388584 2007 RZ_{101} 5 16.9 226°.07 15°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.80	−48 23.0	1.382	2.122	22.8	21.4
4 21	16 13.35	−50 28.5	1.304	2.115	20.6	21.2
5 1	16 2.40	−52 10.1	1.241	2.107	18.3	21.0
5 11	15 46.72	−53 14.2	1.196	2.099	16.4	20.9
5 21	15 28.34	−53 29.8	1.171	2.090	15.6	20.8
5 31	15 10.42	−52 54.0	1.166	2.081	16.1	20.8
6 10	14 56.01	−51 35.7	1.180	2.071	17.9	20.9
6 20	14 46.87	−49 50.6	1.213	2.061	20.4	21.0

188060 2001 VG_{127} 5 16.9 9°.19 1°.0/15.9 18

4 11	15 52.93	−14 28.7	4.199	5.025	7.1	20.3
4 21	15 49.15	−14 21.2	4.113	5.025	5.3	20.2
5 1	15 44.45	−14 12.7	4.054	5.025	3.4	20.1
5 11	15 39.16	−14 4.3	4.023	5.026	1.5	19.9
5 21	15 33.63	−13 57.0	4.021	5.026	1.5	19.9
5 31	15 28.27	−13 52.0	4.049	5.026	3.4	20.1
6 10	15 23.45	−13 50.2	4.105	5.027	5.4	20.2
6 20	15 19.46	−13 52.5	4.187	5.027	7.1	20.3

410337 2007 UW_{67} 5 16.9 93°.61 0°.3/16.9 17

4 11	16 4.91	−20 19.1	1.512	2.356	16.5	21.7
4 21	15 59.70	−19 59.6	1.450	2.370	12.6	21.5
5 1	15 51.76	−19 31.5	1.409	2.383	8.0	21.3
5 11	15 42.04	−18 56.8	1.392	2.397	3.0	21.0
5 21	15 31.76	−18 18.7	1.401	2.411	2.1	21.0
5 31	15 22.23	−17 42.0	1.436	2.424	7.0	21.3
6 10	15 14.57	−17 11.6	1.496	2.437	11.5	21.6
6 20	15 9.46	−16 51.1	1.577	2.449	15.2	21.9

228651 2002 EQ_{101} 5 17.0 34°.50 6°.6/14.4 17

4 11	16 1.30	− 4 24.9	1.544	2.396	15.8	19.7
4 21	15 56.79	− 3 50.5	1.486	2.403	12.4	19.5
5 1	15 49.85	− 3 23.3	1.448	2.412	9.1	19.3
5 11	15 41.32	− 3 8.2	1.435	2.420	6.8	19.2
5 21	15 32.25	− 3 8.9	1.446	2.430	7.3	19.3
5 31	15 23.80	− 3 27.6	1.482	2.439	10.1	19.4
6 10	15 16.96	− 4 3.9	1.540	2.449	13.4	19.7
6 20	15 12.37	− 4 55.7	1.619	2.460	16.5	19.9

470448 2007 YA_{25} 5 17.0 171°.67 3°.8/20.1 18

4 11	16 2.82	−34 14.6	2.772	3.545	11.7	21.5
4 21	15 57.25	−34 13.6	2.683	3.549	9.5	21.3
5 1	15 49.86	−33 59.7	2.616	3.552	7.0	21.2
5 11	15 41.28	−33 32.1	2.576	3.554	4.8	21.0
5 21	15 32.26	−32 51.6	2.563	3.556	3.8	21.0
5 31	15 23.65	−32 0.5	2.580	3.557	5.1	21.0
6 10	15 16.20	−31 3.2	2.625	3.558	7.5	21.2
6 20	15 10.44	−30 4.3	2.695	3.558	9.9	21.4

250417 2003 UF_{342} 5 17.0 248°.90 2°.3/18.2 17

4 11	16 4.21	−26 48.2	1.672	2.498	16.0	20.9
4 21	15 59.43	−26 37.6	1.580	2.486	12.6	20.6
5 1	15 51.83	−26 12.7	1.509	2.474	8.5	20.3
5 11	15 42.18	−25 33.1	1.462	2.462	4.2	20.1
5 21	15 31.61	−24 40.6	1.441	2.449	2.7	19.9
5 31	15 21.47	−23 39.9	1.447	2.436	6.8	20.1
6 10	15 13.01	−22 37.9	1.478	2.423	11.2	20.4
6 20	15 7.09	−21 41.3	1.531	2.409	15.3	20.6

313049 2000 QN_{210} 5 17.0 251°.86 4°.0/14.9 17

4 11	16 3.31	−12 20.3	1.666	2.513	15.1	21.4
4 21	15 58.53	−11 32.2	1.576	2.497	11.6	21.2
5 1	15 51.17	−10 40.7	1.508	2.481	7.8	20.9
5 11	15 41.92	− 9 49.9	1.465	2.465	4.4	20.7
5 21	15 31.79	− 9 5.0	1.449	2.447	5.0	20.7
5 31	15 22.00	− 8 31.0	1.458	2.430	8.8	20.8
6 10	15 13.68	− 8 12.0	1.492	2.412	13.0	21.0
6 20	15 7.66	− 8 9.5	1.546	2.393	16.8	21.2

57626 2001 TE_{165} 5 17.0 296°.71 2°.7/14.0 18

4 11	15 51.93	− 6 33.4	4.245	5.072	7.0	19.4
4 21	15 48.39	− 6 10.6	4.160	5.067	5.4	19.3
5 1	15 43.97	− 5 49.7	4.102	5.062	3.8	19.1
5 11	15 38.99	− 5 32.2	4.071	5.057	2.8	19.1
5 21	15 33.79	− 5 19.6	4.070	5.052	3.1	19.1
5 31	15 28.74	− 5 13.0	4.097	5.048	4.4	19.2
6 10	15 24.20	− 5 13.4	4.151	5.043	6.1	19.3
6 20	15 20.45	− 5 20.8	4.230	5.038	7.7	19.4

294933 2008 DB_{49} 5 17.0 351°.69 3°.1/15.4 18

4 11	15 59.80	−10 29.1	2.166	3.006	12.3	20.1
4 21	15 55.15	−10 16.4	2.088	3.005	9.4	19.9
5 1	15 48.63	−10 4.8	2.033	3.004	6.3	19.7
5 11	15 40.84	− 9 56.9	2.004	3.003	3.5	19.5
5 21	15 32.55	− 9 54.7	2.003	3.002	3.8	19.5
5 31	15 24.61	−10 0.1	2.030	3.002	6.7	19.7
6 10	15 17.80	−10 14.6	2.082	3.002	9.9	19.9
6 20	15 12.70	−10 38.3	2.157	3.001	12.8	20.1

131708 2001 YB_{44} 5 17.0 59°.41 0°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.88	−20 30.9	1.296	2.149	18.1	20.2
4 21	16 0.18	−20 34.2	1.235	2.159	13.9	19.9
5 1	15 52.33	−20 29.1	1.193	2.169	8.9	19.7
5 11	15 42.34	−20 16.3	1.174	2.180	3.5	19.4
5 21	15 31.58	−19 58.0	1.180	2.190	2.2	19.3
5 31	15 21.62	−19 38.4	1.211	2.201	7.6	19.7
6 10	15 13.77	−19 22.4	1.264	2.212	12.5	20.0
6 20	15 8.83	−19 13.9	1.338	2.223	16.6	20.3

338089 2002 PK_{176} 5 17.0 341°.48 0°.1/17.1 17

4 11	15 59.33	−21 42.2	1.755	2.597	14.6	20.6
4 21	15 55.35	−21 18.3	1.674	2.593	11.2	20.4
5 1	15 49.00	−20 44.8	1.615	2.589	7.2	20.1
5 11	15 41.04	−20 3.4	1.581	2.586	2.8	19.9
5 21	15 32.42	−19 17.3	1.573	2.583	1.8	19.8
5 31	15 24.27	−18 31.1	1.592	2.581	6.3	20.1
6 10	15 17.58	−17 49.7	1.636	2.579	10.5	20.3
6 20	15 13.05	−17 17.1	1.702	2.577	14.2	20.5

432972 2012 LS_{10} 5 17.0 268°.59 7°.4/11.5 18

4 11	15 59.72	− 3 53.6	1.871	2.714	13.8	20.8
4 21	15 55.46	− 2 17.8	1.785	2.695	11.1	20.6
5 1	15 49.02	− 0 43.1	1.722	2.676	8.6	20.4
5 11	15 41.05	+ 0 43.3	1.685	2.657	7.4	20.3
5 21	15 32.39	+ 1 54.2	1.674	2.637	8.5	20.3
5 31	15 24.02	+ 2 44.1	1.688	2.617	11.1	20.4
6 10	15 16.89	+ 3 9.9	1.725	2.596	14.1	20.6
6 20	15 11.67	+ 3 11.6	1.781	2.576	17.0	20.7

261168 2005 TZ_{104} 5 17.0 225°.22 2°.3/18.7 18

4 11	16 0.61	−28 11.1	2.897	3.694	10.7	21.5
4 21	15 55.54	−28 15.4	2.796	3.684	8.4	21.3
5 1	15 48.80	−28 10.9	2.719	3.674	5.8	21.2
5 11	15 40.90	−27 57.4	2.670	3.663	3.3	21.0
5 21	15 32.51	−27 35.3	2.649	3.653	2.4	20.9
5 31	15 24.35	−27 6.6	2.657	3.641	4.5	21.0
6 10	15 17.13	−26 34.3	2.693	3.630	7.2	21.2
6 20	15 11.38	−26 1.7	2.755	3.618	9.8	21.3

315362 2007 UQ_{101} 5 17.0 122°.18 0°.2/16.9 16

4 11	16 6.39	−19 38.7	1.767	2.599	15.0	22.0
4 21	16 0.48	−19 30.8	1.700	2.614	11.4	21.8
5 1	15 52.13	−19 16.2	1.656	2.628	7.3	21.6
5 11	15 42.18	−18 56.3	1.637	2.642	2.7	21.4
5 21	15 31.70	−18 33.1	1.646	2.655	1.9	21.3
5 31	15 21.87	−18 10.2	1.682	2.668	6.4	21.6
6 10	15 13.70	−17 51.3	1.744	2.680	10.4	21.9
6 20	15 7.82	−17 39.4	1.828	2.692	13.9	22.2

417461 2006 QX_{54} 5 17.0 330°.90 2°.0/16.3 17

4 11	15 57.69	−15 52.4	1.107	1.985	18.7	20.3
4 21	15 55.48	−15 48.5	1.026	1.964	14.5	19.9
5 1	15 49.86	−15 40.5	0.963	1.945	9.4	19.6
5 11	15 41.60	−15 31.3	0.921	1.927	3.9	19.2
5 21	15 31.97	−15 23.9	0.901	1.910	3.6	19.1
5 31	15 22.67	−15 22.7	0.903	1.894	9.4	19.4
6 10	15 15.36	−15 31.9	0.925	1.880	15.1	19.6
6 20	15 11.19	−15 53.6	0.965	1.867	20.1	19.9

1933 Tinchen 5 17.0 222°.97 4°.1/14.7 18 R

4 11	16 2.71	−11 31.5	1.757	2.602	14.5	17.1
4 21	15 57.82	−10 39.5	1.675	2.595	11.1	16.9
5 1	15 50.55	− 9 45.2	1.616	2.588	7.5	16.6
5 11	15 41.63	− 8 53.0	1.583	2.580	4.5	16.4
5 21	15 32.03	− 8 7.9	1.576	2.572	5.1	16.5
5 31	15 22.85	− 7 34.5	1.596	2.564	8.5	16.6
6 10	15 15.11	− 7 16.2	1.640	2.555	12.3	16.8
6 20	15 9.51	− 7 14.2	1.705	2.545	15.8	17.0

118409 1999 RB_{234} 5 17.0 177°.75 8°.2/ 9.5 18

4 11	15 57.20	+ 7 51.4	2.688	3.491	11.2	20.2
4 21	15 52.77	+ 9 6.8	2.628	3.492	9.7	20.0
5 1	15 46.92	+10 12.0	2.591	3.493	8.6	20.0
5 11	15 40.15	+11 2.0	2.580	3.493	8.2	19.9
5 21	15 33.05	+11 33.4	2.594	3.493	8.8	20.0
5 31	15 26.27	+11 44.3	2.633	3.493	10.1	20.1
6 10	15 20.39	+11 34.6	2.694	3.493	11.7	20.2
6 20	15 15.84	+11 6.3	2.774	3.493	13.3	20.3

219811 2002 AF_{189} 5 17.0 167°.14 3°.4/14.5 18

4 11	16 1.44	−11 36.7	2.390	3.221	11.6	20.8
4 21	15 56.12	−10 37.1	2.314	3.226	8.8	20.7
5 1	15 49.10	− 9 35.6	2.263	3.231	5.9	20.5
5 11	15 40.99	− 8 36.0	2.240	3.235	3.6	20.3
5 21	15 32.50	− 7 42.2	2.246	3.239	4.1	20.4
5 31	15 24.42	− 6 57.9	2.280	3.242	6.8	20.6
6 10	15 17.44	− 6 25.8	2.341	3.244	9.7	20.7
6 20	15 12.06	− 6 6.9	2.425	3.245	12.3	20.9

370051 2000 SV_{296} 5 17.0 163°.42 5°.1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.44	−35 9.0	2.291	3.065	13.8	21.4
4 21	16 0.47	−35 34.7	2.206	3.070	11.3	21.3
5 1	15 52.16	−35 45.9	2.144	3.075	8.6	21.1
5 11	15 42.22	−35 40.3	2.107	3.079	6.1	20.9
5 21	15 31.65	−35 17.6	2.096	3.083	5.1	20.9
5 31	15 21.55	−34 39.9	2.114	3.086	6.5	21.0
6 10	15 12.91	−33 52.0	2.158	3.088	9.0	21.1
6 20	15 6.42	−32 59.7	2.226	3.090	11.7	21.3

306446 1998 WS_{32} 5 17.0 184°.24 0°.1/16.9 17

4 11	16 4.25	−20 20.8	2.192	3.014	12.8	22.1
4 21	15 58.58	−20 6.1	2.106	3.015	9.8	21.9
5 1	15 50.85	−19 44.8	2.044	3.015	6.2	21.6
5 11	15 41.71	−19 18.0	2.009	3.014	2.4	21.4
5 21	15 32.01	−18 47.6	2.003	3.012	1.6	21.3
5 31	15 22.72	−18 16.9	2.025	3.010	5.6	21.6
6 10	15 14.69	−17 49.4	2.074	3.007	9.2	21.8
6 20	15 8.56	−17 28.0	2.147	3.004	12.4	22.0

256642 2007 VN_{316} 5 17.0 212°.98 0°.7/16.7 17

4 11	16 4.42	−18 36.3	1.734	2.572	15.0	21.4
4 21	15 59.27	−18 25.2	1.651	2.568	11.4	21.1
5 1	15 51.56	−18 8.0	1.589	2.564	7.3	20.9
5 11	15 42.05	−17 46.2	1.553	2.559	2.8	20.6
5 21	15 31.77	−17 22.0	1.544	2.554	2.2	20.5
5 31	15 21.93	−16 59.0	1.562	2.548	6.8	20.8
6 10	15 13.63	−16 41.1	1.605	2.542	11.1	21.0
6 20	15 7.65	−16 31.5	1.670	2.536	14.9	21.3

318406 2004 YS_{19} 5 17.0 189°.30 0°.3/17.2 16

4 11	16 5.76	−21 42.0	1.933	2.758	14.2	22.8
4 21	16 0.03	−21 26.3	1.848	2.757	10.9	22.6
5 1	15 51.91	−21 2.0	1.786	2.756	7.0	22.4
5 11	15 42.15	−20 29.9	1.749	2.754	2.8	22.1
5 21	15 31.72	−19 52.5	1.741	2.751	1.7	22.0
5 31	15 21.75	−19 13.4	1.761	2.747	6.1	22.3
6 10	15 13.25	−18 37.3	1.807	2.743	10.1	22.5
6 20	15 6.93	−18 8.1	1.876	2.737	13.7	22.7

392944 2012 WN_{8} 5 17.0 176°.26 0°.7/17.5 17

4 11	16 1.04	−22 30.7	2.326	3.148	12.2	21.8
4 21	15 56.08	−22 24.5	2.242	3.149	9.3	21.6
5 1	15 49.22	−22 11.0	2.181	3.150	6.1	21.4
5 11	15 41.08	−21 51.0	2.147	3.150	2.5	21.1
5 21	15 32.44	−21 26.1	2.141	3.151	1.5	21.0
5 31	15 24.16	−20 58.7	2.163	3.151	5.1	21.3
6 10	15 17.05	−20 32.4	2.213	3.151	8.4	21.5
6 20	15 11.67	−20 10.1	2.286	3.150	11.4	21.7

141450 2002 CT_{66} 5 17.0 41°.22 0°.6/17.4 17

4 11	15 59.73	−21 52.6	2.078	2.909	13.1	20.4
4 21	15 55.24	−21 49.3	2.004	2.916	10.0	20.2
5 1	15 48.74	−21 38.8	1.953	2.924	6.4	20.0
5 11	15 40.91	−21 22.0	1.927	2.932	2.6	19.7
5 21	15 32.58	−21 0.6	1.929	2.939	1.6	19.7
5 31	15 24.71	−20 37.5	1.959	2.947	5.4	19.9
6 10	15 18.11	−20 16.1	2.014	2.956	8.9	20.2
6 20	15 13.37	−19 59.2	2.093	2.964	12.1	20.4

460282 2014 QU_{351} 5 17.0 252°.03 1°.1/15.9 18

4 11	15 55.13	−15 26.4	3.695	4.519	8.0	22.1
4 21	15 50.99	−15 7.9	3.593	4.504	6.0	21.9
5 1	15 45.73	−14 47.2	3.517	4.489	3.9	21.7
5 11	15 39.71	−14 25.8	3.470	4.473	1.7	21.6
5 21	15 33.38	−14 5.2	3.452	4.457	1.7	21.6
5 31	15 27.20	−13 46.9	3.464	4.441	3.9	21.7
6 10	15 21.63	−13 32.6	3.504	4.425	6.2	21.8
6 20	15 17.03	−13 23.4	3.569	4.408	8.3	22.0

341008 2007 FH_{30} 5 17.0 317°.74 1°.2/18.3 18

4 11	15 53.55	−25 48.0	4.192	4.994	7.5	21.0
4 21	15 49.73	−25 50.0	4.097	4.991	5.8	20.9
5 1	15 44.89	−25 46.8	4.028	4.988	3.9	20.8
5 11	15 39.38	−25 38.8	3.987	4.984	2.0	20.6
5 21	15 33.61	−25 26.6	3.974	4.981	1.4	20.6
5 31	15 28.00	−25 11.3	3.992	4.978	3.0	20.7
6 10	15 22.97	−24 54.6	4.038	4.975	5.0	20.8
6 20	15 18.83	−24 38.0	4.110	4.972	6.8	21.0

116439 2003 YN_{162} 5 17.0 200°.90 3°.1/20.8 18

4 11	15 54.75	−36 59.5	4.906	5.654	7.3	20.9
4 21	15 50.58	−37 12.0	4.809	5.652	6.0	20.8
5 1	15 45.41	−37 16.8	4.736	5.650	4.7	20.7
5 11	15 39.58	−37 13.2	4.690	5.648	3.6	20.7
5 21	15 33.48	−37 1.6	4.671	5.646	3.1	20.6
5 31	15 27.55	−36 42.7	4.682	5.643	3.6	20.7
6 10	15 22.18	−36 18.2	4.720	5.641	4.8	20.7
6 20	15 17.70	−35 50.0	4.785	5.638	6.1	20.8

105360 2000 QU_{110} 5 17.0 50°.91 9°.6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.74	−47 45.8	2.272	2.982	15.6	19.6
4 21	16 2.18	−48 48.9	2.191	2.984	13.8	19.5
5 1	15 53.63	−49 32.0	2.128	2.986	12.0	19.3
5 11	15 42.91	−49 50.2	2.087	2.989	10.5	19.2
5 21	15 31.24	−49 40.7	2.070	2.991	9.7	19.2
5 31	15 20.07	−49 4.3	2.076	2.993	10.0	19.2
6 10	15 10.75	−48 6.2	2.106	2.995	11.2	19.3
6 20	15 4.15	−46 53.9	2.159	2.998	12.9	19.4

379366 2009 WE_{212} 5 17.0 222°.80 0°.7/16.5 18

4 11	16 1.35	−20 24.8	1.968	2.802	13.6	20.8
4 21	15 56.62	−19 41.8	1.881	2.797	10.4	20.6
5 1	15 49.71	−18 49.7	1.817	2.791	6.6	20.3
5 11	15 41.33	−17 50.7	1.780	2.785	2.5	20.0
5 21	15 32.35	−16 48.9	1.770	2.779	2.1	20.0
5 31	15 23.80	−15 49.1	1.788	2.772	6.2	20.3
6 10	15 16.59	−14 56.3	1.832	2.766	10.2	20.5
6 20	15 11.36	−14 14.3	1.899	2.759	13.6	20.7

392080 2009 DV_{34} 5 17.0 341°.54 4°.6/14.0 17

4 11	15 57.67	− 8 45.5	2.001	2.848	12.9	20.6
4 21	15 53.67	− 7 51.6	1.926	2.845	10.0	20.4
5 1	15 47.75	− 6 58.4	1.875	2.843	6.9	20.2
5 11	15 40.56	− 6 10.1	1.849	2.840	4.8	20.1
5 21	15 32.87	− 5 31.2	1.849	2.838	5.4	20.1
5 31	15 25.57	− 5 5.4	1.876	2.836	8.1	20.3
6 10	15 19.46	− 4 54.6	1.928	2.834	11.2	20.5
6 20	15 15.09	− 4 59.4	2.001	2.833	14.1	20.7

508938 2004 RG_{102} 5 17.0 240°.35 5°.5/12.8 18

4 11	16 0.66	− 5 53.7	2.285	3.118	12.0	22.3
4 21	15 55.79	− 4 40.5	2.194	3.102	9.5	22.1
5 1	15 49.07	− 3 27.8	2.127	3.085	7.0	21.9
5 11	15 41.07	− 2 20.7	2.087	3.067	5.5	21.8
5 21	15 32.51	− 1 24.1	2.075	3.048	6.3	21.8
5 31	15 24.21	− 0 42.1	2.090	3.029	8.7	21.9
6 10	15 16.94	− 0 17.4	2.131	3.010	11.5	22.0
6 20	15 11.30	− 0 10.4	2.193	2.989	14.2	22.2

300883 2008 AT_{116} 5 17.0 204°.36 0°.7/16.6 18

4 11	15 59.49	−18 36.2	2.474	3.302	11.3	21.9
4 21	15 54.78	−18 15.6	2.387	3.299	8.6	21.7
5 1	15 48.35	−17 50.0	2.324	3.297	5.5	21.5
5 11	15 40.77	−17 21.0	2.288	3.294	2.1	21.2
5 21	15 32.73	−16 50.7	2.281	3.290	1.7	21.2
5 31	15 25.01	−16 22.0	2.303	3.287	5.1	21.4
6 10	15 18.32	−15 57.7	2.352	3.283	8.3	21.6
6 20	15 13.19	−15 40.0	2.425	3.279	11.2	21.8

153167 2000 TJ_{28} 5 17.0 330°.97 5°.6/18.9 18

4 11	16 0.36	−29 32.0	1.363	2.202	18.2	19.4
4 21	15 57.38	−30 22.9	1.275	2.184	14.8	19.1
5 1	15 51.05	−31 0.8	1.206	2.166	10.8	18.9
5 11	15 42.09	−31 21.7	1.159	2.150	7.0	18.6
5 21	15 31.75	−31 23.1	1.134	2.135	5.7	18.5
5 31	15 21.70	−31 6.3	1.133	2.120	8.6	18.6
6 10	15 13.59	−30 37.1	1.155	2.107	13.0	18.8
6 20	15 8.55	−30 3.0	1.195	2.095	17.2	19.0

2318 Lubarsky 5 17.0 204°.57 2°.4/15.8 18

4 11	16 4.69	−15 31.6	1.700	2.541	15.0	17.7
4 21	15 59.45	−14 57.4	1.618	2.538	11.5	17.5
5 1	15 51.67	−14 18.2	1.559	2.533	7.4	17.2
5 11	15 42.12	−13 37.1	1.525	2.529	3.3	17.0
5 21	15 31.83	−12 58.1	1.518	2.523	3.5	17.0
5 31	15 22.02	−12 25.5	1.538	2.518	7.6	17.2
6 10	15 13.76	−12 3.4	1.583	2.511	11.8	17.4
6 20	15 7.81	−11 54.0	1.649	2.504	15.5	17.6

433984 1999 VK_{206} 5 17.0 225°.47 1°.2/17.5 18

4 11	16 5.24	−21 31.1	2.114	2.935	13.3	21.2
4 21	15 59.61	−21 58.8	2.023	2.929	10.2	21.0
5 1	15 51.69	−22 21.6	1.956	2.924	6.7	20.8
5 11	15 42.13	−22 38.5	1.915	2.918	2.9	20.5
5 21	15 31.80	−22 49.6	1.902	2.911	1.9	20.4
5 31	15 21.76	−22 55.9	1.918	2.905	5.6	20.7
6 10	15 13.00	−23 0.1	1.960	2.898	9.4	20.9
6 20	15 6.24	−23 4.8	2.026	2.891	12.7	21.1

507958 2015 BY_{32} 5 17.0 336°.35 2°.0/17.8 17

4 11	16 0.29	−23 14.7	1.382	2.234	17.3	20.6
4 21	15 56.93	−23 34.6	1.300	2.222	13.5	20.3
5 1	15 50.51	−23 45.0	1.238	2.212	9.0	20.0
5 11	15 41.80	−23 45.1	1.199	2.202	4.1	19.7
5 21	15 32.01	−23 35.6	1.184	2.193	2.6	19.6
5 31	15 22.64	−23 19.4	1.193	2.185	7.4	19.8
6 10	15 15.10	−23 1.6	1.225	2.178	12.3	20.1
6 20	15 10.34	−22 47.2	1.277	2.172	16.6	20.3

63086 2000 WQ_{135} 5 17.0 204.°26 2.°9/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.59	− 8 57.5	2.814	3.639	10.2	19.3
4 21	15 55.35	− 8 49.1	2.727	3.635	7.8	19.1
5 1	15 48.61	− 8 42.6	2.665	3.631	5.3	19.0
5 11	15 40.86	− 8 39.8	2.631	3.627	3.2	18.8
5 21	15 32.69	− 8 42.2	2.627	3.622	3.4	18.8
5 31	15 24.77	− 8 51.3	2.651	3.617	5.7	19.0
6 10	15 17.72	− 9 7.8	2.703	3.612	8.3	19.1
6 20	15 12.02	− 9 32.1	2.780	3.606	10.7	19.3

46404 2002 EV_{20} 5 17.0 110.°07 7.°3/11.3 18

4 11	15 59.71	− 3 50.7	1.919	2.760	13.6	18.8
4 21	15 55.12	− 1 58.2	1.860	2.769	10.8	18.6
5 1	15 48.60	− 0 9.1	1.826	2.777	8.4	18.5
5 11	15 40.85	+ 1 28.9	1.818	2.786	7.3	18.5
5 21	15 32.73	+ 2 49.3	1.836	2.794	8.3	18.5
5 31	15 25.12	+ 3 47.1	1.881	2.802	10.6	18.7
6 10	15 18.81	+ 4 20.6	1.948	2.810	13.2	18.9
6 20	15 14.32	+ 4 30.7	2.035	2.817	15.6	19.0

31204 1998 AA_{10} 5 17.0 1.°23 8.°0/21.9 18

4 11	16 3.33	−40 3.9	1.606	2.392	18.3	17.8
4 21	15 59.19	−40 24.1	1.527	2.391	15.5	17.6
5 1	15 51.84	−40 20.3	1.467	2.390	12.3	17.4
5 11	15 42.24	−39 48.5	1.427	2.390	9.5	17.2
5 21	15 31.78	−38 48.1	1.411	2.391	8.0	17.1
5 31	15 22.05	−37 23.7	1.420	2.392	9.0	17.2
6 10	15 14.43	−35 44.2	1.452	2.393	11.8	17.3
6 20	15 9.75	−34 0.2	1.507	2.394	15.0	17.5

62524 2000 SL_{250} 5 17.0 114.°94 4.°9/13.7 18

4 11	15 58.24	− 6 4.3	2.288	3.126	11.8	19.6
4 21	15 53.82	− 5 15.8	2.217	3.128	9.2	19.4
5 1	15 47.72	− 4 30.1	2.170	3.131	6.6	19.3
5 11	15 40.52	− 3 51.2	2.149	3.134	5.0	19.2
5 21	15 32.93	− 3 22.6	2.156	3.136	5.5	19.2
5 31	15 25.71	− 3 7.0	2.189	3.138	7.8	19.3
6 10	15 19.55	− 3 5.6	2.247	3.141	10.4	19.5
6 20	15 14.94	− 3 18.4	2.328	3.143	12.9	19.7

55428 Cappellaro 5 17.0 59.°21 4.°7/15.1 18

4 11	16 3.35	− 9 4.5	1.508	2.360	16.1	18.5
4 21	15 58.31	− 8 36.2	1.456	2.379	12.3	18.3
5 1	15 50.79	− 8 10.9	1.426	2.397	8.3	18.1
5 11	15 41.71	− 7 52.7	1.420	2.416	5.1	18.0
5 21	15 32.19	− 7 45.0	1.439	2.436	5.5	18.1
5 31	15 23.41	− 7 50.3	1.484	2.455	8.8	18.3
6 10	15 16.37	− 8 9.4	1.553	2.474	12.5	18.6
6 20	15 11.67	− 8 41.5	1.642	2.494	15.7	18.8

507554 2012 YY_{1} 5 17.0 184.°43 3.°9/14.1 18

4 11	15 59.85	− 5 40.2	2.979	3.801	9.8	22.3
4 21	15 54.66	− 5 11.4	2.898	3.801	7.6	22.2
5 1	15 48.10	− 4 45.4	2.843	3.801	5.5	22.0
5 11	15 40.65	− 4 24.8	2.816	3.800	4.0	21.9
5 21	15 32.85	− 4 11.8	2.817	3.798	4.4	21.9
5 31	15 25.32	− 4 8.1	2.848	3.796	6.3	22.1
6 10	15 18.62	− 4 14.5	2.905	3.793	8.5	22.2
6 20	15 13.18	− 4 31.1	2.986	3.790	10.6	22.3

255564 2006 KM_{51} 5 17.0 307.°20 2.°8/15.9 17

4 11	16 0.36	−15 18.4	1.294	2.159	17.4	20.6
4 21	15 57.20	−14 52.0	1.201	2.133	13.5	20.3
5 1	15 50.86	−14 19.7	1.127	2.106	8.8	20.0
5 11	15 42.02	−13 44.9	1.075	2.080	4.0	19.6
5 21	15 31.83	−13 12.1	1.047	2.054	4.2	19.5
5 31	15 21.82	−12 47.1	1.043	2.028	9.4	19.8
6 10	15 13.55	−12 35.0	1.060	2.003	14.8	20.0
6 20	15 8.11	−12 38.9	1.096	1.979	19.7	20.2

7566 1988 SP 5 17.0 182.°89 0.°4/16.8 18

4 11	16 5.29	−19 36.9	2.061	2.886	13.4	18.9
4 21	15 59.50	−19 21.7	1.977	2.887	10.2	18.7
5 1	15 51.52	−19 0.0	1.916	2.888	6.5	18.5
5 11	15 42.03	−18 33.1	1.882	2.887	2.5	18.2
5 21	15 31.94	−18 3.2	1.876	2.886	1.8	18.2
5 31	15 22.28	−17 33.6	1.899	2.884	5.9	18.5
6 10	15 13.98	−17 8.0	1.949	2.881	9.7	18.7
6 20	15 7.69	−16 49.3	2.022	2.878	13.0	18.9

77362 2001 FB_{130} 5 17.0 314.°17 0.°8/17.3 18

4 11	16 0.30	−21 49.3	1.347	2.203	17.4	18.8
4 21	15 57.08	−21 47.8	1.258	2.184	13.6	18.5
5 1	15 50.70	−21 36.1	1.188	2.165	8.9	18.2
5 11	15 41.93	−21 14.4	1.141	2.146	3.6	17.8
5 21	15 31.94	−20 44.9	1.118	2.128	2.2	17.6
5 31	15 22.27	−20 12.0	1.119	2.111	7.8	17.9
6 10	15 14.41	−19 41.7	1.143	2.095	13.1	18.2
6 20	15 9.39	−19 19.4	1.186	2.079	17.8	18.4

453055 2007 TL_{234} 5 17.0 216.°76 0.°6/16.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.78	−17 33.4	4.050	4.870	7.5	23.2
4 21	15 50.63	−17 15.3	3.953	4.862	5.6	23.1
5 1	15 45.46	−16 54.5	3.883	4.854	3.6	22.9
5 11	15 39.63	−16 32.1	3.840	4.845	1.4	22.7
5 21	15 33.54	−16 9.3	3.828	4.836	1.2	22.7
5 31	15 27.61	−15 47.8	3.846	4.827	3.4	22.9
6 10	15 22.25	−15 29.0	3.893	4.818	5.5	23.0
6 20	15 17.79	−15 14.3	3.965	4.808	7.5	23.1

211197 2002 LY_{49} 5 17.0 40.°13 1.°5/16.5 17

4 11	16 4.16	−15 59.8	1.342	2.198	17.4	20.1
4 21	15 59.56	−16 1.1	1.277	2.204	13.3	19.8
5 1	15 51.96	−15 59.3	1.232	2.210	8.5	19.6
5 11	15 42.29	−15 56.0	1.211	2.216	3.4	19.3
5 21	15 31.83	−15 53.6	1.214	2.223	2.9	19.3
5 31	15 22.04	−15 54.9	1.242	2.230	7.9	19.6
6 10	15 14.20	−16 2.9	1.294	2.237	12.7	19.9
6 20	15 9.12	−16 19.6	1.366	2.245	16.7	20.1

265664 2005 UF_{23} 5 17.0 58.°01 0.°1/17.1 17

4 11	16 1.66	−21 39.4	1.643	2.485	15.5	20.7
4 21	15 57.20	−21 15.7	1.572	2.490	11.8	20.5
5 1	15 50.23	−20 42.3	1.522	2.496	7.6	20.2
5 11	15 41.57	−20 0.8	1.496	2.501	2.9	20.0
5 21	15 32.31	−19 14.8	1.497	2.507	1.9	19.9
5 31	15 23.65	−18 29.1	1.524	2.513	6.6	20.2
6 10	15 16.62	−17 48.8	1.576	2.519	10.8	20.5
6 20	15 11.90	−17 17.9	1.649	2.525	14.5	20.7

22185 Štiavnica 5 17.0 195.°87 7.°7/12.7 18

4 11	16 0.76	+ 5 17.3	2.404	3.214	12.2	17.8
4 21	15 55.63	+ 5 48.9	2.336	3.214	10.2	17.6
5 1	15 48.85	+ 6 9.4	2.291	3.214	8.5	17.5
5 11	15 40.97	+ 6 14.9	2.271	3.214	7.7	17.5
5 21	15 32.71	+ 6 2.8	2.277	3.214	8.1	17.5
5 31	15 24.81	+ 5 32.1	2.309	3.214	9.6	17.6
6 10	15 17.96	+ 4 43.6	2.365	3.213	11.6	17.7
6 20	15 12.65	+ 3 39.9	2.443	3.213	13.6	17.9

416404 2003 US_{131} 5 17.0 265.°80 1.°3/17.8 17

4 11	16 5.83	−24 57.8	1.891	2.710	14.6	22.0
4 21	16 0.60	−24 38.3	1.776	2.681	11.5	21.7
5 1	15 52.65	−24 5.9	1.684	2.651	7.7	21.4
5 11	15 42.64	−23 20.6	1.617	2.619	3.4	21.1
5 21	15 31.53	−22 23.9	1.577	2.587	2.0	20.9
5 31	15 20.58	−21 20.3	1.566	2.554	6.5	21.1
6 10	15 11.01	−20 16.1	1.581	2.520	11.1	21.3
6 20	15 3.74	−19 17.6	1.618	2.485	15.2	21.5

486017 2012 SK_{6} 5 17.0 235.°39 3.°7/21.9 18

4 11	15 55.41	−40 24.8	4.544	5.275	8.0	20.9
4 21	15 51.19	−40 27.9	4.447	5.273	6.8	20.8
5 1	15 45.86	−40 21.1	4.372	5.270	5.4	20.7
5 11	15 39.81	−40 4.0	4.323	5.268	4.3	20.6
5 21	15 33.50	−39 36.8	4.302	5.265	3.7	20.5
5 31	15 27.41	−39 0.6	4.309	5.263	4.1	20.6
6 10	15 21.99	−38 17.7	4.344	5.260	5.2	20.6
6 20	15 17.59	−37 30.6	4.405	5.258	6.6	20.7

207823 2007 TM_{341} 5 17.0 129.°35 1.°3/16.3 18

4 11	16 0.86	−16 45.5	2.154	2.989	12.5	21.2
4 21	15 56.00	−16 27.7	2.078	2.994	9.5	21.0
5 1	15 49.22	−16 6.0	2.025	2.998	6.0	20.8
5 11	15 41.15	−15 42.4	1.998	3.003	2.4	20.6
5 21	15 32.62	−15 19.2	1.999	3.007	2.2	20.6
5 31	15 24.49	−14 59.2	2.029	3.011	5.8	20.8
6 10	15 17.58	−14 45.1	2.084	3.015	9.3	21.0
6 20	15 12.44	−14 38.8	2.163	3.019	12.3	21.2

3923 Radzievskij 5 17.0 149.°30 0.°9/16.1 18 R

4 11	15 55.13	−16 5.1	3.908	4.729	7.7	18.5
4 21	15 50.87	−15 45.4	3.827	4.737	5.8	18.4
5 1	15 45.60	−15 23.7	3.773	4.744	3.6	18.2
5 11	15 39.70	−15 1.3	3.747	4.751	1.5	18.1
5 21	15 33.58	−14 39.4	3.751	4.758	1.5	18.1
5 31	15 27.67	−14 19.7	3.786	4.764	3.6	18.2
6 10	15 22.38	−14 3.6	3.848	4.770	5.7	18.4
6 20	15 18.03	−13 52.2	3.936	4.776	7.6	18.5

498006 2007 EZ_{102} 5 17.0 18.°17 9.°1/11.6 17

4 11	15 57.91	− 1 56.4	1.458	2.316	16.2	20.6
4 21	15 54.37	− 0 18.4	1.403	2.320	13.1	20.4
5 1	15 48.42	+ 1 12.4	1.370	2.324	10.4	20.3
5 11	15 40.89	+ 2 27.1	1.359	2.328	9.2	20.2
5 21	15 32.82	+ 3 18.5	1.372	2.334	10.1	20.3
5 31	15 25.35	+ 3 42.2	1.408	2.339	12.7	20.4
6 10	15 19.47	+ 3 37.5	1.464	2.346	15.6	20.6
6 20	15 15.81	+ 3 7.2	1.539	2.352	18.4	20.8

297462 2000 SV_{310} 5 17.0 185°.65 2°.5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.72	−30 48.1	2.946	3.733	10.7	21.1
4 21	15 55.55	−30 30.4	2.853	3.733	8.5	20.9
5 1	15 48.77	−30 1.5	2.783	3.732	6.0	20.8
5 11	15 40.95	−29 21.7	2.741	3.731	3.6	20.6
5 21	15 32.77	−28 32.2	2.728	3.730	2.5	20.5
5 31	15 24.93	−27 35.9	2.744	3.728	4.4	20.6
6 10	15 18.09	−26 36.7	2.788	3.725	7.0	20.8
6 20	15 12.75	−25 38.4	2.859	3.723	9.4	21.0

70317 1999 RP_{143} 5 17.0 188°.05 2°.4/15.6 17

4 11	16 3.83	−15 3.5	2.016	2.850	13.3	20.7
4 21	15 58.39	−14 22.3	1.934	2.850	10.1	20.5
5 1	15 50.81	−13 36.8	1.876	2.849	6.5	20.2
5 11	15 41.79	−12 50.0	1.845	2.847	3.1	20.0
5 21	15 32.21	−12 5.6	1.841	2.844	3.3	20.0
5 31	15 23.07	−11 27.7	1.866	2.841	6.9	20.2
6 10	15 15.25	−10 59.8	1.916	2.837	10.5	20.4
6 20	15 9.38	−10 44.0	1.989	2.833	13.7	20.6

316806 1999 VL_{73} 5 17.0 110°.64 2°.6/15.6 17

4 11	16 2.98	−15 49.9	1.609	2.456	15.5	21.0
4 21	15 58.10	−15 2.4	1.542	2.465	11.7	20.8
5 1	15 50.75	−14 9.4	1.498	2.474	7.5	20.6
5 11	15 41.77	−13 15.0	1.479	2.482	3.4	20.4
5 21	15 32.25	−12 24.0	1.486	2.490	3.7	20.4
5 31	15 23.37	−11 41.4	1.519	2.498	7.7	20.6
6 10	15 16.15	−11 11.4	1.577	2.506	11.8	20.9
6 20	15 11.22	−10 56.0	1.656	2.513	15.4	21.1

316445 2010 UQ_{51} 5 17.0 279°.90 1°.0/16.5 18

4 11	15 59.68	−16 51.5	2.432	3.263	11.4	21.0
4 21	15 55.12	−16 43.0	2.330	3.244	8.7	20.8
5 1	15 48.72	−16 31.1	2.251	3.224	5.6	20.6
5 11	15 41.01	−16 17.2	2.200	3.204	2.2	20.3
5 21	15 32.69	−16 3.0	2.176	3.185	1.9	20.2
5 31	15 24.55	−15 50.6	2.182	3.165	5.4	20.4
6 10	15 17.38	−15 42.5	2.214	3.145	8.8	20.6
6 20	15 11.78	−15 40.7	2.269	3.124	11.8	20.8

116304 2003 YV_{61} 5 17.0 117°.98 3°.9/15.3 18

4 11	16 4.38	−10 46.4	1.685	2.529	15.0	19.8
4 21	15 59.03	−10 16.3	1.620	2.539	11.5	19.6
5 1	15 51.29	− 9 46.6	1.577	2.549	7.7	19.4
5 11	15 41.98	− 9 21.2	1.560	2.558	4.4	19.2
5 21	15 32.13	− 9 3.5	1.569	2.567	4.7	19.2
5 31	15 22.89	− 8 56.6	1.604	2.576	8.2	19.5
6 10	15 15.22	− 9 2.4	1.665	2.585	11.9	19.7
6 20	15 9.79	− 9 20.9	1.746	2.593	15.2	19.9

56879 2000 QW_{118} 5 17.0 261°.34 3°.5/19.3 18

4 11	16 1.35	−31 6.0	2.406	3.202	12.6	19.4
4 21	15 56.57	−31 12.8	2.305	3.189	10.1	19.2
5 1	15 49.72	−31 7.5	2.227	3.176	7.3	19.0
5 11	15 41.41	−30 49.2	2.175	3.163	4.6	18.8
5 21	15 32.45	−30 18.1	2.150	3.149	3.5	18.7
5 31	15 23.78	−29 36.7	2.153	3.135	5.5	18.8
6 10	15 16.27	−28 49.2	2.182	3.122	8.5	18.9
6 20	15 10.60	−28 0.3	2.236	3.108	11.4	19.1

385437 2003 GH_{55} 5 17.0 25°.13 0°.0/16.8 15

4 11	15 38.80	−18 28.8	40.328	41.148	0.8	22.3
4 21	15 38.11	−18 26.4	40.240	41.149	0.6	22.3
5 1	15 37.35	−18 23.7	40.179	41.150	0.4	22.3
5 11	15 36.53	−18 20.9	40.147	41.152	0.1	22.2
5 21	15 35.70	−18 18.1	40.143	41.153	0.1	22.2
5 31	15 34.88	−18 15.3	40.169	41.154	0.3	22.3
6 10	15 34.10	−18 12.7	40.223	41.155	0.6	22.3
6 20	15 33.40	−18 10.4	40.304	41.156	0.8	22.3

111695 2002 CZ_{13} 5 17.0 329°.82 7°.1/19.3 17

4 11	15 59.64	−31 10.9	1.144	1.991	20.4	18.5
4 21	15 57.50	−32 9.2	1.060	1.972	16.8	18.2
5 1	15 51.51	−32 51.5	0.994	1.954	12.6	17.9
5 11	15 42.44	−33 11.9	0.948	1.937	8.6	17.6
5 21	15 31.68	−33 6.8	0.923	1.921	7.2	17.5
5 31	15 21.26	−32 37.6	0.919	1.907	10.0	17.6
6 10	15 13.13	−31 51.8	0.936	1.893	14.6	17.8
6 20	15 8.62	−30 59.6	0.971	1.881	19.2	18.0

263190 2007 YT_{41} 5 17.0 12°.01 5°.5/20.4 17

4 11	15 59.39	−34 15.0	1.716	2.525	16.3	20.1
4 21	15 55.76	−34 30.3	1.642	2.529	13.3	19.9
5 1	15 49.46	−34 27.5	1.588	2.533	10.0	19.7
5 11	15 41.34	−34 4.8	1.557	2.539	6.9	19.5
5 21	15 32.55	−33 22.9	1.551	2.545	5.5	19.4
5 31	15 24.35	−32 25.6	1.570	2.552	7.2	19.5
6 10	15 17.87	−31 19.8	1.613	2.560	10.3	19.7
6 20	15 13.83	−30 12.8	1.679	2.568	13.6	20.0

267429 2002 CD_{69} 5 17.0 99°.27 5°.0/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.40	− 7 13.2	1.829	2.671	14.1	20.7
4 21	15 57.33	− 6 38.0	1.765	2.681	10.9	20.6
5 1	15 50.12	− 6 6.2	1.724	2.690	7.7	20.4
5 11	15 41.52	− 5 42.0	1.708	2.699	5.2	20.3
5 21	15 32.45	− 5 28.7	1.719	2.708	5.7	20.3
5 31	15 23.91	− 5 28.9	1.756	2.717	8.5	20.5
6 10	15 16.78	− 5 43.5	1.817	2.725	11.7	20.7
6 20	15 11.65	− 6 11.8	1.900	2.734	14.6	20.9

16339 2053 T_{-3} 5 17.0 283°.56 1°.1/17.8 18

4 11	15 59.36	−24 17.0	2.310	3.132	12.2	19.2
4 21	15 55.02	−24 5.6	2.210	3.116	9.5	19.0
5 1	15 48.72	−23 45.1	2.133	3.100	6.3	18.8
5 11	15 41.03	−23 16.2	2.082	3.084	2.8	18.5
5 21	15 32.72	−22 40.4	2.059	3.068	1.7	18.4
5 31	15 24.68	−22 0.7	2.064	3.052	5.1	18.6
6 10	15 17.73	−21 21.1	2.095	3.036	8.7	18.8
6 20	15 12.51	−20 45.4	2.151	3.020	11.9	19.0

