22 30.6	2.228	3.167	7.9	20.4
5 11	16 10.00	−21 50.9	2.177	3.166	4.5	20.2
5 21	16 2.13	−21 5.9	2.153	3.165	0.8	19.9
5 31	15 54.14	−20 18.5	2.158	3.163	2.9	20.1
6 10	15 46.85	−19 32.1	2.191	3.162	6.4	20.3
6 20	15 40.92	−18 50.1	2.250	3.161	9.7	20.5
6 30	15 36.85	−18 15.5	2.331	3.160	12.5	20.7

506492 2003 US_{82} 5 23.1 208°.79 3°.2/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.79	−10 53.8	2.566	3.428	10.0	22.1
5 1	16 17.87	−10 25.9	2.486	3.421	7.4	21.9
5 11	16 10.49	− 9 59.8	2.432	3.414	4.7	21.7
5 21	16 2.24	− 9 37.9	2.407	3.406	3.2	21.6
5 31	15 53.81	− 9 22.4	2.410	3.398	4.6	21.7
6 10	15 45.92	− 9 15.1	2.442	3.389	7.3	21.8
6 20	15 39.20	− 9 16.9	2.499	3.379	10.0	22.0
6 30	15 34.12	− 9 28.4	2.579	3.369	12.5	22.1

413463 2005 EX_{256} 5 23.1 81°.42 1°.7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.34	−25 20.7	1.454	2.327	15.6	21.3
5 1	16 22.00	−25 17.6	1.398	2.339	11.4	21.1
5 11	16 13.10	−25 3.8	1.364	2.352	6.7	20.8
5 21	16 2.71	−24 39.7	1.355	2.364	2.2	20.6
5 31	15 52.22	−24 7.8	1.371	2.377	4.0	20.7
6 10	15 43.02	−23 32.9	1.413	2.389	8.7	21.0
6 20	15 36.12	−23 0.0	1.478	2.401	12.9	21.3
6 30	15 32.13	−22 33.8	1.563	2.414	16.5	21.6

522951 2016 PY_{113} 5 23.1 291°.84 4°.7/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.61	− 8 12.6	2.244	3.115	10.9	21.3
5 1	16 15.73	− 7 21.2	2.172	3.108	8.2	21.1
5 11	16 9.34	− 6 33.5	2.125	3.101	5.8	21.0
5 21	16 2.04	− 5 52.9	2.105	3.095	4.7	20.9
5 31	15 54.58	− 5 22.8	2.112	3.088	6.1	20.9
6 10	15 47.73	− 5 5.8	2.145	3.082	8.7	21.1
6 20	15 42.13	− 5 2.7	2.202	3.076	11.4	21.3
6 30	15 38.25	− 5 13.3	2.280	3.069	13.9	21.4

126547 2002 CL_{94} 5 23.1 97°.85 0°.8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.43	−18 47.3	2.300	3.168	10.7	20.2
5 1	16 17.05	−18 35.2	2.228	3.170	7.7	20.0
5 11	16 10.09	−18 20.3	2.181	3.171	4.3	19.8
5 21	16 2.18	−18 3.9	2.161	3.172	1.0	19.5
5 31	15 54.12	−17 47.8	2.169	3.173	3.1	19.7
6 10	15 46.73	−17 34.2	2.206	3.174	6.6	19.9
6 20	15 40.65	−17 25.1	2.267	3.175	9.8	20.1
6 30	15 36.40	−17 22.3	2.352	3.176	12.5	20.3

113014 2002 RG_{41} 5 23.1 287°.59 3°.6/21.5 17

4 21	16 23.05	−12 6.6	1.917	2.794	12.2	19.8
5 1	16 17.74	−11 35.2	1.845	2.788	9.0	19.6
5 11	16 10.58	−11 5.4	1.796	2.782	5.6	19.3
5 21	16 2.28	−10 40.3	1.773	2.776	3.6	19.2
5 31	15 53.75	−10 22.9	1.778	2.770	5.4	19.3
6 10	15 45.96	−10 15.5	1.809	2.765	8.8	19.5
6 20	15 39.68	−10 19.6	1.863	2.759	12.1	19.7
6 30	15 35.49	−10 35.3	1.938	2.754	15.1	19.9

438839 2009 BE_{121} 5 23.1 272°.48 0°.3/23.0 17

4 21	16 23.43	−21 6.2	2.052	2.922	11.8	21.5
5 1	16 18.03	−20 48.8	1.971	2.913	8.6	21.3
5 11	16 10.76	−20 26.0	1.914	2.904	4.8	21.0
5 21	16 2.32	−19 59.0	1.884	2.895	0.9	20.7
5 31	15 53.62	−19 30.2	1.881	2.886	3.3	20.9
6 10	15 45.64	−19 2.6	1.905	2.877	7.2	21.1
6 20	15 39.15	−18 39.3	1.955	2.868	10.8	21.3
6 30	15 34.74	−18 23.1	2.026	2.859	13.9	21.5

513761 2012 WJ_{36} 5 23.1 192°.51 0°.8/22.8 18

4 21	16 24.53	−18 1.3	2.492	3.354	10.2	21.6
5 1	16 18.49	−18 3.5	2.414	3.353	7.4	21.4
5 11	16 10.89	−18 4.1	2.362	3.351	4.2	21.2
5 21	16 2.35	−18 3.6	2.338	3.349	1.0	20.9
5 31	15 53.60	−18 3.2	2.343	3.347	3.0	21.1
6 10	15 45.46	−18 4.3	2.377	3.344	6.3	21.3
6 20	15 38.56	−18 8.5	2.437	3.341	9.3	21.5
6 30	15 33.42	−18 17.1	2.521	3.338	12.0	21.6

245658 2005 YC_{215} 5 23.2 103°.08 2°.0/22.5 18

4 21	16 30.32	−16 15.2	1.412	2.292	15.6	20.5
5 1	16 23.34	−16 7.0	1.361	2.307	11.2	20.3
5 11	16 13.83	−15 57.9	1.332	2.322	6.4	20.0
5 21	16 2.89	−15 49.6	1.327	2.337	2.2	19.8
5 31	15 51.88	−15 44.5	1.349	2.352	4.9	20.0
6 10	15 42.17	−15 45.2	1.397	2.366	9.5	20.3
6 20	15 34.75	−15 53.5	1.467	2.380	13.7	20.6
6 30	15 30.21	−16 10.7	1.557	2.393	17.2	20.9

443562 2014 KJ_{28} 5 23.2 281°.40 3°.4/21.5 18

4 21	16 22.16	−10 32.5	2.288	3.158	10.8	20.5
5 1	16 16.88	−10 14.0	2.212	3.150	8.0	20.3
5 11	16 10.03	− 9 58.5	2.160	3.143	5.1	20.1
5 21	16 2.22	− 9 48.3	2.135	3.135	3.4	20.0
5 31	15 54.19	− 9 45.3	2.138	3.128	4.9	20.0
6 10	15 46.76	− 9 51.1	2.168	3.121	7.8	20.2
6 20	15 40.58	−10 6.3	2.224	3.113	10.7	20.4
6 30	15 36.17	−10 31.0	2.300	3.106	13.3	20.5

505670 2014 UZ_{51} 5 23.2 246°.94 3°.0/24.2 17

4 21	16 29.94	−27 41.8	1.625	2.485	14.9	21.5
5 1	16 23.45	−27 57.4	1.539	2.472	11.2	21.2
5 11	16 14.18	−28 2.1	1.475	2.458	7.1	20.9
5 21	16 3.01	−27 53.8	1.437	2.443	3.4	20.7
5 31	15 51.26	−27 32.9	1.425	2.428	4.5	20.7
6 10	15 40.42	−27 2.9	1.439	2.412	8.8	20.9
6 20	15 31.71	−26 29.0	1.476	2.396	13.2	21.1
6 30	15 25.99	−25 57.4	1.535	2.380	17.0	21.3

99308 2001 SD_{233} 5 23.2 94°.41 4°.7/26.9 18

4 21	16 23.00	−43 42.4	4.374	5.135	7.9	19.6
5 1	16 17.16	−44 23.3	4.293	5.137	6.7	19.5
5 11	16 10.08	−44 54.3	4.236	5.139	5.6	19.4
5 21	16 2.22	−45 13.9	4.206	5.140	4.8	19.4
5 31	15 54.14	−45 21.6	4.203	5.142	4.7	19.4
6 10	15 46.44	−45 18.3	4.228	5.144	5.4	19.4
6 20	15 39.63	−45 5.7	4.279	5.145	6.5	19.5
6 30	15 34.16	−44 46.4	4.354	5.147	7.7	19.6

221153 2005 TU_{73} 5 23.2 288°.16 2°.1/23.8 18 R

4 21	16 27.58	−24 45.7	1.598	2.468	14.6	20.6
5 1	16 21.77	−25 11.7	1.512	2.452	10.9	20.3
5 11	16 13.26	−25 30.7	1.448	2.435	6.6	20.0
5 21	16 2.85	−25 40.9	1.409	2.418	2.5	19.7
5 31	15 51.82	−25 42.1	1.396	2.401	4.2	19.8
6 10	15 41.58	−25 36.7	1.408	2.384	8.8	20.0
6 20	15 33.36	−25 28.4	1.444	2.367	13.2	20.2
6 30	15 28.04	−25 21.6	1.501	2.350	17.1	20.4

131411 2001 MN_9 5 23.2 351°.45 23°.9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.32	+24 10.6	1.065	1.866	24.9	19.2
5 1	16 20.36	+26 34.5	1.041	1.863	24.1	19.2
5 11	16 12.39	+28 11.4	1.030	1.861	23.9	19.1
5 21	16 2.66	+28 50.1	1.032	1.860	24.3	19.1
5 31	15 52.79	+28 25.5	1.048	1.859	25.2	19.2
6 10	15 44.41	+27 0.9	1.075	1.858	26.4	19.3
6 20	15 38.64	+24 45.6	1.113	1.858	27.8	19.4
6 30	15 36.14	+21 51.5	1.161	1.859	29.1	19.5

268444 2005 WV_{28} 5 23.2 122°.20 0°.8/23.5 17

4 21	16 27.36	−22 57.6	1.913	2.777	12.8	21.5
5 1	16 20.86	−23 0.0	1.849	2.787	9.3	21.3
5 11	16 12.34	−22 56.1	1.810	2.798	5.3	21.1
5 21	16 2.64	−22 46.2	1.796	2.807	1.3	20.8
5 31	15 52.80	−22 31.6	1.811	2.817	3.3	21.0
6 10	15 43.89	−22 15.3	1.853	2.826	7.3	21.2
6 20	15 36.75	−22 0.3	1.920	2.835	10.9	21.5
6 30	15 31.92	−21 49.7	2.009	2.843	14.0	21.7

439742 2015 FM_{294} 5 23.2 292°.50 8°.1/17.9 18

4 21	16 21.39	− 1 20.7	1.918	2.783	12.7	20.3
5 1	16 16.57	+ 0 1.2	1.846	2.767	10.4	20.1
5 11	16 9.97	+ 1 14.8	1.797	2.751	8.5	20.0
5 21	16 2.23	+ 2 14.0	1.773	2.735	8.2	19.9
5 31	15 54.23	+ 2 53.6	1.774	2.720	9.6	19.9
6 10	15 46.89	+ 3 10.6	1.800	2.704	12.0	20.1
6 20	15 40.97	+ 3 4.7	1.846	2.688	14.7	20.2
6 30	15 37.04	+ 2 37.7	1.911	2.673	17.1	20.3

354572 2004 TJ_{181} 5 23.2 318°.10 0°.1/23.1 18

4 21	16 22.18	−20 56.3	2.070	2.941	11.6	20.5
5 1	16 17.17	−20 51.4	1.987	2.930	8.4	20.3
5 11	16 10.32	−20 42.0	1.929	2.919	4.8	20.1
5 21	16 2.30	−20 29.1	1.897	2.908	0.9	19.7
5 31	15 53.98	−20 14.2	1.892	2.898	3.2	19.9
6 10	15 46.33	−19 59.7	1.915	2.888	7.1	20.1
6 20	15 40.12	−19 48.4	1.962	2.878	10.6	20.3
6 30	15 35.94	−19 42.4	2.031	2.868	13.7	20.5

470336 2007 RM_{50} 5 23.2 268°.54 0°.2/23.1 17

4 21	16 23.56	−22 15.5	1.982	2.852	12.2	21.5
5 1	16 18.17	−21 42.5	1.902	2.844	8.8	21.3
5 11	16 10.87	−21 2.1	1.846	2.836	5.0	21.0
5 21	16 2.39	−20 16.1	1.816	2.828	0.9	20.7
5 31	15 53.69	−19 27.6	1.814	2.820	3.4	20.9
6 10	15 45.75	−18 40.7	1.840	2.811	7.4	21.1
6 20	15 39.38	−17 59.5	1.890	2.803	11.1	21.3
6 30	15 35.17	−17 27.2	1.962	2.795	14.3	21.5

475159 2005 UP_{396} 5 23.2 236°.57 1°.4/23.8 18

4 21	16 25.71	−24 41.7	2.779	3.626	9.8	21.9
5 1	16 19.40	−25 6.3	2.685	3.614	7.2	21.7
5 11	16 11.48	−25 26.1	2.618	3.601	4.4	21.5
5 21	16 2.51	−25 40.4	2.580	3.588	1.7	21.2
5 31	15 53.22	−25 49.3	2.571	3.574	2.8	21.3
6 10	15 44.39	−25 53.7	2.591	3.560	5.7	21.5
6 20	15 36.72	−25 55.5	2.639	3.546	8.6	21.6
6 30	15 30.76	−25 57.0	2.710	3.531	11.1	21.8

256115 2006 UA_{295} 5 23.2 174°.77 0°.7/22.8 17

4 21	16 27.51	−20 5.1	1.922	2.789	12.6	22.5
5 1	16 20.97	−19 44.1	1.851	2.792	9.1	22.3
5 11	16 12.42	−19 18.1	1.804	2.794	5.1	22.0
5 21	16 2.67	−18 48.7	1.784	2.795	1.0	21.7
5 31	15 52.74	−18 18.3	1.792	2.796	3.6	21.9
6 10	15 43.69	−17 50.4	1.828	2.797	7.7	22.2
6 20	15 36.34	−17 28.2	1.888	2.796	11.4	22.4
6 30	15 31.29	−17 14.1	1.971	2.795	14.6	22.6

515718 2014 UQ_{194} 5 23.2 145°.54 1°.3/24.4 18

4 21	16 17.85	−28 12.6	5.032	5.866	5.9	21.9
5 1	16 13.15	−28 23.6	4.955	5.873	4.4	21.8
5 11	16 7.70	−28 30.3	4.905	5.880	2.8	21.7
5 21	16 1.81	−28 32.8	4.885	5.887	1.5	21.6
5 31	15 55.84	−28 31.4	4.894	5.894	1.8	21.6
6 10	15 50.16	−28 26.9	4.934	5.901	3.3	21.7
6 20	15 45.09	−28 20.4	5.002	5.907	4.9	21.9
6 30	15 40.91	−28 13.2	5.095	5.913	6.3	22.0

142600 2002 TG_{116} 5 23.2 331°.45 2°.6/24.3 18

4 21	16 24.04	−28 17.6	1.309	2.188	16.5	19.3
5 1	16 19.45	−27 59.9	1.235	2.178	12.4	19.0
5 11	16 11.98	−27 25.9	1.182	2.169	7.7	18.7
5 21	16 2.63	−26 35.7	1.152	2.160	3.2	18.4
5 31	15 52.88	−25 32.7	1.146	2.152	4.6	18.5
6 10	15 44.31	−24 24.1	1.164	2.145	9.5	18.7
6 20	15 38.13	−23 17.6	1.204	2.138	14.3	19.0
6 30	15 35.11	−22 20.4	1.263	2.132	18.5	19.2

500946 2013 QU_6 5 23.2 285°.10 2°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.29	−18 19.1	1.575	2.456	14.1	21.8
5 1	16 20.00	−17 36.3	1.484	2.432	10.3	21.5
5 11	16 12.19	−16 47.0	1.416	2.407	6.0	21.2
5 21	16 2.68	−15 54.1	1.373	2.383	2.1	20.9
5 31	15 52.61	−15 2.3	1.356	2.358	5.0	21.0
6 10	15 43.31	−14 16.8	1.364	2.332	9.8	21.3
6 20	15 35.88	−13 42.5	1.395	2.307	14.4	21.5
6 30	15 31.13	−13 22.4	1.446	2.282	18.3	21.6

499495 2010 MV_{82} 5 23.2 268°.62 5°.4/25.3 17

4 21	16 30.35	−34 7.5	1.702	2.543	15.2	22.1
5 1	16 23.95	−34 27.3	1.605	2.519	12.1	21.9
5 11	16 14.59	−34 30.8	1.529	2.495	8.6	21.6
5 21	16 3.14	−34 14.5	1.477	2.470	5.8	21.4
5 31	15 50.95	−33 37.4	1.451	2.445	6.1	21.3
6 10	15 39.62	−32 43.2	1.451	2.419	9.4	21.4
6 20	15 30.47	−31 38.8	1.475	2.393	13.3	21.6
6 30	15 24.45	−30 32.6	1.520	2.366	17.1	21.8

6403 Steverin 5 23.2 318°.39 2°.4/21.7 18 R

4 21	16 22.68	−19 48.9	1.522	2.408	14.3	16.6
5 1	16 17.94	−18 24.7	1.446	2.396	10.3	16.4
5 11	16 10.89	−16 50.2	1.393	2.385	5.9	16.1
5 21	16 2.42	−15 10.8	1.365	2.375	2.4	15.8
5 31	15 53.70	−13 33.8	1.364	2.364	5.3	16.0
6 10	15 45.95	−12 7.3	1.388	2.354	9.9	16.2
6 20	15 40.10	−10 57.1	1.435	2.345	14.2	16.4
6 30	15 36.82	−10 6.8	1.502	2.336	17.9	16.7

504005 2005 CA_{73} 5 23.2 146°.95 2°.0/24.2 17

4 21	16 26.21	−27 10.8	2.247	3.098	11.6	22.2
5 1	16 19.88	−27 12.4	2.177	3.105	8.6	22.0
5 11	16 11.75	−27 5.4	2.131	3.112	5.3	21.8
5 21	16 2.56	−26 49.5	2.111	3.118	2.3	21.7
5 31	15 53.23	−26 26.0	2.121	3.124	3.2	21.7
6 10	15 44.70	−25 57.8	2.158	3.130	6.5	21.9
6 20	15 37.70	−25 28.3	2.221	3.135	9.7	22.1
6 30	15 32.79	−25 1.3	2.308	3.140	12.5	22.3

435732 2008 UY_{108} 5 23.2 118°.34 1°.1/23.7 17

4 21	16 25.99	−23 57.4	2.052	2.914	12.1	21.2
5 1	16 19.82	−24 3.0	1.985	2.922	8.9	21.0
5 11	16 11.76	−24 2.0	1.942	2.929	5.2	20.8
5 21	16 2.57	−23 54.5	1.926	2.936	1.5	20.6
5 31	15 53.21	−23 41.7	1.938	2.943	3.2	20.7
6 10	15 44.70	−23 26.1	1.977	2.950	6.9	20.9
6 20	15 37.80	−23 10.8	2.042	2.957	10.3	21.2
6 30	15 33.08	−22 58.8	2.129	2.963	13.3	21.4

519534 2012 KG_{52} 5 23.2 55°.62 1°.2/22.6 17

4 21	16 24.82	−20 19.8	1.538	2.420	14.4	20.0
5 1	16 19.33	−19 36.2	1.478	2.426	10.3	19.7
5 11	16 11.58	−18 45.9	1.441	2.433	5.8	19.5
5 21	16 2.53	−17 52.0	1.428	2.439	1.4	19.2
5 31	15 53.38	−16 59.2	1.442	2.446	4.3	19.4
6 10	15 45.33	−16 12.5	1.481	2.453	8.8	19.7
6 20	15 39.26	−15 36.2	1.544	2.460	12.9	20.0
6 30	15 35.75	−15 12.7	1.627	2.467	16.4	20.2

192234 2008 CS_{189} 5 23.2 145°.87 2°.9/21.8 18

4 21	16 23.18	−11 26.9	2.387	3.254	10.5	20.6
5 1	16 17.51	−11 16.1	2.319	3.257	7.7	20.4
5 11	16 10.35	−11 7.9	2.276	3.260	4.8	20.3
5 21	16 2.31	−11 4.0	2.260	3.263	2.9	20.1
5 31	15 54.13	−11 6.0	2.273	3.265	4.4	20.2
6 10	15 46.58	−11 15.1	2.313	3.268	7.2	20.4
6 20	15 40.28	−11 31.9	2.379	3.270	10.0	20.6
6 30	15 35.70	−11 56.4	2.467	3.272	12.5	20.8

105513 2000 RL_{14} 5 23.2 216°.70 0°.5/23.5 17

4 21	16 22.94	−23 51.8	2.479	3.338	10.4	20.0
5 1	16 17.40	−23 26.0	2.398	3.333	7.6	19.8
5 11	16 10.31	−22 53.4	2.341	3.328	4.4	19.5
5 21	16 2.30	−22 14.9	2.312	3.323	1.0	19.3
5 31	15 54.14	−21 33.0	2.312	3.318	2.7	19.4
6 10	15 46.61	−20 50.7	2.341	3.312	6.1	19.6
6 20	15 40.37	−20 11.3	2.395	3.306	9.2	19.8
6 30	15 35.90	−19 37.6	2.473	3.299	11.9	20.0

521251 2015 HH_{191} 5 23.2 139°.05 1°.8/24.1 17

4 21	16 24.74	−26 59.5	2.035	2.894	12.4	21.7
5 1	16 18.99	−26 49.6	1.962	2.895	9.2	21.5
5 11	16 11.32	−26 29.9	1.913	2.897	5.6	21.3
5 21	16 2.49	−26 0.8	1.890	2.898	2.2	21.0
5 31	15 53.50	−25 24.2	1.895	2.900	3.3	21.1
6 10	15 45.34	−24 43.8	1.927	2.901	6.9	21.4
6 20	15 38.83	−24 3.8	1.985	2.903	10.4	21.6
6 30	15 34.51	−23 28.2	2.064	2.904	13.4	21.8

407280 2010 GC_{113} 5 23.2 348°.47 5°.7/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 21.16	−11 47.6	0.962	1.873	18.2	20.0
5 1	16 17.72	−11 6.3	0.904	1.864	13.5	19.7
5 11	16 11.15	−10 28.8	0.865	1.856	8.7	19.4
5 21	16 2.51	−10 1.0	0.845	1.850	5.7	19.2
5 31	15 53.41	− 9 49.1	0.848	1.845	8.3	19.3
6 10	15 45.60	− 9 56.9	0.870	1.842	13.3	19.6
6 20	15 40.40	−10 24.9	0.910	1.840	18.3	19.9
6 30	15 38.62	−11 11.4	0.967	1.839	22.6	20.1

49667 1999 OM_2 5 23.2 25°.57 12°.4/30.7 18 R

4 21	16 33.18	−48 24.2	1.008	1.831	24.5	16.7
5 1	16 27.35	−48 18.0	0.948	1.834	21.0	16.4
5 11	16 16.79	−47 26.0	0.902	1.836	17.1	16.2
5 21	16 3.49	−45 40.7	0.874	1.840	13.8	16.0
5 31	15 50.24	−43 4.0	0.867	1.843	12.4	16.0
6 10	15 39.67	−39 51.2	0.881	1.848	13.9	16.1
6 20	15 33.29	−36 24.7	0.916	1.852	17.4	16.3
6 30	15 31.57	−33 6.2	0.970	1.857	21.3	16.5

228533 2001 VR_{19} 5 23.2 147°.69 0°.1/23.1 17 R

4 21	16 26.29	−22 28.0	2.047	2.911	12.1	20.7
5 1	16 19.94	−21 54.7	1.980	2.919	8.7	20.5
5 11	16 11.77	−21 14.3	1.937	2.926	4.9	20.3
5 21	16 2.57	−20 28.7	1.922	2.934	0.9	20.0
5 31	15 53.29	−19 40.9	1.935	2.940	3.2	20.2
6 10	15 44.90	−18 55.0	1.977	2.947	7.1	20.4
6 20	15 38.13	−18 14.6	2.043	2.952	10.6	20.7
6 30	15 33.50	−17 42.8	2.132	2.958	13.6	20.9

404169 2013 CF_{79} 5 23.2 146°.11 5°.7/25.5 17

4 21	16 30.75	−33 59.8	1.374	2.228	17.4	21.6
5 1	16 24.33	−34 16.0	1.308	2.230	13.6	21.4
5 11	16 14.73	−34 12.4	1.261	2.232	9.5	21.2
5 21	16 3.14	−33 46.0	1.238	2.234	6.2	21.0
5 31	15 51.23	−32 57.8	1.239	2.236	6.4	21.0
6 10	15 40.76	−31 54.0	1.265	2.237	9.9	21.2
6 20	15 33.01	−30 43.6	1.313	2.239	14.0	21.4
6 30	15 28.72	−29 35.4	1.381	2.240	17.8	21.7

201653 2003 TZ_8 5 23.2 223°.02 1°.6/23.9 18

4 21	16 27.25	−25 37.2	2.575	3.421	10.5	21.1
5 1	16 20.61	−25 52.5	2.482	3.409	7.8	20.9
5 11	16 12.21	−26 1.6	2.415	3.397	4.7	20.7
5 21	16 2.67	−26 3.8	2.376	3.384	1.9	20.5
5 31	15 52.81	−25 59.4	2.367	3.370	3.0	20.5
6 10	15 43.49	−25 50.0	2.387	3.356	6.1	20.7
6 20	15 35.47	−25 38.2	2.434	3.341	9.2	20.9
6 30	15 29.33	−25 27.0	2.504	3.325	11.9	21.0

241640 1999 XS_{249} 5 23.2 251°.21 4°.0/21.4 18

4 21	16 25.66	− 8 53.9	2.179	3.042	11.5	20.5
5 1	16 19.56	− 8 39.1	2.092	3.026	8.6	20.3
5 11	16 11.66	− 8 28.8	2.030	3.009	5.7	20.1
5 21	16 2.58	− 8 25.3	1.995	2.992	4.0	19.9
5 31	15 53.16	− 8 30.7	1.988	2.974	5.5	20.0
6 10	15 44.30	− 8 46.3	2.008	2.956	8.6	20.2
6 20	15 36.80	− 9 12.5	2.054	2.938	11.7	20.3
6 30	15 31.23	− 9 49.0	2.121	2.919	14.6	20.5

507772 2013 YH_{113} 5 23.2 238°.08 2°.4/22.2 17

4 21	16 24.27	−14 29.0	1.949	2.823	12.1	21.6
5 1	16 18.62	−14 15.2	1.879	2.823	8.8	21.4
5 11	16 11.11	−14 1.9	1.834	2.822	5.2	21.2
5 21	16 2.47	−13 50.9	1.814	2.822	2.4	21.0
5 31	15 53.62	−13 44.4	1.822	2.821	4.4	21.1
6 10	15 45.53	−13 44.4	1.857	2.821	8.0	21.4
6 20	15 38.99	−13 52.3	1.916	2.820	11.5	21.6
6 30	15 34.55	−14 8.7	1.997	2.820	14.5	21.8

510624 2012 TV_{161} 5 23.2 185°.09 2°.2/24.2 17

4 21	16 26.00	−27 4.1	2.093	2.948	12.2	22.0
5 1	16 19.94	−27 16.1	2.017	2.948	9.1	21.8
5 11	16 11.89	−27 19.5	1.966	2.948	5.6	21.6
5 21	16 2.61	−27 13.6	1.941	2.947	2.6	21.4
5 31	15 53.10	−26 59.3	1.944	2.947	3.5	21.4
6 10	15 44.36	−26 39.2	1.974	2.946	6.9	21.6
6 20	15 37.25	−26 16.7	2.029	2.945	10.3	21.8
6 30	15 32.35	−25 55.6	2.107	2.945	13.3	22.0

274893 2009 SA_{74} 5 23.2 170°.03 5°.1/20.1 17

4 21	16 24.46	− 7 31.7	2.161	3.026	11.5	21.9
5 1	16 18.49	− 6 32.1	2.098	3.030	8.7	21.7
5 11	16 10.91	− 5 36.7	2.060	3.033	6.2	21.6
5 21	16 2.42	− 4 49.6	2.048	3.036	5.1	21.5
5 31	15 53.83	− 4 14.5	2.065	3.038	6.5	21.6
6 10	15 45.97	− 3 53.8	2.108	3.039	9.2	21.7
6 20	15 39.51	− 3 48.3	2.176	3.040	11.9	21.9
6 30	15 34.91	− 3 57.6	2.264	3.041	14.4	22.1

25049 Christofnorn 5 23.2 280°.81 1°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.02	−25 10.2	1.570	2.442	14.6	18.7
5 1	16 20.53	−24 53.3	1.488	2.430	10.8	18.5
5 11	16 12.48	−24 25.4	1.428	2.416	6.4	18.2
5 21	16 2.75	−23 46.9	1.393	2.403	1.9	17.9
5 31	15 52.60	−23 0.5	1.384	2.390	3.9	18.0
6 10	15 43.38	−22 11.4	1.400	2.377	8.7	18.2
6 20	15 36.21	−21 25.2	1.440	2.364	13.2	18.4
6 30	15 31.82	−20 47.0	1.501	2.351	17.1	18.6

225948 2002 BJ_{29} 5 23.2 140°.61 0°.1/23.2 18

4 21	16 27.61	−20 31.5	2.073	2.935	12.0	20.7
5 1	16 20.93	−20 36.7	2.007	2.945	8.7	20.5
5 11	16 12.37	−20 38.0	1.965	2.954	4.9	20.3
5 21	16 2.70	−20 35.6	1.951	2.962	0.9	20.1
5 31	15 52.88	−20 30.9	1.965	2.970	3.2	20.2
6 10	15 43.89	−20 25.9	2.008	2.978	7.0	20.5
6 20	15 36.52	−20 22.9	2.076	2.985	10.4	20.7
6 30	15 31.30	−20 24.0	2.166	2.992	13.4	20.9

16510 1990 UL_{4} 5 23.2 90°.82 2°.0/22.6 18

4 21	16 28.70	−15 50.8	1.397	2.279	15.5	17.8
5 1	16 22.39	−15 51.6	1.337	2.285	11.2	17.5
5 11	16 13.45	−15 52.6	1.299	2.290	6.5	17.3
5 21	16 2.91	−15 55.0	1.285	2.295	2.2	17.0
5 31	15 52.13	−16 0.6	1.297	2.300	4.9	17.2
6 10	15 42.50	−16 11.5	1.334	2.305	9.7	17.5
6 20	15 35.10	−16 29.3	1.394	2.310	14.1	17.7
6 30	15 30.62	−16 55.1	1.473	2.315	17.7	18.0

320645 2008 CA_{118} 5 23.2 88°.95 1°.0/23.6 17

4 21	16 28.20	−23 51.6	1.551	2.422	14.8	21.4
5 1	16 21.79	−23 45.1	1.494	2.436	10.8	21.2
5 11	16 12.98	−23 29.8	1.461	2.450	6.2	21.0
5 21	16 2.81	−23 6.5	1.452	2.463	1.6	20.7
5 31	15 52.55	−22 37.7	1.470	2.477	3.8	20.9
6 10	15 43.50	−22 7.6	1.514	2.490	8.3	21.2
6 20	15 36.60	−21 40.5	1.582	2.503	12.4	21.4
6 30	15 32.43	−21 20.3	1.670	2.516	15.8	21.7

470843 2008 XD_{33} 5 23.2 268°.93 1°.5/23.9 17

4 21	16 25.07	−26 4.5	1.948	2.810	12.7	21.6
5 1	16 19.44	−25 52.9	1.861	2.797	9.4	21.4
5 11	16 11.70	−25 31.7	1.798	2.783	5.7	21.2
5 21	16 2.60	−25 0.9	1.761	2.770	2.0	20.9
5 31	15 53.17	−24 22.5	1.751	2.756	3.4	20.9
6 10	15 44.49	−23 40.4	1.768	2.743	7.4	21.2
6 20	15 37.48	−22 59.0	1.810	2.729	11.2	21.4
6 30	15 32.80	−22 22.6	1.874	2.715	14.6	21.6

325096 2008 DN_{73} 5 23.2 272°.85 4°.6/20.9 18

4 21	16 24.55	−12 14.5	1.593	2.475	13.9	20.7
5 1	16 19.22	−11 17.2	1.518	2.463	10.3	20.4
5 11	16 11.63	−10 19.8	1.465	2.451	6.6	20.2
5 21	16 2.60	− 9 27.2	1.438	2.439	4.6	20.0
5 31	15 53.23	− 8 44.6	1.436	2.427	6.7	20.1
6 10	15 44.71	− 8 16.3	1.460	2.414	10.6	20.3
6 20	15 38.00	− 8 4.6	1.506	2.402	14.5	20.5
6 30	15 33.79	− 8 10.2	1.571	2.390	17.9	20.7

35438 1998 BZ_{22} 5 23.2 299°.76 1°.2/22.7 18

4 21	16 24.77	−18 25.4	1.654	2.534	13.6	18.7
5 1	16 19.42	−18 14.8	1.576	2.523	9.9	18.4
5 11	16 11.77	−18 1.0	1.521	2.513	5.6	18.2
5 21	16 2.63	−17 45.4	1.491	2.502	1.4	17.9
5 31	15 53.11	−17 30.4	1.488	2.492	4.1	18.0
6 10	15 44.42	−17 19.0	1.510	2.482	8.7	18.3
6 20	15 37.55	−17 14.0	1.556	2.472	12.8	18.5
6 30	15 33.19	−17 17.6	1.622	2.463	16.4	18.7

299280 2005 OJ_{5} 5 23.2 231°.44 1°.7/22.1 18

4 21	16 22.33	−16 9.6	2.523	3.390	10.0	21.2
5 1	16 16.93	−15 43.2	2.441	3.381	7.2	21.0
5 11	16 10.06	−15 15.2	2.384	3.373	4.2	20.8
5 21	16 2.30	−14 47.4	2.355	3.363	1.8	20.6
5 31	15 54.34	−14 22.2	2.355	3.354	3.5	20.7
6 10	15 46.94	−14 1.8	2.383	3.344	6.6	20.9
6 20	15 40.71	−13 48.0	2.437	3.334	9.6	21.1
6 30	15 36.14	−13 42.4	2.514	3.324	12.2	21.2

136597 1993 FA_{31} 5 23.2 124°.75 0°.8/22.7 17

4 21	16 23.75	−18 54.1	2.517	3.380	10.1	20.9
5 1	16 17.83	−18 38.1	2.454	3.393	7.3	20.7
5 11	16 10.49	−18 19.4	2.417	3.406	4.1	20.5
5 21	16 2.36	−17 59.1	2.407	3.418	1.0	20.3
5 31	15 54.17	−17 39.2	2.427	3.430	2.9	20.5
6 10	15 46.66	−17 21.7	2.475	3.442	6.1	20.7
6 20	15 40.42	−17 8.7	2.550	3.453	9.0	20.9
6 30	15 35.88	−17 1.5	2.648	3.464	11.5	21.1

36412 2000 OP_{49} 5 23.2 286°.00 1°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.37	−18 30.4	1.403	2.287	15.4	18.0
5 1	16 21.81	−18 29.1	1.320	2.268	11.3	17.7
5 11	16 13.39	−18 24.9	1.258	2.250	6.5	17.4
5 21	16 2.97	−18 18.5	1.220	2.232	1.5	17.0
5 31	15 51.88	−18 11.9	1.208	2.213	4.6	17.1
6 10	15 41.67	−18 8.3	1.221	2.195	10.0	17.4
6 20	15 33.59	−18 10.7	1.255	2.177	14.9	17.6
6 30	15 28.58	−18 21.9	1.309	2.159	19.1	17.8

15710 Böcklin 5 23.2 325°.63 6°.4/21.4 18

4 21	16 23.07	− 9 27.8	1.079	1.980	17.5	16.3
5 1	16 19.07	− 8 55.6	1.008	1.962	13.2	16.0
5 11	16 11.98	− 8 30.2	0.956	1.944	8.9	15.6
5 21	16 2.72	− 8 17.2	0.925	1.926	6.4	15.4
5 31	15 52.78	− 8 21.8	0.916	1.910	8.7	15.5
6 10	15 43.86	− 8 47.0	0.929	1.895	13.5	15.7
6 20	15 37.36	− 9 32.5	0.960	1.881	18.4	15.9
6 30	15 34.22	−10 36.3	1.007	1.869	22.7	16.2

219804 2002 AF_{155} 5 23.2 176°.09 2°.1/24.3 18

4 21	16 27.82	−28 10.2	2.529	3.369	10.8	21.1
5 1	16 20.93	−28 12.9	2.450	3.372	8.1	21.0
5 11	16 12.33	−28 6.8	2.397	3.375	5.1	20.8
5 21	16 2.72	−27 51.6	2.371	3.377	2.4	20.6
5 31	15 52.93	−27 28.3	2.376	3.377	3.1	20.6
6 10	15 43.85	−26 59.4	2.409	3.378	6.1	20.8
6 20	15 36.20	−26 28.3	2.469	3.377	9.1	21.0
6 30	15 30.50	−25 58.5	2.552	3.375	11.7	21.2

253787 2003 WB_{167} 5 23.2 218°.83 3°.5/21.8 17

4 21	16 27.30	−12 32.9	1.751	2.624	13.3	21.2
5 1	16 21.04	−12 8.2	1.676	2.618	9.8	21.0
5 11	16 12.60	−11 45.2	1.625	2.611	6.1	20.7
5 21	16 2.79	−11 26.5	1.600	2.604	3.5	20.5
5 31	15 52.67	−11 15.2	1.602	2.597	5.5	20.6
6 10	15 43.38	−11 13.6	1.630	2.589	9.4	20.8
6 20	15 35.83	−11 23.1	1.682	2.580	13.1	21.1
6 30	15 30.69	−11 44.2	1.755	2.571	16.4	21.3

106580 2000 WZ_{98} 5 23.2 179°.27 0°.2/23.3 18

4 21	16 22.77	−22 5.7	2.832	3.689	9.3	20.9
5 1	16 17.11	−21 56.0	2.754	3.690	6.7	20.7
5 11	16 10.11	−21 41.9	2.703	3.690	3.8	20.6
5 21	16 2.31	−21 24.2	2.679	3.691	0.8	20.3
5 31	15 54.39	−21 4.1	2.686	3.691	2.4	20.4
6 10	15 47.01	−20 43.8	2.721	3.690	5.4	20.7
6 20	15 40.75	−20 25.4	2.783	3.690	8.2	20.8
6 30	15 36.05	−20 10.8	2.869	3.688	10.6	21.0

134324 1619 T_{-2} 5 23.2 240°.34 0°.6/23.4 17

4 21	16 29.03	−23 0.5	1.731	2.598	13.8	20.7
5 1	16 22.56	−22 51.0	1.644	2.583	10.2	20.4
5 11	16 13.61	−22 33.5	1.580	2.568	5.9	20.1
5 21	16 3.00	−22 8.4	1.541	2.552	1.3	19.8
5 31	15 51.91	−21 37.7	1.530	2.536	3.7	19.9
6 10	15 41.65	−21 5.2	1.546	2.519	8.4	20.1
6 20	15 33.29	−20 35.4	1.586	2.501	12.7	20.3
6 30	15 27.59	−20 12.4	1.647	2.482	16.5	20.5

497939 2006 WS_{96} 5 23.2 250°.58 0°.1/23.2 17

4 21	16 27.96	−21 16.0	1.838	2.705	13.1	22.1
5 1	16 21.68	−21 13.8	1.749	2.689	9.6	21.9
5 11	16 13.07	−21 6.3	1.683	2.672	5.5	21.6
5 21	16 2.91	−20 53.8	1.643	2.655	1.0	21.3
5 31	15 52.26	−20 37.7	1.631	2.636	3.6	21.4
6 10	15 42.33	−20 20.9	1.646	2.618	8.1	21.6
6 20	15 34.13	−20 6.8	1.686	2.599	12.2	21.8
6 30	15 28.42	−19 58.7	1.747	2.579	15.8	22.0

342102 2008 SK_{65} 5 23.2 293°.35 4°.5/24.5 17

4 21	16 28.17	−30 18.5	1.742	2.595	14.3	20.2
5 1	16 22.31	−31 0.5	1.646	2.571	11.1	19.9
5 11	16 13.68	−31 32.4	1.572	2.547	7.6	19.7
5 21	16 3.05	−31 50.6	1.523	2.522	4.8	19.4
5 31	15 51.64	−31 53.4	1.500	2.498	5.4	19.4
6 10	15 40.90	−31 42.7	1.503	2.473	8.9	19.6
6 20	15 32.10	−31 22.5	1.530	2.449	12.9	19.7
6 30	15 26.20	−30 58.9	1.577	2.424	16.5	19.9

344528 2002 TK_{149} 5 23.2 247°.78 0°.8/23.6 16

4 21	16 24.64	−23 36.1	2.104	2.967	11.8	21.7
5 1	16 18.94	−23 31.3	2.023	2.960	8.6	21.5
5 11	16 11.35	−23 20.0	1.966	2.953	5.0	21.2
5 21	16 2.57	−23 2.4	1.936	2.946	1.3	21.0
5 31	15 53.53	−22 40.2	1.933	2.939	3.1	21.1
6 10	15 45.19	−22 16.1	1.959	2.932	6.9	21.3
6 20	15 38.38	−21 53.4	2.009	2.924	10.5	21.5
6 30	15 33.67	−21 35.2	2.082	2.917	13.5	21.7

387270 2012 UP_{111} 5 23.2 25°.01 0°.9/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.96	−18 39.4	1.984	2.856	12.0	20.9
5 1	16 18.42	−18 27.9	1.913	2.857	8.7	20.7
5 11	16 11.03	−18 13.4	1.866	2.857	4.9	20.4
5 21	16 2.51	−17 57.2	1.846	2.857	1.2	20.2
5 31	15 53.80	−17 41.5	1.854	2.858	3.5	20.4
6 10	15 45.86	−17 28.8	1.888	2.858	7.4	20.6
6 20	15 39.47	−17 21.3	1.948	2.859	10.9	20.8
6 30	15 35.17	−17 20.9	2.029	2.859	14.0	21.0

448402 2009 RD_{61} 5 23.2 269°.87 10°.6/15.9 18

4 21	16 26.03	− 6 57.4	1.176	2.067	17.2	20.5
5 1	16 20.75	− 3 48.8	1.115	2.057	13.6	20.3
5 11	16 12.67	− 0 39.3	1.077	2.046	11.0	20.1
5 21	16 2.83	+ 2 15.2	1.063	2.035	11.0	20.1
5 31	15 52.69	+ 4 38.9	1.074	2.025	13.7	20.2
6 10	15 43.73	+ 6 21.8	1.106	2.014	17.5	20.4
6 20	15 37.10	+ 7 21.3	1.156	2.003	21.3	20.6
6 30	15 33.53	+ 7 40.4	1.220	1.992	24.5	20.8

272687 2005 XY_{64} 5 23.2 162°.52 1°.5/22.3 17

4 21	16 25.47	−18 20.7	2.214	3.080	11.2	21.6
5 1	16 19.24	−17 37.1	2.145	3.086	8.1	21.4
5 11	16 11.37	−16 49.6	2.102	3.091	4.6	21.2
5 21	16 2.56	−16 0.7	2.086	3.096	1.6	21.0
5 31	15 53.67	−15 13.7	2.099	3.100	3.7	21.1
6 10	15 45.56	−14 32.0	2.141	3.103	7.2	21.3
6 20	15 38.89	−13 58.6	2.208	3.106	10.4	21.5
6 30	15 34.17	−13 35.4	2.297	3.109	13.2	21.7

400553 2008 VK_{46} 5 23.2 273°.30 0°.1/23.2 14 C

4 21	16 28.20	−22 13.7	1.404	2.283	15.6	22.1
5 1	16 22.50	−21 54.8	1.316	2.262	11.5	21.8
5 11	16 13.83	−21 26.5	1.249	2.240	6.7	21.4
5 21	16 3.09	−20 49.7	1.207	2.218	1.2	21.0
5 31	15 51.65	−20 7.5	1.190	2.196	4.4	21.2
6 10	15 41.10	−19 25.1	1.197	2.173	10.0	21.4
6 20	15 32.77	−18 48.5	1.227	2.150	15.1	21.6
6 30	15 27.60	−18 22.5	1.276	2.126	19.5	21.9

505558 2014 AY_{14} 5 23.2 152°.96 2°.8/21.4 17

4 21	16 23.72	−13 17.3	2.465	3.330	10.2	22.8
5 1	16 17.82	−12 33.6	2.400	3.338	7.4	22.7
5 11	16 10.51	−11 50.0	2.361	3.346	4.6	22.5
5 21	16 2.42	−11 9.3	2.351	3.353	2.8	22.4
5 31	15 54.26	−10 34.3	2.369	3.360	4.3	22.5
6 10	15 46.77	−10 7.5	2.415	3.366	7.2	22.7
6 20	15 40.52	− 9 50.4	2.488	3.372	9.9	22.9
6 30	15 35.97	− 9 43.8	2.582	3.377	12.3	23.0

118999 2000 YJ_{51} 5 23.2 124°.29 1°.0/23.8 18

4 21	16 22.85	−25 1.9	2.536	3.392	10.3	20.0
5 1	16 17.30	−24 49.0	2.465	3.399	7.5	19.9
5 11	16 10.26	−24 29.3	2.420	3.405	4.4	19.7
5 21	16 2.38	−24 3.5	2.402	3.412	1.4	19.5
5 31	15 54.40	−23 33.4	2.413	3.418	2.6	19.6
6 10	15 47.08	−23 1.7	2.452	3.424	5.8	19.8
6 20	15 41.05	−22 31.1	2.517	3.430	8.7	20.0
6 30	15 36.75	−22 4.5	2.606	3.436	11.3	20.2

17608 Terezín 5 23.2 210°.87 4°.3/25.3 18

4 21	16 26.23	−33 44.7	2.327	3.158	12.0	18.9
5 1	16 20.11	−34 11.6	2.247	3.156	9.4	18.7
5 11	16 12.04	−34 26.7	2.192	3.155	6.7	18.5
5 21	16 2.72	−34 28.1	2.163	3.153	4.6	18.4
5 31	15 53.13	−34 15.9	2.161	3.151	4.8	18.4
6 10	15 44.28	−33 52.2	2.186	3.149	7.0	18.5
6 20	15 36.99	−33 21.0	2.237	3.147	9.8	18.7
6 30	15 31.89	−32 46.9	2.311	3.145	12.4	18.8

457755 2009 HL_{80} 5 23.2 12°.94 4°.7/21.4 17

4 21	16 22.69	−13 27.4	1.114	2.016	17.0	20.2
5 1	16 18.39	−12 36.0	1.062	2.018	12.4	19.9
5 11	16 11.33	−11 45.6	1.031	2.022	7.7	19.6
5 21	16 2.61	−11 1.9	1.021	2.026	4.7	19.5
5 31	15 53.70	−10 30.7	1.034	2.032	7.3	19.6
6 10	15 46.09	−10 16.4	1.070	2.038	11.9	19.9
6 20	15 40.85	−10 20.5	1.125	2.045	16.4	20.2
6 30	15 38.65	−10 42.3	1.198	2.053	20.2	20.5

257348 2009 KN_{7} 5 23.2 336°.71 2°.3/22.7 17

4 21	16 22.68	−15 25.4	1.075	1.980	17.3	19.7
5 1	16 18.92	−15 36.4	1.003	1.962	12.7	19.3
5 11	16 11.98	−15 50.0	0.951	1.945	7.4	19.0
5 21	16 2.79	−16 7.7	0.920	1.930	2.5	18.6
5 31	15 52.86	−16 31.1	0.911	1.916	5.7	18.8
6 10	15 43.97	−17 1.9	0.924	1.904	11.4	19.0
6 20	15 37.56	−17 40.8	0.956	1.893	16.8	19.3
6 30	15 34.64	−18 28.5	1.006	1.884	21.4	19.5

368908 2006 TB_{37} 5 23.2 316°.44 0°.9/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.74	−22 52.0	1.307	2.194	16.0	20.8
5 1	16 20.10	−22 54.8	1.227	2.176	11.9	20.5
5 11	16 12.51	−22 49.7	1.168	2.159	6.9	20.1
5 21	16 2.87	−22 36.5	1.131	2.142	1.7	19.7
5 31	15 52.59	−22 17.0	1.119	2.126	4.4	19.9
6 10	15 43.27	−21 55.3	1.131	2.111	9.9	20.1
6 20	15 36.24	−21 36.2	1.164	2.096	14.9	20.4
6 30	15 32.40	−21 24.3	1.216	2.082	19.2	20.6

182893 2002 DA_{18} 5 23.2 122°.66 0°.4/23.4 18

4 21	16 23.36	−22 46.8	2.538	3.397	10.2	21.3
5 1	16 17.64	−22 38.8	2.470	3.406	7.4	21.2
5 11	16 10.45	−22 25.7	2.428	3.416	4.2	21.0
5 21	16 2.43	−22 8.2	2.414	3.425	0.9	20.7
5 31	15 54.31	−21 47.9	2.428	3.433	2.6	20.9
6 10	15 46.86	−21 27.0	2.471	3.442	5.8	21.1
6 20	15 40.67	−21 7.8	2.540	3.450	8.7	21.3
6 30	15 36.21	−20 52.7	2.633	3.459	11.3	21.5

390413 2013 YK_{29} 5 23.2 67°.46 2°.2/22.6 18

4 21	16 27.58	−13 38.0	1.767	2.640	13.3	19.9
5 1	16 21.18	−13 54.6	1.703	2.645	9.6	19.7
5 11	16 12.66	−14 14.0	1.662	2.651	5.6	19.5
5 21	16 2.85	−14 36.8	1.648	2.656	2.3	19.3
5 31	15 52.81	−15 3.5	1.661	2.662	4.4	19.4
6 10	15 43.66	−15 34.6	1.701	2.668	8.3	19.7
6 20	15 36.27	−16 10.5	1.765	2.673	12.1	19.9
6 30	15 31.27	−16 51.4	1.851	2.679	15.2	20.1

106338 2000 UE_{108} 5 23.2 273°.92 4°.0/20.9 16

4 21	16 21.63	− 9 57.9	2.246	3.117	10.9	20.0
5 1	16 16.57	− 9 17.8	2.169	3.108	8.1	19.8
5 11	16 9.95	− 8 40.2	2.117	3.098	5.4	19.6
5 21	16 2.35	− 8 8.2	2.092	3.088	4.0	19.5
5 31	15 54.55	− 7 44.8	2.094	3.078	5.5	19.6
6 10	15 47.35	− 7 32.4	2.123	3.069	8.3	19.7
6 20	15 41.40	− 7 32.0	2.176	3.059	11.2	19.9
6 30	15 37.23	− 7 43.9	2.250	3.049	13.8	20.1

61287 2000 OR_{41} 5 23.2 284°.16 1°.7/22.2 18

4 21	16 24.15	−19 41.9	1.689	2.568	13.5	18.6
5 1	16 18.82	−18 42.9	1.616	2.563	9.7	18.3
5 11	16 11.36	−17 36.6	1.566	2.557	5.5	18.1
5 21	16 2.61	−16 26.7	1.542	2.552	1.8	17.8
5 31	15 53.67	−15 18.3	1.545	2.547	4.5	18.0
6 10	15 45.64	−14 17.2	1.575	2.542	8.8	18.2
6 20	15 39.40	−13 27.9	1.628	2.538	12.8	18.4
6 30	15 35.55	−12 53.2	1.701	2.533	16.2	18.6

381485 2008 SM_{70} 5 23.2 167°.65 2°.8/21.6 17

4 21	16 24.55	−13 23.0	2.330	3.196	10.7	21.7
5 1	16 18.53	−12 48.7	2.262	3.200	7.8	21.6
5 11	16 10.98	−12 14.8	2.219	3.204	4.8	21.4
5 21	16 2.54	−11 43.6	2.203	3.207	2.8	21.2
5 31	15 53.98	−11 17.8	2.217	3.210	4.4	21.3
6 10	15 46.11	−10 59.8	2.258	3.212	7.4	21.5
6 20	15 39.56	−10 50.9	2.325	3.214	10.3	21.7
6 30	15 34.81	−10 52.1	2.414	3.215	12.9	21.9

513118 2017 WJ_{27} 5 23.2 259°.46 0°.5/23.4 18

4 21	16 27.85	−21 27.0	1.923	2.788	12.7	21.1
5 1	16 21.57	−21 43.2	1.833	2.772	9.3	20.8
5 11	16 13.03	−21 55.4	1.767	2.756	5.4	20.6
5 21	16 2.96	−22 3.0	1.728	2.739	1.2	20.2
5 31	15 52.38	−22 6.7	1.716	2.721	3.4	20.4
6 10	15 42.46	−22 8.1	1.732	2.704	7.7	20.6
6 20	15 34.19	−22 9.7	1.772	2.686	11.7	20.8
6 30	15 28.31	−22 14.5	1.835	2.668	15.1	21.0

19052 1017 $T\text{-}_{2}$ 5 23.2 192°.94 3°.8/20.9 18

4 21	16 21.55	−10 51.5	2.238	3.110	10.9	18.9
5 1	16 16.45	−10 2.7	2.171	3.110	8.0	18.7
5 11	16 9.83	− 9 15.8	2.128	3.110	5.3	18.5
5 21	16 2.33	− 8 34.0	2.112	3.110	3.8	18.4
5 31	15 54.71	− 8 0.6	2.124	3.109	5.3	18.5
6 10	15 47.74	− 7 38.3	2.163	3.109	8.1	18.7
6 20	15 42.05	− 7 28.2	2.226	3.109	11.0	18.9
6 30	15 38.12	− 7 30.8	2.310	3.108	13.5	19.1

276412 2002 YR_{30} 5 23.2 110°.82 1°.7/24.1 17

4 21	16 28.33	−26 49.8	1.833	2.692	13.5	20.2
5 1	16 21.62	−26 35.4	1.774	2.707	10.0	20.1
5 11	16 12.83	−26 10.2	1.739	2.723	6.0	19.8
5 21	16 2.87	−25 35.0	1.729	2.738	2.2	19.6
5 31	15 52.88	−24 52.4	1.748	2.753	3.5	19.7
6 10	15 43.99	−24 6.7	1.793	2.767	7.4	20.0
6 20	15 37.01	−23 22.9	1.864	2.781	11.0	20.3
6 30	15 32.48	−22 44.9	1.957	2.795	14.1	20.5

439554 2014 DZ_{35} 5 23.2 326°.21 3°.0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.40	−13 18.9	1.936	2.813	12.1	20.5
5 1	16 17.35	−12 53.5	1.863	2.807	8.8	20.3
5 11	16 10.47	−12 29.2	1.814	2.802	5.4	20.1
5 21	16 2.46	−12 8.3	1.791	2.796	3.0	19.9
5 31	15 54.23	−11 53.7	1.795	2.791	4.9	20.0
6 10	15 46.72	−11 47.7	1.826	2.786	8.4	20.2
6 20	15 40.69	−11 51.6	1.880	2.782	11.8	20.4
6 30	15 36.71	−12 6.1	1.955	2.777	14.8	20.6

434728 2006 DP_{201} 5 23.2 41°.08 10°.6/27.2 15

4 21	16 33.27	−43 1.0	1.482	2.296	18.4	20.5
5 1	16 26.42	−44 33.2	1.436	2.315	15.5	20.4
5 11	16 16.08	−45 40.7	1.410	2.335	12.8	20.2
5 21	16 3.51	−46 16.8	1.405	2.356	10.9	20.2
5 31	15 50.61	−46 19.0	1.423	2.377	10.7	20.2
6 10	15 39.35	−45 51.4	1.464	2.399	12.1	20.4
6 20	15 31.12	−45 2.8	1.526	2.421	14.4	20.5
6 30	15 26.71	−44 3.3	1.607	2.443	16.8	20.8

367658 2009 WN_{236} 5 23.2 259°.76 1°.6/22.5 18

4 21	16 26.36	−16 53.0	1.860	2.733	12.7	21.5
5 1	16 20.44	−16 41.1	1.774	2.717	9.3	21.2
5 11	16 12.36	−16 27.4	1.711	2.701	5.3	21.0
5 21	16 2.84	−16 13.4	1.674	2.684	1.8	20.7
5 31	15 52.90	−16 1.1	1.665	2.667	4.2	20.8
6 10	15 43.65	−15 53.3	1.682	2.650	8.4	21.0
6 20	15 36.02	−15 52.1	1.724	2.632	12.3	21.2
6 30	15 30.73	−15 59.5	1.787	2.614	15.7	21.4

87480 2000 QZ_{143} 5 23.2 310°.64 2°.4/23.9 18

4 21	16 25.47	−25 32.5	1.462	2.338	15.3	19.7
5 1	16 20.63	−25 52.1	1.368	2.310	11.5	19.4
5 11	16 12.88	−26 3.0	1.295	2.282	7.1	19.1
5 21	16 2.99	−26 3.6	1.246	2.254	2.9	18.7
5 31	15 52.26	−25 53.8	1.221	2.227	4.5	18.8
6 10	15 42.25	−25 36.5	1.221	2.200	9.5	19.0
6 20	15 34.33	−25 16.3	1.244	2.173	14.3	19.2
6 30	15 29.52	−24 58.8	1.285	2.147	18.7	19.4

179556 2002 DH_6 5 23.2 239°.04 5°.2/19.7 18

4 21	16 21.23	− 4 43.4	2.568	3.427	10.1	20.5
5 1	16 16.11	− 3 55.0	2.492	3.417	7.8	20.3
5 11	16 9.62	− 3 11.9	2.442	3.407	5.9	20.2
5 21	16 2.32	− 2 37.6	2.419	3.397	5.2	20.1
5 31	15 54.84	− 2 14.8	2.423	3.386	6.3	20.2
6 10	15 47.88	− 2 5.5	2.454	3.376	8.5	20.3
6 20	15 42.01	− 2 10.0	2.510	3.365	10.9	20.4
6 30	15 37.68	− 2 27.9	2.586	3.353	13.0	20.6

57385 2001 RU_{70} 5 23.2 149°.06 0°.1/23.1 18

4 21	16 23.24	−22 16.1	2.284	3.148	11.0	19.1
5 1	16 17.69	−21 44.2	2.212	3.151	7.9	18.9
5 11	16 10.55	−21 6.1	2.165	3.154	4.5	18.7
5 21	16 2.49	−20 23.5	2.145	3.157	0.8	18.4
5 31	15 54.31	−19 39.0	2.155	3.160	2.9	18.6
6 10	15 46.87	−18 56.2	2.192	3.162	6.5	18.8
6 20	15 40.81	−18 18.3	2.255	3.165	9.7	19.0
6 30	15 36.61	−17 47.8	2.340	3.167	12.5	19.2

246957 1999 SA_4 5 23.2 283°.49 5°.4/20.0 18

4 21	16 23.00	− 9 40.8	1.831	2.708	12.7	20.2
5 1	16 17.95	− 8 28.3	1.748	2.688	9.6	20.0
5 11	16 10.91	− 7 16.5	1.688	2.668	6.6	19.8
5 21	16 2.58	− 6 10.9	1.654	2.647	5.4	19.6
5 31	15 53.91	− 5 16.8	1.647	2.626	7.2	19.7
6 10	15 45.90	− 4 38.8	1.665	2.606	10.5	19.9
6 20	15 39.42	− 4 19.1	1.706	2.585	14.0	20.0
6 30	15 35.11	− 4 18.2	1.767	2.564	17.0	20.2

352037 2006 VU_{84} 5 23.2 208°.10 3°.2/25.2 17

4 21	16 24.96	−32 17.6	2.545	3.379	11.0	21.6
5 1	16 19.00	−32 18.1	2.461	3.375	8.5	21.4
5 11	16 11.34	−32 7.5	2.402	3.371	5.7	21.2
5 21	16 2.65	−31 45.1	2.369	3.366	3.5	21.0
5 31	15 53.77	−31 11.8	2.365	3.362	3.8	21.1
6 10	15 45.57	−30 30.5	2.389	3.357	6.2	21.2
6 20	15 38.76	−29 45.1	2.440	3.352	9.0	21.4
6 30	15 33.88	−28 59.8	2.514	3.346	11.5	21.5

61346 2000 PD_8 5 23.2 257°.67 2°.2/24.2 18

4 21	16 28.13	−27 7.4	2.143	2.993	12.1	20.1
5 1	16 21.72	−27 17.3	2.043	2.971	9.1	19.8
5 11	16 13.11	−27 18.5	1.967	2.948	5.7	19.6
5 21	16 3.02	−27 10.0	1.917	2.924	2.6	19.3
5 31	15 52.41	−26 52.1	1.896	2.900	3.6	19.3
6 10	15 42.39	−26 27.4	1.903	2.874	7.3	19.5
6 20	15 33.93	−25 59.5	1.936	2.849	10.9	19.7
6 30	15 27.76	−25 32.9	1.991	2.822	14.2	19.9

147216 2002 XC_6 5 23.2 178°.13 3°.0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.92	−13 24.5	1.860	2.731	12.8	20.3
5 1	16 20.63	−13 5.1	1.791	2.732	9.3	20.1
5 11	16 12.34	−12 46.8	1.746	2.733	5.6	19.8
5 21	16 2.84	−12 31.9	1.728	2.734	3.0	19.7
5 31	15 53.14	−12 22.9	1.737	2.734	4.9	19.8
6 10	15 44.27	−12 21.9	1.773	2.734	8.6	20.0
6 20	15 37.07	−12 30.1	1.834	2.733	12.1	20.2
6 30	15 32.13	−12 48.2	1.915	2.732	15.2	20.4

332694 2009 QM_{56} 5 23.2 59°.50 3°.0/22.0 18

4 21	16 26.10	−15 8.7	1.438	2.324	15.0	19.4
5 1	16 20.24	−14 34.9	1.393	2.342	10.8	19.1
5 11	16 12.13	−14 0.9	1.369	2.360	6.3	18.9
5 21	16 2.80	−13 30.2	1.371	2.378	3.0	18.8
5 31	15 53.48	−13 6.4	1.398	2.397	5.4	19.0
6 10	15 45.38	−12 52.7	1.450	2.416	9.5	19.2
6 20	15 39.35	−12 50.8	1.524	2.435	13.4	19.5
6 30	15 35.93	−13 1.2	1.618	2.454	16.7	19.8

80063 1999 JR_{88} 5 23.2 321°.52 2°.1/22.5 18

4 21	16 24.55	−14 9.3	1.830	2.706	12.7	18.8
5 1	16 19.15	−14 20.1	1.749	2.693	9.3	18.6
5 11	16 11.65	−14 33.3	1.691	2.681	5.5	18.3
5 21	16 2.76	−14 49.7	1.660	2.668	2.3	18.1
5 31	15 53.48	−15 10.5	1.655	2.657	4.3	18.2
6 10	15 44.87	−15 36.5	1.677	2.645	8.3	18.4
6 20	15 37.86	−16 8.2	1.723	2.635	12.1	18.6
6 30	15 33.11	−16 46.3	1.791	2.624	15.4	18.8

323378 2003 XG_4 5 23.2 170°.15 3°.1/21.9 17

4 21	16 27.82	−13 14.9	1.812	2.682	13.1	21.4
5 1	16 21.31	−12 53.2	1.745	2.686	9.5	21.2
5 11	16 12.75	−12 32.8	1.702	2.688	5.8	21.0
5 21	16 2.95	−12 15.9	1.685	2.691	3.1	20.8
5 31	15 52.96	−12 5.3	1.696	2.692	5.1	20.9
6 10	15 43.86	−12 3.2	1.734	2.694	8.8	21.1
6 20	15 36.48	−12 10.9	1.796	2.694	12.4	21.4
6 30	15 31.43	−12 28.8	1.879	2.694	15.5	21.6

506631 2006 KZ_{54} 5 23.2 210°.86 1°.2/22.7 17

4 21	16 25.30	−17 18.0	2.104	2.973	11.6	21.4
5 1	16 19.38	−17 13.8	2.028	2.970	8.4	21.2
5 11	16 11.63	−17 8.1	1.977	2.967	4.8	21.0
5 21	16 2.75	−17 2.0	1.953	2.963	1.4	20.7
5 31	15 53.63	−16 56.9	1.957	2.960	3.5	20.9
6 10	15 45.21	−16 54.9	1.989	2.956	7.3	21.1
6 20	15 38.26	−16 57.7	2.045	2.952	10.7	21.3
6 30	15 33.34	−17 6.7	2.124	2.948	13.7	21.5

470099 2006 TT_{33} 5 23.2 186°.85 3°.4/20.7 18

4 21	16 21.86	−11 34.1	2.583	3.449	9.8	21.9
5 1	16 16.52	−10 33.7	2.512	3.449	7.2	21.7
5 11	16 9.85	− 9 33.9	2.467	3.448	4.7	21.6
5 21	16 2.41	− 8 37.9	2.450	3.447	3.4	21.5
5 31	15 54.88	− 7 49.1	2.462	3.446	4.9	21.6
6 10	15 47.93	− 7 10.3	2.502	3.444	7.4	21.7
6 20	15 42.12	− 6 43.2	2.568	3.442	10.0	21.9
6 30	15 37.86	− 6 28.6	2.655	3.439	12.3	22.0

162381 2000 AM_{226} 5 23.2 327°.86 1°.8/24.1 18

4 21	16 24.99	−26 22.9	1.874	2.737	13.0	19.9
5 1	16 19.42	−26 17.3	1.800	2.735	9.7	19.7
5 11	16 11.75	−26 2.1	1.749	2.734	5.9	19.5
5 21	16 2.79	−25 37.3	1.724	2.733	2.2	19.2
5 31	15 53.59	−25 4.9	1.726	2.731	3.5	19.3
6 10	15 45.26	−24 28.6	1.755	2.730	7.4	19.5
6 20	15 38.68	−23 52.6	1.808	2.729	11.1	19.8
6 30	15 34.45	−23 21.2	1.883	2.728	14.3	20.0

468447 2003 EW_{15} 5 23.2 85°.38 4°.9/21.3 18

4 21	16 27.81	− 8 59.0	1.724	2.594	13.6	21.6
5 1	16 21.05	− 8 22.9	1.684	2.621	10.1	21.5
5 11	16 12.44	− 7 52.5	1.668	2.647	6.7	21.3
5 21	16 2.88	− 7 31.1	1.677	2.673	4.9	21.3
5 31	15 53.41	− 7 21.5	1.714	2.699	6.4	21.4
6 10	15 45.05	− 7 25.2	1.777	2.724	9.5	21.7
6 20	15 38.50	− 7 42.0	1.863	2.749	12.6	21.9
6 30	15 34.24	− 8 10.8	1.970	2.773	15.3	22.1

336211 2008 SH_{44} 5 23.2 294°.46 5°.0/20.4 16

4 21	16 23.41	−11 43.2	1.705	2.586	13.2	20.8
5 1	16 18.49	−10 30.4	1.613	2.558	9.9	20.5
5 11	16 11.37	− 9 15.6	1.545	2.529	6.6	20.3
5 21	16 2.75	− 8 4.2	1.503	2.501	5.0	20.1
5 31	15 53.64	− 7 2.3	1.487	2.473	7.1	20.2
6 10	15 45.19	− 6 15.5	1.496	2.444	10.9	20.3
6 20	15 38.35	− 5 47.0	1.527	2.415	14.8	20.5
6 30	15 33.88	− 5 38.3	1.578	2.387	18.2	20.6

124880 2001 TZ_{38} 5 23.2 139°.41 2°.6/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.10	−29 35.2	2.351	3.190	11.6	21.4
5 1	16 21.93	−29 38.4	2.285	3.205	8.7	21.2
5 11	16 12.98	−29 31.4	2.243	3.219	5.6	21.0
5 21	16 3.01	−29 13.6	2.229	3.232	2.9	20.9
5 31	15 52.96	−28 46.2	2.244	3.245	3.5	20.9
6 10	15 43.78	−28 12.4	2.288	3.257	6.4	21.2
6 20	15 36.19	−27 35.9	2.358	3.268	9.3	21.4
6 30	15 30.71	−27 0.9	2.452	3.279	12.0	21.6

354738 2005 SV_{287} 5 23.2 103°.41 3°.2/21.7 18

4 21	16 23.36	−10 3.5	2.441	3.305	10.4	21.1
5 1	16 17.65	− 9 55.1	2.378	3.313	7.6	20.9
5 11	16 10.51	− 9 50.3	2.340	3.322	4.9	20.8
5 21	16 2.56	− 9 50.8	2.330	3.330	3.2	20.7
5 31	15 54.50	− 9 57.9	2.348	3.338	4.5	20.8
6 10	15 47.07	−10 12.6	2.394	3.346	7.2	20.9
6 20	15 40.87	−10 35.1	2.466	3.354	9.9	21.1
6 30	15 36.34	−11 5.1	2.560	3.362	12.2	21.3

13317 1998 RQ_{77} 5 23.2 269°.95 0°.9/23.8 18

4 21	16 20.47	−24 23.5	3.340	4.191	8.2	19.2
5 1	16 15.48	−24 26.2	3.245	4.175	6.0	19.0
5 11	16 9.29	−24 24.5	3.175	4.159	3.6	18.8
5 21	16 2.34	−24 18.5	3.133	4.143	1.2	18.6
5 31	15 55.19	−24 8.8	3.122	4.126	2.2	18.7
6 10	15 48.42	−23 57.0	3.139	4.110	4.7	18.9
6 20	15 42.53	−23 44.7	3.183	4.093	7.2	19.0
6 30	15 37.95	−23 33.7	3.252	4.076	9.4	19.1

250443 2003 YA_{52} 5 23.2 121°.85 1°.0/23.7 17

4 21	16 28.84	−24 31.7	1.748	2.612	13.8	21.1
5 1	16 22.11	−24 17.1	1.688	2.625	10.1	20.9
5 11	16 13.21	−23 53.4	1.651	2.638	5.9	20.7
5 21	16 3.06	−23 21.6	1.640	2.650	1.6	20.4
5 31	15 52.84	−22 44.3	1.656	2.662	3.5	20.6
6 10	15 43.71	−22 5.7	1.700	2.674	7.7	20.8
6 20	15 36.54	−21 30.2	1.768	2.685	11.6	21.1
6 30	15 31.90	−21 1.7	1.858	2.695	14.8	21.3

384497 2010 CM_{85} 5 23.2 225°.93 2°.7/21.8 17

4 21	16 24.29	−14 7.3	2.121	2.991	11.5	21.5
5 1	16 18.62	−13 34.9	2.043	2.984	8.4	21.3
5 11	16 11.20	−13 2.1	1.990	2.977	5.0	21.1
5 21	16 2.70	−12 31.5	1.964	2.969	2.7	20.9
5 31	15 53.98	−12 5.9	1.966	2.961	4.6	21.0
6 10	15 45.93	−11 48.1	1.995	2.953	7.9	21.2
6 20	15 39.29	−11 39.8	2.049	2.945	11.2	21.4
6 30	15 34.60	−11 42.1	2.125	2.936	14.1	21.6

432012 2008 UY_{360} 5 23.2 177°.04 0°.5/23.4 18

4 21	16 27.91	−21 31.0	2.326	3.182	11.1	21.3
5 1	16 21.16	−21 49.6	2.249	3.183	8.1	21.1
5 11	16 12.62	−22 4.5	2.198	3.185	4.6	20.9
5 21	16 2.97	−22 15.3	2.175	3.186	1.1	20.7
5 31	15 53.07	−22 22.4	2.181	3.186	2.9	20.8
6 10	15 43.84	−22 27.2	2.216	3.186	6.5	21.0
6 20	15 36.05	−22 31.6	2.277	3.186	9.7	21.2
6 30	15 30.25	−22 37.8	2.362	3.184	12.5	21.4

238810 2005 MY_{29} 5 23.2 206°.73 0°.6/23.6 17

4 21	16 23.28	−24 13.3	2.340	3.200	10.9	21.0
5 1	16 17.80	−23 50.5	2.262	3.198	8.0	20.8
5 11	16 10.68	−23 20.5	2.209	3.196	4.6	20.5
5 21	16 2.60	−22 44.3	2.183	3.194	1.1	20.3
5 31	15 54.37	−22 4.1	2.186	3.191	2.8	20.4
6 10	15 46.82	−21 23.3	2.217	3.189	6.3	20.6
6 20	15 40.63	−20 45.2	2.273	3.187	9.5	20.8
6 30	15 36.31	−20 12.8	2.353	3.184	12.3	21.0

54416 2000 LR_{14} 5 23.2 6°.06 1°.8/22.6 18

4 21	16 25.52	−16 48.0	1.480	2.364	14.7	18.6
5 1	16 20.10	−16 39.2	1.416	2.364	10.6	18.4
5 11	16 12.26	−16 29.0	1.373	2.365	6.1	18.1
5 21	16 2.91	−16 19.3	1.355	2.365	2.0	17.9
5 31	15 53.30	−16 12.4	1.363	2.367	4.6	18.0
6 10	15 44.69	−16 11.1	1.396	2.368	9.2	18.3
6 20	15 38.10	−16 17.3	1.451	2.370	13.5	18.6
6 30	15 34.19	−16 32.7	1.526	2.372	17.1	18.8

377392 2004 RN_{336} 5 23.2 172°.34 0°.3/23.4 17

4 21	16 25.89	−22 52.5	2.085	2.948	11.9	22.0
5 1	16 19.81	−22 35.6	2.012	2.950	8.7	21.8
5 11	16 11.87	−22 12.1	1.964	2.952	5.0	21.5
5 21	16 2.83	−21 42.9	1.942	2.953	1.0	21.2
5 31	15 53.61	−21 10.3	1.949	2.954	3.1	21.4
6 10	15 45.20	−20 37.6	1.983	2.955	6.9	21.7
6 20	15 38.36	−20 8.1	2.043	2.955	10.4	21.9
6 30	15 33.63	−19 44.9	2.125	2.955	13.4	22.1

12929 1999 TZ_1 5 23.2 280°.93 6°.4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 15.74	+12 5.4	4.433	5.222	7.4	17.3
5 1	16 11.76	+13 20.1	4.382	5.219	6.7	17.2
5 11	16 7.06	+14 25.5	4.356	5.216	6.4	17.2
5 21	16 1.93	+15 18.9	4.356	5.213	6.5	17.2
5 31	15 56.72	+15 58.5	4.381	5.210	7.0	17.2
6 10	15 51.80	+16 23.5	4.430	5.207	7.8	17.3
6 20	15 47.48	+16 34.1	4.500	5.204	8.7	17.3
6 30	15 44.02	+16 31.2	4.589	5.201	9.5	17.4

438836 2009 BR_{104} 5 23.2 77°.79 2°.2/22.1 17

4 21	16 23.81	−15 17.8	2.013	2.887	11.8	21.7
5 1	16 18.20	−14 52.7	1.956	2.899	8.5	21.6
5 11	16 10.90	−14 27.2	1.922	2.911	5.0	21.4
5 21	16 2.64	−14 3.5	1.915	2.923	2.3	21.2
5 31	15 54.31	−13 44.1	1.936	2.935	4.2	21.3
6 10	15 46.81	−13 31.5	1.984	2.947	7.6	21.6
6 20	15 40.81	−13 27.1	2.057	2.960	10.9	21.8
6 30	15 36.80	−13 31.9	2.151	2.972	13.6	22.0

356675 2011 UZ_{89} 5 23.2 241°.71 0°.8/22.7 18

4 21	16 22.53	−19 39.0	2.562	3.426	10.0	21.9
5 1	16 17.16	−19 9.0	2.475	3.414	7.2	21.7
5 11	16 10.31	−18 34.9	2.413	3.402	4.1	21.4
5 21	16 2.55	−17 58.1	2.379	3.390	1.0	21.2
5 31	15 54.59	−17 21.1	2.375	3.378	3.0	21.3
6 10	15 47.18	−16 46.7	2.399	3.365	6.3	21.5
6 20	15 40.94	−16 17.5	2.449	3.352	9.3	21.7
6 30	15 36.36	−15 55.5	2.522	3.339	12.0	21.9

504518 2008 RP_{15} 5 23.2 216°.80 0°.2/23.3 18

4 21	16 25.71	−22 38.6	2.388	3.246	10.8	22.3
5 1	16 19.57	−22 19.3	2.302	3.237	7.9	22.1
5 11	16 11.72	−21 53.8	2.240	3.228	4.5	21.9
5 21	16 2.82	−21 23.0	2.206	3.218	0.9	21.6
5 31	15 53.69	−20 48.9	2.202	3.207	2.9	21.7
6 10	15 45.19	−20 14.5	2.226	3.196	6.4	22.0
6 20	15 38.04	−19 42.9	2.276	3.184	9.7	22.1
6 30	15 32.79	−19 16.9	2.350	3.172	12.6	22.3

117761 2005 GK_{65} 5 23.2 320°.56 1°.1/22.7 18

4 21	16 24.08	−18 15.1	1.947	2.821	12.2	20.0
5 1	16 18.62	−18 2.2	1.875	2.819	8.8	19.8
5 11	16 11.27	−17 46.5	1.827	2.818	5.0	19.6
5 21	16 2.75	−17 29.5	1.805	2.816	1.3	19.3
5 31	15 54.02	−17 13.5	1.811	2.815	3.6	19.5
6 10	15 46.05	−17 0.9	1.843	2.813	7.6	19.7
6 20	15 39.63	−16 54.0	1.900	2.812	11.2	19.9
6 30	15 35.35	−16 54.6	1.979	2.810	14.2	20.1

153861 2001 XL_{69} 5 23.2 168°.48 1°.9/22.3 17

4 21	16 25.61	−17 16.4	1.822	2.696	12.8	20.0
5 1	16 19.76	−16 45.3	1.753	2.698	9.3	19.8
5 11	16 11.91	−16 11.3	1.709	2.699	5.3	19.6
5 21	16 2.87	−15 36.8	1.691	2.700	2.0	19.3
5 31	15 53.64	−15 5.2	1.700	2.701	4.3	19.5
6 10	15 45.29	−14 39.7	1.736	2.702	8.2	19.7
6 20	15 38.63	−14 23.1	1.796	2.702	11.9	20.0
6 30	15 34.24	−14 17.0	1.877	2.703	15.1	20.2

415065 2012 BH_{53} 5 23.2 219°.65 2°.8/22.1 17

4 21	16 27.63	−14 49.6	1.763	2.636	13.3	21.7
5 1	16 21.37	−14 21.1	1.686	2.629	9.7	21.5
5 11	16 12.92	−13 51.8	1.633	2.621	5.8	21.2
5 21	16 3.07	−13 24.2	1.606	2.613	2.8	21.0
5 31	15 52.91	−13 1.6	1.606	2.604	5.0	21.1
6 10	15 43.57	−12 46.9	1.633	2.595	9.0	21.3
6 20	15 35.98	−12 42.5	1.683	2.585	12.9	21.6
6 30	15 30.81	−12 49.5	1.755	2.574	16.3	21.8

98599 2000 WU_{60} 5 23.2 274°.22 4°.7/21.6 18

4 21	16 26.80	−10 54.2	1.512	2.392	14.6	18.5
5 1	16 21.15	−10 24.4	1.432	2.376	11.0	18.2
5 11	16 12.97	− 9 57.9	1.375	2.360	7.1	18.0
5 21	16 3.11	− 9 38.3	1.342	2.344	4.7	17.8
5 31	15 52.74	− 9 29.5	1.335	2.327	6.7	17.9
6 10	15 43.20	− 9 34.4	1.352	2.311	10.9	18.1
6 20	15 35.57	− 9 53.9	1.392	2.294	15.1	18.3
6 30	15 30.64	−10 28.0	1.451	2.277	18.7	18.5

475115 2005 UQ_{269} 5 23.2 128°.45 2°.2/21.8 17

4 21	16 21.70	−15 28.5	2.420	3.290	10.2	21.8
5 1	16 16.51	−14 47.9	2.352	3.294	7.4	21.6
5 11	16 9.91	−14 6.1	2.310	3.298	4.4	21.4
5 21	16 2.49	−13 25.5	2.295	3.301	2.2	21.3
5 31	15 54.99	−12 48.9	2.309	3.305	3.9	21.4
6 10	15 48.12	−12 19.1	2.350	3.309	6.9	21.6
6 20	15 42.47	−11 57.9	2.417	3.312	9.7	21.8
6 30	15 38.49	−11 46.5	2.506	3.316	12.2	21.9

499643 2010 VB_{49} 5 23.2 233°.81 4°.0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.02	−30 24.0	1.764	2.614	14.4	22.0
5 1	16 23.47	−30 48.8	1.681	2.605	11.0	21.8
5 11	16 14.29	−31 1.4	1.621	2.596	7.4	21.6
5 21	16 3.35	−30 59.4	1.586	2.587	4.3	21.3
5 31	15 51.93	−30 42.6	1.578	2.577	4.9	21.4
6 10	15 41.42	−30 14.1	1.596	2.566	8.4	21.5
6 20	15 32.94	−29 39.0	1.638	2.556	12.3	21.7
6 30	15 27.28	−29 3.3	1.701	2.544	15.7	21.9

232117 2001 YN_{88} 5 23.2 189°.38 0°.6/23.6 17

4 21	16 26.72	−23 33.6	2.097	2.957	12.0	20.9
5 1	16 20.46	−23 21.4	2.020	2.956	8.8	20.7
5 11	16 12.29	−23 2.2	1.967	2.955	5.1	20.4
5 21	16 2.96	−22 36.5	1.942	2.953	1.2	20.2
5 31	15 53.41	−22 6.4	1.945	2.951	3.1	20.3
6 10	15 44.65	−21 35.0	1.976	2.948	7.0	20.5
6 20	15 37.47	−21 5.8	2.033	2.945	10.5	20.8
6 30	15 32.45	−20 42.1	2.112	2.942	13.5	20.9

390542 1999 VV_{91} 5 23.2 254°.09 5°.0/25.0 18

4 21	16 30.73	−34 9.9	2.243	3.068	12.6	21.1
5 1	16 23.78	−34 55.5	2.144	3.048	10.0	20.9
5 11	16 14.44	−35 29.9	2.069	3.027	7.3	20.7
5 21	16 3.40	−35 49.7	2.020	3.007	5.3	20.6
5 31	15 51.73	−35 53.2	1.999	2.985	5.5	20.5
6 10	15 40.64	−35 41.7	2.006	2.963	7.9	20.6
6 20	15 31.20	−35 19.0	2.038	2.941	10.9	20.8
6 30	15 24.23	−34 50.4	2.092	2.917	13.8	20.9

125189 2001 UH_{121} 5 23.2 96°.44 1°.5/22.6 17

4 21	16 27.07	−20 7.7	1.362	2.246	15.7	19.4
5 1	16 21.32	−19 19.5	1.301	2.250	11.3	19.1
5 11	16 12.97	−18 23.6	1.262	2.254	6.4	18.9
5 21	16 3.09	−17 23.6	1.247	2.258	1.7	18.6
5 31	15 53.04	−16 25.1	1.257	2.261	4.8	18.8
6 10	15 44.22	−15 34.0	1.293	2.265	9.8	19.1
6 20	15 37.65	−14 55.3	1.351	2.269	14.3	19.3
6 30	15 33.97	−14 31.7	1.428	2.273	18.1	19.6

343408 2010 CO_{176} 5 23.2 224°.82 5°.9/26.1 18

4 21	16 28.66	−37 20.2	2.049	2.870	13.7	21.3
5 1	16 22.26	−37 46.3	1.969	2.866	11.1	21.1
5 11	16 13.48	−37 56.4	1.910	2.862	8.3	21.0
5 21	16 3.19	−37 47.7	1.877	2.858	6.2	20.8
5 31	15 52.56	−37 19.9	1.870	2.853	6.2	20.8
6 10	15 42.85	−36 36.2	1.889	2.848	8.3	20.9
6 20	15 35.05	−35 42.2	1.934	2.843	11.1	21.1
6 30	15 29.86	−34 44.5	2.000	2.838	13.9	21.3

378310 2007 FB_{27} 5 23.2 233°.92 2°.5/21.9 17

4 21	16 24.85	−15 52.0	1.828	2.703	12.7	21.4
5 1	16 19.26	−15 13.5	1.754	2.699	9.2	21.2
5 11	16 11.67	−14 32.9	1.705	2.694	5.4	21.0
5 21	16 2.85	−13 53.0	1.681	2.689	2.6	20.8
5 31	15 53.80	−13 17.6	1.685	2.684	4.7	20.9
6 10	15 45.56	−12 50.1	1.715	2.678	8.6	21.1
6 20	15 38.96	−12 33.2	1.770	2.673	12.3	21.3
6 30	15 34.60	−12 28.3	1.844	2.667	15.5	21.5

391067 2005 UO_{87} 5 23.2 284°.51 2°.3/21.8 16

4 21	16 21.56	−15 51.7	2.250	3.123	10.8	20.8
5 1	16 16.60	−15 8.8	2.172	3.115	7.8	20.6
5 11	16 10.05	−14 23.7	2.119	3.107	4.6	20.4
5 21	16 2.54	−13 39.3	2.093	3.100	2.3	20.2
5 31	15 54.86	−12 58.7	2.095	3.092	4.1	20.3
6 10	15 47.80	−12 25.0	2.124	3.085	7.4	20.5
6 20	15 42.02	−12 0.6	2.179	3.077	10.5	20.7
6 30	15 38.04	−11 47.0	2.255	3.070	13.3	20.9