349306 2007 UA_{41} 5 17.0 292°.07 0°.7/17.4 17

4 11	16 0.62	−22 23.5	2.003	2.833	13.5	21.3
4 21	15 56.15	−22 15.9	1.916	2.828	10.4	21.1
5 1	15 49.50	−22 0.0	1.852	2.823	6.8	20.9
5 11	15 41.34	−21 36.8	1.814	2.818	2.8	20.6
5 21	15 32.54	−21 7.9	1.803	2.813	1.7	20.5
5 31	15 24.11	−20 36.6	1.820	2.808	5.7	20.8
6 10	15 16.99	−20 7.0	1.862	2.804	9.5	21.0
6 20	15 11.84	−19 42.6	1.927	2.799	12.9	21.2

302012 2000 SM_{16} 5 17.0 223°.80 0°.2/16.9 18

4 11	15 59.45	−20 12.6	2.818	3.637	10.3	22.0
4 21	15 54.63	−19 50.3	2.720	3.628	7.9	21.8
5 1	15 48.24	−19 22.3	2.647	3.617	5.0	21.6
5 11	15 40.79	−18 49.8	2.602	3.607	1.9	21.4
5 21	15 32.90	−18 14.9	2.586	3.596	1.4	21.3
5 31	15 25.26	−17 40.0	2.600	3.584	4.6	21.5
6 10	15 18.51	−17 8.0	2.641	3.572	7.6	21.7
6 20	15 13.15	−16 41.5	2.707	3.560	10.2	21.9

133588 2003 UD_{65} 5 17.0 300°.42 2°.8/17.6 18

4 11	16 10.83	−22 2.2	1.823	2.641	15.2	19.1
4 21	16 4.57	−23 22.7	1.727	2.630	11.9	18.8
5 1	15 55.33	−24 41.7	1.655	2.619	8.1	18.6
5 11	15 43.74	−25 55.5	1.609	2.608	4.2	18.3
5 21	15 30.87	−27 0.2	1.591	2.597	3.2	18.2
5 31	15 18.09	−27 54.1	1.602	2.586	6.9	18.4
6 10	15 6.78	−28 37.8	1.640	2.575	11.0	18.6
6 20	14 57.99	−29 14.5	1.701	2.565	14.7	18.8

367079 2006 QY_{1} 5 17.0 263°.64 1°.8/16.2 18

4 11	16 4.14	−16 16.3	1.758	2.598	14.7	21.6
4 21	15 59.26	−15 56.1	1.658	2.577	11.3	21.4
5 1	15 51.76	−15 30.9	1.581	2.555	7.3	21.1
5 11	15 42.30	−15 2.7	1.529	2.533	3.1	20.8
5 21	15 31.86	−14 34.6	1.504	2.511	3.0	20.7
5 31	15 21.64	−14 10.4	1.505	2.488	7.4	20.9
6 10	15 12.81	−13 54.1	1.532	2.464	11.9	21.1
6 20	15 6.25	−13 48.4	1.580	2.440	15.8	21.3

395247 2010 OF_{12} 5 17.0 299°.60 7°.4/19.0 16

4 11	16 10.47	−36 25.2	2.218	2.983	14.5	20.9
4 21	16 4.43	−38 2.3	2.110	2.961	12.3	20.7
5 1	15 55.38	−39 30.1	2.024	2.939	10.0	20.5
5 11	15 43.84	−40 42.5	1.964	2.917	8.0	20.4
5 21	15 30.76	−41 34.6	1.931	2.895	7.5	20.3
5 31	15 17.52	−42 4.1	1.925	2.873	8.7	20.3
6 10	15 5.55	−42 13.2	1.944	2.851	11.1	20.4
6 20	14 56.00	−42 7.1	1.987	2.830	13.7	20.5

62437 2000 SY_{198} 5 17.0 355°.54 0°.6/16.7 17

4 11	16 1.19	−19 22.8	1.661	2.507	15.2	19.7
4 21	15 56.90	−19 4.7	1.585	2.506	11.6	19.5
5 1	15 50.10	−18 39.2	1.530	2.505	7.4	19.3
5 11	15 41.59	−18 8.2	1.499	2.505	2.8	19.0
5 21	15 32.40	−17 34.8	1.495	2.504	2.1	18.9
5 31	15 23.70	−17 3.2	1.517	2.504	6.7	19.2
6 10	15 16.56	−16 37.5	1.563	2.504	11.0	19.5
6 20	15 11.69	−16 21.1	1.631	2.505	14.8	19.7

465910 2010 VT_{107} 5 17.0 271°.33 0°.4/17.2 18

4 11	16 6.18	−19 56.7	1.703	2.537	15.4	21.4
4 21	16 1.10	−20 8.7	1.599	2.513	11.9	21.1
5 1	15 53.13	−20 15.2	1.517	2.489	7.8	20.8
5 11	15 42.90	−20 16.1	1.459	2.464	3.1	20.5
5 21	15 31.45	−20 11.8	1.428	2.438	2.0	20.3
5 31	15 20.10	−20 4.7	1.424	2.412	7.0	20.6
6 10	15 10.21	−19 58.4	1.445	2.385	11.8	20.8
6 20	15 2.79	−19 56.6	1.488	2.358	16.1	21.0

169266 2001 SP_{182} 5 17.0 160°.58 1°.4/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.54	−25 0.7	2.608	3.417	11.4	21.0
4 21	15 56.31	−24 57.4	2.524	3.422	8.8	20.8
5 1	15 49.34	−24 46.0	2.464	3.427	5.8	20.6
5 11	15 41.22	−24 27.0	2.431	3.431	2.8	20.4
5 21	15 32.66	−24 1.4	2.426	3.435	1.7	20.3
5 31	15 24.46	−23 31.7	2.451	3.438	4.6	20.5
6 10	15 17.34	−23 1.2	2.504	3.441	7.6	20.7
6 20	15 11.82	−22 32.9	2.581	3.444	10.3	20.9

375846 2009 UR_{151} 5 17.0 184°.02 2°.1/18.3 17

4 11	16 4.71	−26 29.1	2.326	3.132	12.7	22.3
4 21	15 58.99	−26 31.7	2.237	3.132	9.9	22.1
5 1	15 51.19	−26 24.5	2.172	3.132	6.7	21.9
5 11	15 41.97	−26 7.3	2.133	3.131	3.4	21.7
5 21	15 32.17	−25 41.0	2.123	3.130	2.3	21.6
5 31	15 22.75	−25 8.2	2.142	3.128	5.2	21.8
6 10	15 14.59	−24 32.8	2.188	3.125	8.5	22.0
6 20	15 8.32	−23 58.9	2.258	3.122	11.6	22.1

190483 2000 EC_{2} 5 17.0 205°.62 3°.7/18.7 18

4 11	16 8.37	−28 16.4	1.646	2.462	16.6	20.1
4 21	16 2.77	−28 37.1	1.560	2.458	13.2	19.9
5 1	15 54.11	−28 44.6	1.495	2.454	9.3	19.6
5 11	15 43.22	−28 36.6	1.454	2.449	5.3	19.4
5 21	15 31.32	−28 13.0	1.439	2.443	3.8	19.3
5 31	15 19.91	−27 36.8	1.450	2.437	7.1	19.5
6 10	15 10.33	−26 54.1	1.487	2.430	11.4	19.7
6 20	15 3.52	−26 11.7	1.546	2.423	15.3	19.9

505705 2015 AF_{76} 5 17.0 15°.76 5°.9/20.5 17

4 11	16 0.69	−34 42.8	1.404	2.224	18.7	20.1
4 21	15 57.26	−34 47.6	1.334	2.228	15.3	19.9
5 1	15 50.64	−34 29.5	1.283	2.232	11.4	19.7
5 11	15 41.85	−33 46.6	1.253	2.237	7.7	19.5
5 21	15 32.27	−32 40.3	1.246	2.243	5.9	19.4
5 31	15 23.48	−31 16.7	1.264	2.250	8.0	19.5
6 10	15 16.80	−29 45.5	1.305	2.258	11.7	19.8
6 20	15 13.02	−28 16.6	1.368	2.266	15.5	20.0

144569 2004 FO_{14} 5 17.1 15°.61 0°.3/17.2 18

4 11	15 58.91	−21 39.8	1.794	2.635	14.4	19.5
4 21	15 54.98	−21 24.3	1.720	2.638	11.0	19.3
5 1	15 48.78	−21 0.3	1.668	2.642	7.1	19.0
5 11	15 41.07	−20 29.2	1.641	2.646	2.8	18.8
5 21	15 32.79	−19 53.6	1.640	2.651	1.7	18.7
5 31	15 25.00	−19 17.6	1.666	2.656	6.0	19.0
6 10	15 18.64	−18 45.4	1.717	2.662	10.0	19.2
6 20	15 14.37	−18 20.6	1.791	2.668	13.5	19.5

187181 2005 SD_{51} 5 17.1 215°.26 1°.5/18.1 18

4 11	16 0.46	−25 23.3	2.879	3.684	10.5	21.6
4 21	15 55.44	−25 24.2	2.782	3.677	8.2	21.4
5 1	15 48.79	−25 17.7	2.709	3.670	5.5	21.2
5 11	15 41.03	−25 3.9	2.663	3.662	2.7	21.0
5 21	15 32.80	−24 43.7	2.647	3.654	1.7	20.9
5 31	15 24.81	−24 18.9	2.660	3.646	4.3	21.1
6 10	15 17.75	−23 52.3	2.700	3.637	7.2	21.3
6 20	15 12.12	−23 26.9	2.767	3.628	9.8	21.4

155751 2000 SY_{102} 5 17.1 215°.27 1°.0/17.7 18

4 11	16 3.54	−23 21.3	2.281	3.097	12.6	21.5
4 21	15 58.17	−23 16.3	2.186	3.090	9.7	21.3
5 1	15 50.72	−23 3.2	2.115	3.082	6.4	21.1
5 11	15 41.82	−22 42.2	2.070	3.073	2.8	20.8
5 21	15 32.29	−22 14.9	2.054	3.064	1.7	20.7
5 31	15 23.07	−21 43.8	2.067	3.054	5.3	20.9
6 10	15 15.05	−21 12.7	2.106	3.043	8.8	21.1
6 20	15 8.87	−20 45.3	2.170	3.032	12.0	21.3

352441 2008 AP_{34} 5 17.1 143°.37 4°.7/13.9 18

4 11	15 59.77	− 4 32.0	2.550	3.378	11.0	21.4
4 21	15 54.81	− 3 57.0	2.481	3.385	8.7	21.2
5 1	15 48.31	− 3 26.0	2.436	3.392	6.3	21.1
5 11	15 40.82	− 3 2.4	2.418	3.399	4.8	21.0
5 21	15 32.99	− 2 48.6	2.428	3.405	5.3	21.0
5 31	15 25.51	− 2 46.6	2.465	3.411	7.2	21.2
6 10	15 19.01	− 2 57.1	2.529	3.416	9.6	21.3
6 20	15 13.95	− 3 19.7	2.615	3.422	11.9	21.5

253006 2002 RH_{66} 5 17.1 149°.31 15°.0/ 7.5 18

4 11	16 6.09	+ 7 51.2	1.302	2.133	19.3	20.8
4 21	16 0.79	+10 38.8	1.261	2.142	16.9	20.7
5 1	15 52.60	+13 8.1	1.242	2.150	15.3	20.6
5 11	15 42.54	+15 5.0	1.244	2.158	15.1	20.6
5 21	15 31.91	+16 19.7	1.267	2.164	16.3	20.7
5 31	15 22.11	+16 48.5	1.310	2.170	18.4	20.8
6 10	15 14.31	+16 34.1	1.370	2.174	20.7	21.0
6 20	15 9.20	+15 43.5	1.444	2.178	22.8	21.2

505863 2015 DU_{64} 5 17.1 314°.78 2°.4/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.27	−15 9.8	1.621	2.473	15.1	20.8
4 21	15 56.31	−14 44.1	1.538	2.463	11.6	20.5
5 1	15 49.83	−14 14.4	1.477	2.454	7.5	20.2
5 11	15 41.55	−13 43.7	1.441	2.445	3.4	20.0
5 21	15 32.48	−13 15.5	1.430	2.436	3.4	19.9
5 31	15 23.81	−12 53.9	1.444	2.427	7.7	20.2
6 10	15 16.64	−12 42.5	1.483	2.419	12.0	20.4
6 20	15 11.73	−12 43.3	1.543	2.411	15.8	20.6

257624 1999 TU_{137} 5 17.1 170°.27 1°.2/17.8 16

4 11	16 6.31	−23 55.5	2.132	2.945	13.4	22.3
4 21	16 0.30	−23 52.6	2.049	2.950	10.4	22.1
5 1	15 52.06	−23 40.8	1.989	2.954	6.8	21.9
5 11	15 42.33	−23 20.3	1.956	2.958	3.0	21.6
5 21	15 32.01	−22 52.4	1.951	2.960	1.8	21.5
5 31	15 22.15	−22 20.1	1.975	2.962	5.5	21.8
6 10	15 13.67	−21 47.7	2.026	2.963	9.2	22.0
6 20	15 7.23	−21 18.9	2.101	2.963	12.4	22.2

99831 2002 NH_{11} 5 17.1 300°.88 1°.4/17.8 18

4 11	16 0.33	−24 30.0	1.820	2.652	14.6	19.7
4 21	15 56.30	−24 20.3	1.726	2.637	11.4	19.5
5 1	15 49.82	−23 59.5	1.653	2.623	7.6	19.2
5 11	15 41.55	−23 28.0	1.605	2.608	3.4	18.9
5 21	15 32.48	−22 47.7	1.583	2.593	2.0	18.8
5 31	15 23.73	−22 2.5	1.589	2.579	6.2	19.0
6 10	15 16.40	−21 17.6	1.619	2.564	10.4	19.3
6 20	15 11.26	−20 38.0	1.671	2.551	14.2	19.5

469402 2001 UN_{88} 5 17.1 207°.17 1°.8/15.5 16

4 11	15 59.06	−15 52.2	2.868	3.694	10.0	22.4
4 21	15 54.24	−15 3.4	2.776	3.688	7.6	22.2
5 1	15 47.95	−14 10.3	2.710	3.681	4.9	22.0
5 11	15 40.70	−13 15.4	2.672	3.674	2.3	21.8
5 21	15 33.09	−12 21.8	2.663	3.666	2.5	21.8
5 31	15 25.74	−11 32.6	2.685	3.658	5.2	22.0
6 10	15 19.27	−10 50.7	2.734	3.650	8.0	22.2
6 20	15 14.12	−10 18.1	2.807	3.640	10.4	22.3

416475 2003 WE_{94} 5 17.1 183°.79 0°.9/17.6 15

4 11	16 5.11	−24 48.4	2.047	2.863	13.8	22.2
4 21	15 59.45	−24 13.7	1.961	2.864	10.7	22.0
5 1	15 51.54	−23 27.2	1.898	2.864	7.0	21.8
5 11	15 42.13	−22 30.0	1.861	2.864	3.0	21.5
5 21	15 32.17	−21 25.2	1.852	2.862	1.7	21.4
5 31	15 22.70	−20 17.6	1.873	2.860	5.7	21.7
6 10	15 14.68	−19 13.0	1.920	2.857	9.6	21.9
6 20	15 8.72	−18 16.2	1.992	2.853	13.0	22.1

66863 1999 VM_{43} 5 17.1 246°.54 1°.0/16.5 18

4 11	16 0.58	−19 11.9	1.926	2.765	13.7	19.3
4 21	15 56.12	−18 37.6	1.843	2.761	10.4	19.1
5 1	15 49.48	−17 55.8	1.783	2.758	6.6	18.9
5 11	15 41.36	−17 8.8	1.749	2.754	2.6	18.6
5 21	15 32.66	−16 20.2	1.742	2.751	2.2	18.6
5 31	15 24.37	−15 34.3	1.762	2.747	6.3	18.8
6 10	15 17.43	−14 55.4	1.808	2.743	10.2	19.0
6 20	15 12.46	−14 26.8	1.876	2.739	13.6	19.2

370188 2002 CM_{180} 5 17.1 214°.58 4°.6/14.2 18

4 11	16 2.32	− 7 1.0	2.275	3.106	12.1	21.5
4 21	15 57.06	− 6 21.2	2.190	3.098	9.5	21.3
5 1	15 49.92	− 5 43.4	2.128	3.090	6.7	21.1
5 11	15 41.51	− 5 11.3	2.093	3.081	4.7	21.0
5 21	15 32.56	− 4 48.1	2.086	3.071	5.2	21.0
5 31	15 23.91	− 4 36.7	2.107	3.061	7.7	21.1
6 10	15 16.35	− 4 38.6	2.153	3.050	10.6	21.3
6 20	15 10.45	− 4 54.0	2.222	3.039	13.4	21.4

247124 2000 UR_{98} 5 17.1 163°.70 1°.1/17.9 17

4 11	16 3.16	−24 52.0	2.378	3.190	12.3	21.6
4 21	15 57.66	−24 33.0	2.295	3.195	9.5	21.5
5 1	15 50.26	−24 4.7	2.236	3.200	6.2	21.3
5 11	15 41.62	−23 27.6	2.203	3.205	2.8	21.0
5 21	15 32.52	−22 43.9	2.200	3.209	1.6	21.0
5 31	15 23.86	−21 56.9	2.225	3.212	5.0	21.2
6 10	15 16.42	−21 10.7	2.278	3.215	8.3	21.4
6 20	15 10.74	−20 29.2	2.356	3.217	11.2	21.6

283281 2011 HR_{54} 5 17.1 309°.59 9°.1/13.3 18

4 11	16 2.83	+ 3 36.5	1.744	2.572	15.3	19.8
4 21	15 58.01	+ 4 9.7	1.665	2.558	12.8	19.6
5 1	15 50.81	+ 4 30.0	1.607	2.544	10.5	19.4
5 11	15 41.92	+ 4 31.3	1.573	2.531	9.2	19.3
5 21	15 32.29	+ 4 9.6	1.563	2.518	9.7	19.3
5 31	15 23.01	+ 3 23.4	1.577	2.505	11.8	19.4
6 10	15 15.10	+ 2 14.1	1.615	2.492	14.6	19.5
6 20	15 9.32	+ 0 45.5	1.673	2.480	17.4	19.7

390616 2001 VM_7 5 17.1 154°.89 1°.0/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.42	−18 53.2	2.710	3.534	10.6	21.3
4 21	15 54.53	−18 8.0	2.630	3.541	8.0	21.1
5 1	15 48.13	−17 17.1	2.575	3.547	5.0	20.9
5 11	15 40.77	−16 22.9	2.548	3.553	2.0	20.7
5 21	15 33.09	−15 28.1	2.550	3.558	1.8	20.7
5 31	15 25.78	−14 36.2	2.582	3.563	4.9	20.9
6 10	15 19.44	−13 50.4	2.642	3.567	7.8	21.1
6 20	15 14.53	−13 13.1	2.726	3.571	10.4	21.3

31073 1996 VV_{29} 5 17.1 156°.76 0°.2/17.2 18

4 11	16 2.06	−20 3.0	2.524	3.344	11.4	19.2
4 21	15 56.74	−20 7.7	2.442	3.349	8.7	19.1
5 1	15 49.65	−20 7.8	2.384	3.353	5.6	18.9
5 11	15 41.39	−20 3.7	2.353	3.357	2.2	18.6
5 21	15 32.67	−19 56.6	2.351	3.361	1.4	18.6
5 31	15 24.28	−19 48.2	2.378	3.365	4.8	18.8
6 10	15 16.95	−19 40.9	2.433	3.368	7.9	19.0
6 20	15 11.21	−19 36.7	2.513	3.371	10.7	19.2

118740 2000 QN_{137} 5 17.1 143°.21 1°.3/16.2 18

4 11	16 2.19	−18 27.6	2.048	2.880	13.2	19.7
4 21	15 57.07	−17 43.1	1.973	2.888	10.0	19.5
5 1	15 49.94	−16 51.7	1.922	2.896	6.3	19.3
5 11	15 41.50	−15 56.5	1.898	2.903	2.5	19.1
5 21	15 32.63	−15 1.1	1.902	2.910	2.4	19.1
5 31	15 24.25	−14 10.0	1.935	2.916	6.1	19.3
6 10	15 17.20	−13 27.3	1.993	2.922	9.7	19.6
6 20	15 12.05	−12 55.6	2.075	2.927	12.9	19.8

31241 1998 DK_2 5 17.1 197°.47 5°.6/13.8 18

4 11	15 59.88	− 3 8.3	2.273	3.105	12.1	19.2
4 21	15 55.14	− 2 33.6	2.200	3.105	9.6	19.0
5 1	15 48.66	− 2 4.4	2.150	3.104	7.2	18.8
5 11	15 41.02	− 1 44.4	2.126	3.104	5.7	18.8
5 21	15 32.94	− 1 36.6	2.129	3.103	6.1	18.8
5 31	15 25.21	− 1 42.9	2.159	3.102	8.2	18.9
6 10	15 18.55	− 2 3.8	2.214	3.102	10.8	19.1
6 20	15 13.49	− 2 38.4	2.290	3.101	13.2	19.2

113374 2002 SB_8 5 17.1 306°.73 2°.5/17.9 18

4 11	16 3.53	−24 21.5	1.472	2.312	17.0	19.8
4 21	15 59.39	−24 46.7	1.385	2.300	13.4	19.5
5 1	15 52.15	−25 2.3	1.319	2.289	9.1	19.2
5 11	15 42.57	−25 6.8	1.276	2.278	4.5	18.9
5 21	15 31.85	−24 59.9	1.258	2.267	3.0	18.8
5 31	15 21.50	−24 44.3	1.265	2.256	7.3	19.0
6 10	15 12.93	−24 24.8	1.296	2.246	12.1	19.2
6 20	15 7.15	−24 7.0	1.347	2.236	16.3	19.5

478119 2011 UZ_{99} 5 17.1 103°.43 0°.1/16.9 17

4 11	15 58.75	−21 35.1	2.447	3.273	11.5	21.1
4 21	15 54.23	−21 0.7	2.369	3.280	8.8	20.9
5 1	15 48.03	−20 19.0	2.315	3.286	5.6	20.8
5 11	15 40.76	−19 31.6	2.288	3.293	2.1	20.5
5 21	15 33.13	−18 41.5	2.290	3.300	1.4	20.5
5 31	15 25.89	−17 52.0	2.320	3.306	4.9	20.7
6 10	15 19.74	−17 6.9	2.378	3.313	8.1	20.9
6 20	15 15.16	−16 29.1	2.460	3.319	10.9	21.1

519237 2010 VE_{227} 5 17.1 224°.70 3°.1/15.7 17

4 11	16 4.40	−12 13.4	1.790	2.631	14.4	21.6
4 21	15 59.20	−11 54.9	1.707	2.624	11.1	21.3
5 1	15 51.57	−11 35.8	1.645	2.618	7.3	21.1
5 11	15 42.23	−11 18.8	1.610	2.611	3.8	20.9
5 21	15 32.14	−11 6.9	1.601	2.603	4.0	20.9
5 31	15 22.43	−11 2.9	1.619	2.596	7.7	21.1
6 10	15 14.15	−11 9.1	1.663	2.587	11.6	21.3
6 20	15 8.04	−11 26.5	1.728	2.579	15.1	21.5

498860 2008 YO_{43} 5 17.1 194°.45 1°.3/16.3 17

4 11	16 1.91	−16 16.2	2.234	3.065	12.3	22.5
4 21	15 56.83	−16 2.3	2.150	3.064	9.3	22.3
5 1	15 49.82	−15 45.0	2.089	3.062	6.0	22.1
5 11	15 41.49	−15 26.1	2.056	3.060	2.4	21.9
5 21	15 32.64	−15 7.7	2.050	3.058	2.2	21.8
5 31	15 24.13	−14 52.2	2.073	3.055	5.8	22.1
6 10	15 16.77	−14 42.2	2.123	3.052	9.2	22.3
6 20	15 11.16	−14 39.7	2.196	3.049	12.3	22.5

430944 2005 UG_{241} 5 17.1 129°.31 1°.7/16.3 17

4 11	16 4.89	−14 42.4	1.909	2.744	13.9	21.2
4 21	15 59.31	−14 42.4	1.836	2.752	10.6	21.0
5 1	15 51.48	−14 40.7	1.786	2.759	6.8	20.8
5 11	15 42.14	−14 39.0	1.763	2.766	2.9	20.5
5 21	15 32.23	−14 38.8	1.766	2.773	2.6	20.5
5 31	15 22.80	−14 42.2	1.798	2.780	6.5	20.8
6 10	15 14.79	−14 51.2	1.855	2.786	10.2	21.0
6 20	15 8.85	−15 7.2	1.936	2.792	13.5	21.2

99561 2002 FJ_4 5 17.1 30°.47 2°.8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.06	−24 57.6	1.268	2.116	18.7	19.0
4 21	15 59.92	−25 21.4	1.202	2.121	14.6	18.8
5 1	15 52.46	−25 33.0	1.157	2.127	9.9	18.5
5 11	15 42.64	−25 31.0	1.133	2.134	4.9	18.2
5 21	15 31.90	−25 16.0	1.133	2.141	3.2	18.1
5 31	15 21.89	−24 51.9	1.157	2.148	7.7	18.4
6 10	15 14.06	−24 25.0	1.204	2.157	12.5	18.7
6 20	15 9.28	−24 1.2	1.270	2.165	16.7	19.0

471899 2013 BL_{31} 5 17.1 253°.43 5°.4/20.5 18

4 11	16 3.23	−36 25.0	2.422	3.193	13.2	21.3
4 21	15 58.18	−36 51.5	2.324	3.183	11.0	21.1
5 1	15 50.87	−37 3.9	2.248	3.173	8.5	21.0
5 11	15 41.96	−36 59.9	2.196	3.163	6.3	20.8
5 21	15 32.33	−36 38.7	2.171	3.153	5.4	20.7
5 31	15 23.00	−36 1.9	2.174	3.143	6.5	20.8
6 10	15 14.96	−35 13.9	2.202	3.132	8.9	20.9
6 20	15 8.90	−34 20.1	2.255	3.122	11.5	21.0

500493 2012 TW_{264} 5 17.1 155°.67 2°.3/15.6 17

4 11	16 0.02	−14 39.2	2.211	3.048	12.2	22.0
4 21	15 55.34	−14 0.9	2.134	3.051	9.2	21.8
5 1	15 48.82	−13 19.3	2.081	3.054	6.0	21.6
5 11	15 41.10	−12 37.4	2.054	3.056	2.9	21.4
5 21	15 32.94	−11 58.4	2.056	3.059	3.1	21.4
5 31	15 25.18	−11 25.7	2.085	3.061	6.2	21.6
6 10	15 18.56	−11 2.2	2.141	3.063	9.5	21.8
6 20	15 13.64	−10 49.4	2.219	3.065	12.4	22.0

62833 2000 UB_{56} 5 17.1 267°.50 0°.3/17.3 18

4 11	16 1.33	−23 54.9	1.939	2.768	14.0	18.8
4 21	15 56.86	−23 9.3	1.841	2.752	10.8	18.6
5 1	15 50.08	−22 10.6	1.765	2.736	7.0	18.3
5 11	15 41.67	−21 0.4	1.715	2.719	2.8	18.0
5 21	15 32.55	−19 42.7	1.692	2.702	1.7	17.9
5 31	15 23.80	−18 22.9	1.698	2.686	6.1	18.2
6 10	15 16.40	−17 7.7	1.730	2.669	10.3	18.4
6 20	15 11.06	−16 2.5	1.784	2.651	14.0	18.6

297712 2001 VS_{118} 5 17.1 80°.08 0°.5/17.3 18

4 11	16 7.92	−19 58.2	1.367	2.212	17.8	20.3
4 21	16 2.41	−20 16.0	1.307	2.226	13.6	20.1
5 1	15 53.81	−20 27.0	1.267	2.241	8.8	19.9
5 11	15 43.11	−20 31.3	1.251	2.255	3.5	19.6
5 21	15 31.68	−20 29.7	1.260	2.270	2.1	19.5
5 31	15 21.04	−20 25.4	1.295	2.285	7.3	19.9
6 10	15 12.52	−20 22.2	1.353	2.299	12.0	20.2
6 20	15 6.87	−20 23.9	1.433	2.313	16.0	20.5

331522 2000 QD_{70} 5 17.1 306°.81 8°.7/11.2 16

4 11	15 59.70	− 3 56.4	1.558	2.411	15.6	20.7
4 21	15 56.27	− 2 19.4	1.452	2.369	12.7	20.4
5 1	15 50.13	− 0 40.4	1.368	2.326	10.1	20.2
5 11	15 41.85	+ 0 52.0	1.308	2.283	8.7	20.0
5 21	15 32.35	+ 2 8.5	1.272	2.240	10.1	19.9
5 31	15 22.84	+ 3 0.5	1.259	2.196	13.4	20.0
6 10	15 14.61	+ 3 23.0	1.268	2.153	17.3	20.1
6 20	15 8.65	+ 3 15.0	1.294	2.109	21.2	20.2

292695 2006 UZ_{113} 5 17.1 339°.11 0°.7/17.4 17

4 11	16 0.22	−21 56.6	2.019	2.851	13.4	21.1
4 21	15 55.86	−21 54.2	1.935	2.848	10.3	20.9
5 1	15 49.35	−21 44.3	1.874	2.845	6.7	20.6
5 11	15 41.37	−21 27.7	1.839	2.843	2.7	20.4
5 21	15 32.77	−21 6.0	1.830	2.841	1.6	20.3
5 31	15 24.56	−20 42.2	1.850	2.839	5.6	20.6
6 10	15 17.62	−20 19.7	1.894	2.837	9.4	20.8
6 20	15 12.62	−20 1.8	1.962	2.835	12.7	21.0

44833 1999 TL_{248} 5 17.1 289°.93 4°.2/15.4 18

4 11	16 3.14	−10 34.4	1.517	2.369	16.0	17.7
4 21	15 58.61	−10 10.4	1.439	2.362	12.3	17.5
5 1	15 51.38	− 9 47.1	1.383	2.356	8.3	17.2
5 11	15 42.22	− 9 28.5	1.350	2.349	4.8	17.0
5 21	15 32.21	− 9 18.3	1.343	2.343	5.1	17.0
5 31	15 22.65	− 9 19.9	1.361	2.336	8.9	17.2
6 10	15 14.72	− 9 35.2	1.403	2.330	13.1	17.4
6 20	15 9.22	−10 4.5	1.464	2.324	16.9	17.7

499006 2009 CS_{32} 5 17.1 19°.45 4°.8/15.2 17

4 11	16 0.18	−11 31.7	1.134	2.009	18.7	21.0
4 21	15 56.86	−10 51.7	1.078	2.013	14.3	20.8
5 1	15 50.41	−10 11.2	1.040	2.019	9.5	20.5
5 11	15 41.84	− 9 36.2	1.025	2.025	5.4	20.3
5 21	15 32.50	− 9 12.1	1.032	2.033	5.9	20.4
5 31	15 23.94	− 9 3.7	1.061	2.041	10.2	20.6
6 10	15 17.45	− 9 13.2	1.112	2.050	14.8	20.9
6 20	15 13.80	− 9 40.2	1.181	2.060	18.8	21.2

255132 2005 UE_{131} 5 17.1 260°.34 0°.1/17.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.42	−22 15.3	2.427	3.252	11.6	20.2
4 21	15 54.09	−21 32.9	2.337	3.247	8.9	20.0
5 1	15 48.02	−20 41.7	2.271	3.242	5.7	19.8
5 11	15 40.81	−19 43.7	2.232	3.237	2.2	19.5
5 21	15 33.16	−18 41.9	2.222	3.232	1.5	19.5
5 31	15 25.86	−17 40.4	2.241	3.227	5.0	19.7
6 10	15 19.62	−16 43.4	2.286	3.222	8.4	19.9
6 20	15 14.97	−15 54.3	2.357	3.216	11.3	20.1

65621 4247 $T\text{-}_3$ 5 17.1 311°.90 5°.1/18.9 18

4 11	16 7.27	−30 58.0	2.195	2.986	13.8	19.1
4 21	16 1.53	−32 11.3	2.101	2.978	11.2	18.9
5 1	15 53.23	−33 16.0	2.030	2.971	8.4	18.7
5 11	15 42.97	−34 8.2	1.986	2.964	5.9	18.5
5 21	15 31.69	−34 45.2	1.968	2.957	5.2	18.5
5 31	15 20.55	−35 6.4	1.979	2.950	6.9	18.5
6 10	15 10.72	−35 14.3	2.016	2.943	9.7	18.7
6 20	15 3.08	−35 13.1	2.076	2.937	12.6	18.9

380780 2005 UT_{510} 5 17.1 339°.54 2°.7/16.5 17

4 11	16 5.53	−10 40.7	1.417	2.269	16.9	19.9
4 21	16 0.77	−11 14.7	1.337	2.261	13.1	19.7
5 1	15 52.97	−11 54.6	1.278	2.253	8.6	19.4
5 11	15 42.91	−12 41.5	1.242	2.245	4.0	19.1
5 21	15 31.75	−13 35.1	1.232	2.239	3.7	19.1
5 31	15 20.96	−14 35.1	1.248	2.233	8.3	19.3
6 10	15 11.91	−15 40.6	1.287	2.228	13.0	19.5
6 20	15 5.58	−16 50.8	1.348	2.223	17.1	19.8

386514 2009 BX_{115} 5 17.1 287°.25 3°.0/18.7 17

4 11	16 1.91	−28 2.2	2.017	2.832	14.0	21.1
4 21	15 57.32	−28 13.3	1.927	2.825	11.1	20.9
5 1	15 50.40	−28 13.0	1.860	2.819	7.7	20.6
5 11	15 41.82	−28 0.4	1.817	2.812	4.4	20.4
5 21	15 32.51	−27 36.1	1.801	2.806	3.1	20.3
5 31	15 23.57	−27 2.9	1.812	2.799	5.9	20.5
6 10	15 16.00	−26 25.1	1.849	2.793	9.4	20.7
6 20	15 10.52	−25 47.8	1.909	2.786	12.8	20.9

84319 2002 TX_{45} 5 17.1 223°.13 0°.5/17.4 17

4 11	16 1.30	−21 50.0	2.233	3.058	12.5	20.2
4 21	15 56.48	−21 44.0	2.145	3.054	9.6	20.0
5 1	15 49.67	−21 30.9	2.080	3.050	6.2	19.8
5 11	15 41.49	−21 11.5	2.042	3.046	2.5	19.5
5 21	15 32.73	−20 47.5	2.031	3.041	1.5	19.5
5 31	15 24.31	−20 21.4	2.049	3.037	5.3	19.7
6 10	15 17.07	−19 56.8	2.093	3.032	8.8	19.9
6 20	15 11.62	−19 36.6	2.161	3.027	11.9	20.1

335160 2004 XB_{92} 5 17.1 253°.51 0°.7/16.7 17

4 11	16 2.76	−18 24.0	2.134	2.964	12.8	21.6
4 21	15 57.77	−18 13.4	2.034	2.947	9.8	21.3
5 1	15 50.62	−17 57.7	1.958	2.930	6.3	21.1
5 11	15 41.90	−17 38.1	1.907	2.912	2.4	20.8
5 21	15 32.44	−17 16.4	1.885	2.894	1.9	20.7
5 31	15 23.22	−16 55.4	1.891	2.876	5.9	20.9
6 10	15 15.15	−16 38.5	1.924	2.857	9.8	21.1
6 20	15 8.96	−16 28.2	1.979	2.838	13.2	21.3

225870 2001 XU_{239} 5 17.1 249°.62 1°.0/17.7 18

4 11	16 4.25	−23 17.4	2.137	2.956	13.2	20.5
4 21	15 59.01	−23 13.3	2.032	2.937	10.3	20.2
5 1	15 51.47	−23 0.7	1.951	2.918	6.8	20.0
5 11	15 42.25	−22 39.6	1.895	2.898	3.0	19.7
5 21	15 32.21	−22 11.2	1.867	2.877	1.8	19.6
5 31	15 22.39	−21 38.4	1.868	2.855	5.7	19.8
6 10	15 13.79	−21 5.2	1.895	2.833	9.6	20.0
6 20	15 7.17	−20 35.9	1.946	2.811	13.1	20.2

206741 2004 BR_{124} 5 17.1 61°.15 5°.4/20.3 18

4 11	16 3.66	−34 49.5	2.010	2.800	14.9	20.3
4 21	15 58.72	−35 16.8	1.933	2.806	12.3	20.1
5 1	15 51.29	−35 28.5	1.877	2.813	9.3	19.9
5 11	15 42.14	−35 22.2	1.844	2.820	6.6	19.8
5 21	15 32.33	−34 57.7	1.838	2.827	5.5	19.7
5 31	15 23.04	−34 17.7	1.858	2.834	6.9	19.8
6 10	15 15.34	−33 27.4	1.904	2.841	9.6	20.0
6 20	15 9.93	−32 33.3	1.972	2.848	12.5	20.2

168168 2006 HD_{69} 5 17.1 259°.68 0°.9/16.5 17

4 11	16 0.71	−18 54.9	2.163	2.995	12.6	20.9
4 21	15 56.13	−18 25.8	2.065	2.980	9.6	20.7
5 1	15 49.51	−17 49.9	1.991	2.964	6.2	20.4
5 11	15 41.46	−17 9.2	1.943	2.948	2.4	20.2
5 21	15 32.75	−16 26.4	1.923	2.932	2.0	20.1
5 31	15 24.32	−15 45.3	1.932	2.916	5.9	20.3
6 10	15 17.04	−15 9.8	1.966	2.899	9.6	20.5
6 20	15 11.55	−14 42.9	2.024	2.882	12.9	20.7

282959 2007 RR_{257} 5 17.1 339°.94 8°.8/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 53.37	− 5 0.3	1.257	2.134	17.0	20.6
4 21	15 51.61	− 3 33.9	1.182	2.114	13.7	20.4
5 1	15 47.12	− 2 9.5	1.127	2.095	10.5	20.1
5 11	15 40.65	− 0 56.6	1.094	2.077	8.8	20.0
5 21	15 33.26	− 0 4.2	1.083	2.061	10.0	20.0
5 31	15 26.26	+ 0 20.7	1.093	2.047	13.2	20.1
6 10	15 20.89	+ 0 15.4	1.122	2.034	17.0	20.3
6 20	15 17.98	− 0 18.5	1.169	2.023	20.6	20.5

340507 2006 JT_6 5 17.1 309°.26 0°.8/16.7 17

4 11	16 1.34	−17 51.3	1.839	2.680	14.1	20.9
4 21	15 56.90	−17 46.5	1.754	2.673	10.8	20.6
5 1	15 50.13	−17 37.2	1.692	2.667	6.9	20.4
5 11	15 41.72	−17 24.6	1.655	2.661	2.7	20.1
5 21	15 32.59	−17 10.7	1.645	2.654	2.1	20.0
5 31	15 23.82	−16 58.4	1.662	2.649	6.4	20.3
6 10	15 16.43	−16 50.7	1.704	2.643	10.4	20.5
6 20	15 11.11	−16 50.2	1.768	2.637	14.0	20.7

353256 2010 EE_{78} 5 17.1 188°.81 2°.0/18.1 18

4 11	16 3.26	−24 49.3	2.035	2.855	13.7	20.9
4 21	15 58.22	−25 5.0	1.952	2.855	10.7	20.7
5 1	15 50.91	−25 12.2	1.890	2.855	7.2	20.5
5 11	15 42.00	−25 10.2	1.855	2.855	3.5	20.3
5 21	15 32.42	−24 59.5	1.846	2.854	2.3	20.2
5 31	15 23.22	−24 42.6	1.866	2.854	5.7	20.4
6 10	15 15.39	−24 22.9	1.911	2.853	9.3	20.6
6 20	15 9.61	−24 4.4	1.980	2.853	12.6	20.8

283182 2009 UJ_{28} 5 17.1 135°.04 0°.8/16.5 18

4 11	16 1.58	−21 5.5	1.850	2.686	14.2	20.3
4 21	15 56.88	−20 8.3	1.774	2.690	10.8	20.1
5 1	15 49.97	−19 0.6	1.720	2.694	6.9	19.8
5 11	15 41.59	−17 45.6	1.692	2.698	2.6	19.6
5 21	15 32.72	−16 28.1	1.692	2.701	2.2	19.6
5 31	15 24.40	−15 14.1	1.720	2.705	6.4	19.8
6 10	15 17.53	−14 9.4	1.774	2.708	10.4	20.1
6 20	15 12.74	−13 17.7	1.850	2.711	13.8	20.3

459041 2011 YV_{78} 5 17.1 56°.67 3°.9/18.7 16

4 11	16 5.73	−27 45.9	1.451	2.281	17.7	20.8
4 21	16 0.97	−28 15.3	1.380	2.286	14.0	20.6
5 1	15 53.06	−28 31.2	1.329	2.292	9.8	20.4
5 11	15 42.91	−28 31.3	1.301	2.297	5.6	20.1
5 21	15 31.85	−28 15.7	1.298	2.303	4.1	20.0
5 31	15 21.45	−27 47.5	1.320	2.309	7.4	20.3
6 10	15 13.07	−27 13.1	1.366	2.315	11.7	20.5
6 20	15 7.59	−26 39.0	1.433	2.321	15.6	20.8

240216 2002 SD_{43} 5 17.1 206°.44 5°.1/12.4 18

4 11	15 59.13	− 5 9.4	2.635	3.463	10.7	21.1
4 21	15 54.38	− 3 51.5	2.553	3.458	8.5	20.9
5 1	15 48.12	− 2 35.0	2.498	3.452	6.3	20.8
5 11	15 40.85	− 1 24.4	2.470	3.445	5.2	20.7
5 21	15 33.19	− 0 24.0	2.471	3.438	5.9	20.7
5 31	15 25.82	+ 0 22.5	2.500	3.431	7.9	20.8
6 10	15 19.37	+ 0 53.3	2.554	3.423	10.2	21.0
6 20	15 14.29	+ 1 7.8	2.630	3.414	12.4	21.1

206478 2003 UO_{51} 5 17.1 316°.86 3°.4/19.4 18

4 11	16 1.02	−31 8.1	1.821	2.635	15.4	19.8
4 21	15 56.85	−30 48.2	1.733	2.629	12.3	19.5
5 1	15 50.16	−30 10.7	1.666	2.623	8.7	19.3
5 11	15 41.74	−29 15.5	1.624	2.617	5.1	19.1
5 21	15 32.63	−28 4.8	1.607	2.611	3.5	19.0
5 31	15 24.04	−26 43.7	1.617	2.606	6.3	19.1
6 10	15 17.02	−25 19.8	1.653	2.601	10.1	19.3
6 20	15 12.30	−24 0.0	1.712	2.596	13.7	19.5

490685 2010 LB_{37} 5 17.1 269°.06 1°.2/18.0 17

4 11	15 59.41	−25 42.8	2.444	3.259	11.9	21.3
4 21	15 54.98	−25 18.0	2.343	3.245	9.2	21.1
5 1	15 48.69	−24 42.9	2.266	3.231	6.2	20.9
5 11	15 41.13	−23 58.1	2.215	3.216	2.8	20.7
5 21	15 33.02	−23 5.8	2.193	3.202	1.7	20.5
5 31	15 25.20	−22 9.3	2.199	3.187	4.9	20.7
6 10	15 18.44	−21 13.2	2.232	3.172	8.3	20.9
6 20	15 13.34	−20 21.4	2.290	3.157	11.3	21.1

505469 2013 TS_{111} 5 17.1 231°.74 1°.4/16.1 17

4 11	16 2.06	−18 43.3	2.107	2.938	12.9	22.3
4 21	15 57.14	−17 52.2	2.013	2.927	9.9	22.1
5 1	15 50.14	−16 52.8	1.942	2.915	6.3	21.8
5 11	15 41.70	−15 48.0	1.898	2.903	2.6	21.6
5 21	15 32.65	−14 41.7	1.883	2.890	2.5	21.6
5 31	15 23.95	−13 38.9	1.896	2.877	6.3	21.8
6 10	15 16.48	−12 44.3	1.936	2.863	10.1	22.0
6 20	15 10.87	−12 1.5	1.999	2.849	13.4	22.2

301000 2008 GG_{69} 5 17.1 139°.22 1°.3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 52.07	−13 16.0	4.476	5.302	6.7	21.2
4 21	15 48.55	−12 55.8	4.392	5.303	5.0	21.1
5 1	15 44.20	−12 34.9	4.335	5.305	3.2	20.9
5 11	15 39.31	−12 14.6	4.306	5.307	1.6	20.8
5 21	15 34.23	−11 56.0	4.307	5.308	1.8	20.8
5 31	15 29.31	−11 40.5	4.337	5.310	3.4	20.9
6 10	15 24.87	−11 29.2	4.395	5.311	5.2	21.1
6 20	15 21.21	−11 22.8	4.479	5.313	6.8	21.2

219717 2001 XH_{95} 5 17.1 157°.54 0°.7/16.7 17

4 11	16 4.32	−18 4.1	2.201	3.026	12.6	21.4
4 21	15 58.65	−17 54.0	2.122	3.033	9.6	21.2
5 1	15 50.99	−17 39.4	2.068	3.040	6.1	21.0
5 11	15 42.00	−17 21.6	2.041	3.045	2.4	20.7
5 21	15 32.51	−17 2.5	2.042	3.051	1.8	20.7
5 31	15 23.44	−16 44.6	2.071	3.055	5.6	21.0
6 10	15 15.63	−16 30.8	2.128	3.059	9.1	21.2
6 20	15 9.66	−16 23.3	2.209	3.063	12.1	21.4

229514 2005 WB_{148} 5 17.1 265°.24 0°.4/16.9 17

4 11	16 1.67	−20 27.4	1.809	2.647	14.4	20.5
4 21	15 57.24	−20 0.5	1.719	2.636	11.1	20.3
5 1	15 50.40	−19 24.8	1.652	2.625	7.1	20.0
5 11	15 41.86	−18 42.0	1.609	2.615	2.7	19.7
5 21	15 32.57	−17 55.4	1.594	2.604	2.0	19.6
5 31	15 23.65	−17 9.4	1.605	2.592	6.5	19.9
6 10	15 16.15	−16 28.9	1.642	2.581	10.8	20.1
6 20	15 10.80	−15 57.9	1.701	2.570	14.5	20.3

147930 2006 WD_{28} 5 17.1 233°.89 0°.8/16.6 18

4 11	15 59.82	−18 5.0	2.529	3.356	11.1	21.0
4 21	15 55.13	−17 46.1	2.435	3.347	8.5	20.8
5 1	15 48.72	−17 22.5	2.366	3.338	5.4	20.6
5 11	15 41.13	−16 55.9	2.324	3.329	2.1	20.4
5 21	15 33.05	−16 28.3	2.311	3.320	1.8	20.3
5 31	15 25.23	−16 2.3	2.327	3.310	5.1	20.6
6 10	15 18.39	−15 40.6	2.369	3.300	8.3	20.7
6 20	15 13.08	−15 25.5	2.436	3.289	11.2	20.9

33018 1997 HT_{5} 5 17.1 93°.54 5°.6/12.6 18 R

4 11	15 58.32	− 4 4.9	2.367	3.201	11.6	18.7
4 21	15 53.80	− 2 52.1	2.310	3.216	9.1	18.6
5 1	15 47.73	− 1 43.3	2.277	3.230	6.9	18.4
5 11	15 40.70	− 0 43.3	2.271	3.245	5.7	18.4
5 21	15 33.38	+ 0 4.1	2.292	3.259	6.3	18.5
5 31	15 26.48	+ 0 35.8	2.341	3.273	8.3	18.6
6 10	15 20.63	+ 0 50.7	2.413	3.287	10.6	18.8
6 20	15 16.27	+ 0 49.3	2.508	3.300	12.7	18.9