233442 2006 HR_{79} 5 23.2 304°.80 1°.1/22.7 17

4 21	16 23.67	−19 22.8	1.820	2.697	12.8	20.5
5 1	16 18.47	−18 54.6	1.745	2.690	9.2	20.3
5 11	16 11.25	−18 21.5	1.693	2.684	5.2	20.0
5 21	16 2.78	−17 45.8	1.667	2.678	1.3	19.7
5 31	15 54.05	−17 10.4	1.668	2.672	3.8	19.9
6 10	15 46.13	−16 39.2	1.695	2.666	8.0	20.1
6 20	15 39.85	−16 15.3	1.746	2.660	11.8	20.4
6 30	15 35.82	−16 1.3	1.819	2.654	15.1	20.6

32727 4268 $T\text{-}_3$ 5 23.2 92°.60 0°.4/23.1 18

4 21	16 32.11	−19 15.0	1.417	2.292	15.8	19.4
5 1	16 24.78	−19 29.0	1.367	2.311	11.4	19.2
5 11	16 14.85	−19 39.6	1.340	2.331	6.4	19.0
5 21	16 3.43	−19 46.6	1.338	2.350	1.2	18.7
5 31	15 51.95	−19 51.2	1.363	2.369	4.1	18.9
6 10	15 41.83	−19 56.0	1.413	2.387	9.0	19.2
6 20	15 34.08	−20 3.4	1.487	2.405	13.2	19.5
6 30	15 29.31	−20 15.9	1.581	2.422	16.8	19.8

158356 2001 XS_{118} 5 23.2 219°.64 0°.8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.14	−18 27.5	2.436	3.295	10.6	20.4
5 1	16 20.60	−18 19.9	2.347	3.283	7.7	20.2
5 11	16 12.34	−18 9.6	2.283	3.271	4.4	20.0
5 21	16 2.99	−17 57.6	2.247	3.258	1.1	19.7
5 31	15 53.34	−17 45.2	2.241	3.244	3.1	19.8
6 10	15 44.25	−17 34.6	2.264	3.230	6.6	20.0
6 20	15 36.47	−17 27.7	2.313	3.214	9.9	20.2
6 30	15 30.54	−17 26.3	2.386	3.198	12.7	20.4

502746 2015 DX_{45} 5 23.2 188°.51 0°.9/22.8 18

4 21	16 27.15	−18 35.4	2.205	3.067	11.4	22.2
5 1	16 20.66	−18 26.7	2.128	3.067	8.2	21.9
5 11	16 12.37	−18 15.1	2.077	3.065	4.7	21.7
5 21	16 2.98	−18 1.7	2.052	3.063	1.1	21.5
5 31	15 53.38	−17 48.2	2.057	3.061	3.3	21.6
6 10	15 44.49	−17 36.8	2.091	3.058	7.0	21.8
6 20	15 37.05	−17 29.7	2.150	3.054	10.4	22.0
6 30	15 31.64	−17 28.7	2.231	3.050	13.3	22.2

39344 2002 AC_{60} 5 23.2 176°.62 6°.0/19.3 18

4 21	16 21.73	+ 0 14.3	2.817	3.660	9.8	20.0
5 1	16 16.35	+ 0 57.3	2.754	3.661	7.9	19.9
5 11	16 9.77	+ 1 31.8	2.717	3.663	6.4	19.8
5 21	16 2.50	+ 1 55.1	2.707	3.664	6.0	19.8
5 31	15 55.14	+ 2 4.7	2.724	3.664	6.9	19.8
6 10	15 48.29	+ 1 59.8	2.767	3.664	8.6	19.9
6 20	15 42.47	+ 1 40.8	2.835	3.664	10.5	20.0
6 30	15 38.06	+ 1 8.8	2.923	3.664	12.2	20.2

249617 1999 TP_{21} 5 23.2 235°.33 1°.4/23.9 18

4 21	16 25.01	−25 22.8	2.917	3.763	9.4	21.0
5 1	16 18.94	−25 39.8	2.823	3.750	7.0	20.8
5 11	16 11.37	−25 51.7	2.755	3.736	4.2	20.6
5 21	16 2.83	−25 57.9	2.715	3.722	1.7	20.4
5 31	15 53.99	−25 58.5	2.705	3.708	2.6	20.5
6 10	15 45.60	−25 55.0	2.724	3.693	5.4	20.7
6 20	15 38.31	−25 49.2	2.770	3.678	8.2	20.8
6 30	15 32.62	−25 43.5	2.841	3.663	10.6	21.0

199670 2006 GM_{54} 5 23.2 195°.63 0°.5/23.5 18

4 21	16 25.89	−22 43.0	2.404	3.261	10.8	21.2
5 1	16 19.69	−22 37.8	2.324	3.258	7.8	21.1
5 11	16 11.81	−22 27.0	2.268	3.255	4.5	20.8
5 21	16 2.90	−22 11.3	2.241	3.252	1.0	20.6
5 31	15 53.78	−21 52.0	2.243	3.248	2.8	20.7
6 10	15 45.31	−21 31.6	2.273	3.243	6.3	20.9
6 20	15 38.19	−21 12.5	2.329	3.238	9.5	21.1
6 30	15 32.96	−20 57.6	2.409	3.233	12.2	21.3

273746 2007 ET_{126} 5 23.2 353°.29 0°.4/23.1 17

4 21	16 23.64	−20 54.6	1.363	2.252	15.4	20.4
5 1	16 19.01	−20 39.1	1.297	2.248	11.2	20.1
5 11	16 11.78	−20 17.0	1.252	2.245	6.4	19.8
5 21	16 2.92	−19 50.0	1.230	2.242	1.2	19.5
5 31	15 53.74	−19 21.3	1.234	2.240	4.2	19.7
6 10	15 45.63	−18 55.3	1.261	2.239	9.3	20.0
6 20	15 39.67	−18 36.2	1.311	2.239	13.9	20.2
6 30	15 36.56	−18 26.9	1.380	2.240	17.7	20.5

466112 2012 DB_{29} 5 23.2 51°.63 0°.5/23.4 16

4 21	16 27.93	−21 53.0	1.320	2.203	16.2	21.4
5 1	16 21.96	−21 58.7	1.271	2.219	11.7	21.2
5 11	16 13.34	−21 57.7	1.244	2.235	6.7	20.9
5 21	16 3.19	−21 50.3	1.240	2.251	1.4	20.6
5 31	15 52.95	−21 38.6	1.261	2.268	4.1	20.9
6 10	15 44.07	−21 26.2	1.307	2.285	9.0	21.2
6 20	15 37.57	−21 16.9	1.376	2.303	13.4	21.5
6 30	15 34.04	−21 14.0	1.464	2.320	17.1	21.8

56895 2000 QS_{149} 5 23.2 288°.50 4°.7/20.5 17

4 21	16 21.80	− 9 3.1	2.090	2.963	11.5	19.3
5 1	16 16.88	− 8 11.6	2.013	2.951	8.7	19.1
5 11	16 10.28	− 7 23.0	1.961	2.939	6.0	18.9
5 21	16 2.64	− 6 41.0	1.935	2.928	4.7	18.8
5 31	15 54.77	− 6 9.6	1.936	2.916	6.2	18.8
6 10	15 47.53	− 5 51.3	1.963	2.905	9.1	19.0
6 20	15 41.61	− 5 47.6	2.013	2.893	12.1	19.2
6 30	15 37.57	− 5 58.3	2.085	2.882	14.8	19.3

423559 2005 UD_{357} 5 23.2 85°.69 4°.1/21.5 17

4 21	16 26.24	−11 28.2	1.730	2.605	13.4	21.3
5 1	16 20.08	−10 50.1	1.682	2.624	9.8	21.2
5 11	16 12.03	−10 15.2	1.658	2.642	6.2	21.0
5 21	16 2.95	− 9 46.6	1.659	2.660	4.1	20.9
5 31	15 53.87	− 9 27.7	1.688	2.678	5.8	21.0
6 10	15 45.81	− 9 20.7	1.742	2.696	9.2	21.3
6 20	15 39.51	− 9 26.2	1.820	2.714	12.5	21.5
6 30	15 35.47	− 9 44.0	1.918	2.731	15.3	21.7

42709 1998 QM_{17} 5 23.3 323°.69 2°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.93	−15 0.6	1.552	2.439	14.0	18.2
5 1	16 18.29	−14 35.7	1.475	2.424	10.2	17.9
5 11	16 11.34	−14 10.2	1.420	2.410	6.1	17.6
5 21	16 2.87	−13 46.9	1.389	2.397	2.9	17.4
5 31	15 53.99	−13 29.2	1.384	2.384	5.2	17.5
6 10	15 45.93	−13 20.4	1.403	2.371	9.6	17.7
6 20	15 39.66	−13 22.6	1.445	2.360	13.8	18.0
6 30	15 35.93	−13 37.0	1.506	2.349	17.4	18.2

86248 1999 TT_{154} 5 23.3 200°.29 0°.2/23.2 18

4 21	16 23.02	−20 27.7	2.876	3.733	9.2	20.4
5 1	16 17.41	−20 23.5	2.794	3.730	6.6	20.2
5 11	16 10.45	−20 16.2	2.738	3.727	3.7	20.0
5 21	16 2.67	−20 6.3	2.711	3.723	0.7	19.7
5 31	15 54.73	−19 55.1	2.713	3.718	2.4	19.9
6 10	15 47.28	−19 44.1	2.745	3.714	5.4	20.1
6 20	15 40.91	−19 35.3	2.803	3.709	8.2	20.3
6 30	15 36.05	−19 30.1	2.885	3.703	10.6	20.4

212425 2006 MQ_{13} 5 23.3 13°.59 1°.7/23.7 17

4 21	16 25.37	−23 38.7	1.069	1.965	18.1	19.8
5 1	16 20.81	−23 56.9	1.014	1.967	13.3	19.6
5 11	16 13.02	−24 5.9	0.979	1.971	7.9	19.3
5 21	16 3.19	−24 5.0	0.965	1.976	2.4	19.0
5 31	15 53.02	−23 55.5	0.974	1.982	4.7	19.1
6 10	15 44.29	−23 41.9	1.006	1.989	10.3	19.5
6 20	15 38.30	−23 29.3	1.057	1.997	15.3	19.8
6 30	15 35.80	−23 22.2	1.126	2.006	19.6	20.1

465271 2007 TF_{107} 5 23.3 137°.47 10°.0/28.2 16

4 21	16 42.36	−48 44.8	2.121	2.868	15.7	22.5
5 1	16 32.64	−49 59.4	2.060	2.885	13.6	22.4
5 11	16 19.60	−50 50.9	2.020	2.901	11.7	22.3
5 21	16 4.42	−51 13.1	2.003	2.916	10.3	22.2
5 31	15 48.84	−51 3.3	2.010	2.930	10.1	22.2
6 10	15 34.69	−50 24.8	2.043	2.944	11.0	22.3
6 20	15 23.36	−49 25.0	2.099	2.956	12.6	22.4
6 30	15 15.64	−48 13.3	2.177	2.967	14.4	22.6

407807 2011 YP_{75} 5 23.3 193°.82 0°.8/22.9 17

4 21	16 29.68	−18 56.4	1.839	2.705	13.1	22.2
5 1	16 22.83	−18 49.4	1.763	2.703	9.5	21.9
5 11	16 13.77	−18 38.8	1.712	2.701	5.4	21.7
5 21	16 3.32	−18 25.7	1.686	2.698	1.2	21.4
5 31	15 52.57	−18 11.9	1.690	2.694	3.8	21.5
6 10	15 42.68	−18 0.1	1.720	2.689	8.1	21.8
6 20	15 34.58	−17 53.1	1.775	2.684	12.0	22.0
6 30	15 28.92	−17 53.1	1.852	2.678	15.3	22.2

494453 2016 UD_{144} 5 23.3 302°.76 2°.3/21.8 16

4 21	16 21.44	−16 11.3	2.180	3.054	11.0	21.4
5 1	16 16.57	−15 24.6	2.102	3.046	8.0	21.2
5 11	16 10.09	−14 35.3	2.049	3.038	4.7	21.0
5 21	16 2.62	−13 46.3	2.023	3.030	2.3	20.8
5 31	15 54.97	−13 1.1	2.025	3.023	4.2	20.9
6 10	15 47.96	−12 23.2	2.054	3.015	7.5	21.1
6 20	15 42.28	−11 55.0	2.108	3.008	10.8	21.3
6 30	15 38.43	−11 38.2	2.184	3.001	13.6	21.5

175596 2006 UM_{56} 5 23.3 329°.36 3°.6/25.1 18

4 21	16 23.37	−31 8.5	1.678	2.538	14.5	19.7
5 1	16 18.69	−31 0.6	1.595	2.525	11.1	19.4
5 11	16 11.59	−30 37.3	1.534	2.512	7.4	19.2
5 21	16 2.94	−29 58.0	1.497	2.500	4.1	18.9
5 31	15 53.91	−29 4.5	1.486	2.488	4.6	18.9
6 10	15 45.81	−28 1.9	1.500	2.477	8.2	19.1
6 20	15 39.65	−26 56.7	1.538	2.467	12.2	19.3
6 30	15 36.15	−25 55.3	1.597	2.457	15.7	19.5

321289 2009 FW_{21} 5 23.3 50°.55 2°.5/22.4 17

4 21	16 26.69	−16 51.1	1.227	2.119	16.5	20.7
5 1	16 21.11	−16 20.7	1.180	2.132	11.9	20.4
5 11	16 12.88	−15 48.1	1.154	2.146	6.8	20.2
5 21	16 3.14	−15 16.7	1.151	2.161	2.6	20.0
5 31	15 53.36	−14 50.7	1.173	2.176	5.4	20.2
6 10	15 44.96	−14 34.2	1.219	2.191	10.2	20.5
6 20	15 38.93	−14 29.5	1.286	2.207	14.6	20.8
6 30	15 35.87	−14 37.6	1.371	2.223	18.3	21.1

49504 1999 CA_{17} 5 23.3 140°.76 1°.7/22.5 18 R

4 21	16 27.54	−16 32.6	1.905	2.774	12.6	19.4
5 1	16 21.07	−16 19.3	1.841	2.782	9.1	19.2
5 11	16 12.67	−16 4.7	1.801	2.791	5.2	18.9
5 21	16 3.11	−15 50.3	1.789	2.798	1.8	18.7
5 31	15 53.42	−15 38.3	1.804	2.806	4.0	18.9
6 10	15 44.61	−15 31.1	1.846	2.812	7.9	19.1
6 20	15 37.48	−15 30.4	1.914	2.819	11.4	19.4
6 30	15 32.59	−15 37.7	2.002	2.825	14.4	19.6

303833 2005 ST_{139} 5 23.3 214°.78 0°.6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.68	−23 0.4	2.526	3.384	10.3	21.3
5 1	16 18.07	−22 57.9	2.445	3.380	7.5	21.1
5 11	16 10.91	−22 50.2	2.389	3.376	4.3	20.9
5 21	16 2.79	−22 37.8	2.361	3.372	1.1	20.7
5 31	15 54.47	−22 21.9	2.362	3.367	2.6	20.8
6 10	15 46.74	−22 4.6	2.391	3.362	5.9	21.0
6 20	15 40.24	−21 48.4	2.446	3.358	9.0	21.2
6 30	15 35.50	−21 35.5	2.525	3.353	11.6	21.3

314603 2006 BD_{28} 5 23.3 121°.68 1°.7/24.3 16

4 21	16 22.90	−27 6.1	2.551	3.402	10.4	22.0
5 1	16 17.49	−27 1.1	2.476	3.405	7.7	21.8
5 11	16 10.56	−26 48.4	2.425	3.407	4.7	21.6
5 21	16 2.72	−26 28.1	2.402	3.409	2.0	21.4
5 31	15 54.74	−26 1.6	2.408	3.412	2.8	21.5
6 10	15 47.40	−25 31.4	2.441	3.414	5.8	21.7
6 20	15 41.34	−25 0.6	2.501	3.416	8.7	21.9
6 30	15 37.04	−24 32.2	2.585	3.419	11.2	22.0

106751 2000 XL_4 5 23.3 199°.94 4°.0/25.7 18

4 21	16 25.23	−34 36.0	2.511	3.337	11.4	19.4
5 1	16 19.32	−34 39.8	2.430	3.335	8.9	19.2
5 11	16 11.66	−34 30.9	2.372	3.334	6.3	19.1
5 21	16 2.94	−34 8.6	2.341	3.332	4.3	18.9
5 31	15 54.03	−33 33.5	2.338	3.330	4.3	18.9
6 10	15 45.85	−32 48.8	2.363	3.327	6.5	19.1
6 20	15 39.13	−31 58.4	2.413	3.325	9.1	19.2
6 30	15 34.40	−31 7.1	2.488	3.323	11.6	19.4

365816 2011 SJ_{91} 5 23.3 175°.86 0°.2/23.2 16

4 21	16 29.09	−22 12.2	1.620	2.490	14.4	21.6
5 1	16 22.58	−21 41.9	1.550	2.492	10.5	21.4
5 11	16 13.68	−21 3.1	1.504	2.494	5.9	21.1
5 21	16 3.33	−20 17.9	1.483	2.495	1.1	20.8
5 31	15 52.77	−19 29.7	1.490	2.495	3.9	21.0
6 10	15 43.27	−18 43.6	1.523	2.495	8.6	21.3
6 20	15 35.82	−18 4.3	1.580	2.495	12.8	21.5
6 30	15 31.05	−17 35.5	1.657	2.494	16.3	21.8

94489 2001 UN_{33} 5 23.3 24°.49 6°.6/21.4 18

4 21	16 25.18	− 8 53.9	1.076	1.974	17.8	18.3
5 1	16 20.31	− 8 13.1	1.028	1.980	13.4	18.0
5 11	16 12.57	− 7 40.4	1.001	1.986	9.0	17.8
5 21	16 3.13	− 7 21.7	0.994	1.993	6.6	17.7
5 31	15 53.50	− 7 21.3	1.010	2.001	8.7	17.8
6 10	15 45.25	− 7 41.1	1.048	2.010	12.9	18.1
6 20	15 39.47	− 8 19.8	1.105	2.019	17.1	18.3
6 30	15 36.84	− 9 14.7	1.180	2.029	20.8	18.6

309843 2009 CV_{39} 5 23.3 52°.68 4°.8/25.5 17

4 21	16 28.82	−33 4.4	1.339	2.199	17.4	20.4
5 1	16 22.97	−32 59.7	1.276	2.204	13.4	20.1
5 11	16 14.10	−32 34.7	1.234	2.209	9.1	19.9
5 21	16 3.41	−31 48.1	1.214	2.214	5.4	19.7
5 31	15 52.53	−30 42.6	1.219	2.220	5.7	19.7
6 10	15 43.09	−29 25.6	1.248	2.225	9.5	19.9
6 20	15 36.29	−28 6.3	1.300	2.231	13.8	20.2
6 30	15 32.78	−26 53.0	1.372	2.236	17.6	20.5

455524 2003 YR_{109} 5 23.3 179°.70 4°.1/18.7 18

4 21	16 15.10	+ 2 47.9	4.914	5.743	6.1	21.2
5 1	16 11.28	+ 3 12.7	4.851	5.743	5.1	21.1
5 11	16 6.84	+ 3 31.6	4.814	5.743	4.3	21.1
5 21	16 2.03	+ 3 43.1	4.804	5.743	4.1	21.1
5 31	15 57.18	+ 3 46.2	4.822	5.743	4.6	21.1
6 10	15 52.58	+ 3 40.5	4.866	5.743	5.6	21.2
6 20	15 48.51	+ 3 26.0	4.936	5.743	6.7	21.3
6 30	15 45.20	+ 3 3.2	5.028	5.743	7.7	21.4

302137 2001 RG_{84} 5 23.3 263°.64 3°.0/24.3 17

4 21	16 29.56	−27 48.3	1.445	2.312	16.0	21.0
5 1	16 23.60	−27 56.2	1.362	2.298	12.1	20.7
5 11	16 14.62	−27 51.5	1.300	2.283	7.6	20.4
5 21	16 3.56	−27 32.2	1.262	2.269	3.5	20.1
5 31	15 51.88	−26 59.3	1.249	2.254	4.7	20.2
6 10	15 41.21	−26 17.3	1.262	2.239	9.4	20.4
6 20	15 32.87	−25 32.8	1.297	2.223	14.1	20.6
6 30	15 27.77	−24 52.5	1.352	2.208	18.3	20.8

277661 2006 BW_{186} 5 23.3 54°.87 8°.9/20.0 17

4 21	16 24.87	+ 0 21.1	1.589	2.453	14.9	19.9
5 1	16 19.18	+ 1 14.0	1.552	2.472	12.0	19.7
5 11	16 11.56	+ 1 51.7	1.536	2.490	9.7	19.6
5 21	16 2.91	+ 2 9.3	1.544	2.509	8.9	19.6
5 31	15 54.31	+ 2 3.9	1.577	2.529	10.0	19.8
6 10	15 46.76	+ 1 35.6	1.632	2.548	12.3	19.9
6 20	15 41.01	+ 0 47.2	1.709	2.568	14.9	20.1
6 30	15 37.54	− 0 17.5	1.805	2.587	17.3	20.4

79750 1998 SU_{164} 5 23.3 182°.13 2°.0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.81	−15 38.0	2.028	2.894	12.1	19.9
5 1	16 21.26	−15 23.9	1.955	2.895	8.8	19.7
5 11	16 12.79	−15 9.0	1.907	2.895	5.1	19.4
5 21	16 3.17	−14 55.1	1.886	2.895	2.1	19.2
5 31	15 53.33	−14 44.1	1.894	2.894	4.1	19.4
6 10	15 44.27	−14 38.2	1.929	2.893	7.8	19.6
6 20	15 36.77	−14 39.2	1.990	2.891	11.3	19.8
6 30	15 31.42	−14 48.3	2.072	2.888	14.3	20.0

281594 2008 UG_{157} 5 23.3 308°.46 0°.5/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.55	−20 18.9	1.800	2.675	13.0	20.7
5 1	16 19.18	−20 3.0	1.726	2.670	9.4	20.4
5 11	16 11.73	−19 42.2	1.675	2.666	5.3	20.2
5 21	16 2.98	−19 17.7	1.650	2.662	1.1	19.9
5 31	15 53.96	−18 52.2	1.652	2.657	3.6	20.1
6 10	15 45.77	−18 28.9	1.680	2.653	7.9	20.3
6 20	15 39.27	−18 10.9	1.733	2.650	11.8	20.5
6 30	15 35.09	−18 0.9	1.806	2.646	15.1	20.7

472326 2015 AP_{76} 5 23.3 57°.52 6°.2/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.45	− 6 41.6	1.552	2.429	14.5	20.9
5 1	16 19.78	− 6 4.3	1.501	2.439	11.0	20.7
5 11	16 12.01	− 5 35.3	1.472	2.449	7.7	20.5
5 21	16 3.02	− 5 18.6	1.467	2.459	6.2	20.5
5 31	15 53.94	− 5 17.6	1.488	2.469	7.7	20.6
6 10	15 45.88	− 5 33.5	1.533	2.479	10.9	20.8
6 20	15 39.68	− 6 5.4	1.601	2.490	14.2	21.0
6 30	15 35.91	− 6 51.3	1.688	2.500	17.1	21.2

176461 2001 XX_{90} 5 23.3 158°.40 1°.4/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.12	−26 50.0	2.441	3.292	10.8	20.6
5 1	16 18.39	−26 30.1	2.366	3.296	8.0	20.4
5 11	16 11.08	−26 1.5	2.316	3.299	4.8	20.2
5 21	16 2.85	−25 25.0	2.293	3.302	1.8	20.0
5 31	15 54.50	−24 42.6	2.299	3.304	2.8	20.1
6 10	15 46.87	−23 57.7	2.334	3.307	6.0	20.3
6 20	15 40.59	−23 13.8	2.395	3.309	9.0	20.5
6 30	15 36.16	−22 34.2	2.479	3.311	11.7	20.7

191063 2002 CJ_{137} 5 23.3 53°.77 8°.3/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.95	− 2 4.5	1.582	2.453	14.6	19.6
5 1	16 18.61	− 0 57.9	1.537	2.465	11.6	19.4
5 11	16 11.30	− 0 3.4	1.515	2.476	9.2	19.3
5 21	16 2.89	+ 0 33.2	1.516	2.488	8.3	19.3
5 31	15 54.44	+ 0 47.9	1.541	2.500	9.7	19.4
6 10	15 46.99	+ 0 39.5	1.590	2.512	12.3	19.5
6 20	15 41.31	+ 0 9.5	1.660	2.524	15.0	19.7
6 30	15 37.92	− 0 38.8	1.749	2.536	17.6	20.0

68350 2001 MK_3 5 23.3 113°.17 25°.6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.32	+32 50.3	1.106	1.828	28.5	18.7
5 1	16 33.55	+34 20.2	1.104	1.855	27.1	18.7
5 11	16 19.62	+34 53.0	1.112	1.881	26.1	18.7
5 21	16 4.37	+34 21.3	1.132	1.906	25.7	18.7
5 31	15 49.87	+32 45.5	1.165	1.929	25.7	18.8
6 10	15 37.87	+30 14.7	1.212	1.950	26.2	19.0
6 20	15 29.33	+27 3.0	1.272	1.970	27.0	19.1
6 30	15 24.59	+23 25.3	1.344	1.989	27.8	19.3

514424 2016 UQ_2 5 23.3 105°.14 0°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.29	−20 24.5	3.399	4.256	7.9	22.0
5 1	16 15.22	−20 14.4	3.336	4.272	5.7	21.8
5 11	16 9.13	−20 1.6	3.299	4.287	3.2	21.7
5 21	16 2.48	−19 47.0	3.291	4.302	0.6	21.5
5 31	15 55.79	−19 31.7	3.313	4.317	2.1	21.6
6 10	15 49.56	−19 17.2	3.364	4.332	4.6	21.8
6 20	15 44.24	−19 4.9	3.442	4.347	6.9	22.0
6 30	15 40.16	−18 56.3	3.545	4.361	8.8	22.1

25100 Zhaiweichao 5 23.3 348°.85 0°.6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.30	−21 47.4	1.251	2.144	16.2	17.9
5 1	16 18.96	−21 11.4	1.185	2.138	11.8	17.6
5 11	16 11.87	−20 25.6	1.140	2.133	6.7	17.3
5 21	16 3.05	−19 33.1	1.118	2.130	1.3	17.0
5 31	15 53.89	−18 38.7	1.120	2.126	4.6	17.2
6 10	15 45.91	−17 49.0	1.145	2.124	9.9	17.5
6 20	15 40.21	−17 9.4	1.192	2.123	14.8	17.7
6 30	15 37.52	−16 43.9	1.258	2.122	18.8	18.0

402895 2007 TD_5 5 23.3 255°.30 4°.6/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.65	−12 51.3	1.622	2.500	13.9	21.3
5 1	16 20.92	−11 41.9	1.540	2.483	10.4	21.1
5 11	16 12.84	−10 30.3	1.481	2.466	6.7	20.8
5 21	16 3.23	− 9 21.6	1.447	2.448	4.6	20.6
5 31	15 53.21	− 8 22.1	1.441	2.430	6.8	20.7
6 10	15 43.99	− 7 37.0	1.459	2.411	10.8	20.9
6 20	15 36.58	− 7 9.7	1.500	2.392	14.8	21.1
6 30	15 31.70	− 7 1.4	1.561	2.372	18.3	21.3

136680 1995 SW_{27} 5 23.3 183°.94 0°.4/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.77	−22 46.4	2.766	3.620	9.6	21.4
5 1	16 18.00	−22 37.5	2.687	3.621	7.0	21.3
5 11	16 10.83	−22 23.6	2.634	3.620	4.0	21.1
5 21	16 2.82	−22 5.4	2.609	3.620	0.9	20.8
5 31	15 54.66	−21 44.3	2.613	3.619	2.4	20.9
6 10	15 47.07	−21 22.5	2.647	3.617	5.5	21.2
6 20	15 40.62	−21 2.1	2.707	3.615	8.4	21.3
6 30	15 35.79	−20 45.5	2.791	3.613	10.8	21.5

102822 1999 VD_{182} 5 23.3 332°.48 1°.0/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.10	−20 29.3	1.285	2.176	16.0	19.4
5 1	16 19.54	−19 59.2	1.215	2.167	11.6	19.1
5 11	16 12.23	−19 21.3	1.166	2.159	6.6	18.8
5 21	16 3.13	−18 38.2	1.140	2.151	1.4	18.4
5 31	15 53.62	−17 54.5	1.139	2.144	4.7	18.6
6 10	15 45.21	−17 15.7	1.161	2.138	10.0	18.9
6 20	15 39.04	−16 46.8	1.204	2.132	14.8	19.2
6 30	15 35.89	−16 31.0	1.266	2.127	19.0	19.4

497504 2006 BG_9 5 23.3 197°.49 9°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.10	−56 4.8	2.965	3.642	13.0	22.9
5 1	16 31.43	−56 53.8	2.879	3.637	11.8	22.8
5 11	16 18.83	−57 22.0	2.812	3.632	10.6	22.7
5 21	16 4.36	−57 24.6	2.768	3.626	9.7	22.6
5 31	15 49.47	−56 59.3	2.748	3.618	9.5	22.6
6 10	15 35.74	−56 8.1	2.753	3.610	9.9	22.6
6 20	15 24.39	−54 56.3	2.782	3.601	10.9	22.7
6 30	15 16.20	−53 31.0	2.832	3.591	12.2	22.8

433868 2015 BL_{301} 5 23.3 130°.50 4°.1/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.16	−31 36.2	1.974	2.816	13.4	21.1
5 1	16 22.53	−32 5.1	1.905	2.823	10.3	20.9
5 11	16 13.64	−32 21.9	1.859	2.829	7.0	20.7
5 21	16 3.37	−32 24.5	1.838	2.835	4.4	20.6
5 31	15 52.85	−32 13.1	1.845	2.841	4.8	20.6
6 10	15 43.25	−31 50.4	1.879	2.847	7.6	20.8
6 20	15 35.52	−31 21.0	1.938	2.852	10.8	21.0
6 30	15 30.31	−30 49.9	2.019	2.857	13.7	21.2

131586 2001 WH_8 5 23.3 124°.18 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.98	−17 18.6	1.493	2.371	14.9	20.6
5 1	16 22.53	−16 52.2	1.434	2.380	10.8	20.3
5 11	16 13.66	−16 22.9	1.399	2.389	6.2	20.1
5 21	16 3.37	−15 53.2	1.388	2.398	2.1	19.9
5 31	15 52.94	−15 26.7	1.404	2.406	4.8	20.1
6 10	15 43.67	−15 7.1	1.445	2.414	9.3	20.3
6 20	15 36.52	−14 57.1	1.509	2.421	13.5	20.6
6 30	15 32.11	−14 58.3	1.594	2.428	17.0	20.8

235261 2003 SU_{420} 5 23.3 183°.25 2°.9/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.25	−13 46.1	2.160	3.029	11.3	21.3
5 1	16 18.57	−13 8.8	2.089	3.030	8.2	21.1
5 11	16 11.24	−12 31.5	2.044	3.030	5.0	20.9
5 21	16 2.92	−11 56.8	2.025	3.029	2.9	20.7
5 31	15 54.44	−11 27.8	2.035	3.029	4.6	20.8
6 10	15 46.67	−11 7.0	2.071	3.028	7.8	21.0
6 20	15 40.28	−10 56.3	2.133	3.027	10.9	21.2
6 30	15 35.80	−10 56.4	2.217	3.025	13.7	21.4

100420 1996 EA_{11} 5 23.3 325°.79 0°.8/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.56	−19 31.4	1.839	2.713	12.7	20.2
5 1	16 19.15	−19 17.0	1.767	2.711	9.2	20.0
5 11	16 11.71	−18 58.4	1.718	2.709	5.2	19.8
5 21	16 3.03	−18 37.3	1.696	2.707	1.1	19.5
5 31	15 54.11	−18 15.8	1.700	2.705	3.6	19.7
6 10	15 46.00	−17 57.1	1.731	2.703	7.8	19.9
6 20	15 39.55	−17 44.0	1.786	2.701	11.5	20.1
6 30	15 35.35	−17 38.5	1.863	2.700	14.8	20.3

238163 2003 SG_{91} 5 23.3 213°.63 2°.6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.73	−13 40.6	2.319	3.185	10.8	21.1
5 1	16 18.89	−13 14.9	2.239	3.178	7.9	20.9
5 11	16 11.43	−12 49.5	2.185	3.171	4.8	20.7
5 21	16 2.97	−12 26.5	2.159	3.164	2.6	20.6
5 31	15 54.30	−12 8.1	2.161	3.156	4.2	20.6
6 10	15 46.23	−11 56.6	2.191	3.148	7.4	20.8
6 20	15 39.46	−11 53.5	2.247	3.140	10.5	21.0
6 30	15 34.50	−11 59.7	2.324	3.131	13.2	21.2

155339 2006 RD_{83} 5 23.3 202°.87 2°.4/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.67	−16 26.9	1.782	2.656	13.1	21.5
5 1	16 20.67	−15 47.4	1.710	2.653	9.5	21.3
5 11	16 12.57	−15 5.1	1.661	2.650	5.6	21.1
5 21	16 3.19	−14 22.9	1.638	2.647	2.4	20.9
5 31	15 53.58	−13 44.6	1.643	2.643	4.7	21.0
6 10	15 44.84	−13 13.9	1.675	2.638	8.7	21.2
6 20	15 37.82	−12 53.8	1.730	2.634	12.5	21.4
6 30	15 33.15	−12 46.0	1.806	2.629	15.8	21.6

210957 2001 UM_{102} 5 23.3 267°.17 1°.8/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.35	−16 32.2	2.153	3.024	11.3	20.7
5 1	16 18.05	−16 9.5	2.073	3.015	8.2	20.5
5 11	16 11.02	−15 45.0	2.017	3.007	4.7	20.2
5 21	16 2.91	−15 20.6	1.989	2.998	1.9	20.0
5 31	15 54.56	−14 58.7	1.989	2.989	3.8	20.1
6 10	15 46.85	−14 42.0	2.015	2.981	7.4	20.3
6 20	15 40.51	−14 32.4	2.067	2.972	10.7	20.5
6 30	15 36.09	−14 31.4	2.141	2.963	13.6	20.7

25011 1998 PP_{1} 5 23.3 208°.80 2°.9/25.2 18

4 21	16 23.98	−31 35.0	2.585	3.422	10.7	17.9
5 1	16 18.35	−31 28.7	2.504	3.420	8.2	17.7
5 11	16 11.12	−31 11.7	2.446	3.418	5.5	17.6
5 21	16 2.93	−30 43.7	2.416	3.415	3.2	17.4
5 31	15 54.57	−30 6.0	2.414	3.413	3.5	17.4
6 10	15 46.88	−29 21.5	2.440	3.410	6.0	17.6
6 20	15 40.52	−28 34.0	2.492	3.407	8.7	17.7
6 30	15 36.01	−27 47.5	2.569	3.404	11.3	17.9

503463 2016 EU_{139} 5 23.3 11°.24 5°.1/21.3 17

4 21	16 21.63	−13 10.0	1.097	2.002	17.0	20.5
5 1	16 17.77	−12 8.5	1.047	2.004	12.5	20.3
5 11	16 11.18	−11 8.1	1.017	2.008	7.9	20.0
5 21	16 2.96	−10 15.1	1.008	2.012	5.1	19.9
5 31	15 54.55	− 9 36.3	1.023	2.018	7.6	20.0
6 10	15 47.43	− 9 16.3	1.059	2.026	12.1	20.3
6 20	15 42.64	− 9 16.5	1.114	2.034	16.5	20.6
6 30	15 40.83	− 9 36.2	1.187	2.044	20.2	20.8

507037 2008 UJ_{163} 5 23.3 169°.53 0°.2/23.2 17

4 21	16 25.24	−21 50.5	2.221	3.083	11.3	22.2
5 1	16 19.30	−21 20.9	2.148	3.086	8.2	22.0
5 11	16 11.66	−20 45.1	2.100	3.088	4.6	21.8
5 21	16 3.03	−20 4.9	2.079	3.091	0.9	21.5
5 31	15 54.27	−19 23.0	2.087	3.092	3.0	21.7
6 10	15 46.26	−18 42.7	2.123	3.094	6.7	21.9
6 20	15 39.70	−18 7.3	2.185	3.095	10.0	22.1
6 30	15 35.09	−17 39.5	2.270	3.095	12.9	22.3

29264 1993 FR_{17} 5 23.3 184°.16 1°.6/22.7 18

4 21	16 30.08	−17 20.4	1.665	2.536	14.0	20.0
5 1	16 23.30	−17 8.6	1.594	2.536	10.2	19.8
5 11	16 14.15	−16 54.5	1.547	2.536	5.8	19.5
5 21	16 3.53	−16 39.6	1.525	2.536	1.8	19.3
5 31	15 52.63	−16 26.1	1.532	2.535	4.3	19.4
6 10	15 42.68	−16 16.9	1.564	2.533	8.8	19.7
6 20	15 34.68	−16 14.7	1.621	2.530	12.9	19.9
6 30	15 29.30	−16 21.1	1.698	2.527	16.3	20.1

341164 2007 QY_{9} 5 23.3 258°.03 2°.2/24.3 18

4 21	16 26.55	−27 18.6	2.146	2.999	12.1	20.9
5 1	16 20.60	−27 27.5	2.055	2.984	9.0	20.6
5 11	16 12.60	−27 27.6	1.987	2.968	5.7	20.4
5 21	16 3.25	−27 18.3	1.947	2.953	2.6	20.2
5 31	15 53.50	−27 0.1	1.934	2.937	3.5	20.2
6 10	15 44.40	−26 35.6	1.948	2.921	7.0	20.4
6 20	15 36.83	−26 8.5	1.988	2.905	10.5	20.6
6 30	15 31.47	−25 42.7	2.051	2.888	13.6	20.7

430585 2002 QA_{139} 5 23.3 357°.78 1°.6/23.9 17

4 21	16 23.37	−25 33.5	1.501	2.379	14.9	20.5
5 1	16 18.75	−25 26.6	1.433	2.376	11.0	20.2
5 11	16 11.68	−25 9.0	1.386	2.375	6.6	20.0
5 21	16 3.07	−24 41.3	1.364	2.373	2.2	19.7
5 31	15 54.19	−24 6.0	1.366	2.373	3.9	19.8
6 10	15 46.32	−23 27.7	1.394	2.373	8.4	20.1
6 20	15 40.48	−22 51.5	1.444	2.374	12.7	20.3
6 30	15 37.36	−22 21.8	1.515	2.376	16.4	20.6

475752 2006 WG_{134} 5 23.3 275°.41 3°.4/24.7 18

4 21	16 26.58	−29 51.9	2.182	3.028	12.1	21.5
5 1	16 20.66	−30 21.3	2.095	3.016	9.3	21.3
5 11	16 12.65	−30 41.4	2.031	3.005	6.2	21.1
5 21	16 3.27	−30 50.5	1.994	2.994	3.7	20.9
5 31	15 53.47	−30 48.2	1.984	2.982	4.2	20.9
6 10	15 44.32	−30 36.4	2.002	2.971	7.1	21.1
6 20	15 36.72	−30 18.5	2.045	2.959	10.3	21.3
6 30	15 31.35	−29 58.5	2.110	2.948	13.3	21.4

496926 2001 UP_{112} 5 23.3 212°.70 1°.3/22.6 17

4 21	16 26.33	−18 41.9	2.222	3.085	11.3	22.4
5 1	16 20.15	−18 7.6	2.139	3.078	8.2	22.2
5 11	16 12.20	−17 29.0	2.080	3.069	4.7	21.9
5 21	16 3.16	−16 48.2	2.050	3.060	1.4	21.7
5 31	15 53.89	−16 7.8	2.049	3.051	3.6	21.8
6 10	15 45.30	−15 31.5	2.076	3.040	7.2	22.0
6 20	15 38.12	−15 2.0	2.128	3.029	10.6	22.2
6 30	15 32.92	−14 41.6	2.203	3.018	13.6	22.4

140409 2001 TO_{77} 5 23.3 239°.08 1°.3/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.77	−17 26.7	2.469	3.333	10.3	20.1
5 1	16 18.20	−17 9.9	2.382	3.322	7.4	19.9
5 11	16 11.07	−16 51.0	2.322	3.310	4.3	19.7
5 21	16 2.96	−16 31.3	2.288	3.298	1.4	19.5
5 31	15 54.60	−16 12.8	2.284	3.286	3.2	19.6
6 10	15 46.78	−15 57.6	2.308	3.274	6.6	19.8
6 20	15 40.17	−15 47.7	2.358	3.261	9.7	20.0
6 30	15 35.29	−15 44.5	2.431	3.248	12.4	20.1

23169 Michikami 5 23.3 191°.02 1°.1/23.7 18

4 21	16 29.76	−24 18.1	1.511	2.381	15.2	19.5
5 1	16 23.37	−24 9.2	1.440	2.381	11.2	19.3
5 11	16 14.31	−23 50.5	1.392	2.380	6.6	19.0
5 21	16 3.59	−23 22.3	1.368	2.378	1.8	18.7
5 31	15 52.54	−22 47.1	1.370	2.377	3.9	18.8
6 10	15 42.60	−22 9.5	1.399	2.375	8.8	19.1
6 20	15 34.87	−21 34.8	1.451	2.372	13.2	19.4
6 30	15 30.07	−21 7.7	1.523	2.369	17.0	19.6

232159 2002 CB_{256} 5 23.3 171°.11 3°.6/21.3 18

4 21	16 25.44	−11 26.7	2.195	3.061	11.3	21.1
5 1	16 19.38	−10 45.4	2.128	3.065	8.3	20.9
5 11	16 11.70	−10 5.7	2.086	3.068	5.3	20.8
5 21	16 3.07	− 9 30.6	2.071	3.070	3.6	20.7
5 31	15 54.30	− 9 3.1	2.084	3.072	5.1	20.8
6 10	15 46.25	− 8 45.8	2.125	3.073	8.1	20.9
6 20	15 39.59	− 8 39.8	2.190	3.074	11.1	21.1
6 30	15 34.82	− 8 45.5	2.278	3.074	13.7	21.3

479249 2013 EB_{37} 5 23.3 168°.37 6°.1/27.1 18

4 21	16 28.51	−42 27.5	2.884	3.664	11.2	21.4
5 1	16 21.75	−43 3.7	2.806	3.666	9.4	21.3
5 11	16 13.14	−43 25.5	2.750	3.669	7.6	21.2
5 21	16 3.35	−43 30.6	2.720	3.671	6.3	21.1
5 31	15 53.31	−43 18.4	2.718	3.673	6.2	21.1
6 10	15 43.97	−42 50.7	2.742	3.675	7.2	21.1
6 20	15 36.12	−42 11.2	2.792	3.676	9.0	21.3
6 30	15 30.35	−41 24.8	2.865	3.677	10.8	21.4

91800 1999 TK_{234} 5 23.3 98°.11 1°.4/22.4 18

4 21	16 22.19	−18 37.6	2.362	3.230	10.5	19.4
5 1	16 16.98	−17 53.6	2.294	3.236	7.5	19.2
5 11	16 10.31	−17 6.0	2.252	3.242	4.3	19.0
5 21	16 2.81	−16 17.2	2.237	3.247	1.5	18.8
5 31	15 55.23	−15 30.3	2.252	3.253	3.4	19.0
6 10	15 48.33	−14 48.5	2.294	3.259	6.6	19.2
6 20	15 42.71	−14 14.3	2.361	3.264	9.6	19.4
6 30	15 38.82	−13 49.7	2.452	3.270	12.2	19.6

393968 2005 UP_{283} 5 23.3 263°.80 1°.3/23.8 18

4 21	16 25.51	−23 46.8	2.367	3.223	10.9	20.7
5 1	16 19.63	−24 8.6	2.281	3.215	8.0	20.5
5 11	16 11.97	−24 25.5	2.221	3.206	4.8	20.3
5 21	16 3.15	−24 37.1	2.187	3.197	1.6	20.0
5 31	15 54.01	−24 43.4	2.183	3.188	2.9	20.1
6 10	15 45.43	−24 45.8	2.207	3.179	6.3	20.3
6 20	15 38.19	−24 46.5	2.256	3.170	9.6	20.5
6 30	15 32.87	−24 48.0	2.329	3.161	12.4	20.7

408152 2013 CG_{124} 5 23.3 64°.08 5°.4/21.4 16

4 21	16 27.09	−11 2.6	1.250	2.140	16.4	21.0
5 1	16 21.46	−10 12.4	1.198	2.146	12.2	20.8
5 11	16 13.20	− 9 26.1	1.167	2.153	7.9	20.6
5 21	16 3.38	− 8 49.0	1.159	2.160	5.5	20.4
5 31	15 53.42	− 8 26.1	1.176	2.167	7.6	20.6
6 10	15 44.72	− 8 20.6	1.216	2.175	11.7	20.8
6 20	15 38.31	− 8 33.2	1.276	2.182	15.9	21.1
6 30	15 34.82	− 9 2.6	1.355	2.190	19.4	21.3

510474 2011 WC_{98} 5 23.3 208°.66 0°.2/23.2 17

4 21	16 22.75	−22 4.2	2.766	3.623	9.5	22.1
5 1	16 17.29	−21 29.6	2.683	3.619	6.9	21.9
5 11	16 10.48	−20 49.5	2.625	3.613	3.9	21.7
5 21	16 2.86	−20 5.4	2.596	3.608	0.7	21.5
5 31	15 55.11	−19 19.6	2.597	3.602	2.5	21.6
6 10	15 47.92	−18 35.0	2.627	3.595	5.7	21.8
6 20	15 41.85	−17 54.4	2.683	3.589	8.5	22.0
6 30	15 37.35	−17 20.3	2.764	3.582	11.0	22.2

512963 2017 SQ_{35} 5 23.3 279°.24 1°.3/22.9 17

4 21	16 27.80	−17 19.6	1.607	2.484	14.1	21.6
5 1	16 21.99	−17 22.1	1.521	2.466	10.4	21.3
5 11	16 13.63	−17 23.4	1.458	2.448	6.0	21.0
5 21	16 3.52	−17 24.3	1.419	2.430	1.6	20.7
5 31	15 52.82	−17 26.4	1.408	2.412	4.3	20.8
6 10	15 42.86	−17 31.7	1.422	2.394	9.1	21.1
6 20	15 34.77	−17 42.6	1.460	2.376	13.6	21.3
6 30	15 29.39	−18 0.9	1.517	2.357	17.4	21.5

143491 2003 DO_3 5 23.3 105°.04 3°.0/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.92	−12 37.3	2.239	3.110	10.9	20.4
5 1	16 17.56	−12 4.9	2.176	3.116	8.0	20.2
5 11	16 10.67	−11 33.8	2.137	3.122	4.9	20.0
5 21	16 2.90	−11 6.4	2.126	3.129	3.0	19.9
5 31	15 55.03	−10 45.4	2.142	3.135	4.6	20.0
6 10	15 47.84	−10 32.9	2.186	3.141	7.5	20.2
6 20	15 41.97	−10 30.1	2.254	3.147	10.5	20.4
6 30	15 37.88	−10 37.3	2.345	3.153	13.0	20.6

507736 2013 WO_{110} 5 23.3 165°.83 5°.0/26.7 17

4 21	16 29.39	−38 3.5	1.979	2.798	14.2	20.4
5 1	16 22.67	−37 33.1	1.900	2.800	11.3	20.2
5 11	16 13.71	−36 42.1	1.845	2.802	8.2	20.0
5 21	16 3.47	−35 30.0	1.815	2.803	5.6	19.9
5 31	15 53.20	−33 59.4	1.812	2.804	5.3	19.9
6 10	15 44.07	−32 16.9	1.837	2.805	7.7	20.0
6 20	15 36.97	−30 30.4	1.888	2.806	10.9	20.2
6 30	15 32.46	−28 47.7	1.963	2.806	13.9	20.4

319753 2006 UU_{178} 5 23.3 230°.62 2°.7/22.2 18

4 21	16 26.67	−15 20.0	1.698	2.574	13.5	21.2
5 1	16 20.82	−14 49.9	1.624	2.569	9.9	20.9
5 11	16 12.77	−14 18.5	1.574	2.563	5.8	20.7
5 21	16 3.33	−13 48.5	1.549	2.557	2.7	20.5
5 31	15 53.59	−13 23.3	1.551	2.550	5.0	20.6
6 10	15 44.70	−13 6.2	1.579	2.543	9.1	20.8
6 20	15 37.59	−12 59.6	1.630	2.536	13.0	21.0
6 30	15 32.91	−13 4.7	1.702	2.529	16.4	21.3

261885 2006 HD_{11} 5 23.3 53°.17 3°.3/22.4 17

4 21	16 27.99	−14 6.0	1.239	2.129	16.6	20.8
5 1	16 22.16	−13 51.4	1.188	2.139	12.1	20.6
5 11	16 13.63	−13 38.7	1.158	2.149	7.2	20.3
5 21	16 3.49	−13 30.5	1.152	2.160	3.4	20.1
5 31	15 53.20	−13 29.7	1.170	2.171	5.8	20.3
6 10	15 44.22	−13 38.5	1.212	2.182	10.5	20.6
6 20	15 37.62	−13 58.1	1.275	2.194	14.9	20.9
6 30	15 34.03	−14 28.5	1.357	2.206	18.6	21.1

90783 1994 GU_4 5 23.3 273°.32 0°.1/23.3 18

4 21	16 25.63	−21 53.1	1.791	2.662	13.2	20.0
5 1	16 20.10	−21 39.3	1.711	2.653	9.6	19.7
5 11	16 12.39	−21 18.9	1.654	2.644	5.5	19.5
5 21	16 3.27	−20 53.1	1.623	2.635	1.1	19.1
5 31	15 53.82	−20 24.1	1.620	2.626	3.5	19.3
6 10	15 45.17	−19 55.4	1.642	2.616	7.9	19.5
6 20	15 38.25	−19 30.9	1.689	2.607	11.9	19.7
6 30	15 33.74	−19 13.7	1.757	2.598	15.4	19.9

251464 2008 CC_{196} 5 23.3 8°.86 8°.6/27.7 16

4 21	16 28.44	−43 57.7	1.975	2.770	15.1	20.1
5 1	16 22.50	−44 47.5	1.904	2.771	12.8	20.0
5 11	16 13.89	−45 17.1	1.853	2.773	10.6	19.8
5 21	16 3.56	−45 22.5	1.826	2.775	9.0	19.7
5 31	15 52.87	−45 2.2	1.822	2.777	8.7	19.7
6 10	15 43.23	−44 19.2	1.843	2.780	9.9	19.8
6 20	15 35.79	−43 19.8	1.887	2.783	12.0	19.9
6 30	15 31.27	−42 11.5	1.953	2.786	14.3	20.1

74034 1998 HX_{31} 5 23.3 3°.05 3°.6/24.2 17

4 21	16 22.47	−25 37.8	0.955	1.857	19.1	18.2
5 1	16 19.18	−26 21.7	0.900	1.855	14.3	17.9
5 11	16 12.41	−26 54.8	0.864	1.854	8.9	17.6
5 21	16 3.32	−27 14.3	0.847	1.855	4.1	17.4
5 31	15 53.71	−27 19.6	0.852	1.858	5.6	17.4
6 10	15 45.56	−27 14.5	0.877	1.863	10.9	17.8
6 20	15 40.33	−27 4.7	0.922	1.870	16.1	18.1
6 30	15 38.88	−26 56.1	0.983	1.878	20.5	18.3

256104 2006 US_{265} 5 23.3 160°.66 1°.6/24.1 17

4 21	16 28.24	−26 32.4	1.792	2.652	13.7	21.1
5 1	16 21.90	−26 15.9	1.722	2.656	10.1	20.9
5 11	16 13.34	−25 48.4	1.675	2.659	6.1	20.6
5 21	16 3.44	−25 10.6	1.653	2.662	2.2	20.4
5 31	15 53.37	−24 25.0	1.659	2.665	3.5	20.5
6 10	15 44.29	−23 36.1	1.692	2.667	7.6	20.7
6 20	15 37.12	−22 49.1	1.750	2.669	11.5	21.0
6 30	15 32.46	−22 8.5	1.830	2.671	14.8	21.2

355105 2006 TO_{127} 5 23.3 185°.19 4°.7/19.8 17

4 21	16 21.95	− 2 59.7	3.211	4.057	8.6	22.5
5 1	16 16.49	− 2 20.6	3.142	4.057	6.8	22.3
5 11	16 9.95	− 1 47.2	3.099	4.056	5.2	22.2
5 21	16 2.79	− 1 21.9	3.084	4.054	4.7	22.2
5 31	15 55.52	− 1 6.6	3.098	4.052	5.5	22.2
6 10	15 48.71	− 1 2.6	3.139	4.050	7.2	22.3
6 20	15 42.78	− 1 9.9	3.206	4.047	9.1	22.5
6 30	15 38.12	− 1 28.1	3.296	4.043	10.8	22.6

141170 2001 XX_{147} 5 23.3 324°.12 0°.2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.73	−22 18.9	2.011	2.882	12.0	19.5
5 1	16 17.73	−21 43.6	1.934	2.876	8.7	19.3
5 11	16 10.91	−21 1.0	1.881	2.871	4.9	19.1
5 21	16 2.98	−20 13.0	1.855	2.866	0.9	18.8
5 31	15 54.86	−19 23.1	1.856	2.861	3.2	18.9
6 10	15 47.49	−18 35.1	1.884	2.857	7.2	19.2
6 20	15 41.62	−17 52.9	1.937	2.853	10.8	19.4
6 30	15 37.81	−17 19.7	2.012	2.848	13.9	19.6

308135 2004 YZ_1 5 23.3 114°.57 10°.6/26.7 16

4 21	16 42.51	−44 36.1	1.742	2.524	17.3	20.3
5 1	16 33.35	−46 23.3	1.686	2.541	14.8	20.2
5 11	16 20.40	−47 48.0	1.650	2.557	12.4	20.1
5 21	16 4.85	−48 41.9	1.638	2.573	10.9	20.0
5 31	15 48.62	−49 0.6	1.651	2.588	10.8	20.0
6 10	15 33.84	−48 46.7	1.688	2.602	12.1	20.1
6 20	15 22.15	−48 8.3	1.747	2.616	14.1	20.3
6 30	15 14.49	−47 16.1	1.826	2.630	16.3	20.5

174600 2003 QH_{76} 5 23.3 295°.53 2°.5/24.2 17

4 21	16 26.99	−27 3.4	1.374	2.249	16.2	20.4
5 1	16 21.91	−27 0.1	1.289	2.230	12.2	20.1
5 11	16 13.81	−26 43.5	1.224	2.210	7.6	19.8
5 21	16 3.60	−26 12.5	1.183	2.191	3.0	19.5
5 31	15 52.72	−25 29.0	1.166	2.172	4.5	19.5
6 10	15 42.79	−24 38.1	1.174	2.153	9.6	19.7
6 20	15 35.18	−23 47.0	1.203	2.134	14.6	20.0
6 30	15 30.81	−23 2.4	1.252	2.116	18.9	20.2

475025 2005 UB_{23} 5 23.3 165°.26 2°.9/20.9 17

4 21	16 21.99	−13 31.5	2.732	3.597	9.4	22.0
5 1	16 16.65	−12 23.8	2.662	3.600	6.8	21.8
5 11	16 10.08	−11 15.2	2.619	3.603	4.3	21.7
5 21	16 2.81	−10 9.0	2.605	3.605	2.9	21.6
5 31	15 55.48	− 9 8.7	2.621	3.608	4.3	21.7
6 10	15 48.71	− 8 17.3	2.665	3.610	6.9	21.8
6 20	15 43.04	− 7 36.9	2.735	3.612	9.4	22.0
6 30	15 38.85	− 7 8.6	2.827	3.613	11.6	22.2

338609 2003 SF_{198} 5 23.3 184°.38 0°.7/22.8 18

4 21	16 24.83	−20 57.9	2.317	3.179	10.9	20.9
5 1	16 18.97	−20 13.5	2.241	3.179	7.9	20.7
5 11	16 11.50	−19 23.2	2.190	3.179	4.4	20.5
5 21	16 3.10	−18 29.1	2.167	3.178	1.0	20.2
5 31	15 54.57	−17 34.5	2.174	3.177	3.1	20.4
6 10	15 46.75	−16 43.2	2.208	3.176	6.7	20.6
6 20	15 40.31	−15 58.4	2.269	3.174	9.9	20.8
6 30	15 35.73	−15 22.9	2.353	3.172	12.7	21.0

266475 2008 AE_{113} 5 23.3 242°.04 17°.0/14.3 18

4 21	16 29.68	+15 6.2	1.393	2.207	19.3	20.0
5 1	16 23.39	+16 59.3	1.339	2.195	17.9	19.9
5 11	16 14.41	+18 24.3	1.304	2.181	17.1	19.8
5 21	16 3.69	+19 10.6	1.288	2.167	17.3	19.7
5 31	15 52.57	+19 11.0	1.291	2.152	18.5	19.8
6 10	15 42.47	+18 25.3	1.311	2.137	20.3	19.8
6 20	15 34.52	+16 58.3	1.348	2.121	22.5	20.0
6 30	15 29.48	+14 58.2	1.398	2.104	24.6	20.1

504635 2008 WJ_{59} 5 23.3 138°.97 1°.6/22.4 17

4 21	16 24.97	−17 18.0	2.266	3.131	11.0	22.2
5 1	16 19.03	−16 47.8	2.201	3.141	7.9	22.1
5 11	16 11.52	−16 15.2	2.161	3.150	4.5	21.9
5 21	16 3.11	−15 42.3	2.149	3.158	1.7	21.7
5 31	15 54.61	−15 11.7	2.166	3.167	3.6	21.8
6 10	15 46.85	−14 46.1	2.210	3.174	6.9	22.0
6 20	15 40.48	−14 27.7	2.281	3.182	10.0	22.3
6 30	15 35.95	−14 17.9	2.373	3.189	12.7	22.4

382462 2000 SM_{89} 5 23.3 251°.33 0°.5/23.5 17

4 21	16 27.77	−22 17.3	2.125	2.984	11.9	21.6
5 1	16 21.51	−22 19.3	2.030	2.966	8.7	21.4
5 11	16 13.19	−22 16.0	1.959	2.946	5.1	21.1
5 21	16 3.47	−22 7.4	1.915	2.926	1.2	20.8
5 31	15 53.30	−21 54.5	1.900	2.906	3.1	20.9
6 10	15 43.73	−21 39.7	1.913	2.885	7.2	21.1
6 20	15 35.63	−21 25.9	1.951	2.863	10.9	21.3
6 30	15 29.72	−21 16.1	2.012	2.841	14.2	21.5

270383 2002 AH_{103} 5 23.3 200°.76 1°.5/24.1 17

4 21	16 27.58	−26 0.6	2.180	3.032	11.9	21.4
5 1	16 21.20	−25 54.0	2.098	3.029	8.8	21.2
5 11	16 12.89	−25 38.7	2.041	3.025	5.3	21.0
5 21	16 3.39	−25 15.0	2.011	3.020	1.9	20.7
5 31	15 53.65	−24 44.4	2.010	3.015	3.1	20.8
6 10	15 44.65	−24 9.9	2.037	3.009	6.7	21.0
6 20	15 37.20	−23 35.5	2.089	3.003	10.2	21.2
6 30	15 31.90	−23 4.8	2.165	2.996	13.2	21.4

156222 2001 UB_{91} 5 23.3 270.°72 1.°4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 16.18	−14 43.0	4.255	5.117	6.3	20.8
5 1	16 12.24	−14 22.9	4.174	5.112	4.6	20.6
5 11	16 7.53	−14 2.8	4.120	5.107	2.7	20.5
5 21	16 2.36	−13 43.6	4.095	5.101	1.4	20.4
5 31	15 57.10	−13 26.5	4.099	5.096	2.4	20.5
6 10	15 52.14	−13 12.9	4.133	5.090	4.2	20.6
6 20	15 47.80	−13 3.4	4.193	5.085	6.1	20.7
6 30	15 44.37	−12 58.9	4.278	5.079	7.7	20.8

508416 2016 JG_{14} 5 23.3 302.°65 11.°0/17.2 18

4 21	16 23.09	+ 2 39.6	1.548	2.411	15.3	20.5
5 1	16 18.39	+ 4 13.2	1.481	2.394	13.0	20.3
5 11	16 11.48	+ 5 33.0	1.436	2.378	11.4	20.2
5 21	16 3.15	+ 6 30.6	1.414	2.362	11.2	20.1
5 31	15 54.46	+ 6 59.6	1.414	2.346	12.6	20.2
6 10	15 46.55	+ 6 57.2	1.436	2.330	15.1	20.3
6 20	15 40.37	+ 6 24.5	1.477	2.315	17.9	20.4
6 30	15 36.61	+ 5 25.4	1.534	2.300	20.5	20.6

203002 1999 VZ_{203} 5 23.3 268.°25 2.°8/24.8 18

4 21	16 27.50	−30 16.8	2.128	2.972	12.5	20.5
5 1	16 21.43	−30 5.4	2.025	2.947	9.5	20.3
5 11	16 13.19	−29 41.3	1.945	2.922	6.2	20.1
5 21	16 3.48	−29 3.6	1.892	2.896	3.2	19.8
5 31	15 53.32	−28 13.7	1.867	2.869	3.8	19.8
6 10	15 43.83	−27 15.4	1.870	2.842	7.3	20.0
6 20	15 35.93	−26 13.9	1.899	2.815	10.9	20.1
6 30	15 30.34	−25 14.9	1.950	2.787	14.2	20.3

174518 2003 CB_{18} 5 23.3 162.°77 3.°4/25.3 18

4 21	16 26.12	−32 30.7	2.516	3.347	11.2	21.0
5 1	16 19.98	−32 35.5	2.439	3.351	8.6	20.9
5 11	16 12.12	−32 29.0	2.387	3.354	5.9	20.7
5 21	16 3.24	−32 10.6	2.361	3.357	3.7	20.5
5 31	15 54.21	−31 41.2	2.364	3.360	3.9	20.6
6 10	15 45.89	−31 3.5	2.395	3.363	6.2	20.7
6 20	15 39.01	−30 21.3	2.452	3.365	8.9	20.9
6 30	15 34.09	−29 38.9	2.533	3.366	11.5	21.1

428273 2007 DM_{64} 5 23.3 126.°47 0.°6/23.0 17

4 21	16 27.47	−20 1.7	1.888	2.756	12.8	22.4
5 1	16 21.13	−19 45.7	1.826	2.767	9.2	22.2
5 11	16 12.83	−19 25.3	1.787	2.777	5.2	22.0
5 21	16 3.39	−19 1.8	1.775	2.787	1.1	21.7
5 31	15 53.83	−18 37.5	1.791	2.796	3.5	21.9
6 10	15 45.19	−18 15.6	1.834	2.805	7.5	22.2
6 20	15 38.27	−17 58.9	1.903	2.814	11.1	22.4
6 30	15 33.61	−17 49.7	1.992	2.822	14.2	22.7

295021 2008 EH_{68} 5 23.3 265.°16 6.°0/16.5 18

4 21	16 16.04	+12 10.1	4.542	5.329	7.3	20.2
5 1	16 12.08	+12 42.6	4.484	5.323	6.5	20.1
5 11	16 7.42	+13 5.6	4.449	5.318	6.1	20.0
5 21	16 2.34	+13 17.1	4.439	5.312	6.0	20.0
5 31	15 57.21	+13 16.1	4.455	5.307	6.5	20.1
6 10	15 52.36	+13 2.1	4.495	5.301	7.2	20.1
6 20	15 48.09	+12 35.9	4.557	5.296	8.1	20.2
6 30	15 44.67	+11 58.5	4.639	5.290	9.0	20.3

410280 2007 TH_{195} 5 23.3 101.°07 1.°6/22.6 16

4 21	16 27.77	−19 11.0	1.480	2.360	14.9	21.1
5 1	16 21.73	−18 32.5	1.422	2.369	10.8	20.9
5 11	16 13.29	−17 48.6	1.387	2.378	6.1	20.7
5 21	16 3.48	−17 2.4	1.376	2.387	1.8	20.4
5 31	15 53.56	−16 18.1	1.392	2.396	4.5	20.6
6 10	15 44.80	−15 40.6	1.433	2.405	9.2	20.9
6 20	15 38.14	−15 13.6	1.498	2.413	13.3	21.2
6 30	15 34.19	−14 59.3	1.582	2.421	16.9	21.4

250053 2002 CK_{299} 5 23.3 349.°47 5.°3/25.7 17

4 21	16 24.94	−34 42.1	1.901	2.742	13.9	19.6
5 1	16 19.78	−35 11.5	1.825	2.737	11.0	19.4
5 11	16 12.30	−35 26.5	1.770	2.733	8.0	19.2
5 21	16 3.34	−35 24.8	1.740	2.729	5.7	19.0
5 31	15 54.02	−35 6.1	1.736	2.726	5.8	19.0
6 10	15 45.57	−34 33.4	1.757	2.723	8.2	19.2
6 20	15 38.96	−33 51.8	1.802	2.721	11.2	19.3
6 30	15 34.90	−33 7.2	1.869	2.720	14.2	19.5

497544 2006 CN_{41} 5 23.3 173.°09 5.°2/20.2 17

4 21	16 24.57	− 6 25.3	2.272	3.133	11.2	22.0
5 1	16 18.74	− 5 29.9	2.208	3.136	8.5	21.8
5 11	16 11.38	− 4 39.4	2.168	3.138	6.2	21.6
5 21	16 3.13	− 3 57.7	2.156	3.140	5.2	21.6
5 31	15 54.77	− 3 28.0	2.172	3.142	6.5	21.7
6 10	15 47.08	− 3 12.6	2.214	3.142	9.0	21.8
6 20	15 40.69	− 3 11.9	2.281	3.143	11.5	22.0
6 30	15 36.08	− 3 25.4	2.369	3.142	13.9	22.2

140959 2001 VD_{104} 5 23.3 164.°43 0.°2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.72	−23 38.2	2.325	3.186	10.9	20.5
5 1	16 18.22	−23 4.2	2.251	3.188	7.9	20.3
5 11	16 11.12	−22 22.8	2.201	3.189	4.6	20.1
5 21	16 3.09	−21 35.9	2.179	3.190	0.9	19.9
5 31	15 54.95	−20 46.0	2.186	3.192	2.8	20.0
6 10	15 47.52	−19 56.8	2.221	3.193	6.3	20.2
6 20	15 41.45	−19 11.9	2.282	3.194	9.5	20.4
6 30	15 37.23	−18 34.2	2.365	3.194	12.3	20.6

60977 2000 KE_{6} 5 23.3 5.°73 3.°3/22.3 17

4 21	16 24.63	−15 37.9	1.069	1.971	17.6	19.0
5 1	16 20.21	−15 6.8	1.014	1.971	12.8	18.8
5 11	16 12.78	−14 34.6	0.978	1.971	7.6	18.5
5 21	16 3.45	−14 5.3	0.963	1.972	3.4	18.2
5 31	15 53.81	−13 43.8	0.972	1.974	6.3	18.4
6 10	15 45.49	−13 34.4	1.002	1.977	11.5	18.7
6 20	15 39.70	−13 39.4	1.052	1.981	16.4	19.0
6 30	15 37.18	−13 59.3	1.120	1.986	20.6	19.3

346049 2007 UX_{22} 5 23.3 161.°79 1.°3/22.6 17

4 21	16 24.37	−17 40.9	2.223	3.090	11.1	21.8
5 1	16 18.73	−17 20.9	2.152	3.093	8.0	21.6
5 11	16 11.44	−16 58.6	2.106	3.095	4.6	21.4
5 21	16 3.16	−16 35.5	2.087	3.097	1.5	21.1
5 31	15 54.74	−16 14.0	2.096	3.099	3.4	21.3
6 10	15 47.00	−15 56.5	2.133	3.100	6.9	21.5
6 20	15 40.64	−15 44.9	2.196	3.102	10.1	21.7
6 30	15 36.16	−15 40.9	2.281	3.103	12.9	21.9

343792 2011 GH_{57} 5 23.3 294.°23 0.°4/23.2 17

4 21	16 26.66	−19 6.2	1.719	2.593	13.5	20.6
5 1	16 21.05	−19 17.1	1.635	2.579	9.9	20.4
5 11	16 13.08	−19 25.7	1.574	2.565	5.7	20.1
5 21	16 3.52	−19 32.1	1.539	2.551	1.1	19.7
5 31	15 53.47	−19 37.5	1.531	2.537	3.7	19.9
6 10	15 44.15	−19 43.5	1.549	2.523	8.3	20.1
6 20	15 36.58	−19 52.5	1.591	2.510	12.5	20.3
6 30	15 31.54	−20 6.6	1.654	2.496	16.1	20.6

210049 2006 PN_{12} 5 23.3 232.°43 0.°6/22.8 17

4 21	16 19.23	−18 49.0	3.759	4.616	7.2	21.7
5 1	16 14.55	−18 32.5	3.669	4.606	5.2	21.6
5 11	16 8.91	−18 13.9	3.607	4.595	2.9	21.4
5 21	16 2.68	−17 54.2	3.573	4.584	0.8	21.2
5 31	15 56.32	−17 34.6	3.570	4.573	2.1	21.3
6 10	15 50.30	−17 16.5	3.595	4.561	4.4	21.5
6 20	15 45.04	−17 1.4	3.649	4.549	6.6	21.6
6 30	15 40.87	−16 50.4	3.726	4.537	8.6	21.7

201939 2004 EQ_{39} 5 23.3 10.°53 0.°5/23.5 17

4 21	16 23.48	−23 4.8	1.771	2.645	13.2	19.8
5 1	16 18.50	−22 50.2	1.703	2.646	9.6	19.6
5 11	16 11.46	−22 28.3	1.659	2.648	5.5	19.4
5 21	16 3.18	−22 0.2	1.639	2.651	1.2	19.1
5 31	15 54.70	−21 28.5	1.647	2.653	3.3	19.2
6 10	15 47.11	−20 56.8	1.680	2.657	7.5	19.5
6 20	15 41.23	−20 28.9	1.738	2.660	11.4	19.7
6 30	15 37.67	−20 8.1	1.817	2.664	14.7	19.9

84554 2002 UM_{38} 5 23.3 167.°68 0.°5/23.6 17

4 21	16 24.75	−23 0.6	2.082	2.947	11.9	20.1
5 1	16 19.17	−22 50.0	2.009	2.947	8.7	19.9
5 11	16 11.76	−22 33.1	1.959	2.947	5.0	19.6
5 21	16 3.24	−22 10.5	1.937	2.948	1.1	19.4
5 31	15 54.52	−21 44.4	1.942	2.948	3.0	19.5
6 10	15 46.55	−21 17.6	1.974	2.948	6.8	19.7
6 20	15 40.10	−20 53.3	2.032	2.948	10.3	19.9
6 30	15 35.73	−20 34.4	2.112	2.948	13.3	20.1

392181 2009 LZ_{6} 5 23.3 338.°10 7.°8/18.9 16

4 21	16 20.62	− 1 59.2	1.841	2.711	13.0	20.4
5 1	16 16.27	− 0 52.0	1.776	2.702	10.4	20.2
5 11	16 10.15	+ 0 5.8	1.734	2.693	8.4	20.0
5 21	16 2.94	+ 0 48.9	1.716	2.685	7.8	20.0
5 31	15 55.51	+ 1 12.6	1.723	2.678	9.1	20.0
6 10	15 48.77	+ 1 14.8	1.754	2.671	11.6	20.2
6 20	15 43.48	+ 0 55.9	1.806	2.665	14.2	20.3
6 30	15 40.18	+ 0 17.8	1.877	2.659	16.7	20.5

261932 2006 MU_{1} 5 23.3 270.°64 1.°4/23.9 17

4 21	16 28.25	−24 57.3	1.626	2.494	14.5	21.6
5 1	16 22.45	−24 49.6	1.535	2.474	10.8	21.3
5 11	16 14.00	−24 31.8	1.467	2.454	6.5	21.0
5 21	16 3.72	−24 3.8	1.423	2.433	2.0	20.6
5 31	15 52.86	−23 27.3	1.406	2.413	3.9	20.7
6 10	15 42.79	−22 46.7	1.415	2.391	8.7	20.9
6 20	15 34.70	−22 7.3	1.448	2.370	13.2	21.1
6 30	15 29.43	−21 34.2	1.501	2.348	17.2	21.3

44145 1998 HJ_{101} 5 23.3 306.°27 2.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.68	−17 28.8	1.332	2.223	15.6	19.0
5 1	16 20.22	−16 52.0	1.243	2.195	11.5	18.7
5 11	16 12.90	−16 9.5	1.175	2.167	6.7	18.3
5 21	16 3.54	−15 24.5	1.130	2.140	2.6	18.0
5 31	15 53.43	−14 42.0	1.110	2.113	5.6	18.1
6 10	15 44.09	−14 7.4	1.113	2.086	10.9	18.3
6 20	15 36.84	−13 45.7	1.138	2.060	16.0	18.5
6 30	15 32.63	−13 39.8	1.180	2.034	20.5	18.7

517326 2014 JJ_{20} 5 23.3 344.°41 4.°6/20.7 17

4 21	16 21.74	− 8 29.6	2.200	3.070	11.1	20.7
5 1	16 16.81	− 7 43.5	2.133	3.069	8.4	20.6
5 11	16 10.35	− 7 1.3	2.091	3.068	5.8	20.4
5 21	16 2.97	− 6 26.3	2.075	3.067	4.6	20.3
5 31	15 55.46	− 6 1.8	2.086	3.066	5.9	20.4
6 10	15 48.58	− 5 49.8	2.124	3.065	8.6	20.6
6 20	15 42.98	− 5 51.1	2.186	3.065	11.3	20.7
6 30	15 39.13	− 6 5.5	2.269	3.064	13.8	20.9

157371 2004 TZ_{130} 5 23.3 295.°71 5.°5/21.2 18

4 21	16 25.65	− 8 14.2	1.667	2.542	13.8	19.7
5 1	16 20.37	− 7 43.2	1.576	2.515	10.5	19.5
5 11	16 12.75	− 7 17.5	1.508	2.488	7.3	19.2
5 21	16 3.49	− 7 1.0	1.465	2.460	5.5	19.0
5 31	15 53.64	− 6 57.6	1.447	2.433	7.2	19.1
6 10	15 44.39	− 7 9.8	1.455	2.406	10.9	19.2
6 20	15 36.79	− 7 38.3	1.485	2.378	14.8	19.4
6 30	15 31.64	− 8 22.5	1.534	2.351	18.3	19.5

297694 2001 UU_{230} 5 23.3 202.°13 5.°1/19.9 18

4 21	16 22.27	− 6 25.6	2.425	3.288	10.5	21.2
5 1	16 17.06	− 5 26.6	2.356	3.285	8.1	21.0
5 11	16 10.44	− 4 31.9	2.313	3.282	5.9	20.9
5 21	16 2.99	− 3 45.3	2.297	3.279	5.1	20.8
5 31	15 55.40	− 3 10.1	2.308	3.276	6.3	20.9
6 10	15 48.40	− 2 48.7	2.346	3.272	8.6	21.0
6 20	15 42.56	− 2 41.8	2.409	3.269	11.1	21.2
6 30	15 38.35	− 2 49.1	2.492	3.264	13.3	21.3

511931 2015 HH_{164} 5 23.3 193.°43 0.°1/23.3 17

4 21	16 26.17	−20 30.3	2.164	3.027	11.5	21.7
5 1	16 20.16	−20 32.4	2.088	3.026	8.4	21.5
5 11	16 12.33	−20 30.9	2.036	3.025	4.8	21.3
5 21	16 3.37	−20 26.1	2.012	3.024	0.9	21.0
5 31	15 54.17	−20 19.3	2.016	3.022	3.0	21.1
6 10	15 45.65	−20 12.4	2.048	3.020	6.8	21.4
6 20	15 38.60	−20 7.8	2.106	3.018	10.2	21.6
6 30	15 33.59	−20 7.5	2.186	3.015	13.2	21.8

387715 2003 BG_{92} 5 23.3 64.°11 1.°2/22.9 17

4 21	16 26.01	−16 54.5	1.996	2.865	12.1	20.5
5 1	16 19.93	−16 57.7	1.944	2.886	8.7	20.3
5 11	16 12.11	−16 59.9	1.917	2.906	4.9	20.1
5 21	16 3.31	−17 2.1	1.916	2.927	1.4	19.9
5 31	15 54.46	−17 5.5	1.944	2.947	3.5	20.1
6 10	15 46.48	−17 11.8	1.998	2.968	7.1	20.4
6 20	15 40.08	−17 22.1	2.078	2.988	10.4	20.6
6 30	15 35.75	−17 37.6	2.180	3.009	13.2	20.9

379411 2010 AW_{56} 5 23.3 182.°02 0.°2/23.2 17

4 21	16 27.47	−20 15.7	2.328	3.186	11.0	21.8
5 1	16 20.97	−20 14.0	2.251	3.187	8.0	21.6
5 11	16 12.74	−20 8.5	2.200	3.188	4.5	21.4
5 21	16 3.45	−20 0.0	2.176	3.187	0.9	21.1
5 31	15 53.95	−19 49.6	2.182	3.187	2.9	21.3
6 10	15 45.13	−19 39.5	2.216	3.185	6.5	21.5
6 20	15 37.70	−19 31.9	2.276	3.183	9.8	21.7
6 30	15 32.21	−19 28.7	2.360	3.180	12.6	21.9

187463 2005 XX_{106} 5 23.3 1.°04 1.°5/21.9 18

4 21	16 16.27	−14 9.0	4.171	5.033	6.5	20.0
5 1	16 12.34	−13 49.9	4.096	5.033	4.7	19.9
5 11	16 7.62	−13 30.9	4.047	5.033	2.8	19.7
5 21	16 2.46	−13 13.3	4.028	5.033	1.5	19.6
5 31	15 57.21	−12 58.2	4.038	5.033	2.4	19.7
6 10	15 52.28	−12 46.8	4.077	5.033	4.3	19.8
6 20	15 47.99	−12 39.8	4.142	5.033	6.1	20.0
6 30	15 44.62	−12 37.8	4.233	5.034	7.8	20.1

473086 2015 HK_{149} 5 23.3 77.°00 0.°1/23.3 17

4 21	16 24.58	−22 47.9	1.930	2.799	12.5	21.0
5 1	16 19.08	−22 12.6	1.864	2.805	9.0	20.8
5 11	16 11.71	−21 29.7	1.821	2.810	5.1	20.6
5 21	16 3.25	−20 41.3	1.805	2.816	1.0	20.3
5 31	15 54.68	−19 50.7	1.816	2.822	3.2	20.5
6 10	15 46.99	−19 2.2	1.855	2.828	7.2	20.7
6 20	15 40.93	−18 19.7	1.918	2.834	10.8	21.0
6 30	15 37.03	−17 46.3	2.004	2.840	13.9	21.2

419689 2010 UJ_{15} 5 23.3 182.°59 2.°3/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.23	−26 36.6	2.064	2.912	12.6	22.2
5 1	16 24.02	−26 58.6	1.987	2.913	9.4	22.0
5 11	16 14.62	−27 12.4	1.933	2.914	5.9	21.8
5 21	16 3.84	−27 16.8	1.907	2.913	2.6	21.6
5 31	15 52.73	−27 11.8	1.909	2.912	3.6	21.7
6 10	15 42.43	−26 59.8	1.940	2.910	7.2	21.9
6 20	15 33.86	−26 44.1	1.996	2.908	10.7	22.1
6 30	15 27.69	−26 29.0	2.075	2.905	13.7	22.3

247860 2003 UM_{47} 5 23.3 191.°36 4.°6/21.3 17

4 21	16 27.86	− 9 26.8	1.930	2.796	12.6	20.9
5 1	16 21.43	− 8 50.1	1.860	2.795	9.4	20.7
5 11	16 13.07	− 8 17.1	1.813	2.793	6.3	20.5
5 21	16 3.53	− 7 51.1	1.794	2.790	4.6	20.4
5 31	15 53.77	− 7 35.2	1.802	2.787	6.1	20.5
6 10	15 44.79	− 7 31.8	1.837	2.783	9.3	20.7
6 20	15 37.39	− 7 41.6	1.895	2.779	12.6	20.9
6 30	15 32.17	− 8 4.3	1.975	2.773	15.5	21.0

297596 2001 SZ_{147} 5 23.3 201.°58 2.°0/21.8 18

4 21	16 22.84	−14 37.8	3.122	3.981	8.5	22.1
5 1	16 17.25	−14 1.3	3.040	3.975	6.2	21.9
5 11	16 10.48	−13 24.0	2.984	3.969	3.7	21.7
5 21	16 3.02	−12 47.6	2.957	3.962	2.0	21.6
5 31	15 55.42	−12 14.4	2.961	3.955	3.3	21.7
6 10	15 48.29	−11 46.4	2.993	3.947	5.8	21.8
6 20	15 42.10	−11 25.2	3.053	3.938	8.3	22.0
6 30	15 37.26	−11 12.0	3.136	3.929	10.4	22.1

180522 2004 DS_{36} 5 23.3 31.°82 8.°2/19.7 18

4 21	16 23.58	− 5 34.7	1.311	2.198	16.0	19.1
5 1	16 18.80	− 4 10.8	1.265	2.206	12.4	18.9
5 11	16 11.69	− 2 56.4	1.241	2.214	9.4	18.7
5 21	16 3.26	− 1 59.0	1.239	2.223	8.3	18.7
5 31	15 54.74	− 1 24.6	1.261	2.232	10.0	18.8
6 10	15 47.37	− 1 15.9	1.305	2.242	13.1	19.0
6 20	15 42.03	− 1 31.9	1.370	2.252	16.5	19.2
6 30	15 39.29	− 2 9.6	1.451	2.263	19.4	19.5

307128 2002 CU_{150} 5 23.3 128.°89 0.°1/23.3 17

4 21	16 30.41	−20 2.9	1.480	2.355	15.2	20.3
5 1	16 23.87	−20 15.7	1.416	2.360	11.1	20.0
5 11	16 14.69	−20 24.6	1.374	2.364	6.3	19.7
5 21	16 3.86	−20 29.5	1.357	2.369	1.2	19.4
5 31	15 52.73	−20 31.5	1.367	2.373	4.0	19.6
6 10	15 42.69	−20 33.0	1.402	2.377	8.9	19.9
6 20	15 34.86	−20 36.9	1.460	2.381	13.3	20.2
6 30	15 29.93	−20 45.9	1.539	2.384	17.0	20.4

352047 2006 VO_{129} 5 23.3 201.°61 1.°1/24.2 18

4 21	16 24.26	−26 58.5	2.545	3.394	10.5	20.9
5 1	16 18.56	−26 24.0	2.463	3.392	7.7	20.8
5 11	16 11.32	−25 40.2	2.406	3.389	4.6	20.6
5 21	16 3.19	−24 48.4	2.376	3.386	1.6	20.3
5 31	15 54.94	−23 50.9	2.377	3.382	2.6	20.4
6 10	15 47.35	−22 51.5	2.405	3.378	5.8	20.6
6 20	15 41.06	−21 54.0	2.461	3.374	8.9	20.8
6 30	15 36.55	−21 2.2	2.541	3.370	11.6	21.0

439383 2013 AV_{93} 5 23.3 202.°54 1.°9/22.2 16

4 21	16 23.31	−14 56.8	2.654	3.517	9.7	22.1
5 1	16 17.79	−14 34.8	2.575	3.513	7.0	21.9
5 11	16 10.87	−14 12.3	2.522	3.509	4.1	21.7
5 21	16 3.12	−13 51.0	2.498	3.505	2.0	21.5
5 31	15 55.20	−13 32.8	2.502	3.500	3.5	21.6
6 10	15 47.82	−13 19.7	2.535	3.495	6.4	21.8
6 20	15 41.54	−13 13.2	2.594	3.489	9.2	22.0
6 30	15 36.85	−13 14.1	2.676	3.483	11.6	22.2

176708 2002 QY_{53} 5 23.3 323.°95 2.°0/22.7 17

4 21	16 24.85	−17 8.0	1.268	2.160	16.0	20.0
5 1	16 20.31	−16 56.3	1.193	2.146	11.7	19.7
5 11	16 12.91	−16 42.5	1.140	2.133	6.8	19.3
5 21	16 3.58	−16 28.6	1.109	2.120	2.2	19.0
5 31	15 53.67	−16 17.8	1.103	2.108	5.1	19.2
6 10	15 44.74	−16 13.6	1.120	2.096	10.4	19.4
6 20	15 38.03	−16 18.7	1.158	2.085	15.4	19.7
6 30	15 34.41	−16 35.1	1.214	2.075	19.6	19.9