156314 2001 XT_{62} 5 17.1 132°.79 0°.7/16.7 17

4 11	16 3.62	−19 10.8	2.144	2.971	12.9	20.6
4 21	15 58.09	−18 46.0	2.073	2.984	9.8	20.4
5 1	15 50.60	−18 15.2	2.025	2.997	6.2	20.2
5 11	15 41.83	−17 40.2	2.004	3.009	2.4	20.0
5 21	15 32.65	−17 3.7	2.011	3.020	1.8	19.9
5 31	15 23.97	−16 29.0	2.047	3.031	5.6	20.2
6 10	15 16.60	−15 59.7	2.110	3.042	9.1	20.4
6 20	15 11.10	−15 38.3	2.196	3.052	12.2	20.7

460201 2014 QR_{145} 5 17.1 280°.31 2°.9/15.8 16

4 11	16 2.85	−15 29.3	1.359	2.217	17.2	21.8
4 21	15 58.78	−14 52.1	1.280	2.208	13.2	21.5
5 1	15 51.70	−14 8.8	1.221	2.199	8.5	21.2
5 11	15 42.44	−13 23.3	1.186	2.190	3.9	20.9
5 21	15 32.20	−12 40.7	1.175	2.180	4.1	20.9
5 31	15 22.44	−12 6.6	1.189	2.171	8.9	21.2
6 10	15 14.51	−11 45.8	1.225	2.162	13.8	21.4
6 20	15 9.28	−11 41.1	1.281	2.153	18.1	21.6

309766 2008 YR_{54} 5 17.1 157°.14 0°.6/17.4 16

4 11	16 7.26	−21 39.8	1.705	2.534	15.5	21.4
4 21	16 1.52	−21 37.9	1.629	2.541	12.0	21.2
5 1	15 53.12	−21 27.6	1.576	2.546	7.7	21.0
5 11	15 42.89	−21 9.3	1.547	2.551	3.1	20.7
5 21	15 31.95	−20 44.9	1.546	2.556	1.9	20.6
5 31	15 21.59	−20 17.9	1.571	2.560	6.5	20.9
6 10	15 12.92	−19 52.8	1.623	2.563	10.8	21.2
6 20	15 6.70	−19 33.6	1.696	2.565	14.5	21.4

94774 2001 XT_{108} 5 17.1 295°.41 2°.3/17.8 18

4 11	16 4.92	−23 2.5	1.358	2.204	17.9	18.6
4 21	16 0.93	−23 33.2	1.263	2.182	14.1	18.3
5 1	15 53.50	−23 56.2	1.188	2.160	9.5	18.0
5 11	15 43.31	−24 9.5	1.136	2.138	4.5	17.6
5 21	15 31.57	−24 12.2	1.108	2.117	2.9	17.5
5 31	15 19.99	−24 6.0	1.104	2.095	8.0	17.7
6 10	15 10.24	−23 55.7	1.123	2.074	13.4	17.9
6 20	15 3.55	−23 47.0	1.162	2.053	18.2	18.1

272165 2005 OA_{1} 5 17.1 280°.52 1°.6/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.51	−15 8.4	1.657	2.500	15.3	20.3
4 21	15 59.72	−15 12.7	1.565	2.485	11.8	20.1
5 1	15 52.20	−15 15.3	1.494	2.469	7.6	19.8
5 11	15 42.64	−15 17.8	1.448	2.453	3.2	19.5
5 21	15 32.07	−15 21.6	1.429	2.437	2.8	19.4
5 31	15 21.75	−15 29.0	1.436	2.421	7.4	19.6
6 10	15 12.92	−15 42.5	1.468	2.405	11.9	19.9
6 20	15 6.46	−16 3.7	1.521	2.389	15.9	20.1

134274 2006 BV_{159} 5 17.1 131°.46 1°.0/17.7 17

4 11	16 3.80	−23 54.7	2.210	3.027	12.9	21.5
4 21	15 58.26	−23 41.7	2.136	3.039	9.9	21.3
5 1	15 50.73	−23 19.9	2.085	3.052	6.5	21.1
5 11	15 41.90	−22 49.9	2.061	3.064	2.8	20.9
5 21	15 32.64	−22 13.8	2.065	3.075	1.6	20.8
5 31	15 23.87	−21 34.9	2.098	3.086	5.2	21.1
6 10	15 16.43	−20 57.3	2.158	3.096	8.6	21.3
6 20	15 10.87	−20 24.3	2.242	3.106	11.6	21.5

424820 2008 UX_{149} 5 17.1 38°.31 0°.4/16.9 17

4 11	16 1.97	−19 11.4	1.864	2.702	14.1	21.3
4 21	15 57.30	−19 4.0	1.786	2.702	10.8	21.1
5 1	15 50.34	−18 50.7	1.730	2.703	6.9	20.9
5 11	15 41.82	−18 32.9	1.699	2.704	2.6	20.6
5 21	15 32.66	−18 12.6	1.695	2.705	1.8	20.5
5 31	15 23.95	−17 52.9	1.718	2.706	6.1	20.8
6 10	15 16.64	−17 37.3	1.767	2.707	10.1	21.0
6 20	15 11.40	−17 28.4	1.839	2.708	13.6	21.3

310463 2000 RE_{40} 5 17.1 251°.15 5°.5/20.9 18

4 11	16 4.11	−38 13.3	2.693	3.448	12.4	20.9
4 21	15 58.76	−38 38.6	2.585	3.431	10.5	20.7
5 1	15 51.25	−38 50.1	2.499	3.414	8.3	20.5
5 11	15 42.19	−38 45.3	2.438	3.396	6.4	20.4
5 21	15 32.39	−38 23.3	2.404	3.378	5.5	20.3
5 31	15 22.84	−37 45.4	2.398	3.360	6.4	20.3
6 10	15 14.45	−36 55.4	2.418	3.341	8.5	20.4
6 20	15 7.92	−35 58.4	2.463	3.322	10.9	20.5

54030 2000 GF_{105} 5 17.1 38°.94 2°.6/16.1 18

4 11	16 3.35	−15 14.0	1.158	2.025	18.9	18.2
4 21	15 59.31	−14 53.5	1.100	2.033	14.4	18.0
5 1	15 52.02	−14 29.0	1.062	2.041	9.2	17.7
5 11	15 42.53	−14 4.1	1.045	2.050	4.0	17.4
5 21	15 32.24	−13 43.2	1.052	2.059	3.9	17.4
5 31	15 22.77	−13 30.6	1.082	2.069	9.0	17.8
6 10	15 15.48	−13 30.0	1.134	2.079	13.9	18.1
6 20	15 11.15	−13 42.8	1.205	2.089	18.2	18.3

106729 2000 WS_{182} 5 17.1 232°.55 7°.4/13.0 18

4 11	16 1.88	− 0 23.6	1.962	2.793	13.7	20.0
4 21	15 56.99	+ 0 27.2	1.887	2.787	11.2	19.8
5 1	15 50.04	+ 1 10.5	1.835	2.781	8.8	19.6
5 11	15 41.68	+ 1 40.8	1.808	2.775	7.4	19.5
5 21	15 32.76	+ 1 54.0	1.807	2.769	8.1	19.6
5 31	15 24.21	+ 1 47.5	1.831	2.762	10.2	19.7
6 10	15 16.90	+ 1 21.1	1.879	2.756	12.9	19.8
6 20	15 11.47	+ 0 36.6	1.948	2.749	15.5	20.0

191667 2004 QZ 5 17.1 242°.49 3°.4/19.3 18

4 11	16 4.02	−30 47.7	2.156	2.955	13.8	20.9
4 21	15 58.90	−30 46.6	2.056	2.942	11.1	20.7
5 1	15 51.42	−30 31.8	1.977	2.928	7.9	20.5
5 11	15 42.27	−30 2.1	1.923	2.914	4.8	20.3
5 21	15 32.37	−29 18.1	1.897	2.899	3.5	20.1
5 31	15 22.79	−28 23.0	1.899	2.884	5.9	20.3
6 10	15 14.57	−27 22.1	1.927	2.868	9.3	20.4
6 20	15 8.43	−26 21.4	1.980	2.852	12.6	20.6

111831 2002 EB_{10} 5 17.1 211°.97 13°.8/26.0 18

4 11	16 18.05	−51 15.6	1.301	2.034	24.3	18.0
4 21	16 12.36	−51 46.8	1.219	2.029	21.8	17.8
5 1	16 1.30	−51 40.3	1.150	2.025	18.9	17.6
5 11	15 46.30	−50 44.1	1.098	2.019	16.1	17.4
5 21	15 29.86	−48 51.7	1.067	2.012	14.1	17.3
5 31	15 14.96	−46 7.5	1.057	2.005	14.1	17.2
6 10	15 3.91	−42 48.3	1.070	1.998	16.2	17.3
6 20	14 57.70	−39 16.5	1.104	1.989	19.4	17.5

200257 1999 VP_{226} 5 17.1 202°.38 5°.4/13.5 18

4 11	16 1.62	− 2 43.6	2.555	3.376	11.2	21.1
4 21	15 56.34	− 2 2.1	2.473	3.372	8.9	20.9
5 1	15 49.42	− 1 25.1	2.416	3.366	6.8	20.8
5 11	15 41.42	− 0 56.5	2.387	3.360	5.4	20.7
5 21	15 32.97	− 0 39.2	2.385	3.353	5.9	20.7
5 31	15 24.81	− 0 35.4	2.411	3.346	7.9	20.8
6 10	15 17.62	− 0 45.8	2.462	3.338	10.3	20.9
6 20	15 11.89	− 1 10.0	2.536	3.330	12.5	21.1

46967 1998 SR_{134} 5 17.1 160°.45 1°.8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.91	−16 18.7	2.140	2.969	12.8	19.7
4 21	15 58.35	−15 43.3	2.063	2.976	9.7	19.5
5 1	15 50.80	−15 3.3	2.011	2.983	6.2	19.3
5 11	15 41.95	−14 21.4	1.985	2.989	2.7	19.1
5 21	15 32.64	−13 40.7	1.988	2.994	2.7	19.1
5 31	15 23.79	−13 4.9	2.019	2.998	6.2	19.3
6 10	15 16.22	−12 37.1	2.077	3.002	9.6	19.5
6 20	15 10.50	−12 19.5	2.159	3.005	12.7	19.7

392136 2009 GJ_{6} 5 17.1 338°.24 0°.5/16.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.44	−19 20.7	1.901	2.744	13.6	20.8
4 21	15 54.65	−19 4.0	1.817	2.737	10.4	20.5
5 1	15 48.68	−18 40.7	1.755	2.730	6.7	20.3
5 11	15 41.20	−18 12.7	1.718	2.723	2.6	20.0
5 21	15 33.09	−17 42.5	1.708	2.717	1.9	20.0
5 31	15 25.35	−17 13.5	1.724	2.712	6.1	20.2
6 10	15 18.89	−16 49.6	1.766	2.707	10.0	20.4
6 20	15 14.37	−16 33.6	1.830	2.702	13.5	20.6

84101 2002 RQ_{9} 5 17.1 200°.60 1°.6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.98	−16 51.5	2.036	2.867	13.3	20.5
4 21	15 58.63	−16 20.6	1.949	2.864	10.1	20.3
5 1	15 51.12	−15 44.3	1.887	2.859	6.5	20.1
5 11	15 42.12	−15 5.1	1.850	2.854	2.7	19.8
5 21	15 32.52	−14 26.1	1.842	2.849	2.6	19.8
5 31	15 23.30	−13 51.1	1.862	2.843	6.4	20.0
6 10	15 15.38	−13 23.6	1.908	2.836	10.2	20.2
6 20	15 9.41	−13 6.3	1.978	2.828	13.5	20.4

2985 Shakespeare 5 17.1 288°.97 0°.6/17.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.40	−21 37.7	1.993	2.824	13.6	16.6
4 21	15 56.84	−21 35.7	1.907	2.819	10.4	16.4
5 1	15 50.06	−21 26.4	1.843	2.814	6.8	16.2
5 11	15 41.75	−21 10.5	1.806	2.810	2.8	15.9
5 21	15 32.77	−20 49.6	1.795	2.805	1.6	15.8
5 31	15 24.16	−20 26.6	1.812	2.801	5.7	16.1
6 10	15 16.85	−20 5.0	1.855	2.796	9.6	16.3
6 20	15 11.52	−19 48.2	1.920	2.792	13.0	16.5

462595 2009 HN_{8} 5 17.1 334°.49 4°.2/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.90	−11 57.5	1.164	2.039	18.2	20.4
4 21	15 56.21	−11 35.4	1.088	2.024	14.1	20.1
5 1	15 50.32	−11 12.8	1.031	2.011	9.4	19.8
5 11	15 42.01	−10 54.4	0.995	1.998	5.0	19.5
5 21	15 32.56	−10 44.7	0.982	1.986	5.3	19.5
5 31	15 23.52	−10 48.3	0.991	1.975	10.0	19.7
6 10	15 16.41	−11 7.8	1.022	1.966	15.1	20.0
6 20	15 12.20	−11 43.5	1.070	1.958	19.6	20.2

160954 2002 AF_{122} 5 17.1 133°.03 3°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.69	−28 23.8	1.636	2.453	16.6	19.9
4 21	16 2.09	−28 35.0	1.564	2.463	13.1	19.7
5 1	15 53.60	−28 32.2	1.512	2.471	9.1	19.5
5 11	15 43.13	−28 13.8	1.484	2.480	5.1	19.3
5 21	15 31.92	−27 40.8	1.482	2.487	3.6	19.2
5 31	15 21.38	−26 57.2	1.507	2.495	6.8	19.4
6 10	15 12.74	−26 9.3	1.557	2.502	10.8	19.6
6 20	15 6.76	−25 23.7	1.630	2.508	14.5	19.9

83757 2001 TX_{144} 5 17.1 348°.77 0°.4/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.96	−19 38.0	2.037	2.868	13.3	18.9
4 21	15 57.96	−19 58.8	1.954	2.866	10.2	18.7
5 1	15 50.76	−20 15.4	1.894	2.865	6.6	18.5
5 11	15 42.02	−20 27.8	1.860	2.865	2.6	18.2
5 21	15 32.61	−20 36.5	1.854	2.864	1.6	18.1
5 31	15 23.53	−20 43.0	1.875	2.863	5.6	18.4
6 10	15 15.74	−20 49.5	1.923	2.863	9.4	18.6
6 20	15 9.91	−20 58.3	1.994	2.862	12.7	18.8

176595 2002 CC_{238} 5 17.1 72°.92 6°.6/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.64	− 1 30.5	2.278	3.111	12.0	20.2
4 21	15 53.41	− 0 16.6	2.219	3.122	9.7	20.0
5 1	15 47.56	+ 0 51.5	2.186	3.132	7.6	19.9
5 11	15 40.69	+ 1 48.6	2.178	3.142	6.6	19.9
5 21	15 33.51	+ 2 30.7	2.196	3.152	7.2	19.9
5 31	15 26.73	+ 2 55.0	2.241	3.162	9.1	20.1
6 10	15 21.01	+ 3 0.7	2.309	3.173	11.3	20.2
6 20	15 16.80	+ 2 48.7	2.398	3.183	13.4	20.4

519113 2010 MO_{22} 5 17.1 329°.36 4°.0/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.14	−29 56.0	2.128	2.934	13.7	20.6
4 21	15 57.52	−30 30.7	2.039	2.928	11.0	20.4
5 1	15 50.58	−30 54.7	1.972	2.923	8.0	20.2
5 11	15 41.99	−31 6.2	1.929	2.917	5.1	20.0
5 21	15 32.63	−31 4.4	1.914	2.912	4.0	19.9
5 31	15 23.58	−30 50.9	1.925	2.907	6.1	20.0
6 10	15 15.84	−30 29.3	1.962	2.903	9.2	20.2
6 20	15 10.14	−30 4.2	2.023	2.898	12.2	20.4

489700 2007 VK_{125} 5 17.1 245°.82 5°.4/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.42	− 3 55.5	1.173	2.012	20.6	20.7
4 21	16 11.35	− 4 49.3	1.096	2.008	16.4	20.4
5 1	16 0.22	− 6 1.2	1.038	2.004	11.4	20.1
5 11	15 45.93	− 7 32.8	1.004	2.001	6.6	19.8
5 21	15 30.07	− 9 22.1	0.995	1.997	6.1	19.8
5 31	15 14.69	−11 23.8	1.013	1.992	10.7	20.0
6 10	15 1.72	−13 31.8	1.056	1.988	16.0	20.3
6 20	14 52.39	−15 40.9	1.119	1.984	20.7	20.6

97422 2000 AO_{185} 5 17.1 194°.67 4°.1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.81	− 7 34.5	2.381	3.210	11.7	20.0
4 21	15 56.61	− 7 0.4	2.299	3.208	9.1	19.8
5 1	15 49.67	− 6 28.2	2.242	3.205	6.3	19.7
5 11	15 41.55	− 6 1.2	2.213	3.202	4.3	19.5
5 21	15 32.96	− 5 42.2	2.211	3.199	4.8	19.6
5 31	15 24.69	− 5 33.7	2.237	3.194	7.2	19.7
6 10	15 17.48	− 5 37.1	2.289	3.190	10.0	19.9
6 20	15 11.84	− 5 52.5	2.365	3.185	12.6	20.0

434155 2002 SN_{7} 5 17.1 239°.06 2°.1/15.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.62	−14 19.9	2.500	3.329	11.2	22.1
4 21	15 55.78	−13 46.5	2.402	3.315	8.5	21.9
5 1	15 49.19	−13 9.9	2.329	3.300	5.5	21.7
5 11	15 41.39	−12 32.6	2.283	3.284	2.7	21.5
5 21	15 33.05	−11 57.4	2.266	3.268	2.9	21.4
5 31	15 24.95	−11 27.3	2.277	3.252	5.9	21.6
6 10	15 17.81	−11 4.9	2.316	3.235	9.0	21.8
6 20	15 12.19	−10 52.1	2.378	3.217	11.9	21.9

61485 2000 QH_{42} 5 17.1 217°.58 0°.8/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.78	−18 48.0	2.126	2.955	12.9	20.1
4 21	15 57.71	−18 25.8	2.035	2.948	9.8	19.9
5 1	15 50.55	−17 57.6	1.969	2.941	6.3	19.7
5 11	15 41.94	−17 24.9	1.928	2.933	2.4	19.4
5 21	15 32.71	−16 50.3	1.916	2.925	1.9	19.4
5 31	15 23.81	−16 17.2	1.932	2.916	5.9	19.6
6 10	15 16.15	−15 49.1	1.974	2.907	9.6	19.8
6 20	15 10.34	−15 29.0	2.040	2.897	12.9	20.0

311411 2005 UE_{55} 5 17.1 243°.52 0°.2/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.03	−22 15.6	2.541	3.363	11.3	20.7
4 21	15 54.56	−21 48.3	2.447	3.355	8.6	20.5
5 1	15 48.39	−21 13.3	2.378	3.347	5.6	20.3
5 11	15 41.07	−20 31.8	2.335	3.339	2.2	20.0
5 21	15 33.28	−19 46.3	2.321	3.331	1.3	19.9
5 31	15 25.79	−18 59.9	2.335	3.322	4.8	20.2
6 10	15 19.30	−18 16.2	2.377	3.314	8.0	20.3
6 20	15 14.34	−17 38.4	2.444	3.305	10.9	20.5

282855 2007 BP_{21} 5 17.1 25°.04 3°.2/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.08	−27 0.7	1.378	2.220	17.9	20.2
4 21	15 58.24	−27 15.8	1.313	2.226	14.1	19.9
5 1	15 51.34	−27 16.8	1.267	2.234	9.6	19.7
5 11	15 42.33	−27 2.4	1.243	2.242	5.2	19.5
5 21	15 32.51	−26 34.1	1.243	2.250	3.5	19.4
5 31	15 23.40	−25 56.2	1.268	2.260	7.2	19.6
6 10	15 16.29	−25 15.3	1.317	2.270	11.6	19.9
6 20	15 11.97	−24 37.7	1.386	2.280	15.6	20.2

391268 2006 SH_{60} 5 17.1 109°.10 5°.4/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.66	−37 42.4	2.836	3.582	12.1	21.5
4 21	16 1.89	−38 32.1	2.765	3.604	10.0	21.3
5 1	15 53.07	−39 9.0	2.716	3.626	7.9	21.2
5 11	15 42.88	−39 30.5	2.694	3.647	6.1	21.1
5 21	15 32.16	−39 35.4	2.699	3.667	5.4	21.1
5 31	15 21.85	−39 25.0	2.733	3.688	6.2	21.2
6 10	15 12.81	−39 2.6	2.794	3.707	7.9	21.3
6 20	15 5.65	−38 32.6	2.880	3.726	9.9	21.5

453230 2008 KJ_{13} 5 17.1 43°.54 0°.1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.68	−19 48.0	3.858	4.675	7.8	20.6
4 21	15 50.69	−19 50.1	3.778	4.684	5.9	20.5
5 1	15 45.66	−19 49.2	3.724	4.693	3.8	20.4
5 11	15 39.97	−19 45.9	3.698	4.702	1.5	20.2
5 21	15 34.03	−19 41.1	3.702	4.712	0.9	20.2
5 31	15 28.28	−19 35.8	3.735	4.721	3.2	20.4
6 10	15 23.16	−19 31.5	3.797	4.731	5.4	20.5
6 20	15 18.98	−19 29.2	3.884	4.740	7.3	20.7

232555 2003 SA_{236} 5 17.1 215°.92 1°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.98	−23 37.4	2.171	2.991	13.0	21.0
4 21	15 57.92	−23 38.8	2.082	2.986	10.1	20.8
5 1	15 50.71	−23 32.1	2.015	2.982	6.7	20.6
5 11	15 42.03	−23 17.5	1.974	2.976	3.0	20.4
5 21	15 32.70	−22 55.9	1.962	2.971	1.8	20.2
5 31	15 23.70	−22 30.2	1.977	2.965	5.4	20.5
6 10	15 15.96	−22 3.9	2.019	2.959	9.0	20.7
6 20	15 10.11	−21 40.7	2.085	2.953	12.2	20.9

216880 2008 FF_{118} 5 17.1 221.°63 3.°4/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.15	− 9 34.8	2.710	3.543	10.3	21.3
4 21	15 53.70	− 8 50.8	2.624	3.536	8.0	21.1
5 1	15 47.76	− 8 6.8	2.563	3.529	5.5	20.9
5 11	15 40.83	− 7 25.7	2.529	3.522	3.6	20.8
5 21	15 33.50	− 6 50.6	2.524	3.515	4.0	20.8
5 31	15 26.43	− 6 24.0	2.547	3.507	6.3	20.9
6 10	15 20.23	− 6 8.0	2.597	3.499	8.9	21.1
6 20	15 15.36	− 6 3.3	2.670	3.491	11.3	21.2

75413 1999 XW_{110} 5 17.1 95.°78 1.°3/17.8 18

4 11	16 5.77	−24 35.7	1.652	2.481	16.0	19.3
4 21	16 0.33	−24 19.2	1.589	2.499	12.3	19.1
5 1	15 52.30	−23 50.6	1.548	2.516	8.1	18.9
5 11	15 42.61	−23 11.2	1.531	2.533	3.5	18.7
5 21	15 32.42	−22 23.8	1.540	2.550	2.0	18.6
5 31	15 22.97	−21 33.3	1.577	2.567	6.3	18.9
6 10	15 15.33	−20 45.6	1.639	2.583	10.4	19.2
6 20	15 10.11	−20 5.4	1.724	2.598	14.0	19.5

494325 2016 TU_9 5 17.1 239.°24 2.°0/15.2 16

4 11	15 59.79	−16 35.8	2.806	3.630	10.2	22.0
4 21	15 54.93	−15 25.9	2.704	3.615	7.8	21.8
5 1	15 48.55	−14 9.7	2.629	3.600	5.0	21.6
5 11	15 41.15	−12 50.2	2.582	3.584	2.4	21.4
5 21	15 33.33	−11 31.3	2.566	3.568	2.7	21.4
5 31	15 25.76	−10 17.3	2.580	3.551	5.5	21.6
6 10	15 19.08	− 9 12.0	2.623	3.534	8.4	21.7
6 20	15 13.76	− 8 18.1	2.690	3.516	11.0	21.9

117864 2069 $P–L$ 5 17.1 178.°77 0.°3/17.3 18

4 11	16 2.83	−21 48.3	2.318	3.138	12.3	20.9
4 21	15 57.55	−21 29.9	2.232	3.139	9.4	20.8
5 1	15 50.35	−21 4.0	2.171	3.140	6.1	20.5
5 11	15 41.87	−20 31.7	2.137	3.141	2.4	20.3
5 21	15 32.88	−19 55.1	2.131	3.141	1.4	20.2
5 31	15 24.28	−19 17.5	2.154	3.140	5.1	20.5
6 10	15 16.86	−18 42.4	2.204	3.139	8.6	20.7
6 20	15 11.19	−18 13.1	2.278	3.138	11.6	20.9

479921 2014 HQ_{96} 5 17.1 118.°50 1.°1/16.4 17

4 11	16 0.64	−16 0.6	2.462	3.291	11.3	21.2
4 21	15 55.72	−15 54.6	2.385	3.298	8.6	21.1
5 1	15 49.11	−15 46.1	2.331	3.303	5.5	20.9
5 11	15 41.38	−15 36.6	2.305	3.309	2.2	20.7
5 21	15 33.22	−15 27.5	2.307	3.315	2.0	20.7
5 31	15 25.40	−15 21.0	2.338	3.321	5.2	20.9
6 10	15 18.62	−15 18.9	2.396	3.326	8.3	21.1
6 20	15 13.40	−15 22.5	2.478	3.331	11.0	21.3

432771 2011 FA_{26} 5 17.1 18.°89 4.°4/18.2 17

4 11	16 11.54	−26 26.1	1.781	2.590	15.8	20.6
4 21	16 5.24	−27 51.4	1.698	2.591	12.6	20.4
5 1	15 55.88	−29 10.5	1.637	2.592	9.0	20.1
5 11	15 44.21	−30 18.6	1.602	2.592	5.6	19.9
5 21	15 31.36	−31 11.8	1.595	2.593	4.6	19.9
5 31	15 18.78	−31 48.9	1.615	2.594	7.4	20.0
6 10	15 7.88	−32 12.4	1.661	2.595	11.0	20.3
6 20	14 59.65	−32 26.9	1.730	2.596	14.4	20.5

497530 2006 BM_{212} 5 17.1 110.°57 6.°7/13.1 17

4 11	16 0.53	− 3 29.3	1.891	2.732	13.8	21.5
4 21	15 55.99	− 2 26.2	1.826	2.736	11.0	21.3
5 1	15 49.42	− 1 28.3	1.784	2.739	8.3	21.1
5 11	15 41.52	− 0 41.1	1.767	2.743	6.8	21.0
5 21	15 33.15	− 0 9.2	1.775	2.746	7.4	21.1
5 31	15 25.23	+ 0 4.0	1.809	2.750	9.8	21.2
6 10	15 18.62	− 0 2.2	1.867	2.753	12.6	21.4
6 20	15 13.87	− 0 26.7	1.945	2.756	15.2	21.6

342433 2008 UU_{92} 5 17.1 258.°51 2.°4/15.9 17

4 11	16 2.98	−13 18.0	1.999	2.836	13.3	20.7
4 21	15 58.04	−13 7.3	1.907	2.824	10.2	20.5
5 1	15 50.89	−12 55.5	1.839	2.811	6.7	20.3
5 11	15 42.17	−12 44.8	1.796	2.798	3.2	20.0
5 21	15 32.71	−12 37.3	1.781	2.785	3.2	20.0
5 31	15 23.52	−12 35.5	1.793	2.772	6.8	20.2
6 10	15 15.55	−12 41.6	1.831	2.759	10.5	20.4
6 20	15 9.51	−12 56.7	1.892	2.745	13.9	20.6

215075 2009 EY_{20} 5 17.1 349.°88 1.°7/17.8 17

4 11	15 57.28	−22 58.4	1.061	1.934	19.8	19.9
4 21	15 55.41	−23 9.8	0.991	1.925	15.4	19.5
5 1	15 50.03	−23 8.8	0.938	1.917	10.2	19.2
5 11	15 42.02	−22 55.4	0.906	1.910	4.5	18.9
5 21	15 32.79	−22 31.4	0.895	1.905	2.7	18.7
5 31	15 24.15	−22 1.9	0.906	1.902	8.3	19.1
6 10	15 17.72	−21 33.7	0.938	1.900	13.9	19.3
6 20	15 14.51	−21 12.9	0.987	1.900	18.8	19.6

289829 2005 LC_9 5 17.1 264.°31 2.°4/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.87	−15 16.1	1.691	2.536	14.9	21.1
4 21	15 58.35	−14 45.6	1.601	2.523	11.5	20.8
5 1	15 51.28	−14 10.4	1.534	2.509	7.4	20.6
5 11	15 42.36	−13 33.4	1.491	2.494	3.4	20.3
5 21	15 32.59	−12 58.4	1.475	2.480	3.5	20.3
5 31	15 23.14	−12 29.8	1.485	2.466	7.7	20.5
6 10	15 15.14	−12 11.4	1.519	2.451	12.0	20.7
6 20	15 9.40	−12 5.8	1.575	2.436	15.8	20.9

181288 2006 OW_{14} 5 17.1 263.°61 5.°1/19.4 17

4 11	16 7.52	−32 3.7	1.812	2.612	15.9	21.2
4 21	16 2.37	−32 32.3	1.706	2.590	13.1	21.0
5 1	15 54.17	−32 46.7	1.620	2.567	9.7	20.7
5 11	15 43.60	−32 43.4	1.558	2.543	6.5	20.5
5 21	15 31.76	−32 20.6	1.522	2.519	5.2	20.3
5 31	15 20.09	−31 40.1	1.513	2.494	7.5	20.4
6 10	15 10.02	−30 47.6	1.528	2.468	11.3	20.6
6 20	15 2.59	−29 50.6	1.566	2.442	15.1	20.8

386095 2007 PJ_{33} 5 17.1 288.°14 2.°6/18.5 16

4 11	16 2.10	−26 48.0	1.914	2.735	14.4	21.3
4 21	15 57.75	−26 54.7	1.816	2.718	11.4	21.1
5 1	15 50.90	−26 50.2	1.739	2.702	7.9	20.8
5 11	15 42.23	−26 33.7	1.687	2.685	4.2	20.6
5 21	15 32.68	−26 5.8	1.661	2.668	2.8	20.4
5 31	15 23.40	−25 29.4	1.663	2.652	6.1	20.6
6 10	15 15.49	−24 49.3	1.690	2.635	10.1	20.8
6 20	15 9.77	−24 10.8	1.739	2.619	13.7	21.0

433860 2015 BP_{291} 5 17.1 195.°95 3.°9/14.9 17

4 11	16 2.35	−10 23.8	1.999	2.837	13.2	21.5
4 21	15 57.39	− 9 43.6	1.920	2.836	10.2	21.3
5 1	15 50.35	− 9 3.1	1.864	2.834	6.9	21.1
5 11	15 41.92	− 8 26.2	1.835	2.831	4.2	21.0
5 21	15 32.93	− 7 56.3	1.833	2.829	4.6	21.0
5 31	15 24.33	− 7 37.0	1.859	2.825	7.6	21.1
6 10	15 16.99	− 7 30.3	1.909	2.822	11.0	21.3
6 20	15 11.52	− 7 37.1	1.982	2.818	14.0	21.5

263174 2007 XA 5 17.1 220.°58 2.°6/15.8 17

4 11	16 5.39	−13 51.8	1.883	2.718	14.1	21.0
4 21	15 59.97	−13 25.9	1.794	2.710	10.8	20.8
5 1	15 52.17	−12 57.1	1.728	2.700	7.0	20.6
5 11	15 42.68	−12 28.3	1.688	2.690	3.4	20.3
5 21	15 32.43	−12 2.6	1.675	2.679	3.5	20.3
5 31	15 22.51	−11 43.4	1.690	2.667	7.3	20.5
6 10	15 13.96	−11 33.8	1.730	2.655	11.2	20.7
6 20	15 7.52	−11 35.5	1.793	2.642	14.8	20.9

491558 2012 QF 5 17.1 206.°05 2.°7/18.9 17

4 11	16 2.01	−29 11.2	2.358	3.160	12.6	21.5
4 21	15 57.09	−29 8.5	2.267	3.157	10.0	21.3
5 1	15 50.15	−28 54.2	2.200	3.155	7.0	21.1
5 11	15 41.84	−28 28.0	2.158	3.151	4.0	20.9
5 21	15 32.97	−27 51.0	2.144	3.148	2.8	20.8
5 31	15 24.48	−27 6.0	2.158	3.144	5.2	21.0
6 10	15 17.19	−26 17.5	2.199	3.141	8.3	21.2
6 20	15 11.72	−25 29.9	2.265	3.136	11.3	21.4

385480 2003 WE_{16} 5 17.1 181.°64 0.°2/16.9 18

4 11	16 1.82	−20 8.8	2.557	3.377	11.3	22.3
4 21	15 56.61	−19 48.3	2.470	3.378	8.6	22.1
5 1	15 49.69	−19 21.9	2.408	3.378	5.5	21.9
5 11	15 41.63	−18 50.9	2.373	3.378	2.1	21.7
5 21	15 33.12	−18 17.4	2.368	3.377	1.4	21.6
5 31	15 24.95	−17 44.1	2.391	3.376	4.9	21.8
6 10	15 17.82	−17 14.2	2.442	3.374	8.0	22.0
6 20	15 12.25	−16 50.0	2.518	3.372	10.8	22.2

370200 2002 DB_6 5 17.1 153.°17 5.°1/13.7 17

4 11	16 1.65	− 6 56.7	2.151	2.986	12.6	21.1
4 21	15 56.59	− 5 55.2	2.082	2.993	9.8	20.9
5 1	15 49.70	− 4 55.6	2.038	2.999	7.0	20.7
5 11	15 41.62	− 4 2.4	2.020	3.005	5.2	20.6
5 21	15 33.14	− 3 20.0	2.030	3.011	5.8	20.7
5 31	15 25.09	− 2 51.6	2.067	3.016	8.2	20.8
6 10	15 18.23	− 2 39.1	2.129	3.020	11.0	21.0
6 20	15 13.08	− 2 42.3	2.212	3.024	13.6	21.2

129663 1998 QS_{57} 5 17.1 227.°77 1.°0/17.7 17

4 11	16 2.39	−23 24.8	2.250	3.069	12.6	20.8
4 21	15 57.43	−23 18.9	2.156	3.061	9.8	20.6
5 1	15 50.41	−23 4.8	2.086	3.053	6.4	20.4
5 11	15 41.96	−22 42.9	2.042	3.045	2.8	20.2
5 21	15 32.89	−22 14.7	2.027	3.036	1.6	20.1
5 31	15 24.13	−21 43.0	2.039	3.027	5.2	20.3
6 10	15 16.55	−21 11.5	2.079	3.018	8.8	20.5
6 20	15 10.78	−20 43.7	2.142	3.009	12.0	20.7

441914 2010 FL_{101} 5 17.1 52°.67 5°.4/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.51	− 4 37.8	1.851	2.688	14.2	20.1
4 21	15 58.30	− 4 26.1	1.786	2.696	11.1	19.9
5 1	15 50.92	− 4 21.1	1.743	2.704	8.0	19.7
5 11	15 42.13	− 4 26.1	1.725	2.712	5.6	19.6
5 21	15 32.82	− 4 43.3	1.734	2.720	5.9	19.6
5 31	15 24.01	− 5 13.9	1.769	2.729	8.5	19.8
6 10	15 16.59	− 5 57.3	1.829	2.738	11.6	20.0
6 20	15 11.16	− 6 52.2	1.911	2.746	14.5	20.2

501865 2014 WT_{279} 5 17.1 193°.53 2°.3/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.89	−14 51.2	1.977	2.810	13.6	22.4
4 21	15 59.39	−14 21.8	1.893	2.808	10.4	22.2
5 1	15 51.69	−13 48.9	1.833	2.806	6.7	22.0
5 11	15 42.45	−13 15.1	1.800	2.802	3.1	21.7
5 21	15 32.60	−12 43.4	1.794	2.799	3.2	21.7
5 31	15 23.15	−12 17.6	1.816	2.794	6.8	21.9
6 10	15 15.04	−12 0.6	1.864	2.789	10.6	22.1
6 20	15 8.92	−11 54.3	1.935	2.783	13.9	22.4

293693 2007 PW_{37} 5 17.1 322°.96 5°.5/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.89	−12 8.4	1.122	2.001	18.5	20.1
4 21	15 55.59	−11 7.6	1.044	1.982	14.4	19.8
5 1	15 50.03	−10 1.4	0.985	1.965	9.8	19.5
5 11	15 42.02	− 8 56.9	0.948	1.948	5.9	19.2
5 21	15 32.82	− 8 2.2	0.932	1.932	6.8	19.2
5 31	15 24.03	− 7 25.3	0.939	1.917	11.4	19.4
6 10	15 17.17	− 7 11.5	0.965	1.903	16.5	19.6
6 20	15 13.25	− 7 22.0	1.008	1.890	21.1	19.8

48491 1992 HG_{5} 5 17.1 356°.87 7°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.51	−35 3.6	1.801	2.594	16.3	17.7
4 21	16 0.87	−36 29.7	1.720	2.591	13.6	17.5
5 1	15 53.20	−37 42.8	1.659	2.589	10.8	17.3
5 11	15 43.23	−38 37.5	1.622	2.587	8.3	17.2
5 21	15 32.08	−39 10.0	1.610	2.586	7.5	17.1
5 31	15 21.22	−39 20.0	1.622	2.586	8.8	17.2
6 10	15 12.06	−39 11.4	1.659	2.586	11.5	17.4
6 20	15 5.60	−38 50.6	1.717	2.588	14.3	17.5

248377 2005 RV_{26} 5 17.1 265°.40 5°.9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.89	−36 42.0	2.395	3.163	13.4	20.5
4 21	15 59.65	−37 29.4	2.299	3.155	11.2	20.3
5 1	15 52.04	−38 3.8	2.225	3.146	8.9	20.1
5 11	15 42.68	−38 22.1	2.176	3.137	6.8	20.0
5 21	15 32.47	−38 22.4	2.153	3.128	5.9	19.9
5 31	15 22.51	−38 5.7	2.156	3.119	7.0	20.0
6 10	15 13.83	−37 35.5	2.186	3.110	9.2	20.1
6 20	15 7.22	−36 57.0	2.240	3.101	11.7	20.2

417768 2007 DF_{101} 5 17.1 95°.86 3°.8/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.91	−29 39.2	1.815	2.623	15.6	21.9
4 21	16 1.26	−30 0.5	1.748	2.639	12.4	21.8
5 1	15 52.99	−30 8.4	1.702	2.655	8.8	21.6
5 11	15 42.98	−30 1.1	1.680	2.671	5.3	21.4
5 21	15 32.36	−29 39.3	1.685	2.687	3.9	21.3
5 31	15 22.39	−29 6.0	1.717	2.702	6.4	21.5
6 10	15 14.17	−28 26.8	1.775	2.717	9.9	21.8
6 20	15 8.37	−27 47.2	1.855	2.731	13.1	22.0

29403 1996 TO_{13} 5 17.1 232°.04 2°.6/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.15	−14 4.7	2.346	3.182	11.6	20.0
4 21	15 54.72	−13 12.9	2.259	3.175	8.8	19.8
5 1	15 48.56	−12 17.4	2.197	3.169	5.8	19.6
5 11	15 41.23	−11 21.5	2.162	3.162	3.0	19.4
5 21	15 33.43	−10 28.9	2.155	3.155	3.4	19.4
5 31	15 25.95	− 9 43.4	2.176	3.148	6.3	19.6
6 10	15 19.50	− 9 8.1	2.224	3.140	9.5	19.7
6 20	15 14.63	− 8 45.0	2.295	3.133	12.3	19.9

204816 Andreacamilleri 5 17.2 159°.04 1°.3/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.17	−17 56.9	2.338	3.167	11.9	21.6
4 21	15 56.21	−17 16.2	2.259	3.172	9.0	21.4
5 1	15 49.47	−16 30.0	2.204	3.176	5.7	21.2
5 11	15 41.57	−15 40.6	2.176	3.181	2.3	21.0
5 21	15 33.27	−14 51.2	2.178	3.185	2.2	21.0
5 31	15 25.36	−14 5.6	2.207	3.188	5.6	21.2
6 10	15 18.59	−13 27.0	2.264	3.191	8.8	21.4
6 20	15 13.46	−12 58.0	2.345	3.194	11.7	21.6

305405 2008 CC_{86} 5 17.2 185°.85 1°.9/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.89	−26 19.5	2.651	3.455	11.3	21.8
4 21	15 56.76	−26 27.8	2.561	3.455	8.9	21.6
5 1	15 49.86	−26 28.0	2.495	3.454	6.0	21.5
5 11	15 41.75	−26 19.8	2.456	3.454	3.2	21.3
5 21	15 33.13	−26 4.0	2.446	3.452	2.1	21.2
5 31	15 24.81	−25 42.3	2.465	3.451	4.6	21.3
6 10	15 17.53	−25 17.8	2.511	3.449	7.5	21.5
6 20	15 11.84	−24 53.7	2.582	3.447	10.2	21.7

400537 2008 UP_{117} 5 17.2 293°.70 2°.9/18.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.50	−26 17.5	1.281	2.127	18.7	21.8
4 21	16 0.08	−26 24.5	1.188	2.105	14.9	21.5
5 1	15 53.11	−26 16.4	1.114	2.083	10.3	21.2
5 11	15 43.33	−25 51.3	1.061	2.062	5.2	20.8
5 21	15 32.04	−25 9.8	1.031	2.040	3.3	20.6
5 31	15 21.01	−24 16.3	1.026	2.018	8.2	20.9
6 10	15 11.99	−23 19.2	1.042	1.997	13.7	21.1
6 20	15 6.16	−22 27.0	1.078	1.976	18.8	21.3

499326 2009 WJ_{153} 5 17.2 160°.00 2°.1/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.98	−27 33.7	2.499	3.297	12.1	23.5
4 21	15 59.11	−27 28.8	2.415	3.305	9.5	23.3
5 1	15 51.33	−27 13.7	2.356	3.312	6.5	23.2
5 11	15 42.30	−26 48.3	2.323	3.319	3.4	23.0
5 21	15 32.81	−26 13.9	2.319	3.325	2.3	22.9
5 31	15 23.74	−25 33.4	2.344	3.330	4.8	23.1
6 10	15 15.89	−24 50.5	2.397	3.335	7.9	23.3
6 20	15 9.80	−24 9.4	2.475	3.338	10.7	23.5

63531 2001 PW_{20} 5 17.2 213°.55 1°.0/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.03	−17 27.6	2.317	3.146	11.9	19.7
4 21	15 56.24	−17 12.5	2.230	3.143	9.1	19.5
5 1	15 49.58	−16 53.2	2.167	3.139	5.8	19.3
5 11	15 41.65	−16 31.3	2.131	3.135	2.3	19.1
5 21	15 33.20	−16 8.9	2.123	3.131	1.9	19.0
5 31	15 25.07	−15 48.5	2.143	3.127	5.4	19.3
6 10	15 18.02	−15 33.0	2.190	3.122	8.8	19.5
6 20	15 12.64	−15 24.3	2.261	3.117	11.8	19.7

178067 2006 SU_{71} 5 17.2 94°.80 4°.1/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.95	− 9 30.4	2.327	3.165	11.6	20.5
4 21	15 54.41	− 8 26.5	2.264	3.178	8.9	20.4
5 1	15 48.25	− 7 22.7	2.226	3.192	6.2	20.2
5 11	15 41.08	− 6 23.4	2.214	3.205	4.2	20.1
5 21	15 33.60	− 5 32.4	2.231	3.219	4.8	20.2
5 31	15 26.56	− 4 53.2	2.276	3.232	7.1	20.4
6 10	15 20.59	− 4 27.7	2.346	3.245	9.8	20.5
6 20	15 16.15	− 4 16.5	2.438	3.258	12.2	20.7

7548 Engström 5 17.2 324°.72 0°.2/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.80	−20 55.8	1.963	2.800	13.5	17.9
4 21	15 55.00	−20 46.4	1.871	2.788	10.4	17.6
5 1	15 49.03	−20 29.7	1.802	2.775	6.7	17.4
5 11	15 41.51	−20 6.8	1.759	2.763	2.7	17.1
5 21	15 33.30	−19 39.8	1.742	2.752	1.6	17.0
5 31	15 25.38	−19 11.8	1.751	2.741	5.8	17.3
6 10	15 18.71	−18 46.7	1.787	2.730	9.8	17.5
6 20	15 13.96	−18 27.7	1.845	2.720	13.2	17.7

497947 2006 WV_{149} 5 17.2 172°.48 1°.6/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.75	−25 30.2	1.960	2.778	14.2	22.5
4 21	15 59.44	−25 16.8	1.878	2.781	11.1	22.3
5 1	15 51.79	−24 52.0	1.818	2.783	7.4	22.1
5 11	15 42.54	−24 16.3	1.784	2.785	3.4	21.8
5 21	15 32.69	−23 31.7	1.777	2.786	2.0	21.7
5 31	15 23.32	−22 42.2	1.798	2.787	5.7	22.0
6 10	15 15.42	−21 53.0	1.845	2.787	9.6	22.2
6 20	15 9.66	−21 8.9	1.916	2.787	13.0	22.4

475706 2006 VB_{137} 5 17.2 355°.71 1°.5/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.16	−13 34.9	2.166	2.997	12.6	21.5
4 21	15 58.73	−13 56.3	2.083	2.996	9.7	21.3
5 1	15 51.25	−14 18.3	2.024	2.996	6.2	21.1
5 11	15 42.34	−14 41.7	1.992	2.995	2.7	20.9
5 21	15 32.81	−15 6.8	1.988	2.995	2.3	20.8
5 31	15 23.59	−15 34.4	2.012	2.995	5.8	21.1
6 10	15 15.56	−16 5.4	2.064	2.995	9.3	21.3
6 20	15 9.34	−16 40.4	2.139	2.995	12.4	21.5

232899 2004 XG_{49} 5 17.2 168°.83 1°.1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.49	−17 2.3	2.648	3.469	10.9	21.6
4 21	15 57.02	−16 38.8	2.565	3.474	8.3	21.4
5 1	15 49.93	−16 11.3	2.508	3.479	5.2	21.2
5 11	15 41.76	−15 41.8	2.478	3.482	2.1	21.0
5 21	15 33.20	−15 12.2	2.478	3.486	1.9	21.0
5 31	15 24.98	−14 45.1	2.508	3.488	5.0	21.2
6 10	15 17.77	−14 23.1	2.565	3.490	8.0	21.4
6 20	15 12.06	−14 8.1	2.647	3.491	10.7	21.6