171562 1999 TZ_{177} 5 23.3 224.°54 0.°4/23.0 17

4 21	16 19.16	−19 46.6	4.054	4.909	6.8	22.2
5 1	16 14.47	−19 31.0	3.963	4.898	4.9	22.1
5 11	16 8.88	−19 13.0	3.899	4.887	2.8	21.9
5 21	16 2.75	−18 53.4	3.865	4.876	0.6	21.7
5 31	15 56.49	−18 33.5	3.860	4.864	1.9	21.8
6 10	15 50.55	−18 14.5	3.886	4.852	4.1	21.9
6 20	15 45.32	−17 57.8	3.939	4.840	6.2	22.1
6 30	15 41.10	−17 44.6	4.017	4.827	8.0	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
418114 2007 YT_{12}			5 23.4 158°.07		0°.8/23.6 17	
	h m	° ′			°	m
4 21	16 29.93	−22 24.8	1.659	2.527	14.2	21.7
5 1	16 23.37	−22 37.6	1.591	2.530	10.4	21.5
5 11	16 14.37	−22 44.4	1.545	2.533	6.1	21.2
5 21	16 3.84	−22 44.9	1.525	2.536	1.5	20.9
5 31	15 53.00	−22 39.9	1.532	2.538	3.6	21.1
6 10	15 43.15	−22 32.3	1.565	2.540	8.2	21.4
6 20	15 35.30	−22 25.2	1.623	2.542	12.3	21.6
6 30	15 30.15	−22 22.1	1.702	2.543	15.8	21.8
225930 2002 AL_{161}			5 23.4 200°.81		1°.3/24.1 18	R
4 21	16 27.67	−25 45.7	2.374	3.223	11.2	21.6
5 1	16 21.19	−25 35.8	2.290	3.219	8.2	21.4
5 11	16 12.92	−25 17.8	2.230	3.213	4.9	21.2
5 21	16 3.55	−24 52.0	2.198	3.208	1.7	21.0
5 31	15 53.94	−24 20.0	2.196	3.201	2.9	21.0
6 10	15 45.02	−23 44.7	2.222	3.194	6.3	21.2
6 20	15 37.53	−23 9.6	2.275	3.186	9.6	21.4
6 30	15 32.03	−22 38.1	2.351	3.177	12.4	21.6
348930 2006 TW_{46}			5 23.4 113°.05		2°.4/24.5 17	
4 21	16 27.87	−27 53.8	2.567	3.407	10.7	21.4
5 1	16 21.19	−28 23.9	2.501	3.422	8.0	21.2
5 11	16 12.85	−28 46.6	2.461	3.437	5.1	21.1
5 21	16 3.53	−29 0.7	2.449	3.451	2.7	20.9
5 31	15 54.05	−29 6.4	2.465	3.466	3.3	21.0
6 10	15 45.25	−29 5.1	2.511	3.479	5.9	21.2
6 20	15 37.84	−28 59.3	2.583	3.493	8.7	21.4
6 30	15 32.32	−28 52.0	2.679	3.506	11.1	21.6
140927 2001 VM_{74}			5 23.4 191°.79		0°.6/22.9 18	
4 21	16 23.55	−20 44.7	2.520	3.382	10.2	20.6
5 1	16 18.03	−20 11.0	2.442	3.380	7.3	20.4
5 11	16 11.04	−19 32.4	2.390	3.379	4.2	20.2
5 21	16 3.18	−18 50.7	2.366	3.377	0.9	20.0
5 31	15 55.19	−18 8.2	2.371	3.375	2.8	20.1
6 10	15 47.81	−17 28.2	2.404	3.373	6.1	20.3
6 20	15 41.66	−16 53.2	2.464	3.370	9.2	20.5
6 30	15 37.21	−16 25.7	2.547	3.367	11.8	20.7
20404 1998 OB_{14}			5 23.4 30°.53		11°.1/29.4 18	
4 21	16 32.49	−48 58.8	1.763	2.536	17.5	18.1
5 1	16 26.00	−49 54.7	1.697	2.540	15.3	17.9
5 11	16 16.17	−50 24.6	1.651	2.545	13.1	17.8
5 21	16 4.21	−50 22.8	1.625	2.550	11.6	17.7
5 31	15 51.88	−49 47.2	1.621	2.556	11.1	17.7
6 10	15 41.03	−48 42.0	1.640	2.561	12.0	17.7
6 20	15 33.02	−47 15.4	1.682	2.567	13.8	17.9
6 30	15 28.59	−45 37.9	1.743	2.574	15.9	18.0
462216 2007 VK_{253}			5 23.4 99°.98		4°.1/21.7 18	
4 21	16 29.14	−11 52.2	1.613	2.487	14.2	21.2
5 1	16 22.40	−11 12.8	1.567	2.508	10.4	21.0
5 11	16 13.60	−10 36.3	1.543	2.528	6.5	20.9
5 21	16 3.67	−10 6.2	1.546	2.548	4.1	20.8
5 31	15 53.77	− 9 46.0	1.575	2.567	6.0	20.9
6 10	15 45.00	− 9 37.9	1.631	2.586	9.6	21.2
6 20	15 38.18	− 9 43.0	1.709	2.605	13.1	21.4
6 30	15 33.82	−10 0.7	1.808	2.623	16.1	21.6
106222 2000 UN_{38}			5 23.4 212°.22		1°.6/24.1 17	
4 21	16 25.29	−25 32.8	2.400	3.253	10.9	19.8
5 1	16 19.49	−25 45.6	2.320	3.251	8.1	19.7
5 11	16 11.97	−25 52.0	2.265	3.248	4.9	19.5
5 21	16 3.38	−25 51.6	2.238	3.246	2.0	19.2
5 31	15 54.55	−25 44.8	2.239	3.243	2.9	19.3
6 10	15 46.33	−25 33.8	2.268	3.241	6.2	19.5
6 20	15 39.47	−25 21.1	2.323	3.238	9.3	19.7
6 30	15 34.51	−25 9.5	2.402	3.235	12.0	19.9
295755 2008 UQ_{138}			5 23.4 62°.00		0°.6/23.5 17	
4 21	16 29.78	−21 43.4	1.297	2.178	16.5	20.9
5 1	16 23.78	−21 53.0	1.233	2.180	12.1	20.7
5 11	16 14.81	−21 56.3	1.191	2.181	7.0	20.4
5 21	16 3.96	−21 53.0	1.172	2.183	1.5	20.0
5 31	15 52.73	−21 44.6	1.178	2.185	4.2	20.2
6 10	15 42.73	−21 34.6	1.209	2.187	9.6	20.5
6 20	15 35.17	−21 27.1	1.262	2.189	14.4	20.8
6 30	15 30.83	−21 25.9	1.333	2.191	18.4	21.1
277799 2006 EM_{73}			5 23.4 226°.54		2°.1/22.3 18	
4 21	16 25.09	−16 19.9	2.017	2.888	11.9	21.3
5 1	16 19.47	−15 50.6	1.941	2.883	8.7	21.1
5 11	16 12.01	−15 19.4	1.889	2.878	5.1	20.9
5 21	16 3.40	−14 48.4	1.864	2.872	2.1	20.7
5 31	15 54.55	−14 20.6	1.866	2.866	4.1	20.8
6 10	15 46.42	−13 58.8	1.895	2.860	7.8	21.0
6 20	15 39.77	−13 45.5	1.950	2.854	11.3	21.2
6 30	15 35.19	−13 42.0	2.026	2.847	14.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
475295 2005 XS_{32}			5 23.4 315°.09		3°.4/22.2 17	
	h m	° ′			°	m
4 21	16 24.57	−10 9.1	2.090	2.959	11.7	20.3
5 1	16 19.10	−10 12.7	2.009	2.947	8.7	20.1
5 11	16 11.82	−10 21.3	1.951	2.935	5.5	19.8
5 21	16 3.37	−10 36.2	1.921	2.923	3.4	19.7
5 31	15 54.59	−10 58.7	1.918	2.911	4.9	19.7
6 10	15 46.39	−11 29.5	1.942	2.900	8.1	19.9
6 20	15 39.55	−12 8.5	1.991	2.889	11.4	20.1
6 30	15 34.67	−12 55.2	2.062	2.879	14.3	20.3
201425 2002 YP_{14}			5 23.4 254°.27		4°.5/25.2 18	
4 21	16 30.51	−31 40.2	1.428	2.285	16.7	20.1
5 1	16 24.47	−31 45.0	1.348	2.275	12.9	19.8
5 11	16 15.32	−31 32.5	1.289	2.265	8.7	19.5
5 21	16 4.08	−31 0.1	1.253	2.254	5.0	19.3
5 31	15 52.31	−30 8.9	1.242	2.243	5.5	19.3
6 10	15 41.68	−29 4.7	1.256	2.232	9.6	19.5
6 20	15 33.55	−27 55.6	1.293	2.221	14.1	19.7
6 30	15 28.76	−26 50.3	1.350	2.209	18.1	19.9
510064 2010 HO_{45}			5 23.4 124°.45		2°.8/22.1 17	
4 21	16 24.48	−12 6.4	2.287	3.153	10.9	21.3
5 1	16 18.78	−11 58.9	2.219	3.157	8.0	21.1
5 11	16 11.51	−11 53.7	2.176	3.160	4.9	20.9
5 21	16 3.29	−11 52.5	2.160	3.164	2.8	20.8
5 31	15 54.92	−11 56.8	2.172	3.167	4.2	20.9
6 10	15 47.19	−12 7.7	2.213	3.171	7.3	21.1
6 20	15 40.76	−12 25.9	2.278	3.174	10.2	21.3
6 30	15 36.13	−12 51.4	2.366	3.177	12.8	21.4
64498 2001 VZ_{64}			5 23.4 355°.91		4°.1/24.7 18	
4 21	16 24.91	−28 42.5	1.044	1.934	18.9	17.7
5 1	16 20.92	−28 59.5	0.983	1.929	14.4	17.4
5 11	16 13.48	−29 0.1	0.940	1.926	9.3	17.1
5 21	16 3.74	−28 42.3	0.918	1.924	4.7	16.8
5 31	15 53.50	−28 7.4	0.918	1.923	5.6	16.9
6 10	15 44.69	−27 21.9	0.939	1.923	10.7	17.2
6 20	15 38.76	−26 34.0	0.981	1.925	15.8	17.4
6 30	15 36.55	−25 51.5	1.039	1.927	20.2	17.7
10378 Ingmarbergman			5 23.4 284°.33		0°.3/23.5 18	
4 21	16 24.50	−22 30.3	2.038	2.905	12.0	18.1
5 1	16 19.09	−22 16.5	1.963	2.902	8.7	17.9
5 11	16 11.81	−21 56.6	1.911	2.899	5.0	17.6
5 21	16 3.38	−21 31.3	1.885	2.897	1.1	17.3
5 31	15 54.72	−21 3.0	1.888	2.894	3.1	17.5
6 10	15 46.80	−20 34.6	1.917	2.891	7.0	17.7
6 20	15 40.41	−20 9.4	1.972	2.889	10.5	17.9
6 30	15 36.11	−19 50.3	2.049	2.886	13.6	18.1
472784 2015 FD_{150}			5 23.4 31°.46		5°.5/20.7 17	
4 21	16 23.31	− 8 41.1	1.710	2.589	13.3	20.7
5 1	16 18.28	− 7 44.7	1.653	2.593	10.0	20.5
5 11	16 11.34	− 6 53.0	1.618	2.597	6.9	20.3
5 21	16 3.29	− 6 10.8	1.609	2.602	5.5	20.3
5 31	15 55.09	− 5 42.1	1.626	2.607	7.1	20.4
6 10	15 47.77	− 5 29.7	1.667	2.612	10.2	20.5
6 20	15 42.09	− 5 34.2	1.731	2.618	13.4	20.8
6 30	15 38.59	− 5 54.6	1.815	2.624	16.2	21.0
505959 2015 FB_{238}			5 23.4 257°.73		3°.9/21.6 18	
4 21	16 25.00	−11 26.1	1.876	2.749	12.6	20.9
5 1	16 19.52	−10 54.0	1.802	2.742	9.3	20.7
5 11	16 12.09	−10 24.2	1.751	2.735	6.0	20.5
5 21	16 3.45	− 9 59.6	1.727	2.728	3.9	20.3
5 31	15 54.54	− 9 43.5	1.730	2.721	5.6	20.4
6 10	15 46.35	− 9 38.3	1.758	2.714	9.0	20.6
6 20	15 39.72	− 9 45.2	1.811	2.707	12.5	20.8
6 30	15 35.23	−10 4.2	1.884	2.699	15.5	21.0
361722 2007 WF_{19}			5 23.4 307°.15		2°.6/22.5 17	
4 21	16 25.43	−16 47.0	1.238	2.131	16.3	20.7
5 1	16 21.06	−16 21.1	1.148	2.101	12.1	20.3
5 11	16 13.59	−15 51.3	1.079	2.071	7.2	20.0
5 21	16 3.83	−15 20.5	1.032	2.042	2.8	19.6
5 31	15 53.14	−14 53.0	1.009	2.013	5.8	19.7
6 10	15 43.19	−14 34.0	1.009	1.984	11.5	19.9
6 20	15 35.45	−14 27.7	1.029	1.956	16.9	20.1
6 30	15 31.00	−14 36.7	1.067	1.928	21.7	20.3
505940 2015 FW_{65}			5 23.4 309°.12		0°.1/23.3 18	
4 21	16 24.82	−24 15.3	1.758	2.628	13.4	20.7
5 1	16 19.53	−23 18.2	1.681	2.623	9.8	20.5
5 11	16 12.13	−22 9.6	1.629	2.618	5.6	20.2
5 21	16 3.45	−20 52.4	1.602	2.614	1.1	19.9
5 31	15 54.59	−19 31.5	1.603	2.609	3.5	20.0
6 10	15 46.65	−18 13.3	1.631	2.605	8.0	20.3
6 20	15 40.49	−17 3.6	1.683	2.600	12.0	20.5
6 30	15 36.69	−16 6.5	1.757	2.596	15.4	20.7

34357 2000 RO_{21} 5 23.4 75°.82 2°.2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.70	−16 17.2	2.183	3.055	11.1	19.1
5 1	16 17.57	−15 32.0	2.113	3.055	8.0	18.9
5 11	16 10.86	−14 44.6	2.068	3.056	4.7	18.7
5 21	16 3.20	−13 57.7	2.049	3.057	2.2	18.5
5 31	15 55.41	−13 14.8	2.059	3.058	4.1	18.7
6 10	15 48.31	−12 39.1	2.097	3.058	7.4	18.9
6 20	15 42.56	−12 12.9	2.159	3.059	10.5	19.1
6 30	15 38.64	−11 57.6	2.243	3.060	13.3	19.3

68689 2002 CZ_{150} 5 23.4 349°.08 2°.3/22.8 17

4 21	16 28.14	−15 13.6	1.258	2.147	16.4	19.1
5 1	16 22.62	−15 22.4	1.194	2.144	12.0	18.9
5 11	16 14.21	−15 33.1	1.150	2.141	7.0	18.6
5 21	16 3.90	−15 46.6	1.130	2.140	2.5	18.3
5 31	15 53.14	−16 4.5	1.134	2.138	5.2	18.5
6 10	15 43.50	−16 28.1	1.162	2.137	10.3	18.7
6 20	15 36.20	−16 58.6	1.212	2.136	15.1	19.0
6 30	15 32.05	−17 36.7	1.280	2.136	19.1	19.3

88171 2000 XV_{26} 5 23.4 267°.84 2°.3/24.2 18

4 21	16 27.27	−26 25.9	2.354	3.202	11.3	19.4
5 1	16 21.09	−27 3.5	2.268	3.194	8.4	19.2
5 11	16 13.00	−27 35.3	2.207	3.186	5.3	19.0
5 21	16 3.65	−27 59.6	2.173	3.178	2.6	18.8
5 31	15 53.90	−28 15.8	2.169	3.170	3.4	18.8
6 10	15 44.72	−28 24.9	2.192	3.162	6.5	19.0
6 20	15 36.93	−28 29.1	2.241	3.154	9.6	19.2
6 30	15 31.17	−28 31.4	2.314	3.146	12.4	19.4

468068 2013 SK_{56} 5 23.4 280°.05 0°.3/23.5 17

4 21	16 27.19	−22 24.8	1.652	2.524	14.0	21.7
5 1	16 21.65	−22 14.1	1.561	2.504	10.4	21.4
5 11	16 13.59	−21 55.8	1.493	2.483	6.0	21.1
5 21	16 3.79	−21 30.6	1.450	2.462	1.3	20.7
5 31	15 53.42	−21 0.4	1.434	2.441	3.8	20.9
6 10	15 43.79	−20 29.3	1.444	2.419	8.6	21.1
6 20	15 36.03	−20 1.6	1.477	2.398	13.1	21.3
6 30	15 30.94	−19 41.5	1.530	2.376	17.0	21.5

313655 2003 SZ_{170} 5 23.4 165°.13 0°.2/23.3 17

4 21	16 29.27	−21 30.7	1.903	2.766	12.9	21.9
5 1	16 22.55	−21 9.9	1.833	2.771	9.4	21.6
5 11	16 13.78	−20 42.8	1.787	2.776	5.3	21.4
5 21	16 3.78	−20 10.7	1.769	2.780	1.0	21.1
5 31	15 53.61	−19 36.3	1.778	2.783	3.4	21.3
6 10	15 44.35	−19 3.2	1.815	2.786	7.6	21.6
6 20	15 36.85	−18 35.0	1.877	2.788	11.3	21.8
6 30	15 31.69	−18 14.6	1.962	2.790	14.5	22.0

21550 Laviolette 5 23.4 28°.23 3°.9/25.1 18

4 21	16 26.74	−31 2.8	1.720	2.574	14.5	17.0
5 1	16 21.13	−31 16.0	1.652	2.577	11.1	16.8
5 11	16 13.14	−31 15.5	1.606	2.581	7.4	16.6
5 21	16 3.67	−31 0.2	1.585	2.585	4.3	16.4
5 31	15 53.95	−30 31.0	1.590	2.590	4.7	16.5
6 10	15 45.25	−29 51.9	1.620	2.594	8.0	16.7
6 20	15 38.55	−29 8.3	1.675	2.599	11.6	16.9
6 30	15 34.50	−28 26.0	1.751	2.604	14.9	17.1

348303 2005 AB_{2} 5 23.4 159°.44 2°.7/24.9 18

4 21	16 27.61	−30 21.3	2.400	3.238	11.4	21.4
5 1	16 21.12	−30 17.4	2.326	3.244	8.7	21.2
5 11	16 12.88	−30 2.8	2.276	3.250	5.6	21.0
5 21	16 3.60	−29 37.2	2.254	3.255	3.0	20.8
5 31	15 54.19	−29 1.9	2.260	3.260	3.5	20.9
6 10	15 45.55	−28 20.2	2.294	3.264	6.2	21.1
6 20	15 38.42	−27 35.9	2.355	3.268	9.2	21.2
6 30	15 33.31	−26 53.3	2.439	3.271	11.9	21.4

121618 1999 VL_{158} 5 23.4 222°.38 0°.4/23.6 18

4 21	16 25.91	−23 4.5	2.101	2.963	11.9	20.4
5 1	16 20.11	−22 48.2	2.021	2.958	8.7	20.2
5 11	16 12.41	−22 25.0	1.964	2.952	5.0	19.9
5 21	16 3.53	−21 55.8	1.934	2.946	1.1	19.6
5 31	15 54.41	−21 22.8	1.933	2.939	3.0	19.8
6 10	15 46.00	−20 49.3	1.959	2.932	6.9	20.0
6 20	15 39.11	−20 18.6	2.011	2.925	10.5	20.2
6 30	15 34.32	−19 54.0	2.085	2.918	13.6	20.4

190680 2001 CM_{2} 5 23.4 151°.49 4°.4/25.7 18

4 21	16 28.96	−34 3.3	2.154	2.984	12.8	20.0
5 1	16 22.39	−34 19.2	2.081	2.989	10.0	19.8
5 11	16 13.73	−34 21.4	2.031	2.994	7.1	19.6
5 21	16 3.79	−34 8.5	2.008	2.999	4.8	19.5
5 31	15 53.64	−33 40.9	2.011	3.004	4.9	19.5
6 10	15 44.37	−33 1.8	2.042	3.008	7.3	19.7
6 20	15 36.87	−32 16.1	2.099	3.011	10.2	19.9
6 30	15 31.72	−31 29.2	2.178	3.015	12.9	20.0

351523 2005 SC_{119} 5 23.4 299°.73 8°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 21.45	+ 2 10.6	2.116	2.967	12.3	20.1
5 1	16 16.76	+ 3 24.3	2.048	2.954	10.3	20.0
5 11	16 10.46	+ 4 27.1	2.003	2.942	8.8	19.9
5 21	16 3.16	+ 5 13.5	1.983	2.929	8.6	19.8
5 31	15 55.64	+ 5 39.5	1.988	2.917	9.7	19.9
6 10	15 48.71	+ 5 43.0	2.017	2.905	11.7	20.0
6 20	15 43.06	+ 5 24.6	2.067	2.893	13.9	20.1
6 30	15 39.20	+ 4 46.4	2.136	2.881	16.0	20.2

417964 2007 TL_{113} 5 23.4 265°.34 0°.2/23.4 18

4 21	16 30.69	−20 45.8	1.636	2.505	14.3	21.7
5 1	16 24.34	−20 53.8	1.541	2.482	10.6	21.4
5 11	16 15.24	−20 57.4	1.469	2.458	6.2	21.1
5 21	16 4.16	−20 56.3	1.422	2.433	1.2	20.7
5 31	15 52.32	−20 51.3	1.402	2.408	3.9	20.8
6 10	15 41.14	−20 44.9	1.408	2.382	9.0	21.0
6 20	15 31.87	−20 40.6	1.439	2.356	13.7	21.2
6 30	15 25.44	−20 41.7	1.490	2.329	17.7	21.4

350403 2012 VG_{32} 5 23.4 247°.10 1°.0/22.8 17

4 21	16 24.33	−19 30.2	2.101	2.970	11.6	21.8
5 1	16 18.92	−18 57.8	2.021	2.963	8.4	21.6
5 11	16 11.72	−18 20.6	1.965	2.955	4.8	21.3
5 21	16 3.42	−17 40.7	1.937	2.948	1.3	21.1
5 31	15 54.88	−17 0.9	1.936	2.940	3.5	21.2
6 10	15 47.03	−16 24.8	1.963	2.932	7.2	21.4
6 20	15 40.62	−15 55.5	2.015	2.924	10.7	21.6
6 30	15 36.21	−15 35.1	2.089	2.916	13.8	21.8

244599 2002 XP_{118} 5 23.4 248°.46 0°.8/23.0 17

4 21	16 26.11	−17 55.1	2.243	3.107	11.2	21.1
5 1	16 20.19	−17 59.4	2.157	3.096	8.1	20.9
5 11	16 12.47	−18 2.2	2.096	3.085	4.6	20.7
5 21	16 3.58	−18 4.1	2.062	3.073	1.1	20.4
5 31	15 54.35	−18 6.1	2.057	3.061	3.2	20.5
6 10	15 45.69	−18 9.9	2.080	3.049	6.9	20.7
6 20	15 38.39	−18 16.9	2.128	3.037	10.3	20.9
6 30	15 33.03	−18 28.8	2.200	3.024	13.2	21.1

311172 2004 TC_{260} 5 23.4 160°.68 2°.8/22.0 18

4 21	16 27.94	−16 49.1	1.541	2.419	14.5	20.4
5 1	16 21.89	−15 52.8	1.477	2.423	10.5	20.1
5 11	16 13.52	−14 52.4	1.436	2.426	6.2	19.9
5 21	16 3.77	−13 52.2	1.420	2.428	2.9	19.7
5 31	15 53.84	−12 57.4	1.431	2.431	5.3	19.8
6 10	15 44.98	−12 13.0	1.468	2.432	9.6	20.1
6 20	15 38.11	−11 42.6	1.528	2.434	13.7	20.3
6 30	15 33.84	−11 27.8	1.607	2.435	17.2	20.6

66633 1999 RB_{212} 5 23.4 351°.28 9°.5/26.7 18

4 21	16 24.86	−39 15.0	1.291	2.140	18.6	17.2
5 1	16 20.93	−40 17.3	1.222	2.131	15.5	16.9
5 11	16 13.57	−40 57.4	1.172	2.123	12.3	16.7
5 21	16 3.85	−41 9.2	1.141	2.117	9.9	16.6
5 31	15 53.46	−40 50.0	1.133	2.112	9.7	16.5
6 10	15 44.35	−40 3.8	1.146	2.109	11.9	16.6
6 20	15 38.04	−38 59.0	1.180	2.107	15.2	16.8
6 30	15 35.44	−37 46.1	1.232	2.106	18.5	17.0

381419 2008 KE_{43} 5 23.4 231°.31 3°.5/19.8 18

4 21	16 15.92	− 2 2.8	4.571	5.415	6.3	20.7
5 1	16 12.06	− 1 40.6	4.501	5.413	5.0	20.6
5 11	16 7.52	− 1 23.2	4.458	5.411	3.9	20.5
5 21	16 2.58	− 1 11.7	4.443	5.409	3.5	20.4
5 31	15 57.57	− 1 7.5	4.456	5.407	4.1	20.5
6 10	15 52.83	− 1 11.0	4.497	5.405	5.3	20.6
6 20	15 48.65	− 1 22.3	4.563	5.403	6.6	20.7
6 30	15 45.28	− 1 41.2	4.653	5.401	7.9	20.8

239267 2007 HT_{22} 5 23.4 14°.77 1°.7/22.8 16

4 21	16 27.89	−18 23.7	1.229	2.118	16.7	21.2
5 1	16 22.43	−18 0.5	1.167	2.118	12.1	20.9
5 11	16 14.08	−17 32.9	1.127	2.119	7.0	20.6
5 21	16 3.90	−17 3.4	1.109	2.120	2.0	20.3
5 31	15 53.41	−16 35.9	1.116	2.121	5.0	20.5
6 10	15 44.15	−16 15.1	1.147	2.122	10.4	20.8
6 20	15 37.31	−16 4.6	1.199	2.124	15.2	21.1
6 30	15 33.63	−16 6.5	1.269	2.125	19.2	21.3

70684 1999 UD_{9} 5 23.4 297°.89 1°.4/23.9 18

4 21	16 27.23	−23 42.7	1.797	2.663	13.4	18.8
5 1	16 21.45	−24 3.7	1.718	2.656	9.9	18.5
5 11	16 13.37	−24 18.7	1.663	2.649	5.9	18.3
5 21	16 3.77	−24 26.8	1.633	2.643	1.9	18.0
5 31	15 53.76	−24 28.5	1.630	2.636	3.5	18.1
6 10	15 44.54	−24 25.7	1.654	2.630	7.7	18.3
6 20	15 37.09	−24 21.5	1.703	2.624	11.7	18.6
6 30	15 32.13	−24 19.2	1.772	2.618	15.1	18.8

147144 2002 TS_{255} 5 23.4 242°.81 0°.9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.88	−23 38.6	1.937	2.797	12.8	21.2
5 1	16 22.56	−23 34.9	1.846	2.781	9.5	21.0
5 11	16 13.98	−23 24.0	1.779	2.765	5.6	20.7
5 21	16 3.89	−23 5.6	1.738	2.749	1.5	20.4
5 31	15 53.35	−22 41.4	1.726	2.732	3.3	20.5
6 10	15 43.51	−22 14.4	1.740	2.714	7.6	20.7
6 20	15 35.34	−21 48.5	1.780	2.695	11.6	20.9
6 30	15 29.58	−21 27.4	1.842	2.676	15.0	21.1

65878 1997 XD_{10} 5 23.4 7°.40 5°.5/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.47	−33 12.7	1.292	2.155	17.8	18.4
5 1	16 23.12	−33 28.2	1.227	2.155	13.9	18.1
5 11	16 14.58	−33 24.2	1.182	2.155	9.6	17.9
5 21	16 4.01	−32 58.0	1.158	2.156	6.1	17.7
5 31	15 53.07	−32 10.7	1.159	2.158	6.3	17.7
6 10	15 43.51	−31 8.7	1.183	2.159	9.9	17.9
6 20	15 36.63	−30 0.7	1.229	2.162	14.2	18.1
6 30	15 33.18	−28 55.4	1.294	2.164	18.1	18.4

380612 2004 TK_{123} 5 23.4 237°.65 5°.8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.37	− 6 39.4	2.084	2.949	11.8	20.9
5 1	16 18.90	− 5 28.4	2.008	2.938	9.1	20.7
5 11	16 11.71	− 4 21.2	1.957	2.927	6.7	20.5
5 21	16 3.44	− 3 22.6	1.932	2.915	5.8	20.4
5 31	15 54.93	− 2 37.4	1.935	2.903	7.3	20.5
6 10	15 47.06	− 2 8.6	1.963	2.890	10.0	20.6
6 20	15 40.56	− 1 57.5	2.015	2.877	12.8	20.8
6 30	15 35.97	− 2 3.8	2.087	2.864	15.4	20.9

298745 2004 GL_{66} 5 23.4 119°.15 2°.4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.60	−15 15.9	2.291	3.159	10.8	20.8
5 1	16 18.11	−14 30.0	2.228	3.169	7.8	20.6
5 11	16 11.13	−13 43.0	2.191	3.178	4.6	20.4
5 21	16 3.31	−12 57.6	2.181	3.187	2.4	20.3
5 31	15 55.42	−12 17.0	2.200	3.196	4.1	20.4
6 10	15 48.23	−11 44.0	2.246	3.204	7.2	20.6
6 20	15 42.36	−11 20.7	2.318	3.213	10.1	20.8
6 30	15 38.26	−11 8.2	2.412	3.221	12.7	21.0

470475 2008 AB_{103} 5 23.4 140°.48 3°.0/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.44	−11 37.1	2.279	3.145	10.9	21.5
5 1	16 18.78	−11 22.6	2.211	3.149	8.0	21.3
5 11	16 11.56	−11 10.6	2.169	3.153	5.0	21.1
5 21	16 3.40	−11 3.0	2.153	3.156	3.0	21.0
5 31	15 55.09	−11 1.6	2.166	3.159	4.5	21.1
6 10	15 47.43	−11 7.8	2.206	3.162	7.4	21.3
6 20	15 41.07	−11 22.1	2.272	3.165	10.4	21.4
6 30	15 36.50	−11 44.9	2.359	3.168	12.9	21.6

165294 2000 TG_{15} 5 23.4 169°.98 1°.8/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.91	−17 32.4	1.798	2.667	13.2	21.4
5 1	16 22.38	−17 0.2	1.730	2.671	9.6	21.2
5 11	16 13.74	−16 24.6	1.685	2.675	5.5	20.9
5 21	16 3.83	−15 48.1	1.668	2.677	2.0	20.7
5 31	15 53.75	−15 13.9	1.678	2.679	4.3	20.8
6 10	15 44.58	−14 45.7	1.714	2.681	8.4	21.1
6 20	15 37.20	−14 26.4	1.776	2.681	12.1	21.3
6 30	15 32.19	−14 17.9	1.858	2.681	15.4	21.5

250817 2005 UD_{59} 5 23.4 176°.50 0°.4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.76	−21 16.4	2.671	3.531	9.7	20.6
5 1	16 17.42	−20 42.7	2.595	3.532	7.0	20.4
5 11	16 10.73	−20 4.1	2.545	3.533	4.0	20.2
5 21	16 3.24	−19 22.1	2.523	3.534	0.8	20.0
5 31	15 55.64	−18 39.3	2.530	3.534	2.6	20.1
6 10	15 48.63	−17 58.5	2.565	3.534	5.8	20.3
6 20	15 42.77	−17 22.3	2.628	3.534	8.6	20.5
6 30	15 38.50	−16 52.9	2.714	3.534	11.1	20.7

254250 2004 RZ_{156} 5 23.4 305°.50 2°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.15	−28 0.3	2.107	2.962	12.1	20.4
5 1	16 19.07	−28 4.9	2.013	2.943	9.2	20.2
5 11	16 11.96	−28 0.0	1.943	2.923	5.8	19.9
5 21	16 3.52	−27 45.1	1.898	2.904	2.8	19.7
5 31	15 54.67	−27 21.0	1.882	2.885	3.5	19.7
6 10	15 46.43	−26 50.5	1.892	2.866	7.0	19.9
6 20	15 39.69	−26 17.4	1.927	2.848	10.5	20.1
6 30	15 35.12	−25 45.8	1.984	2.829	13.7	20.2

439903 2000 WR_{56} 5 23.4 263°.16 0°.5/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.21	−22 7.2	2.593	3.451	10.1	21.1
5 1	16 18.64	−21 18.1	2.492	3.428	7.3	20.9
5 11	16 11.52	−20 21.5	2.417	3.406	4.2	20.7
5 21	16 3.41	−19 19.4	2.371	3.382	0.9	20.4
5 31	15 55.06	−18 14.9	2.354	3.359	2.9	20.5
6 10	15 47.23	−17 11.8	2.367	3.334	6.3	20.7
6 20	15 40.57	−16 13.8	2.406	3.310	9.5	20.8
6 30	15 35.61	−15 24.2	2.469	3.285	12.2	21.0

34786 2001 RS_{87} 5 23.4 303°.13 0°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.26	−22 49.3	1.959	2.827	12.3	18.8
5 1	16 19.09	−22 38.4	1.877	2.818	9.0	18.5
5 11	16 11.93	−22 20.8	1.820	2.808	5.2	18.3
5 21	16 3.50	−21 57.4	1.788	2.799	1.2	18.0
5 31	15 54.77	−21 30.2	1.784	2.790	3.2	18.1
6 10	15 46.76	−21 2.4	1.806	2.781	7.2	18.3
6 20	15 40.31	−20 37.4	1.853	2.772	11.0	18.5
6 30	15 36.03	−20 18.2	1.922	2.764	14.2	18.7

370175 2002 BW_{24} 5 23.4 154°.46 5°.7/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.66	− 5 3.0	2.154	3.013	11.8	21.1
5 1	16 19.64	− 4 13.4	2.095	3.020	9.1	20.9
5 11	16 12.03	− 3 30.5	2.060	3.027	6.7	20.8
5 21	16 3.50	− 2 58.0	2.052	3.033	5.7	20.7
5 31	15 54.87	− 2 39.1	2.071	3.038	7.0	20.8
6 10	15 46.97	− 2 35.5	2.117	3.043	9.4	21.0
6 20	15 40.46	− 2 47.1	2.186	3.048	12.0	21.1
6 30	15 35.82	− 3 12.8	2.277	3.052	14.3	21.3

24377 2000 AO_{154} 5 23.4 331°.26 1°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.00	−24 16.9	1.634	2.506	14.2	17.5
5 1	16 20.78	−24 40.0	1.556	2.497	10.5	17.2
5 11	16 13.09	−24 56.4	1.501	2.488	6.4	16.9
5 21	16 3.77	−25 5.0	1.471	2.480	2.3	16.7
5 31	15 53.97	−25 6.1	1.467	2.473	3.8	16.8
6 10	15 45.02	−25 1.9	1.488	2.466	8.2	17.0
6 20	15 37.96	−24 55.9	1.533	2.459	12.4	17.2
6 30	15 33.58	−24 51.8	1.599	2.453	16.0	17.4

437525 2013 YD_{106} 5 23.4 296°.04 3°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.88	−13 18.4	1.767	2.644	13.0	20.8
5 1	16 19.64	−12 56.1	1.688	2.632	9.6	20.6
5 11	16 12.31	−12 34.8	1.633	2.620	5.9	20.3
5 21	16 3.60	−12 17.2	1.603	2.608	3.2	20.1
5 31	15 54.54	−12 6.2	1.600	2.597	5.2	20.2
6 10	15 46.20	−12 4.2	1.622	2.585	9.0	20.4
6 20	15 39.48	−12 12.8	1.668	2.574	12.8	20.6
6 30	15 35.05	−12 32.6	1.735	2.563	16.1	20.8

376804 2000 TQ_{42} 5 23.4 217°.28 1°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.26	−18 2.8	2.463	3.320	10.5	21.9
5 1	16 20.88	−17 52.2	2.374	3.310	7.6	21.7
5 11	16 12.82	−17 39.2	2.311	3.299	4.4	21.5
5 21	16 3.70	−17 24.7	2.277	3.287	1.2	21.2
5 31	15 54.30	−17 10.4	2.272	3.275	3.1	21.4
6 10	15 45.45	−16 58.4	2.296	3.262	6.6	21.6
6 20	15 37.86	−16 50.5	2.346	3.247	9.8	21.7
6 30	15 32.09	−16 48.6	2.420	3.233	12.5	21.9

449970 2015 PV_{30} 5 23.4 323°.50 13°.3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.25	−58 16.9	2.140	2.836	16.9	20.6
5 1	16 28.64	−59 31.1	2.058	2.821	15.7	20.5
5 11	16 18.12	−60 19.9	1.992	2.807	14.5	20.4
5 21	16 4.82	−60 36.2	1.946	2.794	13.6	20.3
5 31	15 50.67	−60 15.8	1.919	2.781	13.3	20.2
6 10	15 37.92	−59 20.1	1.913	2.768	13.7	20.2
6 20	15 28.32	−57 55.5	1.927	2.756	14.6	20.2
6 30	15 22.86	−56 11.4	1.960	2.744	16.0	20.3

214802 2006 UT_{204} 5 23.4 284°.94 2°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.97	−28 6.5	2.138	2.988	12.2	20.1
5 1	16 21.11	−28 37.8	2.050	2.976	9.2	19.8
5 11	16 13.15	−29 1.2	1.987	2.964	6.0	19.6
5 21	16 3.79	−29 15.1	1.949	2.952	3.2	19.4
5 31	15 53.98	−29 18.9	1.940	2.940	3.9	19.4
6 10	15 44.80	−29 14.3	1.957	2.929	7.1	19.6
6 20	15 37.16	−29 4.2	2.000	2.917	10.4	19.8
6 30	15 31.75	−28 52.7	2.066	2.905	13.4	20.0

5607 1993 EN 5 23.4 253°.04 4°.5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.74	− 9 55.4	1.981	2.851	12.1	17.2
5 1	16 19.30	− 9 10.9	1.902	2.840	9.1	17.0
5 11	16 12.01	− 8 29.0	1.848	2.829	6.1	16.8
5 21	16 3.55	− 7 53.2	1.820	2.817	4.5	16.6
5 31	15 54.80	− 7 27.3	1.820	2.805	6.1	16.7
6 10	15 46.72	− 7 13.9	1.845	2.793	9.2	16.9
6 20	15 40.08	− 7 14.5	1.895	2.780	12.5	17.1
6 30	15 35.47	− 7 29.0	1.964	2.768	15.4	17.2

384905 2012 TF_{37} 5 23.4 164°.60 1°.7/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.88	−17 32.0	2.017	2.888	11.9	21.2
5 1	16 19.32	−16 59.3	1.947	2.890	8.6	21.0
5 11	16 11.96	−16 23.6	1.902	2.891	5.0	20.8
5 21	16 3.52	−15 47.3	1.883	2.892	1.8	20.6
5 31	15 54.93	−15 13.4	1.892	2.893	3.9	20.7
6 10	15 47.09	−14 45.1	1.928	2.894	7.6	21.0
6 20	15 40.76	−14 25.0	1.989	2.895	11.0	21.2
6 30	15 36.47	−14 14.6	2.071	2.896	14.0	21.4

70123 1999 ME_1 5 23.4 319°.96 2°.5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.59	−18 24.8	1.287	2.179	15.9	18.9
5 1	16 20.04	−17 29.0	1.216	2.168	11.6	18.6
5 11	16 12.78	−16 25.8	1.166	2.158	6.7	18.3
5 21	16 3.76	−15 19.9	1.139	2.149	2.6	18.0
5 31	15 54.33	−14 17.4	1.137	2.140	5.6	18.2
6 10	15 45.95	−13 25.2	1.159	2.131	10.7	18.4
6 20	15 39.77	−12 48.2	1.201	2.123	15.4	18.7
6 30	15 36.55	−12 29.1	1.262	2.115	19.5	18.9

5917 Chibasai 5 23.4 302°.16 5°.3/26.3 18

4 21	16 27.32	−36 6.3	1.645	2.486	15.6	16.1
5 1	16 21.94	−35 51.1	1.557	2.471	12.4	15.9
5 11	16 13.83	−35 14.6	1.491	2.456	8.9	15.6
5 21	16 3.96	−34 15.0	1.448	2.442	5.9	15.4
5 31	15 53.71	−32 53.9	1.431	2.427	5.8	15.4
6 10	15 44.51	−31 18.0	1.439	2.413	8.8	15.5
6 20	15 37.52	−29 36.1	1.472	2.399	12.7	15.7
6 30	15 33.47	−27 57.4	1.526	2.386	16.3	15.9

392182 2009 MG 5 23.4 359°.10 7°.9/21.2 17

4 21	16 22.95	− 1 18.8	1.556	2.428	14.8	19.6
5 1	16 18.31	− 1 0.8	1.496	2.424	11.8	19.4
5 11	16 11.55	− 0 57.1	1.457	2.422	9.1	19.2
5 21	16 3.50	− 1 11.8	1.442	2.421	7.9	19.2
5 31	15 55.20	− 1 47.1	1.451	2.421	9.0	19.2
6 10	15 47.76	− 2 42.5	1.484	2.422	11.7	19.4
6 20	15 42.05	− 3 55.4	1.538	2.424	14.8	19.6
6 30	15 38.68	− 5 21.8	1.612	2.428	17.6	19.8

464652 2001 GE_4 5 23.4 82°.18 1°.5/22.9 18

4 21	16 34.70	−17 25.6	1.711	2.573	14.2	21.9
5 1	16 26.17	−17 12.6	1.679	2.616	10.1	21.8
5 11	16 15.67	−16 57.4	1.671	2.659	5.7	21.6
5 21	16 4.25	−16 41.6	1.690	2.700	1.7	21.4
5 31	15 53.11	−16 27.4	1.737	2.740	4.0	21.7
6 10	15 43.32	−16 17.5	1.813	2.779	7.9	22.0
6 20	15 35.63	−16 13.8	1.913	2.817	11.5	22.3
6 30	15 30.46	−16 17.8	2.035	2.854	14.4	22.5

424813 2008 UR_{128} 5 23.4 235°.31 1°.6/24.0 18

4 21	16 27.84	−24 41.6	1.899	2.760	13.0	21.1
5 1	16 21.80	−24 57.8	1.822	2.757	9.6	20.8
5 11	16 13.57	−25 7.1	1.768	2.754	5.8	20.6
5 21	16 3.92	−25 8.7	1.741	2.750	2.1	20.3
5 31	15 53.92	−25 3.1	1.741	2.746	3.4	20.4
6 10	15 44.72	−24 52.8	1.768	2.742	7.4	20.7
6 20	15 37.23	−24 41.0	1.819	2.738	11.1	20.9
6 30	15 32.14	−24 31.2	1.893	2.734	14.4	21.1

469452 2002 PE_{74} 5 23.4 278°.43 1°.3/24.1 16

4 21	16 25.83	−26 15.4	2.055	2.913	12.3	21.4
5 1	16 20.31	−25 50.4	1.957	2.890	9.2	21.2
5 11	16 12.72	−25 14.9	1.882	2.867	5.5	20.9
5 21	16 3.76	−24 29.2	1.834	2.843	1.8	20.6
5 31	15 54.39	−23 35.8	1.814	2.820	3.2	20.7
6 10	15 45.68	−22 38.8	1.821	2.796	7.2	20.9
6 20	15 38.50	−21 43.1	1.854	2.772	11.0	21.0
6 30	15 33.54	−20 53.5	1.909	2.747	14.4	21.2

422641 1995 SC_{15} 5 23.4 258°.77 3°.0/24.6 17

4 21	16 30.12	−28 29.2	1.775	2.629	14.1	22.0
5 1	16 23.85	−28 40.2	1.681	2.610	10.7	21.8
5 11	16 14.95	−28 40.1	1.610	2.590	6.9	21.5
5 21	16 4.24	−28 27.0	1.565	2.570	3.4	21.3
5 31	15 52.90	−28 1.3	1.546	2.549	4.3	21.3
6 10	15 42.32	−27 26.2	1.554	2.528	8.3	21.4
6 20	15 33.66	−26 47.0	1.586	2.506	12.4	21.6
6 30	15 27.75	−26 9.4	1.640	2.484	16.1	21.8

46500 2610 T-$_3$ 5 23.4 68°.64 1°.4/23.9 18

4 21	16 29.10	−24 52.5	1.396	2.270	16.0	18.9
5 1	16 23.01	−24 45.7	1.342	2.284	11.7	18.6
5 11	16 14.29	−24 28.5	1.310	2.299	6.9	18.4
5 21	16 4.05	−24 1.4	1.303	2.313	2.1	18.1
5 31	15 53.71	−23 27.3	1.320	2.327	3.9	18.3
6 10	15 44.68	−22 51.2	1.363	2.342	8.7	18.6
6 20	15 37.98	−22 18.2	1.429	2.356	13.0	18.9
6 30	15 34.21	−21 52.6	1.515	2.370	16.7	19.2

47185 1999 TC_{146} 5 23.4 71°.90 6°.2/25.8 18

4 21	16 33.37	−34 25.6	1.436	2.282	17.2	18.9
5 1	16 26.32	−35 7.1	1.387	2.302	13.5	18.7
5 11	16 16.26	−35 30.0	1.358	2.323	9.6	18.5
5 21	16 4.44	−35 30.7	1.353	2.344	6.7	18.4
5 31	15 52.50	−35 9.4	1.372	2.364	6.7	18.5
6 10	15 42.10	−34 31.3	1.417	2.384	9.6	18.7
6 20	15 34.37	−33 43.8	1.484	2.405	13.1	18.9
6 30	15 29.97	−32 54.9	1.572	2.425	16.3	19.2

506373 2017 QT_{25} 5 23.4 275°.41 3°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.41	−16 19.4	1.558	2.437	14.4	21.7
5 1	16 21.92	−15 26.0	1.467	2.413	10.6	21.4
5 11	16 13.86	−14 27.1	1.398	2.388	6.4	21.1
5 21	16 4.03	−13 26.6	1.355	2.362	3.1	20.8
5 31	15 53.59	−12 29.8	1.338	2.336	5.7	20.9
6 10	15 43.89	−11 42.5	1.346	2.310	10.3	21.1
6 20	15 36.05	−11 9.3	1.377	2.283	14.9	21.3
6 30	15 30.91	−10 52.7	1.427	2.256	18.9	21.5

148454 2000 YS_{70} 5 23.4 266°.62 3°.3/21.8 18

4 21	16 24.37	−10 11.3	2.453	3.316	10.4	19.8
5 1	16 18.83	− 9 57.6	2.363	3.298	7.7	19.6
5 11	16 11.71	− 9 47.1	2.298	3.279	5.0	19.4
5 21	16 3.56	− 9 41.6	2.261	3.260	3.4	19.3
5 31	15 55.10	− 9 43.1	2.252	3.241	4.7	19.3
6 10	15 47.11	− 9 52.8	2.271	3.222	7.5	19.5
6 20	15 40.27	−10 11.4	2.315	3.203	10.4	19.6
6 30	15 35.10	−10 39.0	2.382	3.183	13.0	19.8

281565 2008 UA_{89} 5 23.4 73°.45 0°.3/23.3 17

4 21	16 26.94	−19 52.5	1.802	2.672	13.1	20.5
5 1	16 21.07	−19 55.8	1.735	2.677	9.5	20.3
5 11	16 13.10	−19 55.6	1.692	2.682	5.4	20.0
5 21	16 3.83	−19 52.4	1.675	2.686	1.1	19.7
5 31	15 54.34	−19 47.6	1.685	2.691	3.4	19.9
6 10	15 45.71	−19 43.6	1.722	2.695	7.6	20.2
6 20	15 38.83	−19 42.6	1.783	2.700	11.4	20.4
6 30	15 34.29	−19 47.0	1.865	2.705	14.7	20.6

516199 2016 SV_{35} 5 23.4 241°.47 1°.3/22.7 18

4 21	16 25.46	−15 48.0	3.022	3.876	8.9	22.5
5 1	16 19.40	−15 49.2	2.923	3.857	6.5	22.4
5 11	16 11.96	−15 50.2	2.852	3.838	3.8	22.1
5 21	16 3.61	−15 51.7	2.809	3.818	1.4	21.9
5 31	15 54.98	−15 54.6	2.796	3.797	2.8	22.0
6 10	15 46.72	−16 0.0	2.814	3.776	5.7	22.2
6 20	15 39.42	−16 8.9	2.859	3.754	8.4	22.3
6 30	15 33.57	−16 22.4	2.928	3.732	10.8	22.5

214642 2006 SA_{56} 5 23.4 141°.21 4°.7/20.6 18

4 21	16 22.85	− 8 1.9	2.274	3.140	10.9	20.7
5 1	16 17.64	− 7 12.1	2.211	3.144	8.3	20.5
5 11	16 10.95	− 6 26.3	2.172	3.147	5.8	20.3
5 21	16 3.40	− 5 48.0	2.160	3.150	4.7	20.3
5 31	15 55.73	− 5 20.4	2.176	3.153	5.9	20.4
6 10	15 48.71	− 5 5.5	2.218	3.156	8.5	20.5
6 20	15 42.94	− 5 4.0	2.285	3.158	11.1	20.7
6 30	15 38.89	− 5 15.7	2.373	3.161	13.5	20.9

183977 2004 EP_{28} 5 23.4 280°.65 2°.0/24.1 18

4 21	16 28.48	−25 44.2	1.653	2.519	14.4	20.4
5 1	16 22.79	−25 51.3	1.560	2.496	10.8	20.1
5 11	16 14.42	−25 49.0	1.489	2.474	6.6	19.8
5 21	16 4.16	−25 36.3	1.442	2.451	2.5	19.5
5 31	15 53.23	−25 14.0	1.422	2.428	4.0	19.6
6 10	15 43.02	−24 45.3	1.428	2.405	8.6	19.8
6 20	15 34.75	−24 15.1	1.458	2.381	13.1	20.0
6 30	15 29.28	−23 48.5	1.508	2.358	17.0	20.2

211096 2002 EQ_{91} 5 23.4 150°.26 0°.2/23.5 17

4 21	16 30.81	−22 3.8	1.792	2.654	13.6	21.1
5 1	16 23.83	−21 53.9	1.726	2.664	9.9	20.9
5 11	16 14.65	−21 37.5	1.684	2.672	5.7	20.6
5 21	16 4.15	−21 15.3	1.669	2.680	1.2	20.3
5 31	15 53.48	−20 49.5	1.682	2.687	3.4	20.5
6 10	15 43.81	−20 23.7	1.721	2.694	7.8	20.8
6 20	15 36.05	−20 1.4	1.786	2.700	11.6	21.0
6 30	15 30.78	−19 45.7	1.873	2.705	14.9	21.3

87970 2000 TT_{38} 5 23.4 263°.17 2°.7/24.4 18

4 21	16 29.52	−27 9.4	1.963	2.815	13.0	19.6
5 1	16 23.23	−27 34.0	1.868	2.796	9.9	19.3
5 11	16 14.54	−27 50.5	1.796	2.776	6.3	19.1
5 21	16 4.19	−27 57.1	1.750	2.756	3.0	18.8
5 31	15 53.24	−27 53.5	1.732	2.735	3.9	18.8
6 10	15 42.91	−27 41.5	1.742	2.714	7.7	19.0
6 20	15 34.26	−27 24.9	1.776	2.693	11.5	19.2
6 30	15 28.10	−27 8.0	1.832	2.671	14.9	19.4

44402 1998 SX_{107} 5 23.4 208°.68 3°.0/24.8 18

4 21	16 27.48	−29 36.4	2.134	2.979	12.4	19.1
5 1	16 21.40	−29 48.5	2.054	2.977	9.4	18.9
5 11	16 13.30	−29 50.3	1.998	2.974	6.1	18.6
5 21	16 3.91	−29 40.7	1.968	2.971	3.4	18.5
5 31	15 54.23	−29 20.4	1.967	2.967	3.9	18.5
6 10	15 45.31	−28 52.1	1.992	2.964	6.9	18.7
6 20	15 38.01	−28 19.8	2.043	2.960	10.2	18.9
6 30	15 32.94	−27 48.0	2.117	2.956	13.2	19.1

21792 1999 ST_7 5 23.4 171°.03 2°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.49	−29 2.0	3.083	3.917	9.3	19.1
5 1	16 19.40	−29 13.7	3.004	3.921	7.0	19.0
5 11	16 11.93	−29 18.0	2.950	3.924	4.5	18.8
5 21	16 3.63	−29 14.6	2.924	3.926	2.4	18.7
5 31	15 55.15	−29 3.9	2.928	3.928	2.8	18.7
6 10	15 47.20	−28 47.7	2.962	3.930	5.1	18.9
6 20	15 40.36	−28 28.2	3.022	3.931	7.6	19.0
6 30	15 35.07	−28 8.2	3.107	3.932	9.8	19.2

210006 2006 JG_{51} 5 23.4 202°.93 0°.8/23.1 17

4 21	16 30.27	−19 11.3	1.885	2.749	13.0	21.2
5 1	16 23.50	−19 1.9	1.806	2.745	9.4	21.0
5 11	16 14.54	−18 48.6	1.751	2.739	5.4	20.7
5 21	16 4.17	−18 32.5	1.722	2.733	1.2	20.4
5 31	15 53.46	−18 15.5	1.722	2.727	3.6	20.6
6 10	15 43.56	−18 0.4	1.749	2.719	7.9	20.8
6 20	15 35.37	−17 50.0	1.802	2.711	11.8	21.1
6 30	15 29.59	−17 46.7	1.876	2.702	15.1	21.3

214449 2005 SC_{31} 5 23.4 199°.29 2°.7/21.4 18

4 21	16 22.21	−11 42.3	3.061	3.920	8.6	21.5
5 1	16 16.93	−11 6.5	2.982	3.916	6.4	21.3
5 11	16 10.48	−10 31.8	2.930	3.912	4.1	21.2
5 21	16 3.34	−10 0.0	2.907	3.907	2.7	21.1
5 31	15 56.07	− 9 33.4	2.913	3.901	3.9	21.1
6 10	15 49.26	− 9 13.8	2.948	3.895	6.2	21.3
6 20	15 43.37	− 9 2.3	3.009	3.889	8.5	21.4
6 30	15 38.83	− 8 59.6	3.094	3.882	10.6	21.6

95159 2002 AE_{178} 5 23.4 337°.71 3°.0/22.2 17

4 21	16 25.15	−14 17.7	1.618	2.499	13.8	19.4
5 1	16 19.96	−13 52.3	1.549	2.495	10.1	19.2
5 11	16 12.56	−13 27.1	1.503	2.492	6.1	18.9
5 21	16 3.79	−13 5.1	1.482	2.489	3.1	18.7
5 31	15 54.73	−12 49.4	1.488	2.487	5.2	18.9
6 10	15 46.54	−12 42.8	1.518	2.484	9.2	19.1
6 20	15 40.14	−12 47.1	1.572	2.482	13.1	19.3
6 30	15 36.17	−13 2.8	1.645	2.480	16.5	19.5

499552 2010 RU_{138} 5 23.4 271°.40 4°.5/25.1 17

4 21	16 29.82	−31 24.4	1.563	2.417	15.7	21.9
5 1	16 23.96	−31 40.6	1.477	2.402	12.2	21.7
5 11	16 15.16	−31 42.0	1.412	2.387	8.3	21.4
5 21	16 4.35	−31 25.7	1.371	2.371	4.9	21.2
5 31	15 52.91	−30 51.9	1.355	2.355	5.4	21.2
6 10	15 42.41	−30 4.7	1.365	2.339	9.2	21.3
6 20	15 34.14	−29 10.7	1.398	2.323	13.4	21.5
6 30	15 29.00	−28 17.6	1.451	2.307	17.2	21.7

235692 2004 SP_{25} 5 23.4 188°.56 5°.1/19.9 18

4 21	16 24.76	− 3 35.1	2.813	3.660	9.7	22.5
5 1	16 18.79	− 2 45.6	2.743	3.659	7.6	22.4
5 11	16 11.56	− 2 1.8	2.698	3.657	5.8	22.2
5 21	16 3.57	− 1 26.8	2.682	3.654	5.2	22.2
5 31	15 55.45	− 1 3.3	2.694	3.651	6.2	22.2
6 10	15 47.85	− 0 52.7	2.734	3.646	8.1	22.4
6 20	15 41.30	− 0 55.4	2.799	3.641	10.2	22.5
6 30	15 36.22	− 1 10.8	2.886	3.635	12.2	22.6

75429 1999 XV_{124} 5 23.4 38°.71 3°.6/25.4 18

4 21	16 27.74	−32 9.4	1.365	2.228	17.0	18.4
5 1	16 22.25	−31 34.5	1.303	2.234	12.9	18.2
5 11	16 13.97	−30 39.0	1.261	2.241	8.4	17.9
5 21	16 4.06	−29 23.6	1.244	2.248	4.3	17.7
5 31	15 54.06	−27 53.2	1.251	2.255	4.7	17.8
6 10	15 45.46	−26 16.5	1.283	2.263	8.9	18.0
6 20	15 39.32	−24 42.9	1.339	2.272	13.3	18.3
6 30	15 36.24	−23 20.2	1.415	2.280	17.1	18.5

279328 2009 XA_{19} 5 23.4 242°.69 3°.0/22.2 18

4 21	16 26.06	−13 17.8	1.907	2.779	12.5	20.4
5 1	16 20.37	−12 58.0	1.832	2.773	9.2	20.1
5 11	16 12.72	−12 39.3	1.781	2.767	5.6	19.9
5 21	16 3.83	−12 24.1	1.756	2.761	3.0	19.7
5 31	15 54.66	−12 14.8	1.758	2.755	4.8	19.8
6 10	15 46.20	−12 13.7	1.786	2.748	8.4	20.0
6 20	15 39.29	−12 21.9	1.840	2.741	12.0	20.2
6 30	15 34.55	−12 40.2	1.914	2.735	15.1	20.4

185724 1998 SN_{101} 5 23.4 282°.89 4°.0/21.4 18

4 21	16 25.93	−14 4.7	1.617	2.496	13.9	20.2
5 1	16 20.74	−13 3.0	1.527	2.472	10.3	19.9
5 11	16 13.16	−11 58.0	1.460	2.447	6.5	19.7
5 21	16 3.95	−10 54.0	1.419	2.422	4.0	19.4
5 31	15 54.21	− 9 57.0	1.404	2.397	6.3	19.5
6 10	15 45.17	− 9 12.3	1.414	2.372	10.5	19.7
6 20	15 37.88	− 8 43.8	1.446	2.346	14.7	19.9
6 30	15 33.11	− 8 33.4	1.498	2.321	18.4	20.1

338845 2003 XW_7 5 23.4 205°.51 2°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.55	−28 58.5	2.551	3.390	10.8	21.6
5 1	16 21.20	−29 6.2	2.465	3.385	8.2	21.4
5 11	16 13.11	−29 5.1	2.403	3.379	5.3	21.2
5 21	16 3.92	−28 54.6	2.369	3.372	2.7	21.0
5 31	15 54.47	−28 35.3	2.364	3.365	3.3	21.0
6 10	15 45.63	−28 9.4	2.388	3.358	6.1	21.2
6 20	15 38.14	−27 40.2	2.438	3.350	9.0	21.4
6 30	15 32.56	−27 11.3	2.512	3.341	11.7	21.5

207635 2006 SS_{390} 5 23.4 128°.20 3°.6/21.3 17

4 21	16 23.32	−11 22.6	2.257	3.126	10.9	20.4
5 1	16 18.02	−10 36.8	2.193	3.131	8.1	20.2
5 11	16 11.21	− 9 52.7	2.154	3.136	5.2	20.1
5 21	16 3.53	− 9 13.4	2.143	3.141	3.6	20.0
5 31	15 55.74	− 8 42.0	2.159	3.146	5.1	20.1
6 10	15 48.62	− 8 20.9	2.202	3.151	7.8	20.3
6 20	15 42.79	− 8 11.4	2.270	3.156	10.7	20.4
6 30	15 38.71	− 8 13.8	2.360	3.160	13.2	20.6

432861 2011 HX_{80} 5 23.4 162°.17 6°.4/20.5 17

4 21	16 25.37	− 4 8.8	1.932	2.795	12.7	20.5
5 1	16 19.71	− 3 25.8	1.871	2.797	9.9	20.3
5 11	16 12.26	− 2 51.1	1.832	2.799	7.4	20.2
5 21	16 3.75	− 2 28.7	1.820	2.800	6.4	20.1
5 31	15 55.07	− 2 21.8	1.833	2.801	7.6	20.2
6 10	15 47.15	− 2 31.8	1.872	2.802	10.2	20.4
6 20	15 40.73	− 2 58.1	1.935	2.803	13.0	20.5
6 30	15 36.33	− 3 39.1	2.017	2.804	15.6	20.7

476283 2007 VN_{227} 5 23.4 265°.54 0°.2/23.5 17

4 21	16 25.10	−22 14.2	2.048	2.913	12.0	21.8
5 1	16 19.67	−22 0.3	1.967	2.906	8.8	21.6
5 11	16 12.32	−21 40.3	1.910	2.898	5.1	21.3
5 21	16 3.77	−21 15.2	1.879	2.891	1.0	21.0
5 31	15 54.95	−20 46.9	1.877	2.883	3.1	21.2
6 10	15 46.82	−20 18.7	1.901	2.875	7.0	21.4
6 20	15 40.20	−19 53.8	1.951	2.868	10.7	21.6
6 30	15 35.68	−19 35.0	2.023	2.860	13.8	21.8

395484 2011 UW_{55} 5 23.4 243°.42 0°.3/23.6 18

4 21	16 25.64	−21 0.5	2.403	3.263	10.7	20.8
5 1	16 19.84	−21 14.0	2.321	3.257	7.8	20.6
5 11	16 12.35	−21 24.4	2.264	3.251	4.5	20.4
5 21	16 3.79	−21 31.6	2.234	3.245	1.0	20.2
5 31	15 54.93	−21 36.1	2.233	3.239	2.7	20.3
6 10	15 46.65	−21 39.4	2.260	3.233	6.2	20.5
6 20	15 39.64	−21 43.2	2.314	3.226	9.4	20.7
6 30	15 34.47	−21 49.5	2.391	3.220	12.2	20.9

255719 2006 QT_{120} 5 23.4 257°.68 0°.3/23.6 17

4 21	16 27.75	−23 38.0	1.638	2.508	14.3	20.6
5 1	16 22.05	−23 6.6	1.554	2.495	10.5	20.3
5 11	16 13.88	−22 24.9	1.494	2.483	6.1	20.0
5 21	16 4.11	−21 34.3	1.459	2.470	1.3	19.7
5 31	15 53.94	−20 38.4	1.451	2.457	3.7	19.8
6 10	15 44.66	−19 42.6	1.468	2.444	8.5	20.1
6 20	15 37.30	−18 52.3	1.510	2.430	12.9	20.3
6 30	15 32.62	−18 12.3	1.572	2.416	16.7	20.5

346055 2007 UU_{40} 5 23.4 124°.21 3°.2/24.7 18

4 21	16 28.82	−29 11.3	2.175	3.019	12.2	21.1
5 1	16 22.35	−29 46.4	2.103	3.024	9.3	20.9
5 11	16 13.86	−30 12.4	2.056	3.030	6.1	20.7
5 21	16 4.09	−30 27.7	2.034	3.035	3.5	20.6
5 31	15 54.03	−30 31.9	2.041	3.040	4.0	20.6
6 10	15 44.74	−30 26.8	2.076	3.045	6.9	20.8
6 20	15 37.06	−30 15.7	2.136	3.050	10.0	21.0
6 30	15 31.61	−30 2.5	2.219	3.055	12.8	21.2

80496 2000 AX_{48} 5 23.4 185°.85 1°.3/22.9 18

4 21	16 30.45	−16 45.0	2.088	2.948	12.0	20.0
5 1	16 23.43	−16 45.8	2.012	2.948	8.8	19.8
5 11	16 14.43	−16 45.5	1.960	2.948	5.1	19.5
5 21	16 4.21	−16 44.9	1.936	2.946	1.5	19.3
5 31	15 53.71	−16 45.3	1.941	2.944	3.6	19.4
6 10	15 43.94	−16 48.4	1.975	2.941	7.4	19.7
6 20	15 35.73	−16 55.8	2.034	2.938	10.9	19.9
6 30	15 29.69	−17 8.9	2.116	2.933	14.0	20.1

502821 2015 DC_{135} 5 23.4 232°.01 6°.6/20.1 18

4 21	16 25.99	− 1 38.8	2.237	3.087	11.7	21.0
5 1	16 20.07	− 0 58.1	2.160	3.075	9.4	20.8
5 11	16 12.48	− 0 26.1	2.107	3.063	7.4	20.7
5 21	16 3.82	− 0 6.6	2.080	3.050	6.6	20.6
5 31	15 54.91	− 0 2.7	2.081	3.037	7.7	20.7
6 10	15 46.56	− 0 15.5	2.107	3.023	10.0	20.8
6 20	15 39.51	− 0 44.9	2.157	3.008	12.5	20.9
6 30	15 34.28	− 1 29.1	2.228	2.993	14.9	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
135719 2002 PK_{68}			5 23.4 238°.26		1°.9/24.3 18	
	h m	° ′			°	m
4 21	16 28.97	−26 51.4	1.778	2.636	13.9	19.9
5 1	16 22.84	−26 42.1	1.693	2.626	10.4	19.7
5 11	16 14.31	−26 21.6	1.632	2.616	6.4	19.4
5 21	16 4.21	−25 49.8	1.596	2.605	2.5	19.2
5 31	15 53.71	−25 8.5	1.588	2.593	3.7	19.2
6 10	15 44.06	−24 22.0	1.606	2.582	7.9	19.4
6 20	15 36.30	−23 35.7	1.649	2.569	12.0	19.7
6 30	15 31.15	−22 54.6	1.713	2.557	15.6	19.9
87441 2000 QE_{110}			5 23.4 79°.49		7°.6/27.3 18	
4 21	16 31.98	−40 29.9	1.728	2.543	16.1	17.9
5 1	16 25.23	−41 3.0	1.668	2.556	13.2	17.7
5 11	16 15.68	−41 14.8	1.628	2.569	10.3	17.6
5 21	16 4.46	−41 1.8	1.611	2.581	8.1	17.5
5 31	15 53.05	−40 24.1	1.619	2.594	7.8	17.5
6 10	15 42.98	−39 26.5	1.652	2.607	9.6	17.6
6 20	15 35.33	−38 16.4	1.709	2.619	12.3	17.8
6 30	15 30.77	−37 2.5	1.787	2.632	15.0	18.0
345643 2006 ST_{383}			5 23.4 107°.34		3°.0/21.7 18	
4 21	16 24.09	−11 46.0	2.524	3.387	10.1	21.1
5 1	16 18.38	−11 16.7	2.469	3.405	7.4	21.0
5 11	16 11.34	−10 49.4	2.440	3.423	4.7	20.8
5 21	16 3.58	−10 26.1	2.439	3.440	3.0	20.7
5 31	15 55.78	−10 9.0	2.466	3.457	4.3	20.8
6 10	15 48.64	− 9 59.8	2.522	3.473	6.9	21.0
6 20	15 42.70	− 9 59.2	2.603	3.490	9.4	21.2
6 30	15 38.36	−10 7.5	2.706	3.505	11.7	21.4
353174 2009 MQ_{1}			5 23.4 290°.52		4°.4/21.5 18	
4 21	16 24.24	− 7 22.7	2.212	3.076	11.3	20.2
5 1	16 18.82	− 7 7.8	2.138	3.070	8.6	20.0
5 11	16 11.76	− 6 58.7	2.088	3.064	5.9	19.8
5 21	16 3.69	− 6 57.7	2.065	3.058	4.4	19.7
5 31	15 55.38	− 7 6.7	2.069	3.052	5.7	19.8
6 10	15 47.68	− 7 26.8	2.101	3.047	8.3	19.9
6 20	15 41.25	− 7 57.7	2.156	3.041	11.2	20.1
6 30	15 36.64	− 8 38.7	2.234	3.035	13.8	20.2
180135 2003 FV_{89}			5 23.4 15°.66		1°.4/22.6 18	
4 21	16 22.79	−19 27.1	1.995	2.869	11.9	19.5
5 1	16 17.89	−18 38.5	1.927	2.871	8.6	19.3
5 11	16 11.24	−17 44.9	1.882	2.873	4.9	19.1
5 21	16 3.57	−16 49.0	1.865	2.875	1.5	18.8
5 31	15 55.78	−15 54.8	1.875	2.877	3.7	19.0
6 10	15 48.75	−15 6.3	1.911	2.880	7.4	19.2
6 20	15 43.20	−14 26.9	1.973	2.883	10.9	19.5
6 30	15 39.64	−13 58.8	2.056	2.886	13.8	19.7
308062 2004 TS_{147}			5 23.4 22°.26		5°.5/25.2 17	
4 21	16 29.95	−31 15.6	1.221	2.090	18.2	19.8
5 1	16 24.43	−31 54.2	1.160	2.092	14.1	19.5
5 11	16 15.56	−32 16.4	1.118	2.095	9.6	19.3
5 21	16 4.49	−32 18.3	1.099	2.099	6.0	19.1
5 31	15 52.97	−31 59.6	1.103	2.103	6.4	19.1
6 10	15 42.86	−31 25.2	1.131	2.107	10.3	19.3
6 20	15 35.55	−30 42.7	1.179	2.112	14.7	19.6
6 30	15 31.85	−30 0.2	1.247	2.118	18.6	19.9
129449 1990 WE_{1}			5 23.4 126°.54		1°.9/22.6 17	
4 21	16 27.81	−14 42.0	2.370	3.230	10.8	20.5
5 1	16 21.16	−14 36.8	2.310	3.246	7.8	20.3
5 11	16 12.98	−14 31.9	2.276	3.263	4.6	20.2
5 21	16 3.91	−14 28.6	2.270	3.278	2.0	20.0
5 31	15 54.78	−14 28.1	2.294	3.293	3.6	20.1
6 10	15 46.36	−14 31.9	2.346	3.308	6.7	20.4
6 20	15 39.32	−14 41.0	2.424	3.322	9.6	20.6
6 30	15 34.10	−14 56.2	2.525	3.335	12.2	20.8
342636 2008 UR_{353}			5 23.4 266°.89		0°.5/23.7 17	
4 21	16 25.59	−23 54.0	1.892	2.758	12.8	21.4
5 1	16 20.13	−23 30.5	1.816	2.754	9.4	21.2
5 11	16 12.63	−22 58.5	1.763	2.751	5.5	21.0
5 21	16 3.88	−22 19.3	1.737	2.747	1.3	20.7
5 31	15 54.88	−21 35.6	1.737	2.744	3.2	20.8
6 10	15 46.71	−20 51.7	1.765	2.740	7.4	21.1
6 20	15 40.20	−20 11.5	1.818	2.737	11.2	21.3
6 30	15 35.95	−19 38.9	1.892	2.733	14.4	21.5
425979 2011 HH_{73}			5 23.4 89°.93		3°.6/22.1 17	
4 21	16 27.18	−11 26.1	1.820	2.692	13.0	20.9
5 1	16 21.09	−11 11.3	1.764	2.704	9.6	20.7
5 11	16 13.08	−10 59.9	1.731	2.716	6.0	20.5
5 21	16 3.96	−10 54.2	1.724	2.727	3.6	20.4
5 31	15 54.72	−10 56.2	1.745	2.739	5.2	20.5
6 10	15 46.38	−11 7.4	1.792	2.751	8.6	20.8
6 20	15 39.71	−11 28.0	1.863	2.762	12.0	21.0
6 30	15 35.25	−11 58.0	1.955	2.774	14.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
377725 2005 WL_{177}			5 23.4 218°.43		2°.6/24.8 17	
	h m	° ′			°	m
4 21	16 28.48	−29 24.8	2.102	2.947	12.5	21.3
5 1	16 22.19	−29 20.0	2.017	2.940	9.5	21.1
5 11	16 13.82	−29 3.7	1.955	2.932	6.1	20.9
5 21	16 4.13	−28 35.4	1.920	2.924	3.1	20.7
5 31	15 54.13	−27 56.6	1.913	2.916	3.6	20.7
6 10	15 44.91	−27 10.7	1.934	2.907	7.0	20.9
6 20	15 37.35	−26 22.5	1.980	2.897	10.5	21.1
6 30	15 32.07	−25 36.9	2.050	2.887	13.6	21.2
419696 2010 UV_{41}			5 23.4 228°.81		1°.8/23.9 18	
4 21	16 31.43	−24 9.5	1.721	2.582	14.1	21.0
5 1	16 24.76	−24 39.6	1.640	2.575	10.5	20.8
5 11	16 15.51	−25 3.6	1.583	2.567	6.4	20.5
5 21	16 4.50	−25 19.7	1.551	2.559	2.3	20.3
5 31	15 52.95	−25 27.5	1.546	2.551	3.8	20.3
6 10	15 42.23	−25 28.8	1.568	2.542	8.2	20.6
6 20	15 33.46	−25 27.0	1.615	2.533	12.3	20.8
6 30	15 27.44	−25 25.9	1.683	2.524	15.9	21.0
222637 2001 XY_{121}			5 23.5 194°.53		1°.3/22.8 17	
4 21	16 26.91	−18 37.1	1.978	2.846	12.3	21.5
5 1	16 20.94	−18 8.7	1.904	2.844	8.9	21.3
5 11	16 13.05	−17 36.3	1.853	2.843	5.1	21.0
5 21	16 3.98	−17 2.0	1.830	2.840	1.5	20.8
5 31	15 54.68	−16 28.6	1.834	2.838	3.7	20.9
6 10	15 46.16	−15 59.5	1.866	2.834	7.6	21.2
6 20	15 39.21	−15 37.5	1.923	2.831	11.2	21.4
6 30	15 34.41	−15 24.7	2.002	2.827	14.3	21.6
62471 2000 SP_{216}			5 23.5 313°.58		5°.4/21.7 18	
4 21	16 25.14	−11 7.1	1.192	2.087	16.7	18.4
5 1	16 20.85	−10 32.6	1.113	2.065	12.6	18.1
5 11	16 13.57	−10 1.4	1.055	2.043	8.2	17.7
5 21	16 4.16	− 9 38.7	1.019	2.022	5.5	17.5
5 31	15 53.99	− 9 29.5	1.005	2.001	7.8	17.6
6 10	15 44.69	− 9 37.8	1.014	1.981	12.6	17.8
6 20	15 37.61	−10 4.7	1.043	1.962	17.4	18.0
6 30	15 33.72	−10 49.6	1.088	1.944	21.8	18.2
356654 2011 US_{65}			5 23.5 225°.45		0°.5/23.7 16	
4 21	16 26.01	−21 51.1	2.385	3.243	10.8	21.5
5 1	16 20.14	−22 3.4	2.303	3.238	7.9	21.3
5 11	16 12.56	−22 11.9	2.247	3.233	4.6	21.1
5 21	16 3.89	−22 16.5	2.218	3.229	1.1	20.8
5 31	15 54.95	−22 17.7	2.218	3.224	2.7	21.0
6 10	15 46.58	−22 17.1	2.246	3.218	6.2	21.2
6 20	15 39.53	−22 16.7	2.300	3.213	9.4	21.4
6 30	15 34.34	−22 18.7	2.377	3.207	12.2	21.5
470197 2006 VT_{48}			5 23.5 180°.41		0°.8/24.0 18	
4 21	16 24.42	−25 38.3	2.680	3.529	10.0	21.1
5 1	16 18.75	−25 9.7	2.600	3.530	7.3	20.9
5 11	16 11.64	−24 33.4	2.546	3.531	4.3	20.8
5 21	16 3.69	−23 50.6	2.521	3.531	1.3	20.5
5 31	15 55.63	−23 3.3	2.525	3.530	2.4	20.6
6 10	15 48.18	−22 14.9	2.557	3.530	5.6	20.8
6 20	15 41.95	−21 28.3	2.617	3.529	8.5	21.0
6 30	15 37.39	−20 46.8	2.701	3.528	11.0	21.2
343415 2010 CL_{184}			5 23.5 25°.59		5°.5/20.8 17	
4 21	16 24.16	− 7 56.3	1.782	2.657	13.1	20.2
5 1	16 19.00	− 7 6.1	1.721	2.658	9.9	20.0
5 11	16 11.95	− 6 21.3	1.683	2.660	6.9	19.9
5 21	16 3.77	− 5 46.0	1.670	2.662	5.5	19.8
5 31	15 55.42	− 5 24.1	1.683	2.663	7.0	19.9
6 10	15 47.88	− 5 18.0	1.722	2.666	10.0	20.1
6 20	15 41.92	− 5 28.1	1.783	2.668	13.2	20.3
6 30	15 38.09	− 5 53.4	1.864	2.670	16.0	20.5
311149 2004 RK_{316}			5 23.5 286°.60		2°.0/22.1 17	
4 21	16 22.38	−17 1.2	2.283	3.153	10.8	20.3
5 1	16 17.49	−16 10.8	2.201	3.143	7.8	20.1
5 11	16 11.02	−15 16.9	2.144	3.132	4.6	19.8
5 21	16 3.59	−14 22.4	2.114	3.122	2.1	19.6
5 31	15 55.95	−13 30.7	2.113	3.112	3.9	19.7
6 10	15 48.91	−12 45.6	2.139	3.101	7.2	19.9
6 20	15 43.13	−12 9.7	2.191	3.091	10.4	20.1
6 30	15 39.11	−11 45.0	2.264	3.081	13.2	20.3
17435 di Giovanni			5 23.5 73°.60		11°.3/17.7 18	
4 21	16 30.09	+ 1 30.0	1.424	2.283	16.6	17.7
5 1	16 23.07	+ 3 52.4	1.409	2.319	13.7	17.7
5 11	16 14.06	+ 5 54.6	1.416	2.355	11.7	17.6
5 21	16 4.15	+ 7 27.8	1.448	2.390	11.4	17.7
5 31	15 54.55	+ 8 26.4	1.503	2.425	12.7	17.9
6 10	15 46.33	+ 8 50.2	1.581	2.459	14.8	18.1
6 20	15 40.21	+ 8 43.0	1.677	2.492	17.1	18.3
6 30	15 36.57	+ 8 10.2	1.790	2.525	19.0	18.5

335168 2004 XL_{164} 5 23.5 302.°06 6.°9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.48	− 4 15.5	1.631	2.499	14.4	20.5
5 1	16 21.97	− 3 56.1	1.539	2.469	11.4	20.2
5 11	16 14.01	− 3 47.2	1.468	2.439	8.4	20.0
5 21	16 4.28	− 3 53.0	1.422	2.410	6.9	19.8
5 31	15 53.85	− 4 17.0	1.401	2.380	8.4	19.8
6 10	15 43.96	− 5 0.6	1.405	2.350	11.7	19.9
6 20	15 35.74	− 6 2.5	1.432	2.321	15.5	20.1
6 30	15 30.03	− 7 20.5	1.478	2.291	19.1	20.2

302294 2001 YH_{68} 5 23.5 201.°07 4.°3/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.93	− 6 3.0	2.577	3.431	10.2	20.6
5 1	16 19.11	− 5 49.6	2.503	3.428	7.8	20.4
5 11	16 11.88	− 5 42.0	2.454	3.425	5.5	20.3
5 21	16 3.78	− 5 42.3	2.433	3.422	4.3	20.2
5 31	15 55.51	− 5 52.1	2.441	3.418	5.4	20.2
6 10	15 47.76	− 6 12.0	2.476	3.414	7.7	20.4
6 20	15 41.14	− 6 42.1	2.537	3.410	10.1	20.5
6 30	15 36.11	− 7 21.3	2.621	3.406	12.4	20.7

347723 2001 XC_{200} 5 23.5 66.°50 7.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.21	−47 54.6	2.255	3.016	14.4	20.3
5 1	16 24.22	−47 51.2	2.183	3.026	12.3	20.1
5 11	16 14.92	−47 24.6	2.133	3.035	10.2	20.0
5 21	16 4.38	−46 32.6	2.105	3.045	8.5	19.9
5 31	15 53.87	−45 16.0	2.104	3.055	8.0	19.9
6 10	15 44.63	−43 39.7	2.128	3.064	8.8	20.0
6 20	15 37.55	−41 51.3	2.178	3.074	10.6	20.1
6 30	15 33.14	−39 59.0	2.252	3.084	12.7	20.3

127038 2002 GR_{35} 5 23.5 142.°02 0.°8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.30	−23 37.8	1.934	2.797	12.7	20.6
5 1	16 21.31	−23 30.0	1.864	2.801	9.3	20.4
5 11	16 13.31	−23 15.0	1.818	2.805	5.4	20.2
5 21	16 4.08	−22 53.5	1.798	2.809	1.4	19.9
5 31	15 54.66	−22 27.2	1.806	2.813	3.1	20.0
6 10	15 46.08	−21 59.5	1.842	2.816	7.1	20.3
6 20	15 39.19	−21 34.0	1.902	2.820	10.8	20.5
6 30	15 34.56	−21 13.8	1.984	2.823	13.9	20.7

414118 2007 UZ_{49} 5 23.5 195.°60 2.°4/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.57	−16 34.0	1.835	2.704	13.0	22.3
5 1	16 22.27	−15 52.4	1.761	2.702	9.5	22.1
5 11	16 13.88	−15 7.8	1.711	2.699	5.6	21.9
5 21	16 4.20	−14 22.9	1.687	2.696	2.4	21.7
5 31	15 54.29	−13 41.6	1.692	2.692	4.6	21.8
6 10	15 45.21	−13 7.9	1.724	2.687	8.5	22.0
6 20	15 37.84	−12 44.5	1.780	2.682	12.3	22.2
6 30	15 32.79	−12 33.4	1.857	2.676	15.5	22.4

264173 2010 CQ_{127} 5 23.5 252.°87 1.°1/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.10	−19 19.2	2.013	2.882	12.0	21.1
5 1	16 19.68	−18 50.0	1.933	2.875	8.7	20.9
5 11	16 12.39	−18 16.3	1.878	2.867	5.0	20.7
5 21	16 3.91	−17 40.0	1.849	2.860	1.3	20.4
5 31	15 55.17	−17 3.9	1.848	2.852	3.5	20.5
6 10	15 47.14	−16 31.5	1.874	2.844	7.4	20.8
6 20	15 40.61	−16 5.8	1.925	2.836	11.1	21.0
6 30	15 36.16	−15 49.2	1.998	2.828	14.2	21.2

208421 2001 SU_{333} 5 23.5 7.°40 6.°2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 21.97	− 7 38.7	1.761	2.639	13.0	19.7
5 1	16 17.44	− 6 21.4	1.702	2.640	10.0	19.5
5 11	16 11.08	− 5 8.8	1.666	2.641	7.2	19.3
5 21	16 3.64	− 4 6.5	1.656	2.643	6.2	19.3
5 31	15 56.06	− 3 19.6	1.671	2.645	7.7	19.4
6 10	15 49.27	− 2 51.4	1.711	2.647	10.6	19.6
6 20	15 44.03	− 2 42.9	1.773	2.650	13.6	19.7
6 30	15 40.85	− 2 53.1	1.855	2.654	16.3	19.9

132573 2002 JV_{108} 5 23.5 334.°84 12.°8/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.15	+ 3 11.2	1.511	2.375	15.6	18.4
5 1	16 17.88	+ 6 26.5	1.458	2.363	13.7	18.3
5 11	16 11.48	+ 9 29.8	1.429	2.352	12.8	18.2
5 21	16 3.74	+12 7.7	1.424	2.342	13.4	18.2
5 31	15 55.73	+14 9.4	1.443	2.332	15.2	18.3
6 10	15 48.55	+15 29.7	1.481	2.323	17.6	18.4
6 20	15 43.10	+16 8.9	1.537	2.315	20.0	18.6
6 30	15 40.01	+16 11.2	1.607	2.308	22.0	18.7

127286 2002 JC_{71} 5 23.5 69.°04 3.°7/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.94	−11 8.8	1.688	2.561	13.7	19.2
5 1	16 21.71	−10 58.6	1.639	2.580	10.1	19.0
5 11	16 13.47	−10 52.6	1.614	2.598	6.3	18.8
5 21	16 4.11	−10 53.0	1.614	2.617	3.8	18.7
5 31	15 54.70	−11 1.5	1.641	2.636	5.4	18.8
6 10	15 46.30	−11 19.3	1.693	2.654	8.9	19.1
6 20	15 39.70	−11 46.3	1.770	2.673	12.3	19.3
6 30	15 35.44	−12 22.0	1.868	2.691	15.3	19.5

434132 2002 QH_{95} 5 23.5 306.°48 0.°9/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.20	−19 6.4	1.705	2.582	13.4	21.2
5 1	16 20.28	−18 58.9	1.612	2.557	9.9	20.9
5 11	16 13.00	−18 47.8	1.543	2.533	5.7	20.6
5 21	16 4.09	−18 34.1	1.498	2.509	1.3	20.3
5 31	15 54.60	−18 19.8	1.480	2.485	3.9	20.4
6 10	15 45.73	−18 8.0	1.487	2.461	8.5	20.6
6 20	15 38.54	−18 1.5	1.518	2.438	12.9	20.8
6 30	15 33.84	−18 3.1	1.569	2.415	16.6	21.0

384933 2012 TC_{92} 5 23.5 196.°85 1.°2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.00	−17 50.5	2.204	3.069	11.3	21.1
5 1	16 20.18	−17 38.8	2.128	3.067	8.2	20.9
5 11	16 12.61	−17 25.0	2.077	3.066	4.7	20.7
5 21	16 3.98	−17 10.2	2.053	3.063	1.4	20.5
5 31	15 55.12	−16 56.3	2.057	3.061	3.3	20.6
6 10	15 46.91	−16 45.5	2.089	3.058	6.9	20.8
6 20	15 40.10	−16 39.7	2.147	3.055	10.2	21.0
6 30	15 35.23	−16 40.5	2.227	3.051	13.1	21.2

48712 1996 OV_{2} 5 23.5 5.°10 0.°8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.74	−23 25.5	1.944	2.809	12.6	18.9
5 1	16 20.24	−23 24.9	1.871	2.809	9.2	18.7
5 11	16 12.75	−23 17.9	1.822	2.809	5.4	18.5
5 21	16 4.02	−23 4.7	1.799	2.810	1.5	18.2
5 31	15 55.03	−22 46.8	1.803	2.810	3.1	18.3
6 10	15 46.84	−22 27.1	1.835	2.810	7.1	18.6
6 20	15 40.25	−22 8.7	1.891	2.811	10.7	18.8
6 30	15 35.89	−21 54.7	1.969	2.812	13.9	19.0

207642 2006 UC_{180} 5 23.5 185.°13 5.°5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.69	− 5 17.1	2.522	3.381	10.3	20.3
5 1	16 17.49	− 3 55.1	2.457	3.380	8.0	20.2
5 11	16 10.95	− 2 37.4	2.418	3.380	6.1	20.0
5 21	16 3.64	− 1 28.6	2.406	3.380	5.6	20.0
5 31	15 56.21	− 0 32.6	2.423	3.379	6.8	20.1
6 10	15 49.36	+ 0 7.9	2.466	3.377	8.9	20.2
6 20	15 43.63	+ 0 31.7	2.533	3.376	11.1	20.4
6 30	15 39.45	+ 0 39.4	2.621	3.374	13.2	20.5