212867 2007 VL_{127} 5 17.2 132°.35 3°.8/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.77	−27 40.5	1.549	2.372	17.2	20.7
4 21	16 2.50	−28 11.4	1.474	2.376	13.6	20.5
5 1	15 54.14	−28 29.7	1.420	2.380	9.5	20.3
5 11	15 43.57	−28 33.1	1.389	2.384	5.4	20.0
5 21	15 32.07	−28 21.2	1.383	2.388	3.9	20.0
5 31	15 21.15	−27 56.7	1.404	2.391	7.2	20.2
6 10	15 12.17	−27 25.5	1.449	2.395	11.4	20.4
6 20	15 6.01	−26 53.9	1.515	2.398	15.2	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
376300 2011 FX_{140}			5 17.2 294.°16		0.°8/16.8 17	
	h m	° ′			°	m
4 11	16 3.72	−17 13.8	1.763	2.603	14.7	20.8
4 21	15 58.89	−17 17.9	1.682	2.600	11.2	20.6
5 1	15 51.58	−17 18.3	1.623	2.597	7.2	20.4
5 11	15 42.53	−17 16.2	1.590	2.595	2.8	20.1
5 21	15 32.72	−17 13.1	1.583	2.592	2.1	20.0
5 31	15 23.31	−17 11.3	1.603	2.590	6.5	20.3
6 10	15 15.36	−17 13.7	1.648	2.587	10.7	20.5
6 20	15 9.63	−17 22.3	1.715	2.585	14.4	20.7
479900 2014 HQ_{36}			5 17.2 274.°70		3.°7/14.3 16	
4 11	15 57.85	−10 2.8	2.443	3.281	11.2	21.8
4 21	15 53.74	− 9 11.6	2.352	3.266	8.6	21.6
5 1	15 47.96	− 8 19.3	2.285	3.252	5.9	21.4
5 11	15 41.06	− 7 29.5	2.245	3.238	3.9	21.3
5 21	15 33.66	− 6 46.0	2.233	3.224	4.4	21.3
5 31	15 26.51	− 6 12.0	2.248	3.209	6.9	21.4
6 10	15 20.29	− 5 50.1	2.290	3.195	9.8	21.6
6 20	15 15.53	− 5 41.3	2.354	3.180	12.4	21.7
389707 2011 RC_{2}			5 17.2 194.°30		4.°7/19.9 18	
4 11	16 3.93	−33 18.1	2.281	3.068	13.5	21.6
4 21	15 58.81	−33 49.2	2.194	3.068	11.0	21.4
5 1	15 51.43	−34 7.8	2.129	3.067	8.3	21.2
5 11	15 42.45	−34 11.5	2.089	3.067	5.7	21.1
5 21	15 32.78	−33 59.9	2.075	3.066	4.7	21.0
5 31	15 23.47	−33 34.7	2.089	3.065	6.2	21.1
6 10	15 15.49	−33 0.0	2.130	3.065	8.9	21.3
6 20	15 9.52	−32 20.7	2.194	3.064	11.6	21.4
293456 2007 EW_{191}			5 17.2 156.°82		0.°8/16.2 18	
4 11	15 52.40	−16 12.0	4.453	5.276	6.8	21.0
4 21	15 48.91	−15 51.1	4.366	5.277	5.1	20.8
5 1	15 44.56	−15 28.3	4.306	5.277	3.2	20.7
5 11	15 39.67	−15 4.8	4.274	5.278	1.4	20.6
5 21	15 34.57	−14 41.8	4.272	5.278	1.3	20.5
5 31	15 29.63	−14 20.8	4.300	5.279	3.2	20.7
6 10	15 25.19	−14 2.9	4.356	5.279	5.0	20.8
6 20	15 21.52	−13 49.4	4.437	5.280	6.7	21.0
162830 2001 CK_{2}			5 17.2 138.°67		0.°5/17.4 18	
4 11	16 6.92	−21 40.1	1.830	2.655	14.8	20.0
4 21	16 1.13	−21 36.2	1.757	2.666	11.4	19.8
5 1	15 52.88	−21 24.3	1.707	2.676	7.3	19.5
5 11	15 42.99	−21 5.1	1.682	2.686	3.0	19.3
5 21	15 32.51	−20 40.2	1.685	2.695	1.7	19.2
5 31	15 22.60	−20 13.2	1.716	2.704	6.1	19.5
6 10	15 14.27	−19 48.2	1.772	2.712	10.1	19.8
6 20	15 8.22	−19 28.9	1.852	2.719	13.6	20.0
499331 2009 WA_{172}			5 17.2 251.°94		2.°6/18.2 17	
4 11	16 5.72	−25 2.2	1.789	2.612	15.2	21.3
4 21	16 0.59	−25 34.4	1.706	2.611	11.9	21.1
5 1	15 52.78	−25 58.0	1.645	2.609	8.1	20.8
5 11	15 43.04	−26 11.5	1.609	2.607	4.2	20.6
5 21	15 32.44	−26 14.3	1.599	2.606	2.9	20.5
5 31	15 22.22	−26 8.3	1.616	2.604	6.4	20.7
6 10	15 13.56	−25 57.2	1.658	2.602	10.3	20.9
6 20	15 7.29	−25 45.4	1.723	2.600	13.9	21.2
219649 2001 US_{127}			5 17.2 194.°19		2.°1/15.6 18	
4 11	16 2.34	−16 37.6	2.170	3.001	12.6	20.1
4 21	15 57.28	−15 39.5	2.085	2.999	9.6	19.9
5 1	15 50.27	−14 35.0	2.025	2.997	6.1	19.7
5 11	15 41.96	−13 27.7	1.991	2.994	2.8	19.5
5 21	15 33.16	−12 21.7	1.987	2.990	3.0	19.5
5 31	15 24.76	−11 21.8	2.010	2.986	6.4	19.7
6 10	15 17.56	−10 32.2	2.061	2.982	9.9	19.9
6 20	15 12.14	− 9 55.4	2.135	2.976	13.0	20.1
171790 2001 CP_{14}			5 17.2 201.°86		0.°6/17.5 17	
4 11	16 6.74	−21 52.7	2.023	2.843	13.8	21.2
4 21	16 0.97	−21 49.1	1.933	2.839	10.7	21.0
5 1	15 52.83	−21 37.9	1.866	2.834	7.0	20.7
5 11	15 43.02	−21 19.3	1.824	2.828	2.9	20.5
5 21	15 32.49	−20 54.8	1.811	2.821	1.6	20.4
5 31	15 22.31	−20 27.3	1.827	2.814	5.8	20.6
6 10	15 13.51	−20 0.9	1.869	2.806	9.8	20.8
6 20	15 6.81	−19 39.2	1.934	2.797	13.3	21.0
15430 1998 UR_{31}			5 17.2 355.°25		1.°2/16.9 18	
4 11	16 2.03	−14 46.6	0.980	1.860	20.5	16.5
4 21	15 59.24	−15 24.5	0.915	1.854	15.8	16.2
5 1	15 52.65	−16 4.3	0.867	1.849	10.3	15.9
5 11	15 43.18	−16 46.4	0.840	1.846	4.1	15.5
5 21	15 32.35	−17 30.3	0.834	1.844	2.9	15.4
5 31	15 22.10	−18 16.2	0.850	1.844	9.2	15.8
6 10	15 14.23	−19 5.1	0.887	1.846	15.0	16.1
6 20	15 9.84	−19 57.9	0.941	1.848	20.0	16.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
186371 2002 GN_{125}			5 17.2 156.°75		1.°7/15.8 18	
	h m	° ′			°	m
4 11	15 58.77	−15 28.7	2.680	3.510	10.5	21.0
4 21	15 54.21	−14 52.9	2.600	3.513	8.0	20.9
5 1	15 48.15	−14 13.8	2.545	3.517	5.1	20.7
5 11	15 41.11	−13 33.9	2.518	3.521	2.3	20.5
5 21	15 33.72	−12 55.8	2.519	3.524	2.4	20.5
5 31	15 26.64	−12 22.1	2.550	3.527	5.2	20.7
6 10	15 20.50	−11 55.5	2.607	3.529	8.0	20.9
6 20	15 15.74	−11 37.5	2.689	3.532	10.6	21.1
150577 2000 UQ_{19}			5 17.2 197.°77		3.°9/13.3 18	
4 11	15 58.94	− 9 41.5	2.747	3.577	10.3	19.9
4 21	15 54.27	− 8 17.5	2.664	3.574	7.9	19.8
5 1	15 48.16	− 6 51.7	2.608	3.571	5.6	19.6
5 11	15 41.11	− 5 28.5	2.580	3.568	4.0	19.5
5 21	15 33.72	− 4 12.2	2.582	3.564	4.6	19.5
5 31	15 26.62	− 3 6.9	2.613	3.560	6.8	19.7
6 10	15 20.41	− 2 15.3	2.671	3.556	9.3	19.8
6 20	15 15.54	− 1 38.7	2.753	3.551	11.5	20.0
110571 2001 TF_{115}			5 17.2 203.°22		1.°6/18.1 18	
4 11	16 5.17	−24 56.3	2.306	3.115	12.7	20.6
4 21	15 59.55	−24 56.2	2.212	3.110	9.9	20.4
5 1	15 51.81	−24 47.3	2.142	3.105	6.6	20.2
5 11	15 42.61	−24 29.4	2.098	3.098	3.1	20.0
5 21	15 32.77	−24 3.6	2.083	3.091	1.9	19.9
5 31	15 23.25	−23 32.4	2.097	3.084	5.2	20.1
6 10	15 14.94	−22 59.6	2.138	3.076	8.7	20.3
6 20	15 8.51	−22 29.2	2.203	3.067	11.8	20.5
413836 2006 SK_{31}			5 17.2 192.°56		1.°0/17.8 17	
4 11	16 6.10	−23 36.4	2.248	3.059	12.9	22.5
4 21	16 0.24	−23 29.0	2.157	3.057	10.0	22.3
5 1	15 52.24	−23 12.9	2.089	3.055	6.6	22.1
5 11	15 42.77	−22 48.6	2.049	3.051	2.9	21.9
5 21	15 32.68	−22 17.5	2.037	3.047	1.6	21.8
5 31	15 22.95	−21 42.5	2.054	3.041	5.3	22.0
6 10	15 14.50	−21 7.6	2.099	3.035	8.9	22.2
6 20	15 7.95	−20 36.6	2.168	3.028	12.1	22.4
491739 2012 VQ_{29}			5 17.2 288.°04		1.°5/18.1 17	
4 11	16 1.23	−25 7.4	1.918	2.744	14.2	21.3
4 21	15 57.00	−24 55.9	1.823	2.731	11.1	21.1
5 1	15 50.40	−24 33.0	1.751	2.718	7.4	20.8
5 11	15 42.12	−23 59.3	1.704	2.706	3.5	20.6
5 21	15 33.07	−23 16.6	1.683	2.693	2.0	20.4
5 31	15 24.35	−22 28.6	1.690	2.680	5.9	20.6
6 10	15 17.00	−21 40.7	1.722	2.667	9.9	20.9
6 20	15 11.74	−20 57.6	1.777	2.655	13.6	21.1
420386 2012 CG_{5}			5 17.2 125.°70		2.°2/16.3 17	
4 11	16 6.66	−14 7.7	1.649	2.489	15.5	21.7
4 21	16 1.10	−14 3.2	1.579	2.497	11.8	21.5
5 1	15 52.96	−13 57.3	1.531	2.505	7.6	21.3
5 11	15 43.07	−13 51.9	1.509	2.512	3.4	21.0
5 21	15 32.51	−13 49.3	1.513	2.519	3.1	21.0
5 31	15 22.52	−13 51.8	1.544	2.526	7.3	21.3
6 10	15 14.18	−14 1.6	1.600	2.533	11.4	21.5
6 20	15 8.21	−14 20.1	1.678	2.539	15.0	21.8
318206 2004 RP_{174}			5 17.2 221.°12		3.°5/14.8 18	
4 11	16 1.28	−12 43.6	2.058	2.897	12.9	21.1
4 21	15 56.60	−11 42.8	1.974	2.891	9.9	20.9
5 1	15 49.92	−10 38.5	1.913	2.884	6.6	20.7
5 11	15 41.87	− 9 34.7	1.879	2.877	3.8	20.5
5 21	15 33.27	− 8 36.2	1.873	2.869	4.3	20.5
5 31	15 25.03	− 7 47.5	1.894	2.861	7.5	20.7
6 10	15 17.99	− 7 12.1	1.941	2.853	10.8	20.9
6 20	15 12.75	− 6 51.8	2.010	2.845	13.9	21.1
63126 2000 WV_{181}			5 17.2 302.°79		16.°5/10.1 18	
4 11	16 10.71	+23 53.6	1.760	2.496	18.7	18.8
4 21	16 4.24	+24 41.7	1.691	2.477	17.6	18.6
5 1	15 55.03	+25 1.2	1.639	2.459	16.8	18.5
5 11	15 43.91	+24 43.1	1.605	2.441	16.5	18.4
5 21	15 32.01	+23 42.2	1.591	2.423	16.9	18.4
5 31	15 20.63	+21 57.9	1.598	2.405	18.0	18.5
6 10	15 10.95	+19 35.2	1.625	2.387	19.6	18.5
6 20	15 3.74	+16 42.6	1.669	2.370	21.3	18.6
457604 2009 BB_{41}			5 17.2 72.°64		2.°1/16.3 17	
4 11	16 6.36	−15 44.7	1.349	2.201	17.6	21.4
4 21	16 1.15	−15 25.9	1.296	2.220	13.3	21.2
5 1	15 53.06	−15 3.3	1.263	2.239	8.5	20.9
5 11	15 43.09	−14 39.6	1.254	2.258	3.6	20.7
5 21	15 32.57	−14 18.5	1.269	2.277	3.3	20.7
5 31	15 22.91	−14 3.8	1.311	2.296	8.0	21.1
6 10	15 15.27	−13 58.9	1.376	2.314	12.4	21.4
6 20	15 10.32	−14 5.2	1.461	2.333	16.2	21.6

390216 2012 XU_{26} 5 17.2 248°.18 0°.2/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.46	−20 38.6	2.204	3.031	12.6	21.6
4 21	15 56.76	−20 32.3	2.114	3.025	9.6	21.4
5 1	15 50.05	−20 19.8	2.047	3.018	6.2	21.1
5 11	15 41.94	−20 2.0	2.007	3.011	2.5	20.9
5 21	15 33.22	−19 40.5	1.994	3.004	1.5	20.8
5 31	15 24.80	−19 18.0	2.010	2.997	5.4	21.0
6 10	15 17.55	−18 57.6	2.052	2.990	9.0	21.2
6 20	15 12.08	−18 42.2	2.117	2.983	12.2	21.4

106234 2000 UJ_{44} 5 17.2 80°.30 0°.8/17.6 18

4 11	16 1.45	−22 0.4	2.304	3.127	12.2	19.3
4 21	15 56.56	−22 4.4	2.229	3.136	9.4	19.1
5 1	15 49.80	−22 2.0	2.177	3.146	6.1	19.0
5 11	15 41.80	−21 53.9	2.152	3.155	2.6	18.7
5 21	15 33.33	−21 41.0	2.155	3.164	1.5	18.7
5 31	15 25.26	−21 25.7	2.186	3.174	4.9	18.9
6 10	15 18.35	−21 10.8	2.243	3.183	8.2	19.1
6 20	15 13.17	−20 59.0	2.325	3.193	11.2	19.3

299366 2005 TZ_{190} 5 17.2 352°.93 3°.4/18.9 16

4 11	16 3.76	−28 27.3	2.271	3.074	13.0	20.5
4 21	15 58.63	−29 5.2	2.184	3.074	10.4	20.3
5 1	15 51.32	−29 34.1	2.121	3.073	7.4	20.1
5 11	15 42.46	−29 52.2	2.083	3.073	4.5	19.9
5 21	15 32.90	−29 58.9	2.073	3.073	3.5	19.9
5 31	15 23.64	−29 55.3	2.090	3.073	5.7	20.0
6 10	15 15.61	−29 44.5	2.134	3.073	8.7	20.2
6 20	15 9.51	−29 30.3	2.202	3.073	11.6	20.4

320291 2007 RW_{216} 5 17.2 213°.99 0°.3/17.3 17

4 11	16 6.50	−21 6.8	1.781	2.610	15.0	21.4
4 21	16 1.11	−21 1.3	1.693	2.604	11.6	21.1
5 1	15 53.09	−20 47.8	1.627	2.598	7.5	20.9
5 11	15 43.20	−20 27.0	1.586	2.590	3.0	20.6
5 21	15 32.46	−20 0.6	1.572	2.582	1.8	20.5
5 31	15 22.10	−19 32.1	1.586	2.574	6.5	20.7
6 10	15 13.28	−19 5.8	1.625	2.565	10.8	21.0
6 20	15 6.80	−18 45.9	1.687	2.555	14.6	21.2

295252 2008 GH_{41} 5 17.2 101°.46 3°.7/14.5 17

4 11	15 58.30	− 9 32.5	2.438	3.275	11.2	21.0
4 21	15 53.97	− 8 47.5	2.366	3.280	8.6	20.8
5 1	15 48.05	− 8 3.0	2.318	3.285	5.9	20.7
5 11	15 41.11	− 7 22.3	2.298	3.290	3.9	20.6
5 21	15 33.80	− 6 48.5	2.304	3.296	4.3	20.6
5 31	15 26.84	− 6 24.5	2.339	3.300	6.6	20.7
6 10	15 20.87	− 6 12.0	2.400	3.305	9.3	20.9
6 20	15 16.36	− 6 11.6	2.483	3.310	11.8	21.1

179444 2002 AD_{135} 5 17.2 137°.03 0°.7/16.6 18

4 11	16 0.55	−18 1.6	2.788	3.610	10.4	21.7
4 21	15 55.49	−17 42.8	2.712	3.621	7.9	21.5
5 1	15 48.95	−17 20.2	2.661	3.632	5.0	21.3
5 11	15 41.44	−16 55.0	2.638	3.643	1.9	21.1
5 21	15 33.61	−16 29.4	2.644	3.653	1.6	21.1
5 31	15 26.12	−16 5.4	2.680	3.662	4.6	21.4
6 10	15 19.58	−15 45.4	2.743	3.672	7.4	21.6
6 20	15 14.43	−15 31.2	2.831	3.681	9.9	21.7

53522 2000 AE_{146} 5 17.2 2°.06 21°.0/13.6 18

4 11	16 12.53	+22 19.9	1.099	1.886	24.9	18.8
4 21	16 6.57	+23 28.0	1.055	1.885	23.2	18.7
5 1	15 56.89	+23 56.4	1.025	1.885	21.8	18.6
5 11	15 44.68	+23 32.4	1.010	1.885	21.1	18.5
5 21	15 31.65	+22 9.7	1.011	1.885	21.3	18.5
5 31	15 19.67	+19 50.2	1.030	1.886	22.5	18.6
6 10	15 10.26	+16 44.6	1.065	1.887	24.3	18.7
6 20	15 4.27	+13 7.6	1.117	1.888	26.3	18.9

281778 2009 SB_{168} 5 17.2 174°.26 7°.8/ 9.6 17

4 11	16 1.89	+ 3 57.1	2.616	3.423	11.4	21.3
4 21	15 56.53	+ 5 41.5	2.553	3.427	9.6	21.1
5 1	15 49.62	+ 7 18.7	2.515	3.430	8.3	21.1
5 11	15 41.71	+ 8 42.8	2.505	3.432	7.8	21.0
5 21	15 33.45	+ 9 48.8	2.522	3.434	8.6	21.1
5 31	15 25.53	+10 33.8	2.565	3.435	10.1	21.2
6 10	15 18.58	+10 56.9	2.632	3.435	11.9	21.3
6 20	15 13.07	+10 59.3	2.719	3.434	13.6	21.4

200484 2000 YS_{33} 5 17.2 187°.68 17°.8/ 7.4 18

4 11	16 8.97	+17 24.1	1.358	2.151	20.7	19.9
4 21	16 3.28	+19 32.3	1.315	2.151	19.1	19.8
5 1	15 54.54	+21 13.4	1.289	2.150	18.0	19.7
5 11	15 43.74	+22 14.9	1.281	2.149	17.9	19.7
5 21	15 32.21	+22 29.3	1.292	2.147	18.7	19.8
5 31	15 21.44	+21 54.9	1.321	2.144	20.3	19.9
6 10	15 12.70	+20 36.6	1.366	2.140	22.1	20.0
6 20	15 6.76	+18 43.0	1.425	2.136	24.0	20.1

143901 2003 YR_{60} 5 17.2 123°.66 0°.4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.31	−20 9.8	1.739	2.573	15.1	21.2
4 21	15 59.96	−19 46.6	1.669	2.584	11.5	21.0
5 1	15 52.18	−19 15.5	1.622	2.595	7.3	20.8
5 11	15 42.78	−18 38.4	1.600	2.605	2.8	20.5
5 21	15 32.83	−17 58.3	1.605	2.615	1.9	20.4
5 31	15 23.48	−17 19.6	1.638	2.625	6.4	20.8
6 10	15 15.76	−16 46.8	1.696	2.634	10.5	21.0
6 20	15 10.30	−16 23.2	1.776	2.643	14.1	21.3

68088 2000 YC_{107} 5 17.2 227°.43 1°.8/16.4 17

4 11	16 6.07	−15 33.8	1.742	2.579	14.9	19.6
4 21	16 0.79	−15 24.8	1.655	2.571	11.5	19.3
5 1	15 52.91	−15 12.7	1.590	2.563	7.4	19.1
5 11	15 43.16	−14 59.2	1.550	2.554	3.1	18.8
5 21	15 32.55	−14 46.6	1.537	2.545	2.8	18.8
5 31	15 22.29	−14 38.0	1.551	2.535	7.1	19.0
6 10	15 13.51	−14 36.3	1.591	2.524	11.4	19.2
6 20	15 7.02	−14 43.6	1.653	2.514	15.2	19.4

315428 2007 VJ_{286} 5 17.2 256°.22 0°.6/16.9 17

4 11	16 6.39	−17 41.2	1.635	2.474	15.7	21.0
4 21	16 1.34	−17 47.7	1.544	2.461	12.1	20.7
5 1	15 53.45	−17 50.1	1.474	2.448	7.8	20.4
5 11	15 43.43	−17 49.2	1.429	2.434	3.1	20.1
5 21	15 32.36	−17 46.3	1.410	2.420	2.2	20.0
5 31	15 21.56	−17 43.8	1.418	2.406	7.1	20.3
6 10	15 12.33	−17 45.0	1.451	2.391	11.8	20.5
6 20	15 5.58	−17 52.7	1.505	2.376	15.9	20.7

419664 2010 TE_{110} 5 17.2 103°.19 0°.6/17.4 17

4 11	16 6.65	−20 28.8	1.597	2.433	16.1	21.4
4 21	16 1.33	−20 42.1	1.526	2.441	12.4	21.2
5 1	15 53.26	−20 48.9	1.476	2.448	8.0	21.0
5 11	15 43.27	−20 49.2	1.451	2.456	3.2	20.7
5 21	15 32.54	−20 44.0	1.453	2.463	1.9	20.6
5 31	15 22.37	−20 36.0	1.481	2.470	6.6	20.9
6 10	15 13.97	−20 29.0	1.533	2.477	11.0	21.2
6 20	15 8.08	−20 26.3	1.608	2.484	14.8	21.4

216769 2005 UD_{382} 5 17.2 243°.92 4°.4/14.2 18

4 11	15 59.53	− 6 0.9	2.494	3.325	11.2	20.3
4 21	15 54.96	− 5 27.2	2.409	3.317	8.7	20.1
5 1	15 48.75	− 4 56.5	2.349	3.309	6.3	19.9
5 11	15 41.45	− 4 31.8	2.316	3.301	4.6	19.8
5 21	15 33.68	− 4 16.1	2.310	3.293	5.0	19.8
5 31	15 26.17	− 4 11.5	2.332	3.285	7.2	19.9
6 10	15 19.59	− 4 19.2	2.380	3.276	9.8	20.1
6 20	15 14.47	− 4 39.1	2.450	3.268	12.2	20.3

220975 2005 NA_{2} 5 17.2 310°.76 0°.3/17.1 17

4 11	16 0.79	−20 25.1	1.431	2.284	16.7	21.0
4 21	15 57.42	−20 8.8	1.341	2.266	12.9	20.7
5 1	15 51.10	−19 42.8	1.272	2.249	8.4	20.4
5 11	15 42.56	−19 8.6	1.226	2.231	3.3	20.0
5 21	15 32.94	−18 29.3	1.204	2.215	2.2	19.9
5 31	15 23.64	−17 49.8	1.208	2.198	7.6	20.2
6 10	15 16.02	−17 16.0	1.234	2.183	12.7	20.4
6 20	15 11.03	−16 52.6	1.281	2.167	17.1	20.6

466296 2013 PC_{71} 5 17.2 251°.74 3°.6/18.9 17

4 11	16 5.40	−29 7.4	1.773	2.587	15.7	21.9
4 21	16 0.56	−29 20.6	1.680	2.576	12.6	21.6
5 1	15 52.92	−29 20.2	1.608	2.565	8.9	21.4
5 11	15 43.22	−29 4.6	1.560	2.554	5.2	21.1
5 21	15 32.55	−28 33.8	1.538	2.542	3.8	21.0
5 31	15 22.25	−27 50.8	1.543	2.530	6.7	21.2
6 10	15 13.55	−27 1.6	1.573	2.518	10.7	21.4
6 20	15 7.34	−26 12.5	1.626	2.506	14.5	21.6

248189 2005 BE_{17} 5 17.2 2°.59 1°.4/15.7 18

4 11	15 52.84	−13 17.3	4.227	5.054	7.0	20.1
4 21	15 49.31	−12 58.7	4.143	5.054	5.3	19.9
5 1	15 44.88	−12 39.4	4.084	5.054	3.4	19.8
5 11	15 39.88	−12 20.7	4.053	5.054	1.7	19.7
5 21	15 34.66	−12 3.8	4.052	5.054	1.8	19.7
5 31	15 29.59	−11 50.1	4.080	5.054	3.6	19.8
6 10	15 25.05	−11 40.8	4.137	5.054	5.4	19.9
6 20	15 21.31	−11 36.4	4.218	5.055	7.2	20.1

497659 2006 RB_{72} 5 17.2 311°.95 1°.4/16.6 17

4 11	16 0.37	−18 21.2	1.325	2.186	17.3	22.0
4 21	15 57.31	−17 58.0	1.235	2.165	13.4	21.7
5 1	15 51.15	−17 26.1	1.166	2.145	8.7	21.4
5 11	15 42.62	−16 47.9	1.119	2.125	3.5	21.0
5 21	15 32.89	−16 7.4	1.096	2.105	2.9	20.9
5 31	15 23.46	−15 30.1	1.097	2.086	8.4	21.2
6 10	15 15.77	−15 2.1	1.120	2.068	13.7	21.4
6 20	15 10.85	−14 47.5	1.163	2.051	18.4	21.6

105956 2000 SX_{249} 5 17.2 189°.33 3°.9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.87	− 8 16.5	2.632	3.464	10.6	20.5
4 21	15 54.33	− 7 28.8	2.553	3.463	8.2	20.3
5 1	15 48.28	− 6 41.9	2.498	3.462	5.8	20.1
5 11	15 41.24	− 5 59.2	2.471	3.460	4.0	20.0
5 21	15 33.83	− 5 23.7	2.473	3.459	4.5	20.1
5 31	15 26.70	− 4 58.2	2.502	3.457	6.6	20.2
6 10	15 20.49	− 4 44.4	2.557	3.455	9.2	20.3
6 20	15 15.65	− 4 42.9	2.636	3.452	11.5	20.5

255886 2006 SX_{268} 5 17.2 27°.79 3°.4/18.8 17

4 11	16 4.06	−27 45.6	1.477	2.308	17.4	20.4
4 21	15 59.77	−27 57.4	1.403	2.311	13.8	20.1
5 1	15 52.46	−27 54.6	1.350	2.314	9.5	19.9
5 11	15 43.03	−27 36.2	1.319	2.317	5.2	19.7
5 21	15 32.73	−27 3.2	1.314	2.320	3.5	19.6
5 31	15 23.05	−26 19.7	1.333	2.324	7.1	19.8
6 10	15 15.29	−25 32.5	1.377	2.327	11.4	20.0
6 20	15 10.28	−24 48.3	1.441	2.331	15.4	20.3

366348 1998 UE_{11} 5 17.2 218°.00 0°.6/16.9 17

4 11	16 4.83	−18 48.1	2.055	2.882	13.3	21.6
4 21	15 59.49	−18 33.3	1.963	2.874	10.2	21.4
5 1	15 51.92	−18 12.7	1.894	2.866	6.6	21.2
5 11	15 42.76	−17 47.6	1.852	2.856	2.6	20.9
5 21	15 32.90	−17 20.1	1.837	2.846	1.9	20.8
5 31	15 23.35	−16 53.4	1.851	2.836	6.0	21.1
6 10	15 15.08	−16 31.0	1.891	2.825	9.9	21.3
6 20	15 8.78	−16 16.0	1.954	2.813	13.3	21.5

39559 1992 OL_8 5 17.2 270°.35 2°.5/16.1 18

4 11	16 4.10	−15 17.8	1.621	2.466	15.5	19.5
4 21	15 59.60	−14 50.3	1.526	2.447	11.9	19.2
5 1	15 52.35	−14 17.9	1.452	2.427	7.8	18.9
5 11	15 43.04	−13 43.4	1.403	2.406	3.6	18.6
5 21	15 32.70	−13 10.5	1.380	2.386	3.5	18.5
5 31	15 22.60	−12 43.8	1.383	2.365	8.0	18.7
6 10	15 13.98	−12 27.3	1.410	2.343	12.6	18.9
6 20	15 7.74	−12 23.8	1.458	2.322	16.7	19.1

80455 2000 AZ_3 5 17.2 242°.00 2°.5/16.1 17

4 11	16 6.48	−14 57.0	1.532	2.377	16.2	20.1
4 21	16 1.49	−14 34.4	1.444	2.365	12.5	19.8
5 1	15 53.58	−14 7.8	1.378	2.352	8.2	19.5
5 11	15 43.52	−13 39.9	1.336	2.339	3.7	19.2
5 21	15 32.42	−13 14.2	1.320	2.326	3.6	19.2
5 31	15 21.68	−12 55.0	1.329	2.312	8.2	19.4
6 10	15 12.59	−12 46.0	1.363	2.297	12.9	19.6
6 20	15 6.06	−12 49.7	1.418	2.282	17.1	19.9

23216 Mikehagler 5 17.2 236°.66 1°.0/17.7 18

4 11	16 3.57	−22 54.0	2.017	2.841	13.7	19.4
4 21	15 58.65	−22 53.0	1.926	2.834	10.6	19.2
5 1	15 51.43	−22 43.8	1.857	2.826	7.0	18.9
5 11	15 42.59	−22 26.7	1.815	2.818	3.0	18.7
5 21	15 33.02	−22 2.9	1.799	2.809	1.7	18.5
5 31	15 23.78	−21 35.4	1.812	2.800	5.7	18.8
6 10	15 15.85	−21 8.2	1.850	2.792	9.6	19.0
6 20	15 9.95	−20 44.9	1.912	2.782	13.1	19.2

356819 2011 UC_{389} 5 17.2 181°.04 2°.4/19.0 17

4 11	16 0.88	−29 7.5	2.518	3.319	12.0	20.8
4 21	15 56.14	−28 54.4	2.429	3.319	9.4	20.7
5 1	15 49.57	−28 29.9	2.364	3.319	6.6	20.5
5 11	15 41.79	−27 54.3	2.325	3.319	3.7	20.3
5 21	15 33.55	−27 9.0	2.314	3.319	2.5	20.2
5 31	15 25.68	−26 17.1	2.332	3.319	4.8	20.4
6 10	15 18.93	−25 22.9	2.377	3.318	7.8	20.5
6 20	15 13.85	−24 30.6	2.447	3.318	10.5	20.7

503989 2004 TQ_{295} 5 17.2 216°.00 0°.4/16.9 17

4 11	16 2.43	−20 31.0	2.228	3.053	12.5	22.2
4 21	15 57.47	−20 2.0	2.137	3.047	9.6	22.0
5 1	15 50.51	−19 25.5	2.069	3.040	6.2	21.8
5 11	15 42.19	−18 43.1	2.027	3.032	2.4	21.5
5 21	15 33.29	−17 57.4	2.015	3.024	1.6	21.4
5 31	15 24.73	−17 12.2	2.030	3.016	5.5	21.7
6 10	15 17.34	−16 31.5	2.073	3.007	9.1	21.9
6 20	15 11.74	−15 58.4	2.139	2.998	12.3	22.1

141226 2001 XJ_{230} 5 17.2 78°.29 0°.1/17.2 18

4 11	16 0.91	−20 26.0	2.206	3.035	12.5	20.4
4 21	15 56.21	−20 13.2	2.134	3.046	9.5	20.2
5 1	15 49.62	−19 54.4	2.085	3.056	6.1	20.0
5 11	15 41.80	−19 30.6	2.063	3.067	2.4	19.8
5 21	15 33.55	−19 4.2	2.068	3.078	1.5	19.7
5 31	15 25.73	−18 37.8	2.101	3.089	5.2	20.0
6 10	15 19.12	−18 14.6	2.161	3.099	8.6	20.2
6 20	15 14.25	−17 57.3	2.245	3.110	11.6	20.4

369586 2011 BR_{128} 5 17.2 304°.29 3°.6/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.43	−13 37.3	1.559	2.414	15.5	20.5
4 21	15 56.73	−12 51.4	1.474	2.400	11.9	20.3
5 1	15 50.43	−12 1.1	1.411	2.387	7.9	20.0
5 11	15 42.25	−11 10.8	1.372	2.373	4.2	19.7
5 21	15 33.23	−10 25.4	1.358	2.360	4.6	19.7
5 31	15 24.57	− 9 50.4	1.369	2.347	8.6	19.9
6 10	15 17.41	− 9 29.9	1.404	2.334	12.9	20.1
6 20	15 12.55	− 9 25.8	1.459	2.322	16.8	20.3

1367 Nongoma 5 17.2 341°.78 10°.7/25.3 18 A

4 11	16 4.22	−47 16.2	1.309	2.078	22.5	15.2
4 21	16 1.10	−47 8.7	1.226	2.070	19.7	15.0
5 1	15 53.83	−46 22.6	1.158	2.063	16.5	14.8
5 11	15 43.66	−44 50.9	1.108	2.056	13.2	14.6
5 21	15 32.46	−42 32.4	1.079	2.051	11.0	14.4
5 31	15 22.39	−39 35.0	1.074	2.046	11.2	14.4
6 10	15 15.16	−36 15.5	1.093	2.042	13.8	14.5
6 20	15 11.59	−32 53.3	1.134	2.039	17.5	14.7

435765 2008 UD_{257} 5 17.2 212°.00 5°.7/13.3 18

4 11	16 1.35	− 3 34.5	2.347	3.174	11.9	21.7
4 21	15 56.42	− 2 41.9	2.266	3.168	9.5	21.5
5 1	15 49.74	− 1 53.1	2.209	3.161	7.1	21.3
5 11	15 41.87	− 1 12.6	2.179	3.154	5.7	21.2
5 21	15 33.52	− 0 43.9	2.176	3.147	6.3	21.3
5 31	15 25.47	− 0 30.0	2.201	3.139	8.4	21.4
6 10	15 18.44	− 0 32.1	2.250	3.130	11.0	21.5
6 20	15 12.99	− 0 49.6	2.321	3.121	13.4	21.7

384683 2011 GD_{31} 5 17.2 344°.32 1°.6/16.3 17

4 11	16 0.46	−17 54.3	1.685	2.532	14.9	21.4
4 21	15 56.48	−17 18.2	1.607	2.530	11.3	21.1
5 1	15 50.11	−16 35.0	1.551	2.527	7.3	20.9
5 11	15 42.08	−15 47.7	1.520	2.525	3.0	20.6
5 21	15 33.40	−15 0.5	1.516	2.523	2.7	20.6
5 31	15 25.17	−14 18.0	1.537	2.522	7.0	20.9
6 10	15 18.43	−13 44.9	1.583	2.521	11.2	21.1
6 20	15 13.85	−13 23.9	1.650	2.520	14.8	21.3

66266 1999 HQ_9 5 17.2 351°.77 1°.5/16.5 18

4 11	15 59.41	−20 2.7	1.183	2.051	18.5	18.3
4 21	15 56.60	−19 14.3	1.113	2.047	14.2	18.0
5 1	15 50.61	−18 12.9	1.063	2.043	9.1	17.7
5 11	15 42.37	−17 2.6	1.034	2.040	3.6	17.4
5 21	15 33.22	−15 50.0	1.029	2.039	3.1	17.3
5 31	15 24.72	−14 43.2	1.048	2.037	8.6	17.6
6 10	15 18.24	−13 50.1	1.088	2.037	13.9	17.9
6 20	15 14.62	−13 15.0	1.147	2.038	18.4	18.2

142782 2002 UK_{12} 5 17.2 108°.43 5°.2/13.7 18

4 11	16 4.49	− 7 45.3	2.036	2.869	13.3	20.2
4 21	15 58.71	− 6 27.4	1.985	2.894	10.2	20.1
5 1	15 51.08	− 5 11.5	1.958	2.919	7.3	19.9
5 11	15 42.32	− 4 2.8	1.958	2.943	5.3	19.8
5 21	15 33.31	− 3 6.2	1.986	2.966	5.9	19.9
5 31	15 24.92	− 2 25.3	2.041	2.989	8.4	20.1
6 10	15 17.88	− 2 2.0	2.122	3.011	11.2	20.3
6 20	15 12.67	− 1 55.8	2.224	3.031	13.7	20.5

130126 Stillmanchase 5 17.2 208°.28 2°.2/18.5 18

4 11	16 5.52	−26 18.2	2.579	3.378	11.8	20.9
4 21	15 59.72	−26 35.2	2.481	3.371	9.3	20.7
5 1	15 51.95	−26 44.4	2.407	3.364	6.3	20.5
5 11	15 42.78	−26 44.7	2.360	3.356	3.4	20.3
5 21	15 32.96	−26 36.5	2.342	3.347	2.3	20.2
5 31	15 23.39	−26 21.2	2.353	3.338	4.9	20.4
6 10	15 14.89	−26 1.8	2.392	3.328	8.0	20.6
6 20	15 8.09	−25 41.7	2.456	3.318	10.8	20.7

376365 2011 KG_{42} 5 17.2 114°.77 0°.8/16.8 17

4 11	16 3.05	−18 22.4	2.007	2.839	13.4	21.1
4 21	15 58.00	−18 7.5	1.934	2.848	10.2	20.9
5 1	15 50.85	−17 47.5	1.885	2.857	6.5	20.7
5 11	15 42.32	−17 23.9	1.861	2.866	2.5	20.4
5 21	15 33.28	−16 59.2	1.865	2.874	1.9	20.4
5 31	15 24.71	−16 36.3	1.897	2.882	5.8	20.7
6 10	15 17.48	−16 18.4	1.955	2.890	9.5	20.9
6 20	15 12.19	−16 7.9	2.036	2.898	12.7	21.1

162580 2000 SU_6 5 17.2 316°.99 5°.0/19.4 18

4 11	16 2.67	−30 23.9	1.284	2.121	19.2	19.5
4 21	15 59.45	−30 42.0	1.201	2.109	15.6	19.3
5 1	15 52.71	−30 41.6	1.136	2.098	11.2	19.0
5 11	15 43.30	−30 19.8	1.093	2.087	6.9	18.7
5 21	15 32.61	−29 36.2	1.073	2.076	5.0	18.6
5 31	15 22.41	−28 35.6	1.076	2.066	8.3	18.7
6 10	15 14.34	−27 26.8	1.101	2.057	13.1	18.9
6 20	15 9.48	−26 19.3	1.146	2.048	17.6	19.2

160271 2002 TN_{60} 5 17.2 234°.37 5°.0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.40	−22 2.4	1.188	2.019	20.8	19.6
4 21	16 13.84	−24 4.0	1.105	2.013	16.6	19.3
5 1	16 2.62	−26 8.2	1.043	2.007	11.6	19.0
5 11	15 47.45	−28 6.4	1.004	2.001	6.5	18.7
5 21	15 29.93	−29 48.2	0.991	1.994	5.5	18.6
5 31	15 12.48	−31 7.0	1.004	1.987	10.1	18.9
6 10	14 57.54	−32 4.0	1.041	1.980	15.5	19.1
6 20	14 46.77	−32 45.5	1.098	1.972	20.2	19.4

313081 2000 TJ_{16} 5 17.2 191°.83 1°.1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.94	−22 45.4	1.989	2.806	14.1	21.7
4 21	16 1.98	−22 49.6	1.901	2.805	10.9	21.5
5 1	15 53.58	−22 45.7	1.836	2.803	7.2	21.3
5 11	15 43.46	−22 33.7	1.797	2.800	3.1	21.0
5 21	15 32.59	−22 14.6	1.786	2.796	1.8	20.9
5 31	15 22.10	−21 51.1	1.803	2.791	5.8	21.2
6 10	15 13.05	−21 27.1	1.848	2.786	9.8	21.4
6 20	15 6.17	−21 6.7	1.915	2.780	13.3	21.6

457446 2008 UL_{129} 5 17.2 119°.19 1°.9/18.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.90	−24 0.2	1.437	2.272	17.6	22.3
4 21	16 2.68	−24 12.9	1.367	2.279	13.7	22.1
5 1	15 54.34	−24 14.6	1.317	2.286	9.1	21.8
5 11	15 43.80	−24 4.7	1.291	2.293	4.2	21.5
5 21	15 32.40	−23 44.2	1.290	2.299	2.5	21.4
5 31	15 21.67	−23 17.0	1.315	2.306	7.1	21.7
6 10	15 12.96	−22 48.6	1.364	2.311	11.8	22.0
6 20	15 7.10	−22 24.6	1.434	2.317	15.9	22.3

387187 2012 TD_{285} 5 17.2 290°.95 1°.1/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.48	−17 12.7	1.971	2.809	13.4	21.0
4 21	15 56.98	−16 59.2	1.888	2.805	10.2	20.8
5 1	15 50.32	−16 41.4	1.828	2.801	6.6	20.5
5 11	15 42.17	−16 20.9	1.793	2.798	2.6	20.3
5 21	15 33.39	−16 0.2	1.785	2.794	2.2	20.2
5 31	15 24.97	−15 42.2	1.805	2.790	6.1	20.5
6 10	15 17.82	−15 29.9	1.851	2.787	9.9	20.7
6 20	15 12.60	−15 25.5	1.919	2.783	13.3	20.9

491206 2011 UR_{123} 5 17.2 168°.65 0°.2/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.51	−21 10.6	2.821	3.637	10.4	23.0
4 21	15 55.58	−20 58.7	2.735	3.640	8.0	22.9
5 1	15 49.11	−20 41.2	2.675	3.643	5.1	22.7
5 11	15 41.62	−20 19.1	2.641	3.645	2.0	22.5
5 21	15 33.74	−19 53.9	2.637	3.648	1.2	22.4
5 31	15 26.15	−19 27.9	2.663	3.649	4.3	22.6
6 10	15 19.49	−19 3.6	2.716	3.651	7.2	22.8
6 20	15 14.23	−18 43.3	2.794	3.652	9.8	23.0

380616 2004 TW_{204} 5 17.2 178°.00 0°.6/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.82	−21 48.5	2.142	2.964	13.1	21.8
4 21	15 58.62	−21 46.3	2.058	2.965	10.0	21.6
5 1	15 51.30	−21 37.1	1.997	2.966	6.5	21.4
5 11	15 42.54	−21 21.5	1.963	2.967	2.7	21.1
5 21	15 33.19	−21 0.8	1.956	2.967	1.5	21.0
5 31	15 24.21	−20 37.8	1.978	2.966	5.4	21.3
6 10	15 16.50	−20 15.9	2.027	2.966	9.0	21.5
6 20	15 10.69	−19 58.2	2.099	2.965	12.2	21.7

230887 2004 RW_{345} 5 17.2 165°.17 6°.4/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.13	− 0 11.7	2.427	3.246	11.8	20.9
4 21	15 56.85	+ 0 43.2	2.359	3.251	9.6	20.8
5 1	15 49.93	+ 1 31.6	2.316	3.256	7.6	20.6
5 11	15 41.94	+ 2 9.1	2.299	3.261	6.5	20.6
5 21	15 33.58	+ 2 32.4	2.309	3.264	7.0	20.6
5 31	15 25.58	+ 2 39.1	2.346	3.267	8.8	20.7
6 10	15 18.63	+ 2 28.9	2.408	3.270	11.0	20.9
6 20	15 13.20	+ 2 3.0	2.492	3.272	13.1	21.0

475554 2006 TS_{79} 5 17.2 307°.25 0°.8/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.14	−24 16.5	2.192	3.015	12.8	21.2
4 21	15 55.78	−23 50.4	2.107	3.014	9.9	21.0
5 1	15 49.45	−23 14.3	2.045	3.013	6.5	20.7
5 11	15 41.80	−22 29.5	2.009	3.012	2.8	20.5
5 21	15 33.65	−21 38.5	2.001	3.011	1.5	20.4
5 31	15 25.89	−20 45.2	2.020	3.010	5.2	20.6
6 10	15 19.33	−19 54.1	2.067	3.009	8.7	20.9
6 20	15 14.56	−19 9.2	2.137	3.008	11.9	21.1

74126 1998 QV_{60} 5 17.2 291°.65 3°.0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.11	−27 54.3	1.550	2.380	16.8	19.3
4 21	15 59.16	−27 53.4	1.458	2.365	13.4	19.1
5 1	15 52.22	−27 37.2	1.387	2.351	9.3	18.8
5 11	15 43.06	−27 4.7	1.338	2.336	5.0	18.5
5 21	15 32.84	−26 16.9	1.315	2.322	3.3	18.3
5 31	15 22.99	−25 18.4	1.317	2.308	7.1	18.5
6 10	15 14.89	−24 16.4	1.343	2.294	11.6	18.8
6 20	15 9.46	−23 18.3	1.390	2.280	15.9	19.0

477610 2010 KM_{114} 5 17.2 311°.80 1°.6/16.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.23	−16 39.6	1.907	2.752	13.5	21.1
4 21	15 55.55	−16 18.2	1.804	2.725	10.4	20.8
5 1	15 49.60	−15 51.6	1.724	2.699	6.7	20.5
5 11	15 41.98	−15 22.2	1.668	2.673	2.8	20.2
5 21	15 33.50	−14 52.7	1.639	2.647	2.6	20.2
5 31	15 25.19	−14 26.8	1.637	2.621	6.7	20.4
6 10	15 18.05	−14 8.2	1.660	2.596	10.8	20.6
6 20	15 12.85	−13 59.5	1.704	2.572	14.5	20.7

505501 2013 WV_{74} 5 17.2 184°.54 0°.7/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.61	−19 31.7	2.199	3.026	12.6	22.7
4 21	15 57.58	−19 0.7	2.115	3.026	9.6	22.5
5 1	15 50.57	−18 22.8	2.054	3.026	6.1	22.2
5 11	15 42.24	−17 40.0	2.021	3.025	2.4	22.0
5 21	15 33.40	−16 55.3	2.015	3.024	1.8	21.9
5 31	15 24.95	−16 12.3	2.038	3.023	5.6	22.2
6 10	15 17.70	−15 34.8	2.088	3.021	9.2	22.4
6 20	15 12.24	−15 5.8	2.161	3.018	12.3	22.6

302263 2001 XJ_{126} 5 17.2 33°.01 1°.0/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.45	−24 21.6	1.210	2.065	19.0	19.9
4 21	15 58.85	−23 52.7	1.147	2.071	14.7	19.6
5 1	15 51.99	−23 7.9	1.102	2.077	9.6	19.3
5 11	15 42.91	−22 9.1	1.080	2.084	4.1	19.0
5 21	15 33.03	−21 1.2	1.081	2.092	2.2	18.9
5 31	15 23.96	−19 51.8	1.106	2.099	7.7	19.3
6 10	15 17.06	−18 49.4	1.154	2.108	12.8	19.6
6 20	15 13.11	−18 0.2	1.222	2.116	17.2	19.9

12539 Chaikin 5 17.2 354°.81 2°.1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.88	−25 53.2	1.753	2.582	15.2	17.8
4 21	15 57.68	−25 50.7	1.673	2.581	11.9	17.6
5 1	15 50.96	−25 36.4	1.614	2.580	8.0	17.4
5 11	15 42.48	−25 10.2	1.579	2.579	4.0	17.1
5 21	15 33.29	−24 34.0	1.570	2.579	2.4	17.0
5 31	15 24.57	−23 51.6	1.588	2.578	6.1	17.2
6 10	15 17.39	−23 8.2	1.631	2.578	10.2	17.5
6 20	15 12.48	−22 29.1	1.696	2.579	13.8	17.7

204284 2004 LX_{14} 5 17.2 310°.00 3°.2/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.44	−15 42.4	1.161	2.032	18.5	20.4
4 21	15 57.75	−15 4.8	1.076	2.011	14.4	20.1
5 1	15 51.68	−14 19.4	1.010	1.990	9.4	19.7
5 11	15 42.99	−13 30.3	0.965	1.969	4.4	19.4
5 21	15 32.93	−12 43.5	0.943	1.949	4.5	19.3
5 31	15 23.17	−12 5.9	0.944	1.930	9.9	19.5
6 10	15 15.33	−11 43.9	0.965	1.911	15.5	19.8
6 20	15 10.53	−11 41.0	1.004	1.894	20.5	20.0

214491 2005 UB_{127} 5 17.2 322°.42 2°.1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.70	−21 57.2	1.865	2.693	14.5	19.6
4 21	16 0.02	−22 51.5	1.764	2.673	11.3	19.4
5 1	15 52.68	−23 42.9	1.686	2.654	7.7	19.1
5 11	15 43.29	−24 29.3	1.633	2.634	3.7	18.8
5 21	15 32.76	−25 8.9	1.608	2.616	2.6	18.7
5 31	15 22.29	−25 41.4	1.609	2.598	6.3	18.9
6 10	15 13.11	−26 8.2	1.637	2.580	10.5	19.1
6 20	15 6.17	−26 32.0	1.687	2.563	14.2	19.3

427234 2014 WR_{55} 5 17.2 160°.22 1°.1/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.97	−17 30.2	1.917	2.748	14.0	22.0
4 21	16 0.38	−17 16.9	1.841	2.754	10.7	21.8
5 1	15 52.49	−16 59.0	1.787	2.759	6.8	21.6
5 11	15 43.05	−16 37.9	1.759	2.763	2.7	21.3
5 21	15 33.01	−16 16.1	1.759	2.767	2.2	21.3
5 31	15 23.43	−15 56.5	1.786	2.771	6.3	21.6
6 10	15 15.29	−15 42.4	1.840	2.774	10.1	21.8
6 20	15 9.24	−15 36.1	1.917	2.776	13.5	22.0

475088 2005 UM_{187} 5 17.2 179°.85 0°.4/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.71	−19 35.6	2.903	3.722	10.1	22.3
4 21	15 54.94	−19 13.6	2.815	3.723	7.7	22.2
5 1	15 48.71	−18 46.8	2.753	3.723	4.9	22.0
5 11	15 41.51	−18 16.3	2.719	3.723	1.9	21.8
5 21	15 33.94	−17 44.2	2.714	3.723	1.3	21.7
5 31	15 26.65	−17 12.7	2.738	3.723	4.3	21.9
6 10	15 20.23	−16 44.6	2.790	3.722	7.2	22.1
6 20	15 15.15	−16 21.8	2.868	3.721	9.7	22.3

399850 2005 UW_{168} 5 17.2 72°.50 1°.2/17.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.89	−22 19.3	1.268	2.116	18.7	21.4
4 21	16 2.17	−22 25.9	1.205	2.126	14.5	21.2
5 1	15 54.12	−22 22.1	1.162	2.135	9.5	20.9
5 11	15 43.78	−22 8.0	1.140	2.144	4.0	20.6
5 21	15 32.58	−21 45.4	1.144	2.154	2.2	20.5
5 31	15 22.16	−21 18.7	1.172	2.164	7.6	20.9
6 10	15 13.93	−20 53.9	1.223	2.173	12.6	21.2
6 20	15 8.74	−20 35.9	1.294	2.183	16.9	21.5

474839 2005 SM_{67} 5 17.2 145°.77 2°.7/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.88	−12 53.7	2.491	3.325	11.1	22.0
4 21	15 54.47	−12 9.8	2.414	3.329	8.4	21.8
5 1	15 48.46	−11 24.0	2.361	3.332	5.5	21.6
5 11	15 41.42	−10 39.2	2.336	3.335	3.0	21.5
5 21	15 34.00	− 9 58.6	2.339	3.338	3.3	21.5
5 31	15 26.92	− 9 25.2	2.370	3.341	6.0	21.7
6 10	15 20.82	− 9 1.4	2.428	3.343	8.8	21.8
6 20	15 16.18	− 8 48.4	2.509	3.346	11.4	22.0

366559 2002 RU_{180} 5 17.2 270°.72 0°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.48	−19 23.0	1.774	2.609	14.8	21.8
4 21	15 59.82	−19 4.1	1.670	2.586	11.4	21.5
5 1	15 52.52	−18 37.3	1.588	2.561	7.4	21.2
5 11	15 43.20	−18 4.1	1.531	2.536	2.9	20.8
5 21	15 32.85	−17 26.9	1.501	2.511	2.1	20.7
5 31	15 22.67	−16 49.8	1.498	2.485	6.9	21.0
6 10	15 13.86	−16 17.8	1.520	2.458	11.5	21.2
6 20	15 7.30	−15 54.9	1.564	2.432	15.6	21.4

254625 2005 JK_{31} 5 17.2 31°.31 1°.3/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.99	−19 14.6	1.182	2.048	18.6	19.9
4 21	15 57.60	−18 39.7	1.127	2.059	14.2	19.6
5 1	15 51.11	−17 55.0	1.091	2.071	9.0	19.4
5 11	15 42.57	−17 4.5	1.077	2.083	3.5	19.1
5 21	15 33.35	−16 13.7	1.087	2.096	2.8	19.1
5 31	15 24.96	−15 29.0	1.121	2.111	8.2	19.4
6 10	15 18.65	−14 55.9	1.176	2.125	13.1	19.8
6 20	15 15.15	−14 37.8	1.251	2.141	17.2	20.0

302331 2002 AF_{95} 5 17.2 132°.74 1°.9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.80	−13 45.2	2.639	3.466	10.7	21.6
4 21	15 55.80	−13 26.7	2.565	3.476	8.1	21.4
5 1	15 49.27	−13 6.9	2.515	3.485	5.3	21.2
5 11	15 41.73	−12 47.7	2.493	3.495	2.5	21.1
5 21	15 33.83	−12 30.9	2.500	3.504	2.5	21.1
5 31	15 26.27	−12 18.7	2.536	3.512	5.2	21.3
6 10	15 19.68	−12 12.8	2.599	3.520	8.1	21.5
6 20	15 14.53	−12 14.3	2.686	3.528	10.6	21.7

5697 Arrhenius 5 17.2 312°.70 6°.0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.75	− 4 14.0	2.176	3.015	12.3	17.3
4 21	15 53.85	− 3 4.8	2.100	3.009	9.8	17.1
5 1	15 48.19	− 1 58.7	2.048	3.003	7.4	17.0
5 11	15 41.35	− 1 1.0	2.022	2.998	6.1	16.9
5 21	15 34.04	− 0 16.0	2.022	2.992	6.8	16.9
5 31	15 27.05	+ 0 12.4	2.049	2.987	8.9	17.0
6 10	15 21.11	+ 0 22.8	2.099	2.981	11.5	17.2
6 20	15 16.75	+ 0 15.4	2.171	2.976	14.0	17.3

195594 2002 JV_{131} 5 17.2 357°.33 1°.4/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.80	−23 24.5	1.749	2.581	15.1	20.4
4 21	15 58.36	−23 30.2	1.669	2.581	11.7	20.2
5 1	15 51.41	−23 26.9	1.611	2.580	7.7	19.9
5 11	15 42.69	−23 14.5	1.577	2.580	3.5	19.7
5 21	15 33.22	−22 54.4	1.570	2.580	2.0	19.6
5 31	15 24.20	−22 29.7	1.589	2.580	6.1	19.8
6 10	15 16.70	−22 4.8	1.634	2.580	10.3	20.1
6 20	15 11.47	−21 43.9	1.700	2.580	13.9	20.3

399100 2014 DF_{47} 5 17.2 79°.89 4°.0/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.41	−31 38.9	2.225	3.020	13.5	21.3
4 21	15 58.42	−32 1.1	2.146	3.027	10.9	21.1
5 1	15 51.24	−32 10.9	2.089	3.034	7.9	21.0
5 11	15 42.57	−32 6.9	2.057	3.042	5.2	20.8
5 21	15 33.31	−31 49.2	2.052	3.049	4.1	20.8
5 31	15 24.48	−31 19.9	2.075	3.056	5.8	20.9
6 10	15 17.00	−30 43.4	2.124	3.063	8.7	21.1
6 20	15 11.50	−30 4.5	2.197	3.071	11.5	21.2

467066 2016 DG_{16} 5 17.2 86°.73 3°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.77	−12 59.0	1.493	2.338	16.6	21.2
4 21	16 1.98	−12 37.3	1.440	2.360	12.6	21.0
5 1	15 53.54	−12 14.7	1.409	2.382	8.2	20.8
5 11	15 43.43	−11 54.4	1.402	2.404	4.0	20.6
5 21	15 32.85	−11 39.6	1.421	2.425	4.0	20.7
5 31	15 23.08	−11 33.5	1.467	2.446	8.0	20.9
6 10	15 15.18	−11 38.2	1.537	2.467	12.0	21.2
6 20	15 9.78	−11 54.2	1.628	2.487	15.5	21.5

103540 2000 BT_{18} 5 17.2 141°.84 3°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.31	−29 45.3	2.283	3.081	13.1	20.3
4 21	15 58.96	−29 51.1	2.202	3.088	10.4	20.1
5 1	15 51.52	−29 45.2	2.144	3.095	7.4	19.9
5 11	15 42.67	−29 26.9	2.111	3.102	4.4	19.8
5 21	15 33.28	−28 56.8	2.106	3.109	3.2	19.7
5 31	15 24.34	−28 17.9	2.130	3.115	5.3	19.8
6 10	15 16.71	−27 34.5	2.180	3.121	8.4	20.0
6 20	15 11.01	−26 51.3	2.255	3.126	11.3	20.2

290958 2005 WC_{181} 5 17.2 282°.01 1°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.20	−13 35.5	2.327	3.157	11.9	20.5
4 21	15 57.34	−13 36.8	2.226	3.139	9.1	20.2
5 1	15 50.55	−13 37.7	2.149	3.120	5.9	20.0
5 11	15 42.34	−13 39.6	2.099	3.102	2.7	19.8
5 21	15 33.44	−13 43.8	2.077	3.083	2.6	19.7
5 31	15 24.70	−13 52.1	2.084	3.064	5.9	19.9
6 10	15 16.96	−14 5.9	2.117	3.046	9.3	20.1
6 20	15 10.86	−14 26.4	2.175	3.027	12.4	20.2

132831 2002 RO_{10} 5 17.2 319°.98 6°.2/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.65	− 6 58.9	1.615	2.471	15.0	19.6
4 21	15 55.30	− 6 4.4	1.530	2.452	11.8	19.4
5 1	15 49.53	− 5 11.4	1.466	2.433	8.6	19.2
5 11	15 42.00	− 4 25.8	1.426	2.415	6.3	19.0
5 21	15 33.64	− 3 53.3	1.411	2.397	7.0	19.0
5 31	15 25.57	− 3 38.4	1.420	2.380	10.1	19.1
6 10	15 18.86	− 3 43.7	1.452	2.364	13.8	19.3
6 20	15 14.28	− 4 8.7	1.503	2.348	17.3	19.4

187019 2004 YU_{36} 5 17.2 185°.84 2°.7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.16	− 5 35.5	4.714	5.537	6.4	20.4
4 21	15 48.74	− 5 9.7	4.634	5.537	5.0	20.3
5 1	15 44.55	− 4 45.8	4.580	5.536	3.6	20.2
5 11	15 39.86	− 4 25.3	4.554	5.536	2.7	20.1
5 21	15 34.99	− 4 9.7	4.558	5.536	3.0	20.1
5 31	15 30.25	− 4 0.1	4.590	5.535	4.2	20.2
6 10	15 25.96	− 3 57.0	4.649	5.535	5.6	20.3
6 20	15 22.37	− 4 0.9	4.733	5.534	7.0	20.4

61185 2000 NS_{26} 5 17.2 273°.49 4°.1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.33	−32 36.1	2.265	3.057	13.4	19.6
4 21	15 57.72	−32 43.9	2.166	3.045	10.9	19.4
5 1	15 50.90	−32 38.1	2.089	3.033	8.0	19.2
5 11	15 42.49	−32 17.4	2.037	3.021	5.3	19.0
5 21	15 33.37	−31 41.9	2.012	3.008	4.1	18.9
5 31	15 24.56	−30 54.2	2.014	2.996	5.9	19.0
6 10	15 17.01	−29 59.0	2.042	2.983	8.9	19.1
6 20	15 11.42	−29 1.9	2.095	2.971	11.9	19.3

268990 2007 EG_{91} 5 17.2 132°.20 5°.7/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.91	− 3 9.7	2.182	3.005	12.8	21.0
4 21	15 59.08	− 2 30.2	2.120	3.020	10.1	20.9
5 1	15 51.41	− 1 56.4	2.083	3.035	7.5	20.7
5 11	15 42.58	− 1 32.5	2.072	3.049	5.9	20.7
5 21	15 33.38	− 1 21.3	2.089	3.062	6.3	20.7
5 31	15 24.67	− 1 24.8	2.133	3.075	8.4	20.9
6 10	15 17.20	− 1 43.2	2.202	3.087	11.0	21.0
6 20	15 11.47	− 2 15.4	2.294	3.098	13.4	21.2

237539 2000 TT_{24} 5 17.2 248°.54 0°.0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.55	−19 52.4	2.605	3.425	11.1	21.0
4 21	15 56.67	−19 49.8	2.504	3.411	8.5	20.8
5 1	15 50.01	−19 42.5	2.427	3.396	5.5	20.6
5 11	15 42.10	−19 31.2	2.377	3.381	2.2	20.4
5 21	15 33.62	−19 17.0	2.356	3.366	1.3	20.3
5 31	15 25.32	−19 1.9	2.364	3.351	4.8	20.5
6 10	15 17.96	−18 48.5	2.400	3.335	8.0	20.7
6 20	15 12.11	−18 38.9	2.460	3.319	10.9	20.8

363493 2003 TQ_{11} 5 17.2 206°.26 1°.6/16.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.17	−17 31.8	2.116	2.943	13.0	22.4
4 21	15 59.65	−16 50.9	2.025	2.937	10.0	22.2
5 1	15 52.01	−16 3.5	1.958	2.930	6.4	22.0
5 11	15 42.89	−15 12.2	1.918	2.922	2.7	21.7
5 21	15 33.16	−14 20.4	1.906	2.913	2.5	21.7
5 31	15 23.78	−13 32.3	1.923	2.903	6.3	21.9
6 10	15 15.66	−12 52.1	1.967	2.893	10.0	22.1
6 20	15 9.43	−12 22.7	2.034	2.881	13.3	22.3

163156 2002 CX_{130} 5 17.2 200°.33 0°.9/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.99	−23 29.0	1.670	2.500	15.8	20.9
4 21	16 0.92	−23 13.4	1.587	2.498	12.3	20.6
5 1	15 53.12	−22 46.5	1.525	2.495	8.1	20.4
5 11	15 43.39	−22 9.0	1.489	2.492	3.4	20.1
5 21	15 32.87	−21 23.5	1.478	2.488	1.9	20.0
5 31	15 22.83	−20 34.5	1.495	2.484	6.6	20.2
6 10	15 14.47	−19 47.9	1.537	2.480	11.0	20.5
6 20	15 8.57	−19 8.8	1.601	2.475	14.9	20.7

160681 2000 DR_{23} 5 17.2 230°.12 5°.9/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.82	−38 26.1	2.511	3.264	13.2	20.6
4 21	16 1.15	−38 56.5	2.408	3.253	11.2	20.5
5 1	15 53.13	−39 12.3	2.327	3.241	8.9	20.3
5 11	15 43.39	−39 10.5	2.271	3.228	6.8	20.1
5 21	15 32.85	−38 50.0	2.241	3.215	5.9	20.1
5 31	15 22.59	−38 11.9	2.239	3.201	6.9	20.1
6 10	15 13.63	−37 20.7	2.263	3.187	9.0	20.2
6 20	15 6.71	−36 21.9	2.312	3.172	11.5	20.3

134525 1999 RW_{21} 5 17.2 239°.21 2°.0/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.82	−15 52.5	1.826	2.663	14.4	20.6
4 21	15 59.81	−15 25.0	1.734	2.650	11.0	20.4
5 1	15 52.35	−14 52.6	1.664	2.637	7.2	20.1
5 11	15 43.11	−14 17.9	1.620	2.623	3.2	19.9
5 21	15 33.04	−13 44.0	1.603	2.609	3.0	19.8
5 31	15 23.27	−13 15.1	1.613	2.594	7.1	20.0
6 10	15 14.88	−12 54.8	1.649	2.579	11.3	20.2
6 20	15 8.64	−12 45.8	1.706	2.563	15.0	20.4

459144 2012 CU_{36} 5 17.2 114°.44 5°.6/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.41	− 8 32.7	1.564	2.413	15.7	20.9
4 21	15 58.74	− 7 36.9	1.498	2.418	12.2	20.7
5 1	15 51.58	− 6 42.6	1.454	2.423	8.5	20.5
5 11	15 42.75	− 5 55.2	1.435	2.427	5.8	20.4
5 21	15 33.30	− 5 20.1	1.441	2.432	6.4	20.4
5 31	15 24.43	− 5 1.4	1.472	2.436	9.6	20.6
6 10	15 17.15	− 5 1.0	1.527	2.440	13.2	20.8
6 20	15 12.16	− 5 18.6	1.602	2.444	16.5	21.0

136625 1994 PW_{15} 5 17.2 205°.95 1°.8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.38	−16 1.2	2.142	2.971	12.8	21.1
4 21	15 59.03	−15 29.4	2.053	2.965	9.8	20.9
5 1	15 51.61	−14 53.1	1.988	2.959	6.3	20.6
5 11	15 42.75	−14 14.6	1.949	2.952	2.8	20.4
5 21	15 33.28	−13 36.9	1.939	2.945	2.7	20.4
5 31	15 24.15	−13 3.8	1.957	2.936	6.3	20.6
6 10	15 16.24	−12 38.4	2.002	2.927	9.9	20.8
6 20	15 10.16	−12 23.0	2.070	2.918	13.1	21.0

476382 2008 CO_{54} 5 17.2 129°.00 8°.0/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.29	+ 4 45.6	2.382	3.197	12.1	21.2
4 21	15 54.79	+ 5 51.9	2.322	3.202	10.2	21.1
5 1	15 48.68	+ 6 48.4	2.286	3.206	8.7	21.0
5 11	15 41.54	+ 7 30.0	2.274	3.211	8.0	21.0
5 21	15 34.04	+ 7 53.3	2.288	3.215	8.6	21.0
5 31	15 26.90	+ 7 56.1	2.327	3.219	10.1	21.1
6 10	15 20.78	+ 7 38.7	2.389	3.223	12.0	21.3
6 20	15 16.15	+ 7 3.0	2.471	3.227	13.8	21.4

7027 Toshihanda 5 17.2 129°.57 1°.3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.34	−13 47.5	3.679	4.500	8.1	18.5
4 21	15 52.82	−13 38.3	3.603	4.511	6.1	18.3
5 1	15 47.22	−13 28.2	3.552	4.521	3.9	18.2
5 11	15 40.94	−13 18.5	3.529	4.531	1.8	18.0
5 21	15 34.40	−13 10.4	3.537	4.541	1.8	18.1
5 31	15 28.08	−13 5.2	3.574	4.551	3.9	18.2
6 10	15 22.43	−13 4.0	3.640	4.560	6.0	18.4
6 20	15 17.76	−13 7.5	3.731	4.569	8.0	18.5

325833 2010 SU_{29} 5 17.3 218°.57 1°.8/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.61	−16 48.5	1.967	2.799	13.7	22.0
4 21	15 59.43	−16 11.8	1.876	2.791	10.5	21.8
5 1	15 51.97	−15 29.1	1.809	2.781	6.7	21.5
5 11	15 42.92	−14 43.1	1.768	2.772	2.9	21.3
5 21	15 33.18	−13 57.3	1.755	2.761	2.8	21.2
5 31	15 23.79	−13 16.0	1.770	2.750	6.7	21.4
6 10	15 15.70	−12 43.1	1.811	2.739	10.6	21.6
6 20	15 9.63	−12 21.5	1.874	2.726	14.1	21.8

296340 2009 FO 5 17.3 134°.29 19°.0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.82	+18 50.4	1.274	2.067	21.8	20.6
4 21	16 3.21	+21 8.3	1.245	2.077	20.2	20.5
5 1	15 54.53	+22 54.1	1.232	2.087	19.2	20.4
5 11	15 43.89	+23 55.9	1.237	2.096	19.0	20.4
5 21	15 32.69	+24 7.2	1.259	2.104	19.7	20.5
5 31	15 22.44	+23 27.8	1.298	2.112	21.1	20.6
6 10	15 14.36	+22 4.1	1.352	2.119	22.7	20.8
6 20	15 9.13	+20 5.7	1.420	2.125	24.3	20.9

252198 2001 FK_{65} 5 17.3 58°.54 1°.8/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.86	−16 23.9	1.376	2.229	17.3	20.1
4 21	16 0.15	−16 9.5	1.319	2.243	13.1	19.9
5 1	15 52.60	−15 50.6	1.281	2.258	8.4	19.7
5 11	15 43.16	−15 30.0	1.268	2.273	3.5	19.4
5 21	15 33.10	−15 10.7	1.279	2.287	3.0	19.4
5 31	15 23.79	−14 56.7	1.316	2.302	7.7	19.8
6 10	15 16.40	−14 51.3	1.376	2.318	12.2	20.0
6 20	15 11.63	−14 56.4	1.457	2.333	16.0	20.3

342688 2008 VZ_{60} 5 17.3 101°.50 1°.3/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.64	−18 1.5	1.977	2.814	13.4	21.3
4 21	15 57.00	−17 28.7	1.904	2.821	10.2	21.1
5 1	15 50.29	−16 50.1	1.854	2.827	6.5	20.9
5 11	15 42.23	−16 8.1	1.829	2.834	2.6	20.7
5 21	15 33.67	−15 26.0	1.832	2.841	2.3	20.6
5 31	15 25.58	−14 47.8	1.863	2.847	6.1	20.9
6 10	15 18.80	−14 17.1	1.920	2.853	9.8	21.1
6 20	15 13.93	−13 56.3	1.999	2.860	13.0	21.3

48780 1997 RA_2 5 17.3 240°.56 0°.4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.31	−21 26.0	2.340	3.161	12.1	20.0
4 21	15 57.44	−21 21.1	2.244	3.151	9.3	19.8
5 1	15 50.60	−21 9.7	2.171	3.140	6.1	19.5
5 11	15 42.38	−20 52.6	2.125	3.129	2.5	19.3
5 21	15 33.54	−20 31.0	2.108	3.118	1.4	19.2
5 31	15 24.95	−20 7.5	2.118	3.106	5.1	19.4
6 10	15 17.44	−19 45.2	2.156	3.094	8.6	19.6
6 20	15 11.65	−19 27.0	2.218	3.082	11.7	19.8

274098 2008 CA_{149} 5 17.3 55°.22 0°.2/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.66	−21 50.5	1.418	2.265	17.2	20.7
4 21	15 59.29	−21 30.4	1.355	2.276	13.2	20.5
5 1	15 52.08	−20 59.6	1.314	2.288	8.5	20.3
5 11	15 42.98	−20 20.1	1.295	2.300	3.4	20.0
5 21	15 33.24	−19 35.5	1.302	2.313	1.9	19.9
5 31	15 24.23	−18 51.2	1.334	2.325	7.0	20.3
6 10	15 17.12	−18 12.8	1.390	2.338	11.6	20.6
6 20	15 12.61	−17 44.6	1.468	2.351	15.5	20.8

913 Otila 5 17.3 323°.37 4°.1/15.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.17	−12 5.9	1.100	1.974	19.1	14.6
4 21	15 58.43	−11 50.8	1.021	1.957	14.9	14.2
5 1	15 52.20	−11 35.7	0.961	1.940	10.0	13.9
5 11	15 43.27	−11 25.0	0.922	1.924	5.2	13.6
5 21	15 32.95	−11 23.0	0.904	1.909	5.2	13.5
5 31	15 22.96	−11 33.9	0.909	1.895	10.3	13.7
6 10	15 14.98	−12 0.3	0.934	1.882	15.8	14.0
6 20	15 10.14	−12 42.6	0.977	1.870	20.7	14.2

300930 2008 CQ_{77} 5 17.3 122°.53 3°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.53	−31 51.2	2.394	3.184	12.8	20.9
4 21	15 58.41	−32 13.5	2.311	3.189	10.3	20.7
5 1	15 51.22	−32 24.2	2.251	3.194	7.6	20.5
5 11	15 42.61	−32 21.6	2.216	3.199	5.0	20.4
5 21	15 33.43	−32 6.0	2.208	3.203	4.0	20.3
5 31	15 24.61	−31 39.2	2.228	3.208	5.6	20.4
6 10	15 17.05	−31 5.0	2.275	3.212	8.3	20.6
6 20	15 11.35	−30 28.0	2.346	3.217	10.9	20.8

281468 2008 SE_{187} 5 17.3 171°.94 0°.9/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.63	−19 33.6	2.002	2.836	13.4	21.1
4 21	15 57.04	−18 54.1	1.922	2.837	10.2	20.9
5 1	15 50.35	−18 7.0	1.865	2.838	6.5	20.7
5 11	15 42.27	−17 14.6	1.834	2.838	2.6	20.5
5 21	15 33.65	−16 20.6	1.830	2.839	2.1	20.4
5 31	15 25.46	−15 29.4	1.854	2.839	6.0	20.7
6 10	15 18.58	−14 45.4	1.905	2.839	9.8	20.9
6 20	15 13.60	−14 11.7	1.978	2.839	13.1	21.1

498746 2008 TH_{166} 5 17.3 165°.30 0°.8/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.04	−17 51.8	2.668	3.486	10.9	23.3
4 21	15 57.56	−17 36.3	2.585	3.492	8.3	23.2
5 1	15 50.45	−17 16.8	2.528	3.497	5.3	23.0
5 11	15 42.26	−16 54.7	2.498	3.502	2.1	22.8
5 21	15 33.66	−16 31.7	2.498	3.506	1.6	22.7
5 31	15 25.39	−16 10.2	2.527	3.510	4.8	22.9
6 10	15 18.12	−15 52.5	2.584	3.513	7.8	23.1
6 20	15 12.34	−15 40.6	2.666	3.515	10.5	23.3

478051 2011 SU_{268} 5 17.3 182°.71 1°.8/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.03	−25 26.1	2.618	3.423	11.4	21.8
4 21	15 57.78	−25 40.8	2.529	3.423	8.9	21.6
5 1	15 50.71	−25 48.1	2.464	3.423	6.0	21.4
5 11	15 42.40	−25 47.8	2.425	3.423	3.1	21.2
5 21	15 33.56	−25 40.1	2.416	3.423	2.0	21.1
5 31	15 24.99	−25 26.7	2.435	3.422	4.6	21.3
6 10	15 17.46	−25 10.4	2.482	3.421	7.6	21.5
6 20	15 11.53	−24 54.1	2.554	3.419	10.3	21.7

20691 1999 VY_{72} 5 17.3 252°.73 10°.6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.98	+ 8 51.6	2.032	2.829	14.6	18.0
4 21	16 1.20	+ 9 55.9	1.945	2.806	12.7	17.8
5 1	15 53.15	+10 47.3	1.879	2.782	11.2	17.7
5 11	15 43.43	+11 18.5	1.837	2.757	10.6	17.6
5 21	15 32.91	+11 24.4	1.819	2.731	11.3	17.6
5 31	15 22.61	+11 1.9	1.826	2.705	13.1	17.6
6 10	15 13.51	+10 11.6	1.855	2.677	15.4	17.7
6 20	15 6.34	+ 8 57.1	1.904	2.649	17.7	17.8

321873 2010 RA_{177} 5 17.3 316°.94 2°.3/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.16	−16 24.4	1.404	2.261	16.8	20.9
4 21	15 58.34	−15 51.0	1.327	2.254	12.9	20.6
5 1	15 51.64	−15 11.2	1.271	2.248	8.3	20.4
5 11	15 42.90	−14 28.5	1.238	2.243	3.6	20.1
5 21	15 33.26	−13 47.5	1.230	2.237	3.5	20.0
5 31	15 24.11	−13 13.5	1.246	2.232	8.2	20.3
6 10	15 16.70	−12 51.2	1.286	2.227	13.0	20.5
6 20	15 11.87	−12 43.3	1.346	2.222	17.1	20.8

347360 2012 QU_{41} 5 17.3 232.°72 5.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.27	− 4 22.6	2.208	3.040	12.4	21.1
4 21	15 56.56	− 3 26.0	2.125	3.031	9.9	20.9
5 1	15 49.99	− 2 32.7	2.066	3.021	7.4	20.7
5 11	15 42.14	− 1 47.2	2.032	3.010	5.8	20.6
5 21	15 33.74	− 1 13.7	2.026	2.999	6.5	20.6
5 31	15 25.63	− 0 55.5	2.046	2.988	8.7	20.7
6 10	15 18.59	− 0 54.1	2.091	2.976	11.4	20.9
6 20	15 13.19	− 1 9.2	2.158	2.964	14.1	21.0

32501 2000 YV_{135} 5 17.3 0.°87 0.°2/17.4 18

4 11	15 58.36	−19 0.3	4.043	4.852	7.6	17.9
4 21	15 53.62	−19 22.4	3.951	4.852	5.8	17.8
5 1	15 47.78	−19 42.4	3.885	4.852	3.7	17.6
5 11	15 41.21	−20 0.5	3.848	4.852	1.5	17.5
5 21	15 34.31	−20 16.9	3.842	4.852	0.9	17.4
5 31	15 27.56	−20 32.3	3.867	4.852	3.1	17.6
6 10	15 21.38	−20 47.4	3.920	4.853	5.3	17.7
6 20	15 16.13	−21 3.1	4.000	4.853	7.2	17.9

161751 2006 SU_{287} 5 17.3 222.°67 1.°7/16.5 18

4 11	16 7.20	−14 47.9	2.105	2.930	13.2	20.3
4 21	16 1.35	−14 45.3	2.009	2.919	10.1	20.1
5 1	15 53.23	−14 40.9	1.937	2.907	6.6	19.9
5 11	15 43.47	−14 36.0	1.892	2.895	2.8	19.6
5 21	15 32.94	−14 32.3	1.875	2.882	2.5	19.5
5 31	15 22.64	−14 31.8	1.887	2.868	6.3	19.8
6 10	15 13.56	−14 36.8	1.925	2.853	10.1	20.0
6 20	15 6.43	−14 48.7	1.988	2.838	13.5	20.1

117495 2005 CY_{19} 5 17.3 3.°63 1.°2/17.7 17

4 11	16 0.45	−21 36.8	1.111	1.979	19.5	19.1
4 21	15 57.75	−21 52.0	1.046	1.977	15.1	18.8
5 1	15 51.61	−21 57.6	0.999	1.977	9.9	18.5
5 11	15 42.97	−21 53.5	0.973	1.978	4.2	18.2
5 21	15 33.25	−21 41.3	0.970	1.980	2.3	18.1
5 31	15 24.18	−21 25.1	0.989	1.984	8.0	18.4
6 10	15 17.31	−21 10.5	1.029	1.989	13.4	18.7
6 20	15 13.56	−21 2.3	1.089	1.994	18.0	19.0

42997 1999 UM_1 5 17.3 348.°23 1.°4/16.8 18

4 11	16 1.41	−16 0.0	1.150	2.021	18.8	18.1
4 21	15 58.40	−16 10.8	1.079	2.013	14.5	17.8
5 1	15 52.03	−16 19.3	1.026	2.006	9.4	17.5
5 11	15 43.15	−16 26.9	0.995	2.001	3.8	17.1
5 21	15 33.11	−16 35.6	0.987	1.997	2.9	17.1
5 31	15 23.57	−16 47.9	1.001	1.993	8.5	17.4
6 10	15 16.07	−17 6.7	1.037	1.991	13.9	17.7
6 20	15 11.61	−17 34.0	1.092	1.990	18.6	17.9

169849 2002 RQ_{23} 5 17.3 196.°89 1.°0/16.7 17

4 11	16 1.62	−18 1.7	2.281	3.110	12.1	20.9
4 21	15 56.83	−17 38.9	2.196	3.108	9.2	20.7
5 1	15 50.15	−17 11.0	2.134	3.106	5.9	20.5
5 11	15 42.20	−16 40.0	2.100	3.104	2.4	20.2
5 21	15 33.73	−16 8.2	2.093	3.102	1.9	20.2
5 31	15 25.60	−15 38.6	2.115	3.099	5.5	20.4
6 10	15 18.59	−15 14.3	2.164	3.096	8.9	20.6
6 20	15 13.26	−14 57.7	2.236	3.093	11.9	20.8

368425 2002 UM_2 5 17.3 295.°62 11.°7/24.6 18

4 11	16 9.25	−48 45.3	1.638	2.370	20.0	20.0
4 21	16 4.99	−49 13.2	1.529	2.342	18.0	19.8
5 1	15 56.62	−49 11.6	1.436	2.314	15.6	19.6
5 11	15 45.06	−48 32.0	1.362	2.286	13.3	19.3
5 21	15 31.94	−47 8.4	1.309	2.257	11.9	19.2
5 31	15 19.39	−45 2.0	1.280	2.229	12.1	19.1
6 10	15 9.37	−42 22.6	1.274	2.201	14.2	19.1
6 20	15 3.08	−39 25.5	1.290	2.173	17.3	19.3

434767 2006 JR_{33} 5 17.3 13.°31 0.°9/16.8 17

4 11	16 1.00	−19 14.3	1.818	2.659	14.3	21.3
4 21	15 56.79	−18 45.4	1.741	2.660	10.9	21.1
5 1	15 50.31	−18 9.3	1.686	2.660	7.0	20.9
5 11	15 42.30	−17 28.2	1.656	2.661	2.7	20.6
5 21	15 33.69	−16 45.4	1.653	2.662	2.1	20.6
5 31	15 25.52	−16 5.3	1.677	2.664	6.3	20.8
6 10	15 18.76	−15 32.0	1.726	2.665	10.3	21.1
6 20	15 14.05	−15 8.7	1.797	2.667	13.8	21.3

54684 2001 CS_{20} 5 17.3 136.°47 19.°7/12.9 18

4 11	16 14.08	+21 25.2	1.203	1.981	23.6	18.7
4 21	16 7.53	+22 40.6	1.160	1.985	21.8	18.6
5 1	15 57.48	+23 19.8	1.133	1.988	20.4	18.5
5 11	15 45.12	+23 11.0	1.122	1.992	19.8	18.4
5 21	15 32.06	+22 8.4	1.129	1.995	20.1	18.5
5 31	15 20.03	+20 13.7	1.153	1.998	21.3	18.6
6 10	15 10.45	+17 35.9	1.195	2.000	23.1	18.7
6 20	15 4.11	+14 27.8	1.253	2.003	25.0	18.9

160499 2007 DZ_6 5 17.3 41.°23 8.°3/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.82	− 1 0.4	1.492	2.339	16.5	20.4
4 21	15 58.30	− 0 12.6	1.438	2.348	13.3	20.2
5 1	15 51.30	+ 0 24.9	1.404	2.357	10.3	20.1
5 11	15 42.67	+ 0 45.8	1.393	2.367	8.4	20.0
5 21	15 33.50	+ 0 45.9	1.406	2.377	8.9	20.0
5 31	15 24.96	+ 0 23.2	1.443	2.388	11.4	20.2
6 10	15 18.07	− 0 21.0	1.503	2.399	14.4	20.4
6 20	15 13.46	− 1 23.5	1.581	2.410	17.3	20.6

508456 2016 NA_{17} 5 17.3 344.°00 0.°9/16.7 17

4 11	15 54.15	−22 41.4	1.222	2.092	17.9	20.4
4 21	15 52.67	−21 35.0	1.142	2.076	13.8	20.1
5 1	15 48.22	−20 9.5	1.082	2.062	8.9	19.7
5 11	15 41.62	−18 29.3	1.044	2.050	3.4	19.4
5 21	15 34.08	−16 42.1	1.029	2.039	2.7	19.3
5 31	15 27.06	−14 58.5	1.038	2.030	8.4	19.6
6 10	15 21.86	−13 28.9	1.069	2.022	13.7	19.9
6 20	15 19.33	−12 19.9	1.119	2.016	18.3	20.1

505370 2013 HN_{37} 5 17.3 284.°52 15.°3/17.3 17

4 11	16 23.85	−45 55.4	1.621	2.348	20.4	21.6
4 21	16 18.10	−48 46.1	1.513	2.316	18.6	21.4
5 1	16 6.82	−51 27.6	1.425	2.284	16.8	21.2
5 11	15 49.93	−53 45.1	1.358	2.251	15.5	21.0
5 21	15 28.54	−55 22.8	1.313	2.217	15.4	20.9
5 31	15 5.43	−56 9.9	1.291	2.183	16.6	20.8
6 10	14 44.31	−56 7.9	1.290	2.148	18.8	20.9
6 20	14 28.20	−55 28.8	1.306	2.113	21.4	20.9

507050 2008 UU_{314} 5 17.3 257.°55 2.°1/18.5 17

4 11	16 3.29	−26 18.7	2.037	2.854	13.8	22.2
4 21	15 58.59	−26 18.5	1.941	2.842	10.9	22.0
5 1	15 51.56	−26 7.6	1.868	2.830	7.4	21.8
5 11	15 42.84	−25 45.5	1.820	2.818	3.8	21.5
5 21	15 33.36	−25 13.4	1.798	2.806	2.4	21.4
5 31	15 24.18	−24 34.2	1.805	2.794	5.7	21.6
6 10	15 16.31	−23 52.6	1.838	2.781	9.5	21.8
6 20	15 10.50	−23 13.4	1.894	2.769	13.0	22.0

376702 2013 RU_2 5 17.3 271.°72 1.°6/16.4 17

4 11	16 3.31	−17 22.2	1.734	2.575	14.8	21.4
4 21	15 58.90	−16 53.6	1.637	2.556	11.4	21.1
5 1	15 51.92	−16 18.3	1.562	2.537	7.4	20.8
5 11	15 43.04	−15 38.6	1.513	2.517	3.1	20.5
5 21	15 33.22	−14 58.0	1.489	2.497	2.8	20.4
5 31	15 23.65	−14 20.9	1.493	2.477	7.3	20.7
6 10	15 15.48	−13 52.1	1.521	2.457	11.7	20.9
6 20	15 9.53	−13 34.7	1.571	2.436	15.7	21.1

499636 2010 VS_{15} 5 17.3 239.°71 2.°1/18.4 17

4 11	16 5.37	−26 26.5	1.773	2.594	15.4	21.8
4 21	16 0.49	−26 16.4	1.680	2.584	12.1	21.5
5 1	15 52.93	−25 53.2	1.609	2.573	8.2	21.3
5 11	15 43.41	−25 16.5	1.562	2.562	4.1	21.0
5 21	15 33.02	−24 28.1	1.541	2.550	2.4	20.8
5 31	15 23.00	−23 32.2	1.548	2.538	6.3	21.1
6 10	15 14.56	−22 35.1	1.580	2.526	10.6	21.3
6 20	15 8.49	−21 42.7	1.635	2.513	14.5	21.5

90389 2003 WQ_{153} 5 17.3 262.°87 4.°7/14.7 18 R

4 11	16 2.12	− 7 29.3	2.094	2.930	12.8	19.5
4 21	15 57.42	− 6 54.8	2.002	2.914	10.0	19.3
5 1	15 50.67	− 6 22.2	1.934	2.898	7.1	19.1
5 11	15 42.47	− 5 55.3	1.891	2.882	4.9	18.9
5 21	15 33.60	− 5 37.6	1.876	2.865	5.3	18.9
5 31	15 24.96	− 5 31.9	1.888	2.848	8.0	19.0
6 10	15 17.43	− 5 40.1	1.924	2.831	11.2	19.2
6 20	15 11.67	− 6 2.1	1.983	2.814	14.2	19.3

501333 2013 XJ_{14} 5 17.3 182.°78 0.°7/17.7 17

4 11	16 3.76	−23 14.2	2.483	3.295	11.8	23.0
4 21	15 58.34	−22 57.9	2.395	3.296	9.1	22.8
5 1	15 51.08	−22 33.6	2.330	3.296	5.9	22.6
5 11	15 42.57	−22 2.1	2.293	3.295	2.5	22.4
5 21	15 33.58	−21 25.3	2.284	3.294	1.4	22.3
5 31	15 24.93	−20 46.1	2.305	3.293	4.8	22.5
6 10	15 17.40	−20 8.1	2.354	3.290	8.1	22.7
6 20	15 11.53	−19 34.6	2.427	3.287	11.0	22.9

264413 2000 LU_{28} 5 17.3 326.°65 12.°5/10.9 18

4 11	15 58.17	+ 3 58.0	1.280	2.136	18.2	19.0
4 21	15 55.60	+ 5 20.1	1.202	2.109	15.6	18.8
5 1	15 50.12	+ 6 29.8	1.142	2.082	13.4	18.6
5 11	15 42.42	+ 7 16.3	1.102	2.057	12.5	18.4
5 21	15 33.60	+ 7 30.6	1.083	2.033	13.5	18.4
5 31	15 25.03	+ 7 7.2	1.084	2.010	16.1	18.5
6 10	15 18.06	+ 6 6.3	1.104	1.988	19.4	18.6
6 20	15 13.67	+ 4 32.6	1.139	1.968	22.7	18.7

140273 2001 ST_{273} 5 17.3 299°.86 1°.1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.49	−23 5.5	2.029	2.856	13.5	20.5
4 21	15 57.16	−23 7.3	1.938	2.847	10.5	20.3
5 1	15 50.60	−23 1.2	1.869	2.837	6.9	20.0
5 11	15 42.47	−22 47.2	1.825	2.828	3.1	19.8
5 21	15 33.62	−22 26.7	1.809	2.819	1.7	19.7
5 31	15 25.06	−22 2.4	1.819	2.809	5.6	19.9
6 10	15 17.76	−21 38.0	1.856	2.800	9.4	20.1
6 20	15 12.41	−21 17.1	1.916	2.791	12.8	20.3

258205 2001 ST_{326} 5 17.3 95°.63 3°.2/18.9 18

4 11	16 5.85	−28 9.9	1.720	2.538	15.9	20.1
4 21	16 0.77	−28 21.6	1.648	2.547	12.6	19.9
5 1	15 53.00	−28 20.0	1.597	2.556	8.7	19.6
5 11	15 43.40	−28 4.3	1.570	2.565	4.9	19.4
5 21	15 33.10	−27 35.2	1.569	2.574	3.4	19.4
5 31	15 23.40	−26 56.4	1.594	2.583	6.4	19.6
6 10	15 15.43	−26 13.6	1.645	2.591	10.2	19.8
6 20	15 9.91	−25 32.5	1.719	2.600	13.8	20.0

476374 2008 CS_{35} 5 17.3 150°.57 4°.0/20.1 18

4 11	16 3.63	−33 13.3	2.607	3.386	12.2	21.9
4 21	15 58.35	−33 30.2	2.521	3.391	9.9	21.7
5 1	15 51.14	−33 35.2	2.459	3.396	7.3	21.5
5 11	15 42.62	−33 26.9	2.422	3.401	5.0	21.4
5 21	15 33.57	−33 5.5	2.413	3.405	4.0	21.3
5 31	15 24.88	−32 33.0	2.432	3.409	5.4	21.4
6 10	15 17.37	−31 53.2	2.478	3.413	7.8	21.6
6 20	15 11.60	−31 10.3	2.549	3.417	10.3	21.8

519049 2010 KO_{50} 5 17.3 335°.48 4°.7/19.5 16

4 11	16 5.41	−31 48.8	2.249	3.039	13.5	21.3
4 21	16 0.16	−32 39.3	2.161	3.037	11.0	21.1
5 1	15 52.57	−33 19.3	2.096	3.036	8.2	20.9
5 11	15 43.26	−33 45.9	2.056	3.035	5.7	20.7
5 21	15 33.16	−33 57.7	2.043	3.033	4.8	20.7
5 31	15 23.32	−33 55.4	2.057	3.032	6.4	20.8
6 10	15 14.78	−33 42.3	2.098	3.031	9.1	20.9
6 20	15 8.28	−33 23.0	2.162	3.030	11.8	21.1

140342 2001 TG_{8} 5 17.3 237°.32 2°.4/18.9 18

4 11	16 1.82	−28 25.7	2.412	3.215	12.3	20.3
4 21	15 57.09	−28 19.1	2.316	3.208	9.8	20.1
5 1	15 50.40	−28 1.4	2.244	3.200	6.8	19.9
5 11	15 42.35	−27 32.5	2.197	3.193	3.7	19.7
5 21	15 33.73	−26 53.6	2.179	3.184	2.5	19.6
5 31	15 25.42	−26 7.5	2.189	3.176	5.0	19.7
6 10	15 18.24	−25 18.5	2.226	3.168	8.2	19.9
6 20	15 12.81	−24 30.9	2.287	3.159	11.1	20.1

99462 2002 CE_{83} 5 17.3 195°.77 1°.3/17.9 18

4 11	16 7.76	−23 32.5	1.850	2.670	14.9	20.5
4 21	16 2.10	−23 31.9	1.763	2.668	11.6	20.3
5 1	15 53.86	−23 21.7	1.698	2.665	7.7	20.0
5 11	15 43.77	−23 2.0	1.659	2.661	3.4	19.8
5 21	15 32.88	−22 34.1	1.647	2.657	1.9	19.6
5 31	15 22.41	−22 1.3	1.663	2.652	6.1	19.9
6 10	15 13.48	−21 28.4	1.705	2.646	10.3	20.1
6 20	15 6.86	−20 59.8	1.771	2.640	14.0	20.3

14569 1998 QB_{32} 5 17.3 237°.35 2°.8/19.9 18

4 11	15 58.80	−32 59.6	4.046	4.813	8.4	19.4
4 21	15 54.13	−33 9.8	3.936	4.799	6.8	19.3
5 1	15 48.22	−33 12.1	3.851	4.785	5.1	19.2
5 11	15 41.45	−33 5.9	3.794	4.770	3.5	19.0
5 21	15 34.29	−32 51.2	3.765	4.756	2.8	19.0
5 31	15 27.28	−32 29.3	3.765	4.741	3.8	19.0
6 10	15 20.92	−32 2.0	3.794	4.725	5.5	19.1
6 20	15 15.62	−31 31.8	3.850	4.710	7.3	19.2