93783 2000 WM_{33} 5 23.5 272.°10 3.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.27	−13 35.6	2.060	2.927	11.9	20.2
5 1	16 21.41	−13 3.9	1.959	2.897	8.8	20.0
5 11	16 13.52	−12 31.6	1.881	2.867	5.5	19.7
5 21	16 4.21	−12 1.1	1.831	2.836	3.1	19.5
5 31	15 54.37	−11 35.6	1.809	2.804	4.9	19.5
6 10	15 45.02	−11 18.1	1.814	2.772	8.6	19.7
6 20	15 37.04	−11 10.9	1.844	2.739	12.3	19.9
6 30	15 31.15	−11 15.5	1.895	2.705	15.6	20.0

474111 2016 LB_{30} 5 23.5 279.°13 3.°8/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.41	−13 39.3	1.738	2.615	13.2	21.1
5 1	16 20.22	−12 47.1	1.653	2.597	9.8	20.8
5 11	16 12.86	−11 53.3	1.592	2.578	6.1	20.5
5 21	16 4.07	−11 1.8	1.556	2.559	3.8	20.4
5 31	15 54.86	−10 17.4	1.547	2.540	5.8	20.4
6 10	15 46.35	− 9 44.4	1.563	2.521	9.7	20.6
6 20	15 39.48	− 9 25.6	1.603	2.502	13.6	20.8
6 30	15 34.93	− 9 22.4	1.662	2.483	17.0	21.0

137042 1998 UT_{46} 5 23.5 38.°08 1.°4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.76	−24 7.7	1.304	2.185	16.5	19.2
5 1	16 22.34	−24 12.6	1.250	2.195	12.1	18.9
5 11	16 14.17	−24 8.1	1.216	2.205	7.1	18.7
5 21	16 4.32	−23 54.4	1.206	2.216	2.2	18.4
5 31	15 54.26	−23 33.5	1.220	2.227	4.0	18.5
6 10	15 45.50	−23 9.8	1.259	2.239	9.0	18.9
6 20	15 39.11	−22 48.1	1.320	2.252	13.5	19.1
6 30	15 35.76	−22 32.6	1.400	2.264	17.3	19.4

478161 2011 UC_{173} 5 23.5 168.°51 1.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.60	−27 35.5	2.951	3.792	9.4	22.3
5 1	16 18.81	−27 19.0	2.873	3.796	7.0	22.1
5 11	16 11.69	−26 54.8	2.820	3.800	4.3	21.9
5 21	16 3.79	−26 23.5	2.796	3.803	1.8	21.8
5 31	15 55.79	−25 46.5	2.801	3.805	2.4	21.8
6 10	15 48.36	−25 6.5	2.835	3.807	5.1	22.0
6 20	15 42.07	−24 26.2	2.897	3.809	7.7	22.2
6 30	15 37.34	−23 48.7	2.984	3.810	10.1	22.3

20601 1999 RD_{197} 5 23.5 319.°28 5.°4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.33	−32 25.9	1.415	2.278	16.5	17.3
5 1	16 21.21	−32 47.5	1.317	2.246	13.0	17.0
5 11	16 13.96	−32 52.9	1.240	2.215	9.2	16.7
5 21	16 4.37	−32 38.5	1.185	2.183	5.9	16.4
5 31	15 53.84	−32 3.2	1.153	2.153	6.2	16.4
6 10	15 44.07	−31 10.5	1.145	2.123	10.1	16.5
6 20	15 36.56	−30 7.9	1.159	2.094	14.7	16.6
6 30	15 32.41	−29 4.0	1.192	2.066	19.0	16.8

245975 2006 SL_{124} 5 23.5 256°.30 4°.1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.36	− 8 49.6	2.278	3.142	11.0	20.4
5 1	16 18.96	− 8 23.6	2.197	3.130	8.3	20.2
5 11	16 11.93	− 8 1.5	2.141	3.119	5.6	20.0
5 21	16 3.87	− 7 46.0	2.112	3.107	4.1	19.9
5 31	15 55.55	− 7 39.3	2.111	3.095	5.4	19.9
6 10	15 47.78	− 7 43.3	2.136	3.083	8.2	20.1
6 20	15 41.25	− 7 58.5	2.187	3.071	11.1	20.2
6 30	15 36.50	− 8 24.6	2.259	3.059	13.7	20.4

414049 2007 RQ_{210} 5 23.5 279°.74 2°.8/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.22	−27 27.3	1.397	2.267	16.3	21.5
5 1	16 23.66	−27 31.5	1.319	2.257	12.3	21.2
5 11	16 15.12	−27 22.9	1.263	2.247	7.7	20.9
5 21	16 4.57	−27 0.2	1.230	2.238	3.4	20.6
5 31	15 53.47	−26 24.8	1.223	2.228	4.5	20.7
6 10	15 43.43	−25 41.6	1.239	2.219	9.3	20.9
6 20	15 35.73	−24 57.1	1.279	2.209	14.0	21.2
6 30	15 31.23	−24 17.8	1.338	2.199	18.1	21.4

29408 1996 VJ_{5} 5 23.5 208°.14 3°.2/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.36	−31 20.3	2.912	3.735	10.0	18.5
5 1	16 22.51	−31 55.2	2.821	3.728	7.8	18.4
5 11	16 13.96	−32 22.1	2.756	3.721	5.4	18.2
5 21	16 4.30	−32 39.1	2.719	3.713	3.5	18.1
5 31	15 54.29	−32 45.8	2.712	3.705	3.7	18.1
6 10	15 44.76	−32 43.2	2.734	3.696	5.9	18.2
6 20	15 36.44	−32 33.7	2.783	3.686	8.3	18.3
6 30	15 29.90	−32 20.6	2.857	3.676	10.7	18.5

380586 2004 RJ_{234} 5 23.5 189°.65 0°.8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.79	−23 25.0	2.137	2.995	11.9	21.9
5 1	16 21.60	−23 23.4	2.060	2.994	8.7	21.6
5 11	16 13.49	−23 15.5	2.007	2.993	5.1	21.4
5 21	16 4.20	−23 1.6	1.981	2.991	1.4	21.2
5 31	15 54.66	−22 43.0	1.983	2.989	3.0	21.3
6 10	15 45.84	−22 22.4	2.013	2.987	6.7	21.5
6 20	15 38.55	−22 2.8	2.070	2.984	10.2	21.7
6 30	15 33.37	−21 47.2	2.148	2.981	13.2	21.9

135024 2001 KO_{76} 5 23.5 276°.43 0°.0/23.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 4.30	−21 29.0	43.092	43.946	0.7	23.4
5 1	16 3.60	−21 27.2	43.009	43.943	0.5	23.4
5 11	16 2.83	−21 25.2	42.953	43.940	0.3	23.3
5 21	16 2.03	−21 23.1	42.926	43.937	0.1	23.3
5 31	16 1.22	−21 20.9	42.928	43.934	0.2	23.3
6 10	16 0.44	−21 18.7	42.959	43.931	0.4	23.4
6 20	15 59.70	−21 16.7	43.018	43.928	0.6	23.4
6 30	15 59.03	−21 14.8	43.103	43.926	0.8	23.4

409841 2006 RZ_{23} 5 23.5 263°.03 0°.6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.94	−24 14.5	3.607	4.455	7.7	21.7
5 1	16 16.10	−24 1.6	3.505	4.435	5.7	21.5
5 11	16 10.16	−23 44.0	3.430	4.414	3.3	21.3
5 21	16 3.52	−23 22.1	3.383	4.393	1.0	21.1
5 31	15 56.70	−22 57.1	3.366	4.372	1.9	21.2
6 10	15 50.22	−22 30.6	3.379	4.350	4.4	21.3
6 20	15 44.54	−22 4.6	3.419	4.329	6.8	21.5
6 30	15 40.06	−21 40.9	3.484	4.307	8.8	21.6

250393 2003 UJ_{158} 5 23.5 171°.76 1°.7/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.36	−26 35.8	1.904	2.757	13.3	21.8
5 1	16 23.63	−26 24.8	1.830	2.760	9.9	21.6
5 11	16 14.71	−26 3.6	1.780	2.763	6.0	21.3
5 21	16 4.45	−25 32.2	1.757	2.766	2.2	21.1
5 31	15 53.98	−24 52.7	1.762	2.767	3.4	21.2
6 10	15 44.45	−24 9.2	1.794	2.768	7.3	21.4
6 20	15 36.75	−23 26.3	1.852	2.769	11.1	21.6
6 30	15 31.49	−22 48.7	1.932	2.768	14.3	21.9

172609 2003 WA_{87} 5 23.5 184°.32 7°.5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.92	−44 27.5	1.990	2.772	15.4	20.3
5 1	16 27.93	−44 20.0	1.908	2.772	12.9	20.1
5 11	16 17.22	−43 48.0	1.847	2.772	10.3	19.9
5 21	16 4.95	−42 48.5	1.811	2.772	8.1	19.8
5 31	15 52.59	−41 22.1	1.800	2.770	7.6	19.7
6 10	15 41.59	−39 35.0	1.817	2.768	9.1	19.8
6 20	15 33.02	−37 36.2	1.860	2.766	11.7	20.0
6 30	15 27.48	−35 35.8	1.927	2.762	14.4	20.1

466136 2012 FF_{75} 5 23.5 20°.04 5°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.85	− 8 47.9	1.125	2.020	17.4	20.6
5 1	16 21.05	− 8 39.0	1.077	2.027	13.1	20.4
5 11	16 13.48	− 8 39.8	1.049	2.035	8.6	20.1
5 21	16 4.22	− 8 53.6	1.043	2.045	5.7	20.0
5 31	15 54.75	− 9 22.5	1.060	2.056	7.5	20.1
6 10	15 46.57	−10 6.5	1.100	2.067	11.7	20.4
6 20	15 40.76	−11 3.6	1.160	2.080	16.0	20.7
6 30	15 37.99	−12 11.3	1.238	2.094	19.6	21.0

395619 2011 UO_{384} 5 23.5 205°.14 2°.6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.35	−29 26.0	2.608	3.447	10.6	21.9
5 1	16 20.40	−29 42.7	2.525	3.444	8.1	21.8
5 11	16 12.77	−29 51.1	2.467	3.440	5.3	21.6
5 21	16 4.08	−29 50.3	2.436	3.437	2.9	21.4
5 31	15 55.13	−29 40.6	2.433	3.433	3.3	21.4
6 10	15 46.77	−29 23.9	2.459	3.429	5.9	21.6
6 20	15 39.70	−29 3.0	2.512	3.425	8.7	21.8
6 30	15 34.46	−28 41.3	2.588	3.420	11.3	21.9

477969 2011 SV_{52} 5 23.5 158°.71 3°.9/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.77	−33 9.3	2.534	3.361	11.2	21.9
5 1	16 21.49	−33 34.0	2.458	3.364	8.8	21.8
5 11	16 13.41	−33 47.9	2.405	3.368	6.2	21.6
5 21	16 4.21	−33 49.5	2.380	3.371	4.1	21.5
5 31	15 54.77	−33 39.0	2.382	3.374	4.3	21.5
6 10	15 46.01	−33 18.4	2.413	3.377	6.4	21.6
6 20	15 38.68	−32 51.0	2.470	3.379	9.0	21.8
6 30	15 33.35	−32 21.0	2.550	3.381	11.4	22.0

59649 1999 JB_{90} 5 23.5 228°.31 4°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.40	−12 24.4	1.625	2.500	14.1	19.0
5 1	16 22.44	−11 46.4	1.551	2.493	10.5	18.8
5 11	16 14.16	−11 9.7	1.500	2.485	6.6	18.6
5 21	16 4.39	−10 37.6	1.474	2.477	4.1	18.4
5 31	15 54.26	−10 14.3	1.475	2.469	6.0	18.5
6 10	15 44.98	−10 2.9	1.502	2.460	10.0	18.7
6 20	15 37.54	−10 5.1	1.551	2.451	13.9	18.9
6 30	15 32.61	−10 21.3	1.621	2.442	17.3	19.1

387111 2012 TT_{153} 5 23.5 147°.28 1°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.54	−17 53.0	2.150	3.016	11.5	21.8
5 1	16 19.85	−17 30.3	2.080	3.021	8.3	21.6
5 11	16 12.44	−17 5.1	2.036	3.025	4.8	21.4
5 21	16 4.03	−16 38.9	2.019	3.029	1.5	21.1
5 31	15 55.46	−16 14.3	2.030	3.033	3.5	21.3
6 10	15 47.60	−15 53.9	2.068	3.036	7.0	21.5
6 20	15 41.18	−15 39.8	2.132	3.039	10.3	21.7
6 30	15 36.69	−15 33.7	2.218	3.042	13.2	21.9

28754 2000 HV_{1} 5 23.5 58°.90 3°.8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.07	−14 51.4	1.763	2.640	13.1	16.9
5 1	16 19.51	−13 23.1	1.718	2.662	9.5	16.7
5 11	16 12.19	−11 53.7	1.698	2.684	5.8	16.6
5 21	16 3.95	−10 28.9	1.704	2.706	3.8	16.5
5 31	15 55.79	− 9 14.3	1.737	2.728	5.7	16.6
6 10	15 48.63	− 8 14.6	1.797	2.750	9.0	16.9
6 20	15 43.14	− 7 32.1	1.881	2.772	12.3	17.1
6 30	15 39.77	− 7 7.3	1.985	2.795	15.0	17.4

328790 2009 VJ_{1} 5 23.5 261°.32 8°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.44	− 1 22.8	1.876	2.735	13.2	20.7
5 1	16 20.06	− 0 8.0	1.800	2.718	10.8	20.5
5 11	16 12.72	+ 0 58.2	1.747	2.701	8.8	20.4
5 21	16 4.11	+ 1 49.9	1.719	2.683	8.2	20.3
5 31	15 55.16	+ 2 21.9	1.716	2.665	9.6	20.3
6 10	15 46.85	+ 2 31.2	1.738	2.647	12.1	20.4
6 20	15 40.01	+ 2 17.8	1.781	2.628	14.9	20.6
6 30	15 35.28	+ 1 43.5	1.843	2.609	17.5	20.7

377701 2005 WU_{19} 5 23.5 276°.42 1°.7/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.50	−26 5.5	1.735	2.599	13.9	21.6
5 1	16 21.97	−25 56.9	1.647	2.583	10.4	21.3
5 11	16 14.00	−25 37.9	1.581	2.566	6.3	21.0
5 21	16 4.39	−25 8.2	1.541	2.550	2.3	20.7
5 31	15 54.30	−24 29.6	1.527	2.533	3.6	20.8
6 10	15 45.00	−23 46.5	1.540	2.517	8.0	21.0
6 20	15 37.54	−23 3.7	1.577	2.500	12.3	21.2
6 30	15 32.68	−22 26.4	1.634	2.483	16.0	21.4

510606 2012 TU_{37} 5 23.5 224°.72 2°.8/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.42	−30 29.9	2.701	3.531	10.5	22.7
5 1	16 21.92	−30 40.0	2.605	3.518	8.1	22.5
5 11	16 13.68	−30 40.8	2.534	3.505	5.4	22.3
5 21	16 4.31	−30 31.5	2.491	3.490	3.1	22.1
5 31	15 54.61	−30 12.3	2.477	3.476	3.4	22.1
6 10	15 45.45	−29 45.3	2.492	3.460	6.0	22.2
6 20	15 37.58	−29 13.6	2.534	3.444	8.8	22.4
6 30	15 31.56	−28 41.1	2.600	3.427	11.4	22.6

75199 1999 VK_{176} 5 23.5 134°.47 2°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.20	−15 4.8	1.831	2.700	13.1	20.4
5 1	16 22.64	−14 39.4	1.771	2.712	9.5	20.2
5 11	16 14.08	−14 13.5	1.736	2.723	5.6	20.0
5 21	16 4.37	−13 49.5	1.726	2.734	2.6	19.8
5 31	15 54.55	−13 30.2	1.745	2.744	4.5	20.0
6 10	15 45.65	−13 18.2	1.790	2.753	8.3	20.2
6 20	15 38.49	−13 15.1	1.860	2.762	11.8	20.5
6 30	15 33.61	−13 22.0	1.951	2.771	14.9	20.7

200786 2001 XZ_{75} 5 23.5 149°.07 1°.4/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.45	−18 47.4	1.633	2.504	14.3	21.6
5 1	16 23.81	−18 20.4	1.570	2.512	10.3	21.3
5 11	16 14.86	−17 48.9	1.530	2.519	5.9	21.1
5 21	16 4.54	−17 15.2	1.515	2.526	1.7	20.8
5 31	15 54.04	−16 42.6	1.528	2.532	4.2	21.0
6 10	15 44.60	−16 14.9	1.568	2.538	8.6	21.3
6 20	15 37.13	−15 55.4	1.631	2.543	12.7	21.5
6 30	15 32.25	−15 46.3	1.715	2.547	16.1	21.8

165999 2002 AR_{45} 5 23.5 128°.59 0°.1/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.16	−21 54.4	1.432	2.309	15.5	20.6
5 1	16 23.25	−21 35.3	1.367	2.312	11.3	20.4
5 11	16 14.70	−21 8.3	1.324	2.315	6.5	20.1
5 21	16 4.53	−20 34.9	1.306	2.317	1.3	19.8
5 31	15 54.08	−19 58.4	1.313	2.320	4.0	20.0
6 10	15 44.76	−19 23.7	1.345	2.322	9.0	20.3
6 20	15 37.65	−18 55.2	1.401	2.324	13.5	20.5
6 30	15 33.43	−18 36.5	1.476	2.326	17.3	20.8

304565 2006 VN_{8} 5 23.5 120°.40 0°.7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.69	−18 24.2	2.358	3.221	10.7	21.1
5 1	16 19.87	−18 28.8	2.289	3.227	7.8	20.9
5 11	16 12.44	−18 31.6	2.244	3.232	4.4	20.7
5 21	16 4.05	−18 33.2	2.227	3.238	1.0	20.4
5 31	15 55.48	−18 34.6	2.239	3.244	2.9	20.6
6 10	15 47.55	−18 37.2	2.279	3.249	6.3	20.8
6 20	15 40.92	−18 42.6	2.345	3.254	9.4	21.0
6 30	15 36.12	−18 52.2	2.434	3.260	12.1	21.2

429609 2011 FH_{11} 5 23.5 206°.76 3°.5/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.01	−30 56.7	2.132	2.970	12.7	21.9
5 1	16 23.42	−31 12.9	2.048	2.965	9.7	21.7
5 11	16 14.67	−31 17.9	1.989	2.960	6.5	21.4
5 21	16 4.53	−31 9.9	1.955	2.954	3.9	21.3
5 31	15 54.03	−30 49.4	1.950	2.948	4.2	21.3
6 10	15 44.30	−30 19.1	1.972	2.942	7.2	21.4
6 20	15 36.24	−29 43.2	2.020	2.934	10.4	21.6
6 30	15 30.54	−29 6.7	2.090	2.927	13.4	21.8

246942 1999 RV_{101} 5 23.5 239°.12 0°.4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.30	−21 26.3	1.931	2.793	12.8	21.1
5 1	16 22.99	−20 59.5	1.840	2.777	9.4	20.9
5 11	16 14.47	−20 25.6	1.772	2.761	5.4	20.6
5 21	16 4.50	−19 45.8	1.732	2.743	1.1	20.2
5 31	15 54.10	−19 3.1	1.719	2.725	3.5	20.4
6 10	15 44.40	−18 21.3	1.734	2.705	7.8	20.6
6 20	15 36.35	−17 44.7	1.775	2.686	11.9	20.8
6 30	15 30.64	−17 16.7	1.837	2.665	15.3	21.0

66809 1999 TX_{288} 5 23.5 207°.24 2°.2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.35	−27 38.7	1.966	2.820	12.9	19.5
5 1	16 21.50	−27 36.7	1.889	2.819	9.7	19.3
5 11	16 13.56	−27 24.4	1.836	2.817	6.0	19.0
5 21	16 4.30	−27 1.6	1.809	2.815	2.7	18.8
5 31	15 54.78	−26 30.0	1.809	2.813	3.5	18.9
6 10	15 46.08	−25 52.8	1.836	2.811	7.1	19.1
6 20	15 39.08	−25 14.6	1.888	2.809	10.7	19.3
6 30	15 34.39	−24 39.7	1.963	2.807	13.9	19.5

202233 2004 YA_{23} 5 23.5 330°.14 1°.6/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.82	−25 42.2	1.772	2.638	13.5	20.0
5 1	16 20.57	−25 35.5	1.697	2.634	10.0	19.8
5 11	16 13.09	−25 19.3	1.645	2.630	6.1	19.6
5 21	16 4.22	−24 53.9	1.617	2.627	2.1	19.3
5 31	15 55.05	−24 21.2	1.617	2.623	3.4	19.4
6 10	15 46.73	−23 45.0	1.642	2.620	7.6	19.6
6 20	15 40.19	−23 9.9	1.692	2.617	11.5	19.8
6 30	15 36.08	−22 39.9	1.763	2.614	14.9	20.0

67142 2000 AV_{169} 5 23.5 271°.34 6°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.67	− 4 15.0	2.012	2.872	12.4	19.6
5 1	16 20.18	− 3 32.0	1.927	2.852	9.8	19.4
5 11	16 12.80	− 2 56.1	1.866	2.831	7.4	19.2
5 21	16 4.17	− 2 31.5	1.830	2.810	6.4	19.1
5 31	15 55.15	− 2 21.8	1.821	2.789	7.7	19.2
6 10	15 46.70	− 2 29.1	1.838	2.768	10.4	19.3
6 20	15 39.61	− 2 53.5	1.878	2.746	13.4	19.4
6 30	15 34.54	− 3 34.0	1.938	2.724	16.1	19.6

333486 2004 VM_{36} 5 23.5 295°.39 0°.4/23.3 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.61	−21 44.4	1.707	2.579	13.7	21.6
5 1	16 21.46	−21 15.9	1.605	2.547	10.1	21.3
5 11	16 13.83	−20 38.9	1.525	2.514	5.9	21.0
5 21	16 4.42	−19 54.5	1.470	2.481	1.2	20.6
5 31	15 54.34	−19 5.8	1.442	2.448	3.8	20.7
6 10	15 44.84	−18 17.6	1.440	2.415	8.8	20.9
6 20	15 37.06	−17 35.0	1.462	2.381	13.3	21.1
6 30	15 31.85	−17 2.5	1.505	2.348	17.4	21.3

519226 2010 VY_{34} 5 23.5 279°.41 3°.9/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.01	−33 18.9	2.295	3.128	12.0	21.1
5 1	16 20.47	−33 23.3	2.203	3.115	9.4	20.9
5 11	16 12.97	−33 15.0	2.135	3.101	6.6	20.7
5 21	16 4.20	−32 53.0	2.093	3.087	4.2	20.5
5 31	15 55.10	−32 17.8	2.078	3.074	4.3	20.5
6 10	15 46.67	−31 32.4	2.090	3.060	6.8	20.6
6 20	15 39.74	−30 41.3	2.128	3.046	9.9	20.8
6 30	15 34.94	−29 49.4	2.190	3.032	12.7	21.0

495891 2004 VS_{60} 5 23.5 319°.66 1°.5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.90	−27 49.3	1.030	1.920	19.1	20.8
5 1	16 23.52	−25 43.2	0.909	1.860	14.6	20.3
5 11	16 16.05	−22 47.1	0.807	1.800	8.8	19.7
5 21	16 5.07	−18 56.8	0.727	1.739	2.0	19.0
5 31	15 52.07	−14 20.0	0.673	1.678	7.3	19.1
6 10	15 39.33	− 9 20.5	0.643	1.617	16.2	19.3
6 20	15 29.01	− 4 30.1	0.634	1.557	24.8	19.4
6 30	15 22.84	− 0 16.4	0.642	1.498	32.5	19.6

504639 2008 WB_{109} 5 23.5 157°.75 1°.0/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.69	−24 41.3	2.113	2.970	12.0	21.9
5 1	16 20.81	−24 28.3	2.040	2.974	8.8	21.7
5 11	16 13.08	−24 7.5	1.991	2.977	5.2	21.5
5 21	16 4.23	−23 39.6	1.969	2.979	1.5	21.2
5 31	15 55.20	−23 6.7	1.976	2.982	2.9	21.4
6 10	15 46.94	−22 31.9	2.010	2.984	6.7	21.6
6 20	15 40.22	−21 58.9	2.069	2.986	10.1	21.8
6 30	15 35.60	−21 31.1	2.151	2.988	13.1	22.0

42898 1999 RC_{190} 5 23.5 358°.22 2°.5/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 22.84	−16 31.0	1.012	1.919	17.9	18.0
5 1	16 19.39	−16 17.9	0.955	1.914	13.1	17.7
5 11	16 12.83	−16 3.6	0.916	1.911	7.7	17.4
5 21	16 4.23	−15 51.2	0.899	1.909	2.8	17.1
5 31	15 55.19	−15 44.3	0.903	1.909	5.7	17.2
6 10	15 47.40	−15 46.5	0.929	1.910	11.2	17.5
6 20	15 42.16	−16 0.0	0.974	1.913	16.4	17.8
6 30	15 40.27	−16 25.7	1.036	1.917	20.7	18.1

190645 2000 XC_{18} 5 23.5 218°.35 5°.0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.54	−36 19.8	2.276	3.092	12.7	21.2
5 1	16 23.84	−36 36.6	2.187	3.084	10.1	21.0
5 11	16 14.94	−36 38.9	2.122	3.075	7.5	20.8
5 21	16 4.64	−36 24.5	2.082	3.066	5.4	20.7
5 31	15 53.97	−35 53.3	2.070	3.056	5.3	20.6
6 10	15 44.07	−35 8.3	2.085	3.046	7.5	20.8
6 20	15 35.88	−34 14.4	2.126	3.035	10.3	20.9
6 30	15 30.06	−33 17.4	2.190	3.024	13.0	21.1

366451 2002 AN_{18} 5 23.5 177°.64 8°.6/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.61	+11 5.8	2.907	3.697	10.9	22.4
5 1	16 20.19	+12 1.8	2.852	3.700	9.6	22.3
5 11	16 12.51	+12 43.6	2.822	3.702	8.8	22.3
5 21	16 4.12	+13 7.8	2.817	3.704	8.7	22.3
5 31	15 55.63	+13 12.0	2.838	3.704	9.3	22.3
6 10	15 47.69	+12 55.9	2.883	3.704	10.5	22.4
6 20	15 40.83	+12 21.0	2.950	3.702	11.9	22.5
6 30	15 35.44	+11 29.8	3.037	3.700	13.2	22.6

478124 2011 UG_{107} 5 23.5 167°.47 2°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.46	−15 55.1	2.579	3.443	9.9	22.3
5 1	16 18.13	−15 16.2	2.507	3.445	7.2	22.1
5 11	16 11.42	−14 35.7	2.461	3.448	4.2	21.9
5 21	16 3.90	−13 55.9	2.443	3.450	2.0	21.8
5 31	15 56.27	−13 19.4	2.454	3.452	3.5	21.9
6 10	15 49.22	−12 48.7	2.493	3.453	6.4	22.1
6 20	15 43.32	−12 25.8	2.558	3.454	9.2	22.2
6 30	15 39.01	−12 12.0	2.646	3.455	11.7	22.4

241903 2001 XF_{212} 5 23.5 169°.03 1°.3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.47	−18 16.1	2.199	3.061	11.4	21.5
5 1	16 21.23	−17 48.4	2.127	3.065	8.3	21.3
5 11	16 13.27	−17 17.5	2.080	3.069	4.7	21.1
5 21	16 4.29	−16 45.2	2.062	3.072	1.5	20.9
5 31	15 55.15	−16 14.0	2.072	3.074	3.4	21.1
6 10	15 46.74	−15 46.8	2.110	3.076	7.0	21.3
6 20	15 39.77	−15 26.1	2.173	3.077	10.3	21.5
6 30	15 34.77	−15 13.8	2.260	3.078	13.1	21.7

295773 2008 UR_{198} 5 23.5 182°.87 0°.9/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.71	−18 43.1	2.362	3.222	10.8	22.0
5 1	16 20.65	−18 29.9	2.285	3.222	7.8	21.8
5 11	16 12.95	−18 13.8	2.234	3.222	4.5	21.6
5 21	16 4.24	−17 56.0	2.211	3.222	1.2	21.3
5 31	15 55.34	−17 38.3	2.217	3.221	3.0	21.5
6 10	15 47.08	−17 22.8	2.251	3.220	6.5	21.7
6 20	15 40.14	−17 11.7	2.312	3.218	9.7	21.9
6 30	15 35.04	−17 6.8	2.395	3.215	12.4	22.1

366305 2013 CH_{67} 5 23.5 235°.81 3°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.98	−32 45.4	2.539	3.370	11.1	21.3
5 1	16 20.25	−32 47.9	2.452	3.362	8.6	21.1
5 11	16 12.78	−32 39.0	2.389	3.355	5.9	20.9
5 21	16 4.22	−32 18.1	2.352	3.347	3.7	20.7
5 31	15 55.41	−31 45.8	2.343	3.340	3.9	20.7
6 10	15 47.24	−31 4.9	2.363	3.332	6.2	20.9
6 20	15 40.43	−30 19.3	2.409	3.323	9.0	21.0
6 30	15 35.55	−29 33.1	2.478	3.315	11.6	21.2

117876 2586 P–L 5 23.5 209°.24 1°.5/22.8 17

4 21	16 29.16	−18 12.1	1.840	2.708	13.1	20.9
5 1	16 22.86	−17 45.6	1.762	2.702	9.5	20.6
5 11	16 14.39	−17 15.2	1.708	2.697	5.5	20.4
5 21	16 4.56	−16 42.9	1.680	2.690	1.7	20.1
5 31	15 54.41	−16 11.7	1.680	2.683	4.0	20.2
6 10	15 45.07	−15 44.9	1.707	2.675	8.2	20.5
6 20	15 37.43	−15 25.8	1.758	2.667	12.1	20.7
6 30	15 32.14	−15 16.5	1.831	2.658	15.4	20.9

209359 2004 DC_{46} 5 23.5 144°.74 5°.8/26.8 18

4 21	16 29.62	−38 46.9	2.301	3.108	12.8	20.6
5 1	16 23.13	−39 12.2	2.226	3.113	10.4	20.5
5 11	16 14.50	−39 22.0	2.175	3.118	8.0	20.3
5 21	16 4.57	−39 13.9	2.148	3.122	6.1	20.2
5 31	15 54.40	−38 47.9	2.149	3.126	6.0	20.2
6 10	15 45.09	−38 6.8	2.176	3.130	7.6	20.3
6 20	15 37.53	−37 15.6	2.228	3.133	10.0	20.5
6 30	15 32.32	−36 20.2	2.304	3.137	12.4	20.6

267269 2001 RB_{8} 5 23.5 156°.15 1°.0/24.1 17

4 21	16 29.06	−25 19.9	2.236	3.086	11.7	21.4
5 1	16 22.40	−25 2.9	2.164	3.094	8.6	21.2
5 11	16 13.95	−24 37.7	2.118	3.102	5.1	21.0
5 21	16 4.45	−24 5.0	2.100	3.109	1.6	20.8
5 31	15 54.82	−23 26.7	2.110	3.116	2.8	20.9
6 10	15 46.00	−22 46.4	2.149	3.122	6.4	21.1
6 20	15 38.73	−22 7.8	2.214	3.127	9.7	21.3
6 30	15 33.52	−21 34.3	2.302	3.131	12.6	21.5

497328 2005 TR_{157} 5 23.5 181°.92 0°.2/23.4 17

4 21	16 28.02	−21 34.8	2.121	2.981	11.9	22.9
5 1	16 21.76	−21 13.9	2.045	2.982	8.6	22.7
5 11	16 13.65	−20 47.2	1.994	2.982	5.0	22.5
5 21	16 4.41	−20 15.9	1.971	2.982	1.0	22.2
5 31	15 54.96	−19 42.3	1.976	2.981	3.1	22.4
6 10	15 46.27	−19 9.8	2.008	2.980	6.9	22.6
6 20	15 39.10	−18 41.5	2.067	2.978	10.4	22.8
6 30	15 34.02	−18 20.1	2.148	2.976	13.4	23.0

271597 2004 OD 5 23.5 260°.06 9°.9/18.4 18

4 21	16 25.75	+ 4 13.5	1.846	2.689	14.1	20.6
5 1	16 20.29	+ 5 20.4	1.779	2.678	12.0	20.4
5 11	16 12.89	+ 6 12.8	1.735	2.667	10.4	20.3
5 21	16 4.26	+ 6 44.6	1.715	2.656	10.0	20.2
5 31	15 55.35	+ 6 51.5	1.718	2.644	11.1	20.3
6 10	15 47.14	+ 6 32.0	1.745	2.633	13.2	20.4
6 20	15 40.46	+ 5 47.8	1.793	2.621	15.6	20.5
6 30	15 35.90	+ 4 42.5	1.859	2.609	17.9	20.7

250314 2003 QG_{105} 5 23.5 283°.41 2°.4/24.3 17

4 21	16 30.30	−25 51.0	1.518	2.385	15.4	20.7
5 1	16 24.60	−26 7.1	1.422	2.359	11.6	20.4
5 11	16 15.89	−26 14.0	1.347	2.332	7.2	20.1
5 21	16 4.96	−26 9.9	1.297	2.305	2.9	19.8
5 31	15 53.13	−25 54.6	1.273	2.278	4.3	19.8
6 10	15 41.98	−25 31.2	1.273	2.251	9.3	20.0
6 20	15 32.92	−25 4.7	1.297	2.223	14.2	20.2
6 30	15 26.97	−24 41.0	1.341	2.196	18.5	20.4

478355 2011 WQ_{151} 5 23.5 270°.41 7°.1/26.7 18

4 21	16 30.55	−41 19.3	2.321	3.116	13.1	21.4
5 1	16 24.16	−42 8.2	2.229	3.101	11.0	21.2
5 11	16 15.32	−42 41.9	2.158	3.085	8.9	21.0
5 21	16 4.80	−42 56.3	2.112	3.070	7.4	20.9
5 31	15 53.70	−42 49.6	2.092	3.054	7.3	20.9
6 10	15 43.27	−42 23.3	2.098	3.038	8.7	20.9
6 20	15 34.60	−41 41.8	2.129	3.022	11.0	21.0
6 30	15 28.47	−40 51.3	2.181	3.006	13.3	21.2

19169 1991 FD 5 23.5 53°.22 18°.1/14.2 18

4 21	16 25.81	+16 8.1	1.274	2.096	20.3	17.3
5 1	16 20.58	+18 38.9	1.261	2.115	18.9	17.3
5 11	16 13.03	+20 32.8	1.267	2.134	18.2	17.3
5 21	16 4.26	+21 40.8	1.291	2.153	18.3	17.4
5 31	15 55.58	+21 59.2	1.332	2.172	19.2	17.5
6 10	15 48.23	+21 31.0	1.389	2.192	20.5	17.6
6 20	15 43.02	+20 23.3	1.460	2.212	21.9	17.8
6 30	15 40.44	+18 45.1	1.544	2.233	23.2	18.0

342540 2008 UA_{223} 5 23.5 110°.42 1°.9/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.36	−26 25.4	1.917	2.775	13.0	20.9
5 1	16 21.55	−26 28.7	1.845	2.777	9.7	20.7
5 11	16 13.63	−26 23.0	1.797	2.780	5.9	20.5
5 21	16 4.42	−26 8.0	1.774	2.782	2.4	20.2
5 31	15 54.96	−25 45.1	1.779	2.784	3.4	20.3
6 10	15 46.34	−25 17.4	1.811	2.787	7.2	20.5
6 20	15 39.44	−24 48.9	1.867	2.789	10.8	20.8
6 30	15 34.88	−24 23.6	1.946	2.791	13.9	21.0

486711 2014 BJ_{8} 5 23.5 31°.63 21°.7/ 9.1 18

4 21	16 25.77	+16 22.4	1.020	1.859	23.1	20.3
5 1	16 21.19	+19 43.8	0.999	1.862	22.0	20.2
5 11	16 13.68	+22 24.0	0.994	1.865	21.7	20.2
5 21	16 4.43	+24 8.9	1.006	1.868	22.3	20.2
5 31	15 55.04	+24 51.4	1.032	1.872	23.6	20.3
6 10	15 47.08	+24 33.4	1.072	1.876	25.2	20.5
6 20	15 41.63	+23 23.3	1.122	1.880	26.9	20.6
6 30	15 39.33	+21 32.3	1.181	1.885	28.5	20.8

9889 1995 FG_{1} 5 23.5 356°.12 0°.5/23.8 18

4 21	16 25.60	−22 56.8	1.962	2.828	12.4	17.1
5 1	16 20.19	−22 46.1	1.889	2.827	9.1	16.8
5 11	16 12.83	−22 28.9	1.839	2.827	5.3	16.6
5 21	16 4.26	−22 5.9	1.816	2.827	1.2	16.3
5 31	15 55.46	−21 39.2	1.820	2.827	3.1	16.5
6 10	15 47.44	−21 12.0	1.851	2.827	7.1	16.7
6 20	15 41.00	−20 47.5	1.907	2.827	10.7	16.9
6 30	15 36.73	−20 28.7	1.985	2.827	13.8	17.1

205404 2001 FO_{7} 5 23.5 143°.79 0°.6/23.3 17

4 21	16 27.00	−19 26.8	2.018	2.884	12.1	20.9
5 1	16 21.10	−19 22.1	1.948	2.887	8.8	20.6
5 11	16 13.31	−19 14.1	1.902	2.891	5.0	20.4
5 21	16 4.36	−19 3.7	1.883	2.894	1.1	20.1
5 31	15 55.19	−18 52.5	1.892	2.897	3.2	20.3
6 10	15 46.79	−18 43.0	1.928	2.900	7.1	20.6
6 20	15 39.94	−18 37.2	1.989	2.903	10.6	20.8
6 30	15 35.20	−18 37.3	2.073	2.905	13.7	21.0

311152 2004 SY_{33} 5 23.5 206°.03 2°.2/24.2 16

4 21	16 33.73	−25 23.3	1.820	2.672	13.9	21.0
5 1	16 26.47	−25 53.2	1.738	2.667	10.4	20.8
5 11	16 16.64	−26 15.9	1.679	2.661	6.4	20.5
5 21	16 5.09	−26 29.4	1.647	2.655	2.7	20.3
5 31	15 53.02	−26 33.2	1.643	2.648	3.8	20.4
6 10	15 41.76	−26 29.4	1.667	2.640	8.0	20.6
6 20	15 32.43	−26 21.4	1.716	2.631	11.9	20.8
6 30	15 25.80	−26 13.6	1.786	2.621	15.4	21.0

175659 1981 EP_{23} 5 23.5 15°.33 8°.6/27.2 16

4 21	16 29.81	−42 11.6	1.860	2.666	15.5	19.5
5 1	16 23.96	−43 16.7	1.793	2.669	13.1	19.4
5 11	16 15.32	−44 2.7	1.747	2.674	10.7	19.2
5 21	16 4.82	−44 24.9	1.724	2.678	9.0	19.1
5 31	15 53.86	−44 21.1	1.725	2.684	8.8	19.1
6 10	15 43.93	−43 54.1	1.750	2.690	10.2	19.2
6 20	15 36.24	−43 9.6	1.798	2.696	12.4	19.4
6 30	15 31.58	−42 15.3	1.866	2.703	14.8	19.5

124316 2001 QX_{78} 5 23.5 236°.75 1°.8/24.3 16

4 21	16 31.74	−25 59.4	1.739	2.596	14.2	19.9
5 1	16 25.15	−25 58.0	1.649	2.582	10.6	19.6
5 11	16 15.94	−25 46.4	1.583	2.567	6.5	19.3
5 21	16 4.96	−25 23.9	1.542	2.551	2.4	19.0
5 31	15 53.43	−24 51.8	1.529	2.534	3.7	19.1
6 10	15 42.70	−24 13.9	1.542	2.517	8.2	19.3
6 20	15 33.92	−23 35.4	1.580	2.499	12.5	19.5
6 30	15 27.89	−23 1.5	1.639	2.480	16.3	19.7

504281 2006 WE_{102} 5 23.5 154°.21 2°.1/22.6 18

4 21	16 26.64	−12 55.4	2.673	3.529	9.8	21.6
5 1	16 20.41	−13 1.7	2.602	3.535	7.2	21.4
5 11	16 12.76	−13 9.8	2.557	3.541	4.3	21.3
5 21	16 4.25	−13 20.5	2.540	3.546	2.1	21.1
5 31	15 55.59	−13 34.7	2.553	3.551	3.4	21.2
6 10	15 47.47	−13 53.0	2.596	3.556	6.2	21.4
6 20	15 40.51	−14 16.0	2.665	3.560	9.0	21.6
6 30	15 35.14	−14 43.9	2.757	3.564	11.3	21.8

168989 2001 CH_{29} 5 23.5 180°.03 1°.0/23.9 18

4 21	16 31.00	−23 35.1	1.826	2.685	13.5	20.0
5 1	16 24.28	−23 40.6	1.752	2.686	10.0	19.8
5 11	16 15.27	−23 39.2	1.701	2.687	5.9	19.6
5 21	16 4.80	−23 30.5	1.677	2.688	1.7	19.3
5 31	15 54.01	−23 15.8	1.681	2.687	3.4	19.4
6 10	15 44.12	−22 57.9	1.712	2.686	7.6	19.7
6 20	15 36.06	−22 40.4	1.768	2.685	11.5	19.9
6 30	15 30.53	−22 26.9	1.846	2.683	14.9	20.1

502277 2015 BS_{133} 5 23.5 171°.94 0°.6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.50	−19 41.1	1.862	2.729	13.0	21.6
5 1	16 22.34	−19 32.8	1.790	2.730	9.4	21.4
5 11	16 14.09	−19 20.5	1.743	2.732	5.4	21.1
5 21	16 4.55	−19 5.2	1.722	2.733	1.2	20.8
5 31	15 54.76	−18 49.0	1.729	2.734	3.4	21.0
6 10	15 45.79	−18 34.5	1.762	2.735	7.6	21.3
6 20	15 38.53	−18 24.5	1.821	2.735	11.4	21.5
6 30	15 33.59	−18 21.2	1.901	2.735	14.7	21.7

192892 1999 XZ_{118} 5 23.5 191°.03 0°.5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.25	−22 55.6	2.483	3.335	10.6	21.8
5 1	16 21.05	−22 47.9	2.402	3.334	7.8	21.6
5 11	16 13.21	−22 34.7	2.346	3.332	4.5	21.4
5 21	16 4.36	−22 16.4	2.318	3.329	1.1	21.1
5 31	15 55.30	−21 54.6	2.320	3.326	2.6	21.2
6 10	15 46.86	−21 31.6	2.350	3.322	6.0	21.4
6 20	15 39.71	−21 10.0	2.407	3.318	9.2	21.6
6 30	15 34.40	−20 52.5	2.488	3.313	11.9	21.8

64310 2001 UB_{32} 5 23.5 131°.20 1°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.49	−23 25.5	1.479	2.347	15.6	20.1
5 1	16 25.72	−23 40.6	1.416	2.355	11.5	19.8
5 11	16 16.22	−23 48.3	1.375	2.362	6.8	19.6
5 21	16 5.01	−23 47.7	1.359	2.370	2.0	19.3
5 31	15 53.50	−23 39.8	1.370	2.376	3.9	19.4
6 10	15 43.15	−23 27.7	1.406	2.383	8.7	19.7
6 20	15 35.08	−23 15.6	1.465	2.388	13.0	20.0
6 30	15 30.00	−23 7.6	1.545	2.394	16.7	20.2

383590 2007 GQ_{45} 5 23.5 297°.49 2°.6/24.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.08	−24 22.0	1.687	2.549	14.3	20.9
5 1	16 24.96	−25 18.7	1.594	2.528	10.8	20.6
5 11	16 16.03	−26 12.1	1.524	2.508	6.7	20.3
5 21	16 5.04	−26 58.7	1.480	2.487	3.0	20.0
5 31	15 53.18	−27 36.3	1.463	2.466	4.3	20.1
6 10	15 41.89	−28 4.8	1.472	2.446	8.6	20.3
6 20	15 32.48	−28 26.2	1.505	2.426	12.9	20.5
6 30	15 25.91	−28 44.3	1.560	2.406	16.7	20.7

98489 2000 UR_{106} 5 23.5 119°.35 1°.4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.36	−16 36.7	1.635	2.504	14.4	19.5
5 1	16 25.23	−16 45.7	1.577	2.517	10.4	19.3
5 11	16 15.77	−16 54.2	1.542	2.531	6.0	19.0
5 21	16 4.90	−17 2.6	1.533	2.543	1.8	18.8
5 31	15 53.86	−17 12.1	1.552	2.556	4.0	19.0
6 10	15 43.88	−17 24.2	1.597	2.568	8.4	19.2
6 20	15 35.91	−17 40.6	1.666	2.579	12.4	19.5
6 30	15 30.57	−18 2.5	1.757	2.590	15.7	19.7

386151 2007 TD_{271} 5 23.5 89°.31 1°.7/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.11	−26 36.1	2.255	3.104	11.7	22.1
5 1	16 21.66	−26 38.0	2.200	3.128	8.6	22.0
5 11	16 13.51	−26 31.7	2.170	3.151	5.3	21.8
5 21	16 4.42	−26 17.4	2.167	3.174	2.2	21.6
5 31	15 55.30	−25 56.4	2.193	3.197	3.0	21.7
6 10	15 47.04	−25 31.5	2.246	3.220	6.1	22.0
6 20	15 40.32	−25 6.0	2.326	3.242	9.2	22.2
6 30	15 35.61	−24 43.0	2.429	3.264	11.8	22.4

70282 1999 RW_{111} 5 23.5 0°.84 1°.7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 19.37	−22 49.9	0.933	1.844	18.6	16.9
5 1	16 17.01	−21 24.2	0.878	1.840	13.6	16.6
5 11	16 11.51	−19 41.4	0.841	1.837	7.7	16.3
5 21	16 4.06	−17 49.2	0.826	1.837	2.1	15.9
5 31	15 56.33	−15 58.6	0.832	1.839	5.7	16.2
6 10	15 50.02	−14 21.8	0.859	1.842	11.7	16.5
6 20	15 46.29	−13 7.3	0.906	1.847	17.0	16.8
6 30	15 45.84	−12 19.0	0.968	1.854	21.5	17.1

113317 2002 RL_{200} 5 23.5 183°.18 2°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.27	−32 18.3	2.958	3.786	9.8	19.3
5 1	16 18.78	−32 18.3	2.876	3.786	7.5	19.1
5 11	16 11.87	−32 8.7	2.819	3.786	5.1	19.0
5 21	16 4.10	−31 49.2	2.789	3.785	3.2	18.8
5 31	15 56.17	−31 20.5	2.788	3.785	3.3	18.8
6 10	15 48.80	−30 45.1	2.816	3.784	5.4	19.0
6 20	15 42.59	−30 5.8	2.870	3.783	7.8	19.1
6 30	15 38.00	−29 26.2	2.949	3.783	10.0	19.3

270571 2002 JS_{68} 5 23.5 27°.51 2°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.37	−22 59.9	1.514	2.383	15.3	19.1
5 1	16 25.00	−24 4.9	1.451	2.389	11.3	18.9
5 11	16 15.89	−25 5.8	1.410	2.396	6.9	18.7
5 21	16 4.98	−25 59.4	1.395	2.403	2.8	18.4
5 31	15 53.61	−26 43.3	1.406	2.411	4.2	18.5
6 10	15 43.26	−27 17.8	1.443	2.419	8.6	18.8
6 20	15 35.09	−27 45.1	1.504	2.428	12.7	19.1
6 30	15 29.88	−28 9.0	1.586	2.437	16.2	19.3

470307 2007 JB_{37} 5 23.6 7°.27 10°.1/18.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 19.72	− 4 4.6	1.148	2.045	17.0	20.1
5 1	16 16.58	− 2 17.3	1.103	2.046	13.6	19.9
5 11	16 11.00	− 0 41.5	1.079	2.049	10.8	19.7
5 21	16 3.95	+ 0 32.8	1.076	2.053	10.1	19.7
5 31	15 56.74	+ 1 17.7	1.094	2.059	11.9	19.8
6 10	15 50.63	+ 1 30.1	1.133	2.067	15.0	20.0
6 20	15 46.59	+ 1 11.4	1.190	2.076	18.2	20.2
6 30	15 45.20	+ 0 26.1	1.263	2.086	21.2	20.4

349189 2007 RQ_{157} 5 23.6 282°.40 2°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.73	−26 37.4	1.951	2.806	13.0	20.8
5 1	16 22.85	−27 6.0	1.857	2.786	9.8	20.5
5 11	16 14.63	−27 27.4	1.786	2.766	6.2	20.3
5 21	16 4.75	−27 39.8	1.741	2.746	3.0	20.0
5 31	15 54.26	−27 42.6	1.723	2.726	3.8	20.0
6 10	15 44.37	−27 37.6	1.732	2.706	7.6	20.2
6 20	15 36.11	−27 27.9	1.767	2.686	11.4	20.4
6 30	15 30.30	−27 17.6	1.823	2.666	14.8	20.6

126340 2002 AU_{157} 5 23.6 190°.34 0°.1/23.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.85	−21 57.9	2.243	3.100	11.4	21.0
5 1	16 21.62	−21 40.0	2.164	3.099	8.3	20.8
5 11	16 13.60	−21 16.3	2.110	3.098	4.8	20.6
5 21	16 4.48	−20 47.8	2.084	3.095	1.0	20.3
5 31	15 55.15	−20 16.7	2.087	3.092	2.9	20.4
6 10	15 46.52	−19 45.8	2.117	3.089	6.6	20.7
6 20	15 39.32	−19 18.3	2.174	3.085	10.0	20.9
6 30	15 34.12	−18 56.9	2.254	3.080	12.9	21.1

42989 1999 TO_{245} 5 23.6 253°.29 5°.9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.80	− 6 17.6	1.959	2.826	12.4	19.4
5 1	16 19.54	− 5 21.3	1.887	2.818	9.6	19.2
5 11	16 12.47	− 4 30.4	1.838	2.809	7.0	19.0
5 21	16 4.26	− 3 49.3	1.816	2.801	5.9	18.9
5 31	15 55.79	− 3 22.1	1.820	2.792	7.3	19.0
6 10	15 48.00	− 3 11.4	1.849	2.783	10.1	19.1
6 20	15 41.63	− 3 17.8	1.901	2.774	13.0	19.3
6 30	15 37.26	− 3 40.4	1.974	2.764	15.7	19.4

467875 2011 CC_{26} 5 23.6 124°.21 7°.5/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.81	− 2 28.3	1.717	2.580	14.1	21.3
5 1	16 21.09	− 1 42.4	1.659	2.583	11.1	21.2
5 11	16 13.36	− 1 7.3	1.623	2.585	8.6	21.0
5 21	16 4.44	− 0 47.9	1.612	2.588	7.5	20.9
5 31	15 55.34	− 0 47.4	1.626	2.590	8.8	21.0
6 10	15 47.09	− 1 7.0	1.665	2.593	11.4	21.2
6 20	15 40.51	− 1 45.3	1.726	2.595	14.3	21.4
6 30	15 36.19	− 2 39.8	1.807	2.597	17.0	21.6

59457 1999 GF_{39} 5 23.6 179°.59 4°.5/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.35	−31 27.1	1.998	2.833	13.5	18.7
5 1	16 26.14	−32 19.4	1.922	2.834	10.5	18.5
5 11	16 16.46	−33 1.0	1.868	2.835	7.3	18.4
5 21	16 5.12	−33 28.7	1.841	2.835	4.8	18.2
5 31	15 53.31	−33 40.9	1.842	2.835	5.2	18.2
6 10	15 42.31	−33 39.1	1.870	2.834	7.9	18.4
6 20	15 33.18	−33 27.3	1.924	2.833	11.1	18.6
6 30	15 26.68	−33 10.7	1.999	2.832	14.1	18.8

156298 2001 XT_{8} 5 23.6 88°.67 2°.3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.98	−24 19.8	1.713	2.573	14.2	19.8
5 1	16 25.26	−25 10.6	1.642	2.576	10.6	19.6
5 11	16 15.98	−25 55.9	1.595	2.579	6.5	19.4
5 21	16 5.03	−26 33.2	1.574	2.582	2.8	19.1
5 31	15 53.62	−27 0.9	1.580	2.585	4.0	19.2
6 10	15 43.10	−27 20.1	1.613	2.588	8.0	19.5
6 20	15 34.56	−27 33.5	1.671	2.591	11.9	19.7
6 30	15 28.77	−27 44.7	1.750	2.593	15.3	19.9

337876 2001 WB_{53} 5 23.6 265°.10 1°.4/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 17.19	−15 31.5	4.388	5.247	6.2	20.8
5 1	16 13.25	−14 50.5	4.305	5.241	4.5	20.7
5 11	16 8.56	−14 8.5	4.251	5.236	2.7	20.5
5 21	16 3.44	−13 27.0	4.225	5.231	1.4	20.4
5 31	15 58.25	−12 47.6	4.230	5.225	2.4	20.5
6 10	15 53.35	−12 11.9	4.264	5.220	4.2	20.6
6 20	15 49.06	−11 41.3	4.326	5.215	6.0	20.7
6 30	15 45.65	−11 16.6	4.413	5.209	7.6	20.9

284607 2007 TG_{429} 5 23.6 310°.07 0°.8/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.01	−23 41.2	1.975	2.839	12.5	21.2
5 1	16 20.55	−23 36.6	1.900	2.837	9.1	21.0
5 11	16 13.10	−23 25.2	1.849	2.835	5.4	20.7
5 21	16 4.41	−23 7.3	1.823	2.834	1.5	20.5
5 31	15 55.46	−22 44.7	1.825	2.832	3.1	20.6
6 10	15 47.27	−22 20.3	1.854	2.830	7.0	20.8
6 20	15 40.66	−21 57.5	1.908	2.829	10.6	21.0
6 30	15 36.24	−21 39.4	1.985	2.827	13.8	21.2

395551 2011 UQ_{191} 5 23.6 122°.69 0°.9/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 23.85	−19 49.7	2.546	3.407	10.1	20.6
5 1	16 18.44	−19 8.8	2.479	3.416	7.3	20.5
5 11	16 11.66	−18 23.8	2.437	3.425	4.1	20.3
5 21	16 4.09	−17 36.7	2.424	3.434	1.1	20.1
5 31	15 56.45	−16 50.4	2.440	3.443	2.9	20.2
6 10	15 49.46	−16 7.8	2.484	3.451	6.0	20.4
6 20	15 43.67	−15 31.6	2.555	3.459	8.9	20.6
6 30	15 39.52	−15 3.6	2.649	3.467	11.4	20.8

396333 2014 DL_{55} 5 23.6 351°.99 2°.3/22.4 18

4 21	16 23.72	−15 33.5	1.972	2.846	12.0	20.7
5 1	16 18.78	−15 6.1	1.901	2.844	8.7	20.5
5 11	16 12.04	−14 37.8	1.854	2.843	5.2	20.2
5 21	16 4.19	−14 10.9	1.834	2.842	2.4	20.0
5 31	15 56.14	−13 48.1	1.841	2.841	4.2	20.2
6 10	15 48.79	−13 32.3	1.874	2.840	7.8	20.4
6 20	15 42.90	−13 25.2	1.931	2.839	11.2	20.6
6 30	15 39.01	−13 27.9	2.010	2.839	14.2	20.8

175070 2004 GJ_{32} 5 23.6 5°.36 3°.4/25.5 17

4 21	16 25.27	−31 37.3	1.805	2.658	14.0	19.3
5 1	16 20.22	−31 21.0	1.733	2.658	10.7	19.1
5 11	16 12.97	−30 49.7	1.683	2.658	7.1	18.9
5 21	16 4.39	−30 3.3	1.657	2.659	3.9	18.7
5 31	15 55.61	−29 4.4	1.659	2.661	4.1	18.7
6 10	15 47.79	−27 58.1	1.686	2.663	7.5	18.9
6 20	15 41.80	−26 50.4	1.738	2.665	11.1	19.1
6 30	15 38.26	−25 47.3	1.812	2.668	14.3	19.3

19383 Rolling Stones 5 23.6 288°.64 5°.2/25.1 18

4 21	16 30.59	−31 21.1	1.443	2.300	16.5	18.1
5 1	16 25.03	−31 58.2	1.357	2.283	12.9	17.8
5 11	16 16.26	−32 21.6	1.292	2.266	9.0	17.5
5 21	16 5.16	−32 27.4	1.249	2.248	5.7	17.3
5 31	15 53.22	−32 13.8	1.232	2.231	6.1	17.3
6 10	15 42.18	−31 43.8	1.239	2.213	9.9	17.4
6 20	15 33.53	−31 3.9	1.268	2.196	14.3	17.6
6 30	15 28.27	−30 21.8	1.317	2.179	18.3	17.8

359016 2008 UD_{288} 5 23.6 86°.23 0°.2/23.5 18

4 21	16 32.26	−19 53.4	1.314	2.192	16.5	21.0
5 1	16 25.67	−20 6.0	1.260	2.205	12.0	20.7
5 11	16 16.24	−20 14.7	1.227	2.217	6.9	20.5
5 21	16 5.08	−20 19.1	1.218	2.229	1.4	20.2
5 31	15 53.70	−20 20.7	1.234	2.241	4.1	20.4
6 10	15 43.62	−20 22.1	1.276	2.253	9.3	20.7
6 20	15 35.99	−20 26.4	1.340	2.265	13.9	21.0
6 30	15 31.49	−20 36.3	1.424	2.277	17.7	21.3

342754 2008 WJ_{75} 5 23.6 322°.57 3°.3/24.1 17

4 21	16 30.05	−25 15.3	1.538	2.405	15.2	19.6
5 1	16 24.37	−26 20.7	1.455	2.391	11.5	19.3
5 11	16 15.78	−27 21.9	1.394	2.376	7.3	19.0
5 21	16 5.06	−28 14.8	1.357	2.363	3.7	18.8
5 31	15 53.52	−28 56.6	1.347	2.350	4.8	18.8
6 10	15 42.70	−29 27.1	1.362	2.337	9.1	19.0
6 20	15 33.95	−29 48.7	1.401	2.325	13.4	19.2
6 30	15 28.26	−30 5.8	1.459	2.314	17.2	19.5

205161 1999 XU_{254} 5 23.6 195°.28 1°.0/24.1 17

4 21	16 27.14	−24 54.1	2.480	3.329	10.7	22.3
5 1	16 21.03	−24 42.9	2.397	3.326	7.9	22.1
5 11	16 13.25	−24 24.6	2.340	3.323	4.7	21.9
5 21	16 4.46	−23 59.8	2.310	3.320	1.5	21.6
5 31	15 55.46	−23 29.9	2.310	3.316	2.6	21.7
6 10	15 47.08	−22 57.7	2.338	3.311	6.0	21.9
6 20	15 40.03	−22 26.2	2.393	3.306	9.1	22.1
6 30	15 34.83	−21 58.5	2.471	3.300	11.9	22.3

37215 2000 WU_{131} 5 23.6 303°.03 1°.5/22.9 18

4 21	16 26.04	−18 8.4	1.690	2.566	13.6	19.2
5 1	16 20.82	−17 49.0	1.614	2.559	9.9	18.9
5 11	16 13.38	−17 26.2	1.561	2.551	5.7	18.7
5 21	16 4.51	−17 2.0	1.534	2.544	1.7	18.4
5 31	15 55.29	−16 39.1	1.533	2.537	4.1	18.5
6 10	15 46.87	−16 20.9	1.557	2.530	8.4	18.8
6 20	15 40.20	−16 10.2	1.606	2.523	12.5	19.0
6 30	15 35.94	−16 9.0	1.675	2.517	16.0	19.2

429223 2009 YS_{13} 5 23.6 181°.23 0°.6/23.3 17

4 21	16 27.83	−19 21.4	2.158	3.020	11.6	22.0
5 1	16 21.66	−19 13.9	2.083	3.021	8.4	21.8
5 11	16 13.67	−19 3.1	2.033	3.021	4.8	21.6
5 21	16 4.56	−18 50.0	2.010	3.021	1.1	21.3
5 31	15 55.21	−18 36.2	2.015	3.020	3.1	21.4
6 10	15 46.56	−18 23.9	2.049	3.020	6.9	21.7
6 20	15 39.38	−18 15.4	2.108	3.018	10.3	21.9
6 30	15 34.22	−18 12.8	2.190	3.016	13.2	22.1

497438 2005 XJ_{100} 5 23.6 195°.56 1°.8/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.60	−15 34.7	2.468	3.326	10.5	23.3
5 1	16 21.29	−15 15.3	2.387	3.323	7.6	23.1
5 11	16 13.38	−14 55.0	2.333	3.319	4.5	22.9
5 21	16 4.49	−14 35.4	2.306	3.314	1.9	22.7
5 31	15 55.39	−14 18.2	2.309	3.309	3.5	22.9
6 10	15 46.87	−14 5.8	2.341	3.303	6.7	23.0
6 20	15 39.60	−13 59.5	2.399	3.296	9.8	23.2
6 30	15 34.10	−14 0.8	2.480	3.288	12.4	23.4

297295 1998 QN_3 5 23.6 229°.22 10°.9/13.4 18

4 21	16 26.20	+20 26.7	2.929	3.666	12.0	21.4
5 1	16 20.11	+21 35.5	2.868	3.650	11.3	21.3
5 11	16 12.65	+22 26.3	2.829	3.634	10.9	21.2
5 21	16 4.34	+22 54.7	2.811	3.616	11.0	21.2
5 31	15 55.83	+22 58.1	2.816	3.598	11.6	21.2
6 10	15 47.80	+22 36.1	2.842	3.579	12.6	21.3
6 20	15 40.83	+21 50.3	2.887	3.559	13.7	21.3
6 30	15 35.38	+20 44.0	2.949	3.539	14.7	21.4

347417 2012 SR_{44} 5 23.6 185°.18 3°.3/21.4 18

4 21	16 24.86	−12 13.0	2.442	3.305	10.4	21.3
5 1	16 19.25	−11 20.3	2.370	3.305	7.7	21.1
5 11	16 12.18	−10 28.1	2.323	3.304	4.9	20.9
5 21	16 4.24	− 9 39.2	2.304	3.304	3.3	20.8
5 31	15 56.17	− 8 57.1	2.314	3.302	4.7	20.9
6 10	15 48.70	− 8 24.6	2.352	3.300	7.5	21.1
6 20	15 42.43	− 8 3.2	2.416	3.298	10.3	21.3
6 30	15 37.84	− 7 53.8	2.501	3.295	12.7	21.4

225790 2001 UY_{111} 5 23.6 231°.52 5°.3/25.0 18 R

4 21	16 33.23	−32 14.0	1.814	2.652	14.5	19.9
5 1	16 26.39	−33 16.3	1.735	2.648	11.4	19.7
5 11	16 16.79	−34 7.5	1.679	2.643	8.1	19.5
5 21	16 5.27	−34 43.2	1.648	2.639	5.6	19.3
5 31	15 53.12	−35 1.0	1.644	2.634	6.0	19.4
6 10	15 41.79	−35 2.2	1.666	2.629	8.8	19.5
6 20	15 32.50	−34 51.1	1.712	2.624	12.2	19.7
6 30	15 26.11	−34 33.5	1.780	2.619	15.3	19.9

180720 2004 JM_{22} 5 23.6 322°.27 0°.5/23.8 17

4 21	16 24.74	−23 23.0	2.042	2.907	12.1	20.4
5 1	16 19.58	−23 9.6	1.965	2.903	8.8	20.2
5 11	16 12.55	−22 49.3	1.912	2.899	5.2	19.9
5 21	16 4.34	−22 23.0	1.885	2.895	1.3	19.7
5 31	15 55.89	−21 52.9	1.885	2.892	3.0	19.8
6 10	15 48.14	−21 21.9	1.913	2.888	6.8	20.0
6 20	15 41.90	−20 53.6	1.965	2.885	10.4	20.2
6 30	15 37.74	−20 31.0	2.040	2.882	13.5	20.4

93978 2000 XT_9 5 23.6 170°.48 4°.2/25.4 18

4 21	16 31.32	−32 57.6	2.330	3.155	12.1	19.6
5 1	16 24.34	−33 31.2	2.253	3.159	9.5	19.4
5 11	16 15.29	−33 53.5	2.200	3.162	6.7	19.2
5 21	16 4.92	−34 2.4	2.173	3.164	4.5	19.1
5 31	15 54.22	−33 57.5	2.175	3.166	4.7	19.1
6 10	15 44.28	−33 40.7	2.205	3.168	7.0	19.2
6 20	15 35.94	−33 15.8	2.261	3.169	9.8	19.4
6 30	15 29.86	−32 47.6	2.340	3.169	12.4	19.6

107392 2001 CZ_{45} 5 23.6 200°.14 0°.5/23.7 18

4 21	16 31.93	−20 45.4	1.674	2.540	14.2	19.7
5 1	16 25.23	−21 11.9	1.600	2.538	10.5	19.5
5 11	16 15.99	−21 35.0	1.548	2.536	6.1	19.2
5 21	16 5.09	−21 53.8	1.523	2.534	1.4	18.9
5 31	15 53.72	−22 8.3	1.525	2.531	3.6	19.1
6 10	15 43.22	−22 19.9	1.553	2.528	8.2	19.3
6 20	15 34.68	−22 31.0	1.606	2.525	12.4	19.6
6 30	15 28.86	−22 44.4	1.681	2.521	16.0	19.8

171671 2000 PF_{32} 5 23.6 312°.54 3°.7/22.7 18

4 21	16 27.25	−13 37.0	1.157	2.051	17.1	19.9
5 1	16 23.05	−13 30.5	1.061	2.013	12.9	19.5
5 11	16 15.45	−13 27.0	0.985	1.976	8.0	19.1
5 21	16 5.11	−13 29.6	0.931	1.939	3.9	18.7
5 31	15 53.42	−13 41.6	0.899	1.902	6.6	18.8
6 10	15 42.19	−14 5.9	0.890	1.866	12.5	18.9
6 20	15 33.16	−14 44.2	0.900	1.830	18.3	19.1
6 30	15 27.67	−15 37.3	0.927	1.796	23.6	19.3

431951 2008 UJ_{52} 5 23.6 269°.61 1°.1/23.9 18

4 21	16 28.23	−23 15.1	1.952	2.813	12.7	21.4
5 1	16 22.39	−23 28.1	1.862	2.797	9.4	21.2
5 11	16 14.33	−23 35.5	1.795	2.782	5.6	20.9
5 21	16 4.76	−23 36.9	1.755	2.766	1.7	20.6
5 31	15 54.70	−23 32.7	1.743	2.749	3.2	20.7
6 10	15 45.27	−23 25.0	1.758	2.733	7.4	20.9
6 20	15 37.43	−23 16.7	1.798	2.717	11.3	21.1
6 30	15 31.92	−23 11.2	1.859	2.700	14.7	21.3

497065 2003 UU_{69} 5 23.6 197°.86 1°.0/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.74	−19 17.2	1.863	2.728	13.0	23.0
5 1	16 23.32	−18 56.8	1.786	2.725	9.5	22.8
5 11	16 14.75	−18 32.0	1.733	2.722	5.5	22.5
5 21	16 4.83	−18 4.2	1.707	2.718	1.4	22.2
5 31	15 54.60	−17 36.1	1.709	2.713	3.7	22.4
6 10	15 45.20	−17 10.9	1.738	2.708	7.9	22.6
6 20	15 37.50	−16 51.9	1.792	2.702	11.8	22.8
6 30	15 32.17	−16 41.5	1.867	2.696	15.1	23.0

477665 2010 OZ_{11} 5 23.6 278°.38 4°.7/25.7 18

4 21	16 27.74	−34 37.5	2.401	3.225	11.9	21.1
5 1	16 21.86	−35 12.4	2.310	3.212	9.4	20.9
5 11	16 13.95	−35 36.1	2.242	3.199	6.9	20.7
5 21	16 4.68	−35 46.1	2.201	3.187	5.0	20.5
5 31	15 54.96	−35 41.8	2.187	3.174	5.1	20.5
6 10	15 45.83	−35 24.7	2.200	3.161	7.1	20.6
6 20	15 38.16	−34 58.3	2.239	3.148	9.8	20.8
6 30	15 32.65	−34 27.3	2.301	3.136	12.4	20.9

294782 2008 CH_{49} 5 23.6 121°.38 1°.0/22.9 18

4 21	16 25.18	−18 25.3	2.777	3.633	9.5	22.1
5 1	16 19.28	−18 1.3	2.716	3.652	6.8	22.0
5 11	16 12.11	−17 34.9	2.682	3.670	3.9	21.8
5 21	16 4.24	−17 7.6	2.677	3.687	1.2	21.6
5 31	15 56.34	−16 41.2	2.701	3.704	2.7	21.8
6 10	15 49.05	−16 17.9	2.755	3.720	5.6	22.0
6 20	15 42.91	−15 59.4	2.835	3.736	8.3	22.2
6 30	15 38.30	−15 47.2	2.939	3.752	10.5	22.4

242716 2005 UZ_{86} 5 23.6 307°.34 3°.4/21.4 16

4 21	16 22.60	−13 37.5	2.113	2.986	11.4	20.0
5 1	16 17.90	−12 38.0	2.035	2.977	8.4	19.8
5 11	16 11.54	−11 37.2	1.983	2.968	5.3	19.6
5 21	16 4.15	−10 39.0	1.957	2.959	3.4	19.4
5 31	15 56.56	− 9 47.5	1.959	2.950	5.1	19.5
6 10	15 49.58	− 9 6.3	1.987	2.942	8.2	19.7
6 20	15 43.93	− 8 37.9	2.040	2.933	11.4	19.9
6 30	15 40.11	− 8 23.3	2.114	2.925	14.2	20.1

45070 1999 XA_{36} 5 23.6 182°.11 1°.1/23.1 18

4 21	16 29.64	−18 35.0	2.028	2.890	12.3	20.2
5 1	16 23.06	−18 18.4	1.953	2.891	8.9	20.0
5 11	16 14.52	−17 58.4	1.903	2.891	5.1	19.7
5 21	16 4.78	−17 36.5	1.881	2.891	1.4	19.5
5 31	15 54.79	−17 14.8	1.886	2.890	3.5	19.6
6 10	15 45.58	−16 56.0	1.920	2.889	7.4	19.9
6 20	15 37.95	−16 42.8	1.979	2.886	11.0	20.1
6 30	15 32.50	−16 37.2	2.060	2.883	14.1	20.3

506401 2017 SP_{4} 5 23.6 166°.00 1°.4/22.9 17

4 21	16 28.11	−16 29.3	2.271	3.131	11.2	22.0
5 1	16 21.76	−16 27.2	2.199	3.136	8.1	21.8
5 11	16 13.70	−16 24.3	2.152	3.139	4.7	21.6
5 21	16 4.60	−16 21.6	2.133	3.143	1.6	21.3
5 31	15 55.30	−16 20.3	2.143	3.146	3.3	21.5
6 10	15 46.66	−16 22.1	2.181	3.148	6.8	21.7
6 20	15 39.41	−16 28.3	2.245	3.150	10.0	21.9
6 30	15 34.07	−16 40.2	2.332	3.151	12.8	22.1

437460 2013 YR_{20} 5 23.6 191°.60 1°.7/22.9 18

4 21	16 28.49	−15 9.7	2.313	3.172	11.0	21.2
5 1	16 22.05	−15 12.2	2.235	3.171	8.1	21.0
5 11	16 13.90	−15 15.1	2.183	3.169	4.7	20.8
5 21	16 4.65	−15 19.2	2.158	3.167	1.8	20.6
5 31	15 55.15	−15 25.7	2.162	3.164	3.5	20.7
6 10	15 46.26	−15 35.7	2.195	3.160	6.9	20.9
6 20	15 38.70	−15 50.3	2.254	3.156	10.1	21.1
6 30	15 33.04	−16 10.5	2.337	3.152	12.9	21.3

126708 2002 CU_{241} 5 23.6 156°.07 2°.1/22.4 17

4 21	16 27.09	−15 57.3	2.214	3.077	11.3	21.1
5 1	16 20.99	−15 23.8	2.147	3.084	8.2	20.9
5 11	16 13.23	−14 48.7	2.104	3.091	4.8	20.7
5 21	16 4.50	−14 14.4	2.090	3.097	2.2	20.5
5 31	15 55.65	−13 43.5	2.104	3.103	3.9	20.6
6 10	15 47.52	−13 18.9	2.146	3.108	7.2	20.8
6 20	15 40.80	−13 2.5	2.213	3.112	10.4	21.1
6 30	15 35.98	−12 55.6	2.303	3.116	13.1	21.2

474912 2005 SQ_{213} 5 23.6 262°.59 0°.1/23.6 18 R

4 21	16 24.76	−22 0.3	2.448	3.306	10.5	22.0
5 1	16 19.41	−21 48.4	2.356	3.291	7.7	21.8
5 11	16 12.42	−21 31.5	2.289	3.276	4.5	21.6
5 21	16 4.36	−21 10.2	2.250	3.261	1.0	21.3
5 31	15 56.00	−20 46.2	2.239	3.245	2.7	21.4
6 10	15 48.16	−20 21.9	2.257	3.229	6.2	21.6
6 20	15 41.54	−19 59.9	2.300	3.213	9.4	21.8
6 30	15 36.70	−19 42.8	2.367	3.197	12.2	21.9

502860 2015 DX_{196} 5 23.6 161°.18 6°.9/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 33.28	−41 36.0	2.188	2.981	13.9	21.6
5 1	16 26.03	−42 5.0	2.114	2.986	11.5	21.4
5 11	16 16.36	−42 15.8	2.061	2.991	9.1	21.3
5 21	16 5.18	−42 5.1	2.033	2.995	7.3	21.2
5 31	15 53.73	−41 32.5	2.032	2.999	7.0	21.1
6 10	15 43.29	−40 41.4	2.056	3.002	8.5	21.2
6 20	15 34.87	−39 37.6	2.106	3.005	10.8	21.4
6 30	15 29.12	−38 28.3	2.179	3.008	13.2	21.6

34717 Mirkovilli 5 23.6 241°.98 3°.4/24.9 18

4 21	16 31.81	−29 38.2	1.559	2.414	15.6	19.0
5 1	16 25.53	−29 39.7	1.474	2.403	12.0	18.8
5 11	16 16.36	−29 26.7	1.412	2.391	7.8	18.5
5 21	16 5.22	−28 57.5	1.374	2.378	3.9	18.2
5 31	15 53.53	−28 13.3	1.362	2.365	4.6	18.2
6 10	15 42.81	−27 18.9	1.375	2.352	8.9	18.4
6 20	15 34.34	−26 21.3	1.413	2.338	13.3	18.7
6 30	15 28.94	−25 27.6	1.470	2.323	17.2	18.9

469148 2015 FJ_{311} 5 23.6 1°.01 6°.8/20.8 17

4 21	16 22.91	− 6 40.9	1.458	2.342	14.8	19.8
5 1	16 18.63	− 5 50.2	1.399	2.340	11.4	19.6
5 11	16 12.14	− 5 7.2	1.363	2.339	8.3	19.4
5 21	16 4.31	− 4 37.5	1.349	2.339	6.8	19.3
5 31	15 56.23	− 4 25.4	1.360	2.340	8.3	19.4
6 10	15 49.06	− 4 33.0	1.394	2.342	11.5	19.6
6 20	15 43.70	− 4 59.9	1.449	2.345	15.0	19.8
6 30	15 40.76	− 5 44.0	1.523	2.348	18.1	20.0

159663 2002 EY_{132} 5 23.6 113°.52 0°.1/23.5 17

4 21	16 27.23	−21 54.5	1.832	2.700	13.1	20.7
5 1	16 21.47	−21 34.8	1.765	2.705	9.5	20.5
5 11	16 13.66	−21 8.6	1.721	2.710	5.5	20.3
5 21	16 4.62	−20 37.5	1.704	2.715	1.1	20.0
5 31	15 55.39	−20 3.9	1.713	2.720	3.3	20.2
6 10	15 47.04	−19 31.6	1.750	2.724	7.5	20.4
6 20	15 40.42	−19 4.2	1.811	2.729	11.2	20.7
6 30	15 36.09	−18 44.4	1.894	2.734	14.5	20.9

250902 2005 VB_{103} 5 23.6 191°.14 3°.6/25.6 18

4 21	16 26.20	−32 47.1	2.465	3.296	11.4	20.4
5 1	16 20.50	−32 55.9	2.385	3.296	8.8	20.3
5 11	16 13.04	−32 53.6	2.330	3.296	6.1	20.1
5 21	16 4.49	−32 39.0	2.300	3.295	3.9	20.0
5 31	15 55.72	−32 13.0	2.299	3.295	4.0	20.0
6 10	15 47.62	−31 38.0	2.325	3.294	6.3	20.1
6 20	15 40.93	−30 58.0	2.378	3.293	9.0	20.3
6 30	15 36.22	−30 17.0	2.454	3.292	11.6	20.4

1396 Outeniqua 5 23.6 343°.11 4°.6/24.8 18 R

4 21	16 25.70	−28 15.0	1.037	1.928	19.0	14.4
5 1	16 22.03	−28 54.6	0.971	1.917	14.6	14.1
5 11	16 14.77	−29 20.8	0.922	1.907	9.6	13.8
5 21	16 4.95	−29 29.9	0.894	1.899	5.2	13.5
5 31	15 54.35	−29 21.1	0.887	1.892	6.0	13.5
6 10	15 45.01	−28 58.2	0.902	1.886	11.0	13.7
6 20	15 38.53	−28 28.4	0.936	1.882	16.1	14.0
6 30	15 35.94	−27 59.5	0.987	1.878	20.7	14.3

490158 2008 UB_{203} 5 23.6 263°.06 0°.8/24.0 18

4 21	16 28.38	−24 40.8	2.222	3.074	11.7	21.9
5 1	16 22.32	−24 21.0	2.116	3.048	8.7	21.6
5 11	16 14.24	−23 52.6	2.036	3.021	5.2	21.4
5 21	16 4.78	−23 16.0	1.983	2.993	1.5	21.1
5 31	15 54.86	−22 33.0	1.958	2.964	3.0	21.1
6 10	15 45.47	−21 47.1	1.962	2.935	6.9	21.3
6 20	15 37.49	−21 2.5	1.992	2.905	10.6	21.5
6 30	15 31.61	−20 23.2	2.045	2.875	13.9	21.6

505487 2013 WV_{8} 5 23.6 244°.38 0°.8/24.1 18

4 21	16 28.23	−25 53.4	2.031	2.886	12.5	22.3
5 1	16 22.22	−25 13.3	1.939	2.872	9.3	22.0
5 11	16 14.14	−24 21.7	1.872	2.857	5.5	21.8
5 21	16 4.74	−23 20.0	1.831	2.841	1.6	21.5
5 31	15 55.03	−22 11.4	1.819	2.825	3.1	21.6
6 10	15 46.06	−21 1.0	1.835	2.809	7.2	21.8
6 20	15 38.69	−19 54.2	1.877	2.792	11.1	22.0
6 30	15 33.58	−18 55.9	1.941	2.775	14.4	22.2

95376 2002 CL_{165} 5 23.6 23°.19 0°.6/23.4 18

4 21	16 27.36	−19 28.2	1.696	2.570	13.7	19.3
5 1	16 21.76	−19 24.6	1.628	2.571	10.0	19.1
5 11	16 13.93	−19 17.4	1.582	2.572	5.7	18.8
5 21	16 4.71	−19 7.5	1.562	2.573	1.3	18.5
5 31	15 55.20	−18 56.9	1.568	2.574	3.6	18.7
6 10	15 46.56	−18 48.1	1.601	2.576	8.0	18.9
6 20	15 39.72	−18 43.9	1.657	2.577	12.0	19.2
6 30	15 35.34	−18 46.4	1.735	2.579	15.4	19.4

474014 2016 GO_1 5 23.6 39°.13 4°.5/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.91	−11 15.5	1.287	2.174	16.2	20.7
5 1	16 22.45	−10 57.9	1.235	2.183	12.0	20.5
5 11	16 14.40	−10 45.6	1.205	2.192	7.6	20.3
5 21	16 4.80	−10 41.6	1.198	2.202	4.6	20.1
5 31	15 55.01	−10 48.7	1.216	2.213	6.5	20.2
6 10	15 46.41	−11 8.3	1.257	2.224	10.7	20.5
6 20	15 40.02	−11 40.3	1.320	2.235	14.8	20.8
6 30	15 36.48	−12 23.7	1.402	2.247	18.3	21.0

229911 2107 $T\text{-}_3$ 5 23.6 204°.96 4°.6/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.36	−32 20.5	1.748	2.593	14.7	19.4
5 1	16 24.19	−32 43.4	1.674	2.592	11.4	19.2
5 11	16 15.45	−32 52.2	1.621	2.591	7.9	19.0
5 21	16 5.04	−32 44.6	1.593	2.589	5.0	18.8
5 31	15 54.25	−32 20.8	1.591	2.588	5.2	18.8
6 10	15 44.43	−31 44.2	1.615	2.587	8.3	19.0
6 20	15 36.66	−31 0.5	1.664	2.585	11.9	19.2
6 30	15 31.68	−30 16.0	1.734	2.584	15.1	19.4

355089 2006 SX_{401} 5 23.6 155°.90 5°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.44	− 0 58.5	3.075	3.915	9.1	22.3
5 1	16 17.95	− 0 18.5	3.016	3.923	7.3	22.2
5 11	16 11.36	+ 0 14.4	2.983	3.931	5.8	22.1
5 21	16 4.14	+ 0 37.5	2.977	3.939	5.3	22.1
5 31	15 56.86	+ 0 48.9	2.999	3.946	6.1	22.1
6 10	15 50.05	+ 0 47.7	3.049	3.952	7.7	22.3
6 20	15 44.19	+ 0 34.0	3.123	3.958	9.5	22.4
6 30	15 39.63	+ 0 8.9	3.220	3.963	11.1	22.5

280552 2004 RT_{230} 5 23.6 145°.92 8°.4/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.81	− 1 37.1	1.896	2.756	13.1	20.5
5 1	16 19.51	+ 0 13.4	1.841	2.758	10.6	20.3
5 11	16 12.46	+ 1 55.3	1.811	2.761	8.8	20.2
5 21	16 4.39	+ 3 21.4	1.807	2.764	8.5	20.2
5 31	15 56.19	+ 4 25.8	1.828	2.766	9.8	20.3
6 10	15 48.77	+ 5 5.4	1.874	2.768	12.1	20.4
6 20	15 42.83	+ 5 20.0	1.941	2.770	14.5	20.6
6 30	15 38.88	+ 5 11.8	2.026	2.772	16.8	20.7

251950 1999 XL_{79} 5 23.6 172°.27 0°.8/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.27	−18 54.4	1.948	2.810	12.7	21.4
5 1	16 23.61	−18 48.3	1.876	2.814	9.2	21.2
5 11	16 14.89	−18 39.1	1.828	2.816	5.3	21.0
5 21	16 4.91	−18 27.6	1.808	2.818	1.3	20.7
5 31	15 54.68	−18 15.6	1.815	2.820	3.4	20.9
6 10	15 45.25	−18 5.5	1.850	2.821	7.5	21.1
6 20	15 37.50	−17 59.6	1.911	2.821	11.2	21.4
6 30	15 32.01	−18 0.2	1.994	2.821	14.3	21.6

247382 2001 YP_{55} 5 23.6 253°.36 2°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.02	−30 28.3	2.328	3.169	11.6	20.5
5 1	16 20.44	−30 9.7	2.239	3.160	8.8	20.3
5 11	16 13.04	−29 39.4	2.175	3.151	5.7	20.1
5 21	16 4.52	−28 57.4	2.138	3.141	3.0	19.9
5 31	15 55.77	−28 5.4	2.129	3.132	3.3	19.9
6 10	15 47.70	−27 7.3	2.148	3.122	6.3	20.1
6 20	15 41.08	−26 7.6	2.193	3.112	9.5	20.3
6 30	15 36.46	−25 10.9	2.261	3.102	12.4	20.5

467391 2005 AE_{58} 5 23.6 184°.10 10°.1/19.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.24	+ 7 10.3	1.952	2.772	14.3	21.8
5 1	16 24.15	+ 7 54.0	1.892	2.773	12.3	21.6
5 11	16 15.13	+ 8 20.1	1.855	2.773	10.6	21.5
5 21	16 4.96	+ 8 23.6	1.842	2.772	10.1	21.5
5 31	15 54.59	+ 8 1.8	1.854	2.771	11.0	21.5
6 10	15 45.05	+ 7 15.0	1.891	2.768	12.8	21.6
6 20	15 37.11	+ 6 6.2	1.950	2.765	15.0	21.8
6 30	15 31.35	+ 4 39.7	2.028	2.761	17.1	21.9

126464 2002 CE_{38} 5 23.6 325°.65 1°.2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.48	−24 9.7	1.699	2.567	13.9	20.0
5 1	16 21.95	−24 9.5	1.626	2.565	10.3	19.8
5 11	16 14.10	−24 1.4	1.576	2.563	6.1	19.5
5 21	16 4.76	−23 45.3	1.551	2.561	1.8	19.2
5 31	15 55.10	−23 23.1	1.552	2.559	3.4	19.3
6 10	15 46.31	−22 58.1	1.580	2.557	7.8	19.6
6 20	15 39.39	−22 34.4	1.631	2.556	11.9	19.8
6 30	15 35.00	−22 15.7	1.704	2.554	15.4	20.0