293699 2007 PN_{42} 5 17.3 230°.86 3°.0/19.2 18

4 11	16 4.96	−30 3.3	2.710	3.496	11.6	22.0
4 21	15 59.40	−30 16.1	2.603	3.482	9.3	21.8
5 1	15 51.88	−30 19.0	2.519	3.467	6.7	21.6
5 11	15 42.96	−30 10.7	2.463	3.451	4.1	21.4
5 21	15 33.38	−29 51.4	2.434	3.434	3.1	21.3
5 31	15 23.99	−29 22.6	2.435	3.417	5.0	21.4
6 10	15 15.62	−28 47.8	2.464	3.399	7.8	21.6
6 20	15 8.92	−28 10.8	2.518	3.381	10.5	21.7

313689 2003 SW_{371} 5 17.3 97°.55 1°.2/17.9 16

4 11	16 7.07	−23 22.3	1.568	2.400	16.5	21.8
4 21	16 1.72	−23 20.1	1.503	2.415	12.8	21.6
5 1	15 53.60	−23 7.4	1.459	2.429	8.4	21.3
5 11	15 43.64	−22 44.7	1.440	2.443	3.6	21.1
5 21	15 33.04	−22 14.0	1.447	2.457	2.0	21.0
5 31	15 23.14	−21 39.6	1.480	2.470	6.5	21.3
6 10	15 15.10	−21 6.7	1.538	2.483	10.9	21.6
6 20	15 9.61	−20 39.9	1.618	2.496	14.6	21.9

140811 2001 UC_{159} 5 17.3 111°.27 1°.0/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.56	−17 19.9	2.527	3.351	11.2	21.1
4 21	15 56.49	−17 2.1	2.456	3.367	8.5	21.0
5 1	15 49.80	−16 40.8	2.411	3.382	5.4	20.8
5 11	15 42.07	−16 17.4	2.392	3.397	2.2	20.6
5 21	15 34.00	−15 54.0	2.403	3.411	1.8	20.6
5 31	15 26.32	−15 33.0	2.442	3.425	4.9	20.8
6 10	15 19.69	−15 16.7	2.509	3.439	7.9	21.0
6 20	15 14.59	−15 6.9	2.600	3.453	10.6	21.2

394033 2005 WU_{52} 5 17.3 237°.71 0°.2/17.2 17

4 11	15 59.58	−20 39.0	2.518	3.342	11.3	21.5
4 21	15 55.18	−20 16.4	2.428	3.337	8.6	21.3
5 1	15 49.08	−19 47.4	2.362	3.333	5.5	21.1
5 11	15 41.84	−19 13.5	2.323	3.328	2.2	20.9
5 21	15 34.12	−18 36.8	2.313	3.323	1.4	20.8
5 31	15 26.70	−18 0.3	2.332	3.318	4.8	21.1
6 10	15 20.27	−17 27.1	2.377	3.313	8.0	21.2
6 20	15 15.35	−16 59.9	2.447	3.308	10.9	21.4

497233 2005 EN_{15} 5 17.3 137°.26 4°.1/19.2 17

4 11	16 8.11	−29 24.9	1.657	2.470	16.6	21.9
4 21	16 2.74	−29 49.5	1.582	2.476	13.3	21.6
5 1	15 54.43	−30 0.2	1.527	2.482	9.4	21.4
5 11	15 44.05	−29 54.8	1.495	2.487	5.7	21.2
5 21	15 32.82	−29 33.1	1.490	2.492	4.2	21.1
5 31	15 22.16	−28 58.5	1.510	2.497	6.9	21.3
6 10	15 13.35	−28 16.7	1.556	2.501	10.8	21.5
6 20	15 7.21	−27 34.5	1.624	2.505	14.4	21.8

100673 1997 XY 5 17.3 174°.71 1°.7/18.3 18

4 11	16 5.65	−25 38.9	2.338	3.144	12.6	20.8
4 21	15 59.95	−25 35.2	2.252	3.147	9.8	20.6
5 1	15 52.20	−25 22.2	2.189	3.150	6.6	20.4
5 11	15 43.08	−24 59.8	2.152	3.152	3.2	20.2
5 21	15 33.41	−24 29.3	2.145	3.153	1.9	20.1
5 31	15 24.12	−23 53.4	2.166	3.153	5.0	20.3
6 10	15 16.07	−23 16.2	2.214	3.153	8.4	20.5
6 20	15 9.86	−22 41.5	2.288	3.152	11.4	20.7

501235 2013 VM_{6} 5 17.3 153°.59 0°.7/17.8 17

4 11	16 3.79	−23 39.3	2.521	3.331	11.7	22.9
4 21	15 58.27	−23 16.0	2.440	3.340	9.0	22.8
5 1	15 50.99	−22 44.3	2.383	3.349	5.9	22.6
5 11	15 42.56	−22 5.5	2.354	3.357	2.5	22.4
5 21	15 33.74	−21 21.5	2.354	3.364	1.3	22.3
5 31	15 25.32	−20 35.6	2.384	3.371	4.7	22.5
6 10	15 18.04	−19 51.6	2.441	3.377	7.8	22.7
6 20	15 12.40	−19 12.6	2.523	3.383	10.7	22.9

59579 1999 JO_{53} 5 17.3 268°.79 2°.9/16.1 18

4 11	16 5.25	−11 30.1	1.933	2.768	13.8	18.7
4 21	16 0.13	−11 25.6	1.835	2.749	10.7	18.5
5 1	15 52.63	−11 21.9	1.760	2.730	7.1	18.2
5 11	15 43.36	−11 21.4	1.710	2.711	3.7	18.0
5 21	15 33.20	−11 26.0	1.688	2.691	3.7	17.9
5 31	15 23.22	−11 37.8	1.694	2.671	7.3	18.1
6 10	15 14.45	−11 58.4	1.725	2.651	11.2	18.3
6 20	15 7.70	−12 28.4	1.779	2.630	14.7	18.5

474814 2005 SQ_{23} 5 17.3 204°.08 8°.3/22.5 18

4 11	16 12.83	−48 7.8	2.981	3.660	12.8	21.5
4 21	16 5.99	−49 22.2	2.886	3.655	11.4	21.4
5 1	15 56.48	−50 21.4	2.813	3.651	10.0	21.3
5 11	15 44.91	−51 0.9	2.762	3.645	8.9	21.2
5 21	15 32.27	−51 17.6	2.737	3.640	8.3	21.2
5 31	15 19.76	−51 11.0	2.738	3.634	8.6	21.2
6 10	15 8.60	−50 44.3	2.764	3.628	9.6	21.2
6 20	14 59.67	−50 2.6	2.812	3.621	11.1	21.3

471490 2011 WM_{10} 5 17.3 280°.95 0°.3/17.1 16

4 11	16 0.66	−19 21.7	2.257	3.087	12.2	21.5
4 21	15 56.28	−19 11.1	2.162	3.074	9.4	21.3
5 1	15 49.95	−18 55.2	2.090	3.062	6.0	21.1
5 11	15 42.24	−18 34.9	2.045	3.049	2.4	20.8
5 21	15 33.90	−18 12.3	2.027	3.037	1.6	20.7
5 31	15 25.81	−17 49.9	2.037	3.025	5.4	21.0
6 10	15 18.79	−17 30.7	2.074	3.012	8.9	21.2
6 20	15 13.47	−17 17.5	2.135	3.000	12.1	21.4

10771 Ouro Prêto 5 17.3 278°.64 4°.0/14.3 18

4 11	15 59.09	−10 34.5	2.268	3.107	11.9	18.1
4 21	15 55.00	− 9 32.7	2.173	3.088	9.2	17.8
5 1	15 49.08	− 8 28.6	2.101	3.069	6.3	17.6
5 11	15 41.89	− 7 26.3	2.056	3.050	4.2	17.5
5 21	15 34.11	− 6 30.1	2.039	3.030	4.7	17.5
5 31	15 26.56	− 5 44.2	2.050	3.011	7.5	17.6
6 10	15 20.01	− 5 12.0	2.085	2.991	10.6	17.7
6 20	15 15.03	− 4 54.9	2.144	2.971	13.4	17.9

129142 2005 AS_{60} 5 17.3 107.°32 0.°2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 53.64	−21 19.9	4.490	5.302	6.9	20.4
4 21	15 49.99	−21 11.2	4.403	5.305	5.2	20.3
5 1	15 45.46	−20 59.1	4.342	5.309	3.4	20.1
5 11	15 40.36	−20 44.2	4.309	5.312	1.4	20.0
5 21	15 35.04	−20 27.5	4.305	5.315	0.8	19.9
5 31	15 29.88	−20 10.2	4.332	5.319	2.8	20.1
6 10	15 25.23	−19 53.7	4.387	5.322	4.7	20.2
6 20	15 21.39	−19 39.2	4.468	5.325	6.4	20.4

342944 2009 AX_{32} 5 17.3 65.°32 1.°9/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.89	−25 42.4	1.963	2.784	14.1	21.1
4 21	15 58.09	−25 40.6	1.895	2.799	11.0	20.9
5 1	15 51.09	−25 28.3	1.849	2.813	7.3	20.7
5 11	15 42.66	−25 5.8	1.828	2.828	3.6	20.5
5 21	15 33.73	−24 35.0	1.834	2.843	2.2	20.4
5 31	15 25.33	−23 59.1	1.868	2.858	5.5	20.7
6 10	15 18.38	−23 22.6	1.928	2.873	9.0	20.9
6 20	15 13.47	−22 49.6	2.011	2.888	12.2	21.2

465310 2007 UX_{12} 5 17.3 222.°70 3.°0/18.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.95	−27 16.1	1.903	2.710	15.0	22.9
4 21	16 3.23	−27 35.9	1.806	2.701	11.9	22.7
5 1	15 54.75	−27 45.1	1.732	2.690	8.3	22.4
5 11	15 44.24	−27 41.6	1.683	2.678	4.6	22.2
5 21	15 32.73	−27 25.2	1.661	2.666	3.2	22.0
5 31	15 21.52	−26 58.2	1.667	2.653	6.4	22.2
6 10	15 11.82	−26 25.2	1.699	2.640	10.3	22.4
6 20	15 4.50	−25 51.7	1.754	2.625	14.0	22.6

262403 2006 UE_{18} 5 17.3 241.°75 3.°8/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.96	−28 57.3	1.759	2.571	15.9	21.8
4 21	16 1.93	−29 17.7	1.666	2.561	12.7	21.6
5 1	15 54.02	−29 25.2	1.595	2.551	9.0	21.4
5 11	15 43.97	−29 17.7	1.547	2.540	5.3	21.1
5 21	15 32.90	−28 54.9	1.526	2.529	3.9	21.0
5 31	15 22.17	−28 19.4	1.531	2.518	6.8	21.1
6 10	15 13.07	−27 36.7	1.562	2.506	10.8	21.3
6 20	15 6.51	−26 53.2	1.615	2.494	14.6	21.5

476348 2008 AT_{123} 5 17.3 248.°79 1.°3/16.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.01	−16 37.2	2.402	3.231	11.6	22.6
4 21	15 56.39	−16 16.9	2.307	3.220	8.9	22.4
5 1	15 49.95	−15 52.7	2.236	3.208	5.7	22.1
5 11	15 42.24	−15 26.5	2.192	3.196	2.4	21.9
5 21	15 33.97	−15 0.3	2.176	3.183	2.1	21.8
5 31	15 25.93	−14 37.1	2.188	3.171	5.5	22.1
6 10	15 18.90	−14 19.3	2.228	3.158	8.8	22.2
6 20	15 13.44	−14 9.1	2.291	3.145	11.8	22.4

193314 2000 SK_{309} 5 17.3 239.°99 2.°0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.97	−26 4.5	2.445	3.246	12.3	21.6
4 21	16 0.37	−26 11.3	2.336	3.228	9.7	21.4
5 1	15 52.64	−26 9.3	2.250	3.209	6.6	21.2
5 11	15 43.36	−25 58.0	2.191	3.189	3.4	21.0
5 21	15 33.30	−25 37.5	2.161	3.168	2.2	20.8
5 31	15 23.41	−25 10.1	2.160	3.146	5.1	21.0
6 10	15 14.61	−24 39.1	2.186	3.124	8.5	21.2
6 20	15 7.58	−24 8.5	2.238	3.101	11.7	21.3

469852 2005 TX_{133} 5 17.3 224.°45 5.°6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.41	−37 13.4	2.628	3.386	12.6	21.6
4 21	16 0.01	−37 54.7	2.532	3.381	10.6	21.4
5 1	15 52.42	−38 23.3	2.459	3.376	8.3	21.3
5 11	15 43.26	−38 36.6	2.411	3.370	6.4	21.1
5 21	15 33.37	−38 33.1	2.390	3.364	5.6	21.1
5 31	15 23.72	−38 14.0	2.396	3.358	6.5	21.1
6 10	15 15.26	−37 42.5	2.429	3.352	8.5	21.2
6 20	15 8.68	−37 3.3	2.486	3.345	10.8	21.4

120324 Falusandrás 5 17.3 342.°61 2.°7/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.98	−14 53.6	1.551	2.403	15.7	20.4
4 21	15 57.94	−14 23.6	1.476	2.400	12.0	20.2
5 1	15 51.31	−13 49.6	1.422	2.398	7.8	19.9
5 11	15 42.87	−13 15.1	1.392	2.395	3.7	19.7
5 21	15 33.68	−12 44.0	1.388	2.394	3.6	19.7
5 31	15 24.95	−12 20.6	1.409	2.392	7.8	19.9
6 10	15 17.81	−12 8.5	1.454	2.391	12.1	20.1
6 20	15 12.99	−12 9.4	1.520	2.389	15.9	20.4

501367 2013 YQ_{43} 5 17.3 166.°93 3.°1/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.90	−30 46.9	2.560	3.347	12.2	22.5
4 21	15 59.31	−30 49.7	2.473	3.351	9.7	22.3
5 1	15 51.79	−30 41.1	2.409	3.356	7.0	22.2
5 11	15 42.97	−30 20.3	2.371	3.359	4.3	22.0
5 21	15 33.64	−29 48.0	2.362	3.362	3.1	21.9
5 31	15 24.70	−29 6.8	2.382	3.365	5.0	22.0
6 10	15 16.94	−28 20.7	2.429	3.367	7.8	22.2
6 20	15 10.95	−27 34.0	2.502	3.368	10.5	22.4

468745 2011 AT_{38} 5 17.3 43.°03 5.°8/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.90	− 6 4.0	1.609	2.455	15.5	20.7
4 21	15 59.17	− 5 34.5	1.542	2.458	12.2	20.5
5 1	15 51.97	− 5 10.3	1.497	2.461	8.7	20.3
5 11	15 43.09	− 4 55.8	1.475	2.465	6.1	20.2
5 21	15 33.57	− 4 54.6	1.479	2.468	6.4	20.2
5 31	15 24.56	− 5 9.2	1.509	2.472	9.4	20.4
6 10	15 17.10	− 5 39.8	1.562	2.476	12.9	20.6
6 20	15 11.86	− 6 25.0	1.635	2.480	16.1	20.8

68696 2002 CX_{173} 5 17.3 326.°91 10.°7/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.55	+ 8 46.7	2.014	2.830	14.0	18.4
4 21	15 53.97	+10 13.4	1.946	2.817	12.3	18.2
5 1	15 48.49	+11 27.1	1.901	2.804	11.1	18.1
5 11	15 41.71	+12 20.8	1.878	2.792	10.8	18.1
5 21	15 34.38	+12 49.3	1.878	2.781	11.5	18.1
5 31	15 27.36	+12 49.6	1.901	2.770	13.1	18.2
6 10	15 21.45	+12 22.3	1.944	2.759	15.0	18.3
6 20	15 17.24	+11 30.1	2.005	2.749	16.9	18.4

402159 2004 RM_{216} 5 17.3 138.°51 10.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.05	−48 50.0	2.214	2.901	16.6	22.0
4 21	16 12.83	−49 59.7	2.143	2.919	14.7	21.9
5 1	16 1.06	−50 47.5	2.090	2.936	12.7	21.8
5 11	15 46.76	−51 7.1	2.060	2.952	11.0	21.7
5 21	15 31.44	−50 54.8	2.053	2.967	10.1	21.7
5 31	15 16.90	−50 12.0	2.072	2.981	10.4	21.7
6 10	15 4.70	−49 5.3	2.115	2.994	11.6	21.8
6 20	14 55.76	−47 43.8	2.181	3.005	13.3	22.0

90380 2003 WX_{68} 5 17.3 85.°75 0.°7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.35	−16 20.7	4.324	5.143	7.0	19.7
4 21	15 50.55	−16 14.3	4.243	5.151	5.3	19.5
5 1	15 45.85	−16 6.3	4.188	5.159	3.4	19.4
5 11	15 40.57	−15 57.6	4.162	5.166	1.4	19.3
5 21	15 35.07	−15 49.2	4.166	5.174	1.2	19.2
5 31	15 29.74	−15 42.2	4.199	5.181	3.1	19.4
6 10	15 24.94	−15 37.5	4.261	5.189	5.0	19.5
6 20	15 20.95	−15 36.2	4.349	5.196	6.8	19.7

426025 2011 LL_{23} 5 17.3 77.°94 3.°3/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.21	−12 27.9	1.833	2.677	14.0	21.3
4 21	15 57.56	−11 50.4	1.768	2.687	10.7	21.1
5 1	15 50.77	−11 11.7	1.725	2.697	7.1	20.9
5 11	15 42.59	−10 35.2	1.708	2.708	3.8	20.7
5 21	15 33.92	−10 4.7	1.718	2.718	4.1	20.7
5 31	15 25.77	− 9 43.7	1.754	2.729	7.3	20.9
6 10	15 19.00	− 9 34.4	1.815	2.739	10.8	21.2
6 20	15 14.21	− 9 37.8	1.899	2.750	14.0	21.4

425612 2010 VA_{22} 5 17.3 215.°25 1.°2/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.21	−17 59.6	1.977	2.806	13.7	22.2
4 21	15 59.97	−17 34.0	1.887	2.799	10.5	22.0
5 1	15 52.44	−17 2.3	1.819	2.791	6.8	21.7
5 11	15 43.31	−16 26.4	1.778	2.783	2.7	21.5
5 21	15 33.46	−15 49.3	1.765	2.774	2.2	21.4
5 31	15 23.96	−15 14.6	1.780	2.764	6.3	21.6
6 10	15 15.77	−14 46.3	1.821	2.754	10.3	21.9
6 20	15 9.60	−14 27.3	1.885	2.743	13.8	22.1

342647 2008 UM_{368} 5 17.3 166.°46 5.°0/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.20	− 5 35.1	2.432	3.261	11.5	21.5
4 21	15 56.30	− 4 37.1	2.360	3.265	9.0	21.3
5 1	15 49.76	− 3 41.7	2.312	3.269	6.6	21.2
5 11	15 42.16	− 2 52.9	2.292	3.272	5.1	21.1
5 21	15 34.17	− 2 14.5	2.299	3.275	5.6	21.1
5 31	15 26.53	− 1 49.4	2.334	3.277	7.7	21.3
6 10	15 19.90	− 1 38.9	2.394	3.279	10.2	21.4
6 20	15 14.77	− 1 43.1	2.477	3.281	12.5	21.6

215227 2000 WZ_{181} 5 17.3 189.°45 5.°0/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.17	− 0 35.7	3.105	3.918	9.7	21.5
4 21	15 55.21	− 0 0.7	3.027	3.916	7.8	21.3
5 1	15 48.94	+ 0 29.1	2.974	3.914	6.1	21.2
5 11	15 41.82	+ 0 50.6	2.948	3.912	5.1	21.1
5 21	15 34.37	+ 1 1.7	2.950	3.909	5.5	21.2
5 31	15 27.15	+ 1 0.7	2.981	3.906	7.0	21.2
6 10	15 20.69	+ 0 47.3	3.038	3.902	8.9	21.4
6 20	15 15.42	+ 0 22.1	3.117	3.898	10.7	21.5

500288 2012 PG_{24} 5 17.3 355.°07 5.°8/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.14	−14 33.8	1.183	2.063	17.6	19.9
4 21	15 52.51	−12 32.1	1.116	2.056	13.5	19.6
5 1	15 48.05	−10 18.7	1.071	2.051	9.1	19.3
5 11	15 41.64	− 8 4.0	1.048	2.047	6.0	19.1
5 21	15 34.48	− 6 0.4	1.049	2.044	7.3	19.2
5 31	15 27.90	− 4 19.2	1.073	2.043	11.4	19.4
6 10	15 23.11	− 3 7.7	1.118	2.044	15.8	19.7
6 20	15 20.82	− 2 28.0	1.180	2.046	19.7	19.9

380787 2005 VH_{119} 5 17.3 81°.69 6°.0/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.48	− 2 24.0	1.051	1.891	22.3	21.0
4 21	16 14.06	− 3 28.1	0.987	1.898	17.8	20.7
5 1	16 2.34	− 4 53.6	0.941	1.905	12.5	20.4
5 11	15 47.42	− 6 41.6	0.917	1.913	7.4	20.2
5 21	15 31.09	− 8 48.1	0.919	1.920	6.5	20.1
5 31	15 15.61	−11 5.8	0.947	1.927	11.0	20.4
6 10	15 2.91	−13 27.0	0.999	1.934	16.3	20.7
6 20	14 54.16	−15 45.7	1.071	1.942	21.0	21.0

124249 2001 QD_3 5 17.3 269°.78 0°.3/17.2 18

4 11	16 3.79	−20 23.8	1.779	2.615	14.8	20.4
4 21	15 59.32	−20 5.6	1.681	2.596	11.4	20.1
5 1	15 52.28	−19 38.9	1.606	2.578	7.4	19.8
5 11	15 43.34	−19 5.0	1.555	2.559	2.9	19.5
5 21	15 33.46	−18 26.5	1.530	2.540	1.9	19.4
5 31	15 23.83	−17 47.4	1.533	2.521	6.6	19.6
6 10	15 15.60	−17 12.6	1.561	2.502	11.1	19.8
6 20	15 9.59	−16 46.2	1.611	2.482	15.0	20.0

313037 2000 PK_3 5 17.3 249°.45 11°.7/24.2 17

4 11	16 15.99	−50 10.3	1.924	2.623	18.4	20.9
4 21	16 9.90	−51 2.4	1.820	2.604	16.6	20.7
5 1	15 59.77	−51 30.2	1.732	2.584	14.6	20.5
5 11	15 46.46	−51 25.3	1.665	2.564	12.8	20.3
5 21	15 31.60	−50 42.3	1.619	2.542	11.8	20.2
5 31	15 17.26	−49 20.9	1.597	2.520	12.0	20.2
6 10	15 5.38	−47 28.4	1.599	2.497	13.6	20.2
6 20	14 57.14	−45 16.8	1.623	2.473	16.0	20.3

21439 Robenzing 5 17.3 181°.46 2°.2/18.4 18

4 11	16 7.31	−25 59.4	1.793	2.611	15.4	19.8
4 21	16 1.90	−26 3.3	1.710	2.612	12.1	19.6
5 1	15 53.84	−25 55.8	1.649	2.612	8.2	19.3
5 11	15 43.90	−25 36.1	1.613	2.612	4.1	19.1
5 21	15 33.18	−25 5.5	1.604	2.612	2.5	19.0
5 31	15 22.93	−24 27.4	1.621	2.611	6.2	19.2
6 10	15 14.29	−23 47.2	1.665	2.609	10.3	19.4
6 20	15 8.05	−23 10.0	1.732	2.607	13.9	19.7

206937 2004 RU_{72} 5 17.3 130°.60 2°.4/16.1 18

4 11	16 7.53	−15 9.1	1.746	2.581	15.0	21.2
4 21	16 1.69	−14 33.7	1.681	2.596	11.4	21.0
5 1	15 53.45	−13 54.5	1.638	2.610	7.4	20.8
5 11	15 43.66	−13 14.6	1.622	2.624	3.4	20.6
5 21	15 33.36	−12 37.8	1.632	2.637	3.3	20.6
5 31	15 23.70	−12 8.1	1.670	2.649	7.2	20.9
6 10	15 15.64	−11 48.7	1.734	2.661	11.1	21.1
6 20	15 9.82	−11 41.4	1.820	2.672	14.4	21.3

297727 2001 WB_{33} 5 17.3 183°.05 2°.4/15.9 18

4 11	16 2.02	−11 54.0	2.491	3.319	11.3	20.7
4 21	15 57.00	−11 42.2	2.409	3.320	8.6	20.5
5 1	15 50.27	−11 30.4	2.351	3.320	5.7	20.3
5 11	15 42.40	−11 20.6	2.320	3.319	3.0	20.1
5 21	15 34.07	−11 14.5	2.317	3.319	3.0	20.1
5 31	15 26.02	−11 14.1	2.343	3.318	5.7	20.3
6 10	15 18.96	−11 20.8	2.396	3.317	8.7	20.5
6 20	15 13.42	−11 35.2	2.474	3.316	11.4	20.7

260492 2005 CT_{78} 5 17.3 133°.57 0°.8/17.8 17

4 11	16 7.19	−23 9.8	1.766	2.591	15.3	21.3
4 21	16 1.61	−22 56.7	1.694	2.602	11.8	21.1
5 1	15 53.51	−22 33.7	1.644	2.613	7.7	20.9
5 11	15 43.72	−22 1.4	1.620	2.623	3.3	20.7
5 21	15 33.33	−21 22.3	1.622	2.633	1.7	20.6
5 31	15 23.54	−20 40.6	1.653	2.642	6.1	20.9
6 10	15 15.41	−20 1.4	1.709	2.650	10.2	21.1
6 20	15 9.59	−19 28.9	1.787	2.659	13.8	21.4

517693 2015 DR_{232} 5 17.3 261°.39 0°.3/17.5 17

4 11	16 3.04	−21 12.8	1.904	2.735	14.1	21.9
4 21	15 58.47	−21 5.5	1.817	2.729	10.9	21.7
5 1	15 51.56	−20 50.7	1.752	2.723	7.1	21.4
5 11	15 43.00	−20 29.1	1.712	2.716	2.9	21.1
5 21	15 33.71	−20 2.8	1.700	2.710	1.6	21.0
5 31	15 24.77	−19 35.0	1.714	2.704	5.9	21.3
6 10	15 17.19	−19 9.5	1.755	2.697	10.0	21.5
6 20	15 11.67	−18 50.0	1.818	2.691	13.5	21.7

110359 2001 SA_{318} 5 17.3 111°.69 0°.5/16.8 18

4 11	15 53.42	−17 37.1	4.622	5.440	6.6	20.5
4 21	15 49.82	−17 25.5	4.539	5.446	5.0	20.4
5 1	15 45.39	−17 11.8	4.482	5.452	3.2	20.3
5 11	15 40.42	−16 57.0	4.453	5.458	1.3	20.1
5 21	15 35.25	−16 42.0	4.454	5.463	1.0	20.1
5 31	15 30.24	−16 27.9	4.486	5.469	2.9	20.2
6 10	15 25.71	−16 16.0	4.545	5.474	4.7	20.4
6 20	15 21.94	−16 7.2	4.631	5.480	6.4	20.5

92897 2000 RV 5 17.3 275°.39 5°.7/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.71	−32 2.8	1.836	2.635	15.8	19.2
4 21	16 2.67	−32 58.5	1.742	2.623	13.0	19.0
5 1	15 54.66	−33 42.3	1.668	2.611	9.8	18.7
5 11	15 44.37	−34 10.3	1.619	2.599	6.8	18.5
5 21	15 32.89	−34 19.6	1.595	2.587	5.7	18.4
5 31	15 21.60	−34 10.9	1.598	2.574	7.7	18.5
6 10	15 11.90	−33 48.3	1.625	2.562	11.0	18.7
6 20	15 4.78	−33 18.2	1.675	2.550	14.3	18.9

111698 2002 CE_{15} 5 17.3 124°.46 1°.4/16.3 18

4 11	16 0.54	−16 13.2	2.610	3.436	10.9	20.6
4 21	15 55.75	−15 47.4	2.536	3.447	8.2	20.5
5 1	15 49.40	−15 18.4	2.486	3.458	5.2	20.3
5 11	15 42.04	−14 48.2	2.464	3.468	2.3	20.1
5 21	15 34.34	−14 19.1	2.471	3.478	2.1	20.1
5 31	15 26.98	−13 53.5	2.507	3.487	5.0	20.3
6 10	15 20.61	−13 33.8	2.570	3.497	7.9	20.5
6 20	15 15.68	−13 21.6	2.657	3.506	10.5	20.7

255393 2005 WG_{163} 5 17.3 301°.54 0°.4/17.1 18

4 11	16 1.46	−18 9.6	2.312	3.141	12.0	20.2
4 21	15 56.85	−18 14.9	2.223	3.134	9.2	20.0
5 1	15 50.34	−18 16.8	2.157	3.128	5.9	19.8
5 11	15 42.50	−18 16.0	2.117	3.122	2.3	19.6
5 21	15 34.06	−18 13.7	2.106	3.116	1.5	19.5
5 31	15 25.87	−18 11.5	2.123	3.110	5.2	19.7
6 10	15 18.74	−18 11.8	2.166	3.104	8.6	19.9
6 20	15 13.27	−18 16.2	2.234	3.098	11.7	20.1

510597 2012 SC_{68} 5 17.3 286°.95 1°.5/18.2 17

4 11	16 2.21	−24 49.9	1.959	2.783	14.0	21.5
4 21	15 57.83	−24 43.2	1.871	2.778	10.9	21.3
5 1	15 51.14	−24 26.2	1.806	2.772	7.3	21.0
5 11	15 42.85	−23 59.2	1.765	2.767	3.4	20.8
5 21	15 33.86	−23 24.0	1.752	2.761	1.9	20.7
5 31	15 25.24	−22 44.0	1.765	2.756	5.7	20.9
6 10	15 17.96	−22 3.8	1.805	2.750	9.5	21.1
6 20	15 12.73	−21 27.8	1.868	2.745	13.0	21.3

302370 2002 CJ_{21} 5 17.3 65°.00 5°.2/15.2 18

4 11	16 5.00	−10 27.1	1.297	2.155	17.8	20.6
4 21	16 0.33	− 9 36.6	1.246	2.172	13.6	20.3
5 1	15 52.81	− 8 46.9	1.216	2.189	9.2	20.1
5 11	15 43.46	− 8 3.8	1.209	2.206	5.6	20.0
5 21	15 33.57	− 7 32.8	1.226	2.223	6.0	20.0
5 31	15 24.50	− 7 18.0	1.267	2.240	9.7	20.3
6 10	15 17.40	− 7 21.1	1.331	2.257	13.8	20.6
6 20	15 12.91	− 7 41.7	1.414	2.274	17.4	20.9

98584 2000 WF_{44} 5 17.3 172°.49 1°.1/16.8 17

4 11	16 6.11	−18 16.9	1.720	2.556	15.2	21.0
4 21	16 0.89	−17 55.4	1.642	2.558	11.6	20.7
5 1	15 53.13	−17 27.4	1.587	2.560	7.5	20.5
5 11	15 43.63	−16 55.1	1.557	2.561	3.0	20.2
5 21	15 33.42	−16 21.3	1.553	2.562	2.3	20.2
5 31	15 23.71	−15 50.2	1.577	2.563	6.8	20.4
6 10	15 15.57	−15 25.9	1.626	2.563	11.0	20.7
6 20	15 9.71	−15 11.4	1.697	2.563	14.7	20.9

296291 2009 DU_{83} 5 17.3 29°.31 1°.1/16.7 17

4 11	16 0.68	−17 35.0	1.913	2.753	13.7	20.9
4 21	15 56.48	−17 18.6	1.840	2.758	10.4	20.7
5 1	15 50.16	−16 57.6	1.790	2.764	6.6	20.5
5 11	15 42.42	−16 33.9	1.765	2.770	2.7	20.2
5 21	15 34.14	−16 10.0	1.767	2.776	2.1	20.2
5 31	15 26.30	−15 49.1	1.796	2.783	6.0	20.5
6 10	15 19.77	−15 34.2	1.851	2.790	9.8	20.7
6 20	15 15.16	−15 27.5	1.928	2.797	13.0	20.9

303275 2004 RF_{188} 5 17.3 162°.09 1°.2/16.7 18

4 11	16 6.58	−19 33.7	1.803	2.633	14.8	21.3
4 21	16 1.06	−18 48.3	1.726	2.639	11.3	21.1
5 1	15 53.13	−17 54.2	1.673	2.645	7.2	20.9
5 11	15 43.60	−16 54.1	1.645	2.650	2.9	20.6
5 21	15 33.48	−15 52.3	1.645	2.654	2.3	20.6
5 31	15 23.93	−14 54.1	1.673	2.657	6.6	20.8
6 10	15 15.92	−14 4.7	1.727	2.660	10.7	21.1
6 20	15 10.13	−13 27.5	1.804	2.662	14.3	21.3

308476 2005 TA_{41} 5 17.3 219°.37 1°.2/18.3 17

4 11	16 0.84	−26 1.7	2.653	3.460	11.3	21.0
4 21	15 56.16	−25 36.9	2.557	3.454	8.8	20.8
5 1	15 49.77	−25 2.4	2.486	3.448	5.9	20.6
5 11	15 42.24	−24 19.0	2.442	3.442	2.8	20.4
5 21	15 34.25	−23 28.7	2.426	3.435	1.5	20.3
5 31	15 26.56	−22 34.7	2.440	3.428	4.5	20.5
6 10	15 19.88	−21 40.8	2.481	3.421	7.5	20.7
6 20	15 14.72	−20 50.8	2.548	3.414	10.3	20.9

156265 2001 VH_{35} 5 17.3 180°.62 0°.7/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.42	−22 24.1	2.303	3.117	12.5	21.7
4 21	15 59.83	−22 17.8	2.216	3.118	9.7	21.5
5 1	15 52.22	−22 4.2	2.153	3.119	6.3	21.3
5 11	15 43.23	−21 43.8	2.116	3.119	2.7	21.1
5 21	15 33.68	−21 18.0	2.109	3.119	1.4	21.0
5 31	15 24.48	−20 49.6	2.130	3.118	5.1	21.2
6 10	15 16.48	−20 22.1	2.178	3.116	8.6	21.4
6 20	15 10.29	−19 58.6	2.251	3.113	11.7	21.6

229141 2004 RD_{299} 5 17.3 241°.91 0°.4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.75	−21 28.2	1.962	2.790	13.9	21.4
4 21	15 58.98	−21 20.2	1.872	2.782	10.7	21.2
5 1	15 51.89	−21 4.4	1.804	2.774	7.0	20.9
5 11	15 43.17	−20 41.8	1.761	2.765	2.9	20.6
5 21	15 33.70	−20 14.0	1.746	2.757	1.6	20.5
5 31	15 24.55	−19 44.4	1.759	2.748	5.8	20.8
6 10	15 16.73	−19 16.8	1.798	2.739	9.8	21.0
6 20	15 10.94	−18 55.0	1.859	2.730	13.4	21.2

496931 2001 UV_{226} 5 17.3 223°.52 0°.8/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.32	−17 46.9	2.155	2.980	12.9	23.0
4 21	15 59.95	−17 37.1	2.060	2.970	9.9	22.8
5 1	15 52.43	−17 22.7	1.988	2.959	6.4	22.5
5 11	15 43.36	−17 5.0	1.944	2.948	2.6	22.3
5 21	15 33.59	−16 45.9	1.927	2.936	1.9	22.2
5 31	15 24.07	−16 28.1	1.939	2.924	5.8	22.4
6 10	15 15.74	−16 14.4	1.978	2.911	9.6	22.6
6 20	15 9.28	−16 7.3	2.040	2.897	12.9	22.8

462543 2009 BD_{117} 5 17.3 156°.27 0°.9/17.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.15	−22 11.5	1.673	2.502	15.8	22.7
4 21	16 2.60	−22 13.6	1.597	2.507	12.3	22.4
5 1	15 54.31	−22 7.1	1.543	2.512	8.0	22.2
5 11	15 44.13	−21 52.1	1.513	2.517	3.4	21.9
5 21	15 33.17	−21 30.1	1.510	2.521	1.8	21.8
5 31	15 22.75	−21 4.4	1.535	2.524	6.4	22.1
6 10	15 14.04	−20 39.9	1.584	2.527	10.8	22.4
6 20	15 7.80	−20 20.5	1.656	2.530	14.6	22.6

442057 2010 RC_{62} 5 17.3 285°.97 7°.0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.51	−40 33.8	2.423	3.171	13.8	20.7
4 21	16 0.45	−41 22.7	2.329	3.165	11.8	20.6
5 1	15 52.93	−41 56.6	2.257	3.158	9.7	20.4
5 11	15 43.61	−42 11.9	2.208	3.151	7.9	20.3
5 21	15 33.43	−42 6.7	2.185	3.145	7.0	20.2
5 31	15 23.53	−41 41.8	2.187	3.138	7.7	20.2
6 10	15 14.99	−41 1.2	2.215	3.132	9.5	20.3
6 20	15 8.58	−40 10.5	2.267	3.125	11.7	20.5

22282 1985 RA 5 17.3 220°.79 2°.3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.90	−28 10.0	2.347	3.149	12.7	18.4
4 21	15 58.80	−28 0.8	2.250	3.141	10.0	18.2
5 1	15 51.64	−27 40.2	2.176	3.132	6.9	18.0
5 11	15 43.03	−27 8.0	2.128	3.124	3.8	17.8
5 21	15 33.81	−26 25.5	2.108	3.114	2.4	17.7
5 31	15 24.90	−25 35.7	2.117	3.104	5.1	17.8
6 10	15 17.19	−24 43.2	2.153	3.094	8.4	18.0
6 20	15 11.31	−23 52.5	2.213	3.084	11.5	18.2

197581 2004 HQ_{2} 5 17.3 285°.29 0°.2/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.12	−20 56.2	1.314	2.167	18.0	20.5
4 21	16 0.44	−20 36.4	1.227	2.151	14.0	20.2
5 1	15 53.46	−20 5.3	1.158	2.134	9.1	19.9
5 11	15 43.97	−19 24.0	1.112	2.118	3.7	19.5
5 21	15 33.21	−18 36.1	1.091	2.101	2.2	19.4
5 31	15 22.79	−17 47.3	1.093	2.085	8.1	19.7
6 10	15 14.25	−17 4.8	1.119	2.068	13.6	19.9
6 20	15 8.64	−16 34.2	1.164	2.052	18.4	20.1

335174 2005 AB_{26} 5 17.3 168°.82 2°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.64	−12 54.5	2.246	3.078	12.2	21.1
4 21	15 57.63	−12 25.9	2.168	3.081	9.3	20.9
5 1	15 50.76	−11 55.7	2.113	3.083	6.1	20.7
5 11	15 42.65	−11 26.8	2.085	3.086	3.2	20.6
5 21	15 34.05	−11 1.7	2.086	3.087	3.3	20.6
5 31	15 25.82	−10 43.3	2.114	3.089	6.3	20.8
6 10	15 18.71	−10 33.8	2.169	3.090	9.5	21.0
6 20	15 13.28	−10 34.4	2.247	3.090	12.4	21.1

283139 2008 YQ_{11} 5 17.3 237°.52 1°.8/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.70	−15 9.9	2.069	2.903	13.0	20.8
4 21	15 57.96	−14 53.8	1.983	2.898	9.9	20.5
5 1	15 51.12	−14 34.9	1.920	2.892	6.4	20.3
5 11	15 42.84	−14 15.2	1.883	2.886	2.9	20.1
5 21	15 33.93	−13 57.1	1.874	2.880	2.6	20.0
5 31	15 25.32	−13 43.4	1.892	2.874	6.2	20.3
6 10	15 17.92	−13 36.7	1.937	2.868	9.9	20.5
6 20	15 12.35	−13 38.6	2.004	2.861	13.1	20.7

442821 2013 AR_{63} 5 17.3 53°.48 7°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.40	−44 47.5	2.325	3.054	14.8	20.0
4 21	16 0.29	−45 1.0	2.241	3.058	12.8	19.8
5 1	15 52.69	−44 54.1	2.177	3.063	10.7	19.7
5 11	15 43.44	−44 23.8	2.135	3.068	8.7	19.6
5 21	15 33.61	−43 29.8	2.119	3.073	7.6	19.5
5 31	15 24.39	−42 14.8	2.128	3.078	7.9	19.5
6 10	15 16.80	−40 45.1	2.163	3.083	9.5	19.6
6 20	15 11.50	−39 8.0	2.222	3.088	11.7	19.8

126303 2002 AG_{119} 5 17.3 71°.37 8°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.73	−41 44.5	1.820	2.580	17.4	19.7
4 21	16 3.55	−42 38.1	1.746	2.587	14.9	19.5
5 1	15 55.19	−43 11.1	1.691	2.594	12.2	19.3
5 11	15 44.54	−43 18.5	1.657	2.601	9.9	19.2
5 21	15 32.94	−42 57.9	1.647	2.609	8.8	19.2
5 31	15 21.97	−42 11.6	1.662	2.616	9.4	19.2
6 10	15 13.03	−41 6.2	1.701	2.623	11.5	19.4
6 20	15 6.98	−39 50.6	1.762	2.631	14.0	19.5

19791 2000 RV_{15} 5 17.3 259°.59 2°.6/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.72	−28 58.2	2.341	3.145	12.7	18.3
4 21	15 57.18	−28 50.3	2.245	3.136	10.0	18.1
5 1	15 50.61	−28 30.6	2.171	3.127	7.0	17.9
5 11	15 42.64	−27 58.9	2.123	3.118	4.0	17.7
5 21	15 34.06	−27 16.4	2.103	3.108	2.7	17.6
5 31	15 25.80	−26 26.2	2.111	3.099	5.1	17.7
6 10	15 18.70	−25 32.8	2.146	3.089	8.4	17.9
6 20	15 13.39	−24 40.9	2.205	3.080	11.4	18.1

433959 1999 FQ_{19} 5 17.3 16°.87 8°.2/22.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.75	−37 2.2	0.860	1.718	24.6	19.0
4 21	15 54.05	−37 20.1	0.836	1.748	20.1	18.8
5 1	15 49.33	−37 3.3	0.827	1.781	15.2	18.7
5 11	15 42.15	−36 11.9	0.834	1.818	10.7	18.6
5 21	15 34.47	−34 51.2	0.861	1.857	8.2	18.6
5 31	15 28.18	−33 12.5	0.909	1.899	9.6	18.8
6 10	15 24.59	−31 29.8	0.976	1.942	13.0	19.2
6 20	15 24.17	−29 54.3	1.063	1.988	16.7	19.5

138080 2000 DA_{59} 5 17.3 246°.30 5°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.08	−32 33.6	1.776	2.577	16.2	20.2
4 21	16 2.14	−33 5.8	1.687	2.570	13.2	20.0
5 1	15 54.27	−33 23.2	1.617	2.562	9.9	19.7
5 11	15 44.21	−33 22.6	1.572	2.554	6.7	19.5
5 21	15 33.12	−33 2.8	1.552	2.547	5.3	19.4
5 31	15 22.41	−32 26.0	1.557	2.539	7.4	19.5
6 10	15 13.39	−31 37.9	1.588	2.530	10.8	19.7
6 20	15 6.97	−30 45.8	1.642	2.522	14.3	19.9

192652 1999 RM_{81} 5 17.3 292°.07 6°.0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.83	−34 2.1	1.838	2.633	15.9	19.8
4 21	16 1.18	−34 45.4	1.747	2.624	13.2	19.6
5 1	15 53.65	−35 14.0	1.677	2.615	10.1	19.4
5 11	15 43.98	−35 24.5	1.631	2.607	7.2	19.2
5 21	15 33.25	−35 14.8	1.609	2.598	6.0	19.1
5 31	15 22.84	−34 46.6	1.614	2.590	7.7	19.2
6 10	15 14.07	−34 5.0	1.643	2.582	10.8	19.3
6 20	15 7.84	−33 16.9	1.694	2.574	14.0	19.5

118378 1999 HT_{11} 5 17.3 328°.08 0°.1/16.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 40.08	−16 44.1	38.958	39.779	0.8	23.7
4 21	15 39.38	−16 41.6	38.868	39.777	0.6	23.7
5 1	15 38.60	−16 38.8	38.804	39.775	0.4	23.6
5 11	15 37.77	−16 36.0	38.769	39.773	0.2	23.6
5 21	15 36.91	−16 33.3	38.763	39.771	0.1	23.6
5 31	15 36.07	−16 30.7	38.786	39.769	0.4	23.6
6 10	15 35.28	−16 28.4	38.837	39.767	0.6	23.7
6 20	15 34.55	−16 26.4	38.915	39.765	0.8	23.7

352089 2006 XZ_{22} 5 17.3 166°.78 1°.1/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.78	−16 51.7	2.450	3.278	11.4	21.6
4 21	15 56.14	−16 35.1	2.367	3.280	8.7	21.4
5 1	15 49.78	−16 14.9	2.309	3.281	5.6	21.2
5 11	15 42.27	−15 52.9	2.278	3.282	2.3	21.0
5 21	15 34.31	−15 31.1	2.275	3.283	1.9	21.0
5 31	15 26.65	−15 11.9	2.300	3.284	5.2	21.2
6 10	15 20.01	−14 57.7	2.353	3.284	8.3	21.4
6 20	15 14.91	−14 50.3	2.429	3.285	11.1	21.6

318423 2005 BS_{17} 5 17.3 142°.50 1°.6/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.64	−16 8.5	2.092	2.925	12.9	21.6
4 21	15 57.79	−15 45.7	2.015	2.930	9.8	21.4
5 1	15 50.93	−15 19.1	1.962	2.934	6.3	21.2
5 11	15 42.74	−14 51.0	1.935	2.938	2.7	21.0
5 21	15 34.04	−14 24.0	1.935	2.942	2.5	20.9
5 31	15 25.74	−14 1.2	1.964	2.946	6.0	21.2
6 10	15 18.66	−13 45.3	2.018	2.949	9.5	21.4
6 20	15 13.40	−13 38.3	2.096	2.952	12.6	21.6

106870 2000 YN_{32} 5 17.3 209°.27 3°.7/15.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.13	−10 52.7	2.069	2.898	13.2	20.8
4 21	16 0.54	−10 15.4	1.981	2.891	10.2	20.5
5 1	15 52.78	− 9 37.3	1.916	2.883	6.9	20.3
5 11	15 43.52	− 9 1.6	1.878	2.874	4.1	20.1
5 21	15 33.59	− 8 32.0	1.868	2.865	4.4	20.1
5 31	15 23.98	− 8 11.7	1.886	2.854	7.5	20.3
6 10	15 15.59	− 8 3.2	1.930	2.842	10.9	20.5
6 20	15 9.09	− 8 7.6	1.997	2.830	14.1	20.7

52122 4128 *P–L* 5 17.3 79°.55 3°.7/14.8 18

4 11	15 59.84	−11 31.1	2.102	2.942	12.6	18.5
4 21	15 55.58	−10 33.2	2.030	2.948	9.6	18.3
5 1	15 49.47	− 9 33.8	1.983	2.953	6.5	18.1
5 11	15 42.16	− 8 37.0	1.962	2.958	4.0	18.0
5 21	15 34.41	− 7 47.0	1.968	2.963	4.4	18.0
5 31	15 27.07	− 7 7.8	2.002	2.968	7.2	18.2
6 10	15 20.90	− 6 41.9	2.060	2.973	10.3	18.4
6 20	15 16.41	− 6 30.4	2.142	2.978	13.1	18.6

331506 1999 VC_{12} 5 17.3 253°.84 1°.1/18.1 18

4 11	16 4.98	−24 40.6	2.581	3.385	11.6	21.6
4 21	15 59.56	−24 27.7	2.463	3.359	9.1	21.4
5 1	15 52.15	−24 5.8	2.370	3.332	6.1	21.2
5 11	15 43.30	−23 35.1	2.303	3.304	2.8	20.9
5 21	15 33.71	−22 56.8	2.266	3.275	1.6	20.8
5 31	15 24.26	−22 13.6	2.258	3.246	4.9	20.9
6 10	15 15.79	−21 29.2	2.279	3.215	8.3	21.1
6 20	15 8.95	−20 47.6	2.325	3.184	11.4	21.3

63053 2000 WU_{99} 5 17.4 245°.73 1°.3/18.1 18

4 11	16 3.90	−24 7.4	2.047	2.867	13.7	20.1
4 21	15 59.10	−24 1.7	1.952	2.856	10.6	19.9
5 1	15 52.00	−23 46.7	1.879	2.845	7.1	19.7
5 11	15 43.26	−23 22.4	1.832	2.834	3.2	19.4
5 21	15 33.76	−22 50.3	1.812	2.822	1.8	19.3
5 31	15 24.56	−22 13.6	1.821	2.810	5.6	19.5
6 10	15 16.64	−21 36.7	1.855	2.798	9.5	19.7
6 20	15 10.73	−21 3.7	1.913	2.785	13.0	19.9

509706 2008 SH_{58} 5 17.4 231°.29 1°.2/16.6 17

4 11	16 3.14	−17 31.1	2.323	3.149	12.1	22.8
4 21	15 58.15	−17 6.5	2.226	3.137	9.2	22.6
5 1	15 51.21	−16 36.8	2.153	3.124	5.9	22.4
5 11	15 42.90	−16 3.9	2.107	3.111	2.4	22.2
5 21	15 33.98	−15 30.2	2.089	3.097	2.1	22.1
5 31	15 25.30	−14 58.8	2.100	3.083	5.6	22.3
6 10	15 17.69	−14 32.9	2.139	3.068	9.1	22.5
6 20	15 11.77	−14 15.1	2.200	3.053	12.2	22.7

476367 2008 CH_{14} 5 17.4 330°.57 7°.9/21.8 16

4 11	16 6.02	−41 20.8	2.186	2.938	15.0	20.7
4 21	16 1.14	−42 17.1	2.099	2.933	12.9	20.5
5 1	15 53.54	−42 56.7	2.031	2.930	10.7	20.3
5 11	15 43.93	−43 15.5	1.986	2.926	8.8	20.2
5 21	15 33.36	−43 11.1	1.965	2.922	7.9	20.2
5 31	15 23.14	−42 44.2	1.970	2.919	8.5	20.2
6 10	15 14.46	−41 59.5	2.000	2.916	10.4	20.3
6 20	15 8.18	−41 3.5	2.052	2.913	12.7	20.4

397728 2008 ED_{54} 5 17.4 247°.38 0°.2/17.4 18

4 11	16 2.29	−19 48.5	2.501	3.322	11.5	21.1
4 21	15 57.40	−19 56.1	2.407	3.314	8.8	20.9
5 1	15 50.68	−19 59.6	2.338	3.306	5.7	20.7
5 11	15 42.69	−19 59.2	2.295	3.299	2.3	20.5
5 21	15 34.11	−19 55.9	2.280	3.291	1.3	20.4
5 31	15 25.75	−19 51.3	2.295	3.282	4.8	20.6
6 10	15 18.38	−19 47.6	2.337	3.274	8.1	20.8
6 20	15 12.58	−19 46.9	2.403	3.266	11.0	21.0

241342 2007 VY_{314} 5 17.4 274°.72 3°.5/15.6 18

4 11	16 2.37	− 9 48.3	2.089	2.925	12.8	20.3
4 21	15 57.68	− 9 31.9	2.003	2.917	9.9	20.1
5 1	15 50.96	− 9 17.0	1.941	2.909	6.7	19.9
5 11	15 42.81	− 9 6.3	1.904	2.900	4.0	19.7
5 21	15 34.04	− 9 2.2	1.894	2.892	4.2	19.7
5 31	15 25.54	− 9 7.0	1.912	2.884	7.1	19.8
6 10	15 18.18	− 9 22.1	1.955	2.875	10.4	20.0
6 20	15 12.60	− 9 47.7	2.022	2.867	13.5	20.2

434417 2005 LJ_{14} 5 17.4 293°.40 5°.4/14.0 18

4 11	16 0.11	− 5 17.9	2.117	2.954	12.6	20.5
4 21	15 55.85	− 4 33.1	2.038	2.948	10.0	20.3
5 1	15 49.72	− 3 51.7	1.983	2.942	7.3	20.2
5 11	15 42.30	− 3 18.1	1.953	2.936	5.5	20.0
5 21	15 34.35	− 2 56.0	1.950	2.930	6.0	20.1
5 31	15 26.71	− 2 48.2	1.973	2.924	8.4	20.2
6 10	15 20.17	− 2 56.0	2.021	2.919	11.2	20.3
6 20	15 15.30	− 3 18.9	2.091	2.913	13.9	20.5

243685 1999 XB_{135} 5 17.4 252°.54 4°.9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.74	− 0 50.1	3.157	3.965	9.6	21.6
4 21	15 56.55	− 0 22.2	3.054	3.942	7.8	21.5
5 1	15 49.95	+ 0 0.7	2.977	3.918	6.0	21.3
5 11	15 42.36	+ 0 15.9	2.927	3.893	5.0	21.2
5 21	15 34.30	+ 0 21.0	2.906	3.868	5.4	21.2
5 31	15 26.37	+ 0 14.3	2.913	3.842	7.0	21.3
6 10	15 19.12	− 0 4.6	2.947	3.815	9.0	21.4
6 20	15 13.04	− 0 35.5	3.005	3.788	11.0	21.5

54479 2000 OX_{23} 5 17.4 287°.23 4°.6/14.9 18

4 11	16 1.73	− 6 50.9	2.117	2.952	12.7	18.6
4 21	15 57.16	− 6 28.0	2.031	2.942	10.0	18.4
5 1	15 50.61	− 6 8.6	1.967	2.931	7.0	18.2
5 11	15 42.68	− 5 55.7	1.930	2.920	4.8	18.1
5 21	15 34.12	− 5 52.4	1.920	2.909	5.1	18.1
5 31	15 25.83	− 6 0.7	1.936	2.899	7.7	18.2
6 10	15 18.64	− 6 21.7	1.978	2.888	10.8	18.4
6 20	15 13.16	− 6 55.0	2.043	2.878	13.7	18.5

192688 1999 TQ_{22} 5 17.4 264°.29 0°.6/17.1 17

4 11	16 3.03	−19 0.6	1.971	2.804	13.6	20.8
4 21	15 58.46	−18 48.2	1.877	2.791	10.5	20.6
5 1	15 51.60	−18 29.8	1.806	2.778	6.8	20.3
5 11	15 43.11	−18 6.7	1.760	2.765	2.7	20.0
5 21	15 33.86	−17 41.1	1.742	2.752	1.8	19.9
5 31	15 24.88	−17 16.2	1.752	2.739	6.0	20.2
6 10	15 17.14	−16 55.5	1.787	2.725	10.1	20.4
6 20	15 11.39	−16 42.1	1.845	2.712	13.6	20.6

499303 2009 WT_{32} 5 17.4 276°.03 0°.7/17.8 17

4 11	16 2.85	−23 49.1	1.798	2.628	14.8	21.5
4 21	15 58.62	−23 21.9	1.700	2.611	11.6	21.2
5 1	15 51.86	−22 42.5	1.625	2.594	7.6	21.0
5 11	15 43.25	−21 51.9	1.574	2.577	3.3	20.7
5 21	15 33.78	−20 52.9	1.550	2.560	1.7	20.5
5 31	15 24.61	−19 50.5	1.552	2.543	6.3	20.8
6 10	15 16.87	−18 50.8	1.581	2.525	10.7	21.0
6 20	15 11.34	−17 59.3	1.631	2.507	14.6	21.2

378283 2007 EW_{116} 5 17.4 242°.94 2°.7/18.3 17

4 11	16 7.91	−24 32.9	1.874	2.691	14.8	20.6
4 21	16 2.46	−25 16.3	1.787	2.687	11.7	20.4
5 1	15 54.35	−25 52.9	1.721	2.683	8.0	20.2
5 11	15 44.26	−26 20.6	1.681	2.679	4.2	19.9
5 21	15 33.21	−26 38.0	1.668	2.674	2.9	19.8
5 31	15 22.45	−26 46.1	1.683	2.670	6.2	20.0
6 10	15 13.16	−26 47.8	1.723	2.665	10.1	20.3
6 20	15 6.18	−26 47.2	1.787	2.661	13.7	20.5

173779 2001 SC_{32} 5 17.4 147°.46 1°.8/18.6 18

4 11	16 3.79	−26 15.5	2.870	3.667	10.7	21.5
4 21	15 58.25	−26 24.2	2.788	3.677	8.4	21.3
5 1	15 51.07	−26 25.3	2.730	3.687	5.7	21.2
5 11	15 42.80	−26 18.7	2.699	3.696	3.0	21.0
5 21	15 34.12	−26 4.9	2.698	3.704	2.0	20.9
5 31	15 25.74	−25 45.7	2.726	3.712	4.2	21.1
6 10	15 18.36	−25 23.8	2.782	3.720	6.9	21.3
6 20	15 12.47	−25 2.1	2.864	3.727	9.4	21.5

80755 2000 CN_{50} 5 17.4 28°.56 4°.7/15.1 18

4 11	16 1.52	−11 40.6	1.395	2.255	16.7	19.1
4 21	15 57.73	−10 46.4	1.332	2.260	12.8	18.8
5 1	15 51.25	− 9 50.5	1.291	2.265	8.6	18.6
5 11	15 42.97	− 8 58.7	1.273	2.271	5.1	18.4
5 21	15 34.03	− 8 16.6	1.279	2.277	5.6	18.5
5 31	15 25.70	− 7 49.2	1.310	2.284	9.3	18.7
6 10	15 19.10	− 7 39.6	1.363	2.291	13.4	18.9
6 20	15 14.91	− 7 48.0	1.436	2.299	17.0	19.2

338728 2003 UE_{109} 5 17.4 176°.56 1°.0/17.9 17

4 11	16 4.22	−22 31.1	2.130	2.950	13.2	21.7
4 21	15 59.15	−22 38.9	2.046	2.951	10.2	21.5
5 1	15 51.93	−22 39.7	1.985	2.952	6.7	21.2
5 11	15 43.22	−22 33.7	1.950	2.952	3.0	21.0
5 21	15 33.87	−22 21.8	1.943	2.952	1.6	20.9
5 31	15 24.88	−22 6.2	1.963	2.952	5.3	21.2
6 10	15 17.14	−21 50.2	2.011	2.952	8.9	21.4
6 20	15 11.31	−21 36.9	2.082	2.952	12.2	21.6

33779 1999 RG_{165} 5 17.4 350°.44 8°.7/22.0 18

4 11	16 4.68	−41 30.8	1.935	2.697	16.4	17.9
4 21	16 0.47	−42 32.1	1.851	2.693	14.1	17.7
5 1	15 53.28	−43 15.2	1.787	2.689	11.8	17.5
5 11	15 43.89	−43 35.2	1.744	2.685	9.7	17.4
5 21	15 33.45	−43 29.3	1.724	2.683	8.7	17.3
5 31	15 23.40	−42 58.4	1.729	2.680	9.4	17.4
6 10	15 15.08	−42 7.8	1.758	2.679	11.3	17.5
6 20	15 9.42	−41 5.2	1.808	2.678	13.7	17.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
92730 2000 QZ_{99}			5 17.4 283°48		2°2/16.3 17	
	h m	° ′			°	m
4 11	16 3.41	−14 59.9	1.790	2.632	14.4	20.2
4 21	15 59.05	−14 40.5	1.691	2.609	11.1	19.9
5 1	15 52.18	−14 17.6	1.613	2.587	7.3	19.6
5 11	15 43.43	−13 53.4	1.561	2.564	3.3	19.3
5 21	15 33.72	−13 31.0	1.535	2.541	3.2	19.3
5 31	15 24.17	−13 13.8	1.535	2.518	7.3	19.5
6 10	15 15.92	−13 5.3	1.561	2.495	11.6	19.7
6 20	15 9.79	−13 7.8	1.608	2.471	15.5	19.8
22347 Mishinatakashi			5 17.4 157°04		1°1/17.9 18	
4 11	16 7.79	−23 26.5	1.983	2.799	14.2	19.2
4 21	16 1.93	−23 21.1	1.904	2.807	11.0	19.0
5 1	15 53.72	−23 6.7	1.848	2.814	7.2	18.8
5 11	15 43.92	−22 43.5	1.819	2.821	3.2	18.6
5 21	15 33.51	−22 13.2	1.817	2.827	1.7	18.5
5 31	15 23.59	−21 39.2	1.843	2.832	5.6	18.7
6 10	15 15.14	−21 5.8	1.896	2.836	9.5	19.0
6 20	15 8.84	−20 37.0	1.973	2.840	12.9	19.2
485163 2010 RU_{96}			5 17.4 294°26		16°7/ 3.4 18	
4 11	16 0.23	+ 2 6.6	0.998	1.870	20.8	20.2
4 21	15 57.72	+ 6 15.4	0.944	1.857	18.2	20.0
5 1	15 51.78	+10 20.4	0.911	1.845	16.8	19.8
5 11	15 43.35	+13 57.9	0.899	1.832	17.4	19.8
5 21	15 33.82	+16 47.1	0.908	1.820	19.7	19.9
5 31	15 24.87	+18 35.5	0.934	1.808	22.8	20.0
6 10	15 18.01	+19 22.3	0.973	1.796	26.0	20.2
6 20	15 14.17	+19 14.4	1.024	1.784	28.9	20.4
515726 2014 WD_{387}			5 17.4 230°18		4°0/13.2 18	
4 11	15 55.24	+ 2 1.9	4.480	5.284	7.1	21.2
4 21	15 51.20	+ 2 16.2	4.404	5.284	5.8	21.1
5 1	15 46.32	+ 2 25.4	4.354	5.283	4.6	21.0
5 11	15 40.89	+ 2 27.7	4.331	5.283	4.0	21.0
5 21	15 35.26	+ 2 22.2	4.336	5.283	4.3	21.0
5 31	15 29.79	+ 2 7.9	4.369	5.282	5.3	21.0
6 10	15 24.80	+ 1 44.9	4.429	5.282	6.5	21.1
6 20	15 20.58	+ 1 13.6	4.513	5.282	7.8	21.2
506244 2016 NE_{45}			5 17.4 145°75		5°0/14.2 18	
4 11	16 1.01	− 5 22.2	2.292	3.124	12.0	21.1
4 21	15 56.33	− 4 41.5	2.221	3.128	9.4	20.9
5 1	15 49.92	− 4 4.3	2.173	3.131	6.9	20.8
5 11	15 42.38	− 3 34.6	2.151	3.134	5.1	20.7
5 21	15 34.41	− 3 15.4	2.157	3.137	5.5	20.7
5 31	15 26.79	− 3 9.0	2.190	3.140	7.7	20.8
6 10	15 20.23	− 3 16.4	2.248	3.143	10.3	21.0
6 20	15 15.24	− 3 37.3	2.328	3.145	12.8	21.2
507215 2010 VS_{38}			5 17.4 248°56		2°0/16.5 17	
4 11	16 6.25	−14 49.5	1.758	2.595	14.8	21.7
4 21	16 1.19	−14 40.4	1.666	2.582	11.4	21.5
5 1	15 53.53	−14 29.0	1.597	2.569	7.5	21.2
5 11	15 43.96	−14 17.0	1.552	2.555	3.3	20.9
5 21	15 33.46	−14 6.8	1.534	2.541	3.0	20.9
5 31	15 23.22	−14 1.3	1.544	2.527	7.2	21.1
6 10	15 14.39	−14 3.2	1.578	2.512	11.5	21.3
6 20	15 7.80	−14 14.5	1.635	2.496	15.3	21.5
35232 1995 GS_{7}			5 17.4 160°53		4°8/15.1 18	
4 11	16 5.37	− 9 44.5	1.591	2.436	15.7	19.1
4 21	16 0.41	− 9 1.0	1.521	2.439	12.2	18.9
5 1	15 52.90	− 8 18.1	1.472	2.442	8.3	18.7
5 11	15 43.64	− 7 40.5	1.449	2.444	5.2	18.5
5 21	15 33.70	− 7 12.8	1.451	2.446	5.6	18.5
5 31	15 24.28	− 6 58.9	1.479	2.448	9.0	18.7
6 10	15 16.46	− 7 1.0	1.530	2.449	12.8	18.9
6 20	15 10.95	− 7 19.0	1.603	2.450	16.3	19.1
141254 2001 YT_{10}			5 17.4 201°26		0°2/17.2 17	
4 11	16 1.50	−19 29.1	2.555	3.376	11.2	21.2
4 21	15 56.70	−19 19.8	2.466	3.374	8.6	21.0
5 1	15 50.19	−19 5.8	2.402	3.371	5.5	20.8
5 11	15 42.51	−18 48.0	2.364	3.368	2.2	20.6
5 21	15 34.34	−18 28.0	2.355	3.365	1.3	20.5
5 31	15 26.44	−18 8.0	2.375	3.362	4.7	20.7
6 10	15 19.52	−17 50.7	2.423	3.358	7.9	20.9
6 20	15 14.13	−17 38.2	2.495	3.355	10.7	21.1
133899 2004 RU_{63}			5 17.4 169°67		3°2/15.6 18	
4 11	16 6.64	−13 17.4	1.869	2.703	14.2	20.2
4 21	16 1.02	−12 31.2	1.794	2.708	10.9	20.0
5 1	15 53.12	−11 41.9	1.741	2.712	7.2	19.8
5 11	15 43.69	−10 53.4	1.715	2.715	3.8	19.6
5 21	15 33.68	−10 9.7	1.717	2.717	4.0	19.6
5 31	15 24.15	− 9 35.0	1.746	2.719	7.5	19.8
6 10	15 16.06	− 9 12.7	1.801	2.720	11.2	20.0
6 20	15 10.04	− 9 4.2	1.878	2.720	14.5	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
80406 1999 XC_{187}			5 17.4 198°54		3°2/18.9 18	
	h m	° ′			°	m
4 11	16 7.63	−27 52.9	1.855	2.665	15.2	20.1
4 21	16 2.25	−28 12.3	1.769	2.663	12.1	19.9
5 1	15 54.20	−28 20.2	1.704	2.661	8.5	19.7
5 11	15 44.21	−28 14.8	1.664	2.658	4.8	19.4
5 21	15 33.36	−27 56.3	1.650	2.655	3.4	19.3
5 31	15 22.90	−27 27.1	1.664	2.651	6.3	19.5
6 10	15 14.02	−26 52.3	1.704	2.647	10.1	19.7
6 20	15 7.51	−26 17.2	1.766	2.643	13.7	19.9
292681 2006 UO_{90}			5 17.4 168°92		0°9/17.8 17	
4 11	16 5.27	−22 52.7	1.746	2.575	15.2	22.1
4 21	16 0.37	−22 45.4	1.667	2.577	11.8	21.9
5 1	15 52.91	−22 28.6	1.609	2.578	7.7	21.6
5 11	15 43.67	−22 2.8	1.576	2.579	3.3	21.4
5 21	15 33.69	−21 30.1	1.570	2.580	1.7	21.3
5 31	15 24.19	−20 54.2	1.591	2.581	6.2	21.5
6 10	15 16.26	−20 20.1	1.637	2.581	10.4	21.8
6 20	15 10.63	−19 52.0	1.705	2.581	14.1	22.0
308050 2004 TS_{37}			5 17.4 43°06		0°5/17.6 17	
4 11	16 5.12	−21 25.6	1.278	2.130	18.4	20.8
4 21	16 0.97	−21 22.5	1.213	2.136	14.2	20.6
5 1	15 53.60	−21 9.5	1.167	2.142	9.2	20.3
5 11	15 44.00	−20 47.4	1.143	2.148	3.8	20.0
5 21	15 33.51	−20 19.0	1.144	2.155	2.0	19.9
5 31	15 23.73	−19 48.9	1.170	2.162	7.5	20.3
6 10	15 16.02	−19 22.8	1.218	2.169	12.5	20.6
6 20	15 11.20	−19 5.2	1.286	2.177	16.8	20.8
1822 Waterman			5 17.4 346°97		0°3/17.3 18	R
4 11	15 58.84	−20 31.1	0.993	1.871	20.4	15.4
4 21	15 57.02	−20 17.4	0.925	1.863	15.8	15.0
5 1	15 51.54	−19 51.6	0.874	1.855	10.3	14.7
5 11	15 43.33	−19 15.9	0.843	1.849	4.1	14.3
5 21	15 33.87	−18 34.7	0.834	1.844	2.5	14.2
5 31	15 25.00	−17 54.6	0.845	1.841	8.9	14.6
6 10	15 18.41	−17 23.2	0.877	1.838	14.8	14.9
6 20	15 15.13	−17 5.7	0.926	1.837	19.9	15.2
503603 2016 GT_{93}			5 17.4 26°12		4°7/15.3 17	
4 11	16 2.51	−10 46.9	1.381	2.240	16.9	21.1
4 21	15 58.55	−10 5.5	1.318	2.244	13.0	20.9
5 1	15 51.85	− 9 24.2	1.275	2.248	8.8	20.7
5 11	15 43.26	− 8 48.1	1.255	2.253	5.3	20.5
5 21	15 33.97	− 8 22.2	1.260	2.258	5.6	20.5
5 31	15 25.27	− 8 10.5	1.289	2.264	9.3	20.7
6 10	15 18.33	− 8 15.3	1.340	2.270	13.4	21.0
6 20	15 13.86	− 8 36.5	1.412	2.276	17.1	21.2
198260 2004 TZ_{242}			5 17.4 265°82		4°4/15.4 18	
4 11	16 5.17	− 7 45.1	1.973	2.806	13.6	20.5
4 21	16 0.07	− 7 29.0	1.877	2.787	10.7	20.3
5 1	15 52.68	− 7 16.0	1.804	2.769	7.5	20.0
5 11	15 43.61	− 7 9.4	1.757	2.750	4.8	19.8
5 21	15 33.72	− 7 11.8	1.737	2.731	5.0	19.8
5 31	15 24.01	− 7 25.7	1.745	2.712	8.0	19.9
6 10	15 15.48	− 7 52.0	1.778	2.692	11.6	20.1
6 20	15 8.88	− 8 30.6	1.833	2.672	14.9	20.3
233770 2008 TK_{120}			5 17.4 114°86		3°0/15.7 17	
4 11	16 2.88	−12 35.4	2.037	2.873	13.1	20.5
4 21	15 57.96	−12 1.6	1.968	2.883	10.0	20.3
5 1	15 51.05	−11 26.4	1.922	2.893	6.6	20.1
5 11	15 42.86	−10 53.1	1.903	2.902	3.5	19.9
5 21	15 34.21	−10 24.9	1.911	2.911	3.7	20.0
5 31	15 26.01	−10 4.8	1.946	2.921	6.8	20.2
6 10	15 19.08	− 9 55.0	2.008	2.929	10.1	20.4
6 20	15 13.96	− 9 56.5	2.092	2.938	13.0	20.6
31806 1999 NE_{11}			5 17.4 267°86		7°3/ 5.7 18	
4 11	15 53.83	+21 15.7	4.559	5.280	8.1	19.1
4 21	15 50.21	+22 5.1	4.504	5.273	7.6	19.0
5 1	15 45.73	+22 43.6	4.471	5.266	7.3	19.0
5 11	15 40.69	+23 8.6	4.461	5.259	7.3	19.0
5 21	15 35.44	+23 18.7	4.474	5.252	7.6	19.0
5 31	15 30.35	+23 13.0	4.508	5.245	8.2	19.0
6 10	15 25.76	+22 51.9	4.562	5.238	8.9	19.1
6 20	15 21.95	+22 16.6	4.634	5.231	9.6	19.2
471699 2012 TZ_{246}			5 17.4 233°02		2°1/18.6 17	
4 11	16 3.18	−26 40.3	2.160	2.972	13.3	21.6
4 21	15 58.45	−26 37.3	2.069	2.967	10.5	21.4
5 1	15 51.54	−26 23.7	2.001	2.962	7.1	21.2
5 11	15 43.12	−25 59.4	1.958	2.956	3.7	21.0
5 21	15 34.04	−25 25.5	1.942	2.950	2.3	20.8
5 31	15 25.30	−24 45.2	1.955	2.944	5.3	21.0
6 10	15 17.82	−24 2.7	1.994	2.938	8.9	21.2
6 20	15 12.25	−23 22.7	2.057	2.931	12.1	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
386513 2009 BM_{115}			5 17.4 173°.13		1°.0/16.8 18	
	h m	° ′			°	m
4 11	16 2.45	−17 24.3	2.203	3.033	12.5	21.6
4 21	15 57.64	−17 8.7	2.121	3.034	9.5	21.4
5 1	15 50.89	−16 48.9	2.063	3.035	6.1	21.2
5 11	15 42.82	−16 26.5	2.031	3.036	2.5	20.9
5 21	15 34.22	−16 3.8	2.028	3.036	2.0	20.9
5 31	15 25.97	−15 43.4	2.052	3.036	5.6	21.1
6 10	15 18.87	−15 28.1	2.103	3.037	9.0	21.3
6 20	15 13.51	−15 20.1	2.177	3.037	12.1	21.5
179376 2001 XC_{236}			5 17.4 136°.04		0°.5/17.1 18	
4 11	16 3.12	−17 35.9	2.314	3.140	12.1	20.0
4 21	15 58.09	−17 42.6	2.232	3.142	9.2	19.8
5 1	15 51.16	−17 46.3	2.173	3.144	5.9	19.6
5 11	15 42.94	−17 47.8	2.142	3.146	2.3	19.4
5 21	15 34.17	−17 48.0	2.139	3.148	1.5	19.3
5 31	15 25.71	−17 48.7	2.164	3.150	5.1	19.6
6 10	15 18.35	−17 51.8	2.216	3.152	8.5	19.8
6 20	15 12.68	−17 59.0	2.293	3.154	11.5	20.0
408815 2000 UA_{107}			5 17.4 191°.46		2°.0/16.5 16	
4 11	16 7.79	−14 45.9	1.902	2.732	14.2	22.0
4 21	16 2.04	−14 34.5	1.819	2.731	10.9	21.8
5 1	15 53.89	−14 20.7	1.758	2.729	7.1	21.5
5 11	15 44.06	−14 6.3	1.723	2.726	3.2	21.3
5 21	15 33.52	−13 53.6	1.716	2.723	2.8	21.2
5 31	15 23.35	−13 45.4	1.738	2.719	6.7	21.5
6 10	15 14.57	−13 44.2	1.785	2.714	10.7	21.7
6 20	15 7.92	−13 51.6	1.855	2.709	14.1	21.9
168985 2001 CC_{18}			5 17.4 96°.30		1°.4/18.1 18	
4 11	16 7.03	−24 10.3	1.576	2.406	16.6	20.6
4 21	16 1.82	−24 4.1	1.510	2.420	12.8	20.4
5 1	15 53.85	−23 46.5	1.465	2.434	8.5	20.1
5 11	15 44.04	−23 18.0	1.445	2.447	3.8	19.9
5 21	15 33.59	−22 40.9	1.450	2.460	2.0	19.8
5 31	15 23.83	−21 59.8	1.483	2.473	6.4	20.1
6 10	15 15.91	−21 20.2	1.540	2.486	10.8	20.4
6 20	15 10.52	−20 47.0	1.619	2.499	14.5	20.7
512770 2016 UB_{58}			5 17.4 279°.54		4°.1/20.1 18	
4 11	16 2.37	−33 2.4	2.334	3.122	13.1	20.8
4 21	15 57.85	−33 10.3	2.236	3.113	10.7	20.6
5 1	15 51.18	−33 4.7	2.161	3.103	7.9	20.4
5 11	15 43.00	−32 44.4	2.111	3.093	5.3	20.2
5 21	15 34.14	−32 9.6	2.087	3.083	4.1	20.1
5 31	15 25.58	−31 22.6	2.091	3.073	5.7	20.2
6 10	15 18.25	−30 28.3	2.122	3.063	8.6	20.4
6 20	15 12.82	−29 31.7	2.176	3.053	11.5	20.5
158022 2000 RY_{11}			5 17.4 264°.66		12°.2/ 4.3 18	
4 11	16 1.59	+ 9 55.7	2.001	2.805	14.5	19.8
4 21	15 57.24	+12 35.3	1.932	2.787	13.1	19.6
5 1	15 50.79	+15 4.6	1.887	2.768	12.3	19.5
5 11	15 42.85	+17 13.3	1.866	2.749	12.4	19.5
5 21	15 34.21	+18 53.1	1.870	2.730	13.6	19.5
5 31	15 25.82	+19 58.5	1.896	2.710	15.3	19.6
6 10	15 18.57	+20 28.8	1.940	2.690	17.2	19.7
6 20	15 13.13	+20 26.5	2.000	2.669	19.0	19.8
502762 2015 DW_{68}			5 17.4 189°.80		0°.8/17.8 17	
4 11	16 4.85	−22 18.5	1.923	2.749	14.2	22.2
4 21	15 59.86	−22 16.8	1.840	2.748	11.0	22.0
5 1	15 52.52	−22 7.2	1.779	2.748	7.2	21.8
5 11	15 43.53	−21 50.0	1.743	2.747	3.1	21.5
5 21	15 33.85	−21 26.7	1.735	2.746	1.6	21.4
5 31	15 24.55	−21 0.4	1.755	2.744	5.8	21.7
6 10	15 16.66	−20 35.1	1.800	2.743	9.7	21.9
6 20	15 10.87	−20 14.5	1.868	2.741	13.2	22.1
411657 2011 WG_{15}			5 17.4 282°.39		0°.2/17.5 16	
4 11	16 5.47	−18 19.6	2.251	3.073	12.5	20.9
4 21	16 0.09	−18 50.3	2.158	3.066	9.6	20.7
5 1	15 52.59	−19 18.8	2.090	3.059	6.3	20.5
5 11	15 43.57	−19 44.9	2.048	3.052	2.5	20.3
5 21	15 33.81	−20 8.5	2.034	3.045	1.4	20.2
5 31	15 24.26	−20 30.0	2.050	3.038	5.3	20.4
6 10	15 15.82	−20 51.1	2.093	3.031	8.8	20.6
6 20	15 9.18	−21 13.3	2.160	3.024	12.0	20.8
460591 2014 UP_{26}			5 17.4 315°.54		2°.2/16.3 17	
4 11	16 0.46	−18 27.2	1.213	2.079	18.2	20.9
4 21	15 57.73	−17 40.3	1.132	2.064	14.1	20.5
5 1	15 51.78	−16 41.5	1.069	2.049	9.2	20.2
5 11	15 43.41	−15 35.0	1.029	2.034	3.9	19.9
5 21	15 33.88	−14 26.9	1.012	2.020	3.6	19.8
5 31	15 24.77	−13 25.2	1.018	2.007	9.1	20.1
6 10	15 17.56	−12 37.6	1.046	1.994	14.5	20.3
6 20	15 13.22	−12 8.7	1.093	1.982	19.2	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
462137 2007 RS_{322}			5 17.4 248°.89		3°.8/18.8 17	
	h m	° ′			°	m
4 11	16 8.27	−27 32.6	1.559	2.381	17.1	21.9
4 21	16 3.37	−28 6.1	1.472	2.373	13.7	21.6
5 1	15 55.29	−28 28.1	1.405	2.365	9.6	21.3
5 11	15 44.79	−28 35.6	1.362	2.357	5.6	21.1
5 21	15 33.10	−28 27.7	1.344	2.348	4.0	21.0
5 31	15 21.76	−28 6.4	1.351	2.339	7.3	21.1
6 10	15 12.23	−27 37.1	1.383	2.331	11.7	21.4
6 20	15 5.53	−27 6.4	1.437	2.321	15.7	21.6
131511 2001 TL_{43}			5 17.4 243°.01		3°.5/18.7 17	
4 11	16 9.76	−26 50.9	1.679	2.495	16.3	19.8
4 21	16 4.40	−27 25.7	1.584	2.482	13.1	19.5
5 1	15 55.93	−27 50.5	1.510	2.469	9.2	19.3
5 11	15 45.05	−28 2.6	1.460	2.455	5.2	19.0
5 21	15 32.93	−28 0.6	1.436	2.441	3.7	18.9
5 31	15 21.03	−27 45.8	1.438	2.426	7.1	19.0
6 10	15 10.78	−27 23.1	1.466	2.410	11.4	19.2
6 20	15 3.23	−26 58.4	1.516	2.394	15.4	19.4
360716 2004 TN_{109}			5 17.4 257°.81		0°.7/17.1 17	
4 11	16 7.79	−17 52.9	1.589	2.427	16.1	21.1
4 21	16 2.80	−17 56.5	1.494	2.410	12.5	20.8
5 1	15 54.85	−17 55.6	1.421	2.394	8.2	20.5
5 11	15 44.61	−17 50.8	1.372	2.376	3.3	20.2
5 21	15 33.19	−17 43.7	1.349	2.359	2.2	20.1
5 31	15 21.98	−17 37.0	1.352	2.340	7.3	20.3
6 10	15 12.33	−17 34.2	1.380	2.322	12.2	20.6
6 20	15 5.25	−17 38.6	1.430	2.303	16.5	20.8
356941 2012 TA_{234}			5 17.4 262°.94		2°.3/16.4 17	
4 11	16 4.53	−12 56.2	2.038	2.871	13.2	21.0
4 21	15 59.51	−12 55.4	1.946	2.860	10.2	20.8
5 1	15 52.28	−12 54.6	1.877	2.848	6.7	20.5
5 11	15 43.46	−12 55.4	1.834	2.836	3.2	20.3
5 21	15 33.89	−12 59.6	1.819	2.824	3.0	20.3
5 31	15 24.55	−13 8.9	1.831	2.812	6.5	20.5
6 10	15 16.40	−13 25.1	1.870	2.799	10.2	20.7
6 20	15 10.13	−13 49.1	1.932	2.787	13.6	20.8
427536 2002 QT_{63}			5 17.4 232°.74		5°.4/14.1 17	
4 11	16 4.37	− 6 55.4	2.012	2.845	13.4	22.7
4 21	15 59.32	− 5 59.3	1.923	2.831	10.5	22.4
5 1	15 52.11	− 5 4.3	1.857	2.818	7.6	22.2
5 11	15 43.38	− 4 15.1	1.817	2.803	5.6	22.1
5 21	15 33.95	− 3 36.5	1.805	2.788	6.1	22.1
5 31	15 24.79	− 3 12.3	1.819	2.772	8.8	22.2
6 10	15 16.83	− 3 5.0	1.858	2.755	12.1	22.4
6 20	15 10.72	− 3 14.7	1.919	2.738	15.1	22.5
199795 2006 UB_{198}			5 17.4 283°.68		0°.1/17.4 18	
4 11	16 1.63	−20 27.9	2.166	2.994	12.7	21.2
4 21	15 57.29	−20 18.0	2.065	2.976	9.8	21.0
5 1	15 50.86	−20 1.6	1.987	2.958	6.4	20.7
5 11	15 42.90	−19 39.6	1.935	2.939	2.6	20.5
5 21	15 34.21	−19 13.9	1.910	2.921	1.5	20.3
5 31	15 25.72	−18 47.2	1.914	2.902	5.5	20.6
6 10	15 18.34	−18 23.0	1.943	2.883	9.3	20.8
6 20	15 12.74	−18 4.5	1.996	2.865	12.7	20.9
24267 1999 XU_{144}			5 17.4 331°.44		0°.8/17.1 17	
4 11	16 1.34	−18 56.0	1.283	2.144	17.8	19.4
4 21	15 58.26	−18 44.5	1.204	2.133	13.7	19.1
5 1	15 52.04	−18 25.2	1.145	2.123	8.9	18.8
5 11	15 43.50	−17 59.8	1.108	2.113	3.6	18.5
5 21	15 33.87	−17 31.6	1.094	2.104	2.4	18.4
5 31	15 24.66	−17 5.4	1.105	2.096	8.0	18.7
6 10	15 17.30	−16 46.4	1.137	2.089	13.2	18.9
6 20	15 12.74	−16 38.5	1.190	2.083	17.7	19.2
408797 2000 SM_{4}			5 17.4 209°.87		1°.9/16.2 16	
4 11	16 5.99	−17 42.2	1.949	2.779	13.9	21.8
4 21	16 0.64	−16 50.6	1.859	2.772	10.6	21.5
5 1	15 52.98	−15 51.1	1.793	2.764	6.9	21.3
5 11	15 43.73	−14 46.9	1.752	2.756	3.0	21.0
5 21	15 33.79	−13 42.3	1.740	2.747	2.9	21.0
5 31	15 24.24	−12 42.5	1.756	2.736	6.8	21.2
6 10	15 16.04	−11 52.4	1.799	2.725	10.8	21.4
6 20	15 9.88	−11 15.4	1.864	2.714	14.2	21.6
317212 2002 CW_{46}			5 17.4 182°.36		8°.0/20.8 18	
4 11	16 21.62	−38 1.7	1.702	2.462	18.4	22.8
4 21	16 13.83	−38 57.6	1.616	2.465	15.5	22.6
5 1	16 2.17	−39 34.7	1.549	2.467	12.2	22.3
5 11	15 47.57	−39 45.9	1.506	2.466	9.3	22.2
5 21	15 31.59	−39 27.1	1.488	2.465	8.0	22.1
5 31	15 16.21	−38 40.0	1.497	2.461	9.4	22.2
6 10	15 3.20	−37 32.5	1.532	2.456	12.5	22.3
6 20	14 53.67	−36 15.6	1.589	2.449	15.8	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
401126 2011 UZ_{294}			5 17.4 282.°89		1.°6/16.8 17	
	h m	° ′			°	m
4 11	16 6.04	−17 4.5	1.395	2.244	17.3	21.0
4 21	16 1.94	−16 53.4	1.297	2.220	13.5	20.7
5 1	15 54.58	−16 36.6	1.219	2.194	8.8	20.3
5 11	15 44.62	−16 15.7	1.164	2.169	3.7	20.0
5 21	15 33.20	−15 53.5	1.134	2.143	2.9	19.8
5 31	15 21.87	−15 34.2	1.128	2.116	8.4	20.1
6 10	15 12.20	−15 22.8	1.146	2.090	13.9	20.3
6 20	15 5.34	−15 22.9	1.184	2.064	18.7	20.5
177117 2003 GM_{27}			5 17.4 108.°25		2.°1/15.9 18	
4 11	16 0.50	−15 5.0	2.409	3.241	11.5	21.0
4 21	15 55.89	−14 24.4	2.338	3.252	8.7	20.8
5 1	15 49.62	−13 40.7	2.291	3.263	5.6	20.6
5 11	15 42.31	−12 56.7	2.272	3.274	2.7	20.4
5 21	15 34.64	−12 15.3	2.280	3.284	2.7	20.5
5 31	15 27.35	−11 39.7	2.318	3.295	5.6	20.7
6 10	15 21.11	−11 12.6	2.382	3.305	8.6	20.9
6 20	15 16.41	−10 55.4	2.469	3.315	11.3	21.1
110183 2001 SB_{177}			5 17.4 132.°44		1.°3/16.7 17	
4 11	16 5.76	−16 40.2	2.076	2.903	13.2	21.0
4 21	16 0.16	−16 24.2	2.005	2.916	10.1	20.8
5 1	15 52.49	−16 4.5	1.957	2.928	6.4	20.6
5 11	15 43.48	−15 42.8	1.936	2.940	2.7	20.4
5 21	15 33.98	−15 21.3	1.943	2.951	2.2	20.3
5 31	15 24.95	−15 3.0	1.978	2.962	5.9	20.6
6 10	15 17.25	−14 50.5	2.040	2.972	9.4	20.8
6 20	15 11.46	−14 45.8	2.126	2.981	12.5	21.1
459479 2013 CP_{47}			5 17.4 347.°99		5.°0/19.5 17	
4 11	16 1.64	−29 51.4	1.108	1.958	20.7	20.5
4 21	15 59.20	−30 11.2	1.036	1.952	16.7	20.2
5 1	15 52.99	−30 11.1	0.982	1.947	12.0	19.9
5 11	15 43.96	−29 48.3	0.947	1.943	7.2	19.7
5 21	15 33.64	−29 3.1	0.934	1.939	5.1	19.5
5 31	15 23.96	−28 1.0	0.944	1.937	8.6	19.7
6 10	15 16.65	−26 52.1	0.974	1.935	13.6	20.0
6 20	15 12.76	−25 46.4	1.023	1.935	18.3	20.2
359384 2010 GH_{29}			5 17.4 70.°07		0.°7/17.6 18	
4 11	16 9.21	−19 51.8	1.272	2.120	18.7	21.2
4 21	16 4.12	−20 17.2	1.210	2.131	14.4	21.0
5 1	15 55.68	−20 36.4	1.168	2.142	9.4	20.7
5 11	15 44.88	−20 48.8	1.148	2.153	3.9	20.4
5 21	15 33.17	−20 54.9	1.153	2.164	2.1	20.3
5 31	15 22.20	−20 57.1	1.183	2.175	7.5	20.7
6 10	15 13.41	−20 59.5	1.237	2.186	12.5	21.0
6 20	15 7.68	−21 5.8	1.310	2.198	16.8	21.3
61566 2000 QR_{76}			5 17.4 217.°92		0.°9/18.1 18	
4 11	16 1.88	−23 42.7	2.707	3.517	11.0	20.0
4 21	15 57.00	−23 35.2	2.611	3.510	8.5	19.8
5 1	15 50.42	−23 20.6	2.538	3.503	5.6	19.6
5 11	15 42.67	−22 59.3	2.493	3.495	2.5	19.4
5 21	15 34.41	−22 32.6	2.477	3.487	1.4	19.3
5 31	15 26.39	−22 2.7	2.490	3.478	4.4	19.5
6 10	15 19.33	−21 32.6	2.530	3.469	7.5	19.7
6 20	15 13.75	−21 5.4	2.596	3.460	10.2	19.8
19018 2000 RL_{100}			5 17.4 253.°05		0.°6/16.6 18	
4 11	15 53.64	−18 44.6	4.614	5.430	6.7	18.7
4 21	15 50.07	−18 5.8	4.517	5.423	5.0	18.6
5 1	15 45.66	−17 23.6	4.447	5.416	3.2	18.4
5 11	15 40.71	−16 39.3	4.406	5.410	1.3	18.3
5 21	15 35.55	−15 54.5	4.395	5.403	1.1	18.2
5 31	15 30.54	−15 11.1	4.415	5.396	3.0	18.4
6 10	15 26.01	−14 30.7	4.464	5.390	4.9	18.5
6 20	15 22.25	−13 54.9	4.539	5.383	6.6	18.6
1418 Fayeta			5 17.4 299.°43		6.°1/19.3 18	
4 11	16 6.20	−30 11.0	1.340	2.169	19.0	15.4
4 21	16 2.68	−31 4.2	1.243	2.145	15.6	15.1
5 1	15 55.43	−31 44.7	1.165	2.122	11.6	14.8
5 11	15 45.08	−32 7.2	1.109	2.098	7.7	14.5
5 21	15 32.91	−32 7.9	1.075	2.074	6.2	14.3
5 31	15 20.78	−31 47.2	1.065	2.051	9.1	14.4
6 10	15 10.60	−31 11.0	1.077	2.028	13.8	14.6
6 20	15 3.77	−30 28.2	1.108	2.005	18.4	14.8
281060 2006 KE_{26}			5 17.4 155.°70		5.°8/13.7 17	
4 11	16 2.40	− 3 4.2	2.278	3.105	12.2	21.2
4 21	15 57.39	− 2 15.6	2.210	3.110	9.8	21.0
5 1	15 50.63	− 1 32.1	2.165	3.116	7.4	20.9
5 11	15 42.73	− 0 57.9	2.146	3.120	5.9	20.8
5 21	15 34.41	− 0 36.3	2.154	3.125	6.4	20.8
5 31	15 26.46	− 0 29.8	2.190	3.129	8.4	21.0
6 10	15 19.61	− 0 39.0	2.250	3.132	10.9	21.1
6 20	15 14.35	− 1 3.2	2.332	3.135	13.2	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
466109 2012 DZ_{8}			5 17.4 30.°49		2.°4/16.4 17	
	h m	° ′			°	m
4 11	16 1.96	−16 14.5	1.187	2.055	18.5	21.3
4 21	15 58.49	−15 46.8	1.133	2.066	14.1	21.0
5 1	15 51.95	−15 13.9	1.099	2.078	9.0	20.8
5 11	15 43.36	−14 39.5	1.086	2.091	3.9	20.5
5 21	15 34.08	−14 8.5	1.097	2.105	3.5	20.6
5 31	15 25.58	−13 45.7	1.132	2.120	8.4	20.9
6 10	15 19.13	−13 35.0	1.188	2.135	13.2	21.2
6 20	15 15.43	−13 38.3	1.264	2.151	17.3	21.5
61379 2000 PG_{29}			5 17.4 231.°96		3.°0/15.7 18	
4 11	16 4.53	−11 37.8	2.189	3.018	12.6	19.7
4 21	15 59.33	−11 14.5	2.095	3.006	9.7	19.5
5 1	15 52.08	−10 50.7	2.025	2.994	6.5	19.3
5 11	15 43.39	−10 28.8	1.982	2.980	3.6	19.1
5 21	15 34.01	−10 11.6	1.966	2.967	3.7	19.1
5 31	15 24.88	−10 1.7	1.979	2.952	6.8	19.2
6 10	15 16.85	−10 1.3	2.019	2.937	10.2	19.4
6 20	15 10.58	−10 11.4	2.081	2.922	13.3	19.6
391277 2006 SL_{148}			5 17.4 101.°88		5.°2/13.3 17	
4 11	16 0.23	− 5 15.8	2.424	3.254	11.5	21.8
4 21	15 55.57	− 4 6.8	2.365	3.271	9.0	21.6
5 1	15 49.37	− 3 1.0	2.332	3.287	6.7	21.5
5 11	15 42.21	− 2 2.8	2.326	3.303	5.3	21.5
5 21	15 34.75	− 1 16.0	2.347	3.319	5.8	21.5
5 31	15 27.70	− 0 43.6	2.396	3.335	7.8	21.7
6 10	15 21.69	− 0 26.8	2.470	3.350	10.1	21.8
6 20	15 17.13	− 0 25.4	2.566	3.365	12.3	22.0
137405 1999 TX_{179}			5 17.4 204.°33		1.°9/16.3 17	
4 11	16 4.13	−17 34.0	1.708	2.549	15.0	20.2
4 21	15 59.48	−16 48.3	1.628	2.547	11.5	20.0
5 1	15 52.35	−15 55.1	1.570	2.544	7.4	19.7
5 11	15 43.52	−14 57.8	1.538	2.542	3.2	19.5
5 21	15 33.99	−14 0.7	1.532	2.539	3.0	19.5
5 31	15 24.92	−13 9.4	1.553	2.535	7.2	19.7
6 10	15 17.36	−12 28.6	1.598	2.532	11.4	19.9
6 20	15 12.02	−12 1.4	1.666	2.528	15.1	20.2
346972 2010 CA_{34}			5 17.4 308.°47		3.°6/15.4 17	
4 11	16 0.74	−12 24.8	1.797	2.644	14.1	20.8
4 21	15 56.79	−11 41.2	1.715	2.636	10.9	20.6
5 1	15 50.60	−10 55.2	1.656	2.628	7.2	20.3
5 11	15 42.83	−10 10.8	1.621	2.620	4.1	20.1
5 21	15 34.38	− 9 32.3	1.613	2.613	4.4	20.1
5 31	15 26.29	− 9 3.9	1.631	2.605	7.8	20.3
6 10	15 19.50	− 8 48.6	1.673	2.598	11.5	20.5
6 20	15 14.70	− 8 47.9	1.737	2.591	14.9	20.7
256816 2008 CV_{120}			5 17.4 179.°21		3.°6/15.5 17	
4 11	16 5.82	−11 12.6	1.993	2.825	13.5	21.3
4 21	16 0.34	−10 36.8	1.915	2.827	10.4	21.1
5 1	15 52.71	−10 0.4	1.860	2.828	7.0	20.9
5 11	15 43.63	− 9 26.6	1.831	2.829	4.0	20.7
5 21	15 33.96	− 8 59.0	1.831	2.828	4.3	20.8
5 31	15 24.69	− 8 40.8	1.857	2.828	7.4	20.9
6 10	15 16.73	− 8 34.2	1.910	2.826	10.8	21.1
6 20	15 10.71	− 8 40.2	1.985	2.824	13.9	21.3
54652 2000 SZ_{344}			5 17.4 267.°26		3.°8/12.9 18	
4 11	15 53.57	+ 0 0.7	4.395	5.208	7.0	19.3
4 21	15 50.04	+ 0 28.2	4.317	5.205	5.7	19.2
5 1	15 45.66	+ 0 51.6	4.264	5.201	4.5	19.1
5 11	15 40.74	+ 1 8.9	4.239	5.198	3.9	19.1
5 21	15 35.60	+ 1 18.7	4.242	5.195	4.2	19.1
5 31	15 30.61	+ 1 20.0	4.273	5.192	5.2	19.2
6 10	15 26.09	+ 1 12.3	4.329	5.188	6.5	19.3
6 20	15 22.32	+ 0 55.8	4.410	5.185	7.9	19.4
253195 2002 XB_{55}			5 17.4 203.°59		2.°7/16.1 18	
4 11	16 5.49	−13 8.5	1.957	2.790	13.7	21.0
4 21	16 0.23	−12 48.1	1.873	2.787	10.5	20.8
5 1	15 52.73	−12 26.1	1.813	2.783	6.9	20.5
5 11	15 43.67	−12 5.2	1.778	2.779	3.5	20.3
5 21	15 33.93	−11 48.1	1.770	2.774	3.4	20.3
5 31	15 24.54	−11 37.6	1.791	2.769	6.9	20.5
6 10	15 16.45	−11 36.0	1.837	2.763	10.6	20.7
6 20	15 10.34	−11 44.7	1.906	2.757	13.9	20.9
112455 2002 OQ_{10}			5 17.4 281.°17		0.°2/17.5 17	
4 11	16 4.56	−21 18.8	1.617	2.455	15.8	20.4
4 21	16 0.36	−21 8.1	1.517	2.433	12.4	20.1
5 1	15 53.30	−20 48.2	1.439	2.411	8.1	19.8
5 11	15 44.05	−20 19.5	1.384	2.389	3.3	19.4
5 21	15 33.66	−19 44.2	1.355	2.366	1.8	19.3
5 31	15 23.45	−19 6.4	1.353	2.343	7.0	19.5
6 10	15 14.75	−18 31.6	1.375	2.320	11.9	19.7
6 20	15 8.52	−18 4.6	1.418	2.297	16.2	19.9