499654 2010 VY_{96} 5 23.6 269°.98 0°.8/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.72	−23 14.7	1.630	2.498	14.4	22.1
5 1	16 23.91	−23 12.6	1.539	2.478	10.7	21.8
5 11	16 15.43	−23 2.8	1.470	2.457	6.4	21.5
5 21	16 5.09	−22 45.0	1.426	2.436	1.7	21.1
5 31	15 54.08	−22 20.8	1.408	2.415	3.7	21.2
6 10	15 43.80	−21 53.8	1.417	2.393	8.6	21.4
6 20	15 35.44	−21 28.3	1.449	2.371	13.2	21.7
6 30	15 29.86	−21 8.9	1.502	2.349	17.2	21.8

314458 2005 WM_1 5 23.6 203°.83 7°.9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 35.31	−52 6.7	3.320	4.024	11.3	22.1
5 1	16 27.39	−53 1.8	3.233	4.018	10.0	22.0
5 11	16 17.18	−53 40.6	3.168	4.013	8.9	21.9
5 21	16 5.42	−53 59.5	3.126	4.006	8.1	21.9
5 31	15 53.17	−53 56.8	3.110	3.999	7.9	21.8
6 10	15 41.57	−53 33.5	3.119	3.992	8.4	21.9
6 20	15 31.62	−52 53.1	3.152	3.984	9.4	21.9
6 30	15 24.05	−52 0.6	3.207	3.976	10.7	22.0

134643 1999 UU_{47} 5 23.6 128°.57 2°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.01	−28 1.1	1.793	2.646	14.0	19.7
5 1	16 24.23	−27 37.7	1.730	2.659	10.4	19.5
5 11	16 15.24	−27 1.9	1.689	2.671	6.4	19.3
5 21	16 4.97	−26 14.3	1.675	2.683	2.6	19.0
5 31	15 54.63	−25 18.1	1.689	2.694	3.5	19.1
6 10	15 45.38	−24 18.4	1.729	2.705	7.4	19.4
6 20	15 38.10	−23 20.9	1.795	2.715	11.2	19.6
6 30	15 33.36	−22 30.4	1.883	2.725	14.5	19.9

152549 1119 $T\text{-}_3$ 5 23.6 177°.73 3°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.53	−36 51.2	3.317	4.117	9.4	21.5
5 1	16 21.14	−37 7.9	3.234	4.119	7.5	21.4
5 11	16 13.30	−37 13.9	3.175	4.121	5.6	21.2
5 21	16 4.57	−37 8.3	3.144	4.122	4.2	21.1
5 31	15 55.66	−36 51.0	3.142	4.122	4.1	21.1
6 10	15 47.29	−36 23.9	3.168	4.122	5.5	21.2
6 20	15 40.06	−35 49.7	3.222	4.121	7.4	21.4
6 30	15 34.45	−35 11.9	3.300	4.120	9.3	21.5

469327 1999 VS_{206} 5 23.6 299°.08 2°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.99	−25 3.6	1.729	2.592	14.0	21.2
5 1	16 23.49	−25 26.5	1.624	2.559	10.6	20.9
5 11	16 15.30	−25 42.9	1.541	2.526	6.6	20.5
5 21	16 5.10	−25 50.9	1.483	2.492	2.6	20.2
5 31	15 53.99	−25 50.1	1.452	2.458	3.9	20.2
6 10	15 43.36	−25 42.3	1.448	2.424	8.5	20.4
6 20	15 34.47	−25 31.0	1.467	2.390	13.0	20.6
6 30	15 28.30	−25 20.8	1.506	2.356	17.0	20.8

394291 2006 VW_{29} 5 23.6 124°.84 0°.8/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.25	−24 16.2	2.347	3.203	11.0	21.4
5 1	16 19.72	−24 6.4	2.275	3.208	8.1	21.2
5 11	16 12.56	−23 50.0	2.227	3.212	4.8	21.0
5 21	16 4.42	−23 27.7	2.206	3.217	1.4	20.7
5 31	15 56.12	−23 1.2	2.215	3.221	2.6	20.8
6 10	15 48.50	−22 33.2	2.250	3.225	6.1	21.1
6 20	15 42.23	−22 6.5	2.312	3.229	9.2	21.3
6 30	15 37.81	−21 44.0	2.398	3.233	11.9	21.5

346731 2009 AY_{30} 5 23.6 110°.25 1°.4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.64	−17 36.0	2.000	2.870	12.1	21.3
5 1	16 20.20	−17 18.1	1.929	2.871	8.7	21.1
5 11	16 12.92	−16 57.9	1.883	2.872	5.1	20.9
5 21	16 4.51	−16 37.1	1.862	2.872	1.6	20.7
5 31	15 55.88	−16 18.0	1.870	2.873	3.6	20.8
6 10	15 47.98	−16 3.2	1.904	2.874	7.4	21.0
6 20	15 41.58	−15 54.9	1.963	2.874	10.9	21.2
6 30	15 37.23	−15 54.5	2.044	2.875	13.9	21.4

506994 2008 SQ_{268} 5 23.6 170°.51 9°.7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.05	−47 59.5	2.272	3.022	14.7	21.1
5 1	16 30.87	−49 25.9	2.198	3.025	12.8	21.0
5 11	16 19.53	−50 33.1	2.146	3.027	11.1	20.9
5 21	16 5.96	−51 14.9	2.117	3.028	10.0	20.8
5 31	15 51.62	−51 27.6	2.113	3.030	9.8	20.8
6 10	15 38.19	−51 12.7	2.133	3.031	10.7	20.8
6 20	15 27.08	−50 35.6	2.177	3.032	12.3	20.9
6 30	15 19.25	−49 44.1	2.242	3.032	14.1	21.1

14443 Sekinenomatsu 5 23.6 239°.79 0°.6/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.53	−20 4.0	2.157	3.022	11.5	18.1
5 1	16 20.08	−19 43.9	2.076	3.016	8.4	17.9
5 11	16 12.85	−19 19.3	2.021	3.009	4.8	17.6
5 21	16 4.50	−18 51.7	1.992	3.003	1.1	17.3
5 31	15 55.89	−18 23.4	1.991	2.996	3.1	17.5
6 10	15 47.94	−17 57.2	2.018	2.990	6.9	17.7
6 20	15 41.39	−17 35.9	2.071	2.983	10.3	17.9
6 30	15 36.80	−17 21.7	2.145	2.976	13.3	18.1

139200 2001 FZ_{164} 5 23.6 4°.31 2°.7/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.59	−27 5.5	1.400	2.271	16.1	19.6
5 1	16 23.21	−27 14.5	1.333	2.271	12.1	19.3
5 11	16 15.00	−27 11.6	1.286	2.271	7.6	19.1
5 21	16 4.98	−26 55.8	1.264	2.271	3.3	18.8
5 31	15 54.57	−26 28.6	1.266	2.272	4.3	18.9
6 10	15 45.29	−25 54.4	1.293	2.273	8.9	19.1
6 20	15 38.30	−25 19.1	1.343	2.274	13.3	19.4
6 30	15 34.37	−24 48.1	1.412	2.276	17.2	19.6

65700 1991 VW_6 5 23.6 192°.31 4°.0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.57	−12 31.0	1.906	2.775	12.6	19.6
5 1	16 21.60	−11 32.3	1.836	2.774	9.3	19.4
5 11	16 13.72	−10 33.5	1.789	2.772	6.0	19.1
5 21	16 4.68	− 9 38.8	1.770	2.770	4.0	19.0
5 31	15 55.43	− 8 52.4	1.778	2.767	5.7	19.1
6 10	15 46.96	− 8 18.3	1.812	2.764	9.1	19.3
6 20	15 40.06	− 7 58.4	1.871	2.760	12.4	19.5
6 30	15 35.31	− 7 53.4	1.951	2.755	15.4	19.7

55342 2001 SX_{128} 5 23.6 339°.07 0°.7/23.9 18

4 21	16 25.25	−24 0.4	1.951	2.816	12.5	19.3
5 1	16 20.05	−23 46.2	1.876	2.814	9.2	19.1
5 11	16 12.89	−23 24.4	1.825	2.812	5.4	18.9
5 21	16 4.51	−22 55.8	1.799	2.810	1.5	18.6
5 31	15 55.89	−22 22.6	1.801	2.808	3.0	18.7
6 10	15 48.03	−21 48.2	1.830	2.806	7.0	19.0
6 20	15 41.75	−21 16.4	1.883	2.805	10.7	19.2
6 30	15 37.65	−20 50.5	1.959	2.803	13.9	19.4

470520 2008 CM_{154} 5 23.6 167°.19 1°.5/22.8 18

4 21	16 24.99	−16 20.9	2.582	3.443	10.0	22.0
5 1	16 19.37	−16 8.6	2.509	3.446	7.2	21.8
5 11	16 12.30	−15 55.3	2.461	3.448	4.2	21.6
5 21	16 4.38	−15 42.4	2.442	3.451	1.6	21.4
5 31	15 56.29	−15 31.4	2.451	3.453	3.1	21.6
6 10	15 48.77	−15 24.1	2.489	3.454	6.1	21.8
6 20	15 42.41	−15 21.8	2.553	3.456	9.0	21.9
6 30	15 37.67	−15 25.7	2.641	3.457	11.5	22.1

248658 2006 HK_{81} 5 23.6 285°.07 0°.7/23.8 17

4 21	16 28.68	−23 32.2	1.450	2.325	15.5	21.2
5 1	16 23.41	−23 18.7	1.361	2.303	11.5	20.9
5 11	16 15.26	−22 55.4	1.293	2.282	6.8	20.6
5 21	16 5.08	−22 22.5	1.249	2.260	1.7	20.2
5 31	15 54.18	−21 42.6	1.230	2.237	4.0	20.3
6 10	15 44.08	−21 0.4	1.237	2.215	9.4	20.5
6 20	15 36.09	−20 21.7	1.266	2.193	14.3	20.7
6 30	15 31.13	−19 51.8	1.314	2.171	18.7	20.9

420378 2012 BF_{138} 5 23.6 328°.86 4°.1/25.3 17

4 21	16 27.56	−30 51.9	1.302	2.171	17.3	20.4
5 1	16 22.78	−30 50.2	1.229	2.163	13.3	20.1
5 11	16 14.90	−30 30.6	1.176	2.156	8.8	19.8
5 21	16 4.98	−29 51.5	1.145	2.149	4.8	19.6
5 31	15 54.57	−28 55.1	1.138	2.142	5.2	19.6
6 10	15 45.34	−27 47.7	1.155	2.136	9.6	19.8
6 20	15 38.61	−26 37.9	1.194	2.131	14.2	20.0
6 30	15 35.19	−25 33.8	1.252	2.126	18.4	20.3

404082 2012 EN 5 23.6 217°.00 0°.6/23.9 17

4 21	16 30.84	−23 33.5	1.968	2.824	12.8	22.1
5 1	16 24.20	−23 22.0	1.882	2.815	9.5	21.8
5 11	16 15.34	−23 2.8	1.819	2.805	5.6	21.6
5 21	16 5.05	−22 36.3	1.784	2.794	1.4	21.3
5 31	15 54.37	−22 4.3	1.776	2.783	3.2	21.4
6 10	15 44.44	−21 30.3	1.797	2.770	7.4	21.6
6 20	15 36.20	−20 58.2	1.843	2.757	11.3	21.8
6 30	15 30.32	−20 32.0	1.912	2.743	14.7	22.0

407761 2011 WE_{68} 5 23.6 230°.99 1°.8/24.4 16

4 21	16 31.60	−26 21.8	1.682	2.540	14.5	22.6
5 1	16 25.15	−26 15.5	1.597	2.529	10.9	22.3
5 11	16 16.06	−25 58.1	1.534	2.518	6.7	22.0
5 21	16 5.22	−25 29.2	1.497	2.505	2.5	21.7
5 31	15 53.88	−24 50.4	1.487	2.493	3.8	21.8
6 10	15 43.42	−24 6.0	1.503	2.479	8.3	22.0
6 20	15 34.98	−23 21.7	1.544	2.465	12.6	22.3
6 30	15 29.32	−22 42.9	1.606	2.450	16.4	22.5

71341 2000 AD_{101} 5 23.6 146°.39 3°.9/22.1 18

4 21	16 28.98	−11 46.2	1.713	2.584	13.7	18.6
5 1	16 22.77	−11 18.1	1.650	2.590	10.1	18.4
5 11	16 14.44	−10 52.7	1.611	2.595	6.4	18.2
5 21	16 4.84	−10 32.9	1.598	2.600	3.9	18.1
5 31	15 55.04	−10 21.6	1.611	2.605	5.6	18.2
6 10	15 46.15	−10 21.2	1.651	2.609	9.2	18.4
6 20	15 39.03	−10 32.5	1.714	2.613	12.8	18.6
6 30	15 34.28	−10 55.5	1.798	2.617	16.0	18.8

505772 2015 BP_{254} 5 23.6 20°.42 8°.8/28.3 17

4 21	16 30.32	−42 46.3	1.552	2.368	17.6	20.5
5 1	16 24.64	−43 9.1	1.486	2.371	14.7	20.4
5 11	16 15.86	−43 6.5	1.438	2.374	11.8	20.2
5 21	16 5.16	−42 34.6	1.412	2.379	9.4	20.1
5 31	15 54.18	−41 33.4	1.410	2.383	8.9	20.0
6 10	15 44.62	−40 8.8	1.431	2.388	10.5	20.1
6 20	15 37.70	−38 30.3	1.475	2.394	13.3	20.3
6 30	15 34.11	−36 48.4	1.541	2.400	16.3	20.5

430338 2013 YP_{53} 5 23.6 273°.38 0°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.61	−18 32.2	1.825	2.693	13.1	20.6
5 1	16 22.80	−18 31.9	1.732	2.673	9.6	20.4
5 11	16 14.68	−18 29.1	1.663	2.652	5.6	20.1
5 21	16 4.94	−18 24.5	1.620	2.631	1.4	19.7
5 31	15 54.63	−18 19.5	1.604	2.610	3.7	19.9
6 10	15 44.93	−18 16.4	1.615	2.588	8.2	20.1
6 20	15 36.85	−18 17.7	1.651	2.566	12.3	20.3
6 30	15 31.18	−18 25.5	1.707	2.544	15.9	20.5

512429 2016 PB_{90} 5 23.6 215°.40 2°.0/24.6 18

4 21	16 26.51	−26 53.1	2.555	3.401	10.6	21.9
5 1	16 20.67	−27 9.8	2.472	3.397	7.9	21.7
5 11	16 13.16	−27 19.8	2.414	3.393	5.0	21.5
5 21	16 4.59	−27 22.4	2.383	3.389	2.3	21.3
5 31	15 55.73	−27 17.8	2.381	3.385	3.0	21.3
6 10	15 47.44	−27 7.9	2.408	3.380	5.9	21.5
6 20	15 40.42	−26 55.1	2.461	3.375	8.8	21.7
6 30	15 35.21	−26 42.2	2.537	3.371	11.4	21.9

295886 2008 WD_{67} 5 23.6 144°.33 0°.5/23.2 18

4 21	16 20.63	−19 18.2	3.844	4.698	7.2	22.3
5 1	16 15.85	−19 6.1	3.772	4.706	5.1	22.2
5 11	16 10.16	−18 52.0	3.727	4.714	2.9	22.0
5 21	16 3.94	−18 36.7	3.711	4.722	0.7	21.8
5 31	15 57.64	−18 21.4	3.725	4.729	1.9	22.0
6 10	15 51.71	−18 7.3	3.768	4.736	4.2	22.1
6 20	15 46.55	−17 55.6	3.839	4.743	6.2	22.3
6 30	15 42.45	−17 47.4	3.935	4.750	8.1	22.4

180477 2004 CF_{56} 5 23.6 5°.59 7°.2/20.7 17

4 21	16 22.79	− 8 43.2	1.164	2.061	16.8	19.2
5 1	16 18.96	− 7 32.8	1.111	2.061	12.8	19.0
5 11	16 12.52	− 6 28.6	1.079	2.062	9.0	18.7
5 21	16 4.48	− 5 37.8	1.069	2.064	7.2	18.6
5 31	15 56.18	− 5 7.1	1.082	2.067	9.2	18.8
6 10	15 49.02	− 4 59.9	1.116	2.071	12.9	19.0
6 20	15 44.03	− 5 16.4	1.169	2.077	16.9	19.2
6 30	15 41.86	− 5 53.9	1.240	2.083	20.3	19.5

68885 2002 JY_{70} 5 23.6 243°.03 3°.3/22.1 18

4 21	16 28.24	−15 6.3	1.666	2.541	13.8	19.2
5 1	16 22.49	−14 17.4	1.587	2.529	10.2	19.0
5 11	16 14.44	−13 25.7	1.530	2.518	6.2	18.7
5 21	16 4.89	−12 35.2	1.500	2.506	3.3	18.5
5 31	15 54.95	−11 50.4	1.496	2.493	5.4	18.6
6 10	15 45.81	−11 15.7	1.518	2.480	9.6	18.8
6 20	15 38.44	−10 54.3	1.563	2.467	13.6	19.0
6 30	15 33.56	−10 47.8	1.628	2.453	17.1	19.2

436451 2011 CT_{74} 5 23.6 70°.05 4°.0/22.0 17

4 21	16 28.76	−11 52.0	1.598	2.473	14.3	21.3
5 1	16 22.47	−11 17.2	1.557	2.498	10.5	21.1
5 11	16 14.16	−10 45.7	1.540	2.524	6.6	20.9
5 21	16 4.77	−10 20.9	1.547	2.550	4.1	20.9
5 31	15 55.44	−10 5.7	1.582	2.575	5.8	21.0
6 10	15 47.24	−10 2.4	1.642	2.600	9.3	21.3
6 20	15 40.93	−10 11.3	1.725	2.626	12.7	21.5
6 30	15 37.00	−10 32.0	1.828	2.650	15.6	21.8

482107 2010 MD_{80} 5 23.6 299°.64 2°.4/24.4 16

4 21	16 27.16	−26 24.5	2.110	2.964	12.2	21.2
5 1	16 21.64	−26 53.1	2.013	2.942	9.2	21.0
5 11	16 13.98	−27 15.3	1.939	2.920	5.8	20.7
5 21	16 4.81	−27 29.4	1.892	2.897	2.8	20.5
5 31	15 55.08	−27 35.2	1.872	2.875	3.6	20.5
6 10	15 45.85	−27 34.0	1.879	2.853	7.1	20.7
6 20	15 38.09	−27 28.5	1.912	2.831	10.7	20.8
6 30	15 32.54	−27 22.1	1.967	2.810	13.9	21.0

303876 2005 TF_{19} 5 23.6 46°.96 2°.3/24.8 16

4 21	16 26.00	−27 52.2	2.130	2.983	12.1	20.9
5 1	16 20.50	−27 59.7	2.060	2.988	9.1	20.8
5 11	16 13.12	−27 58.0	2.013	2.993	5.7	20.6
5 21	16 4.59	−27 46.8	1.993	2.998	2.7	20.4
5 31	15 55.85	−27 27.3	2.000	3.003	3.3	20.4
6 10	15 47.88	−27 2.1	2.034	3.009	6.6	20.6
6 20	15 41.44	−26 34.7	2.094	3.015	9.8	20.8
6 30	15 37.10	−26 9.0	2.176	3.020	12.7	21.0

78594 2002 SQ_{20} 5 23.6 175°.25 1°.2/23.0 17

4 21	16 25.72	−18 29.9	2.138	3.004	11.5	20.1
5 1	16 20.17	−18 8.5	2.065	3.005	8.4	19.9
5 11	16 12.89	−17 43.9	2.017	3.006	4.8	19.7
5 21	16 4.54	−17 17.9	1.996	3.006	1.4	19.5
5 31	15 56.00	−16 52.8	2.003	3.006	3.3	19.6
6 10	15 48.15	−16 31.2	2.037	3.006	7.0	19.9
6 20	15 41.72	−16 15.6	2.097	3.006	10.3	20.1
6 30	15 37.23	−16 7.8	2.178	3.006	13.2	20.3

497473 2005 YD_{170} 5 23.6 194.°88 0.°5/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.80	−20 51.2	2.276	3.134	11.2	23.0
5 1	16 21.63	−20 27.2	2.196	3.132	8.2	22.8
5 11	16 13.71	−19 58.0	2.141	3.129	4.7	22.5
5 21	16 4.72	−19 25.1	2.114	3.125	1.0	22.3
5 31	15 55.51	−18 50.6	2.116	3.121	3.0	22.4
6 10	15 46.97	−18 17.6	2.146	3.116	6.6	22.6
6 20	15 39.83	−17 49.1	2.202	3.111	10.0	22.8
6 30	15 34.63	−17 27.7	2.281	3.104	12.9	23.0

479965 2014 JJ_{17} 5 23.6 10.°05 4.°0/21.3 17

4 21	16 22.92	−11 28.8	2.018	2.892	11.8	20.6
5 1	16 18.16	−10 36.6	1.952	2.892	8.7	20.5
5 11	16 11.73	− 9 46.1	1.911	2.894	5.7	20.3
5 21	16 4.31	− 9 0.8	1.896	2.895	4.0	20.2
5 31	15 56.73	− 8 24.4	1.908	2.896	5.5	20.3
6 10	15 49.84	− 8 0.0	1.946	2.898	8.5	20.4
6 20	15 44.33	− 7 49.0	2.008	2.900	11.6	20.6
6 30	15 40.72	− 7 51.6	2.091	2.902	14.3	20.8

249116 2007 WF_{3} 5 23.6 325.°73 5.°9/25.6 17

4 21	16 29.13	−32 39.9	1.275	2.139	17.9	19.9
5 1	16 24.19	−33 13.8	1.202	2.131	14.1	19.6
5 11	16 15.89	−33 30.4	1.149	2.122	9.9	19.4
5 21	16 5.26	−33 25.7	1.117	2.114	6.5	19.2
5 31	15 53.96	−32 58.8	1.109	2.107	6.7	19.1
6 10	15 43.84	−32 14.4	1.123	2.100	10.4	19.3
6 20	15 36.38	−31 20.2	1.159	2.094	14.7	19.6
6 30	15 32.51	−30 25.4	1.214	2.088	18.8	19.8

501227 2013 UO_{14} 5 23.6 198.°16 2.°2/24.7 17

4 21	16 29.70	−27 43.5	2.289	3.132	11.7	22.2
5 1	16 23.15	−27 49.7	2.205	3.128	8.8	22.0
5 11	16 14.66	−27 47.1	2.146	3.124	5.6	21.8
5 21	16 4.94	−27 35.0	2.114	3.120	2.6	21.6
5 31	15 54.93	−27 14.3	2.111	3.115	3.2	21.6
6 10	15 45.60	−26 47.4	2.137	3.109	6.5	21.8
6 20	15 37.78	−26 17.9	2.188	3.103	9.8	22.0
6 30	15 32.07	−25 49.8	2.263	3.096	12.7	22.2

192761 1999 TR_{292} 5 23.6 183.°41 0.°3/23.8 18

4 21	16 27.11	−23 19.7	2.471	3.323	10.7	20.6
5 1	16 21.00	−22 53.3	2.392	3.324	7.8	20.5
5 11	16 13.30	−22 20.3	2.338	3.324	4.5	20.2
5 21	16 4.64	−21 41.9	2.312	3.323	1.0	20.0
5 31	15 55.82	−21 0.3	2.316	3.322	2.6	20.1
6 10	15 47.66	−20 18.6	2.349	3.320	6.0	20.3
6 20	15 40.81	−19 40.1	2.408	3.318	9.2	20.5
6 30	15 35.77	−19 7.5	2.491	3.315	11.9	20.7

388410 2006 WF_{97} 5 23.6 281.°68 0.°1/23.6 18

4 21	16 25.08	−21 44.0	2.163	3.027	11.5	21.2
5 1	16 19.85	−21 33.8	2.079	3.017	8.4	21.0
5 11	16 12.79	−21 18.5	2.018	3.006	4.9	20.7
5 21	16 4.56	−20 58.7	1.985	2.996	1.0	20.4
5 31	15 56.03	−20 36.3	1.979	2.985	2.9	20.6
6 10	15 48.11	−20 14.0	2.001	2.975	6.7	20.8
6 20	15 41.57	−19 54.5	2.048	2.964	10.2	21.0
6 30	15 37.02	−19 40.5	2.117	2.954	13.3	21.2

163021 2001 WE_{14} 5 23.6 132.°24 5.°5/21.5 18

4 21	16 29.93	− 8 51.0	1.594	2.465	14.5	20.3
5 1	16 23.51	− 8 5.7	1.539	2.475	10.9	20.1
5 11	16 14.89	− 7 25.7	1.507	2.485	7.4	19.9
5 21	16 4.99	− 6 55.4	1.500	2.495	5.5	19.8
5 31	15 54.96	− 6 38.6	1.519	2.503	7.1	19.9
6 10	15 45.95	− 6 37.4	1.563	2.512	10.5	20.1
6 20	15 38.85	− 6 52.1	1.630	2.520	13.9	20.4
6 30	15 34.22	− 7 21.5	1.717	2.527	17.0	20.6

433016 2012 RR_{28} 5 23.6 283.°97 6.°0/20.3 17

4 21	16 24.79	− 7 40.0	1.817	2.689	13.0	21.0
5 1	16 19.83	− 6 34.8	1.737	2.672	10.0	20.8
5 11	16 12.86	− 5 33.2	1.680	2.654	7.2	20.6
5 21	16 4.60	− 4 40.1	1.649	2.637	6.0	20.5
5 31	15 55.97	− 4 0.7	1.644	2.620	7.6	20.5
6 10	15 47.99	− 3 38.6	1.664	2.603	10.7	20.7
6 20	15 41.51	− 3 35.3	1.707	2.585	14.0	20.8
6 30	15 37.17	− 3 50.3	1.768	2.568	16.9	21.0

112751 2002 PW_{134} 5 23.6 264.°59 2.°1/22.9 18

4 21	16 29.39	−16 8.1	1.724	2.594	13.6	20.7
5 1	16 23.47	−15 56.5	1.634	2.575	10.0	20.5
5 11	16 15.12	−15 43.7	1.567	2.555	6.0	20.2
5 21	16 5.11	−15 31.4	1.525	2.535	2.2	19.9
5 31	15 54.50	−15 21.8	1.511	2.514	4.4	20.0
6 10	15 44.55	−15 17.5	1.523	2.493	8.9	20.2
6 20	15 36.31	−15 21.0	1.560	2.471	13.2	20.4
6 30	15 30.58	−15 33.8	1.616	2.449	16.9	20.6

205646 2001 XO_{90} 5 23.6 160.°97 1.°0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.78	−21 47.2	1.467	2.337	15.6	20.4
5 1	16 26.16	−22 14.0	1.399	2.339	11.5	20.2
5 11	16 16.72	−22 36.0	1.353	2.341	6.8	19.9
5 21	16 5.43	−22 51.8	1.332	2.343	1.8	19.6
5 31	15 53.69	−23 1.5	1.337	2.344	3.9	19.7
6 10	15 43.01	−23 7.1	1.368	2.345	8.8	20.0
6 20	15 34.58	−23 11.9	1.423	2.346	13.3	20.3
6 30	15 29.18	−23 19.4	1.497	2.347	17.1	20.5

71035 1999 XR_{71} 5 23.6 238.°11 0.°7/23.9 18

4 21	16 26.90	−24 39.1	2.169	3.026	11.8	19.8
5 1	16 21.16	−24 11.4	2.082	3.015	8.7	19.6
5 11	16 13.54	−23 35.1	2.018	3.004	5.1	19.3
5 21	16 4.74	−22 51.1	1.982	2.993	1.4	19.1
5 31	15 55.65	−22 2.0	1.975	2.981	2.9	19.1
6 10	15 47.24	−21 11.6	1.995	2.969	6.7	19.4
6 20	15 40.29	−20 24.1	2.041	2.957	10.3	19.6
6 30	15 35.41	−19 43.2	2.110	2.944	13.4	19.7

135522 2001 YZ_{101} 5 23.6 108.°52 1.°8/22.7 17

4 21	16 24.49	−16 26.9	2.236	3.104	11.1	20.2
5 1	16 19.20	−16 3.1	2.167	3.107	8.0	20.0
5 11	16 12.32	−15 37.9	2.122	3.110	4.7	19.8
5 21	16 4.47	−15 13.1	2.104	3.113	1.9	19.6
5 31	15 56.46	−14 51.1	2.115	3.116	3.6	19.7
6 10	15 49.10	−14 34.3	2.153	3.119	6.9	19.9
6 20	15 43.06	−14 24.4	2.216	3.122	10.0	20.1
6 30	15 38.84	−14 22.8	2.302	3.125	12.8	20.3

107684 2001 FF_{12} 5 23.6 66.°52 0.°4/23.5 18

4 21	16 30.44	−20 15.0	1.379	2.258	15.9	19.3
5 1	16 24.20	−20 12.5	1.330	2.275	11.5	19.1
5 11	16 15.40	−20 5.1	1.303	2.293	6.6	18.9
5 21	16 5.12	−19 53.6	1.300	2.312	1.4	18.6
5 31	15 54.75	−19 40.5	1.323	2.330	3.9	18.8
6 10	15 45.66	−19 29.0	1.371	2.348	8.8	19.1
6 20	15 38.85	−19 22.5	1.442	2.367	13.1	19.4
6 30	15 34.91	−19 23.3	1.533	2.385	16.7	19.7

243990 2001 RH_{119} 5 23.6 277.°63 5.°3/25.8 16

4 21	16 29.48	−34 56.4	2.104	2.931	13.2	20.1
5 1	16 23.41	−35 37.9	2.021	2.925	10.5	19.9
5 11	16 15.02	−36 6.7	1.961	2.918	7.7	19.7
5 21	16 5.08	−36 19.8	1.927	2.912	5.6	19.6
5 31	15 54.67	−36 16.1	1.919	2.905	5.7	19.6
6 10	15 44.99	−35 57.6	1.937	2.899	7.9	19.7
6 20	15 37.05	−35 28.5	1.981	2.892	10.8	19.9
6 30	15 31.57	−34 54.2	2.047	2.886	13.6	20.0

195482 2002 GF_{134} 5 23.6 219.°28 1.°1/23.0 17

4 21	16 26.38	−19 37.2	1.910	2.779	12.6	20.3
5 1	16 20.87	−19 2.9	1.836	2.777	9.1	20.0
5 11	16 13.39	−18 23.5	1.785	2.774	5.2	19.8
5 21	16 4.71	−17 41.1	1.761	2.771	1.4	19.5
5 31	15 55.79	−16 59.0	1.764	2.769	3.6	19.7
6 10	15 47.65	−16 21.2	1.795	2.765	7.6	19.9
6 20	15 41.10	−15 50.9	1.850	2.762	11.4	20.1
6 30	15 36.72	−15 30.6	1.926	2.759	14.5	20.3

40408 1999 RO_{2} 5 23.6 320.°88 1.°2/24.1 18 R

4 21	16 26.34	−25 50.6	1.298	2.179	16.5	18.2
5 1	16 21.79	−25 18.0	1.223	2.168	12.3	18.0
5 11	16 14.32	−24 30.6	1.169	2.158	7.4	17.6
5 21	16 4.95	−23 29.8	1.138	2.148	2.1	17.3
5 31	15 55.10	−22 20.2	1.131	2.139	4.1	17.4
6 10	15 46.36	−21 9.2	1.148	2.130	9.5	17.7
6 20	15 39.93	−20 4.3	1.188	2.122	14.5	17.9
6 30	15 36.61	−19 11.9	1.246	2.114	18.8	18.2

384858 2012 ST_{27} 5 23.6 199.°81 1.°1/23.0 18

4 21	16 26.15	−18 51.2	2.132	2.997	11.6	21.1
5 1	16 20.53	−18 26.9	2.056	2.995	8.4	20.9
5 11	16 13.14	−17 59.0	2.005	2.993	4.8	20.7
5 21	16 4.66	−17 29.2	1.981	2.991	1.4	20.5
5 31	15 55.95	−16 59.9	1.985	2.989	3.3	20.6
6 10	15 47.93	−16 34.1	2.016	2.986	7.0	20.8
6 20	15 41.34	−16 14.4	2.073	2.983	10.5	21.0
6 30	15 36.73	−16 2.8	2.152	2.980	13.4	21.2

336994 2012 DG_{52} 5 23.6 331.°27 1.°8/23.0 17

4 21	16 24.99	−17 44.4	1.227	2.121	16.4	20.4
5 1	16 20.88	−17 31.7	1.153	2.106	12.0	20.1
5 11	16 13.88	−17 15.9	1.100	2.093	7.0	19.7
5 21	16 4.87	−16 59.3	1.070	2.080	2.2	19.4
5 31	15 55.26	−16 45.1	1.063	2.069	5.0	19.5
6 10	15 46.61	−16 37.2	1.079	2.058	10.4	19.8
6 20	15 40.20	−16 38.6	1.116	2.048	15.4	20.0
6 30	15 36.90	−16 51.4	1.171	2.039	19.7	20.3

463095 2011 UK_{18} 5 23.6 262°.40 1°.1/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.07	−23 18.9	1.519	2.386	15.3	21.8
5 1	16 25.90	−23 27.5	1.427	2.366	11.4	21.5
5 11	16 16.77	−23 28.8	1.358	2.345	6.9	21.2
5 21	16 5.50	−23 21.9	1.313	2.324	2.0	20.9
5 31	15 53.43	−23 7.4	1.295	2.302	4.0	20.9
6 10	15 42.10	−22 48.4	1.302	2.279	9.2	21.2
6 20	15 32.87	−22 29.7	1.333	2.256	14.1	21.4
6 30	15 26.70	−22 15.9	1.384	2.233	18.3	21.6

254111 2004 NC_{4} 5 23.6 270°.09 4°.7/27.0 17

4 21	16 28.77	−38 57.4	2.701	3.501	11.4	20.7
5 1	16 22.46	−38 42.6	2.592	3.476	9.2	20.5
5 11	16 14.27	−38 11.9	2.506	3.451	7.0	20.3
5 21	16 4.90	−37 23.9	2.447	3.426	5.1	20.1
5 31	15 55.24	−36 19.3	2.416	3.400	4.9	20.1
6 10	15 46.23	−35 1.5	2.414	3.374	6.6	20.2
6 20	15 38.66	−33 35.7	2.439	3.348	9.1	20.3
6 30	15 33.13	−32 7.6	2.489	3.321	11.7	20.4

277624 2006 BY_{30} 5 23.6 145°.98 1°.2/23.1 17

4 21	16 27.95	−18 11.0	2.103	2.967	11.8	21.3
5 1	16 21.77	−17 55.3	2.036	2.974	8.6	21.1
5 11	16 13.82	−17 37.0	1.994	2.982	4.9	20.9
5 21	16 4.79	−17 17.5	1.978	2.989	1.4	20.7
5 31	15 55.61	−16 58.8	1.991	2.995	3.4	20.8
6 10	15 47.19	−16 43.5	2.032	3.001	7.0	21.0
6 20	15 40.26	−16 33.6	2.099	3.007	10.4	21.3
6 30	15 35.37	−16 30.8	2.187	3.012	13.3	21.5

238018 2002 UL_{29} 5 23.6 227°.09 1°.6/22.9 18

4 21	16 27.77	−14 53.2	2.617	3.472	10.0	20.5
5 1	16 21.51	−14 57.2	2.527	3.461	7.3	20.3
5 11	16 13.66	−15 1.8	2.463	3.448	4.3	20.1
5 21	16 4.78	−15 7.7	2.427	3.436	1.7	19.9
5 31	15 55.58	−15 15.8	2.421	3.422	3.2	20.0
6 10	15 46.85	−15 27.3	2.445	3.408	6.3	20.2
6 20	15 39.26	−15 43.0	2.495	3.394	9.3	20.4
6 30	15 33.33	−16 3.8	2.569	3.379	12.0	20.5

342968 2009 BQ_{13} 5 23.6 135°.90 1°.4/24.3 17

4 21	16 27.41	−25 34.9	2.392	3.241	11.1	21.8
5 1	16 21.29	−25 34.8	2.322	3.251	8.2	21.7
5 11	16 13.50	−25 27.6	2.277	3.260	4.9	21.5
5 21	16 4.72	−25 13.4	2.260	3.269	1.8	21.3
5 31	15 55.80	−24 53.4	2.272	3.277	2.7	21.3
6 10	15 47.58	−24 30.2	2.312	3.285	6.0	21.6
6 20	15 40.76	−24 6.6	2.378	3.293	9.1	21.8
6 30	15 35.83	−23 45.6	2.468	3.301	11.7	22.0

211619 2003 UT_{62} 5 23.6 285°.99 2°.6/22.7 18

4 21	16 28.39	−15 58.9	1.451	2.332	15.1	19.7
5 1	16 23.11	−15 38.6	1.365	2.311	11.2	19.4
5 11	16 15.08	−15 16.5	1.301	2.291	6.7	19.1
5 21	16 5.14	−14 55.1	1.261	2.270	2.7	18.8
5 31	15 54.51	−14 37.6	1.246	2.249	5.2	18.9
6 10	15 44.63	−14 27.7	1.256	2.228	10.1	19.1
6 20	15 36.72	−14 28.3	1.289	2.207	14.8	19.3
6 30	15 31.68	−14 41.2	1.340	2.186	19.0	19.5

147893 2006 SH 5 23.6 301°.65 1°.9/24.2 18

4 21	16 28.32	−24 47.3	1.392	2.268	15.9	19.9
5 1	16 23.34	−25 0.2	1.306	2.248	12.0	19.6
5 11	16 15.36	−25 4.2	1.240	2.228	7.3	19.2
5 21	16 5.22	−24 58.1	1.198	2.208	2.6	18.9
5 31	15 54.29	−24 42.5	1.181	2.188	4.2	18.9
6 10	15 44.18	−24 20.9	1.188	2.169	9.4	19.2
6 20	15 36.26	−23 58.2	1.218	2.150	14.4	19.4
6 30	15 31.51	−23 39.8	1.266	2.131	18.7	19.6

507285 2011 HW_{20} 5 23.6 179°.36 0°.2/23.5 17

4 21	16 26.71	−23 2.4	1.879	2.745	12.9	21.6
5 1	16 21.13	−22 18.6	1.806	2.745	9.4	21.4
5 11	16 13.54	−21 26.0	1.757	2.746	5.4	21.2
5 21	16 4.75	−20 27.0	1.734	2.746	1.1	20.9
5 31	15 55.78	−19 25.4	1.739	2.746	3.3	21.0
6 10	15 47.67	−18 26.2	1.772	2.746	7.5	21.3
6 20	15 41.23	−17 33.9	1.829	2.745	11.2	21.5
6 30	15 37.03	−16 52.1	1.908	2.745	14.5	21.7

354680 2005 OD_{9} 5 23.6 278°.26 2°.2/24.9 16

4 21	16 25.71	−28 43.2	2.185	3.034	12.0	21.1
5 1	16 20.37	−28 28.2	2.097	3.023	9.0	20.9
5 11	16 13.13	−28 2.2	2.033	3.012	5.7	20.7
5 21	16 4.68	−27 25.5	1.995	3.001	2.6	20.5
5 31	15 55.95	−26 39.9	1.985	2.990	3.2	20.5
6 10	15 47.89	−25 49.0	2.003	2.979	6.6	20.7
6 20	15 41.32	−24 57.2	2.046	2.967	10.0	20.9
6 30	15 36.83	−24 8.9	2.113	2.956	13.0	21.0

163370 2002 PG_{21} 5 23.6 18°.71 3°.7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.19	−12 12.2	1.917	2.789	12.4	20.2
5 1	16 19.92	−11 33.2	1.849	2.789	9.1	20.0
5 11	16 12.83	−10 55.6	1.805	2.790	5.8	19.8
5 21	16 4.61	−10 22.8	1.788	2.790	3.7	19.6
5 31	15 56.20	− 9 57.9	1.797	2.790	5.3	19.7
6 10	15 48.52	− 9 43.7	1.833	2.790	8.6	19.9
6 20	15 42.34	− 9 41.5	1.893	2.790	11.9	20.1
6 30	15 38.22	− 9 51.7	1.973	2.790	14.8	20.3

17419 1988 RH_{13} 5 23.6 232°.76 1°.2/24.6 18

4 21	16 19.42	−26 44.0	4.602	5.439	6.4	18.8
5 1	16 15.00	−26 54.2	4.515	5.436	4.7	18.7
5 11	16 9.73	−27 0.5	4.455	5.433	3.0	18.5
5 21	16 3.95	−27 2.9	4.424	5.429	1.4	18.4
5 31	15 58.03	−27 1.7	4.423	5.426	1.7	18.4
6 10	15 52.40	−26 57.8	4.451	5.422	3.5	18.5
6 20	15 47.39	−26 52.3	4.507	5.418	5.2	18.7
6 30	15 43.30	−26 46.5	4.589	5.415	6.8	18.8

189367 2008 EG_{149} 5 23.6 130°.56 4°.2/20.6 18

4 21	16 23.47	− 7 23.6	2.794	3.650	9.5	21.8
5 1	16 18.09	− 6 29.1	2.737	3.664	7.2	21.6
5 11	16 11.53	− 5 38.3	2.707	3.677	5.1	21.5
5 21	16 4.32	− 4 54.4	2.704	3.689	4.2	21.5
5 31	15 57.06	− 4 19.9	2.730	3.702	5.3	21.6
6 10	15 50.36	− 3 56.7	2.784	3.713	7.3	21.7
6 20	15 44.70	− 3 45.5	2.863	3.725	9.5	21.9
6 30	15 40.46	− 3 46.1	2.965	3.736	11.4	22.0

523170 2016 TE_{99} 5 23.6 216°.84 1°.0/23.1 18

4 21	16 23.92	−17 2.6	2.848	3.707	9.2	21.8
5 1	16 18.58	−17 1.5	2.767	3.703	6.7	21.7
5 11	16 11.91	−16 59.5	2.712	3.699	3.9	21.5
5 21	16 4.42	−16 57.3	2.685	3.695	1.2	21.3
5 31	15 56.73	−16 56.1	2.688	3.691	2.7	21.4
6 10	15 49.49	−16 57.1	2.719	3.687	5.6	21.6
6 20	15 43.28	−17 1.6	2.777	3.682	8.3	21.7
6 30	15 38.53	−17 10.5	2.859	3.677	10.7	21.9

176720 2002 QN_{85} 5 23.6 261°.13 3°.6/25.2 18

4 21	16 30.20	−30 30.7	1.682	2.533	14.9	20.8
5 1	16 24.29	−30 35.5	1.595	2.520	11.4	20.5
5 11	16 15.69	−30 26.4	1.530	2.506	7.6	20.3
5 21	16 5.28	−30 1.4	1.489	2.492	4.2	20.0
5 31	15 54.31	−29 21.5	1.475	2.477	4.6	20.0
6 10	15 44.23	−28 30.9	1.487	2.462	8.4	20.2
6 20	15 36.19	−27 35.7	1.522	2.447	12.5	20.4
6 30	15 31.01	−26 42.8	1.579	2.432	16.2	20.6

166592 2002 RS_{171} 5 23.6 254°.11 2°.4/24.6 18

4 21	16 28.87	−27 34.6	2.327	3.171	11.5	21.0
5 1	16 22.71	−27 52.8	2.230	3.153	8.7	20.8
5 11	16 14.54	−28 3.3	2.157	3.135	5.6	20.6
5 21	16 5.02	−28 4.9	2.111	3.116	2.7	20.4
5 31	15 55.02	−27 57.7	2.094	3.097	3.4	20.4
6 10	15 45.55	−27 43.4	2.105	3.077	6.6	20.6
6 20	15 37.48	−27 25.0	2.142	3.057	9.9	20.7
6 30	15 31.47	−27 6.3	2.202	3.036	12.9	20.9

232261 2002 PZ_{162} 5 23.6 319°.89 2°.2/24.6 17

4 21	16 27.34	−26 42.3	1.867	2.726	13.3	20.6
5 1	16 21.80	−26 51.4	1.791	2.723	9.9	20.4
5 11	16 14.06	−26 51.5	1.738	2.721	6.2	20.2
5 21	16 4.90	−26 42.0	1.711	2.718	2.7	19.9
5 31	15 55.42	−26 23.7	1.710	2.715	3.5	20.0
6 10	15 46.73	−25 59.6	1.736	2.713	7.3	20.2
6 20	15 39.78	−25 33.8	1.787	2.710	11.1	20.4
6 30	15 35.22	−25 10.3	1.859	2.708	14.3	20.6

185436 2006 XG_{38} 5 23.6 167°.17 1°.1/24.3 17

4 21	16 25.16	−25 16.1	2.557	3.408	10.4	21.3
5 1	16 19.63	−25 7.6	2.480	3.410	7.7	21.1
5 11	16 12.56	−24 52.4	2.429	3.412	4.6	20.9
5 21	16 4.56	−24 30.9	2.404	3.413	1.6	20.7
5 31	15 56.40	−24 4.5	2.409	3.415	2.5	20.8
6 10	15 48.84	−23 35.8	2.442	3.416	5.7	21.0
6 20	15 42.53	−23 7.6	2.501	3.417	8.6	21.2
6 30	15 37.95	−22 42.6	2.584	3.418	11.2	21.3

235177 2003 SY_{65} 5 23.6 287°.25 2°.8/22.4 18

4 21	16 26.15	−14 39.5	1.834	2.707	12.8	20.0
5 1	16 20.94	−14 15.0	1.745	2.687	9.5	19.8
5 11	16 13.60	−13 50.0	1.680	2.668	5.7	19.5
5 21	16 4.83	−13 26.7	1.641	2.648	2.8	19.3
5 31	15 55.59	−13 8.3	1.628	2.628	4.7	19.4
6 10	15 46.96	−12 57.6	1.642	2.608	8.7	19.6
6 20	15 39.87	−12 56.6	1.680	2.588	12.6	19.7
6 30	15 35.03	−13 6.8	1.738	2.568	16.0	19.9

23325 Arroyo 5 23.6 331°.14 3°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.42	−15 1.7	1.239	2.131	16.4	18.5
5 1	16 21.84	−14 47.5	1.169	2.121	12.1	18.2
5 11	16 14.40	−14 33.8	1.120	2.111	7.2	17.9
5 21	16 5.02	−14 23.2	1.093	2.102	3.2	17.6
5 31	15 55.09	−14 19.1	1.091	2.094	5.6	17.7
6 10	15 46.16	−14 24.3	1.111	2.086	10.7	18.0
6 20	15 39.45	−14 40.8	1.153	2.080	15.5	18.2
6 30	15 35.83	−15 9.2	1.213	2.074	19.6	18.5

47159 1999 *SJ* 5 23.6 320°.52 2°.1/22.9 18

4 21	16 24.45	−18 10.3	1.187	2.083	16.6	18.5
5 1	16 20.68	−17 41.8	1.106	2.061	12.3	18.1
5 11	16 13.89	−17 7.7	1.046	2.039	7.2	17.8
5 21	16 4.94	−16 31.1	1.008	2.018	2.4	17.4
5 31	15 55.23	−15 56.4	0.993	1.998	5.4	17.5
6 10	15 46.41	−15 29.2	1.000	1.979	11.0	17.8
6 20	15 39.85	−15 14.2	1.027	1.960	16.3	18.0
6 30	15 36.52	−15 14.3	1.072	1.943	20.9	18.2

370133 2001 VB_{132} 5 23.6 196°.38 6°.7/19.6 17

4 21	16 25.91	− 5 21.7	1.924	2.788	12.7	21.9
5 1	16 20.40	− 4 0.8	1.859	2.787	9.9	21.7
5 11	16 13.09	− 2 45.4	1.819	2.785	7.6	21.6
5 21	16 4.69	− 1 41.3	1.805	2.783	6.7	21.5
5 31	15 56.10	− 0 53.5	1.817	2.780	8.1	21.6
6 10	15 48.26	− 0 25.1	1.855	2.777	10.7	21.7
6 20	15 41.89	− 0 16.9	1.915	2.774	13.5	21.9
6 30	15 37.55	− 0 27.7	1.995	2.771	16.1	22.1

277695 2006 CB_{38} 5 23.6 97°.09 3°.6/21.8 17

4 21	16 27.69	−12 5.5	1.983	2.849	12.3	21.6
5 1	16 21.47	−11 21.5	1.935	2.872	9.0	21.4
5 11	16 13.57	−10 39.5	1.911	2.894	5.7	21.3
5 21	16 4.76	−10 2.8	1.915	2.916	3.7	21.2
5 31	15 55.97	− 9 34.5	1.946	2.937	5.2	21.3
6 10	15 48.06	− 9 16.9	2.004	2.957	8.2	21.5
6 20	15 41.71	− 9 11.1	2.087	2.978	11.3	21.8
6 30	15 37.37	− 9 17.2	2.191	2.997	13.9	22.0

310247 2011 UW_{12} 5 23.6 199°.01 0°.9/24.1 18

4 21	16 25.88	−24 15.0	2.666	3.516	10.1	21.6
5 1	16 20.14	−24 16.6	2.584	3.513	7.4	21.4
5 11	16 12.87	−24 12.6	2.527	3.510	4.4	21.2
5 21	16 4.64	−24 3.2	2.498	3.507	1.4	21.0
5 31	15 56.20	−23 49.4	2.498	3.503	2.5	21.1
6 10	15 48.29	−23 33.1	2.526	3.500	5.6	21.3
6 20	15 41.57	−23 16.6	2.582	3.495	8.5	21.5
6 30	15 36.54	−23 2.4	2.661	3.491	11.1	21.6

510683 2012 UY_{57} 5 23.6 276°.65 0°.4/23.8 17

4 21	16 26.85	−23 0.3	1.990	2.853	12.4	21.7
5 1	16 21.41	−22 45.1	1.895	2.832	9.2	21.5
5 11	16 13.86	−22 22.8	1.824	2.812	5.4	21.2
5 21	16 4.90	−21 53.8	1.780	2.791	1.3	20.9
5 31	15 55.48	−21 20.3	1.763	2.770	3.1	21.0
6 10	15 46.66	−20 45.6	1.773	2.748	7.3	21.2
6 20	15 39.37	−20 13.5	1.808	2.727	11.3	21.4
6 30	15 34.31	−19 47.7	1.865	2.705	14.7	21.5

331552 2000 WH_{65} 5 23.6 187°.94 3°.7/21.2 18

4 21	16 26.32	−13 9.0	2.108	2.975	11.7	21.0
5 1	16 20.58	−11 58.7	2.037	2.975	8.6	20.8
5 11	16 13.15	−10 47.3	1.991	2.974	5.5	20.6
5 21	16 4.71	− 9 39.0	1.973	2.972	3.7	20.5
5 31	15 56.11	− 8 38.4	1.983	2.971	5.4	20.6
6 10	15 48.22	− 7 49.5	2.020	2.969	8.5	20.8
6 20	15 41.75	− 7 14.7	2.082	2.966	11.6	21.0
6 30	15 37.20	− 6 55.0	2.165	2.963	14.3	21.1

297510 2000 XM_4 5 23.6 182°.19 2°.8/25.6 18

4 21	16 26.43	−32 25.4	3.093	3.915	9.5	21.6
5 1	16 20.41	−32 27.5	3.010	3.916	7.4	21.5
5 11	16 12.96	−32 20.2	2.951	3.916	5.0	21.3
5 21	16 4.67	−32 3.0	2.921	3.916	3.1	21.2
5 31	15 56.20	−31 36.7	2.919	3.915	3.2	21.2
6 10	15 48.28	−31 3.4	2.947	3.914	5.2	21.3
6 20	15 41.50	−30 26.0	3.002	3.912	7.6	21.5
6 30	15 36.32	−29 47.7	3.081	3.910	9.7	21.6

37075 2000 UC_{54} 5 23.6 66°.33 3°.1/21.5 18

4 21	16 23.46	−14 40.7	2.211	3.081	11.1	18.1
5 1	16 18.43	−13 32.2	2.146	3.086	8.1	17.9
5 11	16 11.88	−12 22.0	2.105	3.091	5.0	17.7
5 21	16 4.44	−11 14.0	2.092	3.095	3.1	17.6
5 31	15 56.91	−10 12.5	2.108	3.100	4.7	17.7
6 10	15 50.06	− 9 21.2	2.151	3.105	7.7	17.9
6 20	15 44.53	− 8 42.5	2.218	3.110	10.7	18.1
6 30	15 40.75	− 8 17.6	2.308	3.114	13.3	18.3

394761 2008 GF_{18} 5 23.6 85°.56 3°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.60	−29 9.8	2.368	3.206	11.6	21.5
5 1	16 23.01	−29 49.0	2.304	3.222	8.8	21.3
5 11	16 14.58	−30 19.6	2.266	3.238	5.8	21.2
5 21	16 5.03	−30 40.2	2.255	3.254	3.4	21.1
5 31	15 55.28	−30 50.3	2.272	3.270	3.8	21.1
6 10	15 46.26	−30 51.5	2.317	3.286	6.3	21.3
6 20	15 38.74	−30 46.6	2.389	3.301	9.1	21.5
6 30	15 33.27	−30 39.0	2.484	3.317	11.7	21.7

115914 2003 WE_6 5 23.6 187°.53 0°.1/23.7 17

4 21	16 30.71	−21 21.5	1.884	2.745	13.1	20.5
5 1	16 24.13	−21 17.6	1.808	2.745	9.6	20.3
5 11	16 15.36	−21 8.4	1.756	2.744	5.5	20.1
5 21	16 5.22	−20 54.3	1.731	2.742	1.2	19.8
5 31	15 54.76	−20 37.1	1.734	2.740	3.3	19.9
6 10	15 45.12	−20 19.5	1.764	2.738	7.5	20.2
6 20	15 37.21	−20 4.6	1.820	2.735	11.4	20.4
6 30	15 31.70	−19 55.5	1.897	2.731	14.7	20.6

462509 2008 WD_{84} 5 23.6 171°.79 1°.6/24.3 16

4 21	16 32.26	−25 40.3	1.643	2.503	14.8	22.5
5 1	16 25.53	−25 33.2	1.572	2.506	10.9	22.3
5 11	16 16.26	−25 15.7	1.524	2.509	6.6	22.0
5 21	16 5.41	−24 47.8	1.501	2.511	2.2	21.7
5 31	15 54.26	−24 11.5	1.506	2.512	3.6	21.8
6 10	15 44.16	−23 31.3	1.537	2.513	8.1	22.1
6 20	15 36.16	−22 52.4	1.592	2.513	12.3	22.3
6 30	15 30.92	−22 19.6	1.668	2.513	15.9	22.6

139929 2001 RA_{130} 5 23.6 68°.13 5°.9/20.4 18

4 21	16 24.04	− 5 48.6	2.010	2.876	12.2	19.7
5 1	16 18.94	− 4 51.2	1.955	2.884	9.4	19.6
5 11	16 12.20	− 4 0.4	1.923	2.892	6.9	19.4
5 21	16 4.52	− 3 20.3	1.918	2.900	5.9	19.4
5 31	15 56.74	− 2 54.4	1.939	2.909	7.1	19.5
6 10	15 49.69	− 2 44.9	1.985	2.917	9.6	19.6
6 20	15 44.04	− 2 51.7	2.055	2.925	12.3	19.8
6 30	15 40.26	− 3 13.7	2.144	2.933	14.7	20.0

64660 2001 XH_{60} 5 23.6 58°.03 1°.4/23.1 17

4 21	16 27.66	−18 2.2	1.580	2.457	14.3	18.8
5 1	16 22.03	−17 47.5	1.523	2.468	10.4	18.5
5 11	16 14.15	−17 30.1	1.488	2.478	6.0	18.3
5 21	16 4.95	−17 11.8	1.478	2.489	1.7	18.0
5 31	15 55.58	−16 55.2	1.495	2.500	4.0	18.2
6 10	15 47.22	−16 43.3	1.537	2.511	8.4	18.5
6 20	15 40.77	−16 38.5	1.603	2.522	12.4	18.8
6 30	15 36.83	−16 42.5	1.689	2.533	15.8	19.0

314296 2005 SQ_{96} 5 23.6 274°.43 2°.0/24.6 18

4 21	16 26.03	−27 17.7	2.299	3.149	11.4	21.2
5 1	16 20.60	−27 19.9	2.207	3.135	8.6	21.0
5 11	16 13.30	−27 13.6	2.140	3.120	5.4	20.8
5 21	16 4.79	−26 58.6	2.098	3.105	2.4	20.5
5 31	15 55.91	−26 35.7	2.085	3.090	3.1	20.6
6 10	15 47.61	−26 7.4	2.100	3.075	6.4	20.7
6 20	15 40.69	−25 37.2	2.140	3.059	9.7	20.9
6 30	15 35.76	−25 8.8	2.204	3.044	12.7	21.1

393951 2005 UA_{207} 5 23.6 336°.76 1°.2/23.1 16

4 21	16 23.14	−18 53.8	1.762	2.641	13.0	20.5
5 1	16 18.78	−18 33.9	1.683	2.629	9.5	20.3
5 11	16 12.36	−18 10.1	1.628	2.618	5.5	20.0
5 21	16 4.59	−17 44.2	1.597	2.608	1.5	19.7
5 31	15 56.48	−17 19.1	1.593	2.598	3.7	19.8
6 10	15 49.08	−16 57.9	1.614	2.589	8.0	20.1
6 20	15 43.27	−16 43.7	1.659	2.581	11.9	20.3
6 30	15 39.70	−16 38.5	1.725	2.573	15.3	20.5

110446 2001 TP_{37} 5 23.6 82°.27 3°.6/24.7 17

4 21	16 32.59	−28 8.4	1.710	2.562	14.6	18.8
5 1	16 25.74	−28 54.2	1.650	2.576	11.0	18.6
5 11	16 16.37	−29 30.2	1.613	2.590	7.2	18.4
5 21	16 5.44	−29 53.6	1.602	2.604	3.9	18.3
5 31	15 54.22	−30 3.7	1.617	2.618	4.5	18.3
6 10	15 44.05	−30 2.7	1.659	2.632	8.0	18.6
6 20	15 35.96	−29 54.8	1.726	2.645	11.6	18.8
6 30	15 30.65	−29 44.6	1.814	2.659	14.8	19.0

349321 2007 UJ_{109} 5 23.6 250°.39 0°.3/23.5 18

4 21	16 26.37	−20 32.7	2.126	2.990	11.7	21.6
5 1	16 20.82	−20 25.8	2.044	2.982	8.5	21.4
5 11	16 13.41	−20 14.7	1.987	2.975	4.9	21.2
5 21	16 4.81	−20 0.3	1.956	2.967	1.0	20.9
5 31	15 55.91	−19 44.2	1.954	2.960	3.0	21.0
6 10	15 47.64	−19 28.7	1.979	2.952	6.8	21.2
6 20	15 40.79	−19 16.5	2.029	2.944	10.4	21.4
6 30	15 35.97	−19 9.9	2.102	2.936	13.4	21.6

454642 2014 QK_{220} 5 23.6 293°.63 6°.6/20.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.69	−10 24.0	1.251	2.140	16.4	20.7
5 1	16 21.98	− 9 8.2	1.179	2.126	12.5	20.4
5 11	16 14.46	− 7 53.4	1.129	2.112	8.6	20.2
5 21	16 5.08	− 6 46.8	1.101	2.098	6.6	20.0
5 31	15 55.16	− 5 56.3	1.098	2.085	8.8	20.1
6 10	15 46.21	− 5 27.4	1.116	2.071	13.0	20.3
6 20	15 39.41	− 5 22.7	1.155	2.058	17.4	20.5
6 30	15 35.59	− 5 41.4	1.211	2.045	21.3	20.7

306317 2011 SE_{90} 5 23.6 188°.17 2°.5/21.9 17

4 21	16 23.80	−14 17.9	2.601	3.464	9.8	21.1
5 1	16 18.54	−13 32.2	2.526	3.463	7.2	20.9
5 11	16 11.91	−12 45.7	2.478	3.462	4.4	20.8
5 21	16 4.47	−12 1.0	2.457	3.461	2.5	20.6
5 31	15 56.90	−11 20.9	2.466	3.459	3.9	20.7
6 10	15 49.87	−10 48.0	2.502	3.458	6.7	20.9
6 20	15 43.96	−10 24.2	2.565	3.455	9.4	21.1
6 30	15 39.61	−10 10.5	2.650	3.453	11.8	21.2

114822 2003 ON_{15} 5 23.6 176°.68 9°.8/16.4 18 R

4 21	16 25.21	+10 23.2	2.488	3.293	12.1	20.2
5 1	16 19.55	+11 44.2	2.438	3.295	10.7	20.1
5 11	16 12.49	+12 49.9	2.411	3.297	9.9	20.0
5 21	16 4.60	+13 35.5	2.409	3.298	9.9	20.0
5 31	15 56.59	+13 57.8	2.431	3.298	10.6	20.1
6 10	15 49.18	+13 55.9	2.476	3.298	12.0	20.2
6 20	15 42.95	+13 31.5	2.542	3.298	13.5	20.3
6 30	15 38.35	+12 47.3	2.625	3.297	14.9	20.4

59668 1999 JG_{98} 5 23.6 251°.40 3°.2/22.1 18

4 21	16 25.51	−11 1.6	2.382	3.244	10.7	19.3
5 1	16 19.99	−10 46.7	2.298	3.232	7.9	19.1
5 11	16 12.86	−10 34.5	2.238	3.220	5.1	18.9
5 21	16 4.70	−10 26.8	2.207	3.208	3.2	18.8
5 31	15 56.26	−10 25.5	2.203	3.195	4.5	18.8
6 10	15 48.32	−10 32.2	2.227	3.183	7.4	19.0
6 20	15 41.58	−10 47.4	2.277	3.170	10.4	19.2
6 30	15 36.56	−11 11.5	2.349	3.156	13.0	19.3

17615 Takeomasaru 5 23.6 142°.80 2°.8/25.2 18

4 21	16 27.64	−30 36.8	2.733	3.564	10.4	18.5
5 1	16 21.40	−30 51.1	2.660	3.573	7.9	18.3
5 11	16 13.60	−30 56.5	2.612	3.582	5.3	18.2
5 21	16 4.84	−30 52.2	2.591	3.590	3.1	18.1
5 31	15 55.92	−30 38.7	2.600	3.598	3.3	18.1
6 10	15 47.62	−30 18.1	2.637	3.605	5.7	18.2
6 20	15 40.61	−29 53.1	2.701	3.613	8.2	18.4
6 30	15 35.38	−29 27.2	2.789	3.620	10.6	18.6

365880 2011 UF_{319} 5 23.6 219°.40 0°.2/23.6 17

4 21	16 30.52	−21 23.5	1.535	2.406	15.0	22.1
5 1	16 24.44	−21 9.0	1.460	2.402	11.0	21.8
5 11	16 15.74	−20 47.7	1.408	2.397	6.4	21.5
5 21	16 5.35	−20 20.5	1.380	2.392	1.3	21.2
5 31	15 54.54	−19 50.1	1.379	2.386	3.8	21.3
6 10	15 44.70	−19 20.7	1.404	2.380	8.8	21.6
6 20	15 36.92	−18 56.6	1.452	2.374	13.3	21.9
6 30	15 31.95	−18 41.3	1.521	2.367	17.1	22.1

271634 2004 PG_{76} 5 23.7 338°.55 3°.3/22.5 17

4 21	16 23.75	−14 54.9	1.277	2.172	15.8	19.8
5 1	16 19.84	−14 29.1	1.206	2.159	11.7	19.5
5 11	16 13.24	−14 3.0	1.155	2.147	7.1	19.2
5 21	16 4.84	−13 39.9	1.127	2.135	3.4	18.9
5 31	15 55.93	−13 24.0	1.123	2.125	5.8	19.0
6 10	15 47.94	−13 19.0	1.142	2.116	10.6	19.3
6 20	15 42.03	−13 26.9	1.182	2.109	15.2	19.5
6 30	15 39.02	−13 48.6	1.240	2.102	19.2	19.8

323305 2003 UE_{62} 5 23.7 211°.17 2°.1/22.8 17

4 21	16 30.44	−15 33.5	2.006	2.868	12.4	22.0
5 1	16 23.84	−15 17.2	1.923	2.860	9.1	21.8
5 11	16 15.19	−15 0.0	1.866	2.852	5.4	21.6
5 21	16 5.23	−14 43.5	1.835	2.843	2.2	21.3
5 31	15 54.91	−14 30.0	1.833	2.834	4.1	21.4
6 10	15 45.27	−14 21.9	1.858	2.823	7.9	21.7
6 20	15 37.18	−14 21.0	1.909	2.812	11.6	21.9
6 30	15 31.29	−14 28.7	1.982	2.800	14.7	22.0

176412 2001 VW_1 5 23.7 87°.56 2°.6/25.5 18

4 21	16 26.98	−31 43.6	2.289	3.126	11.9	19.7
5 1	16 21.04	−31 12.9	2.223	3.140	9.1	19.5
5 11	16 13.39	−30 29.4	2.180	3.153	5.9	19.4
5 21	16 4.80	−29 33.9	2.165	3.167	3.1	19.2
5 31	15 56.20	−28 29.0	2.178	3.180	3.3	19.2
6 10	15 48.46	−27 19.2	2.219	3.193	6.1	19.4
6 20	15 42.26	−26 9.6	2.287	3.206	9.2	19.6
6 30	15 38.08	−25 4.7	2.379	3.219	11.9	19.8

6376 Champ 5 23.7 333°.30 14°.5/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 20.32	+ 5 31.6	1.229	2.102	17.9	15.9
5 1	16 17.33	+ 7 35.6	1.167	2.079	15.8	15.7
5 11	16 11.80	+ 9 21.4	1.124	2.057	14.6	15.5
5 21	16 4.54	+10 37.4	1.101	2.036	14.8	15.5
5 31	15 56.78	+11 13.9	1.097	2.017	16.4	15.5
6 10	15 49.84	+11 7.2	1.111	1.999	19.0	15.6
6 20	15 44.84	+10 19.2	1.141	1.983	21.8	15.7
6 30	15 42.58	+ 8 55.8	1.184	1.968	24.5	15.9

415600 2014 QZ_{336} 5 23.7 145°.84 2°.6/24.6 17

4 21	16 32.45	−27 10.9	1.589	2.448	15.2	21.3
5 1	16 25.79	−27 23.6	1.522	2.454	11.4	21.1
5 11	16 16.48	−27 25.5	1.477	2.459	7.1	20.8
5 21	16 5.51	−27 15.1	1.458	2.464	3.2	20.6
5 31	15 54.22	−26 53.6	1.464	2.469	4.1	20.7
6 10	15 44.02	−26 24.7	1.497	2.474	8.3	20.9
6 20	15 36.02	−25 53.6	1.554	2.478	12.4	21.2
6 30	15 30.90	−25 25.6	1.632	2.481	16.0	21.4

390477 2013 YL_{137} 5 23.7 252°.90 6°.5/26.7 16

4 21	16 31.36	−38 51.7	2.033	2.845	14.1	21.7
5 1	16 25.02	−39 21.7	1.944	2.833	11.6	21.5
5 11	16 16.10	−39 35.0	1.877	2.821	8.9	21.3
5 21	16 5.45	−39 28.0	1.834	2.808	6.9	21.2
5 31	15 54.29	−38 59.7	1.817	2.795	6.8	21.1
6 10	15 43.96	−38 12.9	1.826	2.782	8.7	21.2
6 20	15 35.57	−37 13.4	1.860	2.769	11.5	21.4
6 30	15 29.92	−36 8.2	1.916	2.756	14.3	21.5

267197 2000 SP_9 5 23.7 193°.73 8°.8/17.4 17

4 21	16 25.44	+ 1 18.4	2.031	2.879	12.8	20.1
5 1	16 19.99	+ 3 1.6	1.973	2.878	10.7	19.9
5 11	16 12.86	+ 4 34.5	1.940	2.876	9.2	19.8
5 21	16 4.72	+ 5 50.4	1.931	2.874	8.9	19.8
5 31	15 56.40	+ 6 44.2	1.949	2.872	10.2	19.9
6 10	15 48.78	+ 7 13.2	1.990	2.870	12.2	20.0
6 20	15 42.56	+ 7 17.7	2.053	2.866	14.4	20.2
6 30	15 38.24	+ 7 0.0	2.134	2.863	16.5	20.3

83700 2001 TG_{73} 5 23.7 43°.43 2°.2/22.3 18

4 21	16 24.14	−16 54.2	2.040	2.912	11.8	19.1
5 1	16 19.10	−16 3.2	1.972	2.915	8.5	18.9
5 11	16 12.35	−15 9.1	1.929	2.918	5.0	18.7
5 21	16 4.61	−14 15.3	1.913	2.921	2.3	18.5
5 31	15 56.72	−13 25.5	1.925	2.924	4.1	18.6
6 10	15 49.56	−12 43.4	1.963	2.927	7.6	18.8
6 20	15 43.84	−12 11.7	2.026	2.931	10.9	19.1
6 30	15 40.04	−11 52.0	2.111	2.934	13.8	19.3

155342 2006 XD_{40} 5 23.7 289°.53 0°.2/23.7 18

4 21	16 25.09	−22 14.2	2.142	3.005	11.6	20.6
5 1	16 19.90	−22 1.3	2.061	2.999	8.5	20.3
5 11	16 12.89	−21 42.6	2.004	2.992	4.9	20.1
5 21	16 4.74	−21 19.1	1.974	2.985	1.1	19.8
5 31	15 56.33	−20 52.8	1.972	2.979	2.9	19.9
6 10	15 48.56	−20 26.4	1.998	2.973	6.7	20.2
6 20	15 42.19	−20 3.0	2.048	2.966	10.2	20.4
6 30	15 37.82	−19 45.2	2.121	2.960	13.2	20.6

499293 2009 WS_6 5 23.7 237°.55 0°.6/23.9 17

4 21	16 29.16	−22 17.7	1.942	2.803	12.8	21.6
5 1	16 23.10	−22 22.6	1.858	2.794	9.4	21.4
5 11	16 14.86	−22 22.1	1.797	2.784	5.5	21.1
5 21	16 5.18	−22 16.2	1.763	2.774	1.4	20.8
5 31	15 55.09	−22 5.9	1.757	2.764	3.2	20.9
6 10	15 45.69	−21 53.7	1.779	2.753	7.3	21.2
6 20	15 37.92	−21 42.5	1.825	2.743	11.2	21.4
6 30	15 32.46	−21 35.4	1.893	2.731	14.5	21.6

294684 2008 AD_{114} 5 23.7 182°.82 3°.6/25.2 17

4 21	16 31.04	−30 20.4	1.696	2.546	14.8	21.2
5 1	16 24.75	−30 27.6	1.622	2.547	11.3	21.0
5 11	16 15.89	−30 21.2	1.571	2.547	7.5	20.7
5 21	16 5.40	−29 59.8	1.544	2.546	4.1	20.5
5 31	15 54.57	−29 24.6	1.544	2.546	4.5	20.6
6 10	15 44.75	−28 39.6	1.570	2.545	8.1	20.8
6 20	15 37.01	−27 51.0	1.621	2.544	12.0	21.0
6 30	15 32.06	−27 4.6	1.693	2.543	15.4	21.2

358399 2007 BE_6 5 23.7 165°.32 2°.5/25.6 17

4 21	16 26.14	−31 51.2	3.109	3.933	9.4	21.5
5 1	16 20.14	−31 37.7	3.029	3.938	7.2	21.3
5 11	16 12.81	−31 14.6	2.975	3.943	4.8	21.2
5 21	16 4.71	−30 42.1	2.948	3.947	2.8	21.0
5 31	15 56.51	−30 1.3	2.952	3.951	2.9	21.0
6 10	15 48.89	−29 14.9	2.984	3.954	5.0	21.2
6 20	15 42.41	−28 26.0	3.045	3.957	7.4	21.3
6 30	15 37.50	−27 38.1	3.130	3.959	9.6	21.5

231365 2006 HL_2 5 23.7 6°.00 1°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.93	−17 59.1	1.701	2.576	13.6	19.9
5 1	16 21.54	−17 58.5	1.633	2.576	9.9	19.7
5 11	16 13.96	−17 55.9	1.587	2.577	5.7	19.4
5 21	16 4.99	−17 52.5	1.566	2.577	1.5	19.1
5 31	15 55.72	−17 49.8	1.573	2.578	3.7	19.3
6 10	15 47.28	−17 50.0	1.605	2.579	8.0	19.5
6 20	15 40.60	−17 55.3	1.661	2.581	12.0	19.8
6 30	15 36.31	−18 7.1	1.738	2.583	15.4	20.0

41084 1999 VC_{52} 5 23.7 33°.87 1°.5/24.4 18

4 21	16 25.25	−25 50.7	2.204	3.060	11.6	19.0
5 1	16 19.96	−25 52.3	2.132	3.064	8.6	18.8
5 11	16 12.90	−25 46.4	2.085	3.068	5.2	18.6
5 21	16 4.75	−25 33.1	2.063	3.072	2.0	18.3
5 31	15 56.40	−25 13.6	2.070	3.076	2.9	18.4
6 10	15 48.76	−24 50.6	2.104	3.080	6.3	18.6
6 20	15 42.54	−24 27.0	2.163	3.084	9.5	18.8
6 30	15 38.31	−24 6.2	2.246	3.089	12.4	19.0

281350 2007 UJ_{140} 5 23.7 67°.10 1°.0/24.1 17

4 21	16 29.22	−24 44.3	1.417	2.291	15.8	20.9
5 1	16 23.54	−24 26.1	1.355	2.296	11.7	20.7
5 11	16 15.21	−23 57.0	1.314	2.302	6.9	20.4
5 21	16 5.26	−23 18.1	1.297	2.308	1.9	20.1
5 31	15 55.07	−22 32.8	1.306	2.313	3.8	20.3
6 10	15 46.06	−21 46.5	1.340	2.319	8.7	20.6
6 20	15 39.28	−21 4.7	1.397	2.325	13.2	20.8
6 30	15 35.41	−20 32.0	1.474	2.331	16.9	21.1

372519 2009 SS_{319} 5 23.7 182°.32 0°.7/24.1 17

4 21	16 29.06	−24 20.6	2.572	3.417	10.5	24.1
5 1	16 22.46	−24 8.0	2.491	3.419	7.7	23.9
5 11	16 14.24	−23 48.8	2.436	3.419	4.6	23.7
5 21	16 5.04	−23 23.5	2.409	3.419	1.3	23.5
5 31	15 55.65	−22 53.6	2.411	3.417	2.5	23.6
6 10	15 46.89	−22 21.8	2.444	3.415	5.8	23.8
6 20	15 39.44	−21 50.9	2.503	3.413	8.9	24.0
6 30	15 33.81	−21 24.0	2.586	3.409	11.5	24.1

256079 2006 UH_{201} 5 23.7 50°.18 1°.2/23.9 17

4 21	16 30.35	−22 28.5	1.450	2.324	15.5	20.8
5 1	16 24.37	−22 53.3	1.389	2.331	11.4	20.6
5 11	16 15.72	−23 12.2	1.351	2.339	6.7	20.3
5 21	16 5.38	−23 24.3	1.336	2.347	1.9	20.0
5 31	15 54.73	−23 30.0	1.348	2.355	3.8	20.2
6 10	15 45.17	−23 31.7	1.385	2.364	8.6	20.5
6 20	15 37.82	−23 32.7	1.445	2.372	12.9	20.7
6 30	15 33.38	−23 36.4	1.525	2.381	16.5	21.0

508668 2017 US_{10} 5 23.7 159°.44 8°.0/25.7 17

4 21	16 37.35	−39 0.8	1.931	2.736	15.0	20.4
5 1	16 29.73	−40 33.7	1.857	2.738	12.5	20.3
5 11	16 19.04	−41 51.7	1.806	2.739	9.9	20.1
5 21	16 6.15	−42 48.3	1.780	2.741	8.2	20.0
5 31	15 52.48	−43 19.6	1.780	2.742	8.3	20.0
6 10	15 39.64	−43 26.3	1.806	2.743	10.1	20.1
6 20	15 29.03	−43 13.4	1.856	2.744	12.5	20.3
6 30	15 21.59	−42 48.1	1.927	2.745	15.1	20.5

315277 2007 TT_{105} 5 23.7 154°.78 3°.5/24.8 17

4 21	16 32.81	−28 28.5	1.573	2.429	15.5	20.8
5 1	16 26.21	−28 56.6	1.504	2.433	11.8	20.5
5 11	16 16.82	−29 13.4	1.457	2.436	7.6	20.3
5 21	16 5.64	−29 16.5	1.435	2.439	4.0	20.1
5 31	15 54.04	−29 5.8	1.439	2.441	4.6	20.1
6 10	15 43.51	−28 44.7	1.468	2.443	8.6	20.4
6 20	15 35.22	−28 18.2	1.522	2.445	12.6	20.6
6 30	15 29.93	−27 52.3	1.596	2.447	16.2	20.8

384982 2012 TR_{182} 5 23.7 313°.48 1°.1/23.1 17

4 21	16 25.68	−19 37.9	1.848	2.720	12.8	21.0
5 1	16 20.49	−19 7.5	1.774	2.717	9.3	20.7
5 11	16 13.29	−18 32.1	1.724	2.714	5.4	20.5
5 21	16 4.86	−17 53.8	1.700	2.711	1.4	20.2
5 31	15 56.17	−17 15.9	1.703	2.708	3.6	20.4
6 10	15 48.27	−16 42.0	1.733	2.705	7.7	20.6
6 20	15 41.97	−16 15.5	1.787	2.703	11.5	20.8
6 30	15 37.88	−15 58.7	1.862	2.700	14.7	21.0

476210 2007 UC_{91} 5 23.7 232°.84 0°.6/23.9 16

4 21	16 26.75	−22 59.6	2.183	3.042	11.6	22.1
5 1	16 21.10	−22 55.5	2.101	3.036	8.5	21.9
5 11	16 13.60	−22 45.6	2.044	3.031	5.0	21.7
5 21	16 4.93	−22 30.3	2.014	3.025	1.3	21.4
5 31	15 55.96	−22 11.0	2.012	3.018	2.8	21.5
6 10	15 47.65	−21 50.2	2.037	3.012	6.6	21.7
6 20	15 40.75	−21 30.8	2.089	3.006	10.0	21.9
6 30	15 35.88	−21 15.8	2.162	2.999	13.0	22.1

498654 2008 SG_{101} 5 23.7 165°.84 1°.7/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.85	−24 57.8	2.136	2.988	12.1	21.5
5 1	16 23.40	−25 19.7	2.061	2.991	9.0	21.3
5 11	16 14.94	−25 35.2	2.011	2.993	5.5	21.0
5 21	16 5.22	−25 43.5	1.987	2.995	2.1	20.8
5 31	15 55.20	−25 44.7	1.992	2.997	3.1	20.9
6 10	15 45.89	−25 40.6	2.025	2.999	6.7	21.1
6 20	15 38.15	−25 34.1	2.084	3.000	10.1	21.3
6 30	15 32.60	−25 28.2	2.166	3.001	13.0	21.5

463769 2014 SW_{163} 5 23.7 206°.95 3°.4/24.8 17

4 21	16 33.00	−28 29.3	1.652	2.505	15.0	21.1
5 1	16 26.34	−28 55.8	1.575	2.501	11.4	20.9
5 11	16 16.93	−29 11.5	1.520	2.498	7.4	20.6
5 21	16 5.68	−29 14.0	1.490	2.494	3.9	20.4
5 31	15 53.92	−29 2.9	1.487	2.489	4.5	20.4
6 10	15 43.10	−28 41.4	1.509	2.484	8.5	20.7
6 20	15 34.41	−28 14.3	1.557	2.478	12.5	20.9
6 30	15 28.66	−27 47.5	1.625	2.472	16.1	21.1

499706 2011 AZ_{24} 5 23.7 56°.19 4°.8/26.3 17

4 21	16 29.68	−35 0.1	1.584	2.427	16.0	20.2
5 1	16 23.81	−34 43.5	1.518	2.434	12.5	20.0
5 11	16 15.32	−34 6.8	1.474	2.442	8.7	19.8
5 21	16 5.29	−33 9.2	1.453	2.449	5.5	19.6
5 31	15 55.12	−31 53.8	1.458	2.457	5.3	19.6
6 10	15 46.22	−30 27.3	1.489	2.465	8.4	19.8
6 20	15 39.59	−28 58.2	1.544	2.473	12.1	20.0
6 30	15 35.84	−27 34.4	1.621	2.481	15.5	20.3

338518 2003 QG_{60} 5 23.7 300°.64 4°.6/21.5 16

4 21	16 25.25	−11 13.5	1.693	2.570	13.5	20.7
5 1	16 20.48	−10 28.2	1.604	2.546	10.2	20.4
5 11	16 13.48	− 9 44.0	1.538	2.521	6.7	20.1
5 21	16 4.95	− 9 5.1	1.497	2.497	4.7	20.0
5 31	15 55.88	− 8 35.9	1.482	2.472	6.5	20.0
6 10	15 47.43	− 8 20.2	1.491	2.448	10.2	20.2
6 20	15 40.57	− 8 20.0	1.524	2.424	14.1	20.3
6 30	15 36.05	− 8 36.0	1.576	2.400	17.6	20.5

410691 2008 XP_{41} 5 23.7 99°.84 0°.2/23.7 17

4 21	16 31.70	−20 45.3	1.381	2.257	16.0	21.0
5 1	16 25.45	−20 57.1	1.319	2.263	11.7	20.8
5 11	16 16.39	−21 4.2	1.278	2.268	6.8	20.5
5 21	16 5.55	−21 6.3	1.262	2.273	1.5	20.2
5 31	15 54.35	−21 4.5	1.271	2.278	3.9	20.4
6 10	15 44.31	−21 1.8	1.306	2.283	9.1	20.7
6 20	15 36.57	−21 1.4	1.363	2.289	13.6	21.0
6 30	15 31.87	−21 6.5	1.440	2.293	17.5	21.2

325090 2008 DU_{45} 5 23.7 59°.87 3°.4/24.8 17

4 21	16 30.97	−27 59.9	1.449	2.313	16.1	20.6
5 1	16 24.90	−28 26.5	1.390	2.324	12.1	20.4
5 11	16 16.05	−28 41.3	1.353	2.334	7.8	20.2
5 21	16 5.47	−28 42.4	1.340	2.345	3.9	19.9
5 31	15 54.61	−28 30.3	1.352	2.356	4.6	20.0
6 10	15 44.96	−28 8.8	1.389	2.367	8.7	20.3
6 20	15 37.64	−27 43.1	1.450	2.378	12.8	20.5
6 30	15 33.36	−27 18.9	1.530	2.389	16.3	20.8

81805 2000 KU_7 5 23.7 352°.64 4°.8/21.8 17

4 21	16 23.24	−10 24.9	1.545	2.429	14.1	19.1
5 1	16 18.97	− 9 51.1	1.479	2.424	10.6	18.8
5 11	16 12.53	− 9 21.5	1.435	2.419	7.0	18.6
5 21	16 4.72	− 8 59.9	1.415	2.416	4.8	18.5
5 31	15 56.61	− 8 50.0	1.421	2.413	6.5	18.6
6 10	15 49.31	− 8 54.2	1.450	2.411	10.1	18.8
6 20	15 43.75	− 9 13.0	1.502	2.409	13.8	19.0
6 30	15 40.55	− 9 45.7	1.573	2.409	17.1	19.2

477712 2010 RJ_{170} 5 23.7 256°.87 1°.7/22.6 16

4 21	16 23.72	−17 42.1	2.352	3.218	10.6	21.7
5 1	16 18.70	−17 0.7	2.273	3.213	7.7	21.5
5 11	16 12.13	−16 16.0	2.219	3.208	4.5	21.3
5 21	16 4.62	−15 30.4	2.193	3.202	1.8	21.1
5 31	15 56.92	−14 46.9	2.195	3.197	3.5	21.2
6 10	15 49.81	−14 8.6	2.225	3.191	6.8	21.4
6 20	15 43.93	−13 38.1	2.281	3.185	9.9	21.5
6 30	15 39.78	−13 17.2	2.359	3.180	12.6	21.7

258417 2001 XW_{176} 5 23.7 82°.90 2°.0/24.9 18

4 21	16 25.86	−28 28.4	2.234	3.083	11.8	20.4
5 1	16 20.35	−28 11.2	2.164	3.090	8.8	20.2
5 11	16 13.10	−27 43.7	2.117	3.096	5.5	20.0
5 21	16 4.82	−27 6.6	2.097	3.103	2.5	19.8
5 31	15 56.42	−26 21.9	2.105	3.110	3.0	19.9
6 10	15 48.78	−25 33.3	2.141	3.116	6.2	20.1
6 20	15 42.62	−24 44.8	2.202	3.123	9.4	20.3
6 30	15 38.45	−24 0.5	2.287	3.129	12.2	20.5

159037 2004 TH_{77} 5 23.7 256°.16 2°.6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.30	−16 54.4	1.969	2.838	12.2	20.0
5 1	16 20.89	−15 54.0	1.883	2.825	8.9	19.7
5 11	16 13.53	−14 48.9	1.823	2.810	5.3	19.5
5 21	16 4.95	−13 42.4	1.789	2.796	2.6	19.3
5 31	15 56.05	−12 39.3	1.783	2.781	4.6	19.4
6 10	15 47.83	−11 44.2	1.804	2.766	8.3	19.6
6 20	15 41.09	−11 1.0	1.850	2.751	12.0	19.8
6 30	15 36.46	−10 31.8	1.917	2.735	15.2	19.9

141320 2001 YA_{129} 5 23.7 193°.68 1°.2/23.1 17

4 21	16 26.27	−16 26.9	2.636	3.494	9.9	20.6
5 1	16 20.42	−16 27.3	2.557	3.492	7.2	20.4
5 11	16 13.09	−16 27.2	2.504	3.490	4.2	20.2
5 21	16 4.84	−16 27.2	2.478	3.488	1.4	20.0
5 31	15 56.37	−16 28.6	2.482	3.485	2.9	20.1
6 10	15 48.42	−16 32.6	2.515	3.482	6.0	20.3
6 20	15 41.60	−16 40.3	2.575	3.479	8.9	20.5
6 30	15 36.41	−16 52.7	2.658	3.475	11.4	20.6

15708 1988 RB_{12} 5 23.7 296°.41 3°.8/24.9 18

4 21	16 29.35	−29 24.4	1.635	2.492	14.9	18.0
5 1	16 24.02	−29 46.7	1.535	2.464	11.6	17.7
5 11	16 15.82	−29 57.6	1.458	2.435	7.7	17.4
5 21	16 5.52	−29 54.5	1.404	2.407	4.3	17.1
5 31	15 54.35	−29 36.4	1.376	2.378	4.9	17.1
6 10	15 43.80	−29 6.3	1.373	2.349	8.9	17.2
6 20	15 35.23	−28 29.2	1.394	2.321	13.3	17.4
6 30	15 29.61	−27 51.8	1.435	2.292	17.3	17.6

353604 2011 UJ_{1} 5 23.7 212°.44 0°.6/23.3 17

4 21	16 24.61	−20 53.2	2.469	3.329	10.4	21.2
5 1	16 19.30	−20 18.7	2.388	3.325	7.5	21.0
5 11	16 12.47	−19 39.2	2.334	3.321	4.3	20.8
5 21	16 4.71	−18 56.2	2.306	3.317	1.0	20.6
5 31	15 56.78	−18 12.5	2.308	3.313	2.8	20.7
6 10	15 49.45	−17 31.0	2.338	3.309	6.1	20.9
6 20	15 43.33	−16 54.8	2.395	3.304	9.2	21.1
6 30	15 38.93	−16 26.0	2.475	3.299	11.9	21.3

75235 1999 WX_{7} 5 23.7 99°.70 1°.6/24.5 18

4 21	16 31.15	−26 59.8	1.692	2.550	14.5	19.0
5 1	16 24.46	−26 34.0	1.637	2.569	10.7	18.8
5 11	16 15.53	−25 56.4	1.604	2.587	6.5	18.6
5 21	16 5.35	−25 8.2	1.597	2.606	2.3	18.4
5 31	15 55.16	−24 12.8	1.617	2.623	3.4	18.5
6 10	15 46.15	−23 15.4	1.664	2.641	7.6	18.8
6 20	15 39.18	−22 21.7	1.736	2.658	11.4	19.0
6 30	15 34.78	−21 36.1	1.830	2.674	14.7	19.3

230101 2000 YK_{58} 5 23.7 166°.58 2°.4/22.6 17

4 21	16 28.07	−13 46.9	2.265	3.126	11.2	21.0
5 1	16 21.84	−13 34.3	2.195	3.130	8.2	20.9
5 11	16 13.95	−13 22.4	2.149	3.134	4.9	20.7
5 21	16 5.04	−13 13.1	2.131	3.137	2.5	20.5
5 31	15 55.94	−13 8.0	2.142	3.140	4.0	20.6
6 10	15 47.50	−13 8.7	2.181	3.143	7.1	20.8
6 20	15 40.42	−13 16.3	2.246	3.144	10.3	21.0
6 30	15 35.21	−13 31.5	2.333	3.146	13.0	21.2

285708 2000 SH_{246} 5 23.7 221°.61 1°.4/23.1 17

4 21	16 30.75	−18 4.8	1.791	2.657	13.4	21.5
5 1	16 24.35	−17 48.5	1.709	2.648	9.8	21.2
5 11	16 15.66	−17 29.0	1.651	2.639	5.7	21.0
5 21	16 5.44	−17 7.6	1.618	2.629	1.7	20.7
5 31	15 54.80	−16 46.9	1.614	2.618	3.9	20.8
6 10	15 44.93	−16 29.8	1.636	2.606	8.3	21.0
6 20	15 36.80	−16 19.2	1.683	2.594	12.4	21.2
6 30	15 31.12	−16 17.4	1.752	2.581	15.9	21.4

41690 2000 UR_{19} 5 23.7 119°.20 2°.9/24.4 18

4 21	16 39.64	−25 50.2	1.859	2.699	14.1	18.9
5 1	16 30.72	−26 52.9	1.799	2.721	10.6	18.7
5 11	16 19.25	−27 48.1	1.765	2.742	6.7	18.5
5 21	16 6.19	−28 32.3	1.757	2.762	3.3	18.4
5 31	15 52.85	−29 3.7	1.780	2.781	4.1	18.4
6 10	15 40.58	−29 23.3	1.831	2.799	7.7	18.7
6 20	15 30.43	−29 34.5	1.908	2.817	11.3	18.9
6 30	15 23.09	−29 41.7	2.008	2.833	14.3	19.2

52282 1989 SO_{2} 5 23.7 271°.41 0°.9/23.4 16

4 21	16 30.49	−19 34.4	1.355	2.235	16.1	19.3
5 1	16 24.90	−19 25.7	1.274	2.219	11.9	19.0
5 11	16 16.32	−19 12.0	1.213	2.204	6.9	18.7
5 21	16 5.63	−18 54.4	1.177	2.188	1.6	18.3
5 31	15 54.23	−18 35.2	1.165	2.172	4.4	18.4
6 10	15 43.72	−18 18.4	1.178	2.155	9.9	18.7
6 20	15 35.42	−18 8.0	1.214	2.139	15.0	18.9
6 30	15 30.27	−18 7.5	1.268	2.122	19.3	19.1

478196 2011 UG_{249} 5 23.7 279°.31 1°.1/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.63	−22 11.7	2.230	3.084	11.6	21.0
5 1	16 23.37	−22 51.1	2.137	3.069	8.6	20.8
5 11	16 15.06	−23 27.9	2.069	3.053	5.1	20.5
5 21	16 5.33	−24 0.8	2.028	3.038	1.6	20.3
5 31	15 55.08	−24 28.9	2.017	3.022	3.0	20.3
6 10	15 45.31	−24 52.6	2.034	3.007	6.7	20.5
6 20	15 36.91	−25 13.4	2.077	2.991	10.2	20.7
6 30	15 30.60	−25 33.4	2.143	2.976	13.3	20.9

469602 2004 FU_{146} 5 23.7 36°.24 5°.9/25.3 17

4 21	16 32.20	−33 13.2	1.805	2.642	14.6	20.9
5 1	16 25.68	−34 29.2	1.742	2.652	11.6	20.7
5 11	16 16.54	−35 32.8	1.703	2.663	8.4	20.6
5 21	16 5.65	−36 19.7	1.688	2.674	6.1	20.5
5 31	15 54.30	−36 47.4	1.700	2.686	6.3	20.5
6 10	15 43.89	−36 57.3	1.737	2.698	8.7	20.6
6 20	15 35.54	−36 53.6	1.799	2.710	11.7	20.9
6 30	15 30.03	−36 42.1	1.882	2.723	14.5	21.1

153623 2001 TF_{35} 5 23.7 149°.69 3°.0/25.0 17

4 21	16 30.79	−29 19.4	2.000	2.845	13.1	20.3
5 1	16 24.21	−29 32.4	1.929	2.851	10.0	20.1
5 11	16 15.47	−29 34.6	1.882	2.857	6.5	19.9
5 21	16 5.39	−29 24.8	1.860	2.863	3.4	19.8
5 31	15 55.06	−29 3.9	1.866	2.868	3.9	19.8
6 10	15 45.61	−28 34.9	1.900	2.873	7.1	20.0
6 20	15 37.93	−28 2.1	1.959	2.877	10.5	20.2
6 30	15 32.64	−27 30.2	2.041	2.881	13.5	20.4

118968 2000 WP_{150} 5 23.7 4°.71 11°.5/21.7 18

4 21	16 51.24	−27 17.6	0.884	1.753	23.4	18.6
5 1	16 43.16	−31 35.8	0.823	1.752	18.7	18.3
5 11	16 28.75	−36 2.0	0.783	1.752	14.0	18.0
5 21	16 8.66	−40 8.3	0.767	1.752	11.6	17.9
5 31	15 45.43	−43 26.2	0.777	1.753	13.4	17.9
6 10	15 23.13	−45 42.5	0.809	1.755	17.8	18.2
6 20	15 5.51	−47 4.1	0.861	1.758	22.4	18.5
6 30	14 54.78	−47 49.6	0.927	1.761	26.3	18.8

85737 1998 SE_{98} 5 23.7 230°.54 3°.2/22.1 18

4 21	16 27.87	−14 22.1	1.808	2.679	13.1	20.4
5 1	16 22.15	−13 37.9	1.730	2.671	9.6	20.2
5 11	16 14.32	−12 52.5	1.676	2.662	5.9	19.9
5 21	16 5.17	−12 9.1	1.649	2.654	3.3	19.7
5 31	15 55.68	−11 31.8	1.648	2.645	5.2	19.8
6 10	15 46.95	−11 4.1	1.674	2.635	9.0	20.0
6 20	15 39.85	−10 48.7	1.724	2.625	12.7	20.2
6 30	15 35.03	−10 46.7	1.795	2.615	15.9	20.4

459536 2013 GN_{2} 5 23.7 73°.35 0°.5/23.5 16

4 21	16 31.44	−20 52.0	1.260	2.141	16.9	21.9
5 1	16 25.20	−20 36.5	1.212	2.158	12.3	21.6
5 11	16 16.17	−20 14.4	1.185	2.175	7.0	21.4
5 21	16 5.54	−19 47.5	1.181	2.192	1.5	21.1
5 31	15 54.82	−19 19.1	1.203	2.209	4.2	21.3
6 10	15 45.52	−18 53.8	1.249	2.227	9.4	21.6
6 20	15 38.69	−18 35.7	1.317	2.244	13.9	21.9
6 30	15 34.93	−18 27.6	1.404	2.260	17.7	22.2

168550 1999 VQ_{212} 5 23.7 270°.57 0°.3/23.4 18

4 21	16 21.19	−20 48.0	3.222	4.078	8.3	20.8
5 1	16 16.60	−20 23.8	3.131	4.066	6.0	20.6
5 11	16 10.85	−19 56.0	3.066	4.053	3.5	20.4
5 21	16 4.40	−19 25.5	3.030	4.041	0.8	20.2
5 31	15 57.77	−18 54.2	3.023	4.028	2.2	20.3
6 10	15 51.53	−18 24.0	3.045	4.016	4.9	20.5
6 20	15 46.18	−17 57.0	3.094	4.003	7.4	20.6
6 30	15 42.10	−17 34.8	3.168	3.990	9.6	20.7

455209 2001 KT_{76} 5 23.7 59°.98 0°.0/23.4 15

4 21	16 5.08	−19 18.8	42.801	43.656	0.7	23.6
5 1	16 4.38	−19 16.7	42.723	43.659	0.5	23.6
5 11	16 3.63	−19 14.5	42.673	43.661	0.3	23.5
5 21	16 2.84	−19 12.2	42.652	43.663	0.1	23.5
5 31	16 2.04	−19 9.9	42.660	43.665	0.2	23.5
6 10	16 1.26	−19 7.7	42.696	43.667	0.4	23.5
6 20	16 0.54	−19 5.8	42.761	43.669	0.6	23.6
6 30	15 59.88	−19 4.0	42.851	43.671	0.8	23.6

465324 2007 VN_{30} 5 23.7 135°.61 1°.0/24.2 16

4 21	16 31.29	−25 31.8	1.743	2.601	14.1	21.5
5 1	16 24.60	−25 3.6	1.679	2.612	10.4	21.3
5 11	16 15.67	−24 24.8	1.638	2.623	6.2	21.0
5 21	16 5.43	−23 36.7	1.623	2.633	1.8	20.8
5 31	15 55.08	−22 42.5	1.636	2.643	3.3	20.9
6 10	15 45.80	−21 47.3	1.676	2.652	7.6	21.2
6 20	15 38.48	−20 56.4	1.741	2.660	11.6	21.4
6 30	15 33.70	−20 14.0	1.828	2.668	14.9	21.7

237842 2002 EG_{151} 5 23.7 191°.15 5°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.73	− 8 6.3	1.839	2.709	12.9	20.4
5 1	16 20.44	− 7 11.6	1.774	2.709	9.8	20.2
5 11	16 13.25	− 6 21.4	1.733	2.709	6.9	20.1
5 21	16 4.93	− 5 40.3	1.718	2.709	5.5	20.0
5 31	15 56.40	− 5 12.2	1.729	2.708	6.9	20.1
6 10	15 48.63	− 4 59.8	1.765	2.708	9.9	20.2
6 20	15 42.40	− 5 3.8	1.825	2.707	13.0	20.4
6 30	15 38.27	− 5 23.4	1.904	2.707	15.8	20.6

106382 2000 VF_{16} 5 23.7 241°.37 1°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.32	−17 59.2	2.540	3.402	10.1	20.1
5 1	16 19.10	−17 26.5	2.454	3.392	7.3	19.9
5 11	16 12.39	−16 50.8	2.393	3.381	4.3	19.7
5 21	16 4.75	−16 13.8	2.360	3.370	1.5	19.5
5 31	15 56.88	−15 38.0	2.357	3.359	3.1	19.6
6 10	15 49.53	−15 6.0	2.381	3.347	6.3	19.8
6 20	15 43.33	−14 40.3	2.432	3.336	9.4	20.0
6 30	15 38.77	−14 22.7	2.505	3.324	12.0	20.1

303750 2005 QH_{105} 5 23.7 260°.65 2°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.81	−26 59.6	2.395	3.242	11.1	21.2
5 1	16 21.18	−27 8.7	2.303	3.229	8.4	21.0
5 11	16 13.72	−27 10.3	2.235	3.215	5.3	20.8
5 21	16 5.06	−27 3.7	2.195	3.201	2.4	20.6
5 31	15 56.04	−26 49.6	2.182	3.187	3.0	20.6
6 10	15 47.56	−26 30.1	2.198	3.172	6.2	20.8
6 20	15 40.40	−26 8.1	2.240	3.158	9.4	21.0
6 30	15 35.18	−25 47.0	2.305	3.143	12.3	21.1

171279 2006 FV_{29} 5 23.7 336°.13 1°.6/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.98	−19 11.8	1.120	2.018	17.3	19.9
5 1	16 21.14	−18 47.7	1.052	2.007	12.7	19.6
5 11	16 14.22	−18 17.6	1.003	1.996	7.4	19.2
5 21	16 5.22	−17 44.1	0.975	1.986	2.0	18.9
5 31	15 55.63	−17 11.5	0.971	1.978	5.0	19.0
6 10	15 47.13	−16 45.4	0.989	1.970	10.7	19.3
6 20	15 41.05	−16 30.3	1.027	1.963	16.0	19.6
6 30	15 38.26	−16 28.9	1.082	1.957	20.5	19.8

493563 2015 KE_{21} 5 23.7 300°.25 1°.0/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.89	−24 35.7	1.990	2.853	12.4	21.6
5 1	16 20.67	−24 23.6	1.911	2.846	9.2	21.4
5 11	16 13.47	−24 3.5	1.854	2.840	5.5	21.2
5 21	16 5.01	−23 36.0	1.824	2.834	1.6	20.9
5 31	15 56.25	−23 3.0	1.821	2.828	3.0	21.0
6 10	15 48.22	−22 28.1	1.845	2.822	6.9	21.2
6 20	15 41.73	−21 55.0	1.894	2.816	10.6	21.4
6 30	15 37.42	−21 27.1	1.966	2.811	13.8	21.6

241285 2007 UH_{13} 5 23.7 263°.57 0°.4/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.09	−20 39.8	2.036	2.902	12.0	21.5
5 1	16 20.69	−20 26.1	1.962	2.901	8.8	21.3
5 11	16 13.42	−20 7.8	1.912	2.900	5.0	21.0
5 21	16 4.99	−19 46.0	1.888	2.899	1.1	20.8
5 31	15 56.32	−19 22.8	1.892	2.898	3.1	20.9
6 10	15 48.37	−19 1.1	1.924	2.898	7.0	21.1
6 20	15 41.90	−18 43.5	1.980	2.897	10.5	21.4
6 30	15 37.50	−18 32.5	2.059	2.896	13.6	21.6

130221 2000 AG_{248} 5 23.7 238°.42 0°.1/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.00	−21 34.4	2.074	2.937	12.0	21.1
5 1	16 21.39	−21 23.0	1.993	2.930	8.8	20.9
5 11	16 13.85	−21 6.3	1.936	2.924	5.1	20.7
5 21	16 5.09	−20 45.1	1.905	2.917	1.1	20.4
5 31	15 56.03	−20 21.3	1.903	2.909	3.0	20.5
6 10	15 47.64	−19 57.8	1.928	2.902	6.9	20.8
6 20	15 40.73	−19 37.4	1.978	2.894	10.5	21.0
6 30	15 35.91	−19 23.0	2.051	2.887	13.7	21.1

400197 2006 YN_{24} 5 23.7 295°.22 4°.4/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.17	− 7 5.8	2.206	3.066	11.5	20.5
5 1	16 20.58	− 7 0.0	2.130	3.059	8.7	20.3
5 11	16 13.31	− 7 0.6	2.078	3.053	6.0	20.1
5 21	16 4.98	− 7 9.7	2.053	3.047	4.4	20.0
5 31	15 56.37	− 7 28.8	2.056	3.041	5.5	20.0
6 10	15 48.34	− 7 58.4	2.086	3.035	8.2	20.2
6 20	15 41.59	− 8 38.2	2.141	3.029	11.1	20.4
6 30	15 36.67	− 9 27.2	2.218	3.023	13.8	20.5

112052 2002 JG_{10} 5 23.7 152°.95 9°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.01	+ 1 38.9	1.116	1.966	20.9	18.7
5 1	16 35.70	+ 0 50.6	1.053	1.970	16.7	18.5
5 11	16 22.64	− 0 26.4	1.010	1.974	12.3	18.2
5 21	16 7.05	− 2 14.1	0.991	1.977	9.3	18.1
5 31	15 50.85	− 4 29.2	0.997	1.980	10.1	18.1
6 10	15 36.10	− 7 2.9	1.030	1.983	14.1	18.4
6 20	15 24.40	− 9 45.0	1.086	1.985	18.6	18.6
6 30	15 16.67	−12 27.6	1.161	1.987	22.5	18.9

91397 1999 LL_{8} 5 23.7 355°.62 4°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.03	−12 53.1	1.420	2.307	15.0	19.2
5 1	16 20.46	−12 14.2	1.357	2.305	11.1	19.0
5 11	16 13.50	−11 36.8	1.315	2.302	7.0	18.7
5 21	16 5.05	−11 4.9	1.297	2.301	4.2	18.6
5 31	15 56.28	−10 42.9	1.303	2.300	6.2	18.7
6 10	15 48.45	−10 33.9	1.334	2.300	10.3	18.9
6 20	15 42.55	−10 39.7	1.386	2.300	14.3	19.1
6 30	15 39.24	−11 0.0	1.458	2.301	17.8	19.4

2969 Mikula 5 23.7 317°.00 0°.9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.84	−19 26.2	1.922	2.792	12.5	17.0
5 1	16 20.60	−19 5.0	1.848	2.790	9.1	16.8
5 11	16 13.41	−18 39.6	1.798	2.788	5.2	16.5
5 21	16 5.01	−18 11.8	1.775	2.785	1.3	16.3
5 31	15 56.36	−17 44.1	1.778	2.783	3.4	16.4
6 10	15 48.45	−17 19.6	1.808	2.781	7.4	16.6
6 20	15 42.09	−17 1.2	1.863	2.779	11.1	16.9
6 30	15 37.86	−16 51.0	1.940	2.778	14.3	17.1

438940 2010 HP_{48} 5 23.7 247°.48 7°.2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.92	+ 2 27.6	2.494	3.329	11.1	21.2
5 1	16 19.50	+ 3 4.8	2.420	3.318	9.2	21.0
5 11	16 12.62	+ 3 31.2	2.370	3.307	7.7	20.9
5 21	16 4.84	+ 3 43.3	2.346	3.296	7.2	20.9
5 31	15 56.83	+ 3 38.7	2.349	3.284	8.1	20.9
6 10	15 49.32	+ 3 16.5	2.377	3.273	9.8	21.0
6 20	15 42.93	+ 2 37.6	2.428	3.261	11.9	21.1
6 30	15 38.13	+ 1 44.0	2.501	3.249	13.9	21.2

406451 2007 TN_{401} 5 23.7 207°.71 0°.6/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 21.52	−24 5.2	3.894	4.739	7.3	22.8
5 1	16 16.68	−23 59.1	3.806	4.734	5.3	22.6
5 11	16 10.87	−23 49.1	3.745	4.728	3.2	22.5
5 21	16 4.45	−23 35.4	3.712	4.722	1.0	22.3
5 31	15 57.90	−23 19.0	3.710	4.716	1.7	22.3
6 10	15 51.69	−23 1.3	3.737	4.709	4.0	22.5
6 20	15 46.23	−22 43.7	3.792	4.703	6.1	22.6
6 30	15 41.87	−22 27.9	3.872	4.696	8.0	22.8

415740 2000 DU_{1} 5 23.7 203°.17 1°.7/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.22	−17 23.7	1.970	2.835	12.5	21.9
5 1	16 23.02	−16 58.0	1.892	2.831	9.1	21.7
5 11	16 14.81	−16 29.5	1.838	2.826	5.3	21.4
5 21	16 5.33	−16 0.1	1.811	2.821	1.9	21.2
5 31	15 55.57	−15 32.4	1.813	2.815	3.9	21.3
6 10	15 46.54	−15 9.6	1.841	2.809	7.8	21.5
6 20	15 39.07	−14 54.2	1.895	2.802	11.4	21.7
6 30	15 33.80	−14 48.1	1.970	2.794	14.6	21.9

418277 2008 EW_{96} 5 23.7 92°.29 0°.8/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.02	−20 6.1	1.578	2.450	14.6	21.8
5 1	16 23.79	−19 45.3	1.522	2.465	10.6	21.5
5 11	16 15.27	−19 19.3	1.490	2.479	6.1	21.3
5 21	16 5.42	−18 49.9	1.483	2.494	1.4	21.0
5 31	15 55.46	−18 20.3	1.502	2.508	3.8	21.2
6 10	15 46.60	−17 54.2	1.547	2.522	8.3	21.5
6 20	15 39.75	−17 35.0	1.617	2.536	12.3	21.8
6 30	15 35.49	−17 25.1	1.707	2.549	15.7	22.1

380587 2004 RP_{243} 5 23.7 342°.86 0°.4/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.23	−22 16.4	1.441	2.322	15.2	20.8
5 1	16 21.54	−22 12.8	1.369	2.315	11.2	20.5
5 11	16 14.24	−22 2.2	1.319	2.309	6.6	20.2
5 21	16 5.24	−21 45.2	1.293	2.304	1.5	19.9
5 31	15 55.81	−21 24.0	1.292	2.300	3.7	20.0
6 10	15 47.33	−21 2.3	1.316	2.296	8.7	20.3
6 20	15 40.89	−20 44.3	1.362	2.293	13.2	20.5
6 30	15 37.24	−20 33.4	1.428	2.290	17.1	20.8

95150 2002 AQ_{167} 5 23.7 347°.36 9°.2/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.02	−42 59.2	1.701	2.507	16.7	19.0
5 1	16 26.08	−43 50.6	1.628	2.505	14.1	18.9
5 11	16 17.01	−44 20.2	1.575	2.503	11.6	18.7
5 21	16 5.86	−44 22.9	1.544	2.501	9.6	18.6
5 31	15 54.17	−43 56.5	1.536	2.500	9.3	18.5
6 10	15 43.66	−43 4.6	1.553	2.498	10.8	18.6
6 20	15 35.63	−41 54.7	1.592	2.498	13.3	18.8
6 30	15 30.94	−40 36.0	1.651	2.497	16.0	18.9

311132 2004 RA_{67} 5 23.7 235°.89 3°.6/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.16	−28 45.0	1.599	2.453	15.4	21.3
5 1	16 26.70	−29 10.2	1.516	2.443	11.8	21.1
5 11	16 17.32	−29 24.0	1.455	2.433	7.7	20.8
5 21	16 5.95	−29 23.9	1.419	2.423	4.1	20.6
5 31	15 53.93	−29 9.5	1.409	2.412	4.7	20.6
6 10	15 42.81	−28 43.7	1.425	2.400	8.8	20.8
6 20	15 33.87	−28 12.1	1.465	2.388	13.0	21.0
6 30	15 27.98	−27 40.9	1.525	2.376	16.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
151760 2003 EH_{10}			5 23.7 40°.22	5°.9/25.8 17		
	h m	° ′			°	m
4 21	16 31.14	−33 35.7	1.521	2.368	16.3	19.5
5 1	16 25.22	−34 21.1	1.458	2.376	12.9	19.3
5 11	16 16.41	−34 50.6	1.417	2.383	9.2	19.1
5 21	16 5.73	−35 0.7	1.399	2.391	6.4	18.9
5 31	15 54.65	−34 50.4	1.406	2.399	6.4	18.9
6 10	15 44.75	−34 23.5	1.437	2.407	9.3	19.1
6 20	15 37.23	−33 46.1	1.492	2.416	12.8	19.3
6 30	15 32.83	−33 5.4	1.567	2.425	16.1	19.6
31875 Saksena			5 23.7 339°.63	3°.1/22.7 17		
4 21	16 26.34	−16 20.9	1.111	2.009	17.4	19.3
5 1	16 22.08	−15 48.7	1.047	2.001	12.8	19.0
5 11	16 14.75	−15 13.8	1.003	1.995	7.6	18.7
5 21	16 5.39	−14 40.1	0.980	1.989	3.2	18.4
5 31	15 55.52	−14 12.6	0.980	1.984	5.9	18.5
6 10	15 46.80	−13 56.2	1.003	1.980	11.3	18.8
6 20	15 40.52	−13 54.0	1.046	1.976	16.3	19.1
6 30	15 37.50	−14 7.2	1.106	1.974	20.6	19.3
512662 2016 TR_{72}			5 23.7 235°.85	4°.8/20.2 18		
4 21	16 23.36	− 5 51.6	2.750	3.605	9.6	21.9
5 1	16 18.29	− 4 56.0	2.669	3.592	7.5	21.7
5 11	16 11.92	− 4 4.1	2.614	3.580	5.6	21.6
5 21	16 4.73	− 3 19.5	2.587	3.567	4.8	21.5
5 31	15 57.35	− 2 45.0	2.588	3.553	5.9	21.6
6 10	15 50.41	− 2 22.9	2.616	3.539	7.9	21.7
6 20	15 44.46	− 2 14.1	2.669	3.525	10.2	21.8
6 30	15 39.94	− 2 18.5	2.743	3.511	12.3	22.0
389381 2009 WB_{87}			5 23.7 207°.16	2°.0/24.6 17		
4 21	16 29.17	−26 43.0	1.891	2.746	13.3	21.2
5 1	16 23.21	−26 44.3	1.814	2.744	9.9	20.9
5 11	16 15.02	−26 36.1	1.760	2.742	6.2	20.7
5 21	16 5.43	−26 17.9	1.732	2.739	2.5	20.5
5 31	15 55.50	−25 51.1	1.731	2.736	3.4	20.5
6 10	15 46.40	−25 19.1	1.757	2.733	7.3	20.7
6 20	15 39.05	−24 46.0	1.808	2.730	11.0	21.0
6 30	15 34.11	−24 16.4	1.881	2.727	14.3	21.2
503591 2016 GF_{65}			5 23.7 344°.19	2°.1/24.4 17		
4 21	16 28.25	−24 57.0	1.303	2.183	16.6	21.3
5 1	16 23.34	−25 13.4	1.234	2.178	12.4	21.0
5 11	16 15.44	−25 20.4	1.186	2.173	7.6	20.7
5 21	16 5.56	−25 17.0	1.160	2.170	2.8	20.4
5 31	15 55.14	−25 4.0	1.159	2.166	4.2	20.5
6 10	15 45.80	−24 45.2	1.182	2.164	9.3	20.8
6 20	15 38.81	−24 25.5	1.226	2.161	14.0	21.0
6 30	15 35.00	−24 10.0	1.290	2.160	18.1	21.3
35331 1997 EO_{47}			5 23.7 161°.20	0°.1/23.7 18		
4 21	16 25.20	−21 32.7	2.467	3.325	10.5	18.9
5 1	16 19.78	−21 21.0	2.392	3.327	7.6	18.8
5 11	16 12.82	−21 4.8	2.342	3.329	4.4	18.5
5 21	16 4.93	−20 45.0	2.320	3.331	0.9	18.3
5 31	15 56.86	−20 23.2	2.326	3.333	2.5	18.4
6 10	15 49.39	−20 1.9	2.361	3.334	5.9	18.6
6 20	15 43.16	−19 43.2	2.422	3.335	9.0	18.8
6 30	15 38.65	−19 29.4	2.506	3.336	11.6	19.0
340720 2006 SR_{76}			5 23.7 156°.86	0°.4/23.4 18		
4 21	16 25.74	−21 23.9	2.602	3.457	10.1	21.4
5 1	16 20.03	−20 49.3	2.529	3.463	7.3	21.2
5 11	16 12.90	−20 9.6	2.482	3.469	4.2	21.1
5 21	16 4.94	−19 26.5	2.463	3.474	0.9	20.8
5 31	15 56.88	−18 42.5	2.474	3.479	2.6	21.0
6 10	15 49.44	−18 0.4	2.514	3.484	5.8	21.2
6 20	15 43.20	−17 23.2	2.580	3.488	8.7	21.4
6 30	15 38.62	−16 52.9	2.670	3.491	11.3	21.5
213734 2002 VC_{136}			5 23.7 142°.51	1°.4/24.7 18		
4 21	16 27.59	−28 3.3	2.663	3.502	10.4	20.4
5 1	16 21.34	−27 30.3	2.591	3.513	7.7	20.2
5 11	16 13.62	−26 48.1	2.545	3.524	4.7	20.1
5 21	16 5.09	−25 57.7	2.527	3.534	1.9	19.9
5 31	15 56.52	−25 1.5	2.539	3.544	2.5	19.9
6 10	15 48.65	−24 2.9	2.580	3.554	5.5	20.2
6 20	15 42.09	−23 5.7	2.649	3.562	8.3	20.4
6 30	15 37.27	−22 13.5	2.742	3.571	10.8	20.5
312723 2010 RF_{65}			5 23.7 280°.30	2°.9/25.4 18		
4 21	16 26.33	−30 44.8	2.312	3.152	11.7	20.8
5 1	16 20.95	−30 40.1	2.217	3.135	9.0	20.6
5 11	16 13.67	−30 24.1	2.145	3.119	6.0	20.4
5 21	16 5.15	−29 56.3	2.100	3.102	3.3	20.2
5 31	15 56.27	−29 17.7	2.083	3.085	3.6	20.2
6 10	15 48.01	−28 31.4	2.094	3.068	6.5	20.3
6 20	15 41.16	−27 41.6	2.130	3.051	9.7	20.5
6 30	15 36.35	−26 52.8	2.190	3.033	12.6	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
300092 2006 UB_{239}			5 23.7 77°.23	2°.6/24.9 17		
	h m	° ′			°	m
4 21	16 27.72	−28 15.3	2.165	3.013	12.1	20.8
5 1	16 21.88	−28 32.2	2.096	3.021	9.1	20.6
5 11	16 14.14	−28 40.3	2.051	3.029	5.9	20.4
5 21	16 5.24	−28 38.6	2.033	3.037	3.0	20.3
5 31	15 56.11	−28 27.7	2.042	3.045	3.5	20.3
6 10	15 47.74	−28 10.1	2.079	3.053	6.5	20.5
6 20	15 40.92	−27 49.1	2.141	3.061	9.7	20.7
6 30	15 36.22	−27 28.4	2.226	3.069	12.5	20.9
398221 2010 OW_{76}			5 23.7 276°.01	5°.2/25.8 18	R	
4 21	16 30.18	−36 18.8	2.555	3.366	11.6	21.1
5 1	16 23.91	−37 2.0	2.451	3.342	9.4	20.9
5 11	16 15.51	−37 34.1	2.370	3.317	7.1	20.7
5 21	16 5.59	−37 52.2	2.315	3.293	5.4	20.6
5 31	15 55.06	−37 54.8	2.288	3.268	5.5	20.5
6 10	15 44.97	−37 42.9	2.288	3.242	7.3	20.6
6 20	15 36.26	−37 19.5	2.315	3.217	9.8	20.7
6 30	15 29.69	−36 49.3	2.364	3.191	12.4	20.8
384141 2008 YA_{118}			5 23.7 155°.58	3°.5/25.7 18		
4 21	16 28.81	−32 34.9	2.295	3.126	12.1	21.3
5 1	16 22.64	−32 37.8	2.219	3.130	9.4	21.1
5 11	16 14.56	−32 28.4	2.167	3.135	6.4	21.0
5 21	16 5.33	−32 6.0	2.142	3.138	3.9	20.8
5 31	15 55.90	−31 31.5	2.145	3.142	4.0	20.8
6 10	15 47.25	−30 48.2	2.175	3.145	6.6	21.0
6 20	15 40.17	−30 0.4	2.231	3.148	9.5	21.2
6 30	15 35.22	−29 12.8	2.311	3.151	12.2	21.3
149094 2002 CT_{155}			5 23.7 358°.00	2°.5/24.8 18		
4 21	16 26.03	−27 34.0	1.969	2.826	12.8	19.7
5 1	16 20.88	−27 46.5	1.894	2.824	9.6	19.5
5 11	16 13.67	−27 50.0	1.843	2.823	6.1	19.3
5 21	16 5.16	−27 43.7	1.817	2.823	2.9	19.1
5 31	15 56.34	−27 28.4	1.818	2.823	3.5	19.1
6 10	15 48.28	−27 6.9	1.846	2.823	7.0	19.3
6 20	15 41.83	−26 42.7	1.899	2.823	10.4	19.5
6 30	15 37.63	−26 19.8	1.973	2.824	13.5	19.7
306128 Pipher			5 23.7 274°.39	2°.0/24.9 18		
4 21	16 25.76	−28 27.7	2.264	3.112	11.6	20.8
5 1	16 20.45	−28 11.8	2.178	3.104	8.8	20.5
5 11	16 13.33	−27 45.6	2.117	3.096	5.5	20.3
5 21	16 5.08	−27 9.4	2.082	3.088	2.5	20.1
5 31	15 56.57	−26 24.9	2.075	3.080	3.1	20.1
6 10	15 48.73	−25 35.8	2.096	3.072	6.3	20.3
6 20	15 42.31	−24 46.0	2.143	3.064	9.6	20.5
6 30	15 37.88	−23 59.8	2.213	3.056	12.5	20.7
419576 2010 RY_{58}			5 23.7 330°.62	5°.9/25.8 17		
4 21	16 29.33	−33 2.2	1.286	2.148	17.9	20.7
5 1	16 24.46	−33 31.7	1.214	2.140	14.1	20.5
5 11	16 16.26	−33 43.3	1.161	2.133	9.9	20.2
5 21	16 5.79	−33 33.1	1.129	2.126	6.5	20.0
5 31	15 54.67	−33 0.8	1.122	2.120	6.6	20.0
6 10	15 44.74	−32 11.1	1.137	2.114	10.2	20.2
6 20	15 37.44	−31 12.2	1.174	2.109	14.5	20.4
6 30	15 33.67	−30 13.1	1.230	2.105	18.5	20.6
179575 2002 FZ_{30}			5 23.7 113°.10	6°.6/20.1 18		
4 21	16 24.58	+ 1 22.5	2.583	3.421	10.7	20.4
5 1	16 19.10	+ 2 0.3	2.531	3.433	8.7	20.3
5 11	16 12.33	+ 2 27.9	2.504	3.445	7.2	20.2
5 21	16 4.85	+ 2 42.4	2.504	3.458	6.6	20.2
5 31	15 57.30	+ 2 41.6	2.530	3.469	7.4	20.3
6 10	15 50.34	+ 2 25.2	2.582	3.481	9.0	20.4
6 20	15 44.49	+ 1 54.1	2.658	3.492	10.9	20.5
6 30	15 40.17	+ 1 10.1	2.755	3.503	12.7	20.7
402949 2007 TL_{364}			5 23.7 207°.68	0°.2/23.5 18		
4 21	16 20.66	−20 38.7	4.160	5.010	6.7	22.8
5 1	16 16.02	−20 21.6	4.072	5.004	4.9	22.7
5 11	16 10.50	−20 1.8	4.011	4.997	2.8	22.5
5 21	16 4.46	−19 40.2	3.979	4.990	0.6	22.3
5 31	15 58.29	−19 17.9	3.977	4.983	1.7	22.4
6 10	15 52.44	−18 56.2	4.006	4.975	3.9	22.6
6 20	15 47.27	−18 36.5	4.062	4.967	5.9	22.7
6 30	15 43.09	−18 20.0	4.144	4.959	7.7	22.8
39249 2000 YR_{88}			5 23.7 30°.92	4°.5/26.7 18		
4 21	16 26.90	−36 8.4	2.179	3.004	12.9	18.3
5 1	16 21.36	−35 58.6	2.104	3.007	10.2	18.2
5 11	16 13.86	−35 33.0	2.052	3.011	7.3	18.0
5 21	16 5.20	−34 50.9	2.026	3.015	5.0	17.8
5 31	15 56.39	−33 54.0	2.026	3.019	4.8	17.8
6 10	15 48.45	−32 46.5	2.054	3.023	6.9	18.0
6 20	15 42.17	−31 33.9	2.107	3.028	9.8	18.2
6 30	15 38.11	−30 22.2	2.184	3.032	12.5	18.3

105291 2000 QY_{47} 5 23.7 176°.01 1°.1/23.1 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.32	−18 11.7	2.461	3.323	10.4	19.6
5 1	16 19.86	−17 52.4	2.387	3.324	7.5	19.4
5 11	16 12.88	−17 30.6	2.337	3.325	4.3	19.2
5 21	16 4.99	−17 7.8	2.315	3.325	1.3	19.0
5 31	15 56.92	−16 45.9	2.322	3.326	3.0	19.1
6 10	15 49.43	−16 27.1	2.357	3.326	6.2	19.4
6 20	15 43.16	−16 13.3	2.419	3.326	9.3	19.5
6 30	15 38.59	−16 6.3	2.503	3.326	11.9	19.7

204880 2007 TQ_{66} 5 23.7 312°.83 0°.3/23.6 17

4 21	16 26.24	−21 14.3	1.937	2.805	12.5	20.6
5 1	16 20.93	−20 57.2	1.863	2.803	9.1	20.4
5 11	16 13.67	−20 34.6	1.812	2.801	5.3	20.2
5 21	16 5.18	−20 7.7	1.788	2.799	1.1	19.9
5 31	15 56.42	−19 39.1	1.790	2.797	3.1	20.0
6 10	15 48.42	−19 11.7	1.820	2.795	7.2	20.3
6 20	15 41.98	−18 48.9	1.875	2.793	10.9	20.5
6 30	15 37.69	−18 33.3	1.951	2.792	14.1	20.7

228384 2000 XD_{14} 5 23.7 180°.62 0°.8/23.4 18

4 21	16 28.08	−19 7.1	2.011	2.875	12.2	20.9
5 1	16 22.18	−18 56.0	1.937	2.876	8.9	20.7
5 11	16 14.35	−18 41.5	1.888	2.876	5.1	20.5
5 21	16 5.33	−18 24.8	1.865	2.876	1.3	20.2
5 31	15 56.05	−18 7.8	1.871	2.876	3.3	20.4
6 10	15 47.51	−17 53.2	1.904	2.876	7.2	20.6
6 20	15 40.50	−17 43.3	1.962	2.875	10.8	20.8
6 30	15 35.61	−17 40.2	2.042	2.874	13.9	21.0

100388 1995 WW_{7} 5 23.7 224°.78 1°.1/24.5 18

4 21	16 25.88	−26 44.6	2.885	3.727	9.6	20.0
5 1	16 20.18	−26 21.0	2.791	3.716	7.1	19.8
5 11	16 13.05	−25 49.4	2.723	3.704	4.4	19.6
5 21	16 5.04	−25 10.6	2.684	3.692	1.6	19.4
5 31	15 56.82	−24 26.3	2.674	3.680	2.3	19.4
6 10	15 49.11	−23 39.2	2.694	3.667	5.3	19.6
6 20	15 42.52	−22 52.4	2.741	3.654	8.1	19.8
6 30	15 37.51	−22 9.2	2.812	3.640	10.6	19.9

125635 2001 XN_{60} 5 23.7 78°.56 2°.4/25.0 18

4 21	16 30.50	−29 21.6	1.714	2.567	14.6	19.2
5 1	16 24.05	−28 58.2	1.661	2.589	10.9	19.1
5 11	16 15.39	−28 21.1	1.631	2.611	6.8	18.9
5 21	16 5.52	−27 31.4	1.626	2.632	3.1	18.7
5 31	15 55.68	−26 32.4	1.648	2.653	3.6	18.7
6 10	15 47.03	−25 29.5	1.697	2.675	7.4	19.0
6 20	15 40.41	−24 28.7	1.771	2.695	11.1	19.3
6 30	15 36.33	−23 35.0	1.867	2.716	14.3	19.5

116238 2003 YJ_{12} 5 23.7 67°.90 2°.2/25.7 18

4 21	16 20.07	−32 8.0	4.290	5.112	7.1	19.8
5 1	16 15.66	−32 13.2	4.210	5.116	5.5	19.7
5 11	16 10.32	−32 12.0	4.157	5.120	3.8	19.6
5 21	16 4.43	−32 4.4	4.131	5.124	2.4	19.5
5 31	15 58.44	−31 50.7	4.134	5.129	2.4	19.5
6 10	15 52.79	−31 32.3	4.166	5.133	3.8	19.6
6 20	15 47.87	−31 10.7	4.226	5.137	5.5	19.7
6 30	15 44.00	−30 47.8	4.311	5.142	7.1	19.9

503049 2015 FB_{159} 5 23.7 64°.58 0°.7/23.9 17

4 21	16 28.82	−22 21.0	1.777	2.642	13.5	21.3
5 1	16 22.89	−22 32.2	1.716	2.654	9.9	21.1
5 11	16 14.81	−22 37.9	1.679	2.666	5.8	20.9
5 21	16 5.44	−22 38.1	1.667	2.678	1.5	20.6
5 31	15 55.86	−22 33.8	1.683	2.690	3.2	20.8
6 10	15 47.20	−22 27.4	1.725	2.702	7.3	21.1
6 20	15 40.34	−22 21.8	1.791	2.714	11.1	21.3
6 30	15 35.87	−22 19.7	1.880	2.726	14.3	21.6

359679 2011 SX_{128} 5 23.7 19°.63 2°.7/22.9 17

4 21	16 28.11	−16 32.5	1.133	2.027	17.4	20.7
5 1	16 23.22	−16 8.6	1.077	2.030	12.8	20.5
5 11	16 15.35	−15 42.9	1.041	2.033	7.5	20.2
5 21	16 5.60	−15 18.5	1.027	2.037	2.9	19.9
5 31	15 55.50	−14 59.5	1.037	2.041	5.5	20.1
6 10	15 46.67	−14 49.9	1.069	2.046	10.7	20.4
6 20	15 40.31	−14 52.3	1.122	2.051	15.6	20.7
6 30	15 37.15	−15 7.7	1.193	2.057	19.7	20.9

177206 2003 US_{103} 5 23.7 164°.80 1°.5/23.1 17

4 21	16 30.46	−17 58.3	1.954	2.816	12.6	21.1
5 1	16 23.88	−17 35.0	1.884	2.822	9.2	20.8
5 11	16 15.32	−17 8.5	1.839	2.827	5.3	20.6
5 21	16 5.56	−16 40.8	1.821	2.831	1.7	20.4
5 31	15 55.59	−16 14.3	1.832	2.835	3.7	20.5
6 10	15 46.45	−15 52.2	1.870	2.838	7.6	20.8
6 20	15 38.96	−15 36.9	1.933	2.840	11.2	21.0
6 30	15 33.68	−15 30.3	2.018	2.842	14.3	21.2

322448 2011 UZ_{8} 5 23.7 298°.15 1°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.32	−23 4.0	2.057	2.918	12.2	20.4
5 1	16 21.84	−23 24.0	1.969	2.904	9.0	20.2
5 11	16 14.31	−23 39.4	1.905	2.890	5.4	19.9
5 21	16 5.38	−23 49.5	1.867	2.876	1.7	19.7
5 31	15 55.98	−23 54.6	1.856	2.863	3.0	19.7
6 10	15 47.16	−23 56.2	1.873	2.849	6.9	20.0
6 20	15 39.81	−23 56.6	1.915	2.836	10.6	20.1
6 30	15 34.63	−23 58.6	1.980	2.822	13.8	20.3

129493 1995 BM_{2} 5 23.7 51°.90 1°.7/24.8 18

4 21	16 35.80	−32 47.7	1.079	1.944	20.3	18.0
5 1	16 28.17	−30 38.7	1.045	1.980	15.0	17.8
5 11	16 17.65	−28 3.8	1.031	2.016	9.0	17.6
5 21	16 5.96	−25 12.0	1.043	2.052	3.0	17.4
5 31	15 54.98	−22 17.8	1.080	2.088	4.2	17.5
6 10	15 46.20	−19 36.8	1.144	2.125	9.7	18.0
6 20	15 40.42	−17 20.3	1.231	2.161	14.4	18.3
6 30	15 37.91	−15 33.3	1.339	2.197	18.3	18.7

79335 1996 TJ_{19} 5 23.7 233°.19 2°.8/24.9 18

4 21	16 28.80	−28 26.8	2.271	3.114	11.8	20.7
5 1	16 22.77	−28 54.7	2.188	3.109	9.0	20.5
5 11	16 14.77	−29 14.6	2.129	3.105	5.9	20.3
5 21	16 5.47	−29 24.9	2.097	3.100	3.2	20.1
5 31	15 55.79	−29 25.6	2.094	3.095	3.6	20.1
6 10	15 46.74	−29 18.2	2.118	3.090	6.6	20.3
6 20	15 39.15	−29 5.7	2.168	3.084	9.7	20.5
6 30	15 33.66	−28 51.8	2.241	3.079	12.6	20.6

78821 2003 QB_{11} 5 23.7 191°.64 5°.8/20.3 18

4 21	16 25.70	− 4 13.5	2.327	3.181	11.2	19.7
5 1	16 20.14	− 3 19.4	2.259	3.179	8.8	19.6
5 11	16 13.07	− 2 31.6	2.216	3.178	6.7	19.4
5 21	16 5.07	− 1 53.9	2.199	3.175	5.8	19.4
5 31	15 56.90	− 1 29.6	2.211	3.173	6.9	19.4
6 10	15 49.33	− 1 20.6	2.248	3.170	9.2	19.6
6 20	15 42.97	− 1 27.2	2.309	3.166	11.6	19.7
6 30	15 38.33	− 1 48.3	2.392	3.162	13.9	19.9

72569 2001 EC_{13} 5 23.7 233°.81 2°.4/23.1 18

4 21	16 35.24	−12 24.6	2.062	2.913	12.5	18.7
5 1	16 27.58	−12 45.1	1.967	2.897	9.3	18.5
5 11	16 17.65	−13 9.7	1.897	2.880	5.7	18.2
5 21	16 6.13	−13 38.7	1.855	2.862	2.6	18.0
5 31	15 54.01	−14 12.2	1.843	2.843	4.2	18.1
6 10	15 42.41	−14 50.4	1.861	2.823	8.1	18.3
6 20	15 32.33	−15 33.4	1.905	2.802	11.8	18.5
6 30	15 24.51	−16 21.3	1.972	2.781	15.1	18.6

294202 2007 TB_{430} 5 23.7 9°.28 0°.6/23.5 17

4 21	16 27.45	−22 27.1	1.286	2.170	16.4	20.4
5 1	16 22.55	−21 41.9	1.222	2.171	12.0	20.1
5 11	16 14.88	−20 45.9	1.180	2.171	6.9	19.9
5 21	16 5.50	−19 42.3	1.161	2.172	1.5	19.5
5 31	15 55.84	−18 36.8	1.167	2.174	4.3	19.7
6 10	15 47.36	−17 36.3	1.197	2.176	9.6	20.0
6 20	15 41.16	−16 46.7	1.249	2.178	14.3	20.3
6 30	15 37.94	−16 12.0	1.320	2.181	18.3	20.5

411727 2012 BG_{38} 5 23.7 99°.13 1°.6/24.4 17

4 21	16 31.76	−25 18.0	1.545	2.410	15.3	21.6
5 1	16 25.28	−25 16.1	1.487	2.423	11.3	21.4
5 11	16 16.28	−25 4.2	1.452	2.437	6.8	21.2
5 21	16 5.78	−24 42.5	1.441	2.450	2.3	20.9
5 31	15 55.12	−24 13.1	1.456	2.463	3.6	21.0
6 10	15 45.64	−23 40.3	1.498	2.476	8.1	21.3
6 20	15 38.33	−23 8.9	1.564	2.488	12.3	21.6
6 30	15 33.81	−22 43.3	1.650	2.501	15.8	21.8

258835 2002 PH_{14} 5 23.7 336°.59 4°.8/25.9 17

4 21	16 28.63	−32 55.2	1.355	2.215	17.2	20.0
5 1	16 23.68	−32 52.2	1.282	2.210	13.4	19.7
5 11	16 15.68	−32 29.4	1.230	2.205	9.2	19.5
5 21	16 5.70	−31 45.2	1.200	2.200	5.5	19.3
5 31	15 55.28	−30 41.4	1.194	2.196	5.5	19.2
6 10	15 46.07	−29 25.0	1.213	2.192	9.4	19.4
6 20	15 39.34	−28 4.7	1.254	2.189	13.8	19.7
6 30	15 35.85	−26 49.4	1.314	2.187	17.7	19.9

21960 1999 VH_{189} 5 23.7 150°.60 1°.6/22.9 18

4 21	16 26.95	−17 29.4	2.176	3.040	11.5	19.0
5 1	16 21.16	−16 59.0	2.107	3.046	8.3	18.8
5 11	16 13.69	−16 26.0	2.064	3.051	4.8	18.6
5 21	16 5.22	−15 52.6	2.047	3.056	1.8	18.4
5 31	15 56.59	−15 21.2	2.059	3.061	3.5	18.5
6 10	15 48.68	−14 54.9	2.099	3.066	7.0	18.8
6 20	15 42.17	−14 35.9	2.164	3.070	10.3	19.0
6 30	15 37.57	−14 25.7	2.251	3.073	13.1	19.2

430962 2005 WX_{18} 5 23.7 123°.03 1°.8/23.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.15	−14 53.8	1.933	2.795	12.8	21.4
5 1	16 24.40	−15 7.1	1.869	2.806	9.3	21.2
5 11	16 15.64	−15 21.6	1.829	2.816	5.5	21.0
5 21	16 5.65	−15 37.9	1.816	2.825	2.0	20.8
5 31	15 55.45	−15 56.4	1.832	2.835	3.8	20.9
6 10	15 46.07	−16 18.2	1.875	2.844	7.6	21.2
6 20	15 38.33	−16 44.0	1.944	2.853	11.1	21.4
6 30	15 32.84	−17 14.4	2.035	2.861	14.1	21.6

264842 2002 QZ_{93} 5 23.7 264°.38 1°.7/24.4 18

4 21	16 31.32	−25 30.8	1.828	2.684	13.7	21.6
5 1	16 25.15	−25 34.3	1.728	2.660	10.3	21.4
5 11	16 16.43	−25 29.1	1.652	2.635	6.3	21.1
5 21	16 5.90	−25 14.2	1.601	2.610	2.3	20.8
5 31	15 54.68	−24 50.2	1.578	2.584	3.6	20.8
6 10	15 44.06	−24 20.4	1.581	2.557	8.0	21.0
6 20	15 35.18	−23 49.1	1.610	2.530	12.3	21.2
6 30	15 28.92	−23 21.2	1.660	2.502	16.1	21.4

160350 2003 UY_{49} 5 23.7 266°.00 2°.8/22.6 18

4 21	16 27.77	−12 58.2	2.018	2.884	12.1	19.8
5 1	16 22.07	−12 49.2	1.931	2.869	9.0	19.5
5 11	16 14.41	−12 42.1	1.869	2.854	5.5	19.3
5 21	16 5.42	−12 38.7	1.833	2.838	2.9	19.1
5 31	15 56.02	−12 40.7	1.825	2.823	4.5	19.2
6 10	15 47.19	−12 50.0	1.844	2.807	8.1	19.3
6 20	15 39.78	−13 7.5	1.888	2.791	11.6	19.5
6 30	15 34.44	−13 33.7	1.953	2.775	14.8	19.7

512840 2016 UD_{139} 5 23.7 233°.74 1°.0/24.6 17

4 21	16 26.30	−27 41.7	2.907	3.746	9.6	21.6
5 1	16 20.46	−26 55.6	2.811	3.734	7.2	21.4
5 11	16 13.22	−26 0.0	2.741	3.721	4.4	21.2
5 21	16 5.13	−24 55.9	2.699	3.708	1.5	21.0
5 31	15 56.89	−23 45.9	2.689	3.695	2.3	21.0
6 10	15 49.20	−22 33.6	2.708	3.681	5.3	21.2
6 20	15 42.65	−21 23.0	2.756	3.667	8.1	21.4
6 30	15 37.68	−20 17.8	2.828	3.652	10.6	21.5

471298 2011 HD_{3} 5 23.7 352°.16 10°.9/19.1 17

4 21	16 20.94	− 0 35.9	1.213	2.100	17.0	20.4
5 1	16 17.79	+ 0 45.3	1.157	2.091	14.0	20.2
5 11	16 12.17	+ 1 51.4	1.122	2.083	11.7	20.1
5 21	16 4.96	+ 2 33.9	1.106	2.076	11.0	20.0
5 31	15 57.39	+ 2 46.0	1.112	2.071	12.4	20.1
6 10	15 50.78	+ 2 25.7	1.138	2.068	15.3	20.2
6 20	15 46.13	+ 1 35.3	1.183	2.066	18.5	20.4
6 30	15 44.16	+ 0 19.8	1.243	2.066	21.4	20.6

129871 1999 RH_{203} 5 23.7 289°.48 1°.3/23.1 17

4 21	16 27.50	−21 0.1	1.448	2.328	15.2	19.6
5 1	16 22.54	−20 9.9	1.367	2.313	11.2	19.3
5 11	16 14.94	−19 9.8	1.308	2.299	6.5	19.0
5 21	16 5.58	−18 2.9	1.273	2.284	1.7	18.6
5 31	15 55.73	−16 54.5	1.264	2.269	4.4	18.8
6 10	15 46.78	−15 51.4	1.280	2.255	9.6	19.0
6 20	15 39.85	−14 59.3	1.318	2.240	14.3	19.3
6 30	15 35.74	−14 22.5	1.376	2.226	18.3	19.5

176392 2001 UL_{84} 5 23.7 176°.83 3°.3/25.5 18

4 21	16 28.73	−31 34.1	2.586	3.414	11.0	20.6
5 1	16 22.51	−31 55.0	2.506	3.416	8.5	20.4
5 11	16 14.53	−32 6.3	2.450	3.417	5.8	20.3
5 21	16 5.45	−32 6.7	2.422	3.418	3.6	20.1
5 31	15 56.10	−31 56.3	2.422	3.418	3.8	20.1
6 10	15 47.37	−31 37.1	2.450	3.418	6.1	20.3
6 20	15 39.99	−31 12.2	2.505	3.418	8.8	20.5
6 30	15 34.52	−30 45.3	2.584	3.417	11.3	20.6

352636 2008 GW_{89} 5 23.7 87°.72 4°.5/20.8 18

4 21	16 23.45	− 8 56.6	2.338	3.203	10.7	20.9
5 1	16 18.48	− 7 56.5	2.279	3.211	8.1	20.8
5 11	16 12.09	− 6 59.6	2.245	3.220	5.6	20.6
5 21	16 4.90	− 6 9.5	2.237	3.228	4.5	20.6
5 31	15 57.61	− 5 29.6	2.258	3.236	5.7	20.7
6 10	15 50.95	− 5 2.4	2.305	3.244	8.1	20.8
6 20	15 45.49	− 4 49.0	2.377	3.252	10.7	21.0
6 30	15 41.67	− 4 49.1	2.470	3.260	13.0	21.2

253760 2003 WS_{104} 5 23.7 180°.68 0°.9/23.4 17

4 21	16 30.65	−19 23.5	1.913	2.775	12.9	21.4
5 1	16 24.16	−19 8.1	1.839	2.776	9.4	21.2
5 11	16 15.58	−18 48.6	1.790	2.777	5.4	20.9
5 21	16 5.69	−18 26.2	1.767	2.777	1.3	20.6
5 31	15 55.54	−18 3.3	1.772	2.777	3.4	20.8
6 10	15 46.19	−17 42.8	1.805	2.776	7.6	21.0
6 20	15 38.52	−17 27.5	1.862	2.774	11.3	21.3
6 30	15 33.14	−17 19.9	1.942	2.772	14.6	21.5

159964 2006 BD_{11} 5 23.8 324°.78 8°.9/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.15	− 1 27.4	1.493	2.365	15.3	19.4
5 1	16 20.62	− 0 39.3	1.422	2.349	12.4	19.2
5 11	16 13.75	− 0 3.9	1.372	2.334	9.9	19.0
5 21	16 5.33	+ 0 13.0	1.344	2.319	8.9	18.9
5 31	15 56.45	+ 0 6.6	1.340	2.305	10.2	18.9
6 10	15 48.33	− 0 24.8	1.359	2.292	13.0	19.0
6 20	15 41.96	− 1 19.4	1.398	2.279	16.3	19.2
6 30	15 38.08	− 2 33.8	1.456	2.267	19.4	19.4

354129 2002 CD_{19} 5 23.8 113°.33 6°.3/20.5 18

4 21	16 24.88	− 0 23.6	2.479	3.323	10.9	20.9
5 1	16 19.42	+ 0 11.5	2.424	3.333	8.8	20.7
5 11	16 12.61	+ 0 37.2	2.393	3.343	7.0	20.6
5 21	16 5.02	+ 0 50.4	2.389	3.352	6.3	20.6
5 31	15 57.35	+ 0 49.1	2.412	3.362	7.1	20.7
6 10	15 50.27	+ 0 32.7	2.460	3.371	8.9	20.8
6 20	15 44.35	+ 0 2.1	2.533	3.380	11.0	21.0
6 30	15 40.01	− 0 41.1	2.627	3.389	13.0	21.1

490076 2008 TM_{135} 5 23.8 150°.25 0°.3/23.9 17

4 21	16 27.29	−23 13.7	1.907	2.771	12.8	21.7
5 1	16 21.75	−22 52.0	1.835	2.772	9.4	21.5
5 11	16 14.18	−22 22.7	1.786	2.773	5.5	21.2
5 21	16 5.39	−21 47.1	1.764	2.774	1.3	20.9
5 31	15 56.37	−21 7.8	1.768	2.775	3.1	21.1
6 10	15 48.16	−20 28.8	1.800	2.776	7.2	21.3
6 20	15 41.59	−19 53.7	1.857	2.777	10.9	21.5
6 30	15 37.25	−19 25.9	1.936	2.778	14.1	21.8

507476 2012 TS_{260} 5 23.8 264°.61 0°.6/23.5 17

4 21	16 28.03	−18 58.4	1.956	2.822	12.5	21.8
5 1	16 22.35	−19 1.6	1.874	2.813	9.1	21.5
5 11	16 14.60	−19 2.4	1.816	2.805	5.3	21.3
5 21	16 5.50	−19 1.2	1.785	2.796	1.2	21.0
5 31	15 56.01	−18 59.3	1.781	2.787	3.3	21.1
6 10	15 47.18	−18 58.7	1.804	2.778	7.4	21.3
6 20	15 39.87	−19 1.4	1.853	2.769	11.1	21.5
6 30	15 34.77	−19 9.3	1.923	2.760	14.4	21.7

512057 2015 MH_{103} 5 23.8 293°.21 0°.2/23.9 18

4 21	16 25.27	−22 0.5	2.223	3.085	11.3	21.8
5 1	16 20.20	−21 54.5	2.133	3.069	8.3	21.6
5 11	16 13.31	−21 43.4	2.066	3.053	4.9	21.3
5 21	16 5.22	−21 27.9	2.026	3.037	1.1	21.0
5 31	15 56.77	−21 9.3	2.014	3.021	2.8	21.1
6 10	15 48.86	−20 50.1	2.030	3.005	6.5	21.3
6 20	15 42.26	−20 33.1	2.071	2.989	10.0	21.5
6 30	15 37.60	−20 20.7	2.134	2.973	13.1	21.7

232604 2003 UK_{75} 5 23.8 310°.23 2°.5/24.9 17

4 21	16 27.31	−27 54.9	1.739	2.599	14.0	19.9
5 1	16 22.16	−27 55.0	1.658	2.590	10.6	19.6
5 11	16 14.63	−27 44.0	1.599	2.581	6.7	19.4
5 21	16 5.53	−27 21.1	1.565	2.571	3.1	19.1
5 31	15 56.02	−26 47.7	1.557	2.562	3.8	19.2
6 10	15 47.31	−26 7.8	1.575	2.554	7.7	19.4
6 20	15 40.45	−25 26.2	1.618	2.545	11.7	19.6
6 30	15 36.13	−24 48.2	1.681	2.537	15.3	19.8

114899 2003 QT_{23} 5 23.8 228°.51 5°.2/20.5 18

4 21	16 26.04	− 6 9.6	2.423	3.278	10.8	20.7
5 1	16 20.45	− 5 14.6	2.342	3.266	8.3	20.5
5 11	16 13.32	− 4 23.8	2.286	3.253	6.1	20.3
5 21	16 5.22	− 3 40.8	2.257	3.239	5.2	20.3
5 31	15 56.86	− 3 9.1	2.257	3.225	6.4	20.3
6 10	15 49.01	− 2 51.0	2.283	3.211	8.7	20.4
6 20	15 42.32	− 2 47.5	2.334	3.195	11.3	20.6
6 30	15 37.30	− 2 58.3	2.406	3.179	13.7	20.7

288665 2004 PJ_{62} 5 23.8 318°.84 2°.6/24.6 17

4 21	16 26.64	−26 26.0	1.113	2.001	18.1	20.4
5 1	16 22.83	−26 29.5	1.035	1.982	13.8	20.0
5 11	16 15.58	−26 19.2	0.975	1.963	8.6	19.7
5 21	16 5.82	−25 53.9	0.936	1.945	3.4	19.3
5 31	15 55.18	−25 15.1	0.921	1.928	4.8	19.4
6 10	15 45.57	−24 28.6	0.927	1.912	10.5	19.6
6 20	15 38.57	−23 42.0	0.953	1.897	16.1	19.9
6 30	15 35.26	−23 2.9	0.996	1.882	21.0	20.1

346007 2007 TU_{221} 5 23.8 210°.29 2°.2/22.6 17

4 21	16 26.37	−15 22.7	2.223	3.088	11.2	21.8
5 1	16 20.81	−14 54.9	2.146	3.084	8.2	21.6
5 11	16 13.57	−14 26.0	2.093	3.080	4.9	21.4
5 21	16 5.27	−13 58.3	2.068	3.075	2.3	21.2
5 31	15 56.74	−13 34.1	2.071	3.070	3.9	21.3
6 10	15 48.83	−13 16.1	2.102	3.065	7.2	21.5
6 20	15 42.23	−13 6.1	2.158	3.060	10.4	21.7
6 30	15 37.50	−13 5.2	2.236	3.054	13.3	21.8

314167 2005 GX_{45} 5 23.8 33°.79 1°.0/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.57	−20 28.6	1.220	2.109	16.8	20.8
5 1	16 22.65	−20 1.3	1.167	2.118	12.2	20.6
5 11	16 14.95	−19 27.2	1.135	2.127	7.0	20.3
5 21	16 5.59	−18 49.0	1.126	2.137	1.7	20.0
5 31	15 56.02	−18 11.0	1.140	2.147	4.4	20.2
6 10	15 47.74	−17 38.5	1.179	2.158	9.6	20.6
6 20	15 41.80	−17 15.6	1.239	2.170	14.3	20.9
6 30	15 38.87	−17 4.9	1.318	2.182	18.2	21.1

249684 1999 XN_{256} 5 23.8 212°.20 2°.1/24.9 18 R

4 21	16 31.56	−28 53.7	2.107	2.948	12.7	21.5
5 1	16 24.84	−28 31.4	2.018	2.940	9.6	21.3
5 11	16 16.00	−27 56.9	1.953	2.931	6.0	21.1
5 21	16 5.82	−27 10.1	1.915	2.922	2.7	20.8
5 31	15 55.33	−26 13.3	1.907	2.911	3.3	20.8
6 10	15 45.63	−25 10.7	1.926	2.900	6.9	21.1
6 20	15 37.60	−24 7.8	1.972	2.888	10.6	21.2
6 30	15 31.87	−23 9.7	2.041	2.876	13.8	21.4

321358 2009 MK_{2} 5 23.8 15°.86 2°.1/22.9 17

4 21	16 26.00	−17 53.0	1.198	2.092	16.7	20.5
5 1	16 21.58	−17 24.9	1.143	2.095	12.2	20.2
5 11	16 14.39	−16 53.2	1.107	2.100	7.1	20.0
5 21	16 5.48	−16 21.1	1.095	2.105	2.4	19.7
5 31	15 56.30	−15 52.8	1.106	2.111	5.0	19.9
6 10	15 48.30	−15 32.8	1.140	2.118	10.1	20.2
6 20	15 42.60	−15 24.2	1.196	2.126	14.7	20.4
6 30	15 39.88	−15 28.5	1.269	2.134	18.7	20.7

16086 1999 TF_{90} 5 23.8 68°.16 0°.7/23.4 18

4 21	16 25.32	−19 43.7	2.211	3.076	11.3	18.2
5 1	16 19.99	−19 27.4	2.148	3.087	8.2	18.0
5 11	16 13.05	−19 7.8	2.111	3.099	4.7	17.8
5 21	16 5.16	−18 45.9	2.100	3.110	1.1	17.5
5 31	15 57.15	−18 24.1	2.117	3.122	2.9	17.7
6 10	15 49.85	−18 4.6	2.161	3.134	6.4	17.9
6 20	15 43.92	−17 49.7	2.232	3.146	9.6	18.2
6 30	15 39.84	−17 41.2	2.325	3.158	12.3	18.4

423213 2004 RA_{138} 5 23.8 290°.71 1°.2/24.4 18

4 21	16 27.64	−27 4.6	1.689	2.552	14.3	20.4
5 1	16 22.48	−26 20.8	1.596	2.532	10.7	20.1
5 11	16 14.86	−25 22.2	1.526	2.512	6.5	19.8
5 21	16 5.61	−24 10.0	1.481	2.491	2.1	19.5
5 31	15 55.89	−22 47.9	1.463	2.471	3.5	19.5
6 10	15 46.98	−21 22.7	1.472	2.450	8.2	19.8
6 20	15 39.92	−20 1.5	1.505	2.430	12.6	20.0
6 30	15 35.47	−18 50.8	1.559	2.410	16.5	20.2

414170 2008 AS_{97} 5 23.8 168°.46 1°.0/24.2 17

4 21	16 31.79	−24 25.1	1.974	2.826	12.9	22.8
5 1	16 24.99	−24 20.3	1.900	2.831	9.5	22.6
5 11	16 16.07	−24 7.6	1.851	2.835	5.7	22.4
5 21	16 5.84	−23 47.3	1.829	2.839	1.7	22.1
5 31	15 55.37	−23 21.0	1.835	2.842	3.1	22.2
6 10	15 45.75	−22 51.8	1.869	2.844	7.1	22.4
6 20	15 37.85	−22 23.7	1.929	2.845	10.8	22.7
6 30	15 32.30	−22 0.2	2.011	2.845	13.9	22.9

64030 2001 SQ_{168} 5 23.8 19°.84 0°.5/24.2 18

4 21	16 19.43	−23 24.1	4.166	5.014	6.8	19.6
5 1	16 15.22	−23 24.4	4.085	5.014	4.9	19.5
5 11	16 10.13	−23 21.6	4.032	5.015	2.9	19.3
5 21	16 4.52	−23 15.9	4.007	5.016	0.9	19.2
5 31	15 58.80	−23 8.1	4.011	5.017	1.6	19.2
6 10	15 53.38	−22 59.3	4.045	5.019	3.7	19.4
6 20	15 48.64	−22 50.6	4.107	5.020	5.6	19.5
6 30	15 44.89	−22 43.2	4.193	5.021	7.4	19.7

259647 2003 WX_{82} 5 23.8 217°.59 0°.8/23.6 17

4 21	16 38.04	−15 34.9	1.842	2.694	13.7	20.9
5 1	16 29.91	−16 27.6	1.756	2.687	10.1	20.6
5 11	16 19.16	−17 24.0	1.694	2.679	5.9	20.4
5 21	16 6.58	−18 22.0	1.660	2.671	1.5	20.0
5 31	15 53.33	−19 19.9	1.657	2.662	3.6	20.2
6 10	15 40.72	−20 16.4	1.682	2.652	8.1	20.4
6 20	15 29.92	−21 11.4	1.735	2.642	12.3	20.6
6 30	15 21.76	−22 5.9	1.810	2.631	15.8	20.8

255255 2005 UP_{524} 5 23.8 274°.79 0°.1/23.7 17

4 21	16 24.68	−21 59.6	2.324	3.185	10.9	21.2
5 1	16 19.60	−21 35.9	2.244	3.180	8.0	21.0
5 11	16 12.88	−21 6.6	2.188	3.175	4.6	20.8
5 21	16 5.15	−20 33.0	2.159	3.171	1.0	20.5
5 31	15 57.20	−19 57.4	2.159	3.166	2.7	20.7
6 10	15 49.86	−19 22.6	2.187	3.161	6.2	20.9
6 20	15 43.80	−18 51.7	2.240	3.156	9.5	21.1
6 30	15 39.55	−18 27.3	2.317	3.151	12.3	21.3

510864 2013 CX_{94} 5 23.8 213°.65 3°.9/21.3 18

	h m	° ′			°	m
4 21	16 24.09	− 8 45.1	2.649	3.508	9.8	21.9
5 1	16 18.92	− 8 6.2	2.573	3.502	7.4	21.7
5 11	16 12.39	− 7 30.3	2.522	3.497	5.1	21.6
5 21	16 5.04	− 7 0.1	2.499	3.491	3.9	21.5
5 31	15 57.50	− 6 38.0	2.504	3.484	5.0	21.5
6 10	15 50.45	− 6 25.9	2.537	3.478	7.3	21.7
6 20	15 44.45	− 6 24.7	2.595	3.471	9.8	21.8
6 30	15 39.96	− 6 34.5	2.675	3.464	12.1	22.0

259730 2003 YN_{97} 5 23.8 181°.78 0°.9/23.4 17

4 21	16 30.50	−19 35.5	1.893	2.756	13.0	21.6
5 1	16 24.09	−19 16.9	1.820	2.757	9.5	21.4
5 11	16 15.58	−18 53.9	1.770	2.758	5.5	21.2
5 21	16 5.76	−18 27.9	1.747	2.757	1.4	20.9
5 31	15 55.67	−18 1.2	1.752	2.757	3.5	21.1
6 10	15 46.39	−17 37.2	1.784	2.755	7.6	21.3
6 20	15 38.79	−17 18.7	1.841	2.754	11.4	21.5
6 30	15 33.51	−17 8.2	1.920	2.751	14.7	21.7

170938 2005 AT_{35} 5 23.8 172°.65 2°.9/22.5 17

4 21	16 30.34	−14 53.0	1.747	2.615	13.6	20.8
5 1	16 24.02	−14 17.5	1.679	2.618	10.0	20.6
5 11	16 15.55	−13 41.0	1.634	2.621	6.0	20.3
5 21	16 5.75	−13 6.6	1.616	2.623	3.0	20.1
5 31	15 55.71	−12 37.6	1.625	2.624	4.9	20.3
6 10	15 46.55	−12 17.3	1.661	2.624	8.8	20.5
6 20	15 39.15	−12 8.0	1.721	2.625	12.6	20.7
6 30	15 34.14	−12 10.7	1.801	2.624	15.8	20.9

289528 2005 EQ_{194} 5 23.8 358°.02 5°.6/20.7 17

4 21	16 24.07	− 9 3.1	1.745	2.622	13.2	20.5
5 1	16 19.43	− 7 55.4	1.682	2.621	10.0	20.3
5 11	16 12.88	− 6 51.1	1.642	2.620	7.0	20.1
5 21	16 5.16	− 5 55.5	1.627	2.619	5.6	20.0
5 31	15 57.24	− 5 13.4	1.639	2.619	7.1	20.1
6 10	15 50.09	− 4 48.2	1.675	2.619	10.2	20.3
6 20	15 44.50	− 4 41.1	1.733	2.620	13.4	20.5
6 30	15 41.02	− 4 51.4	1.811	2.621	16.2	20.7

501788 2014 VK_{22} 5 23.8 161°.34 0°.4/23.6 17

4 21	16 30.62	−20 56.8	1.898	2.760	13.0	23.1
5 1	16 24.13	−20 37.4	1.829	2.765	9.5	22.8
5 11	16 15.57	−20 12.4	1.783	2.771	5.5	22.6
5 21	16 5.75	−19 43.2	1.764	2.775	1.2	22.3
5 31	15 55.72	−19 12.2	1.773	2.779	3.3	22.5
6 10	15 46.56	−18 42.8	1.810	2.783	7.4	22.7
6 20	15 39.11	−18 18.3	1.872	2.785	11.2	23.0
6 30	15 33.96	−18 1.6	1.955	2.787	14.4	23.2

384422 2009 WQ_{262} 5 23.8 122°.97 2°.5/24.9 17

4 21	16 29.32	−28 31.6	1.950	2.800	13.2	21.2
5 1	16 23.27	−28 32.1	1.881	2.806	9.9	21.0
5 11	16 15.10	−28 21.8	1.834	2.813	6.3	20.7
5 21	16 5.65	−28 0.3	1.814	2.819	3.0	20.6
5 31	15 55.98	−27 29.0	1.821	2.825	3.6	20.6
6 10	15 47.19	−26 51.6	1.855	2.831	7.0	20.8
6 20	15 40.15	−26 12.5	1.915	2.837	10.5	21.0
6 30	15 35.45	−25 36.2	1.996	2.842	13.6	21.3

63614 2001 QF_{77} 5 23.8 218°.36 4°.4/21.0 18

4 21	16 27.18	−11 12.3	2.067	2.933	11.9	18.9
5 1	16 21.49	−10 2.6	1.990	2.925	8.9	18.7
5 11	16 14.01	− 8 53.1	1.938	2.917	6.0	18.5
5 21	16 5.42	− 7 48.1	1.913	2.909	4.4	18.4
5 31	15 56.57	− 6 52.4	1.916	2.900	6.0	18.5
6 10	15 48.39	− 6 9.7	1.946	2.890	9.0	18.7
6 20	15 41.62	− 5 42.3	2.000	2.880	12.2	18.8
6 30	15 36.81	− 5 31.0	2.075	2.869	14.9	19.0

243468 2009 SZ_{146} 5 23.8 185°.91 3°.7/21.7 17

4 21	16 27.51	−12 13.6	2.099	2.963	11.8	21.8
5 1	16 21.66	−11 24.2	2.027	2.963	8.7	21.6
5 11	16 14.07	−10 35.3	1.981	2.963	5.6	21.4
5 21	16 5.42	− 9 50.5	1.961	2.962	3.7	21.3
5 31	15 56.58	− 9 13.2	1.970	2.960	5.2	21.4
6 10	15 48.42	− 8 46.6	2.006	2.958	8.3	21.5
6 20	15 41.68	− 8 32.2	2.066	2.955	11.4	21.7
6 30	15 36.89	− 8 30.8	2.148	2.952	14.2	21.9

91208 1998 XO_{58} 5 23.8 110°.23 3°.3/22.7 18

4 21	16 32.26	−13 45.8	1.467	2.342	15.4	19.5
5 1	16 25.61	−13 26.1	1.414	2.355	11.3	19.3
5 11	16 16.51	−13 7.9	1.382	2.369	6.8	19.1
5 21	16 5.97	−12 53.9	1.376	2.382	3.4	18.9
5 31	15 55.27	−12 46.7	1.395	2.395	5.3	19.1
6 10	15 45.73	−12 48.7	1.441	2.407	9.6	19.3
6 20	15 38.30	−13 1.1	1.509	2.419	13.6	19.6
6 30	15 33.60	−13 24.1	1.597	2.431	17.0	19.8

55446 2001 TZ_{108} 5 23.8 318°.40 0°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.25	−23 53.8	1.946	2.811	12.5	18.6
5 1	16 20.30	−23 17.3	1.867	2.805	9.2	18.4
5 11	16 13.41	−22 31.8	1.811	2.798	5.4	18.2
5 21	16 5.30	−21 39.1	1.781	2.792	1.3	17.9
5 31	15 56.93	−20 42.6	1.779	2.786	3.0	18.0
6 10	15 49.31	−19 46.8	1.804	2.780	7.1	18.2
6 20	15 43.25	−18 56.2	1.854	2.775	10.9	18.4
6 30	15 39.32	−18 14.3	1.926	2.770	14.1	18.6

306700 2000 VB_{41} 5 23.8 210°.04 1°.1/24.5 18

4 21	16 25.91	−26 8.6	3.040	3.881	9.2	22.6
5 1	16 20.20	−25 56.6	2.949	3.873	6.8	22.4
5 11	16 13.13	−25 38.1	2.885	3.865	4.2	22.2
5 21	16 5.22	−25 13.3	2.849	3.857	1.6	22.0
5 31	15 57.12	−24 43.5	2.843	3.848	2.2	22.1
6 10	15 49.48	−24 10.9	2.866	3.839	5.0	22.2
6 20	15 42.89	−23 38.0	2.917	3.829	7.7	22.4
6 30	15 37.80	−23 7.5	2.992	3.819	10.0	22.5

11215 1999 HN_{10} 5 23.8 247°.88 0°.1/23.8 18

4 21	16 26.16	−21 59.1	2.283	3.142	11.2	18.1
5 1	16 20.75	−21 45.8	2.198	3.134	8.2	17.9
5 11	16 13.61	−21 27.1	2.138	3.125	4.8	17.6
5 21	16 5.35	−21 4.0	2.106	3.117	1.1	17.3
5 31	15 56.82	−20 38.2	2.101	3.108	2.7	17.5
6 10	15 48.87	−20 12.4	2.124	3.098	6.4	17.7
6 20	15 42.24	−19 49.3	2.173	3.089	9.8	17.9
6 30	15 37.51	−19 31.7	2.245	3.080	12.7	18.0

509094 2005 UX_{371} 5 23.8 179°.53 1°.2/24.3 17

4 21	16 27.95	−24 1.2	2.729	3.575	10.0	21.9
5 1	16 21.83	−24 25.6	2.649	3.575	7.4	21.7
5 11	16 14.15	−24 45.6	2.594	3.576	4.5	21.5
5 21	16 5.47	−25 0.6	2.567	3.576	1.6	21.3
5 31	15 56.52	−25 10.5	2.571	3.576	2.5	21.4
6 10	15 48.08	−25 16.5	2.603	3.576	5.5	21.6
6 20	15 40.81	−25 20.3	2.662	3.575	8.3	21.8
6 30	15 35.22	−25 24.0	2.746	3.574	10.8	21.9

507599 2013 CY_{5} 5 23.8 324°.65 7°.7/19.3 18

4 21	16 23.79	+ 2 11.2	2.316	3.158	11.6	21.2
5 1	16 18.81	+ 3 5.0	2.256	3.157	9.7	21.1
5 11	16 12.38	+ 3 47.7	2.220	3.157	8.1	21.0
5 21	16 5.07	+ 4 15.2	2.209	3.157	7.7	21.0
5 31	15 57.61	+ 4 24.5	2.224	3.157	8.6	21.0
6 10	15 50.74	+ 4 14.6	2.263	3.157	10.3	21.1
6 20	15 45.05	+ 3 46.5	2.325	3.157	12.4	21.3
6 30	15 41.01	+ 3 2.2	2.407	3.157	14.3	21.4

250953 2006 BL_{275} 5 23.8 327°.05 4°.5/24.8 17

4 21	16 26.80	−27 29.0	1.088	1.976	18.5	19.7
5 1	16 23.21	−28 15.9	1.010	1.955	14.3	19.4
5 11	16 15.99	−28 52.7	0.950	1.935	9.4	19.0
5 21	16 6.02	−29 15.2	0.911	1.916	5.1	18.7
5 31	15 54.94	−29 20.9	0.893	1.898	6.0	18.7
6 10	15 44.80	−29 12.2	0.897	1.881	11.1	18.9
6 20	15 37.37	−28 54.7	0.921	1.866	16.4	19.2
6 30	15 33.86	−28 36.0	0.962	1.852	21.2	19.4

264651 2001 XO_{50} 5 23.8 186°.30 1°.7/23.3 18

4 21	16 31.54	−14 59.9	1.890	2.753	13.0	20.5
5 1	16 24.91	−15 18.3	1.816	2.753	9.5	20.3
5 11	16 16.12	−15 38.3	1.766	2.752	5.6	20.1
5 21	16 5.93	−16 0.1	1.742	2.752	2.0	19.8
5 31	15 55.37	−16 24.3	1.747	2.751	3.8	20.0
6 10	15 45.55	−16 51.4	1.780	2.750	7.8	20.2
6 20	15 37.38	−17 22.2	1.838	2.748	11.5	20.4
6 30	15 31.53	−17 57.3	1.918	2.747	14.7	20.6

332170 2006 AO_{14} 5 23.8 194°.73 1°.4/24.5 18

4 21	16 29.51	−26 7.5	2.345	3.190	11.4	21.8
5 1	16 23.15	−25 58.3	2.262	3.188	8.5	21.6
5 11	16 14.98	−25 40.9	2.203	3.185	5.2	21.4
5 21	16 5.67	−25 15.4	2.173	3.181	1.9	21.1
5 31	15 56.10	−24 43.3	2.171	3.177	2.8	21.2
6 10	15 47.21	−24 7.6	2.197	3.172	6.2	21.4
6 20	15 39.74	−23 31.9	2.251	3.166	9.5	21.6
6 30	15 34.26	−22 59.6	2.328	3.159	12.4	21.8

246637 2008 XF_{30} 5 23.8 274°.70 6°.3/21.8 16

4 21	16 30.41	− 8 1.8	1.376	2.253	16.0	20.2
5 1	16 24.82	− 7 29.1	1.297	2.236	12.3	19.9
5 11	16 16.42	− 7 3.1	1.239	2.219	8.5	19.7
5 21	16 6.05	− 6 48.7	1.205	2.201	6.3	19.5
5 31	15 55.01	− 6 50.2	1.195	2.183	8.1	19.5
6 10	15 44.75	− 7 10.0	1.209	2.165	12.1	19.7
6 20	15 36.52	− 7 48.3	1.244	2.147	16.4	19.9
6 30	15 31.22	− 8 43.3	1.298	2.129	20.3	20.1

255121 2005 UW_{113} 5 23.8 287°.74 0°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.80	−22 36.7	2.250	3.110	11.3	20.9
5 1	16 20.64	−22 30.6	2.154	3.090	8.3	20.7
5 11	16 13.63	−22 18.9	2.083	3.070	4.9	20.4
5 21	16 5.39	−22 2.2	2.039	3.049	1.2	20.1
5 31	15 56.75	−21 41.8	2.022	3.029	2.8	20.2
6 10	15 48.62	−21 20.1	2.034	3.009	6.5	20.4
6 20	15 41.79	−21 0.1	2.070	2.989	10.0	20.6
6 30	15 36.90	−20 44.5	2.130	2.968	13.1	20.8

57618 2001 TN_{142} 5 23.8 97°.82 1°.3/23.3 18

4 21	16 30.38	−17 22.2	1.726	2.595	13.7	19.5
5 1	16 24.05	−17 21.4	1.667	2.607	10.0	19.3
5 11	16 15.57	−17 19.2	1.632	2.620	5.8	19.1
5 21	16 5.79	−17 16.5	1.622	2.632	1.7	18.9
5 31	15 55.84	−17 14.9	1.640	2.644	3.7	19.0
6 10	15 46.83	−17 16.4	1.684	2.656	7.9	19.3
6 20	15 39.65	−17 22.9	1.753	2.668	11.7	19.6
6 30	15 34.87	−17 35.9	1.843	2.680	14.9	19.8

499663 2010 VT_{133} 5 23.8 249°.29 0°.4/23.6 17

4 21	16 31.16	−20 20.2	1.859	2.720	13.2	22.5
5 1	16 24.89	−20 13.3	1.765	2.702	9.7	22.2
5 11	16 16.27	−20 1.6	1.695	2.683	5.7	21.9
5 21	16 6.00	−19 45.7	1.652	2.663	1.3	21.6
5 31	15 55.17	−19 27.3	1.636	2.642	3.5	21.7
6 10	15 44.95	−19 9.3	1.648	2.621	8.0	21.9
6 20	15 36.40	−18 54.8	1.684	2.599	12.1	22.1
6 30	15 30.28	−18 47.1	1.742	2.576	15.8	22.3

204592 2005 GC_{107} 5 23.8 56°.44 0°.8/24.2 17

4 21	16 27.29	−23 36.6	1.997	2.858	12.4	21.1
5 1	16 21.76	−23 33.6	1.923	2.858	9.2	20.9
5 11	16 14.26	−23 24.0	1.873	2.859	5.4	20.7
5 21	16 5.52	−23 8.1	1.849	2.859	1.5	20.4
5 31	15 56.51	−22 47.6	1.852	2.859	2.9	20.5
6 10	15 48.25	−22 25.2	1.883	2.859	6.9	20.8
6 20	15 41.55	−22 4.1	1.938	2.859	10.5	21.0
6 30	15 37.02	−21 47.5	2.016	2.860	13.6	21.2

247406 2002 CN_{47} 5 23.8 206°.63 5°.9/27.3 18

4 21	16 29.73	−40 33.8	2.524	3.319	12.2	20.3
5 1	16 23.51	−40 56.5	2.441	3.316	10.1	20.2
5 11	16 15.27	−41 4.0	2.381	3.314	7.9	20.0
5 21	16 5.74	−40 53.9	2.346	3.311	6.3	19.9
5 31	15 55.92	−40 25.9	2.337	3.308	6.0	19.9
6 10	15 46.85	−39 42.6	2.355	3.305	7.4	20.0
6 20	15 39.35	−38 48.4	2.399	3.301	9.5	20.1
6 30	15 34.07	−37 48.9	2.467	3.298	11.8	20.3

294858 2008 CO_{193} 5 23.8 253°.23 5°.3/20.7 18

4 21	16 24.23	− 5 48.7	2.298	3.158	11.1	21.1
5 1	16 19.21	− 5 2.8	2.225	3.151	8.6	20.9
5 11	16 12.66	− 4 22.4	2.177	3.145	6.3	20.8
5 21	16 5.16	− 3 50.8	2.155	3.138	5.3	20.7
5 31	15 57.44	− 3 31.3	2.161	3.132	6.4	20.7
6 10	15 50.28	− 3 25.6	2.192	3.125	8.8	20.9
6 20	15 44.31	− 3 34.3	2.248	3.118	11.4	21.0
6 30	15 40.04	− 3 56.7	2.325	3.111	13.8	21.2

368091 2012 XC_{140} 5 23.8 294°.05 0°.7/23.5 17

4 21	16 26.41	−19 27.2	1.953	2.821	12.4	21.3
5 1	16 21.18	−19 16.7	1.873	2.813	9.0	21.1
5 11	16 13.96	−19 2.7	1.817	2.806	5.2	20.9
5 21	16 5.47	−18 46.2	1.787	2.798	1.3	20.6
5 31	15 56.63	−18 29.1	1.784	2.790	3.3	20.7
6 10	15 48.47	−18 14.2	1.809	2.783	7.3	20.9
6 20	15 41.82	−18 4.0	1.858	2.775	11.0	21.1
6 30	15 37.31	−18 0.6	1.929	2.768	14.3	21.3

182890 2002 CZ_{301} 5 23.8 192°.19 4°.4/21.2 18

4 21	16 24.68	− 6 10.8	2.703	3.556	9.8	20.4
5 1	16 19.32	− 5 41.9	2.631	3.554	7.5	20.2
5 11	16 12.63	− 5 18.1	2.584	3.553	5.4	20.1
5 21	16 5.15	− 5 1.6	2.565	3.551	4.4	20.0
5 31	15 57.50	− 4 54.6	2.574	3.548	5.3	20.0
6 10	15 50.34	− 4 58.2	2.611	3.546	7.5	20.2
6 20	15 44.22	− 5 12.8	2.673	3.542	9.8	20.3
6 30	15 39.58	− 5 37.8	2.757	3.539	11.9	20.5

350757 2002 AT_{45} 5 23.8 112°.50 0°.7/23.4 17

4 21	16 25.73	−19 24.2	2.428	3.288	10.6	21.4
5 1	16 20.19	−19 6.7	2.362	3.299	7.6	21.2
5 11	16 13.16	−18 46.0	2.321	3.309	4.4	21.0
5 21	16 5.26	−18 23.6	2.308	3.319	1.1	20.8
5 31	15 57.24	−18 1.2	2.324	3.329	2.8	20.9
6 10	15 49.86	−17 41.2	2.368	3.339	6.1	21.2
6 20	15 43.74	−17 25.6	2.438	3.348	9.1	21.4
6 30	15 39.34	−17 16.1	2.531	3.358	11.7	21.6

17514 1992 UA_1 5 23.8 167°.10 5°.9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.58	−37 42.3	2.244	3.050	13.2	18.7
5 1	16 27.24	−38 27.9	2.168	3.054	10.7	18.6
5 11	16 17.53	−38 59.2	2.115	3.058	8.2	18.4
5 21	16 6.27	−39 12.6	2.088	3.061	6.3	18.3
5 31	15 54.61	−39 7.1	2.088	3.064	6.2	18.3
6 10	15 43.76	−38 44.6	2.115	3.066	8.0	18.4
6 20	15 34.75	−38 9.9	2.167	3.068	10.5	18.6
6 30	15 28.27	−37 28.9	2.242	3.069	13.0	18.7

261324 2005 UX_{220} 5 23.8 237°.91 2°.6/25.1 17

4 21	16 27.33	−28 56.3	2.432	3.274	11.2	21.0
5 1	16 21.63	−29 14.5	2.350	3.270	8.5	20.8
5 11	16 14.15	−29 24.3	2.291	3.266	5.6	20.6
5 21	16 5.51	−29 24.9	2.260	3.262	3.0	20.4
5 31	15 56.57	−29 16.4	2.257	3.258	3.4	20.5
6 10	15 48.21	−29 0.9	2.281	3.254	6.1	20.6
6 20	15 41.21	−28 41.1	2.332	3.249	9.1	20.8
6 30	15 36.13	−28 20.7	2.406	3.245	11.8	21.0

218590 2005 LJ_{40} 5 23.8 300°.43 1°.4/23.2 18 R

4 21	16 27.27	−19 12.5	1.467	2.348	15.0	20.3
5 1	16 22.50	−18 47.9	1.381	2.328	11.1	20.0
5 11	16 15.07	−18 17.7	1.317	2.307	6.5	19.7
5 21	16 5.79	−17 43.8	1.277	2.287	1.8	19.4
5 31	15 55.86	−17 9.8	1.262	2.267	4.4	19.5
6 10	15 46.69	−16 40.1	1.272	2.248	9.5	19.7
6 20	15 39.47	−16 18.9	1.304	2.229	14.2	19.9
6 30	15 35.04	−16 9.4	1.356	2.210	18.3	20.1

382197 2012 OO_2 5 23.8 348°.60 8°.9/27.7 18

4 21	16 28.62	−40 32.7	1.425	2.258	18.1	19.5
5 1	16 24.02	−41 12.9	1.353	2.251	15.0	19.3
5 11	16 16.12	−41 29.9	1.300	2.246	11.9	19.0
5 21	16 6.02	−41 18.5	1.268	2.241	9.5	18.9
5 31	15 55.33	−40 37.3	1.258	2.237	9.0	18.9
6 10	15 45.89	−39 31.1	1.272	2.234	11.0	19.0
6 20	15 39.09	−38 8.6	1.307	2.232	14.1	19.1
6 30	15 35.76	−36 40.3	1.361	2.231	17.4	19.3

225327 1998 KN_{58} 5 23.8 24°.04 0°.3/23.8 18

4 21	16 32.99	−17 15.3	1.320	2.198	16.5	18.6
5 1	16 26.69	−18 30.6	1.263	2.207	12.1	18.4
5 11	16 17.45	−19 48.7	1.228	2.218	7.0	18.1
5 21	16 6.29	−21 5.8	1.218	2.229	1.6	17.8
5 31	15 54.68	−22 18.5	1.234	2.242	3.9	18.0
6 10	15 44.20	−23 25.1	1.276	2.255	9.1	18.3
6 20	15 36.09	−24 25.7	1.341	2.269	13.6	18.6
6 30	15 31.15	−25 22.1	1.426	2.284	17.4	18.9

164640 1995 GN_4 5 23.8 119°.21 0°.6/23.6 17

4 21	16 32.11	−19 54.0	1.562	2.432	14.9	20.4
5 1	16 25.55	−19 48.8	1.502	2.443	10.8	20.2
5 11	16 16.54	−19 39.2	1.465	2.454	6.2	20.0
5 21	16 6.05	−19 26.0	1.453	2.464	1.4	19.7
5 31	15 55.35	−19 11.3	1.468	2.474	3.7	19.8
6 10	15 45.72	−18 58.3	1.508	2.484	8.4	20.1
6 20	15 38.16	−18 50.1	1.573	2.493	12.5	20.4
6 30	15 33.30	−18 49.1	1.659	2.502	16.0	20.7

39324 2001 WZ_{86} 5 23.8 221°.30 2°.4/22.9 17

4 21	16 31.43	−15 13.0	1.656	2.525	14.2	19.0
5 1	16 25.13	−15 1.2	1.578	2.518	10.4	18.8
5 11	16 16.39	−14 49.3	1.524	2.511	6.2	18.5
5 21	16 6.05	−14 39.1	1.495	2.503	2.6	18.2
5 31	15 55.26	−14 32.8	1.493	2.495	4.6	18.4
6 10	15 45.27	−14 32.9	1.518	2.486	9.0	18.6
6 20	15 37.12	−14 41.3	1.566	2.477	13.1	18.8
6 30	15 31.56	−14 59.1	1.635	2.468	16.7	19.0

102877 1999 WV_{13} 5 23.8 345°.27 0°.9/24.0 17

4 21	16 30.34	−21 25.9	1.352	2.231	16.2	19.7
5 1	16 24.86	−21 54.8	1.283	2.227	11.9	19.4
5 11	16 16.47	−22 19.6	1.235	2.224	7.1	19.1
5 21	16 6.10	−22 39.1	1.211	2.222	1.9	18.8
5 31	15 55.16	−22 53.1	1.212	2.220	3.9	18.9
6 10	15 45.23	−23 3.4	1.237	2.218	9.1	19.2
6 20	15 37.56	−23 13.1	1.285	2.217	13.9	19.5
6 30	15 33.01	−23 25.4	1.353	2.216	17.9	19.7

426392 2013 PW_{26} 5 23.8 267°.81 3°.8/25.3 18

4 21	16 30.84	−30 27.0	1.710	2.559	14.7	21.0
5 1	16 25.02	−30 38.6	1.620	2.543	11.4	20.8
5 11	16 16.50	−30 37.0	1.552	2.527	7.6	20.5
5 21	16 6.11	−30 20.1	1.509	2.510	4.3	20.3
5 31	15 55.11	−29 48.3	1.492	2.494	4.6	20.3
6 10	15 44.90	−29 5.2	1.501	2.476	8.4	20.4
6 20	15 36.68	−28 16.5	1.534	2.459	12.4	20.6
6 30	15 31.28	−27 28.7	1.588	2.442	16.1	20.8

131099 2001 AP_{13} 5 23.8 36°.19 4°.6/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.04	− 9 57.8	1.628	2.503	14.0	19.1
5 1	16 21.72	− 9 35.1	1.570	2.510	10.5	18.9
5 11	16 14.29	− 9 17.5	1.534	2.516	6.9	18.7
5 21	16 5.58	− 9 8.0	1.523	2.523	4.6	18.6
5 31	15 56.66	− 9 9.4	1.538	2.530	6.1	18.7
6 10	15 48.64	− 9 23.1	1.579	2.538	9.5	18.9
6 20	15 42.36	− 9 49.0	1.642	2.546	13.0	19.2
6 30	15 38.41	−10 26.5	1.726	2.554	16.1	19.4

403206 2008 TA_8 5 23.8 339°.73 3°.0/24.3 17

4 21	16 25.63	−23 39.3	0.906	1.810	19.7	20.3
5 1	16 22.63	−24 29.8	0.839	1.795	14.9	19.9
5 11	16 15.78	−25 14.8	0.790	1.782	9.3	19.6
5 21	16 6.05	−25 50.5	0.760	1.770	3.7	19.2
5 31	15 55.25	−26 14.6	0.751	1.759	5.5	19.2
6 10	15 45.61	−26 28.8	0.762	1.750	11.6	19.5
6 20	15 38.97	−26 37.3	0.791	1.743	17.4	19.8
6 30	15 36.52	−26 45.8	0.836	1.738	22.5	20.1

319789 2006 UJ_{336} 5 23.8 351°.78 1°.6/24.3 17

4 21	16 25.42	−23 54.3	1.157	2.048	17.4	19.8
5 1	16 21.61	−24 4.3	1.092	2.042	12.9	19.5
5 11	16 14.72	−24 5.1	1.045	2.036	7.8	19.2
5 21	16 5.74	−23 56.3	1.021	2.031	2.5	18.9
5 31	15 56.20	−23 39.5	1.020	2.028	4.2	19.0
6 10	15 47.79	−23 19.1	1.041	2.026	9.7	19.3
6 20	15 41.82	−23 0.2	1.083	2.025	14.8	19.5
6 30	15 39.15	−22 47.5	1.143	2.025	19.1	19.8

427343 2014 WC_{353} 5 23.8 68°.22 2°.8/22.9 17

4 21	16 30.49	−14 22.8	1.492	2.368	15.0	20.2
5 1	16 24.25	−14 10.6	1.445	2.388	11.0	20.0
5 11	16 15.72	−13 59.8	1.421	2.409	6.5	19.8
5 21	16 5.89	−13 52.3	1.421	2.429	3.0	19.6
5 31	15 55.99	−13 50.5	1.448	2.449	4.9	19.8
6 10	15 47.23	−13 56.3	1.500	2.469	9.0	20.0
6 20	15 40.51	−14 10.7	1.575	2.489	12.9	20.3
6 30	15 36.39	−14 34.2	1.671	2.509	16.1	20.6

409414 2005 GE_{176} 5 23.8 90°.37 3°.5/22.6 17

4 21	16 30.38	−13 18.8	1.521	2.396	14.9	21.0
5 1	16 24.19	−12 52.8	1.469	2.411	10.9	20.8
5 11	16 15.71	−12 28.6	1.438	2.425	6.7	20.6
5 21	16 5.89	−12 9.1	1.433	2.439	3.6	20.5
5 31	15 55.95	−11 57.4	1.454	2.453	5.4	20.6
6 10	15 47.09	−11 55.8	1.501	2.466	9.4	20.9
6 20	15 40.21	−12 5.4	1.571	2.480	13.2	21.1
6 30	15 35.90	−12 26.4	1.660	2.493	16.5	21.4

102132 1999 RH_{180} 5 23.8 201°.24 2°.7/22.8 18

4 21	16 30.73	−14 7.8	1.836	2.701	13.2	19.9
5 1	16 24.37	−13 52.1	1.760	2.698	9.7	19.7
5 11	16 15.85	−13 37.0	1.709	2.694	5.9	19.5
5 21	16 5.96	−13 24.5	1.683	2.690	2.8	19.3
5 31	15 55.72	−13 16.9	1.686	2.685	4.6	19.4
6 10	15 46.23	−13 16.4	1.715	2.680	8.5	19.6
6 20	15 38.41	−13 24.5	1.769	2.674	12.2	19.8
6 30	15 32.92	−13 42.0	1.844	2.668	15.5	20.0

129877 1999 SP_2 5 23.8 288°.66 17°.8/26.6 18

4 21	16 47.51	−59 3.7	1.671	2.373	20.8	19.4
5 1	16 40.74	−61 20.0	1.585	2.348	19.6	19.2
5 11	16 27.69	−63 11.2	1.514	2.323	18.6	19.1
5 21	16 8.99	−64 23.4	1.461	2.297	17.9	19.0
5 31	15 47.27	−64 44.8	1.426	2.272	17.9	18.9
6 10	15 26.68	−64 13.0	1.408	2.246	18.6	18.9
6 20	15 10.96	−62 55.9	1.408	2.220	19.9	18.9
6 30	15 2.14	−61 8.1	1.423	2.194	21.6	18.9

437091 2012 UK_{83} 5 23.8 310°.08 6°.1/25.0 16

4 21	16 31.38	−32 7.3	1.637	2.484	15.4	20.8
5 1	16 25.93	−33 17.7	1.540	2.458	12.3	20.5
5 11	16 17.37	−34 18.9	1.465	2.431	8.9	20.3
5 21	16 6.41	−35 5.6	1.414	2.405	6.4	20.0
5 31	15 54.34	−35 33.6	1.388	2.379	6.7	20.0
6 10	15 42.78	−35 42.8	1.387	2.353	9.9	20.1
6 20	15 33.23	−35 36.9	1.409	2.328	13.7	20.3
6 30	15 26.86	−35 22.3	1.451	2.303	17.4	20.4

502388 2015 BC_{246} 5 23.8 210°.16 1°.7/23.0 17

4 21	16 29.19	−17 32.4	1.922	2.788	12.7	22.3
5 1	16 23.20	−17 7.1	1.844	2.783	9.3	22.1
5 11	16 15.15	−16 38.7	1.790	2.778	5.4	21.8
5 21	16 5.81	−16 9.4	1.762	2.772	1.9	21.6
5 31	15 56.15	−15 41.7	1.763	2.766	3.9	21.7
6 10	15 47.22	−15 19.0	1.790	2.759	7.8	21.9
6 20	15 39.88	−15 3.7	1.843	2.752	11.6	22.1
6 30	15 34.75	−14 57.8	1.917	2.744	14.8	22.3

444090 2004 TW_{10} 5 23.8 228.°78 5.°2/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 35.95	−36 31.0	1.271	2.116	19.1	20.8
5 1	16 29.35	−35 46.5	1.193	2.110	15.1	20.5
5 11	16 19.17	−34 31.9	1.133	2.103	10.5	20.3
5 21	16 6.73	−32 45.4	1.097	2.095	6.2	20.0
5 31	15 53.91	−30 31.7	1.085	2.087	5.9	19.9
6 10	15 42.67	−28 2.9	1.099	2.079	10.1	20.1
6 20	15 34.42	−25 34.0	1.137	2.070	15.1	20.4
6 30	15 29.92	−23 18.6	1.195	2.061	19.5	20.6

353735 2011 WL_{150} 5 23.8 268.°60 4.°3/21.6 18

4 21	16 24.79	− 8 15.8	2.307	3.169	11.0	20.4
5 1	16 19.68	− 7 46.6	2.229	3.160	8.3	20.2
5 11	16 13.00	− 7 21.7	2.177	3.152	5.7	20.0
5 21	16 5.33	− 7 3.7	2.151	3.144	4.3	19.9
5 31	15 57.41	− 6 55.2	2.152	3.135	5.5	20.0
6 10	15 50.03	− 6 57.7	2.181	3.127	8.1	20.1
6 20	15 43.83	− 7 11.8	2.234	3.118	10.9	20.3
6 30	15 39.35	− 7 37.2	2.309	3.110	13.4	20.5

320564 2008 AG_{82} 5 23.8 25.°57 1.°0/24.1 17

4 21	16 29.19	−22 25.5	1.257	2.140	16.8	20.0
5 1	16 24.03	−22 41.5	1.199	2.145	12.4	19.8
5 11	16 15.95	−22 50.9	1.162	2.152	7.3	19.5
5 21	16 6.02	−22 53.1	1.148	2.159	2.0	19.2
5 31	15 55.72	−22 49.2	1.158	2.166	4.0	19.4
6 10	15 46.64	−22 42.6	1.192	2.174	9.2	19.7
6 20	15 39.94	−22 37.1	1.249	2.183	13.9	20.0
6 30	15 36.39	−22 36.5	1.324	2.193	17.8	20.2

312848 2011 UE_{78} 5 23.8 217.°59 0.°4/23.6 16

4 21	16 25.20	−21 36.4	2.420	3.279	10.6	21.1
5 1	16 19.94	−21 2.6	2.340	3.276	7.7	20.9
5 11	16 13.12	−20 23.1	2.285	3.272	4.5	20.7
5 21	16 5.35	−19 39.6	2.258	3.269	1.0	20.4
5 31	15 57.39	−18 54.7	2.259	3.265	2.7	20.5
6 10	15 50.03	−18 11.6	2.289	3.261	6.1	20.7
6 20	15 43.92	−17 33.4	2.345	3.257	9.3	20.9
6 30	15 39.55	−17 2.6	2.424	3.252	12.0	21.1

198668 2005 BV_{25} 5 23.8 128.°35 0.°1/23.8 17

4 21	16 28.16	−22 16.5	2.216	3.072	11.6	21.4
5 1	16 22.12	−21 58.8	2.150	3.084	8.4	21.2
5 11	16 14.37	−21 35.5	2.108	3.095	4.9	21.0
5 21	16 5.62	−21 7.5	2.094	3.105	1.1	20.7
5 31	15 56.75	−20 37.2	2.109	3.116	2.7	20.9
6 10	15 48.63	−20 7.3	2.152	3.126	6.4	21.1
6 20	15 41.96	−19 40.8	2.221	3.135	9.6	21.3
6 30	15 37.25	−19 20.3	2.312	3.144	12.4	21.5

293769 2007 RG_{98} 5 23.8 266.°98 2.°1/22.8 17

4 21	16 26.44	−15 57.2	1.999	2.868	12.1	20.8
5 1	16 21.13	−15 35.3	1.921	2.861	8.9	20.6
5 11	16 13.95	−15 12.2	1.867	2.855	5.3	20.4
5 21	16 5.56	−14 49.8	1.840	2.848	2.2	20.2
5 31	15 56.87	−14 30.8	1.840	2.841	4.0	20.3
6 10	15 48.84	−14 17.6	1.867	2.835	7.7	20.5
6 20	15 42.25	−14 12.2	1.919	2.828	11.2	20.7
6 30	15 37.71	−14 16.0	1.992	2.821	14.3	20.9

434745 2006 GF_{54} 5 23.8 11.°12 1.°4/24.3 17

4 21	16 28.97	−23 33.5	1.770	2.635	13.6	21.0
5 1	16 23.29	−23 54.4	1.699	2.635	10.1	20.8
5 11	16 15.32	−24 9.5	1.650	2.636	6.1	20.6
5 21	16 5.88	−24 17.9	1.627	2.637	2.0	20.3
5 31	15 56.06	−24 19.9	1.631	2.638	3.3	20.4
6 10	15 47.06	−24 17.7	1.662	2.639	7.5	20.7
6 20	15 39.85	−24 14.2	1.717	2.641	11.4	20.9
6 30	15 35.10	−24 12.7	1.793	2.643	14.7	21.1

42659 1998 FR_{121} 5 23.8 136.°15 0.°2/23.9 18

4 21	16 30.27	−22 47.5	1.547	2.417	14.9	19.3
5 1	16 24.36	−22 27.5	1.480	2.420	11.0	19.1
5 11	16 15.96	−21 59.2	1.436	2.424	6.4	18.8
5 21	16 6.02	−21 23.9	1.416	2.427	1.5	18.5
5 31	15 55.80	−20 44.6	1.423	2.430	3.6	18.6
6 10	15 46.62	−20 6.0	1.456	2.433	8.4	18.9
6 20	15 39.48	−19 32.6	1.512	2.436	12.7	19.2
6 30	15 35.06	−19 8.3	1.589	2.439	16.3	19.4

62890 2000 UZ_{99} 5 23.8 286.°05 1.°3/24.6 17

4 21	16 25.64	−26 35.8	2.219	3.073	11.7	19.0
5 1	16 20.49	−26 10.0	2.134	3.064	8.7	18.8
5 11	16 13.55	−25 34.5	2.073	3.056	5.3	18.5
5 21	16 5.48	−24 50.3	2.038	3.047	1.9	18.3
5 31	15 57.16	−23 59.7	2.032	3.039	2.8	18.3
6 10	15 49.50	−23 6.5	2.054	3.030	6.4	18.6
6 20	15 43.25	−22 14.9	2.101	3.022	9.8	18.8
6 30	15 38.97	−21 28.8	2.171	3.014	12.8	18.9

489959 2008 SN_6 5 23.8 213.°04 3.°8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 31.93	−31 34.0	2.300	3.129	12.2	22.0
5 1	16 25.23	−32 6.1	2.213	3.123	9.4	21.8
5 11	16 16.40	−32 28.1	2.150	3.116	6.5	21.6
5 21	16 6.15	−32 37.9	2.113	3.108	4.2	21.5
5 31	15 55.45	−32 34.8	2.105	3.100	4.4	21.5
6 10	15 45.38	−32 20.5	2.125	3.092	6.9	21.6
6 20	15 36.85	−31 58.6	2.171	3.083	9.9	21.8
6 30	15 30.56	−31 33.5	2.240	3.073	12.7	21.9

291971 2006 QC_{77} 5 23.8 125.°06 4.°7/26.6 18

4 21	16 30.01	−36 17.5	2.394	3.209	12.2	20.6
5 1	16 23.64	−36 34.5	2.323	3.218	9.7	20.4
5 11	16 15.34	−36 37.7	2.275	3.228	7.1	20.3
5 21	16 5.88	−36 25.8	2.254	3.237	5.1	20.1
5 31	15 56.22	−35 59.0	2.259	3.246	5.0	20.1
6 10	15 47.36	−35 20.1	2.293	3.254	6.8	20.3
6 20	15 40.10	−34 33.7	2.352	3.263	9.3	20.4
6 30	15 34.99	−33 44.6	2.434	3.271	11.8	20.6

392829 2012 TL_{305} 5 23.8 245.°12 1.°8/23.0 18

4 21	16 28.10	−15 23.7	2.228	3.089	11.3	21.2
5 1	16 22.26	−15 18.9	2.141	3.077	8.3	21.0
5 11	16 14.60	−15 14.1	2.078	3.064	5.0	20.7
5 21	16 5.74	−15 10.5	2.042	3.051	2.0	20.5
5 31	15 56.51	−15 9.5	2.036	3.037	3.6	20.6
6 10	15 47.81	−15 12.8	2.057	3.023	7.1	20.8
6 20	15 40.42	−15 21.8	2.103	3.009	10.5	21.0
6 30	15 34.95	−15 37.5	2.173	2.995	13.5	21.1

377666 2005 UE_{260} 5 23.8 230.°23 0.°4/23.9 16

4 21	16 32.87	−21 44.8	1.478	2.348	15.5	22.2
5 1	16 26.61	−21 49.5	1.400	2.340	11.5	21.9
5 11	16 17.48	−21 48.1	1.344	2.332	6.8	21.6
5 21	16 6.42	−21 40.5	1.313	2.324	1.6	21.2
5 31	15 54.77	−21 27.9	1.308	2.316	3.8	21.4
6 10	15 44.05	−21 13.6	1.329	2.306	9.0	21.6
6 20	15 35.49	−21 1.5	1.373	2.297	13.7	21.9
6 30	15 29.93	−20 55.6	1.437	2.287	17.7	22.1

278340 2007 HS_{97} 5 23.8 115.°38 1.°7/22.7 18

4 21	16 28.22	−21 14.2	1.837	2.704	13.1	20.1
5 1	16 22.39	−19 46.3	1.769	2.709	9.5	19.9
5 11	16 14.60	−18 9.2	1.725	2.713	5.5	19.7
5 21	16 5.71	−16 27.6	1.708	2.718	1.8	19.5
5 31	15 56.72	−14 47.9	1.721	2.723	4.1	19.6
6 10	15 48.67	−13 16.8	1.761	2.727	8.1	19.9
6 20	15 42.32	−11 59.5	1.826	2.732	11.8	20.1
6 30	15 38.19	−10 59.3	1.913	2.736	15.0	20.3

99557 2002 EE_{146} 5 23.8 295.°90 11.°4/16.3 18

4 21	16 25.84	+ 5 1.0	1.730	2.575	14.8	19.2
5 1	16 21.08	+ 6 39.6	1.649	2.545	12.9	19.0
5 11	16 14.13	+ 8 5.5	1.589	2.514	11.6	18.8
5 21	16 5.67	+ 9 10.4	1.552	2.483	11.6	18.7
5 31	15 56.65	+ 9 47.1	1.538	2.452	13.0	18.7
6 10	15 48.17	+ 9 52.0	1.546	2.421	15.3	18.8
6 20	15 41.19	+ 9 25.4	1.573	2.390	17.9	18.9
6 30	15 36.45	+ 8 30.5	1.616	2.359	20.5	19.0

417052 2005 UL_{181} 5 23.8 62.°04 1.°9/22.8 17

4 21	16 27.61	−19 46.1	1.573	2.450	14.4	20.4
5 1	16 22.14	−18 41.6	1.519	2.464	10.4	20.2
5 11	16 14.52	−17 30.8	1.488	2.478	6.0	20.0
5 21	16 5.69	−16 17.9	1.482	2.492	2.1	19.8
5 31	15 56.81	−15 8.5	1.503	2.506	4.3	20.0
6 10	15 49.00	−14 8.3	1.550	2.521	8.6	20.2
6 20	15 43.10	−13 21.2	1.620	2.535	12.5	20.5
6 30	15 39.62	−12 49.6	1.711	2.550	15.8	20.8

24691 1990 RH_3 5 23.8 282.°46 4.°8/21.0 18

4 21	16 24.33	− 9 2.1	2.120	2.988	11.6	17.3
5 1	16 19.49	− 8 7.8	2.043	2.977	8.8	17.1
5 11	16 12.96	− 7 16.2	1.990	2.966	6.1	16.9
5 21	16 5.37	− 6 31.1	1.963	2.955	4.8	16.8
5 31	15 57.51	− 5 56.5	1.964	2.944	6.1	16.9
6 10	15 50.24	− 5 35.2	1.990	2.934	8.9	17.0
6 20	15 44.24	− 5 28.5	2.041	2.923	11.9	17.2
6 30	15 40.08	− 5 36.3	2.112	2.912	14.5	17.4

245504 2005 QC_{169} 5 23.8 263.°42 0.°6/24.2 18

4 21	16 25.54	−24 42.7	2.298	3.154	11.2	20.0
5 1	16 20.33	−24 10.9	2.214	3.147	8.3	19.8
5 11	16 13.42	−23 30.8	2.154	3.139	4.9	19.6
5 21	16 5.47	−22 43.7	2.122	3.132	1.3	19.3
5 31	15 57.29	−21 52.3	2.118	3.125	2.6	19.4
6 10	15 49.74	−21 0.3	2.142	3.118	6.2	19.6
6 20	15 43.53	−20 11.4	2.192	3.110	9.6	19.8
6 30	15 39.20	−19 29.1	2.266	3.103	12.5	20.0

173877 2001 UY_{24} 5 23.8 69°.58 1°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.70	−20 44.7	2.145	3.004	11.8	19.4
5 1	16 22.24	−19 25.9	2.101	3.037	8.4	19.2
5 11	16 14.29	−18 1.8	2.082	3.070	4.8	19.0
5 21	16 5.61	−16 36.5	2.093	3.103	1.6	18.9
5 31	15 57.08	−15 14.6	2.133	3.135	3.4	19.1
6 10	15 49.51	−14 0.9	2.202	3.167	6.8	19.3
6 20	15 43.47	−12 58.9	2.297	3.198	9.9	19.6
6 30	15 39.35	−12 10.4	2.415	3.230	12.5	19.8

394292 2006 VM_{34} 5 23.8 129°.27 1°.4/24.5 18

4 21	16 28.48	−25 21.7	2.895	3.735	9.6	22.1
5 1	16 22.10	−25 38.0	2.827	3.750	7.1	22.0
5 11	16 14.30	−25 48.8	2.785	3.765	4.4	21.8
5 21	16 5.66	−25 53.8	2.771	3.779	1.7	21.6
5 31	15 56.87	−25 53.3	2.788	3.792	2.4	21.7
6 10	15 48.65	−25 48.8	2.833	3.806	5.1	21.9
6 20	15 41.59	−25 42.3	2.907	3.818	7.7	22.1
6 30	15 36.14	−25 36.0	3.004	3.831	10.0	22.3

203038 2000 CE_{113} 5 23.8 173°.74 3°.3/21.9 18

4 21	16 26.94	−10 34.8	2.537	3.393	10.3	21.1
5 1	16 21.06	−10 6.2	2.466	3.396	7.7	21.0
5 11	16 13.74	− 9 40.0	2.420	3.399	5.0	20.8
5 21	16 5.54	− 9 18.3	2.403	3.401	3.4	20.7
5 31	15 57.19	− 9 3.5	2.414	3.402	4.5	20.8
6 10	15 49.40	− 8 57.1	2.453	3.403	7.1	20.9
6 20	15 42.77	− 9 0.0	2.518	3.403	9.8	21.1
6 30	15 37.77	− 9 12.4	2.606	3.403	12.2	21.3

502234 2015 BS_{90} 5 23.8 179°.97 7°.4/19.8 17

4 21	16 27.55	− 0 37.3	2.124	2.970	12.4	21.5
5 1	16 21.70	+ 0 22.5	2.062	2.972	10.0	21.4
5 11	16 14.17	+ 1 12.5	2.024	2.973	8.1	21.3
5 21	16 5.65	+ 1 48.3	2.011	2.973	7.4	21.2
5 31	15 56.94	+ 2 6.2	2.025	2.973	8.4	21.3
6 10	15 48.91	+ 2 4.9	2.065	2.972	10.6	21.4
6 20	15 42.24	+ 1 44.8	2.127	2.971	13.0	21.6
6 30	15 37.44	+ 1 7.9	2.210	2.969	15.2	21.7

472389 2015 BF_{130} 5 23.8 129°.70 12°.3/18.7 16

4 21	16 28.48	+11 31.6	1.825	2.637	15.5	21.7
5 1	16 22.56	+12 34.0	1.778	2.641	13.8	21.5
5 11	16 14.73	+13 14.6	1.751	2.644	12.6	21.5
5 21	16 5.77	+13 27.6	1.746	2.648	12.3	21.5
5 31	15 56.68	+13 9.9	1.764	2.651	13.0	21.5
6 10	15 48.43	+12 22.1	1.804	2.654	14.5	21.6
6 20	15 41.79	+11 7.9	1.863	2.657	16.4	21.8
6 30	15 37.32	+ 9 32.8	1.940	2.660	18.2	21.9

40717 1999 SC_{2} 5 23.8 211°.23 7°.2/18.7 18

4 21	16 28.98	− 4 24.7	2.075	2.929	12.4	18.8
5 1	16 22.83	− 2 36.9	2.003	2.921	9.8	18.6
5 11	16 14.88	− 0 53.3	1.956	2.913	7.8	18.4
5 21	16 5.82	+ 0 39.6	1.936	2.904	7.2	18.4
5 31	15 56.51	+ 1 55.6	1.945	2.893	8.6	18.4
6 10	15 47.87	+ 2 50.5	1.979	2.883	11.1	18.6
6 20	15 40.63	+ 3 22.7	2.037	2.871	13.8	18.7
6 30	15 35.35	+ 3 33.1	2.114	2.858	16.2	18.9

45275 2000 AK_{12} 5 23.8 34°.34 3°.3/25.5 18

4 21	16 27.95	−30 51.9	1.698	2.552	14.6	18.5
5 1	16 22.61	−30 42.2	1.632	2.558	11.2	18.3
5 11	16 14.93	−30 17.9	1.587	2.564	7.3	18.1
5 21	16 5.83	−29 38.8	1.567	2.570	3.9	17.9
5 31	15 56.53	−28 47.2	1.574	2.577	4.2	17.9
6 10	15 48.25	−27 48.2	1.606	2.584	7.6	18.1
6 20	15 41.93	−26 47.8	1.662	2.591	11.4	18.4
6 30	15 38.19	−25 51.9	1.741	2.599	14.7	18.6

342345 2008 TZ_{157} 5 23.8 318°.24 9°.3/26.9 18

4 21	16 32.67	−41 38.3	1.695	2.505	16.6	19.8
5 1	16 26.91	−42 48.2	1.615	2.496	14.0	19.6
5 11	16 17.90	−43 39.2	1.556	2.486	11.5	19.4
5 21	16 6.59	−44 5.1	1.519	2.477	9.6	19.3
5 31	15 54.46	−44 2.4	1.505	2.469	9.4	19.3
6 10	15 43.29	−43 33.0	1.516	2.460	11.1	19.3
6 20	15 34.55	−42 43.3	1.548	2.452	13.7	19.5
6 30	15 29.20	−41 42.1	1.601	2.445	16.5	19.6

165186 2000 QQ_{215} 5 23.8 222°.60 4°.7/25.3 17

4 21	16 34.37	−30 47.5	1.613	2.460	15.6	20.3
5 1	16 27.78	−31 29.3	1.535	2.455	12.1	20.1
5 11	16 18.23	−31 58.9	1.478	2.450	8.3	19.9
5 21	16 6.64	−32 12.8	1.446	2.444	5.1	19.7
5 31	15 54.40	−32 9.4	1.439	2.437	5.5	19.7
6 10	15 43.10	−31 51.4	1.459	2.431	8.9	19.9
6 20	15 34.01	−31 23.9	1.502	2.424	12.9	20.1
6 30	15 28.04	−30 53.7	1.567	2.417	16.5	20.3

63178 2000 YJ_{69} 5 23.8 163°.79 1°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.20	−16 16.2	2.791	3.649	9.4	20.1
5 1	16 19.74	−15 59.2	2.718	3.653	6.8	19.9
5 11	16 12.96	−15 41.3	2.671	3.657	4.0	19.7
5 21	16 5.39	−15 23.8	2.652	3.660	1.6	19.5
5 31	15 57.67	−15 8.3	2.662	3.663	2.9	19.6
6 10	15 50.47	−14 56.5	2.701	3.666	5.7	19.8
6 20	15 44.32	−14 49.8	2.766	3.668	8.4	20.0
6 30	15 39.66	−14 49.3	2.856	3.670	10.8	20.2

202638 2006 JC_{8} 5 23.8 10°.83 0°.7/24.1 17

4 21	16 28.28	−22 11.2	1.706	2.575	13.8	20.4
5 1	16 22.84	−22 24.8	1.637	2.576	10.2	20.2
5 11	16 15.11	−22 33.3	1.590	2.577	6.0	19.9
5 21	16 5.91	−22 36.3	1.568	2.579	1.6	19.6
5 31	15 56.35	−22 34.9	1.573	2.580	3.3	19.8
6 10	15 47.64	−22 31.1	1.604	2.582	7.6	20.0
6 20	15 40.73	−22 28.0	1.659	2.585	11.6	20.3
6 30	15 36.29	−22 28.4	1.736	2.588	15.1	20.5

278284 2007 GE_{28} 5 23.8 10°.93 0°.1/23.8 17

4 21	16 30.68	−17 48.5	1.337	2.218	16.1	19.7
5 1	16 25.09	−18 40.9	1.274	2.220	11.8	19.5
5 11	16 16.64	−19 34.8	1.233	2.223	6.9	19.2
5 21	16 6.28	−20 28.0	1.216	2.227	1.5	18.9
5 31	15 55.41	−21 18.9	1.224	2.232	3.9	19.0
6 10	15 45.55	−22 6.9	1.257	2.237	9.1	19.4
6 20	15 37.94	−22 52.6	1.313	2.244	13.7	19.6
6 30	15 33.40	−23 37.7	1.389	2.251	17.5	19.9

523703 2014 HX_{199} 5 23.8 358°.03 0°.4/21.4 18

4 21	16 6.44	− 9 1.2	29.770	30.625	1.0	22.1
5 1	16 5.54	− 8 57.5	29.696	30.624	0.7	22.0
5 11	16 4.55	− 8 54.1	29.650	30.624	0.5	22.0
5 21	16 3.51	− 8 51.3	29.632	30.624	0.4	22.0
5 31	16 2.46	− 8 49.1	29.642	30.623	0.5	22.0
6 10	16 1.44	− 8 47.6	29.682	30.623	0.7	22.0
6 20	16 0.49	− 8 47.0	29.748	30.623	1.0	22.0
6 30	15 59.64	− 8 47.3	29.839	30.622	1.2	22.1

377363 2004 RK_{111} 5 23.8 198°.69 2°.0/24.9 17

4 21	16 29.23	−28 42.4	1.983	2.832	13.0	21.1
5 1	16 23.27	−28 13.9	1.904	2.830	9.8	20.9
5 11	16 15.24	−27 32.7	1.848	2.828	6.1	20.7
5 21	16 5.93	−26 39.6	1.819	2.826	2.6	20.4
5 31	15 56.40	−25 37.5	1.818	2.824	3.2	20.5
6 10	15 47.71	−24 31.0	1.844	2.821	7.0	20.7
6 20	15 40.73	−23 25.8	1.896	2.818	10.6	20.9
6 30	15 36.05	−22 26.9	1.971	2.814	13.8	21.1

351932 2006 TF_{28} 5 23.8 281°.15 2°.4/24.7 17

4 21	16 29.08	−26 27.9	2.134	2.985	12.2	21.3
5 1	16 23.26	−26 59.0	2.047	2.974	9.2	21.0
5 11	16 15.34	−27 23.6	1.983	2.963	5.8	20.8
5 21	16 5.99	−27 40.2	1.946	2.951	2.8	20.6
5 31	15 56.17	−27 48.2	1.937	2.940	3.5	20.6
6 10	15 46.92	−27 49.0	1.955	2.929	6.8	20.8
6 20	15 39.15	−27 45.3	1.999	2.918	10.3	21.0
6 30	15 33.58	−27 40.5	2.065	2.907	13.4	21.2

23476 1990 VE_{4} 5 23.8 168°.89 1°.0/24.3 18

4 21	16 30.36	−23 26.0	2.480	3.326	10.8	19.2
5 1	16 23.74	−23 40.8	2.403	3.330	8.0	19.0
5 11	16 15.39	−23 50.7	2.351	3.334	4.8	18.8
5 21	16 5.97	−23 55.2	2.328	3.338	1.5	18.6
5 31	15 56.30	−23 54.8	2.334	3.340	2.6	18.6
6 10	15 47.24	−23 51.1	2.369	3.342	5.9	18.9
6 20	15 39.51	−23 46.3	2.431	3.344	9.0	19.1
6 30	15 33.66	−23 42.9	2.517	3.345	11.7	19.2

67860 2000 WP_{22} 5 23.8 346°.32 6°.3/20.3 18

4 21	16 24.62	− 9 57.7	1.527	2.409	14.4	18.7
5 1	16 20.16	− 8 24.8	1.463	2.405	10.9	18.5
5 11	16 13.53	− 6 53.3	1.423	2.402	7.7	18.3
5 21	16 5.57	− 5 30.5	1.407	2.399	6.3	18.2
5 31	15 57.35	− 4 23.2	1.416	2.396	8.1	18.3
6 10	15 50.01	− 3 36.7	1.450	2.394	11.5	18.5
6 20	15 44.42	− 3 13.0	1.505	2.393	15.0	18.7
6 30	15 41.19	− 3 11.6	1.578	2.391	18.1	18.9

346973 2010 CP_{34} 5 23.8 323°.99 0°.9/24.1 17

4 21	16 27.99	−22 44.2	1.753	2.620	13.6	20.9
5 1	16 22.67	−22 54.7	1.676	2.614	10.0	20.7
5 11	16 15.05	−22 59.7	1.622	2.609	6.0	20.4
5 21	16 5.93	−22 58.8	1.593	2.603	1.7	20.1
5 31	15 56.39	−22 52.9	1.591	2.598	3.3	20.2
6 10	15 47.62	−22 44.4	1.615	2.594	7.6	20.5
6 20	15 40.58	−22 36.5	1.664	2.589	11.6	20.7
6 30	15 36.00	−22 32.3	1.733	2.585	15.1	20.9

56624 2000 JQ_{76} 5 23.8 322.°59 5.°2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.70	−29 36.7	1.132	2.010	18.6	19.1
5 1	16 24.60	−30 19.1	1.055	1.994	14.5	18.8
5 11	16 16.86	−30 48.1	0.997	1.978	9.8	18.5
5 21	16 6.44	−30 59.1	0.961	1.963	5.8	18.2
5 31	15 55.02	−30 50.2	0.946	1.949	6.3	18.2
6 10	15 44.64	−30 24.7	0.954	1.936	10.9	18.4
6 20	15 37.01	−29 49.5	0.982	1.923	16.0	18.6
6 30	15 33.25	−29 13.4	1.027	1.912	20.5	18.9

158024 2000 RK_{25} 5 23.8 264.°08 5.°1/20.9 18

4 21	16 26.42	−10 44.4	1.825	2.697	12.9	20.1
5 1	16 21.27	− 9 31.0	1.747	2.685	9.8	19.9
5 11	16 14.14	− 8 17.9	1.693	2.673	6.6	19.7
5 21	16 5.72	− 7 10.3	1.665	2.660	5.1	19.6
5 31	15 56.97	− 6 13.5	1.664	2.647	6.7	19.6
6 10	15 48.91	− 5 32.0	1.688	2.634	10.0	19.8
6 20	15 42.37	− 5 8.2	1.736	2.621	13.4	20.0
6 30	15 37.99	− 5 2.7	1.804	2.608	16.5	20.1

469657 2004 TU_{183} 5 23.8 282.°61 4.°5/21.2 17

4 21	16 26.40	−13 7.0	1.783	2.657	13.1	21.4
5 1	16 21.41	−11 50.2	1.695	2.636	9.8	21.2
5 11	16 14.29	−10 30.3	1.631	2.615	6.4	20.9
5 21	16 5.77	− 9 12.4	1.593	2.593	4.5	20.8
5 31	15 56.81	− 8 2.6	1.582	2.571	6.3	20.8
6 10	15 48.49	− 7 6.3	1.597	2.549	10.0	21.0
6 20	15 41.72	− 6 27.2	1.636	2.528	13.8	21.2
6 30	15 37.19	− 6 6.9	1.694	2.506	17.1	21.3

243379 2008 XK_{49} 5 23.8 328.°99 8.°9/28.5 17

4 21	16 26.92	−42 36.9	1.485	2.308	17.9	18.7
5 1	16 22.92	−42 48.6	1.393	2.284	15.1	18.5
5 11	16 15.67	−42 33.4	1.319	2.260	12.2	18.2
5 21	16 6.14	−41 46.2	1.266	2.237	9.7	18.0
5 31	15 55.91	−40 25.6	1.235	2.215	9.0	17.9
6 10	15 46.78	−38 37.2	1.228	2.194	10.9	17.9
6 20	15 40.18	−36 31.1	1.244	2.175	14.2	18.1
6 30	15 37.03	−34 20.0	1.280	2.156	17.9	18.2

140965 2001 VF_{111} 5 23.8 147.°90 0.°8/24.3 17

4 21	16 26.45	−25 6.9	2.481	3.331	10.7	20.8
5 1	16 20.84	−24 43.8	2.407	3.336	7.9	20.6
5 11	16 13.67	−24 13.4	2.358	3.342	4.7	20.4
5 21	16 5.59	−23 36.5	2.337	3.346	1.4	20.2
5 31	15 57.37	−22 55.4	2.344	3.351	2.5	20.2
6 10	15 49.81	−22 13.1	2.380	3.355	5.7	20.5
6 20	15 43.53	−21 32.8	2.443	3.360	8.8	20.7
6 30	15 39.03	−20 57.6	2.530	3.363	11.4	20.9

280613 2004 XQ_{23} 5 23.8 100.°28 0.°5/23.9 18

4 21	16 31.41	−20 42.8	1.908	2.767	13.0	20.3
5 1	16 24.88	−21 12.7	1.841	2.776	9.5	20.1
5 11	16 16.21	−21 39.6	1.798	2.784	5.6	19.8
5 21	16 6.19	−22 2.6	1.782	2.793	1.4	19.6
5 31	15 55.87	−22 21.5	1.794	2.801	3.1	19.7
6 10	15 46.35	−22 37.6	1.833	2.809	7.1	20.0
6 20	15 38.53	−22 52.6	1.898	2.817	10.8	20.2
6 30	15 33.05	−23 8.8	1.986	2.824	13.9	20.4

143745 2003 UC_{259} 5 23.8 107.°14 1.°0/24.3 17

4 21	16 31.36	−24 21.2	1.596	2.461	14.9	20.5
5 1	16 25.09	−24 11.9	1.535	2.472	10.9	20.3
5 11	16 16.38	−23 53.5	1.496	2.482	6.5	20.0
5 21	16 6.22	−23 26.7	1.483	2.493	1.9	19.8
5 31	15 55.86	−22 53.8	1.496	2.503	3.4	19.9
6 10	15 46.59	−22 19.2	1.535	2.513	8.0	20.2
6 20	15 39.38	−21 47.3	1.599	2.523	12.1	20.5
6 30	15 34.85	−21 22.2	1.683	2.533	15.6	20.7

470350 2007 RP_{223} 5 23.8 281.°98 4.°1/25.3 18

4 21	16 30.63	−30 59.0	2.030	2.870	13.1	21.4
5 1	16 24.72	−31 33.2	1.931	2.847	10.3	21.2
5 11	16 16.38	−31 57.6	1.854	2.823	7.1	20.9
5 21	16 6.29	−32 9.2	1.803	2.800	4.5	20.7
5 31	15 55.50	−32 7.1	1.779	2.776	4.7	20.7
6 10	15 45.24	−31 52.7	1.782	2.752	7.7	20.8
6 20	15 36.61	−31 29.8	1.810	2.728	11.3	21.0
6 30	15 30.46	−31 3.4	1.860	2.704	14.5	21.1

136569 1981 EN_{2} 5 23.8 128.°53 1.°0/24.5 18

4 21	16 26.54	−25 48.7	2.520	3.368	10.6	20.4
5 1	16 20.86	−25 25.1	2.450	3.378	7.8	20.2
5 11	16 13.67	−24 53.8	2.404	3.387	4.7	20.1
5 21	16 5.60	−24 15.9	2.387	3.396	1.5	19.8
5 31	15 57.43	−23 33.3	2.398	3.404	2.4	19.9
6 10	15 49.92	−22 49.3	2.438	3.413	5.6	20.2
6 20	15 43.71	−22 7.0	2.504	3.421	8.6	20.4
6 30	15 39.24	−21 29.6	2.595	3.429	11.2	20.5

355095 2006 TO_{29} 5 23.8 171.°21 0.°8/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.19	−23 54.5	2.783	3.629	9.8	22.2
5 1	16 21.29	−23 56.8	2.704	3.632	7.2	22.0
5 11	16 13.93	−23 54.0	2.652	3.635	4.3	21.8
5 21	16 5.67	−23 46.3	2.627	3.637	1.3	21.6
5 31	15 57.22	−23 34.5	2.633	3.639	2.3	21.7
6 10	15 49.30	−23 20.5	2.667	3.640	5.3	21.9
6 20	15 42.52	−23 6.2	2.728	3.641	8.1	22.1
6 30	15 37.37	−22 54.1	2.813	3.642	10.6	22.2

307311 2002 QK_{82} 5 23.8 202.°80 1.°5/24.4 17

4 21	16 31.86	−24 52.4	1.950	2.802	13.1	21.4
5 1	16 25.33	−24 59.9	1.869	2.799	9.7	21.1
5 11	16 16.55	−24 59.9	1.811	2.794	5.9	20.9
5 21	16 6.30	−24 51.8	1.781	2.789	2.1	20.6
5 31	15 55.66	−24 36.4	1.778	2.784	3.2	20.7
6 10	15 45.77	−24 16.5	1.803	2.778	7.2	20.9
6 20	15 37.59	−23 55.6	1.853	2.771	11.0	21.1
6 30	15 31.80	−23 37.6	1.925	2.764	14.3	21.3

263317 2008 CB_{42} 5 23.8 314.°66 2.°1/24.9 18

4 21	16 25.93	−28 0.4	2.060	2.913	12.4	20.1
5 1	16 20.94	−27 52.3	1.976	2.904	9.4	19.9
5 11	16 13.96	−27 33.8	1.915	2.895	5.9	19.7
5 21	16 5.71	−27 5.2	1.880	2.886	2.7	19.5
5 31	15 57.14	−26 27.8	1.872	2.877	3.2	19.5
6 10	15 49.25	−25 45.3	1.891	2.869	6.7	19.7
6 20	15 42.89	−25 1.8	1.936	2.861	10.3	19.9
6 30	15 38.66	−24 21.6	2.003	2.853	13.4	20.1

457430 2008 UE_{49} 5 23.8 152.°84 1.°7/24.5 16

4 21	16 34.49	−25 6.2	1.660	2.516	14.8	22.5
5 1	16 27.42	−25 16.2	1.592	2.524	11.0	22.3
5 11	16 17.80	−25 17.4	1.548	2.531	6.7	22.1
5 21	16 6.58	−25 9.0	1.529	2.538	2.4	21.8
5 31	15 55.04	−24 52.0	1.537	2.544	3.6	21.9
6 10	15 44.55	−24 29.8	1.573	2.549	8.0	22.2
6 20	15 36.15	−24 6.8	1.632	2.553	12.1	22.4
6 30	15 30.53	−23 47.5	1.714	2.557	15.6	22.7

342639 2008 UZ_{355} 5 23.8 235.°70 1.°1/24.4 17

4 21	16 28.20	−24 41.5	2.030	2.888	12.4	21.7
5 1	16 22.55	−24 36.1	1.950	2.882	9.2	21.5
5 11	16 14.88	−24 23.2	1.893	2.877	5.5	21.2
5 21	16 5.92	−24 2.8	1.862	2.872	1.8	21.0
5 31	15 56.63	−23 36.5	1.859	2.866	3.0	21.0
6 10	15 48.05	−23 7.4	1.884	2.860	6.8	21.3
6 20	15 41.02	−22 39.1	1.933	2.854	10.5	21.5
6 30	15 36.18	−22 15.1	2.005	2.848	13.7	21.7

239541 2008 SW_{81} 5 23.8 248.°28 6.°7/26.9 18

4 21	16 33.21	−39 56.1	2.178	2.978	13.7	20.8
5 1	16 26.61	−40 31.8	2.084	2.964	11.4	20.7
5 11	16 17.45	−40 51.3	2.012	2.948	8.9	20.5
5 21	16 6.53	−40 51.0	1.964	2.932	7.1	20.3
5 31	15 55.03	−40 29.2	1.943	2.916	6.9	20.3
6 10	15 44.26	−39 48.2	1.948	2.899	8.6	20.3
6 20	15 35.33	−38 53.2	1.979	2.882	11.2	20.5
6 30	15 29.06	−37 50.9	2.031	2.864	13.9	20.6

248095 2004 RX_{64} 5 23.8 280.°22 0.°8/23.4 18

4 21	16 25.13	−19 18.8	2.383	3.245	10.7	20.7
5 1	16 20.09	−19 1.1	2.291	3.228	7.8	20.5
5 11	16 13.38	−18 39.8	2.223	3.211	4.5	20.3
5 21	16 5.59	−18 16.2	2.183	3.193	1.2	20.0
5 31	15 57.46	−17 52.3	2.171	3.176	2.9	20.1
6 10	15 49.83	−17 30.5	2.186	3.158	6.4	20.3
6 20	15 43.39	−17 13.2	2.228	3.140	9.7	20.5
6 30	15 38.70	−17 2.4	2.293	3.123	12.6	20.6

394045 2005 WS_{118} 5 23.8 224.°23 1.°0/24.5 17

4 21	16 25.48	−25 49.1	2.571	3.420	10.4	21.1
5 1	16 20.18	−25 27.1	2.487	3.416	7.7	20.9
5 11	16 13.34	−24 57.3	2.429	3.411	4.6	20.7
5 21	16 5.56	−24 20.6	2.397	3.407	1.6	20.5
5 31	15 57.58	−23 38.9	2.395	3.402	2.4	20.5
6 10	15 50.18	−22 55.2	2.421	3.397	5.6	20.7
6 20	15 44.00	−22 12.8	2.474	3.391	8.7	20.9
6 30	15 39.52	−21 34.8	2.551	3.386	11.3	21.1

109253 2001 QT_{103} 5 23.8 285.°90 6.°5/25.1 18

4 21	16 34.94	−33 24.1	1.682	2.519	15.5	20.0
5 1	16 28.64	−34 39.1	1.585	2.495	12.5	19.7
5 11	16 19.08	−35 44.1	1.510	2.471	9.3	19.5
5 21	16 7.00	−36 33.0	1.460	2.447	6.8	19.3
5 31	15 53.73	−37 1.1	1.435	2.422	7.1	19.2
6 10	15 40.99	−37 8.2	1.436	2.398	10.1	19.3
6 20	15 30.33	−36 58.5	1.461	2.373	13.8	19.5
6 30	15 22.95	−36 38.9	1.505	2.349	17.4	19.7

257597 1999 RH_{66} 5 23.8 285°.85 2°.8/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.29	−16 5.8	1.526	2.403	14.7	21.1
5 1	16 24.06	−15 33.2	1.432	2.376	11.0	20.8
5 11	16 16.15	−14 57.3	1.360	2.348	6.6	20.5
5 21	16 6.28	−14 20.9	1.312	2.320	2.9	20.2
5 31	15 55.65	−13 48.0	1.290	2.292	5.2	20.3
6 10	15 45.62	−13 23.1	1.293	2.263	10.1	20.5
6 20	15 37.43	−13 9.8	1.319	2.234	14.8	20.7
6 30	15 31.99	−13 10.6	1.364	2.205	18.9	20.9

5871 Bobbell 5 23.8 230°.91 18°.7/31.9 18

4 21	16 48.14	−56 46.7	1.218	1.968	25.0	17.2
5 1	16 41.23	−58 30.9	1.153	1.963	23.0	17.0
5 11	16 27.67	−59 38.6	1.100	1.957	21.0	16.8
5 21	16 9.03	−59 54.1	1.063	1.951	19.4	16.7
5 31	15 48.89	−59 7.1	1.043	1.944	18.7	16.6
6 10	15 31.56	−57 20.7	1.040	1.937	19.2	16.6
6 20	15 19.93	−54 50.1	1.055	1.930	20.8	16.7
6 30	15 15.01	−51 56.0	1.086	1.923	23.1	16.8

333788 2011 GZ_{64} 5 23.8 317°.12 1°.9/23.3 18

4 21	16 29.87	−14 53.8	1.708	2.579	13.7	19.7
5 1	16 24.02	−15 10.0	1.634	2.574	10.1	19.5
5 11	16 15.86	−15 28.4	1.582	2.570	6.0	19.2
5 21	16 6.17	−15 49.3	1.557	2.566	2.2	19.0
5 31	15 56.05	−16 13.3	1.558	2.562	4.0	19.1
6 10	15 46.67	−16 41.3	1.585	2.558	8.3	19.3
6 20	15 39.03	−17 13.9	1.637	2.554	12.3	19.5
6 30	15 33.85	−17 51.7	1.711	2.551	15.8	19.8

382787 2003 SK_{346} 5 23.8 250°.62 3°.0/25.1 17

4 21	16 29.58	−28 51.8	1.976	2.824	13.1	21.8
5 1	16 23.74	−29 8.1	1.894	2.818	10.0	21.6
5 11	16 15.67	−29 14.4	1.835	2.811	6.5	21.4
5 21	16 6.13	−29 9.4	1.802	2.805	3.4	21.2
5 31	15 56.17	−28 53.4	1.796	2.798	3.9	21.2
6 10	15 46.95	−28 29.0	1.817	2.791	7.2	21.4
6 20	15 39.40	−28 0.4	1.863	2.785	10.8	21.6
6 30	15 34.24	−27 32.0	1.931	2.778	13.9	21.7

508199 2015 FM_{381} 5 23.9 154°.66 4°.3/21.2 17

4 21	16 27.07	−12 16.3	1.927	2.797	12.5	21.3
5 1	16 21.53	−11 1.1	1.863	2.800	9.3	21.1
5 11	16 14.18	− 9 45.9	1.822	2.804	6.1	20.9
5 21	16 5.76	− 8 35.3	1.809	2.807	4.3	20.8
5 31	15 57.19	− 7 34.5	1.823	2.810	5.9	20.9
6 10	15 49.40	− 6 47.6	1.864	2.812	9.1	21.1
6 20	15 43.12	− 6 16.7	1.929	2.814	12.3	21.3
6 30	15 38.88	− 6 2.4	2.014	2.817	15.1	21.5

520172 2014 CK_{27} 5 23.9 182°.50 4°.2/25.9 17

4 21	16 30.14	−33 34.7	2.323	3.149	12.2	21.6
5 1	16 23.90	−33 58.7	2.244	3.149	9.6	21.4
5 11	16 15.65	−34 10.8	2.188	3.149	6.8	21.2
5 21	16 6.11	−34 9.5	2.158	3.149	4.6	21.1
5 31	15 56.25	−33 54.4	2.156	3.148	4.6	21.1
6 10	15 47.09	−33 28.1	2.182	3.148	6.8	21.2
6 20	15 39.48	−32 54.3	2.233	3.147	9.6	21.4
6 30	15 34.05	−32 17.7	2.307	3.145	12.3	21.5

146042 2000 ET_4 5 23.9 290°.14 0°.6/24.1 18

4 21	16 29.14	−22 54.0	1.556	2.427	14.8	19.9
5 1	16 23.97	−22 48.3	1.464	2.405	11.0	19.6
5 11	16 16.09	−22 34.9	1.395	2.383	6.6	19.3
5 21	16 6.27	−22 13.8	1.349	2.360	1.7	18.9
5 31	15 55.74	−21 46.7	1.330	2.338	3.7	19.0
6 10	15 45.91	−21 17.6	1.336	2.315	8.8	19.2
6 20	15 37.99	−20 51.0	1.365	2.292	13.5	19.5
6 30	15 32.88	−20 31.4	1.414	2.270	17.6	19.7

436544 2011 GV_{46} 5 23.9 341°.88 5°.5/20.8 16

4 21	16 23.34	−12 25.2	1.426	2.315	14.8	20.6
5 1	16 19.45	−10 56.2	1.358	2.306	11.1	20.4
5 11	16 13.25	− 9 25.6	1.313	2.297	7.4	20.1
5 21	16 5.59	− 8 0.6	1.291	2.290	5.5	20.0
5 31	15 57.60	− 6 48.5	1.295	2.283	7.6	20.1
6 10	15 50.49	− 5 55.6	1.322	2.277	11.4	20.3
6 20	15 45.21	− 5 24.9	1.370	2.272	15.3	20.5
6 30	15 42.40	− 5 16.7	1.437	2.268	18.7	20.7

490374 2009 JT_9 5 23.9 196°.72 12°.2/16.4 18

4 21	16 31.17	− 1 13.5	1.263	2.133	17.6	21.1
5 1	16 25.25	+ 1 35.8	1.210	2.131	14.6	20.9
5 11	16 16.63	+ 4 15.2	1.181	2.130	12.5	20.7
5 21	16 6.35	+ 6 30.9	1.175	2.127	12.4	20.7
5 31	15 55.78	+ 8 11.1	1.192	2.124	14.4	20.8
6 10	15 46.34	+ 9 10.1	1.230	2.120	17.4	21.0
6 20	15 39.12	+ 9 28.7	1.286	2.116	20.5	21.2
6 30	15 34.82	+ 9 11.7	1.356	2.111	23.2	21.4

164778 1999 CD_{149} 5 23.9 195°.32 0°.7/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.58	−19 18.0	2.163	3.025	11.6	20.6
5 1	16 21.90	−19 7.4	2.087	3.024	8.5	20.4
5 11	16 14.44	−18 53.5	2.035	3.023	4.9	20.2
5 21	16 5.84	−18 37.5	2.010	3.021	1.2	19.9
5 31	15 56.99	−18 21.0	2.014	3.019	3.0	20.0
6 10	15 48.79	−18 6.6	2.045	3.017	6.7	20.3
6 20	15 41.99	−17 56.3	2.102	3.015	10.1	20.5
6 30	15 37.16	−17 52.2	2.181	3.013	13.1	20.7

262444 2006 UP_{97} 5 23.9 195°.38 1°.0/23.4 17

4 21	16 30.43	−19 7.4	2.009	2.869	12.4	21.7
5 1	16 24.11	−18 50.6	1.931	2.867	9.1	21.5
5 11	16 15.77	−18 30.0	1.877	2.864	5.3	21.3
5 21	16 6.15	−18 6.8	1.850	2.860	1.4	21.0
5 31	15 56.23	−17 43.4	1.851	2.856	3.3	21.1
6 10	15 47.04	−17 22.5	1.881	2.852	7.3	21.4
6 20	15 39.41	−17 6.8	1.935	2.846	11.0	21.6
6 30	15 33.96	−16 58.7	2.012	2.840	14.2	21.8

147979 1995 SU_{41} 5 23.9 132°.78 0°.1/23.8 18

4 21	16 26.69	−21 11.0	2.570	3.424	10.2	21.8
5 1	16 20.95	−21 0.8	2.501	3.434	7.4	21.6
5 11	16 13.75	−20 46.6	2.458	3.444	4.3	21.4
5 21	16 5.67	−20 29.2	2.442	3.453	1.0	21.2
5 31	15 57.46	−20 10.2	2.456	3.463	2.4	21.3
6 10	15 49.86	−19 51.6	2.499	3.471	5.7	21.5
6 20	15 43.48	−19 35.6	2.568	3.480	8.6	21.7
6 30	15 38.77	−19 24.2	2.660	3.488	11.1	21.9

507659 2013 QZ_{35} 5 23.9 282°.18 4°.1/25.4 17

4 21	16 30.74	−30 28.5	1.603	2.457	15.4	22.0
5 1	16 25.18	−30 48.3	1.518	2.443	11.9	21.8
5 11	16 16.80	−30 55.0	1.453	2.429	8.0	21.5
5 21	16 6.44	−30 46.1	1.413	2.414	4.6	21.3
5 31	15 55.43	−30 21.4	1.399	2.400	5.0	21.2
6 10	15 45.27	−29 44.4	1.410	2.386	8.7	21.4
6 20	15 37.20	−29 0.9	1.444	2.372	12.9	21.6
6 30	15 32.09	−28 17.6	1.499	2.358	16.6	21.8

85112 4060 T-3 5 23.9 288°.35 1°.2/23.3 18

4 21	16 26.63	−18 9.3	2.003	2.871	12.1	19.6
5 1	16 21.36	−17 56.0	1.926	2.866	8.9	19.4
5 11	16 14.18	−17 40.1	1.873	2.861	5.2	19.2
5 21	16 5.80	−17 23.1	1.846	2.856	1.5	18.9
5 31	15 57.11	−17 6.9	1.846	2.851	3.4	19.0
6 10	15 49.08	−16 54.2	1.874	2.846	7.3	19.3
6 20	15 42.52	−16 47.0	1.927	2.842	10.8	19.5
6 30	15 38.02	−16 47.2	2.001	2.837	13.9	19.7

32297 2000 QN_{11} 5 23.9 193°.85 8°.1/19.9 18

4 21	16 27.56	+ 0 22.9	1.961	2.810	13.2	19.5
5 1	16 21.90	+ 1 20.6	1.899	2.809	10.8	19.3
5 11	16 14.43	+ 2 7.0	1.860	2.807	8.8	19.2
5 21	16 5.85	+ 2 37.1	1.846	2.805	8.1	19.1
5 31	15 57.06	+ 2 47.3	1.857	2.803	9.2	19.2
6 10	15 48.98	+ 2 36.3	1.893	2.801	11.3	19.3
6 20	15 42.34	+ 2 5.1	1.952	2.798	13.8	19.5
6 30	15 37.70	+ 1 16.2	2.030	2.795	16.1	19.6

366570 2002 ST_{13} 5 23.9 219°.16 5°.2/26.7 17

4 21	16 33.27	−36 43.2	1.961	2.780	14.3	21.3
5 1	16 26.57	−36 41.2	1.873	2.772	11.5	21.1
5 11	16 17.36	−36 21.2	1.808	2.764	8.3	20.9
5 21	16 6.55	−35 40.9	1.768	2.756	5.8	20.7
5 31	15 55.36	−34 41.4	1.755	2.747	5.5	20.7
6 10	15 45.13	−33 27.0	1.769	2.737	8.0	20.8
6 20	15 36.89	−32 4.8	1.809	2.727	11.3	21.0
6 30	15 31.34	−30 42.5	1.871	2.716	14.4	21.1

211916 2004 SN_{61} 5 23.9 223°.94 4°.7/25.5 17

4 21	16 34.76	−31 37.5	1.685	2.527	15.3	21.1
5 1	16 28.06	−32 10.8	1.603	2.519	11.9	20.9
5 11	16 18.45	−32 31.1	1.542	2.511	8.2	20.6
5 21	16 6.84	−32 35.0	1.505	2.502	5.2	20.4
5 31	15 54.59	−32 21.3	1.495	2.493	5.4	20.4
6 10	15 43.22	−31 53.1	1.512	2.483	8.8	20.6
6 20	15 34.01	−31 15.8	1.552	2.472	12.6	20.8
6 30	15 27.83	−30 36.4	1.614	2.461	16.2	21.0

117250 2004 ST_{39} 5 23.9 136°.19 13°.7/26.9 18

4 21	16 48.38	−45 36.0	1.326	2.119	21.2	20.2
5 1	16 39.93	−47 53.1	1.269	2.128	18.4	20.0
5 11	16 26.30	−49 45.0	1.231	2.137	15.8	19.9
5 21	16 8.75	−50 58.1	1.213	2.145	14.1	19.8
5 31	15 49.80	−51 23.9	1.217	2.152	13.9	19.8
6 10	15 32.59	−51 4.7	1.243	2.159	15.3	19.9
6 20	15 19.52	−50 11.7	1.288	2.165	17.7	20.1
6 30	15 11.85	−49 0.3	1.351	2.171	20.2	20.2

301753 2010 *JZ* 5 23.9 297°.85 2°.7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 18.11	− 8 11.9	4.246	5.100	6.5	21.0
5 1	16 14.34	− 7 46.3	4.169	5.096	4.9	20.9
5 11	16 9.81	− 7 23.0	4.119	5.091	3.4	20.7
5 21	16 4.81	− 7 3.6	4.097	5.087	2.7	20.7
5 31	15 59.71	− 6 49.4	4.105	5.083	3.3	20.7
6 10	15 54.89	− 6 41.3	4.140	5.079	4.8	20.8
6 20	15 50.66	− 6 39.9	4.202	5.074	6.5	20.9
6 30	15 47.29	− 6 45.4	4.288	5.070	8.0	21.0

482391 2012 AN_{23} 5 23.9 145°.10 1°.6/23.2 17 C

4 21	16 39.85	−19 35.6	1.546	2.404	15.6	22.7
5 1	16 31.12	−18 48.5	1.488	2.423	11.4	22.5
5 11	16 19.82	−17 54.8	1.454	2.441	6.6	22.2
5 21	16 7.07	−16 57.4	1.447	2.457	2.0	22.0
5 31	15 54.29	−16 1.2	1.467	2.471	4.4	22.2
6 10	15 42.86	−15 11.5	1.516	2.483	9.1	22.5
6 20	15 33.77	−14 32.9	1.589	2.494	13.3	22.8
6 30	15 27.62	−14 7.9	1.683	2.503	16.8	23.0

455303 2002 EW_{52} 5 23.9 28°.01 6°.6/21.8 17

4 21	16 26.16	−10 1.7	1.032	1.932	18.2	20.1
5 1	16 21.89	− 9 4.9	0.991	1.943	13.7	19.9
5 11	16 14.77	− 8 14.9	0.969	1.955	9.2	19.7
5 21	16 5.96	− 7 38.2	0.968	1.968	6.6	19.6
5 31	15 57.01	− 7 20.5	0.990	1.982	8.5	19.7
6 10	15 49.44	− 7 24.3	1.032	1.997	12.6	20.0
6 20	15 44.30	− 7 49.0	1.094	2.013	16.8	20.3
6 30	15 42.21	− 8 31.7	1.173	2.030	20.4	20.6

96715 1999 KR_{7} 5 23.9 11°.93 3°.0/24.3 18

4 21	16 28.97	−22 43.5	0.946	1.845	19.6	18.2
5 1	16 24.78	−23 56.6	0.895	1.847	14.6	17.9
5 11	16 16.91	−25 5.3	0.862	1.852	9.0	17.6
5 21	16 6.53	−26 4.7	0.849	1.858	3.7	17.3
5 31	15 55.50	−26 51.4	0.859	1.866	5.3	17.5
6 10	15 45.92	−27 25.8	0.890	1.875	10.8	17.8
6 20	15 39.34	−27 51.4	0.940	1.886	16.0	18.1
6 30	15 36.68	−28 13.0	1.007	1.898	20.4	18.4

352593 2008 ET_{28} 5 23.9 64°.06 1°.2/23.3 17

4 21	16 25.59	−17 59.0	2.216	3.081	11.2	21.0
5 1	16 20.36	−17 43.9	2.151	3.089	8.1	20.8
5 11	16 13.50	−17 26.8	2.110	3.098	4.7	20.6
5 21	16 5.67	−17 8.9	2.096	3.106	1.5	20.4
5 31	15 57.69	−16 52.3	2.110	3.114	3.1	20.5
6 10	15 50.38	−16 39.1	2.152	3.123	6.5	20.7
6 20	15 44.40	−16 31.2	2.219	3.132	9.7	20.9
6 30	15 40.24	−16 30.1	2.309	3.140	12.5	21.1

393212 2013 *EW* 5 23.9 110°.45 0°.8/23.6 17

4 21	16 29.26	−16 46.5	2.427	3.282	10.7	21.2
5 1	16 22.94	−17 9.7	2.357	3.290	7.8	21.0
5 11	16 14.99	−17 33.0	2.312	3.299	4.5	20.8
5 21	16 6.02	−17 56.1	2.296	3.307	1.2	20.6
5 31	15 56.83	−18 19.3	2.309	3.315	2.8	20.7
6 10	15 48.24	−18 43.2	2.352	3.322	6.1	20.9
6 20	15 40.93	−19 8.5	2.421	3.330	9.2	21.1
6 30	15 35.41	−19 36.0	2.513	3.337	11.8	21.3

62528 2000 SG_{252} 5 23.9 282°.22 3°.9/25.4 18

4 21	16 29.40	−31 17.8	2.202	3.039	12.4	19.4
5 1	16 23.59	−31 53.6	2.114	3.028	9.6	19.2
5 11	16 15.63	−32 19.8	2.049	3.017	6.7	19.0
5 21	16 6.21	−32 34.0	2.010	3.006	4.3	18.8
5 31	15 56.31	−32 35.5	1.999	2.995	4.5	18.8
6 10	15 46.99	−32 25.9	2.015	2.984	7.1	18.9
6 20	15 39.19	−32 8.5	2.056	2.973	10.2	19.1
6 30	15 33.62	−31 47.6	2.120	2.962	13.1	19.3

420740 2012 TY_{122} 5 23.9 219°.21 0°.3/23.5 17

4 21	16 18.60	−20 19.1	4.531	5.383	6.2	21.4
5 1	16 14.68	−19 54.5	4.448	5.380	4.5	21.3
5 11	16 10.01	−19 27.6	4.392	5.378	2.6	21.1
5 21	16 4.89	−18 59.2	4.365	5.375	0.6	21.0
5 31	15 59.68	−18 30.6	4.368	5.373	1.6	21.1
6 10	15 54.76	−18 3.1	4.400	5.370	3.5	21.2
6 20	15 50.43	−17 38.1	4.461	5.368	5.4	21.3
6 30	15 46.97	−17 16.6	4.547	5.365	7.0	21.5

168613 2000 AA_{246} 5 23.9 278°.93 1°.7/24.5 18

4 21	16 30.95	−24 56.6	1.546	2.412	15.2	20.4
5 1	16 25.42	−25 3.1	1.454	2.391	11.4	20.1
5 11	16 17.02	−25 0.6	1.385	2.370	7.0	19.8
5 21	16 6.59	−24 48.2	1.340	2.349	2.5	19.5
5 31	15 55.37	−24 26.7	1.321	2.328	3.8	19.5
6 10	15 44.89	−23 59.4	1.327	2.306	8.8	19.7
6 20	15 36.41	−23 31.3	1.356	2.284	13.5	19.9
6 30	15 30.87	−23 7.6	1.406	2.262	17.7	20.1

311424 2005 UW_{127} 5 23.9 351°.10 1°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.12	−20 29.3	1.935	2.807	12.3	20.2
5 1	16 19.57	−19 49.5	1.862	2.804	9.0	20.0
5 11	16 13.17	−19 3.7	1.812	2.801	5.2	19.8
5 21	16 5.63	−18 14.6	1.787	2.798	1.4	19.5
5 31	15 57.86	−17 25.4	1.791	2.796	3.3	19.6
6 10	15 50.81	−16 40.5	1.820	2.794	7.3	19.9
6 20	15 45.24	−16 3.1	1.875	2.793	10.9	20.1
6 30	15 41.71	−15 35.9	1.951	2.793	14.0	20.3

420158 2011 FP_{152} 5 23.9 28°.67 7°.4/22.5 17

4 21	16 28.79	− 3 24.8	1.309	2.185	16.7	19.6
5 1	16 23.36	− 3 19.2	1.264	2.198	13.0	19.4
5 11	16 15.48	− 3 28.5	1.240	2.212	9.5	19.2
5 21	16 6.15	− 3 55.8	1.239	2.227	7.5	19.1
5 31	15 56.69	− 4 42.3	1.261	2.243	8.6	19.2
6 10	15 48.37	− 5 46.2	1.307	2.260	11.7	19.5
6 20	15 42.16	− 7 4.2	1.375	2.278	15.1	19.7
6 30	15 38.65	− 8 32.2	1.462	2.296	18.2	20.0

332073 2005 SU_{214} 5 23.9 197°.15 3°.6/26.2 18

4 21	16 27.92	−34 7.3	2.673	3.493	10.9	21.0
5 1	16 22.06	−34 10.9	2.588	3.491	8.6	20.9
5 11	16 14.52	−34 3.1	2.528	3.489	6.0	20.7
5 21	16 5.94	−33 42.8	2.495	3.486	4.0	20.6
5 31	15 57.13	−33 10.9	2.490	3.483	4.0	20.6
6 10	15 48.94	−32 29.8	2.513	3.480	6.0	20.7
6 20	15 42.08	−31 43.2	2.563	3.477	8.5	20.8
6 30	15 37.08	−30 55.4	2.636	3.473	10.9	21.0

231546 2008 SU_{244} 5 23.9 244°.14 1°.4/24.4 18

4 21	16 29.78	−24 7.7	1.877	2.736	13.2	20.3
5 1	16 23.92	−24 23.3	1.800	2.733	9.8	20.1
5 11	16 15.82	−24 32.6	1.746	2.730	5.9	19.9
5 21	16 6.27	−24 34.8	1.718	2.727	2.0	19.6
5 31	15 56.31	−24 30.5	1.717	2.724	3.2	19.7
6 10	15 47.11	−24 21.8	1.743	2.720	7.3	19.9
6 20	15 39.59	−24 11.9	1.794	2.717	11.1	20.1
6 30	15 34.46	−24 4.2	1.867	2.714	14.4	20.3

461607 2004 TA_{322} 5 23.9 184°.32 1°.4/24.4 17

4 21	16 32.94	−24 27.8	1.667	2.527	14.6	21.7
5 1	16 26.41	−24 31.8	1.594	2.527	10.8	21.5
5 11	16 17.33	−24 27.6	1.543	2.527	6.5	21.3
5 21	16 6.61	−24 14.5	1.517	2.527	2.1	21.0
5 31	15 55.50	−23 54.0	1.519	2.526	3.5	21.1
6 10	15 45.32	−23 29.5	1.547	2.524	8.0	21.3
6 20	15 37.14	−23 5.2	1.600	2.522	12.2	21.6
6 30	15 31.69	−22 45.4	1.674	2.520	15.8	21.8

390135 2012 VT_{72} 5 23.9 167°.49 1°.1/23.3 17

4 21	16 26.70	−18 24.0	2.327	3.188	10.9	21.7
5 1	16 21.15	−18 4.2	2.254	3.190	7.9	21.5
5 11	16 13.97	−17 41.6	2.205	3.192	4.6	21.3
5 21	16 5.82	−17 17.8	2.184	3.194	1.4	21.1
5 31	15 57.47	−16 54.7	2.192	3.196	3.0	21.2
6 10	15 49.74	−16 34.9	2.227	3.197	6.4	21.5
6 20	15 43.30	−16 20.3	2.288	3.198	9.6	21.7
6 30	15 38.66	−16 12.7	2.373	3.199	12.3	21.8

411747 2012 BG_{95} 5 23.9 194°.74 1°.6/23.3 17

4 21	16 32.51	−17 6.6	1.712	2.578	14.0	21.4
5 1	16 25.95	−16 58.9	1.638	2.576	10.2	21.2
5 11	16 17.01	−16 49.5	1.586	2.574	6.0	20.9
5 21	16 6.54	−16 39.6	1.561	2.571	1.9	20.7
5 31	15 55.68	−16 31.1	1.563	2.568	4.0	20.8
6 10	15 45.65	−16 26.6	1.592	2.564	8.4	21.0
6 20	15 37.45	−16 28.3	1.646	2.559	12.5	21.3
6 30	15 31.79	−16 38.0	1.720	2.554	16.0	21.5

501684 2014 TO_{54} 5 23.9 214°.49 3°.2/22.3 17

4 21	16 29.87	−14 47.1	1.762	2.631	13.5	22.6
5 1	16 23.92	−13 59.4	1.686	2.626	9.9	22.4
5 11	16 15.78	−13 9.9	1.633	2.619	6.1	22.1
5 21	16 6.26	−12 22.0	1.607	2.612	3.3	21.9
5 31	15 56.40	−11 39.9	1.608	2.605	5.2	22.0
6 10	15 47.32	−11 7.7	1.635	2.597	9.0	22.2
6 20	15 39.94	−10 48.0	1.686	2.588	12.9	22.5
6 30	15 34.91	−10 42.3	1.758	2.579	16.2	22.7

466119 2012 DY_{67} 5 23.9 152°.73 4°.7/21.7 17

4 21	16 30.47	−10 4.0	1.850	2.714	13.2	22.1
5 1	16 24.08	− 9 16.3	1.789	2.722	9.9	21.9
5 11	16 15.73	− 8 31.7	1.752	2.730	6.6	21.7
5 21	16 6.23	− 7 54.2	1.741	2.738	4.7	21.6
5 31	15 56.56	− 7 27.4	1.758	2.744	6.1	21.7
6 10	15 47.74	− 7 13.9	1.801	2.750	9.3	21.9
6 20	15 40.57	− 7 14.6	1.868	2.755	12.5	22.1
6 30	15 35.60	− 7 29.3	1.956	2.759	15.4	22.3

236777 2007 PL_{10} 5 23.9 267°.48 3°.7/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.67	−31 35.6	2.050	2.889	13.1	20.7
5 1	16 23.91	−31 47.1	1.957	2.873	10.2	20.5
5 11	16 15.88	−31 46.6	1.887	2.857	6.9	20.3
5 21	16 6.31	−31 32.3	1.843	2.841	4.2	20.1
5 31	15 56.25	−31 4.5	1.826	2.825	4.4	20.0
6 10	15 46.86	−30 26.0	1.836	2.809	7.3	20.2
6 20	15 39.12	−29 41.4	1.871	2.792	10.8	20.4
6 30	15 33.75	−28 56.3	1.928	2.775	14.0	20.5

149898 2005 SG_{8} 5 23.9 215°.21 1°.1/24.4 18

4 21	16 27.89	−23 53.2	2.485	3.335	10.7	20.0
5 1	16 22.08	−24 10.6	2.403	3.332	7.9	19.8
5 11	16 14.58	−24 23.2	2.346	3.329	4.8	19.6
5 21	16 5.99	−24 30.5	2.316	3.325	1.7	19.3
5 31	15 57.09	−24 32.8	2.316	3.322	2.6	19.4
6 10	15 48.74	−24 31.7	2.343	3.318	5.8	19.6
6 20	15 41.63	−24 29.0	2.398	3.314	8.9	19.8
6 30	15 36.34	−24 27.3	2.475	3.310	11.6	20.0

295432 2008 KT_{37} 5 23.9 165°.63 2°.8/20.9 18

4 21	16 17.78	− 5 51.3	4.689	5.537	6.1	20.7
5 1	16 14.05	− 5 25.0	4.618	5.538	4.7	20.6
5 11	16 9.64	− 5 1.8	4.575	5.540	3.4	20.6
5 21	16 4.84	− 4 43.0	4.560	5.541	2.8	20.5
5 31	15 59.96	− 4 29.8	4.574	5.542	3.4	20.6
6 10	15 55.33	− 4 23.1	4.616	5.543	4.7	20.6
6 20	15 51.24	− 4 23.2	4.684	5.544	6.1	20.7
6 30	15 47.93	− 4 30.0	4.776	5.545	7.4	20.9

326112 2011 QB_{76} 5 23.9 116°.20 3°.9/27.8 18

4 21	16 22.68	−41 48.1	4.494	5.265	7.6	20.9
5 1	16 17.81	−42 1.5	4.412	5.269	6.3	20.8
5 11	16 11.90	−42 5.6	4.355	5.272	5.1	20.7
5 21	16 5.36	−41 59.7	4.324	5.276	4.1	20.7
5 31	15 58.70	−41 43.8	4.321	5.279	4.0	20.7
6 10	15 52.41	−41 19.1	4.345	5.283	4.7	20.7
6 20	15 46.94	−40 47.6	4.396	5.286	5.8	20.8
6 30	15 42.64	−40 11.7	4.473	5.290	7.1	20.9

322762 2001 FM 5 23.9 135°.12 6°.0/26.1 18

4 21	16 41.07	−36 33.6	2.162	2.964	13.8	20.9
5 1	16 32.13	−37 38.8	2.097	2.982	11.1	20.8
5 11	16 20.59	−38 29.6	2.056	3.000	8.3	20.6
5 21	16 7.38	−39 1.6	2.042	3.016	6.3	20.5
5 31	15 53.77	−39 12.8	2.056	3.032	6.3	20.6
6 10	15 41.13	−39 5.3	2.098	3.046	8.2	20.7
6 20	15 30.56	−38 43.8	2.166	3.060	10.8	20.9
6 30	15 22.78	−38 14.7	2.257	3.073	13.2	21.1

268940 2007 DS_{28} 5 23.9 134°.34 1°.4/23.3 17

4 21	16 30.07	−17 53.1	2.002	2.864	12.4	21.6
5 1	16 23.73	−17 33.9	1.939	2.876	9.0	21.4
5 11	16 15.53	−17 12.1	1.899	2.887	5.2	21.2
5 21	16 6.21	−16 49.3	1.887	2.897	1.7	21.0
5 31	15 56.74	−16 27.9	1.903	2.907	3.5	21.2
6 10	15 48.09	−16 10.5	1.947	2.917	7.2	21.4
6 20	15 41.02	−15 59.4	2.016	2.926	10.7	21.6
6 30	15 36.06	−15 56.2	2.107	2.934	13.7	21.8

514481 2016 VF_{17} 5 23.9 274°.13 3°.3/22.2 18

4 21	16 25.75	−11 7.8	2.393	3.255	10.6	21.5
5 1	16 20.56	−10 44.1	2.301	3.235	8.0	21.3
5 11	16 13.74	−10 22.4	2.234	3.215	5.2	21.1
5 21	16 5.84	−10 5.0	2.194	3.194	3.4	21.0
5 31	15 57.59	− 9 54.1	2.182	3.174	4.6	21.0
6 10	15 49.79	− 9 51.7	2.198	3.153	7.5	21.1
6 20	15 43.11	− 9 58.8	2.239	3.132	10.5	21.3
6 30	15 38.13	−10 15.9	2.302	3.110	13.2	21.4

496223 2011 WL_{104} 5 23.9 286°.59 5°.1/25.6 17

4 21	16 31.87	−31 39.5	1.346	2.205	17.4	21.7
5 1	16 26.55	−32 2.6	1.265	2.192	13.6	21.4
5 11	16 17.89	−32 9.6	1.204	2.179	9.4	21.1
5 21	16 6.86	−31 56.8	1.166	2.166	5.7	20.9
5 31	15 55.05	−31 23.8	1.152	2.153	5.9	20.8
6 10	15 44.27	−30 34.9	1.161	2.140	9.9	21.0
6 20	15 36.01	−29 38.0	1.193	2.127	14.5	21.2
6 30	15 31.24	−28 41.7	1.244	2.114	18.7	21.5

303757 2005 QF_{127} 5 23.9 314°.44 2°.5/25.1 16

4 21	16 27.50	−28 34.2	2.199	3.046	12.0	21.1
5 1	16 22.02	−28 42.4	2.121	3.045	9.1	20.9
5 11	16 14.63	−28 41.4	2.067	3.043	5.9	20.7
5 21	16 6.04	−28 30.4	2.038	3.042	3.0	20.5
5 31	15 57.16	−28 10.5	2.038	3.041	3.4	20.5
6 10	15 48.95	−27 44.0	2.065	3.040	6.4	20.7
6 20	15 42.23	−27 14.6	2.117	3.039	9.7	20.9
6 30	15 37.57	−26 46.2	2.193	3.038	12.6	21.1

44423 1998 SP_{162} 5 23.9 317°.04 1°.4/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 26.05	−20 21.6	1.810	2.682	13.0	18.0
5 1	16 21.11	−19 23.9	1.734	2.677	9.5	17.8
5 11	16 14.14	−18 18.8	1.682	2.671	5.5	17.5
5 21	16 5.93	−17 9.6	1.656	2.666	1.7	17.2
5 31	15 57.46	−16 1.1	1.657	2.662	3.8	17.4
6 10	15 49.78	−14 58.5	1.685	2.657	8.0	17.6
6 20	15 43.72	−14 6.3	1.738	2.652	11.8	17.8
6 30	15 39.86	−13 27.5	1.811	2.648	15.1	18.0

182836 2002 CM_{7} 5 23.9 117°.14 3°.6/25.8 17

4 21	16 30.88	−33 3.5	2.803	3.619	10.6	20.8
5 1	16 24.09	−33 33.5	2.737	3.637	8.2	20.7
5 11	16 15.67	−33 53.6	2.696	3.655	5.8	20.5
5 21	16 6.26	−34 2.4	2.683	3.673	3.9	20.4
5 31	15 56.68	−33 59.8	2.699	3.690	3.9	20.5
6 10	15 47.75	−33 47.6	2.744	3.707	5.8	20.6
6 20	15 40.15	−33 28.7	2.816	3.723	8.1	20.8
6 30	15 34.39	−33 6.5	2.911	3.738	10.3	20.9

420852 2013 JS_{56} 5 23.9 267°.09 4°.2/22.2 18

4 21	16 29.64	−13 1.0	1.570	2.445	14.5	21.2
5 1	16 24.16	−12 17.4	1.485	2.427	10.9	21.0
5 11	16 16.16	−11 33.3	1.423	2.408	6.9	20.7
5 21	16 6.44	−10 52.7	1.385	2.388	4.2	20.5
5 31	15 56.14	−10 20.2	1.373	2.369	6.1	20.5
6 10	15 46.53	− 9 59.9	1.387	2.349	10.3	20.7
6 20	15 38.73	− 9 54.5	1.423	2.328	14.6	20.9
6 30	15 33.54	−10 4.9	1.478	2.308	18.3	21.1

93323 2000 SL_{221} 5 23.9 280°.13 2°.8/23.0 18

4 21	16 29.63	−13 13.8	1.774	2.643	13.4	19.5
5 1	16 23.93	−13 13.6	1.688	2.627	10.0	19.3
5 11	16 15.94	−13 16.1	1.625	2.611	6.1	19.0
5 21	16 6.39	−13 22.7	1.588	2.595	3.0	18.8
5 31	15 56.28	−13 35.1	1.578	2.579	4.7	18.9
6 10	15 46.79	−13 54.6	1.595	2.562	8.7	19.0
6 20	15 38.90	−14 22.1	1.635	2.546	12.7	19.2
6 30	15 33.38	−14 57.9	1.697	2.530	16.2	19.4

482630 2013 AN_{73} 5 23.9 93°.55 5°.3/22.1 18

4 21	16 28.99	− 2 33.4	2.405	3.248	11.2	20.8
5 1	16 22.62	− 2 34.5	2.347	3.261	8.8	20.6
5 11	16 14.77	− 2 44.7	2.313	3.273	6.5	20.5
5 21	16 6.05	− 3 5.9	2.306	3.286	5.3	20.4
5 31	15 57.22	− 3 38.9	2.328	3.299	6.1	20.5
6 10	15 49.03	− 4 23.2	2.378	3.311	8.2	20.7
6 20	15 42.10	− 5 17.6	2.453	3.323	10.6	20.8
6 30	15 36.89	− 6 20.2	2.551	3.335	12.7	21.0

463745 2014 QT_{423} 5 23.9 209°.95 1°.6/23.1 16

4 21	16 31.25	−18 50.5	1.804	2.668	13.4	21.3
5 1	16 24.96	−18 9.8	1.724	2.662	9.8	21.0
5 11	16 16.43	−17 23.6	1.668	2.656	5.8	20.8
5 21	16 6.48	−16 34.4	1.638	2.648	1.9	20.5
5 31	15 56.18	−15 46.1	1.637	2.640	4.0	20.6
6 10	15 46.68	−15 2.9	1.662	2.631	8.3	20.9
6 20	15 38.91	−14 28.9	1.712	2.622	12.3	21.1
6 30	15 33.54	−14 6.6	1.784	2.611	15.7	21.3

41191 1999 VL_{203} 5 23.9 215°.87 8°.6/17.6 18

4 21	16 24.07	+ 9 10.9	2.747	3.554	11.0	19.5
5 1	16 19.02	+10 9.1	2.687	3.550	9.7	19.4
5 11	16 12.70	+10 54.1	2.650	3.544	8.8	19.4
5 21	16 5.60	+11 21.8	2.638	3.539	8.6	19.3
5 31	15 58.35	+11 29.8	2.651	3.534	9.3	19.4
6 10	15 51.57	+11 17.4	2.687	3.528	10.6	19.5
6 20	15 45.80	+10 45.6	2.745	3.522	12.1	19.6
6 30	15 41.46	+ 9 56.7	2.822	3.516	13.6	19.7

211452 2003 BG_{28} 5 23.9 38°.08 8°.7/19.7 17

4 21	16 24.63	+ 1 16.8	1.852	2.706	13.6	19.4
5 1	16 19.80	+ 2 21.2	1.806	2.717	11.2	19.2
5 11	16 13.27	+ 3 12.1	1.783	2.727	9.3	19.2
5 21	16 5.74	+ 3 44.7	1.784	2.739	8.7	19.1
5 31	15 58.12	+ 3 55.5	1.809	2.750	9.7	19.2
6 10	15 51.28	+ 3 43.6	1.858	2.762	11.7	19.4
6 20	15 45.90	+ 3 10.7	1.928	2.775	14.0	19.5
6 30	15 42.47	+ 2 19.9	2.017	2.787	16.1	19.7

476978 2008 YT_{49} 5 23.9 83°.87 0°.3/23.8 17

4 21	16 27.61	−20 25.2	2.012	2.876	12.2	21.9
5 1	16 22.12	−20 20.0	1.939	2.877	8.9	21.7
5 11	16 14.71	−20 10.8	1.890	2.878	5.2	21.5
5 21	16 6.11	−19 58.3	1.868	2.879	1.2	21.2
5 31	15 57.23	−19 44.4	1.873	2.880	3.0	21.4
6 10	15 49.07	−19 31.3	1.906	2.881	6.9	21.6
6 20	15 42.41	−19 21.6	1.963	2.882	10.5	21.8
6 30	15 37.84	−19 17.4	2.043	2.883	13.6	22.0

308603 2005 VA_{111} 5 23.9 99°.08 1°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 25.18	−19 2.1	2.434	3.295	10.5	21.8
5 1	16 19.98	−18 34.9	2.367	3.304	7.6	21.6
5 11	16 13.30	−18 4.6	2.324	3.312	4.4	21.4
5 21	16 5.76	−17 32.8	2.310	3.320	1.3	21.2
5 31	15 58.10	−17 1.9	2.324	3.328	2.9	21.3
6 10	15 51.05	−16 34.3	2.365	3.336	6.1	21.6
6 20	15 45.22	−16 12.2	2.433	3.344	9.1	21.8
6 30	15 41.08	−15 57.4	2.524	3.351	11.7	21.9

46096 2001 FB 5 23.9 123°.89 19°.8/12.2 18

4 21	16 32.34	+17 41.3	1.235	2.043	21.7	18.5
5 1	16 26.08	+20 42.5	1.217	2.055	20.4	18.4
5 11	16 17.12	+23 5.4	1.217	2.067	19.8	18.4
5 21	16 6.64	+24 38.6	1.235	2.078	20.1	18.4
5 31	15 56.10	+25 16.5	1.269	2.088	21.1	18.6
6 10	15 46.93	+25 1.3	1.319	2.098	22.5	18.7
6 20	15 40.13	+24 0.7	1.381	2.108	24.0	18.8
6 30	15 36.30	+22 24.4	1.454	2.116	25.4	19.0

262147 2006 SC_{73} 5 23.9 177°.25 1°.6/23.1 17

4 21	16 30.40	−17 22.6	2.074	2.934	12.1	22.1
5 1	16 24.03	−16 57.0	2.000	2.936	8.8	21.9
5 11	16 15.77	−16 28.9	1.951	2.938	5.2	21.7
5 21	16 6.35	−16 0.0	1.930	2.939	1.9	21.5
5 31	15 56.69	−15 32.9	1.937	2.939	3.6	21.6
6 10	15 47.77	−15 10.4	1.972	2.939	7.3	21.8
6 20	15 40.35	−14 54.9	2.032	2.938	10.8	22.1
6 30	15 35.02	−14 48.2	2.115	2.936	13.8	22.3

27208 Jennyliu 5 23.9 129°.19 0°.3/24.1 18 R

4 21	16 27.88	−22 50.1	2.330	3.185	11.2	19.3
5 1	16 22.02	−22 37.0	2.262	3.195	8.1	19.2
5 11	16 14.52	−22 18.2	2.219	3.204	4.8	19.0
5 21	16 6.05	−21 54.6	2.203	3.214	1.2	18.7
5 31	15 57.43	−21 28.0	2.216	3.223	2.5	18.8
6 10	15 49.50	−21 1.1	2.257	3.232	6.0	19.1
6 20	15 42.94	−20 36.6	2.324	3.240	9.2	19.3
6 30	15 38.25	−20 17.0	2.415	3.248	11.9	19.5

368394 2002 SR_{11} 5 23.9 280°.74 1°.5/24.4 17

4 21	16 30.44	−24 40.5	1.604	2.470	14.8	21.3
5 1	16 24.98	−24 43.3	1.513	2.449	11.1	21.0
5 11	16 16.79	−24 37.4	1.443	2.428	6.8	20.7
5 21	16 6.67	−24 22.1	1.398	2.407	2.3	20.4
5 31	15 55.83	−23 58.4	1.379	2.386	3.7	20.4
6 10	15 45.68	−23 29.9	1.386	2.365	8.5	20.7
6 20	15 37.46	−23 1.3	1.416	2.344	13.1	20.9
6 30	15 32.05	−22 37.4	1.467	2.322	17.1	21.1

290638 2005 UJ_{252} 5 23.9 151°.81 5°.4/27.2 17

4 21	16 30.44	−40 2.9	2.831	3.620	11.2	21.0
5 1	16 23.98	−40 31.4	2.754	3.626	9.2	20.9
5 11	16 15.73	−40 46.5	2.701	3.632	7.2	20.8
5 21	16 6.35	−40 46.2	2.673	3.637	5.7	20.7
5 31	15 56.72	−40 30.2	2.673	3.642	5.5	20.7
6 10	15 47.75	−40 0.4	2.701	3.647	6.7	20.8
6 20	15 40.19	−39 20.6	2.754	3.652	8.6	20.9
6 30	15 34.61	−38 35.2	2.831	3.656	10.6	21.0

403253 2008 YF_{16} 5 23.9 136°.30 4°.2/22.5 16

4 21	16 32.84	−10 55.6	1.627	2.493	14.5	21.6
5 1	16 26.08	−10 33.8	1.568	2.504	10.8	21.3
5 11	16 17.05	−10 16.0	1.533	2.515	6.9	21.1
5 21	16 6.65	−10 5.0	1.523	2.524	4.3	21.0
5 31	15 56.06	−10 3.4	1.540	2.533	5.8	21.1
6 10	15 46.46	−10 12.9	1.583	2.542	9.5	21.3
6 20	15 38.76	−10 33.8	1.649	2.550	13.2	21.6
6 30	15 33.58	−11 5.9	1.737	2.557	16.4	21.8

393975 2005 UY_{323} 5 23.9 97°.97 3°.6/21.7 17

4 21	16 24.53	−11 43.5	2.299	3.165	10.9	21.3
5 1	16 19.56	−10 55.8	2.232	3.168	8.1	21.1
5 11	16 13.09	−10 9.4	2.190	3.171	5.2	20.9
5 21	16 5.74	− 9 27.5	2.176	3.175	3.6	20.8
5 31	15 58.23	− 8 53.0	2.189	3.178	4.9	20.9
6 10	15 51.33	− 8 28.7	2.229	3.181	7.6	21.1
6 20	15 45.66	− 8 15.8	2.294	3.184	10.4	21.3
6 30	15 41.67	− 8 14.8	2.381	3.188	12.9	21.5

131230 2001 DD_{101} 5 23.9 128°.49 1°.3/23.4 18

4 21	16 29.51	−17 2.5	2.003	2.866	12.3	20.1
5 1	16 23.43	−17 1.3	1.936	2.873	9.0	19.9
5 11	16 15.45	−16 59.0	1.893	2.880	5.2	19.7
5 21	16 6.29	−16 56.5	1.877	2.887	1.7	19.5
5 31	15 56.91	−16 55.3	1.889	2.893	3.4	19.6
6 10	15 48.27	−16 57.1	1.928	2.899	7.2	19.9
6 20	15 41.17	−17 3.5	1.993	2.905	10.7	20.1
6 30	15 36.18	−17 15.9	2.080	2.911	13.7	20.3

106553 2000 WP_{74} 5 23.9 99°.58 2°.6/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.82	−28 5.6	2.313	3.156	11.6	19.6
5 1	16 22.94	−28 32.4	2.238	3.160	8.8	19.4
5 11	16 15.18	−28 51.4	2.187	3.163	5.7	19.3
5 21	16 6.24	−29 1.4	2.163	3.166	3.0	19.1
5 31	15 57.00	−29 2.4	2.168	3.169	3.4	19.1
6 10	15 48.40	−28 56.0	2.200	3.173	6.3	19.3
6 20	15 41.22	−28 45.1	2.257	3.176	9.3	19.5
6 30	15 36.06	−28 33.0	2.339	3.179	12.0	19.7

320641 2008 CM_{92} 5 23.9 320°.87 0°.4/23.8 17

4 21	16 27.18	−20 6.2	1.278	2.166	16.3	20.3
5 1	16 23.00	−20 9.7	1.197	2.146	12.1	20.0
5 11	16 15.82	−20 8.8	1.135	2.127	7.2	19.6
5 21	16 6.47	−20 4.2	1.097	2.108	1.7	19.2
5 31	15 56.33	−19 57.4	1.082	2.090	4.2	19.3
6 10	15 46.98	−19 51.7	1.090	2.073	9.8	19.6
6 20	15 39.80	−19 50.7	1.120	2.056	15.0	19.8
6 30	15 35.79	−19 57.5	1.169	2.041	19.5	20.1

249155 2008 AH_{115} 5 23.9 314°.40 8°.5/28.1 17

4 21	16 31.21	−44 27.2	2.089	2.874	14.7	20.2
5 1	16 25.43	−45 11.5	2.004	2.865	12.6	20.0
5 11	16 16.97	−45 36.6	1.940	2.855	10.4	19.9
5 21	16 6.69	−45 38.2	1.899	2.846	8.9	19.8
5 31	15 55.87	−45 14.6	1.883	2.837	8.5	19.7
6 10	15 45.92	−44 28.0	1.891	2.828	9.7	19.8
6 20	15 38.00	−43 24.2	1.922	2.819	11.8	19.9
6 30	15 32.90	−42 10.6	1.975	2.811	14.1	20.0

50297 2000 CS_{33} 5 23.9 243°.07 6°.5/20.9 18

4 21	16 28.89	− 5 28.1	1.795	2.657	13.6	19.1
5 1	16 23.22	− 4 38.4	1.719	2.646	10.6	18.9
5 11	16 15.46	− 3 55.4	1.666	2.635	7.8	18.7
5 21	16 6.33	− 3 23.9	1.639	2.623	6.5	18.6
5 31	15 56.81	− 3 8.0	1.638	2.611	7.9	18.6
6 10	15 47.98	− 3 10.1	1.661	2.598	10.8	18.8
6 20	15 40.71	− 3 30.3	1.708	2.585	14.0	18.9
6 30	15 35.67	− 4 7.4	1.775	2.572	17.0	19.1

156275 2001 VC_{90} 5 23.9 203°.97 3°.1/22.4 17

4 21	16 29.24	−12 26.8	2.191	3.051	11.6	21.3
5 1	16 23.14	−12 0.8	2.113	3.046	8.6	21.1
5 11	16 15.27	−11 36.1	2.059	3.041	5.4	20.9
5 21	16 6.27	−11 14.9	2.032	3.035	3.2	20.8
5 31	15 56.98	−10 59.7	2.034	3.028	4.6	20.8
6 10	15 48.31	−10 52.6	2.063	3.021	7.7	21.0
6 20	15 40.98	−10 54.9	2.118	3.013	10.9	21.2
6 30	15 35.58	−11 7.2	2.195	3.005	13.8	21.4

422344 2014 SJ_{227} 5 23.9 250°.11 3°.0/22.9 17

4 21	16 31.51	−14 20.8	1.555	2.427	14.8	20.5
5 1	16 25.57	−14 6.3	1.474	2.415	11.0	20.2
5 11	16 17.03	−13 52.4	1.416	2.403	6.7	20.0
5 21	16 6.72	−13 41.3	1.383	2.390	3.1	19.7
5 31	15 55.84	−13 35.8	1.376	2.378	5.1	19.8
6 10	15 45.73	−13 38.4	1.395	2.364	9.6	20.0
6 20	15 37.51	−13 50.8	1.437	2.350	13.9	20.2
6 30	15 32.00	−14 14.0	1.499	2.336	17.7	20.4

144665 2004 FO_{125} 5 23.9 292°.36 3°.6/21.8 16

4 21	16 24.85	−13 6.9	2.045	2.916	11.8	20.1
5 1	16 20.07	−12 10.7	1.966	2.905	8.8	19.9
5 11	16 13.53	−11 13.8	1.911	2.894	5.6	19.7
5 21	16 5.88	−10 19.8	1.882	2.883	3.6	19.5
5 31	15 57.94	− 9 32.9	1.880	2.872	5.2	19.6
6 10	15 50.61	− 8 56.7	1.906	2.861	8.4	19.8
6 20	15 44.62	− 8 33.5	1.955	2.851	11.7	19.9
6 30	15 40.54	− 8 24.3	2.025	2.840	14.6	20.1

80471 2000 AK_{29} 5 23.9 242°.64 2°.1/24.8 18

4 21	16 32.25	−27 16.2	1.956	2.803	13.2	20.1
5 1	16 25.88	−27 16.4	1.861	2.787	10.0	19.8
5 11	16 17.13	−27 6.6	1.790	2.769	6.3	19.6
5 21	16 6.75	−26 45.9	1.745	2.751	2.7	19.3
5 31	15 55.82	−26 15.1	1.727	2.733	3.5	19.3
6 10	15 45.55	−25 37.5	1.737	2.713	7.4	19.5
6 20	15 36.97	−24 57.7	1.773	2.693	11.3	19.7
6 30	15 30.86	−24 20.7	1.831	2.672	14.8	19.9

391280 2006 SL_{168} 5 23.9 214°.59 0°.7/24.3 18

4 21	16 27.01	−24 11.9	2.243	3.098	11.5	21.6
5 1	16 21.58	−23 57.9	2.164	3.096	8.5	21.4
5 11	16 14.38	−23 37.0	2.109	3.094	5.0	21.2
5 21	16 6.07	−23 9.7	2.081	3.091	1.5	20.9
5 31	15 57.52	−22 38.0	2.081	3.089	2.6	21.0
6 10	15 49.62	−22 4.9	2.110	3.086	6.3	21.3
6 20	15 43.10	−21 33.5	2.164	3.083	9.6	21.5
6 30	15 38.52	−21 6.9	2.241	3.080	12.5	21.6

173276 1999 TC_{40} 5 23.9 253°.19 1°.8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 30.70	−17 18.0	1.761	2.628	13.6	20.9
5 1	16 24.79	−16 57.0	1.671	2.611	10.0	20.6
5 11	16 16.52	−16 33.1	1.605	2.593	5.9	20.4
5 21	16 6.61	−16 8.0	1.565	2.575	2.1	20.1
5 31	15 56.16	−15 44.5	1.552	2.556	4.2	20.2
6 10	15 46.35	−15 25.8	1.566	2.537	8.6	20.4
6 20	15 38.23	−15 14.8	1.604	2.517	12.8	20.6
6 30	15 32.56	−15 14.0	1.663	2.497	16.4	20.8

146593 2001 TD_{153} 5 23.9 55°.96 0°.7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.00	−18 32.4	1.451	2.327	15.4	18.9
5 1	16 25.04	−18 42.9	1.397	2.341	11.2	18.7
5 11	16 16.57	−18 51.2	1.366	2.355	6.5	18.4
5 21	16 6.58	−18 57.6	1.358	2.369	1.6	18.1
5 31	15 56.38	−19 3.4	1.377	2.384	3.8	18.3
6 10	15 47.28	−19 10.5	1.421	2.399	8.5	18.6
6 20	15 40.29	−19 21.2	1.488	2.414	12.7	18.9
6 30	15 36.06	−19 37.2	1.576	2.429	16.3	19.2

110883 2001 UY_{107} 5 23.9 287°.93 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.25	−19 44.0	2.115	2.979	11.7	19.8
5 1	16 21.09	−19 26.5	2.037	2.975	8.5	19.6
5 11	16 14.12	−19 5.0	1.983	2.971	5.0	19.4
5 21	16 6.03	−18 41.0	1.956	2.967	1.2	19.1
5 31	15 57.66	−18 16.6	1.957	2.963	3.0	19.2
6 10	15 49.93	−17 54.5	1.986	2.959	6.8	19.5
6 20	15 43.59	−17 37.3	2.039	2.955	10.3	19.7
6 30	15 39.21	−17 27.2	2.115	2.951	13.3	19.8

382464 2000 SA_{95} 5 23.9 278°.63 0°.2/24.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.17	−22 54.9	1.850	2.712	13.2	21.4
5 1	16 23.71	−22 34.7	1.751	2.687	9.8	21.1
5 11	16 15.92	−22 6.3	1.675	2.662	5.8	20.8
5 21	16 6.49	−21 30.5	1.625	2.636	1.4	20.5
5 31	15 56.47	−20 49.5	1.603	2.610	3.3	20.5
6 10	15 47.04	−20 7.4	1.607	2.583	7.8	20.7
6 20	15 39.21	−19 28.6	1.636	2.556	12.1	20.9
6 30	15 33.79	−18 57.4	1.686	2.529	15.8	21.1

374963 2007 DS_{2} 5 23.9 217°.47 6°.2/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.08	− 6 28.7	1.702	2.570	13.9	20.7
5 1	16 22.62	− 5 45.6	1.638	2.569	10.7	20.5
5 11	16 15.09	− 5 9.7	1.596	2.569	7.7	20.3
5 21	16 6.26	− 4 45.1	1.580	2.568	6.2	20.2
5 31	15 57.16	− 4 35.6	1.589	2.568	7.5	20.3
6 10	15 48.86	− 4 43.0	1.623	2.567	10.5	20.5
6 20	15 42.21	− 5 7.2	1.680	2.566	13.7	20.7
6 30	15 37.83	− 5 46.6	1.756	2.565	16.7	20.9

93982 2000 XZ_{11} 5 23.9 58°.58 3°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.71	−29 48.8	2.260	3.100	12.0	19.1
5 1	16 22.94	−30 16.2	2.185	3.103	9.2	18.9
5 11	16 15.23	−30 34.5	2.134	3.106	6.1	18.7
5 21	16 6.30	−30 42.3	2.110	3.110	3.6	18.5
5 31	15 57.05	−30 39.5	2.114	3.113	3.8	18.5
6 10	15 48.48	−30 28.0	2.144	3.116	6.5	18.7
6 20	15 41.39	−30 11.0	2.201	3.120	9.5	18.9
6 30	15 36.38	−29 52.2	2.281	3.123	12.2	19.1

13159 1995 UW_{3} 5 23.9 227°.65 1°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.84	−24 38.1	1.945	2.798	13.1	19.5
5 1	16 25.49	−24 36.4	1.857	2.787	9.7	19.3
5 11	16 16.86	−24 26.9	1.792	2.776	5.9	19.1
5 21	16 6.69	−24 9.2	1.754	2.764	1.9	18.8
5 31	15 56.07	−23 44.6	1.744	2.751	3.1	18.8
6 10	15 46.13	−23 16.1	1.762	2.738	7.3	19.0
6 20	15 37.86	−22 47.8	1.805	2.723	11.2	19.3
6 30	15 31.99	−22 23.5	1.870	2.709	14.7	19.4

61337 2000 OE_{68} 5 23.9 311°.87 2°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.85	−16 27.0	1.501	2.381	14.8	19.1
5 1	16 23.00	−16 18.3	1.421	2.366	10.9	18.8
5 11	16 15.60	−16 8.6	1.362	2.351	6.5	18.5
5 21	16 6.43	−15 59.7	1.328	2.337	2.4	18.2
5 31	15 56.68	−15 54.0	1.319	2.323	4.5	18.3
6 10	15 47.68	−15 54.2	1.335	2.310	9.2	18.6
6 20	15 40.55	−16 2.4	1.373	2.297	13.7	18.8
6 30	15 36.10	−16 20.3	1.431	2.284	17.6	19.0

302036 2000 SU_{286} 5 23.9 272°.04 5°.2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.19	−36 5.8	2.332	3.148	12.4	20.9
5 1	16 24.27	−36 38.6	2.237	3.132	10.0	20.7
5 11	16 16.16	−36 58.8	2.164	3.116	7.5	20.5
5 21	16 6.55	−37 3.8	2.118	3.099	5.5	20.3
5 31	15 56.41	−36 52.6	2.098	3.082	5.5	20.3
6 10	15 46.84	−36 26.9	2.105	3.066	7.4	20.4
6 20	15 38.81	−35 50.7	2.138	3.048	10.1	20.5
6 30	15 33.04	−35 9.1	2.193	3.031	12.8	20.7

367510 2009 NV 5 23.9 249°.89 8°.6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.59	+ 0 29.1	1.891	2.739	13.6	20.7
5 1	16 22.95	+ 1 34.5	1.815	2.724	11.2	20.5
5 11	16 15.30	+ 2 29.3	1.761	2.708	9.3	20.3
5 21	16 6.33	+ 3 7.7	1.733	2.691	8.7	20.2
5 31	15 56.97	+ 3 25.0	1.729	2.674	9.8	20.3
6 10	15 48.22	+ 3 19.0	1.750	2.656	12.2	20.4
6 20	15 40.93	+ 2 50.2	1.793	2.638	14.9	20.5
6 30	15 35.75	+ 2 1.2	1.855	2.620	17.5	20.7

212646 2006 UV_{52} 5 23.9 320°.98 1°.0/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.25	−18 33.3	1.953	2.823	12.3	21.2
5 1	16 21.25	−18 23.3	1.875	2.816	9.0	21.0
5 11	16 14.30	−18 10.6	1.820	2.809	5.3	20.8
5 21	16 6.10	−17 56.4	1.792	2.802	1.5	20.5
5 31	15 57.56	−17 42.6	1.790	2.796	3.3	20.6
6 10	15 49.67	−17 31.8	1.816	2.790	7.3	20.9
6 20	15 43.25	−17 26.1	1.866	2.784	11.0	21.1
6 30	15 38.93	−17 27.5	1.937	2.778	14.1	21.3

481006 2004 RV_{7} 5 23.9 266°.02 5°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.33	− 3 16.2	2.675	3.524	10.1	21.4
5 1	16 19.38	− 2 15.1	2.586	3.501	8.0	21.2
5 11	16 13.04	− 1 19.1	2.523	3.478	6.3	21.1
5 21	16 5.80	− 0 31.8	2.486	3.455	5.7	21.0
5 31	15 58.27	+ 0 3.3	2.478	3.431	6.8	21.1
6 10	15 51.13	+ 0 23.8	2.495	3.407	8.8	21.1
6 20	15 44.97	+ 0 28.8	2.538	3.383	11.0	21.3
6 30	15 40.27	+ 0 18.7	2.601	3.358	13.2	21.4

357804 2005 TG_{130} 5 23.9 221°.20 2°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 28.09	−27 25.5	2.528	3.370	10.8	21.7
5 1	16 22.32	−27 43.9	2.444	3.366	8.1	21.5
5 11	16 14.82	−27 55.2	2.385	3.361	5.2	21.4
5 21	16 6.22	−27 58.7	2.352	3.357	2.5	21.2
5 31	15 57.29	−27 54.5	2.349	3.352	3.0	21.2
6 10	15 48.91	−27 44.4	2.374	3.347	5.9	21.4
6 20	15 41.79	−27 30.8	2.425	3.342	8.8	21.5
6 30	15 36.51	−27 16.9	2.500	3.337	11.5	21.7

21740 1999 RR_{159} 5 23.9 253°.04 5°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 33.14	−36 38.9	2.141	2.955	13.4	19.4
5 1	16 26.67	−37 18.9	2.046	2.939	10.9	19.2
5 11	16 17.68	−37 45.4	1.974	2.923	8.2	19.0
5 21	16 6.93	−37 54.6	1.927	2.906	6.2	18.8
5 31	15 55.53	−37 45.1	1.907	2.889	6.1	18.8
6 10	15 44.77	−37 18.5	1.913	2.871	8.2	18.9
6 20	15 35.76	−36 39.4	1.945	2.853	11.1	19.0
6 30	15 29.32	−35 53.9	1.998	2.835	13.9	19.2

294754 2008 CE_{17} 5 23.9 330°.30 5°.2/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.35	− 7 21.9	2.119	2.984	11.7	20.6
5 1	16 19.60	− 6 31.4	2.050	2.981	8.9	20.4
5 11	16 13.22	− 5 45.6	2.006	2.978	6.4	20.3
5 21	16 5.84	− 5 8.2	1.987	2.975	5.2	20.2
5 31	15 58.25	− 4 42.7	1.996	2.973	6.4	20.3
6 10	15 51.27	− 4 31.3	2.030	2.970	9.0	20.4
6 20	15 45.57	− 4 34.7	2.088	2.968	11.7	20.6
6 30	15 41.66	− 4 52.5	2.167	2.966	14.3	20.7

135507 2001 XL_{191} 5 23.9 69°.66 2°.7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.88	−13 27.3	2.183	3.049	11.3	19.7
5 1	16 20.64	−13 6.1	2.118	3.056	8.3	19.5
5 11	16 13.79	−12 46.0	2.078	3.063	5.1	19.3
5 21	16 5.97	−12 29.1	2.065	3.070	2.8	19.2
5 31	15 57.98	−12 17.5	2.080	3.077	4.1	19.3
6 10	15 50.65	−12 13.1	2.122	3.084	7.2	19.5
6 20	15 44.64	−12 16.9	2.188	3.092	10.3	19.7
6 30	15 40.44	−12 29.4	2.277	3.099	12.9	19.9

253852 2003 YR_{156} 5 23.9 218°.27 0°.6/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.15	−21 42.2	1.709	2.576	13.9	21.0
5 1	16 24.31	−21 4.1	1.632	2.571	10.2	20.8
5 11	16 16.17	−20 17.9	1.578	2.566	6.0	20.5
5 21	16 6.55	−19 25.7	1.549	2.560	1.4	20.2
5 31	15 56.59	−18 31.3	1.548	2.554	3.6	20.3
6 10	15 47.49	−17 39.7	1.573	2.548	8.1	20.6
6 20	15 40.21	−16 55.6	1.623	2.541	12.3	20.8
6 30	15 35.43	−16 22.5	1.694	2.534	15.9	21.0

505186 2012 TW_{114} 5 23.9 158°.51 2°.3/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.64	−16 31.1	2.204	3.069	11.3	21.6
5 1	16 21.19	−15 37.1	2.134	3.072	8.2	21.5
5 11	16 14.10	−14 40.3	2.089	3.075	4.9	21.3
5 21	16 6.05	−13 43.9	2.071	3.078	2.4	21.1
5 31	15 57.84	−12 51.4	2.082	3.081	4.0	21.2
6 10	15 50.32	−12 6.5	2.121	3.083	7.3	21.4
6 20	15 44.14	−11 31.7	2.185	3.085	10.4	21.6
6 30	15 39.80	−11 8.8	2.271	3.087	13.2	21.8

167755 2004 XN_{75} 5 23.9 175°.75 3°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.84	−29 28.7	1.657	2.508	15.1	20.3
5 1	16 26.46	−29 23.8	1.584	2.510	11.5	20.1
5 11	16 17.48	−29 5.1	1.533	2.511	7.4	19.9
5 21	16 6.86	−28 31.9	1.507	2.512	3.6	19.6
5 31	15 55.90	−27 46.0	1.508	2.512	4.1	19.7
6 10	15 45.98	−26 52.2	1.535	2.512	8.0	19.9
6 20	15 38.15	−25 56.9	1.586	2.512	12.1	20.1
6 30	15 33.13	−25 6.0	1.659	2.511	15.6	20.4

230112 2001 BX_{13} 5 23.9 111°.15 3°.0/22.5 17

4 21	16 27.53	−13 44.4	1.931	2.799	12.5	20.8
5 1	16 22.03	−13 12.9	1.866	2.805	9.2	20.6
5 11	16 14.66	−12 42.0	1.825	2.810	5.7	20.4
5 21	16 6.19	−12 14.3	1.811	2.816	3.1	20.2
5 31	15 57.51	−11 52.8	1.824	2.821	4.6	20.4
6 10	15 49.60	−11 40.0	1.864	2.826	8.1	20.6
6 20	15 43.20	−11 37.3	1.928	2.831	11.4	20.8
6 30	15 38.86	−11 45.4	2.013	2.836	14.3	21.0

153128 2000 SF_{132} 5 23.9 315°.20 2°.2/25.2 18

4 21	16 27.65	−29 49.0	1.535	2.397	15.5	18.8
5 1	16 22.89	−29 1.5	1.451	2.384	11.8	18.5
5 11	16 15.50	−27 55.3	1.388	2.370	7.4	18.2
5 21	16 6.42	−26 31.5	1.350	2.358	3.1	17.9
5 31	15 56.93	−24 54.8	1.338	2.345	3.7	17.9
6 10	15 48.41	−23 13.0	1.351	2.333	8.4	18.2
6 20	15 41.95	−21 34.9	1.389	2.321	12.9	18.4
6 30	15 38.28	−20 8.2	1.448	2.310	16.9	18.6

68413 2001 QB_{196} 5 23.9 162°.69 5°.6/26.8 17

4 21	16 31.11	−37 43.5	2.237	3.048	13.1	19.8
5 1	16 24.87	−38 11.6	2.160	3.050	10.6	19.7
5 11	16 16.45	−38 24.9	2.105	3.051	8.0	19.5
5 21	16 6.62	−38 20.9	2.076	3.053	6.0	19.4
5 31	15 56.45	−37 59.3	2.073	3.054	5.8	19.4
6 10	15 47.08	−37 22.6	2.097	3.055	7.6	19.5
6 20	15 39.43	−36 35.7	2.146	3.056	10.1	19.6
6 30	15 34.15	−35 44.3	2.218	3.057	12.7	19.8

123681 2000 YE_{93} 5 23.9 169°.61 10°.3/19.8 18

4 21	16 30.89	+12 13.3	2.322	3.111	13.3	19.9
5 1	16 24.12	+12 47.6	2.267	3.115	11.8	19.8
5 11	16 15.74	+13 3.3	2.234	3.118	10.6	19.7
5 21	16 6.42	+12 56.4	2.225	3.120	10.3	19.7
5 31	15 56.98	+12 24.9	2.240	3.123	10.8	19.7
6 10	15 48.23	+11 29.5	2.280	3.124	12.1	19.8
6 20	15 40.83	+10 13.3	2.342	3.125	13.8	19.9
6 30	15 35.28	+ 8 40.5	2.425	3.126	15.4	20.0

333141 2011 YH_{53} 5 23.9 187°.10 2°.6/22.9 17

4 21	16 31.65	−15 23.3	1.821	2.686	13.3	21.6
5 1	16 25.21	−14 55.4	1.748	2.686	9.8	21.4
5 11	16 16.61	−14 26.5	1.699	2.685	5.9	21.2
5 21	16 6.66	−13 58.7	1.676	2.683	2.7	21.0
5 31	15 56.40	−13 35.1	1.681	2.681	4.5	21.1
6 10	15 46.94	−13 18.6	1.713	2.679	8.4	21.3
6 20	15 39.17	−13 11.5	1.770	2.675	12.2	21.5
6 30	15 33.75	−13 15.1	1.848	2.671	15.4	21.7

320425 2007 VO_{66} 5 23.9 274°.27 1°.2/24.5 17

4 21	16 30.34	−26 4.8	1.504	2.371	15.5	21.1
5 1	16 24.97	−25 35.3	1.417	2.354	11.6	20.8
5 11	16 16.82	−24 52.1	1.352	2.337	7.1	20.5
5 21	16 6.76	−23 55.9	1.310	2.320	2.2	20.2
5 31	15 56.10	−22 49.9	1.295	2.303	3.7	20.2
6 10	15 46.33	−21 40.5	1.305	2.285	8.8	20.5
6 20	15 38.63	−20 34.8	1.339	2.268	13.6	20.7
6 30	15 33.86	−19 39.2	1.393	2.250	17.8	20.9

297673 2001 UJ_{108} 5 23.9 168°.67 0°.6/23.7 16

4 21	16 32.98	−19 59.5	1.644	2.509	14.5	21.4
5 1	16 26.42	−19 49.5	1.575	2.513	10.6	21.2
5 11	16 17.41	−19 34.7	1.528	2.516	6.2	20.9
5 21	16 6.85	−19 16.2	1.507	2.518	1.5	20.6
5 31	15 55.97	−18 56.2	1.514	2.520	3.6	20.8
6 10	15 46.04	−18 37.9	1.547	2.522	8.2	21.0
6 20	15 38.06	−18 24.6	1.604	2.523	12.4	21.3
6 30	15 32.73	−18 19.1	1.683	2.523	16.0	21.5

204021 2003 UB_{64} 5 23.9 287°.65 3°.9/22.5 18

4 21	16 28.47	−10 49.0	1.858	2.726	12.9	19.9
5 1	16 23.07	−10 34.9	1.768	2.704	9.8	19.6
5 11	16 15.50	−10 24.6	1.701	2.683	6.3	19.4
5 21	16 6.44	−10 20.4	1.659	2.661	4.0	19.2
5 31	15 56.84	−10 24.8	1.645	2.639	5.4	19.2
6 10	15 47.78	−10 39.5	1.657	2.618	9.0	19.4
6 20	15 40.18	−11 5.3	1.693	2.596	12.8	19.6
6 30	15 34.80	−11 42.1	1.750	2.574	16.1	19.7

494833 2007 TW_{299} 5 23.9 211°.92 0°.2/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 21.81	−20 33.6	4.066	4.915	6.9	23.6
5 1	16 17.16	−20 19.2	3.977	4.907	5.0	23.5
5 11	16 11.60	−20 2.2	3.915	4.900	2.9	23.3
5 21	16 5.49	−19 43.4	3.881	4.892	0.7	23.1
5 31	15 59.24	−19 23.9	3.878	4.884	1.7	23.2
6 10	15 53.29	−19 4.9	3.905	4.876	3.9	23.4
6 20	15 48.03	−18 47.7	3.960	4.867	6.0	23.5
6 30	15 43.78	−18 33.7	4.040	4.858	7.8	23.6

312164 2007 UW_{70} 5 23.9 52°.84 0°.8/23.6 17

4 21	16 30.24	−20 58.3	1.230	2.114	17.0	20.2
5 1	16 24.73	−20 30.3	1.184	2.131	12.4	19.9
5 11	16 16.47	−19 55.2	1.158	2.148	7.1	19.7
5 21	16 6.62	−19 15.7	1.155	2.166	1.7	19.4
5 31	15 56.68	−18 36.0	1.177	2.184	4.2	19.6
6 10	15 48.11	−18 1.4	1.223	2.202	9.3	20.0
6 20	15 41.94	−17 36.1	1.291	2.221	13.9	20.3
6 30	15 38.75	−17 22.8	1.378	2.239	17.7	20.6

17332 2120 $T\text{-}_2$ 5 23.9 286°.62 3°.5/24.9 18

4 21	16 32.07	−27 36.7	1.404	2.270	16.5	19.1
5 1	16 26.68	−28 5.3	1.317	2.251	12.6	18.8
5 11	16 18.08	−28 23.6	1.250	2.232	8.2	18.5
5 21	16 7.11	−28 28.5	1.207	2.212	4.1	18.2
5 31	15 55.22	−28 19.1	1.188	2.193	4.9	18.2
6 10	15 44.12	−27 58.1	1.194	2.174	9.5	18.4
6 20	15 35.29	−27 31.1	1.223	2.155	14.3	18.6
6 30	15 29.79	−27 4.7	1.270	2.136	18.7	18.8

341925 2008 KD_{43} 5 23.9 229°.41 2°.3/21.6 18

4 21	16 18.22	− 8 54.0	4.603	5.456	6.1	20.7
5 1	16 14.46	− 8 34.0	4.527	5.454	4.6	20.6
5 11	16 10.00	− 8 16.2	4.478	5.452	3.1	20.5
5 21	16 5.12	− 8 1.6	4.457	5.450	2.3	20.4
5 31	16 0.14	− 7 51.5	4.466	5.448	2.9	20.4
6 10	15 55.42	− 7 46.6	4.503	5.446	4.4	20.5
6 20	15 51.24	− 7 47.3	4.567	5.443	5.9	20.6
6 30	15 47.86	− 7 54.0	4.656	5.441	7.3	20.8

362707 2011 UJ_{186} 5 23.9 271°.61 1°.6/23.5 16

4 21	16 32.21	−17 42.4	1.436	2.311	15.6	21.4
5 1	16 26.50	−17 35.7	1.347	2.290	11.6	21.1
5 11	16 17.85	−17 26.5	1.280	2.269	6.9	20.7
5 21	16 7.05	−17 15.9	1.237	2.247	2.1	20.4
5 31	15 55.41	−17 6.3	1.220	2.225	4.5	20.5
6 10	15 44.47	−17 0.6	1.227	2.203	9.8	20.7
6 20	15 35.56	−17 2.0	1.258	2.180	14.8	20.9
6 30	15 29.67	−17 13.2	1.307	2.157	19.1	21.1

80281 1999 XS_{34} 5 23.9 65°.68 3°.4/22.9 18

4 21	16 30.02	−13 14.7	1.501	2.378	15.0	19.1
5 1	16 24.29	−12 59.3	1.442	2.385	11.0	18.9
5 11	16 16.17	−12 46.3	1.405	2.392	6.8	18.6
5 21	16 6.59	−12 38.1	1.393	2.399	3.5	18.5
5 31	15 56.75	−12 37.1	1.406	2.406	5.3	18.6
6 10	15 47.89	−12 45.4	1.445	2.413	9.4	18.8
6 20	15 40.98	−13 3.7	1.507	2.421	13.4	19.1
6 30	15 36.67	−13 32.4	1.588	2.428	16.8	19.3

473788 2016 EO_{87} 5 23.9 353°.16 4°.8/22.1 17

4 21	16 27.87	−11 41.1	1.411	2.294	15.4	21.0
5 1	16 22.89	−10 58.5	1.348	2.292	11.5	20.8
5 11	16 15.45	−10 18.5	1.306	2.291	7.4	20.5
5 21	16 6.44	− 9 45.5	1.288	2.290	4.8	20.4
5 31	15 57.09	− 9 23.9	1.295	2.289	6.6	20.5
6 10	15 48.69	− 9 17.0	1.326	2.289	10.6	20.7
6 20	15 42.24	− 9 26.1	1.379	2.289	14.6	20.9
6 30	15 38.45	− 9 50.6	1.451	2.289	18.1	21.1

416430 2003 UH_{264} 5 23.9 197°.52 2°.7/22.6 17

4 21	16 30.64	−15 5.1	2.004	2.865	12.4	22.3
5 1	16 24.33	−14 27.9	1.926	2.862	9.1	22.1
5 11	16 16.07	−13 49.2	1.873	2.858	5.5	21.9
5 21	16 6.57	−13 11.6	1.848	2.854	2.8	21.7
5 31	15 56.78	−12 38.5	1.850	2.848	4.4	21.8
6 10	15 47.69	−12 12.9	1.880	2.842	8.0	22.0
6 20	15 40.14	−11 57.3	1.935	2.835	11.6	22.2
6 30	15 34.71	−11 52.9	2.012	2.828	14.6	22.4

390320 2013 AG_{167} 5 23.9 241°.48 3°.9/21.6 16

4 21	16 25.02	−10 31.2	2.338	3.202	10.8	21.0
5 1	16 20.00	− 9 44.2	2.262	3.195	8.1	20.9
5 11	16 13.46	− 8 58.9	2.210	3.189	5.4	20.7
5 21	16 5.96	− 8 18.6	2.186	3.182	3.9	20.6
5 31	15 58.24	− 7 46.4	2.190	3.175	5.2	20.6
6 10	15 51.06	− 7 24.8	2.220	3.168	7.8	20.8
6 20	15 45.06	− 7 15.2	2.276	3.161	10.7	21.0
6 30	15 40.74	− 7 17.9	2.353	3.154	13.2	21.1

346140 2007 VB_{225} 5 23.9 248°.12 0°.8/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 27.64	−19 10.7	2.081	2.945	11.9	21.9
5 1	16 22.18	−19 1.3	2.002	2.940	8.7	21.6
5 11	16 14.84	−18 48.7	1.947	2.934	5.1	21.4
5 21	16 6.29	−18 34.0	1.918	2.929	1.3	21.1
5 31	15 57.43	−18 19.0	1.917	2.923	3.1	21.3
6 10	15 49.20	−18 6.0	1.944	2.917	6.9	21.5
6 20	15 42.39	−17 57.4	1.996	2.912	10.5	21.7
6 30	15 37.61	−17 55.1	2.070	2.906	13.6	21.9

297748 2001 XU_{37} 5 23.9 89°.55 3°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.91	−34 10.1	2.365	3.188	12.1	20.6
5 1	16 23.63	−34 17.5	2.304	3.208	9.4	20.5
5 11	16 15.55	−34 12.3	2.267	3.227	6.6	20.3
5 21	16 6.43	−33 53.5	2.255	3.246	4.4	20.2
5 31	15 57.21	−33 22.1	2.271	3.265	4.3	20.2
6 10	15 48.83	−32 41.4	2.316	3.284	6.4	20.4
6 20	15 42.02	−31 55.5	2.386	3.302	9.0	20.6
6 30	15 37.27	−31 9.0	2.480	3.320	11.4	20.8

368320 2002 PE_{140} 5 23.9 250°.18 1°.3/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.44	−18 43.3	1.806	2.672	13.3	22.0
5 1	16 24.58	−18 23.5	1.718	2.657	9.8	21.7
5 11	16 16.42	−17 59.6	1.653	2.641	5.8	21.5
5 21	16 6.69	−17 33.0	1.614	2.625	1.7	21.1
5 31	15 56.46	−17 6.4	1.603	2.608	3.8	21.3
6 10	15 46.88	−16 43.0	1.618	2.590	8.2	21.5
6 20	15 38.97	−16 26.2	1.658	2.573	12.3	21.7
6 30	15 33.45	−16 18.6	1.719	2.554	15.9	21.9

135456 2001 VA_{51} 5 23.9 221°.92 3°.8/25.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.67	−32 29.3	2.442	3.269	11.6	19.7
5 1	16 23.65	−32 52.3	2.356	3.263	9.1	19.5
5 11	16 15.71	−33 4.8	2.294	3.258	6.3	19.4
5 21	16 6.51	−33 5.2	2.258	3.252	4.1	19.2
5 31	15 56.94	−32 53.5	2.251	3.245	4.2	19.2
6 10	15 47.98	−32 31.5	2.271	3.239	6.5	19.3
6 20	15 40.43	−32 2.7	2.317	3.232	9.3	19.5
6 30	15 34.92	−31 31.3	2.387	3.225	11.9	19.7

42249 2001 HZ_{27} 5 23.9 329°.27 1°.1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.65	−20 24.7	1.397	2.279	15.5	18.7
5 1	16 22.93	−19 50.2	1.326	2.273	11.4	18.4
5 11	16 15.57	−19 8.4	1.276	2.267	6.7	18.1
5 21	16 6.51	−18 21.9	1.250	2.261	1.8	17.8
5 31	15 57.03	−17 34.9	1.250	2.256	4.2	17.9
6 10	15 48.51	−16 52.9	1.273	2.251	9.2	18.2
6 20	15 42.05	−16 20.6	1.319	2.247	13.9	18.5
6 30	15 38.39	−16 1.0	1.385	2.243	17.8	18.7

219582 2001 SK_{304} 5 23.9 175°.52 1°.7/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.53	−17 4.6	2.350	3.206	11.0	23.0
5 1	16 23.25	−16 34.2	2.276	3.209	8.0	22.8
5 11	16 15.33	−16 1.3	2.226	3.212	4.7	22.6
5 21	16 6.41	−15 28.0	2.205	3.214	1.8	22.4
5 31	15 57.30	−14 56.7	2.213	3.215	3.4	22.5
6 10	15 48.84	−14 30.1	2.250	3.215	6.7	22.7
6 20	15 41.70	−14 10.3	2.313	3.214	9.9	22.9
6 30	15 36.40	−13 59.1	2.399	3.213	12.6	23.1

466072 2011 YF_{10} 5 23.9 244°.08 2°.3/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.34	−15 41.5	1.676	2.544	14.1	21.7
5 1	16 26.13	−15 29.4	1.590	2.529	10.5	21.4
5 11	16 17.41	−15 16.5	1.527	2.514	6.3	21.1
5 21	16 6.96	−15 4.5	1.490	2.498	2.5	20.8
5 31	15 55.91	−14 55.9	1.479	2.482	4.5	20.9
6 10	15 45.55	−14 53.1	1.495	2.465	9.0	21.1
6 20	15 36.98	−14 58.3	1.535	2.447	13.3	21.3
6 30	15 30.99	−15 13.2	1.596	2.429	17.0	21.5

480527 2015 ME_{11} 5 23.9 252°.01 0°.3/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.48	−23 35.6	2.491	3.346	10.5	21.8
5 1	16 20.36	−23 6.0	2.406	3.338	7.7	21.6
5 11	16 13.68	−22 29.6	2.346	3.331	4.5	21.4
5 21	16 6.04	−21 47.6	2.313	3.324	1.1	21.1
5 31	15 58.18	−21 2.5	2.310	3.317	2.4	21.2
6 10	15 50.87	−20 17.3	2.334	3.309	5.8	21.4
6 20	15 44.78	−19 35.3	2.385	3.301	9.0	21.6
6 30	15 40.40	−18 59.4	2.460	3.294	11.7	21.8

259176 2003 AS_{3} 5 23.9 193°.55 17°.6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 35.41	+18 19.5	1.429	2.216	20.2	20.5
5 1	16 28.34	+19 54.5	1.384	2.215	18.7	20.4
5 11	16 18.59	+20 57.4	1.358	2.213	17.8	20.3
5 21	16 7.19	+21 18.7	1.350	2.211	17.7	20.3
5 31	15 55.51	+20 53.3	1.360	2.207	18.5	20.3
6 10	15 44.97	+19 42.7	1.389	2.203	20.0	20.4
6 20	15 36.65	+17 53.4	1.434	2.198	21.8	20.5
6 30	15 31.23	+15 34.5	1.494	2.192	23.6	20.7

354751 2005 TU_{148} 5 23.9 122°.81 3°.7/21.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.64	−10 47.5	2.353	3.217	10.7	21.7
5 1	16 19.68	−10 1.9	2.285	3.220	8.0	21.5
5 11	16 13.24	− 9 18.2	2.243	3.222	5.3	21.3
5 21	16 5.93	− 8 39.6	2.227	3.224	3.7	21.2
5 31	15 58.46	− 8 9.0	2.240	3.227	5.0	21.3
6 10	15 51.57	− 7 48.6	2.279	3.229	7.6	21.5
6 20	15 45.87	− 7 39.8	2.344	3.231	10.3	21.7
6 30	15 41.82	− 7 42.7	2.430	3.233	12.8	21.8

242821 2006 BW_{254} 5 23.9 330°.30 4°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 24.65	−14 8.1	1.043	1.946	17.8	19.6
5 1	16 21.46	−13 26.6	0.972	1.928	13.3	19.2
5 11	16 15.09	−12 44.3	0.920	1.911	8.4	18.9
5 21	16 6.47	−12 6.3	0.888	1.895	4.7	18.6
5 31	15 57.09	−11 38.9	0.879	1.880	7.1	18.7
6 10	15 48.68	−11 27.5	0.891	1.867	12.4	18.9
6 20	15 42.66	−11 34.9	0.921	1.855	17.7	19.2
6 30	15 40.01	−12 1.5	0.967	1.844	22.2	19.4

129684 1998 RD_{73} 5 23.9 228°.70 3°.0/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.96	−12 59.2	2.476	3.335	10.4	21.0
5 1	16 21.40	−12 15.3	2.390	3.323	7.7	20.9
5 11	16 14.29	−11 31.1	2.328	3.310	4.9	20.7
5 21	16 6.19	−10 49.3	2.295	3.297	3.0	20.5
5 31	15 57.82	−10 12.8	2.291	3.283	4.4	20.6
6 10	15 49.95	− 9 44.3	2.315	3.269	7.3	20.7
6 20	15 43.23	− 9 25.8	2.365	3.254	10.2	20.9
6 30	15 38.18	− 9 18.3	2.437	3.238	12.8	21.0

415088 2012 BF_{120} 5 23.9 121°.89 0°.9/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.60	−24 12.2	1.662	2.523	14.6	22.0
5 1	16 26.07	−24 1.9	1.601	2.535	10.7	21.8
5 11	16 17.17	−23 42.8	1.562	2.547	6.4	21.6
5 21	16 6.85	−23 15.7	1.548	2.558	1.8	21.3
5 31	15 56.34	−22 42.7	1.562	2.569	3.3	21.4
6 10	15 46.88	−22 8.1	1.602	2.579	7.7	21.7
6 20	15 39.43	−21 36.2	1.667	2.589	11.8	22.0
6 30	15 34.59	−21 11.0	1.753	2.599	15.2	22.2

214988 2008 BH_{14} 5 23.9 290°.07 2°.0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.01	−25 40.5	2.110	2.963	12.2	20.5
5 1	16 23.38	−26 7.3	2.024	2.952	9.2	20.3
5 11	16 15.67	−26 28.0	1.961	2.941	5.8	20.1
5 21	16 6.55	−26 41.3	1.924	2.931	2.5	19.8
5 31	15 56.95	−26 46.9	1.916	2.921	3.3	19.9
6 10	15 47.94	−26 46.3	1.934	2.910	6.8	20.1
6 20	15 40.40	−26 42.2	1.978	2.900	10.3	20.3
6 30	15 35.02	−26 37.7	2.045	2.890	13.4	20.4

391263 2006 RW_{79} 5 23.9 141°.67 4°.5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 31.25	−35 56.0	2.650	3.458	11.3	21.5
5 1	16 24.64	−36 26.4	2.576	3.467	9.0	21.4
5 11	16 16.21	−36 45.0	2.527	3.476	6.7	21.2
5 21	16 6.64	−36 49.9	2.504	3.484	4.9	21.1
5 31	15 56.81	−36 40.8	2.509	3.492	4.8	21.1
6 10	15 47.65	−36 19.7	2.542	3.500	6.5	21.2
6 20	15 39.92	−35 50.0	2.601	3.507	8.7	21.4
6 30	15 34.19	−35 16.0	2.685	3.514	11.0	21.6

278885 2008 TF_{82} 5 23.9 302°.15 3°.2/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.20	−28 15.6	1.626	2.486	14.9	20.7
5 1	16 24.20	−28 31.5	1.534	2.464	11.4	20.4
5 11	16 16.47	−28 36.6	1.463	2.443	7.4	20.1
5 21	16 6.79	−28 28.9	1.417	2.422	3.7	19.8
5 31	15 56.38	−28 8.5	1.396	2.400	4.3	19.8
6 10	15 46.65	−27 38.5	1.401	2.380	8.4	20.0
6 20	15 38.85	−27 3.8	1.429	2.359	12.8	20.2
6 30	15 33.87	−26 30.3	1.477	2.339	16.7	20.4

272711 2005 YM_{31} 5 23.9 223°.46 1°.8/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 29.31	−26 42.9	1.799	2.657	13.8	20.7
5 1	16 23.71	−26 32.8	1.724	2.656	10.3	20.5
5 11	16 15.86	−26 12.4	1.672	2.655	6.4	20.2
5 21	16 6.58	−25 41.6	1.646	2.654	2.5	20.0
5 31	15 56.99	−25 2.6	1.646	2.653	3.3	20.0
6 10	15 48.26	−24 19.4	1.674	2.652	7.4	20.3
6 20	15 41.32	−23 36.8	1.725	2.651	11.2	20.5
6 30	15 36.81	−22 59.4	1.799	2.650	14.6	20.7

79682 1998 SD_{55} 5 23.9 211°.55 1°.1/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 30.41	−19 3.7	2.032	2.892	12.3	20.9
5 1	16 24.25	−18 39.2	1.950	2.885	9.0	20.7
5 11	16 16.09	−18 10.5	1.891	2.878	5.3	20.4
5 21	16 6.64	−17 39.1	1.860	2.870	1.5	20.1
5 31	15 56.85	−17 7.7	1.857	2.862	3.4	20.3
6 10	15 47.74	−16 39.4	1.882	2.853	7.4	20.5
6 20	15 40.15	−16 17.2	1.933	2.843	11.0	20.7
6 30	15 34.70	−16 3.4	2.005	2.833	14.2	20.9

334852 2003 UD_{55} 5 23.9 186°.77 1°.2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 28.77	−26 15.7	2.554	3.397	10.7	21.5
5 1	16 22.71	−25 59.0	2.472	3.396	7.9	21.3
5 11	16 15.04	−25 34.5	2.415	3.395	4.8	21.1
5 21	16 6.38	−25 2.5	2.385	3.394	1.8	20.9
5 31	15 57.51	−24 24.8	2.386	3.392	2.5	20.9
6 10	15 49.25	−23 44.2	2.414	3.389	5.7	21.1
6 20	15 42.28	−23 4.0	2.470	3.386	8.7	21.3
6 30	15 37.11	−22 27.6	2.550	3.382	11.4	21.5

494243 2016 PU_{55} 5 23.9 294°.23 1°.1/24.4 16

4 21	16 29.02	−23 7.9	1.990	2.849	12.6	21.6
5 1	16 23.40	−23 26.4	1.910	2.844	9.3	21.4
5 11	16 15.67	−23 39.9	1.853	2.838	5.6	21.2
5 21	16 6.57	−23 47.8	1.823	2.833	1.8	20.9
5 31	15 57.05	−23 50.4	1.821	2.828	3.0	21.0
6 10	15 48.19	−23 49.5	1.845	2.823	6.9	21.2
6 20	15 40.87	−23 47.7	1.895	2.818	10.6	21.4
6 30	15 35.78	−23 47.6	1.967	2.813	13.8	21.6

353660 2011 UB_{160} 5 23.9 296°.21 4°.5/26.3 18

4 21	16 28.41	−34 30.9	2.098	2.928	13.1	20.6
5 1	16 23.06	−34 38.7	2.009	2.916	10.4	20.4
5 11	16 15.51	−34 32.2	1.943	2.905	7.4	20.2
5 21	16 6.54	−34 10.0	1.901	2.893	5.0	20.0
5 31	15 57.15	−33 32.3	1.887	2.881	4.9	20.0
6 10	15 48.48	−32 42.4	1.899	2.870	7.3	20.1
6 20	15 41.46	−31 45.4	1.936	2.858	10.4	20.3
6 30	15 36.77	−30 47.1	1.996	2.847	13.4	20.4

376799 2000 SP_{301} 5 23.9 177°.85 0°.6/24.3 17

4 21	16 29.78	−23 51.3	2.428	3.275	11.0	22.2
5 1	16 23.49	−23 35.0	2.349	3.277	8.1	22.0
5 11	16 15.51	−23 12.0	2.295	3.279	4.8	21.8
5 21	16 6.50	−22 43.2	2.270	3.280	1.3	21.5
5 31	15 57.29	−22 10.3	2.273	3.280	2.5	21.6
6 10	15 48.72	−21 36.1	2.306	3.280	6.0	21.9
6 20	15 41.50	−21 3.8	2.365	3.279	9.2	22.1
6 30	15 36.15	−20 36.2	2.448	3.277	11.9	22.2

431950 2008 UY_{39} 5 23.9 283°.61 1°.8/24.6 15

4 21	16 29.80	−25 4.5	1.834	2.692	13.5	21.5
5 1	16 24.28	−25 19.1	1.742	2.675	10.1	21.3
5 11	16 16.37	−25 26.5	1.674	2.657	6.3	21.0
5 21	16 6.77	−25 25.7	1.631	2.639	2.4	20.7
5 31	15 56.58	−25 17.0	1.615	2.622	3.4	20.8
6 10	15 47.00	−25 2.8	1.626	2.604	7.6	21.0
6 20	15 39.10	−24 46.6	1.661	2.586	11.7	21.2
6 30	15 33.68	−24 32.5	1.718	2.568	15.3	21.4

503067 2015 FV_{211} 5 23.9 185°.08 2°.2/22.9 17

4 21	16 28.64	−15 2.0	2.179	3.040	11.5	21.8
5 1	16 22.77	−14 45.6	2.104	3.040	8.5	21.6
5 11	16 15.16	−14 29.0	2.054	3.040	5.1	21.4
5 21	16 6.44	−14 14.0	2.032	3.039	2.3	21.2
5 31	15 57.47	−14 2.4	2.038	3.038	3.8	21.3
6 10	15 49.14	−13 56.4	2.071	3.037	7.2	21.5
6 20	15 42.17	−13 57.4	2.130	3.035	10.4	21.7
6 30	15 37.12	−14 6.4	2.211	3.033	13.3	21.9

139920 2001 RQ_{122} 5 23.9 290°.48 1°.7/23.2 18

4 21	16 26.51	−17 6.5	2.021	2.889	12.0	20.3
5 1	16 21.42	−16 45.4	1.942	2.882	8.8	20.0
5 11	16 14.45	−16 22.3	1.886	2.874	5.2	19.8
5 21	16 6.29	−15 58.9	1.857	2.867	1.9	19.6
5 31	15 57.81	−15 37.6	1.856	2.859	3.6	19.7
6 10	15 49.95	−15 21.1	1.881	2.852	7.4	19.9
6 20	15 43.51	−15 11.7	1.932	2.845	10.9	20.1
6 30	15 39.09	−15 10.9	2.004	2.838	14.0	20.3

17565 1994 CG_{2} 5 23.9 339°.78 10°.1/26.8 18

4 21	16 33.69	−41 22.2	1.530	2.347	17.7	17.1
5 1	16 28.19	−42 50.3	1.456	2.340	15.0	16.9
5 11	16 19.14	−43 59.4	1.402	2.334	12.4	16.7
5 21	16 7.48	−44 41.7	1.370	2.328	10.5	16.6
5 31	15 54.87	−44 52.6	1.361	2.323	10.3	16.6
6 10	15 43.29	−44 33.7	1.374	2.318	12.0	16.6
6 20	15 34.36	−43 51.6	1.409	2.314	14.7	16.8
6 30	15 29.16	−42 56.0	1.463	2.311	17.5	17.0

333941 1999 VJ_{136} 5 23.9 276°.97 0°.1/24.0 17

4 21	16 28.66	−21 26.0	1.871	2.736	13.0	21.0
5 1	16 23.22	−21 24.5	1.789	2.727	9.6	20.8
5 11	16 15.62	−21 17.9	1.731	2.718	5.6	20.5
5 21	16 6.58	−21 6.8	1.699	2.710	1.3	20.2
5 31	15 57.13	−20 52.7	1.693	2.701	3.1	20.3
6 10	15 48.36	−20 38.1	1.715	2.692	7.4	20.6
6 20	15 41.20	−20 26.1	1.761	2.683	11.3	20.8
6 30	15 36.34	−20 19.4	1.829	2.674	14.7	21.0

150267 1999 RP_{139} 5 23.9 208°.65 8°.6/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.48	+12 33.8	3.129	3.912	10.3	20.6
5 1	16 19.30	+13 35.3	3.069	3.906	9.3	20.5
5 11	16 12.97	+14 23.5	3.033	3.899	8.7	20.5
5 21	16 5.93	+14 54.8	3.021	3.891	8.6	20.4
5 31	15 58.74	+15 6.8	3.033	3.883	9.2	20.5
6 10	15 51.96	+14 58.9	3.069	3.875	10.3	20.5
6 20	15 46.08	+14 32.0	3.126	3.866	11.5	20.6
6 30	15 41.49	+13 48.2	3.202	3.856	12.7	20.7

464098 2014 WY_{393} 5 23.9 115°.31 0°.9/23.7 17

4 21	16 31.78	−18 40.9	1.584	2.454	14.7	21.0
5 1	16 25.63	−18 42.8	1.519	2.460	10.7	20.7
5 11	16 17.04	−18 42.1	1.477	2.465	6.2	20.5
5 21	16 6.91	−18 39.3	1.460	2.471	1.6	20.2
5 31	15 56.46	−18 36.2	1.470	2.477	3.7	20.4
6 10	15 46.97	−18 34.9	1.506	2.482	8.3	20.6
6 20	15 39.44	−18 38.1	1.566	2.487	12.5	20.9
6 30	15 34.56	−18 47.6	1.646	2.492	16.0	21.1

288985 2004 TE_{54} 5 23.9 283°.86 0°.2/24.1 18

4 21	16 29.06	−21 56.1	1.789	2.655	13.5	21.1
5 1	16 23.73	−21 50.9	1.697	2.635	10.0	20.8
5 11	16 16.05	−21 39.6	1.627	2.615	5.9	20.5
5 21	16 6.72	−21 22.8	1.583	2.594	1.4	20.2
5 31	15 56.80	−21 1.9	1.566	2.574	3.3	20.2
6 10	15 47.50	−20 40.1	1.576	2.553	7.8	20.5
6 20	15 39.85	−20 20.9	1.609	2.533	12.1	20.7
6 30	15 34.64	−20 7.8	1.664	2.512	15.8	20.9

138341 2000 GD_{110} 5 23.9 103°.15 0°.5/24.1 18

4 21	16 32.10	−22 4.9	1.698	2.561	14.2	20.1
5 1	16 25.68	−22 8.3	1.638	2.575	10.4	19.9
5 11	16 16.97	−22 5.8	1.601	2.588	6.1	19.7
5 21	16 6.88	−21 57.7	1.590	2.601	1.5	19.4
5 31	15 56.58	−21 45.4	1.606	2.613	3.2	19.5
6 10	15 47.26	−21 31.9	1.649	2.626	7.6	19.8
6 20	15 39.87	−21 20.4	1.716	2.638	11.5	20.1
6 30	15 35.01	−21 13.8	1.805	2.650	14.8	20.3

398237 2010 RE_{54} 5 23.9 258°.97 3°.5/21.6 16

4 21	16 24.24	−11 31.5	2.480	3.343	10.3	21.2
5 1	16 19.42	−10 39.7	2.400	3.334	7.7	21.1
5 11	16 13.16	− 9 48.5	2.345	3.325	5.0	20.9
5 21	16 5.99	− 9 1.0	2.318	3.316	3.5	20.8
5 31	15 58.61	− 8 20.6	2.319	3.306	4.8	20.8
6 10	15 51.73	− 7 49.8	2.348	3.297	7.4	21.0
6 20	15 45.95	− 7 30.4	2.401	3.287	10.2	21.1
6 30	15 41.75	− 7 23.2	2.477	3.278	12.6	21.3

457631 2009 BY_{129} 5 23.9 45°.09 4°.9/22.5 16

4 21	16 29.50	−11 58.6	1.159	2.049	17.4	21.3
5 1	16 24.27	−11 21.4	1.115	2.063	12.9	21.1
5 11	16 16.31	−10 48.3	1.091	2.078	8.2	20.8
5 21	16 6.73	−10 24.0	1.090	2.094	5.0	20.7
5 31	15 57.02	−10 12.5	1.112	2.109	6.9	20.9
6 10	15 48.63	−10 16.3	1.158	2.126	11.2	21.1
6 20	15 42.59	−10 35.7	1.224	2.143	15.4	21.4
6 30	15 39.53	−11 9.4	1.308	2.160	19.0	21.7

353757 2012 BO_{137} 5 23.9 1°.00 5°.4/25.9 17

4 21	16 29.91	−32 22.6	1.276	2.139	17.9	20.4
5 1	16 25.14	−32 47.4	1.210	2.138	14.0	20.2
5 11	16 17.14	−32 54.5	1.163	2.137	9.7	19.9
5 21	16 6.98	−32 40.8	1.139	2.137	6.1	19.7
5 31	15 56.30	−32 6.7	1.137	2.138	6.1	19.7
6 10	15 46.86	−31 17.4	1.160	2.139	9.8	19.9
6 20	15 40.00	−30 20.7	1.203	2.141	14.1	20.2
6 30	15 36.54	−29 25.1	1.267	2.143	18.0	20.4

5410 Spivakov 5 23.9 90°.80 1°.8/23.0 18

4 21	16 28.42	−16 12.3	2.303	3.162	11.1	18.5
5 1	16 22.34	−15 48.9	2.252	3.187	8.0	18.3
5 11	16 14.75	−15 24.6	2.227	3.213	4.7	18.2
5 21	16 6.35	−15 1.2	2.230	3.238	1.9	18.0
5 31	15 57.92	−14 40.8	2.261	3.262	3.4	18.2
6 10	15 50.25	−14 25.6	2.320	3.286	6.5	18.4
6 20	15 43.93	−14 17.0	2.406	3.310	9.4	18.6
6 30	15 39.41	−14 16.0	2.514	3.333	11.9	18.8

286698 2002 FD_{37} 5 23.9 53°.10 6°.8/27.7 18

4 21	16 30.98	−41 2.0	2.174	2.973	13.8	20.1
5 1	16 24.92	−41 38.3	2.108	2.984	11.4	20.0
5 11	16 16.58	−41 57.3	2.064	2.995	9.0	19.9
5 21	16 6.81	−41 56.3	2.044	3.007	7.2	19.8
5 31	15 56.78	−41 34.9	2.050	3.019	6.9	19.8
6 10	15 47.68	−40 55.9	2.082	3.030	8.3	19.9
6 20	15 40.42	−40 4.6	2.138	3.042	10.4	20.0
6 30	15 35.66	−39 7.2	2.216	3.054	12.7	20.2

48964 1998 QW_{33} 5 23.9 279°.51 1°.9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 29.31	−17 54.7	1.616	2.489	14.2	19.6
5 1	16 24.07	−17 25.1	1.526	2.469	10.5	19.3
5 11	16 16.31	−16 51.1	1.459	2.448	6.3	19.0
5 21	16 6.81	−16 14.9	1.417	2.427	2.2	18.7
5 31	15 56.69	−15 40.0	1.401	2.405	4.4	18.8
6 10	15 47.24	−15 10.6	1.411	2.384	9.1	19.0
6 20	15 39.56	−14 50.4	1.444	2.362	13.6	19.2
6 30	15 34.47	−14 42.2	1.498	2.340	17.5	19.4

178724 2000 SW_{297} 5 23.9 190°.12 2°.7/25.7 18

4 21	16 28.11	−31 3.9	2.799	3.627	10.3	21.2
5 1	16 22.23	−31 5.4	2.715	3.626	7.9	21.0
5 11	16 14.80	−30 57.6	2.656	3.624	5.3	20.9
5 21	16 6.40	−30 39.9	2.624	3.622	3.1	20.7
5 31	15 57.77	−30 13.1	2.620	3.620	3.2	20.7
6 10	15 49.70	−29 39.6	2.646	3.617	5.5	20.8
6 20	15 42.85	−29 2.3	2.699	3.614	8.1	21.0
6 30	15 37.70	−28 25.0	2.776	3.611	10.5	21.2

495595 2015 AS_{237} 5 23.9 20°.34 3°.1/25.7 16

4 21	16 26.25	−31 34.7	1.267	2.138	17.5	20.3
5 1	16 22.05	−30 46.1	1.211	2.147	13.3	20.0
5 11	16 15.06	−29 36.4	1.176	2.157	8.6	19.8
5 21	16 6.46	−28 7.7	1.163	2.169	4.0	19.6
5 31	15 57.75	−26 26.3	1.174	2.181	4.2	19.6
6 10	15 50.40	−24 41.9	1.210	2.195	8.7	19.9
6 20	15 45.41	−23 4.0	1.269	2.209	13.2	20.2
6 30	15 43.36	−21 39.8	1.347	2.225	17.0	20.5

50624 2000 EL_{65} 5 23.9 237°.71 0°.6/23.7 18

4 21	16 27.37	−20 21.4	2.051	2.915	12.1	19.3
5 1	16 22.02	−20 2.5	1.975	2.913	8.8	19.1
5 11	16 14.80	−19 39.0	1.923	2.910	5.1	18.9
5 21	16 6.41	−19 12.3	1.897	2.908	1.2	18.6
5 31	15 57.74	−18 44.6	1.899	2.905	3.0	18.7
6 10	15 49.76	−18 18.9	1.928	2.903	6.9	19.0
6 20	15 43.22	−17 58.0	1.983	2.900	10.5	19.2
6 30	15 38.73	−17 44.4	2.060	2.897	13.5	19.4

109144 2001 QN_{57} 5 23.9 320°.98 1°.5/24.4 17

4 21	16 27.71	−23 49.1	1.325	2.206	16.3	19.5
5 1	16 23.47	−24 0.5	1.242	2.187	12.2	19.2
5 11	16 16.23	−24 4.1	1.180	2.168	7.5	18.9
5 21	16 6.84	−23 58.8	1.141	2.151	2.4	18.5
5 31	15 56.64	−23 45.7	1.125	2.134	4.0	18.6
6 10	15 47.27	−23 28.2	1.134	2.117	9.3	18.8
6 20	15 40.06	−23 10.8	1.164	2.102	14.4	19.1
6 30	15 36.01	−22 58.4	1.213	2.087	18.8	19.3

477152 2009 DJ_{84} 5 23.9 252°.50 0°.4/23.8 17

4 21	16 27.39	−20 4.1	2.186	3.047	11.5	21.3
5 1	16 22.00	−19 55.9	2.104	3.041	8.4	21.1
5 11	16 14.79	−19 44.0	2.047	3.034	4.9	20.9
5 21	16 6.42	−19 29.4	2.016	3.027	1.2	20.6
5 31	15 57.73	−19 13.5	2.013	3.019	2.9	20.7
6 10	15 49.63	−18 58.8	2.038	3.012	6.6	20.9
6 20	15 42.88	−18 47.6	2.088	3.005	10.1	21.1
6 30	15 38.07	−18 42.0	2.161	2.997	13.1	21.3

170434 2003 UP_{117} 5 23.9 159°.40 0°.2/24.0 18

4 21	16 32.66	−21 43.6	1.848	2.706	13.4	20.8
5 1	16 26.03	−21 39.3	1.778	2.712	9.9	20.6
5 11	16 17.18	−21 29.3	1.732	2.718	5.8	20.3
5 21	16 6.97	−21 14.2	1.712	2.723	1.4	20.0
5 31	15 56.48	−20 55.6	1.720	2.727	3.1	20.2
6 10	15 46.86	−20 36.4	1.756	2.731	7.4	20.4
6 20	15 39.01	−20 20.0	1.816	2.734	11.2	20.7
6 30	15 33.57	−20 9.2	1.899	2.737	14.5	20.9

491498 2012 JO 5 23.9 6°.26 21°.7/ 9.8 18

4 21	16 26.81	+14 36.6	0.964	1.814	23.4	20.2
5 1	16 22.77	+18 0.6	0.939	1.813	22.1	20.1
5 11	16 15.65	+20 45.6	0.930	1.813	21.7	20.1
5 21	16 6.64	+22 36.0	0.937	1.814	22.3	20.1
5 31	15 57.34	+23 23.0	0.958	1.815	23.7	20.2
6 10	15 49.40	+23 7.7	0.993	1.817	25.5	20.4
6 20	15 43.99	+21 58.2	1.039	1.819	27.4	20.5
6 30	15 41.79	+20 5.8	1.094	1.821	29.1	20.7

336704 2010 CR_{43} 5 23.9 193°.27 6°.2/20.6 18

4 21	16 27.88	− 2 30.8	2.339	3.185	11.4	21.4
5 1	16 22.08	− 1 45.4	2.270	3.183	9.1	21.2
5 11	16 14.71	− 1 7.7	2.225	3.181	7.0	21.1
5 21	16 6.39	− 0 41.4	2.207	3.178	6.2	21.0
5 31	15 57.86	− 0 29.4	2.216	3.174	7.2	21.1
6 10	15 49.90	− 0 33.1	2.252	3.170	9.3	21.2
6 20	15 43.16	− 0 52.4	2.311	3.165	11.7	21.3
6 30	15 38.14	− 1 25.8	2.392	3.160	13.9	21.5

182894 2002 DE_{18} 5 23.9 221°.04 3°.6/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 24.98	−10 22.3	2.513	3.374	10.2	20.6
5 1	16 19.94	− 9 45.0	2.438	3.369	7.7	20.4
5 11	16 13.46	− 9 9.9	2.387	3.365	5.1	20.2
5 21	16 6.10	− 8 39.6	2.364	3.360	3.6	20.1
5 31	15 58.53	− 8 16.6	2.369	3.355	4.7	20.2
6 10	15 51.48	− 8 3.0	2.401	3.350	7.3	20.4
6 20	15 45.52	− 7 59.8	2.459	3.345	9.9	20.5
6 30	15 41.13	− 8 7.4	2.539	3.339	12.3	20.7

430083 2013 SY_{55} 5 23.9 4°.42 0°.8/23.8 17

4 21	16 33.04	−16 8.2	1.495	2.367	15.3	20.1
5 1	16 26.84	−16 53.8	1.426	2.367	11.2	19.8
5 11	16 17.94	−17 42.3	1.379	2.367	6.6	19.6
5 21	16 7.20	−18 32.4	1.357	2.368	1.7	19.2
5 31	15 55.92	−19 22.7	1.361	2.368	3.8	19.4
6 10	15 45.51	−20 12.5	1.392	2.370	8.7	19.7
6 20	15 37.14	−21 1.9	1.447	2.371	13.1	19.9
6 30	15 31.63	−21 52.0	1.523	2.373	16.8	20.2

89473 2001 XS_{22} 5 23.9 184°.35 1°.8/24.8 18 R

4 21	16 30.91	−26 16.1	1.946	2.798	13.1	20.1
5 1	16 24.80	−26 20.2	1.870	2.799	9.8	19.9
5 11	16 16.51	−26 15.6	1.817	2.798	6.1	19.7
5 21	16 6.84	−26 1.7	1.790	2.798	2.5	19.5
5 31	15 56.82	−25 39.8	1.791	2.797	3.2	19.5
6 10	15 47.59	−25 12.7	1.819	2.796	7.0	19.8
6 20	15 40.06	−24 44.5	1.873	2.795	10.7	20.0
6 30	15 34.87	−24 19.2	1.948	2.793	13.9	20.2

202647 2006 JR_{38} 5 23.9 120°.74 2°.3/22.6 17

4 21	16 27.62	−16 26.6	2.067	2.933	11.9	20.8
5 1	16 22.02	−15 38.2	2.004	2.942	8.7	20.6
5 11	16 14.70	−14 47.5	1.965	2.951	5.2	20.4
5 21	16 6.38	−13 57.5	1.953	2.960	2.4	20.3
5 31	15 57.94	−13 11.8	1.969	2.968	4.1	20.4
6 10	15 50.25	−12 33.8	2.013	2.977	7.5	20.6
6 20	15 44.02	−12 6.0	2.081	2.985	10.7	20.8
6 30	15 39.72	−11 49.8	2.172	2.993	13.5	21.0

67461 2000 QY_{181} 5 23.9 214°.68 2°.7/25.2 18

4 21	16 32.49	−28 59.4	1.702	2.553	14.7	19.1
5 1	16 26.30	−28 51.1	1.622	2.549	11.2	18.9
5 11	16 17.53	−28 29.5	1.565	2.543	7.2	18.6
5 21	16 7.09	−27 54.0	1.532	2.538	3.4	18.4
5 31	15 56.24	−27 6.2	1.527	2.532	3.9	18.4
6 10	15 46.31	−26 11.1	1.547	2.525	7.9	18.6
6 20	15 38.39	−25 14.6	1.593	2.518	12.0	18.8
6 30	15 33.21	−24 22.9	1.660	2.511	15.6	19.1

376569 2013 PO_{13} 5 23.9 220°.74 3°.3/25.4 18

4 21	16 32.51	−29 55.4	1.941	2.782	13.6	21.0
5 1	16 26.15	−30 9.8	1.856	2.775	10.4	20.8
5 11	16 17.41	−30 12.8	1.794	2.768	6.9	20.6
5 21	16 7.08	−30 2.9	1.758	2.760	3.8	20.4
5 31	15 56.27	−29 40.3	1.749	2.751	4.1	20.4
6 10	15 46.22	−29 8.0	1.768	2.742	7.4	20.6
6 20	15 37.96	−28 30.5	1.812	2.733	11.1	20.8
6 30	15 32.21	−27 53.3	1.878	2.723	14.4	21.0

241744 2000 YR_{64} 5 23.9 266°.28 2°.3/25.0 17

4 21	16 31.27	−28 5.3	1.584	2.443	15.3	20.0
5 1	16 25.67	−27 51.3	1.496	2.428	11.6	19.7
5 11	16 17.32	−27 23.6	1.431	2.412	7.3	19.4
5 21	16 7.09	−26 41.5	1.389	2.397	3.1	19.1
5 31	15 56.27	−25 47.1	1.374	2.381	3.9	19.1
6 10	15 46.30	−24 45.7	1.385	2.364	8.4	19.4
6 20	15 38.39	−23 44.0	1.419	2.348	13.0	19.6
6 30	15 33.35	−22 48.7	1.474	2.332	17.0	19.8

311140 2004 RY_{174} 5 23.9 277°.16 3°.4/26.0 18

4 21	16 27.54	−32 48.8	2.393	3.223	11.7	20.4
5 1	16 22.17	−32 46.0	2.301	3.211	9.1	20.3
5 11	16 14.93	−32 31.0	2.232	3.198	6.3	20.1
5 21	16 6.48	−32 3.2	2.189	3.185	3.9	19.9
5 31	15 57.71	−31 23.3	2.174	3.173	3.9	19.9
6 10	15 49.55	−30 34.3	2.187	3.160	6.4	20.0
6 20	15 42.78	−29 40.6	2.226	3.147	9.3	20.1
6 30	15 38.02	−28 46.9	2.289	3.134	12.1	20.3

250054 2002 CR_{301} 5 23.9 259°.40 4°.6/26.6 18

4 21	16 29.21	−36 3.2	2.422	3.238	12.0	20.5
5 1	16 23.45	−36 14.6	2.330	3.226	9.6	20.3
5 11	16 15.71	−36 12.7	2.261	3.214	7.1	20.1
5 21	16 6.67	−35 55.6	2.217	3.202	5.0	20.0
5 31	15 57.26	−35 23.6	2.202	3.190	4.9	19.9
6 10	15 48.49	−34 39.2	2.213	3.178	6.8	20.0
6 20	15 41.19	−33 46.7	2.250	3.165	9.5	20.2
6 30	15 36.00	−32 51.3	2.311	3.152	12.1	20.3

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