513113 2017 WY_{26} 5 17.4 234°.39 1°.4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.24	−24 29.0	2.340	3.147	12.6	23.0
4 21	16 0.74	−24 29.8	2.235	3.132	9.8	22.8
5 1	15 53.07	−24 22.2	2.153	3.115	6.6	22.5
5 11	15 43.83	−24 6.0	2.098	3.098	3.1	22.3
5 21	15 33.82	−23 42.0	2.071	3.080	1.8	22.1
5 31	15 24.01	−23 12.5	2.073	3.061	5.2	22.3
6 10	15 15.33	−22 41.2	2.103	3.042	8.8	22.5
6 20	15 8.46	−22 11.9	2.157	3.021	12.0	22.7

368313 2002 PY_{103} 5 17.4 318°.98 6°.8/13.7 17

4 11	15 58.01	−10 16.7	1.243	2.115	17.5	20.9
4 21	15 55.74	− 8 52.3	1.158	2.092	13.7	20.6
5 1	15 50.49	− 7 22.0	1.094	2.068	9.8	20.3
5 11	15 42.97	− 5 54.1	1.051	2.045	6.9	20.1
5 21	15 34.29	− 4 38.0	1.031	2.023	8.0	20.1
5 31	15 25.90	− 3 42.8	1.034	2.002	12.0	20.2
6 10	15 19.18	− 3 14.4	1.057	1.982	16.6	20.4
6 20	15 15.12	− 3 14.1	1.098	1.963	20.9	20.6

497023 2003 LX_{7} 5 17.4 249°.91 0°.1/17.5 18

4 11	16 5.62	−20 7.4	2.230	3.049	12.7	21.8
4 21	16 0.34	−20 9.1	2.125	3.031	9.8	21.6
5 1	15 52.87	−20 5.4	2.043	3.011	6.4	21.3
5 11	15 43.77	−19 56.7	1.988	2.992	2.6	21.1
5 21	15 33.86	−19 44.0	1.961	2.971	1.4	20.9
5 31	15 24.09	−19 29.6	1.963	2.950	5.5	21.2
6 10	15 15.43	−19 16.4	1.991	2.928	9.3	21.3
6 20	15 8.60	−19 7.2	2.044	2.906	12.7	21.5

213240 2000 YJ_{88} 5 17.4 142°.27 3°.6/15.7 17

4 11	16 6.72	−11 32.8	1.772	2.608	14.7	20.7
4 21	16 1.20	−11 2.3	1.703	2.617	11.3	20.5
5 1	15 53.33	−10 31.3	1.656	2.626	7.5	20.3
5 11	15 43.88	−10 3.5	1.635	2.634	4.2	20.1
5 21	15 33.86	− 9 42.1	1.642	2.641	4.3	20.2
5 31	15 24.36	− 9 30.3	1.675	2.648	7.7	20.4
6 10	15 16.37	− 9 30.4	1.733	2.655	11.4	20.6
6 20	15 10.53	− 9 42.8	1.813	2.661	14.7	20.8

625 Xenia 5 17.4 290°.13 7°.4/13.3 18 R

4 11	16 2.26	− 2 38.0	1.804	2.643	14.4	14.1
4 21	15 58.07	− 1 41.7	1.711	2.618	11.7	13.9
5 1	15 51.54	− 0 50.1	1.641	2.594	9.1	13.7
5 11	15 43.28	− 0 9.4	1.594	2.569	7.5	13.5
5 21	15 34.14	+ 0 15.2	1.573	2.545	8.2	13.5
5 31	15 25.19	+ 0 19.4	1.577	2.520	10.7	13.6
6 10	15 17.44	+ 0 1.7	1.604	2.495	14.0	13.7
6 20	15 11.69	− 0 36.9	1.651	2.470	17.1	13.9

230309 2002 AT_{169} 5 17.4 136°.58 2°.6/14.8 18

4 11	15 56.75	− 7 50.9	4.027	4.846	7.5	22.3
4 21	15 52.44	− 7 27.7	3.955	4.858	5.8	22.2
5 1	15 47.19	− 7 6.0	3.909	4.870	4.0	22.1
5 11	15 41.35	− 6 47.4	3.892	4.881	2.7	22.0
5 21	15 35.30	− 6 33.3	3.905	4.892	2.9	22.0
5 31	15 29.44	− 6 25.0	3.946	4.903	4.4	22.1
6 10	15 24.17	− 6 23.4	4.016	4.913	6.1	22.3
6 20	15 19.78	− 6 28.7	4.110	4.923	7.8	22.4

246150 2007 PF_{24} 5 17.4 253°.52 2°.8/19.1 18

4 11	16 4.49	−28 56.6	2.346	3.144	12.8	20.8
4 21	15 59.48	−28 57.8	2.238	3.126	10.2	20.6
5 1	15 52.30	−28 47.6	2.154	3.107	7.2	20.4
5 11	15 43.54	−28 25.4	2.095	3.088	4.1	20.1
5 21	15 34.01	−27 51.4	2.064	3.068	2.9	20.0
5 31	15 24.70	−27 8.4	2.061	3.048	5.3	20.1
6 10	15 16.53	−26 20.5	2.086	3.027	8.7	20.3
6 20	15 10.21	−25 32.5	2.135	3.006	11.8	20.5

98573 2000 WQ_{31} 5 17.4 78°.35 3°.5/15.9 18

4 11	16 5.97	−12 47.8	1.438	2.288	16.8	19.3
4 21	16 1.04	−12 17.5	1.379	2.302	12.8	19.1
5 1	15 53.38	−11 46.0	1.342	2.316	8.4	18.8
5 11	15 43.93	−11 17.1	1.328	2.329	4.4	18.6
5 21	15 33.87	−10 54.9	1.340	2.343	4.4	18.7
5 31	15 24.51	−10 43.0	1.377	2.357	8.3	18.9
6 10	15 16.98	−10 43.9	1.438	2.370	12.5	19.2
6 20	15 11.94	−10 58.1	1.520	2.384	16.1	19.5

506498 2003 WA_{36} 5 17.4 211°.32 1°.4/18.5 17

4 11	16 3.45	−26 32.5	2.495	3.299	12.0	22.1
4 21	15 58.35	−26 6.3	2.398	3.292	9.4	21.9
5 1	15 51.36	−25 29.3	2.325	3.285	6.3	21.7
5 11	15 43.10	−24 42.2	2.278	3.278	3.0	21.5
5 21	15 34.31	−23 47.0	2.261	3.270	1.7	21.4
5 31	15 25.85	−22 47.2	2.273	3.262	4.7	21.6
6 10	15 18.49	−21 47.4	2.313	3.253	8.0	21.7
6 20	15 12.81	−20 51.7	2.378	3.243	11.0	21.9

318161 2004 QZ_{3} 5 17.4 226°.44 8°.5/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 11.92	−52 42.5	3.247	3.890	12.4	21.7
4 21	16 5.36	−53 36.5	3.145	3.879	11.3	21.6
5 1	15 56.21	−54 14.1	3.062	3.867	10.1	21.5
5 11	15 45.14	−54 31.2	3.002	3.855	9.1	21.4
5 21	15 33.12	−54 25.4	2.964	3.842	8.6	21.4
5 31	15 21.35	−53 56.5	2.952	3.829	8.7	21.4
6 10	15 10.98	−53 7.6	2.964	3.815	9.4	21.4
6 20	15 2.83	−52 3.9	2.998	3.801	10.6	21.5

153813 2001 WE 5 17.4 176°.86 2°.5/15.9 18

4 11	16 3.76	−14 27.1	2.088	2.921	13.0	20.6
4 21	15 58.71	−13 46.7	2.009	2.922	9.9	20.4
5 1	15 51.65	−13 2.7	1.953	2.924	6.5	20.2
5 11	15 43.23	−12 18.4	1.923	2.925	3.2	20.0
5 21	15 34.28	−11 37.2	1.922	2.925	3.3	20.0
5 31	15 25.72	−11 2.9	1.949	2.925	6.6	20.2
6 10	15 18.39	−10 38.4	2.001	2.924	10.0	20.4
6 20	15 12.88	−10 25.6	2.077	2.923	13.1	20.6

280360 2003 SZ_{329} 5 17.4 282°.90 0°.4/17.2 17

4 11	16 2.19	−20 16.2	1.882	2.717	14.1	21.5
4 21	15 57.92	−19 55.0	1.795	2.710	10.8	21.3
5 1	15 51.35	−19 26.1	1.731	2.703	7.0	21.1
5 11	15 43.17	−18 51.1	1.692	2.697	2.8	20.8
5 21	15 34.29	−18 12.7	1.680	2.690	1.7	20.7
5 31	15 25.76	−17 34.8	1.694	2.683	6.1	21.0
6 10	15 18.56	−17 1.7	1.735	2.676	10.1	21.2
6 20	15 13.40	−16 36.9	1.798	2.669	13.7	21.4

40865 1999 TH_{116} 5 17.4 258°.73 0°.7/17.8 18

4 11	16 3.34	−22 28.0	1.958	2.785	13.9	19.5
4 21	15 58.79	−22 19.6	1.867	2.777	10.8	19.3
5 1	15 51.92	−22 2.7	1.799	2.768	7.1	19.0
5 11	15 43.41	−21 37.9	1.756	2.759	3.0	18.7
5 21	15 34.16	−21 7.1	1.740	2.750	1.6	18.6
5 31	15 25.22	−20 33.5	1.752	2.742	5.7	18.9
6 10	15 17.60	−20 1.4	1.789	2.732	9.7	19.1
6 20	15 12.00	−19 34.6	1.850	2.723	13.3	19.3

475768 2006 WZ_{188} 5 17.4 173°.01 0°.3/17.6 18

4 11	16 0.80	−22 44.3	2.459	3.278	11.7	21.6
4 21	15 56.27	−22 15.6	2.374	3.279	9.0	21.5
5 1	15 49.99	−21 38.8	2.312	3.280	5.8	21.3
5 11	15 42.55	−20 55.3	2.277	3.281	2.4	21.0
5 21	15 34.67	−20 7.6	2.271	3.281	1.2	20.9
5 31	15 27.13	−19 19.1	2.293	3.281	4.7	21.2
6 10	15 20.65	−18 33.5	2.343	3.282	8.0	21.4
6 20	15 15.75	−17 53.9	2.417	3.282	10.9	21.6

349897 2009 FM_{24} 5 17.4 70°.85 4°.8/14.3 18

4 11	16 0.26	− 7 21.1	2.128	2.966	12.5	20.3
4 21	15 55.96	− 6 31.5	2.057	2.969	9.8	20.2
5 1	15 49.84	− 5 43.8	2.009	2.972	7.0	20.0
5 11	15 42.50	− 5 2.3	1.988	2.975	5.0	19.9
5 21	15 34.71	− 4 30.7	1.993	2.978	5.4	19.9
5 31	15 27.29	− 4 12.2	2.025	2.981	7.9	20.1
6 10	15 20.99	− 4 8.3	2.082	2.984	10.7	20.2
6 20	15 16.35	− 4 18.9	2.160	2.987	13.4	20.4

10381 Malinsmith 5 17.4 307°.25 5°.2/19.8 18

4 11	16 3.67	−32 29.0	1.859	2.662	15.5	18.1
4 21	15 59.79	−32 57.4	1.744	2.628	12.8	17.9
5 1	15 53.05	−33 12.0	1.649	2.595	9.6	17.6
5 11	15 44.04	−33 9.6	1.578	2.561	6.6	17.3
5 21	15 33.74	−32 48.3	1.532	2.528	5.3	17.2
5 31	15 23.46	−32 9.4	1.512	2.495	7.4	17.2
6 10	15 14.56	−31 18.1	1.516	2.461	11.0	17.3
6 20	15 8.08	−30 21.2	1.543	2.428	14.8	17.5

332262 2006 RN_{37} 5 17.4 277°.12 1°.2/16.4 18

4 11	15 57.35	−15 48.6	3.283	4.106	8.9	21.6
4 21	15 53.31	−15 28.9	3.178	4.087	6.8	21.4
5 1	15 47.97	−15 6.7	3.098	4.069	4.4	21.2
5 11	15 41.75	−14 43.4	3.047	4.050	1.9	21.0
5 21	15 35.12	−14 20.7	3.024	4.031	1.8	20.9
5 31	15 28.62	−14 0.5	3.031	4.011	4.3	21.1
6 10	15 22.79	−13 44.6	3.066	3.992	6.8	21.2
6 20	15 18.05	−13 34.5	3.125	3.972	9.1	21.4

511655 2015 BU_{288} 5 17.4 19°.50 1°.1/18.1 17

4 11	16 1.04	−26 8.1	1.488	2.328	16.9	20.3
4 21	15 57.50	−25 23.3	1.417	2.332	13.1	20.1
5 1	15 51.23	−24 21.8	1.366	2.337	8.7	19.8
5 11	15 43.13	−23 5.9	1.339	2.342	3.8	19.5
5 21	15 34.38	−21 40.6	1.337	2.347	1.9	19.4
5 31	15 26.27	−20 13.4	1.361	2.354	6.6	19.7
6 10	15 19.94	−18 52.5	1.409	2.360	11.2	20.0
6 20	15 16.05	−17 44.0	1.479	2.368	15.2	20.3

265699 2005 UO_{153} 5 17.4 91°.09 0°.1/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.09	−21 24.6	1.758	2.592	15.0	21.1
4 21	15 59.38	−21 6.7	1.686	2.600	11.5	20.9
5 1	15 52.26	−20 40.3	1.636	2.607	7.4	20.7
5 11	15 43.51	−20 6.7	1.610	2.615	3.0	20.4
5 21	15 34.16	−19 28.7	1.612	2.622	1.6	20.3
5 31	15 25.34	−18 50.4	1.640	2.629	6.1	20.6
6 10	15 18.04	−18 16.5	1.694	2.637	10.2	20.9
6 20	15 12.94	−17 50.4	1.770	2.644	13.8	21.1

255724 2006 QH_{125} 5 17.4 223°.05 4°.3/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.90	−10 11.6	1.815	2.653	14.4	21.1
4 21	15 59.96	− 9 29.7	1.731	2.646	11.1	20.9
5 1	15 52.66	− 8 47.3	1.671	2.639	7.6	20.7
5 11	15 43.71	− 8 8.7	1.635	2.631	4.7	20.5
5 21	15 34.03	− 7 38.0	1.627	2.622	5.1	20.5
5 31	15 24.71	− 7 19.0	1.645	2.613	8.3	20.6
6 10	15 16.73	− 7 14.3	1.688	2.604	12.0	20.8
6 20	15 10.83	− 7 24.6	1.752	2.594	15.3	21.0

478279 2011 VQ_{19} 5 17.4 200°.31 4°.6/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.52	− 4 28.7	2.928	3.750	9.9	22.5
4 21	15 54.94	− 3 36.0	2.846	3.746	7.9	22.4
5 1	15 49.00	− 2 45.9	2.790	3.742	5.9	22.3
5 11	15 42.15	− 2 1.9	2.761	3.737	4.7	22.2
5 21	15 34.94	− 1 26.9	2.761	3.732	5.1	22.2
5 31	15 27.96	− 1 3.4	2.788	3.726	6.9	22.3
6 10	15 21.77	− 0 52.6	2.842	3.720	9.0	22.4
6 20	15 16.80	− 0 54.8	2.919	3.713	11.1	22.6

437185 2012 VU_{92} 5 17.4 80°.18 0°.1/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.09	−23 6.2	2.130	2.956	13.0	20.6
4 21	15 56.73	−22 20.2	2.048	2.957	10.0	20.4
5 1	15 50.39	−21 23.8	1.989	2.958	6.5	20.1
5 11	15 42.74	−20 19.3	1.956	2.960	2.6	19.9
5 21	15 34.62	−19 10.2	1.951	2.961	1.4	19.8
5 31	15 26.91	−18 1.4	1.975	2.963	5.4	20.1
6 10	15 20.45	−16 57.9	2.025	2.964	9.0	20.3
6 20	15 15.77	−16 3.7	2.099	2.966	12.2	20.5

503183 2015 GF_{45} 5 17.4 235°.54 6°.5/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.33	− 1 55.8	2.295	3.122	12.1	21.4
4 21	15 56.74	− 0 50.3	2.212	3.111	9.8	21.2
5 1	15 50.36	+ 0 10.9	2.153	3.099	7.7	21.1
5 11	15 42.75	+ 1 2.8	2.121	3.088	6.5	21.0
5 21	15 34.61	+ 1 40.8	2.115	3.076	7.2	21.0
5 31	15 26.73	+ 2 1.8	2.136	3.063	9.2	21.1
6 10	15 19.85	+ 2 4.4	2.180	3.050	11.6	21.2
6 20	15 14.54	+ 1 49.0	2.246	3.037	14.0	21.4

129852 1999 RN_{91} 5 17.4 188°.74 1°.4/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.28	−17 5.4	2.045	2.872	13.4	20.7
4 21	16 0.77	−16 39.4	1.961	2.871	10.3	20.5
5 1	15 53.06	−16 8.3	1.899	2.870	6.6	20.3
5 11	15 43.85	−15 34.3	1.864	2.868	2.8	20.0
5 21	15 34.01	−15 0.1	1.858	2.865	2.4	20.0
5 31	15 24.55	−14 29.2	1.879	2.862	6.2	20.2
6 10	15 16.38	−14 5.1	1.927	2.858	9.9	20.4
6 20	15 10.18	−13 50.2	1.999	2.853	13.3	20.7

204115 2003 WA_{155} 5 17.4 90°.58 4°.7/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.99	− 5 49.3	2.019	2.850	13.4	20.0
4 21	15 59.61	− 5 37.6	1.952	2.859	10.5	19.8
5 1	15 52.21	− 5 31.2	1.908	2.869	7.4	19.6
5 11	15 43.47	− 5 32.8	1.889	2.878	5.0	19.5
5 21	15 34.24	− 5 44.5	1.898	2.887	5.2	19.5
5 31	15 25.45	− 6 7.8	1.934	2.897	7.7	19.7
6 10	15 17.93	− 6 42.5	1.996	2.906	10.7	19.9
6 20	15 12.27	− 7 27.8	2.080	2.915	13.5	20.1

43454 2000 YD_{102} 5 17.4 253°.16 0°.9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.47	−20 21.9	1.668	2.505	15.5	19.3
4 21	16 0.02	−19 42.2	1.576	2.493	11.9	19.0
5 1	15 52.92	−18 51.8	1.507	2.480	7.7	18.7
5 11	15 43.89	−17 53.3	1.462	2.467	3.1	18.4
5 21	15 33.98	−16 50.5	1.444	2.454	2.2	18.3
5 31	15 24.43	−15 49.3	1.453	2.440	7.0	18.6
6 10	15 16.41	−14 55.9	1.487	2.426	11.6	18.8
6 20	15 10.72	−14 14.8	1.542	2.412	15.6	19.0

320643 2008 CO_{105} 5 17.4 332°.16 5°.3/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.44	−29 10.3	1.354	2.187	18.6	20.2
4 21	16 0.98	−30 0.2	1.272	2.177	15.0	19.9
5 1	15 54.08	−30 37.1	1.209	2.168	11.0	19.7
5 11	15 44.51	−30 56.9	1.167	2.159	7.0	19.4
5 21	15 33.59	−30 57.5	1.149	2.151	5.4	19.3
5 31	15 23.03	−30 40.4	1.155	2.143	8.3	19.4
6 10	15 14.46	−30 11.5	1.184	2.136	12.7	19.7
6 20	15 8.99	−29 38.3	1.232	2.130	16.9	19.9

210141 2006 SN_{44} 5 17.4 314°.13 0°.1/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.84	−18 10.9	1.951	2.782	13.8	19.3
4 21	15 59.97	−18 37.0	1.861	2.773	10.7	19.0
5 1	15 52.75	−19 0.7	1.794	2.765	6.9	18.8
5 11	15 43.81	−19 21.9	1.753	2.757	2.8	18.5
5 21	15 34.03	−19 40.6	1.739	2.749	1.5	18.4
5 31	15 24.48	−19 57.8	1.753	2.742	5.8	18.7
6 10	15 16.21	−20 15.4	1.793	2.734	9.8	18.9
6 20	15 9.97	−20 35.4	1.856	2.727	13.3	19.1

334221 2001 TU_{24} 5 17.4 155°.45 0°.5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.71	−23 20.3	4.897	5.701	6.5	20.7
4 21	15 50.14	−23 7.3	4.807	5.703	5.0	20.6
5 1	15 45.75	−22 50.4	4.743	5.706	3.3	20.5
5 11	15 40.84	−22 30.1	4.707	5.709	1.4	20.3
5 21	15 35.73	−22 7.4	4.701	5.711	0.7	20.3
5 31	15 30.76	−21 43.5	4.726	5.714	2.5	20.4
6 10	15 26.27	−21 19.9	4.779	5.716	4.3	20.6
6 20	15 22.51	−20 57.8	4.859	5.718	5.9	20.7

125332 2001 VL_{48} 5 17.4 253°.47 2°.5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.32	−11 58.5	1.916	2.747	14.0	19.5
4 21	16 1.86	−12 5.1	1.823	2.735	10.9	19.3
5 1	15 53.98	−12 13.1	1.752	2.722	7.2	19.0
5 11	15 44.31	−12 24.1	1.707	2.708	3.5	18.8
5 21	15 33.74	−12 39.4	1.690	2.695	3.2	18.7
5 31	15 23.39	−13 0.5	1.700	2.681	7.0	18.9
6 10	15 14.31	−13 28.5	1.737	2.666	10.9	19.1
6 20	15 7.30	−14 4.1	1.797	2.652	14.5	19.3

393044 2013 AA_{18} 5 17.4 133°.76 4°.2/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.72	− 7 20.2	2.365	3.197	11.7	20.7
4 21	15 56.17	− 6 50.1	2.289	3.199	9.1	20.5
5 1	15 49.93	− 6 22.5	2.238	3.200	6.4	20.4
5 11	15 42.57	− 6 0.5	2.212	3.202	4.4	20.2
5 21	15 34.76	− 5 46.9	2.215	3.203	4.7	20.3
5 31	15 27.27	− 5 43.7	2.245	3.205	7.0	20.4
6 10	15 20.79	− 5 52.1	2.300	3.206	9.7	20.6
6 20	15 15.83	− 6 12.0	2.379	3.207	12.2	20.7

318133 2004 PF_{2} 5 17.4 234°.28 7°.1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.66	−38 53.6	2.059	2.822	15.5	20.7
4 21	16 3.32	−39 33.9	1.965	2.814	13.1	20.5
5 1	15 55.12	−39 57.3	1.890	2.805	10.5	20.3
5 11	15 44.81	−39 59.6	1.839	2.796	8.2	20.1
5 21	15 33.47	−39 38.9	1.813	2.786	7.1	20.0
5 31	15 22.49	−38 56.5	1.813	2.776	8.1	20.1
6 10	15 13.12	−37 57.8	1.839	2.766	10.5	20.2
6 20	15 6.27	−36 50.3	1.887	2.756	13.3	20.4

122790 2000 SY_{91} 5 17.4 150°.22 4°.6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.87	−35 34.0	2.377	3.145	13.5	20.4
4 21	16 1.90	−35 37.4	2.295	3.155	11.1	20.3
5 1	15 53.73	−35 25.6	2.234	3.164	8.4	20.1
5 11	15 44.09	−34 56.9	2.199	3.173	5.8	20.0
5 21	15 33.94	−34 11.9	2.191	3.180	4.6	19.9
5 31	15 24.30	−33 13.7	2.211	3.188	5.9	20.0
6 10	15 16.08	−32 7.6	2.259	3.194	8.4	20.2
6 20	15 9.90	−30 59.5	2.332	3.200	11.1	20.4

60184 1999 VM_{16} 5 17.4 57°.44 1°.8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.47	−18 50.2	1.786	2.627	14.4	19.3
4 21	15 57.26	−17 44.9	1.714	2.633	11.0	19.1
5 1	15 50.84	−16 30.8	1.665	2.639	7.0	18.8
5 11	15 42.97	−15 12.0	1.642	2.646	3.0	18.6
5 21	15 34.59	−13 53.9	1.646	2.652	2.9	18.6
5 31	15 26.74	−12 42.5	1.677	2.659	6.8	18.9
6 10	15 20.32	−11 43.2	1.733	2.666	10.7	19.1
6 20	15 15.93	−10 59.0	1.812	2.673	14.1	19.3

147233 2002 XC_{48} 5 17.4 58°.25 2°.3/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.28	−26 58.6	1.467	2.299	17.5	19.3
4 21	16 0.68	−26 44.0	1.408	2.318	13.6	19.1
5 1	15 53.23	−26 14.2	1.370	2.336	9.2	18.8
5 11	15 43.94	−25 30.0	1.355	2.355	4.5	18.6
5 21	15 34.08	−24 34.7	1.365	2.374	2.6	18.5
5 31	15 25.03	−23 34.0	1.401	2.393	6.5	18.8
6 10	15 17.93	−22 35.1	1.461	2.413	10.9	19.1
6 20	15 13.44	−21 43.8	1.544	2.432	14.6	19.4

177685 2005 EE_{264} 5 17.4 251°.46 2°.8/18.7 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.05	−27 2.0	1.881	2.692	15.0	21.4
4 21	16 2.82	−27 13.0	1.776	2.672	12.0	21.1
5 1	15 54.83	−27 12.6	1.693	2.653	8.3	20.8
5 11	15 44.73	−26 59.5	1.635	2.632	4.5	20.6
5 21	15 33.53	−26 33.5	1.604	2.611	3.0	20.4
5 31	15 22.51	−25 57.3	1.601	2.589	6.4	20.6
6 10	15 12.92	−25 15.8	1.623	2.566	10.5	20.8
6 20	15 5.69	−24 34.9	1.668	2.543	14.4	21.0

490749 2010 TR_{87} 5 17.4 164°.23 0°.6/17.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.43	−22 12.5	2.129	2.944	13.4	23.2
4 21	16 1.59	−22 3.6	2.047	2.950	10.3	23.0
5 1	15 53.56	−21 46.9	1.989	2.956	6.7	22.8
5 11	15 44.06	−21 23.0	1.958	2.961	2.8	22.5
5 21	15 33.98	−20 53.6	1.955	2.965	1.4	22.4
5 31	15 24.33	−20 21.9	1.981	2.969	5.4	22.7
6 10	15 16.02	−19 51.7	2.033	2.971	9.1	22.9
6 20	15 9.69	−19 26.5	2.110	2.973	12.3	23.1

142932 2002 VH_{64} 5 17.4 3°.19 1°.7/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.64	−22 45.6	1.081	1.944	20.2	18.7
4 21	16 0.59	−22 59.7	1.015	1.943	15.8	18.4
5 1	15 53.85	−23 2.2	0.967	1.943	10.5	18.1
5 11	15 44.40	−22 52.9	0.939	1.943	4.7	17.8
5 21	15 33.76	−22 33.1	0.934	1.944	2.5	17.7
5 31	15 23.78	−22 7.4	0.951	1.946	8.2	18.0
6 10	15 16.12	−21 42.6	0.990	1.949	13.7	18.3
6 20	15 11.78	−21 24.4	1.047	1.953	18.5	18.6

19089 1978 VZ_{6} 5 17.4 268°.66 0°.1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.82	−21 7.2	2.338	3.163	12.0	19.5
4 21	15 56.47	−20 51.2	2.247	3.156	9.2	19.3
5 1	15 50.26	−20 28.5	2.180	3.149	6.0	19.1
5 11	15 42.76	−20 0.2	2.138	3.142	2.4	18.8
5 21	15 34.70	−19 28.4	2.125	3.136	1.3	18.7
5 31	15 26.92	−18 55.8	2.140	3.129	5.0	18.9
6 10	15 20.20	−18 25.9	2.182	3.122	8.4	19.1
6 20	15 15.12	−18 1.5	2.248	3.115	11.5	19.3

424618 2008 JZ_{24} 5 17.4 328°.76 6°.0/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.06	+ 9 26.4	3.844	4.623	8.6	19.8
4 21	15 53.55	+ 9 41.9	3.767	4.615	7.4	19.7
5 1	15 48.00	+ 9 48.5	3.714	4.608	6.5	19.7
5 11	15 41.77	+ 9 43.8	3.687	4.600	6.0	19.6
5 21	15 35.28	+ 9 26.3	3.687	4.592	6.3	19.6
5 31	15 28.97	+ 8 55.4	3.713	4.585	7.2	19.7
6 10	15 23.26	+ 8 11.7	3.765	4.578	8.4	19.8
6 20	15 18.48	+ 7 16.4	3.840	4.571	9.7	19.9

18846 1999 RB_{28} 5 17.4 287°.91 8°.7/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.69	− 0 3.4	1.803	2.641	14.5	17.7
4 21	15 56.65	+ 1 27.4	1.735	2.636	11.9	17.5
5 1	15 50.48	+ 2 51.5	1.690	2.632	9.7	17.4
5 11	15 42.87	+ 4 1.5	1.669	2.628	8.7	17.3
5 21	15 34.67	+ 4 51.0	1.673	2.624	9.5	17.3
5 31	15 26.87	+ 5 16.1	1.701	2.620	11.7	17.5
6 10	15 20.36	+ 5 15.6	1.751	2.616	14.3	17.6
6 20	15 15.74	+ 4 51.4	1.820	2.612	16.8	17.8

246522 2008 EO_{91} 5 17.4 154°.70 7°.4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.26	+ 7 22.6	2.862	3.655	10.9	20.5
4 21	15 56.23	+ 8 8.4	2.800	3.661	9.3	20.4
5 1	15 49.81	+ 8 44.0	2.763	3.667	8.0	20.3
5 11	15 42.51	+ 9 5.7	2.750	3.673	7.4	20.3
5 21	15 34.90	+ 9 10.9	2.764	3.678	7.8	20.3
5 31	15 27.60	+ 8 58.5	2.804	3.683	9.0	20.4
6 10	15 21.17	+ 8 28.9	2.868	3.687	10.6	20.5
6 20	15 16.03	+ 7 44.0	2.953	3.692	12.1	20.6

364162 2006 HF_{101} 5 17.4 276°.78 2°.7/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.56	−15 9.9	1.529	2.377	16.1	21.5
4 21	16 0.38	−14 40.0	1.437	2.359	12.5	21.2
5 1	15 53.35	−14 5.1	1.366	2.341	8.2	20.9
5 11	15 44.17	−13 28.2	1.319	2.322	3.8	20.6
5 21	15 33.90	−12 53.5	1.297	2.303	3.7	20.5
5 31	15 23.89	−12 25.6	1.301	2.284	8.3	20.7
6 10	15 15.42	−12 9.1	1.329	2.265	13.0	21.0
6 20	15 9.42	−12 6.6	1.377	2.246	17.2	21.2

507682 2013 SF_{54} 5 17.4 303°.95 0°.5/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.12	−20 18.9	1.448	2.299	16.7	21.6
4 21	15 58.85	−19 58.9	1.349	2.273	13.0	21.3
5 1	15 52.56	−19 28.6	1.271	2.246	8.5	21.0
5 11	15 43.92	−18 49.5	1.215	2.220	3.4	20.6
5 21	15 34.02	−18 4.7	1.184	2.195	2.2	20.4
5 31	15 24.27	−17 19.4	1.178	2.169	7.7	20.7
6 10	15 16.10	−16 39.9	1.195	2.144	13.0	20.9
6 20	15 10.55	−16 11.5	1.232	2.119	17.7	21.1

169861 2002 RU_{57} 5 17.4 253°.21 1°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.66	−25 25.3	2.091	2.909	13.5	20.3
4 21	15 58.16	−25 14.3	2.001	2.904	10.5	20.1
5 1	15 51.48	−24 53.0	1.934	2.899	7.1	19.9
5 11	15 43.29	−24 21.5	1.893	2.893	3.4	19.6
5 21	15 34.45	−23 41.8	1.879	2.888	1.9	19.5
5 31	15 25.96	−22 57.2	1.893	2.883	5.3	19.7
6 10	15 18.74	−22 12.3	1.933	2.877	9.0	19.9
6 20	15 13.44	−21 31.5	1.996	2.872	12.4	20.1

14678 Pinney 5 17.4 206°.77 0°.6/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.37	−22 46.0	2.055	2.873	13.7	19.1
4 21	16 1.00	−22 32.7	1.964	2.868	10.6	18.9
5 1	15 53.33	−22 10.5	1.895	2.862	7.0	18.7
5 11	15 44.04	−21 40.1	1.853	2.856	3.0	18.4
5 21	15 34.04	−21 3.3	1.838	2.848	1.5	18.3
5 31	15 24.38	−20 23.6	1.852	2.840	5.6	18.6
6 10	15 16.05	−19 45.4	1.892	2.832	9.5	18.8
6 20	15 9.74	−19 12.8	1.956	2.823	13.0	19.0

217619 2008 VX_{31} 5 17.4 232°.30 1°.6/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.73	−15 33.6	2.157	2.987	12.7	21.1
4 21	15 58.82	−15 18.8	2.066	2.978	9.7	20.9
5 1	15 51.85	−15 1.0	1.999	2.970	6.3	20.7
5 11	15 43.44	−14 41.9	1.958	2.961	2.8	20.4
5 21	15 34.37	−14 24.0	1.945	2.952	2.4	20.4
5 31	15 25.58	−14 9.6	1.960	2.942	6.0	20.6
6 10	15 17.92	−14 1.6	2.001	2.932	9.6	20.8
6 20	15 12.04	−14 1.5	2.066	2.922	12.8	21.0

39025 2000 UA_{59} 5 17.4 43°.70 2°.0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.03	−25 9.3	1.342	2.184	18.2	18.8
4 21	16 0.94	−25 5.0	1.274	2.190	14.2	18.5
5 1	15 53.69	−24 46.9	1.226	2.196	9.5	18.3
5 11	15 44.25	−24 15.1	1.200	2.202	4.5	18.0
5 21	15 33.95	−23 32.1	1.199	2.208	2.4	17.9
5 31	15 24.34	−22 43.2	1.222	2.215	7.1	18.2
6 10	15 16.75	−21 55.6	1.269	2.222	11.9	18.5
6 20	15 12.01	−21 15.2	1.336	2.229	16.2	18.7

31248 1998 DH_{13} 5 17.4 77°.37 9°.2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.36	+ 4 55.1	2.172	2.991	13.0	19.2
4 21	15 55.20	+ 6 41.0	2.121	3.000	11.1	19.1
5 1	15 49.32	+ 8 16.7	2.093	3.009	9.6	19.0
5 11	15 42.36	+ 9 35.4	2.091	3.018	9.2	19.0
5 21	15 35.02	+10 32.1	2.113	3.026	9.9	19.1
5 31	15 28.09	+11 3.8	2.160	3.035	11.5	19.2
6 10	15 22.25	+11 10.5	2.228	3.044	13.3	19.3
6 20	15 17.99	+10 54.3	2.315	3.052	15.1	19.5

419545 2010 OS_{50} 5 17.4 263°.62 0°.3/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.72	−20 14.5	1.775	2.604	15.1	21.6
4 21	16 2.66	−20 19.8	1.671	2.581	11.8	21.3
5 1	15 54.80	−20 18.9	1.588	2.558	7.8	21.0
5 11	15 44.78	−20 11.9	1.530	2.534	3.2	20.7
5 21	15 33.58	−19 59.6	1.499	2.510	1.7	20.5
5 31	15 22.48	−19 44.7	1.496	2.485	6.6	20.8
6 10	15 12.76	−19 30.9	1.518	2.459	11.3	21.0
6 20	15 5.38	−19 22.1	1.562	2.433	15.4	21.1

384759 2011 WL_{90} 5 17.4 275°.31 2°.2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.86	−12 58.7	2.348	3.179	11.8	20.8
4 21	15 57.22	−12 51.3	2.257	3.170	9.0	20.6
5 1	15 50.75	−12 43.4	2.191	3.161	5.9	20.4
5 11	15 42.99	−12 36.7	2.151	3.152	2.9	20.2
5 21	15 34.64	−12 33.2	2.139	3.143	2.8	20.1
5 31	15 26.53	−12 34.7	2.155	3.134	5.8	20.3
6 10	15 19.42	−12 42.7	2.198	3.125	9.0	20.5
6 20	15 13.89	−12 58.3	2.265	3.116	12.0	20.7

150979 2001 TR_{214} 5 17.4 203°.69 5°.1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.23	−33 13.2	1.894	2.687	15.6	20.3
4 21	16 2.14	−33 38.9	1.807	2.685	12.7	20.1
5 1	15 54.30	−33 49.5	1.742	2.683	9.5	19.9
5 11	15 44.49	−33 42.3	1.700	2.681	6.5	19.7
5 21	15 33.81	−33 16.6	1.685	2.679	5.1	19.6
5 31	15 23.55	−32 35.1	1.696	2.676	6.9	19.7
6 10	15 14.91	−31 43.4	1.732	2.673	10.1	19.9
6 20	15 8.72	−30 48.3	1.791	2.670	13.4	20.1

119457 2001 TS_{191} 5 17.4 231°.56 0°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.74	−22 14.7	1.849	2.679	14.5	20.4
4 21	15 59.19	−21 47.3	1.762	2.674	11.2	20.2
5 1	15 52.24	−21 9.7	1.698	2.669	7.3	19.9
5 11	15 43.63	−20 23.7	1.660	2.664	3.0	19.6
5 21	15 34.31	−19 32.1	1.648	2.658	1.6	19.5
5 31	15 25.40	−18 39.6	1.664	2.653	6.1	19.8
6 10	15 17.90	−17 51.4	1.705	2.647	10.2	20.0
6 20	15 12.52	−17 11.8	1.769	2.641	13.9	20.2

146729 2001 XW_{37} 5 17.4 59°.10 5°.4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.90	−38 6.0	2.210	2.979	14.4	19.2
4 21	15 59.11	−38 5.1	2.132	2.989	11.9	19.0
5 1	15 52.04	−37 46.3	2.074	2.998	9.3	18.9
5 11	15 43.49	−37 8.1	2.040	3.007	6.7	18.7
5 21	15 34.42	−36 11.4	2.033	3.017	5.5	18.7
5 31	15 25.92	−34 59.8	2.052	3.027	6.4	18.8
6 10	15 18.91	−33 39.5	2.098	3.037	8.8	18.9
6 20	15 13.99	−32 17.0	2.169	3.046	11.4	19.1

116902 2004 FR_{160} 5 17.4 197.°54 3.°1/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.82	−12 0.8	2.389	3.221	11.5	20.3
4 21	15 56.29	−11 12.1	2.307	3.220	8.8	20.2
5 1	15 50.05	−10 21.6	2.249	3.217	5.9	20.0
5 11	15 42.68	− 9 32.5	2.218	3.215	3.5	19.8
5 21	15 34.85	− 8 48.4	2.216	3.212	3.8	19.8
5 31	15 27.33	− 8 12.7	2.241	3.209	6.4	20.0
6 10	15 20.82	− 7 47.8	2.293	3.206	9.4	20.2
6 20	15 15.83	− 7 35.1	2.368	3.203	12.1	20.3

219063 1996 XU_{29} 5 17.4 133.°38 0.°4/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.54	−18 44.4	1.992	2.819	13.7	21.0
4 21	16 0.26	−18 41.8	1.916	2.827	10.5	20.8
5 1	15 52.78	−18 34.3	1.863	2.834	6.7	20.6
5 11	15 43.80	−18 22.9	1.836	2.841	2.7	20.4
5 21	15 34.24	−18 9.4	1.837	2.847	1.6	20.3
5 31	15 25.11	−17 56.1	1.866	2.854	5.7	20.6
6 10	15 17.33	−17 46.2	1.921	2.860	9.5	20.8
6 20	15 11.53	−17 42.0	2.000	2.865	12.8	21.0

197905 2004 RY_{41} 5 17.5 275.°07 11.°6/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.82	+ 6 15.3	1.927	2.745	14.5	20.8
4 21	15 57.59	+ 9 0.7	1.851	2.723	12.8	20.7
5 1	15 51.20	+11 39.7	1.800	2.702	11.7	20.5
5 11	15 43.24	+14 1.3	1.774	2.680	11.8	20.5
5 21	15 34.53	+15 56.1	1.774	2.657	13.1	20.5
5 31	15 26.05	+17 17.5	1.796	2.635	15.0	20.6
6 10	15 18.72	+18 3.4	1.838	2.612	17.2	20.7
6 20	15 13.25	+18 15.8	1.896	2.589	19.3	20.8

368927 2006 VK_{8} 5 17.5 234.°23 0.°7/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.17	−18 27.4	1.938	2.766	14.0	21.9
4 21	16 1.02	−18 16.4	1.844	2.755	10.8	21.7
5 1	15 53.47	−17 59.7	1.772	2.743	7.0	21.5
5 11	15 44.16	−17 38.8	1.726	2.730	2.8	21.2
5 21	15 34.03	−17 15.6	1.707	2.717	1.9	21.1
5 31	15 24.16	−16 53.2	1.717	2.703	6.2	21.3
6 10	15 15.60	−16 35.2	1.752	2.689	10.3	21.5
6 20	15 9.10	−16 24.6	1.810	2.674	14.0	21.7

46954 1998 SL_{121} 5 17.5 188.°62 1.°8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.01	−16 35.7	2.443	3.269	11.5	19.8
4 21	15 57.18	−15 46.7	2.357	3.268	8.8	19.6
5 1	15 50.62	−14 52.7	2.296	3.267	5.6	19.4
5 11	15 42.91	−13 56.3	2.263	3.265	2.6	19.2
5 21	15 34.76	−13 1.0	2.258	3.263	2.5	19.2
5 31	15 26.94	−12 10.5	2.283	3.261	5.6	19.4
6 10	15 20.16	−11 28.3	2.335	3.258	8.8	19.6
6 20	15 14.93	−10 56.6	2.410	3.254	11.6	19.8

475728 2006 WS_{39} 5 17.5 187.°47 0.°8/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.31	−17 48.9	2.824	3.643	10.3	22.8
4 21	15 56.46	−17 30.3	2.736	3.643	7.9	22.6
5 1	15 50.09	−17 7.8	2.672	3.642	5.0	22.5
5 11	15 42.70	−16 42.8	2.636	3.640	2.0	22.3
5 21	15 34.89	−16 17.2	2.630	3.638	1.6	22.2
5 31	15 27.33	−15 53.3	2.653	3.636	4.5	22.4
6 10	15 20.66	−15 33.2	2.703	3.633	7.4	22.6
6 20	15 15.34	−15 18.9	2.779	3.630	10.0	22.8

107504 2001 DQ_{48} 5 17.5 93.°42 3.°1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.07	−26 30.9	1.587	2.407	17.0	20.5
4 21	16 4.35	−26 59.6	1.523	2.424	13.3	20.3
5 1	15 55.69	−27 16.8	1.479	2.440	9.2	20.1
5 11	15 45.03	−27 20.5	1.459	2.456	5.0	19.9
5 21	15 33.62	−27 10.8	1.466	2.472	3.3	19.8
5 31	15 22.91	−26 50.7	1.499	2.488	6.7	20.1
6 10	15 14.11	−26 25.4	1.557	2.503	10.7	20.3
6 20	15 8.02	−26 0.6	1.637	2.518	14.3	20.6

390482 2014 AK_{4} 5 17.5 268.°13 4.°9/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.62	− 6 39.4	2.110	2.937	13.0	20.9
4 21	16 0.45	− 6 9.5	2.004	2.910	10.3	20.7
5 1	15 53.07	− 5 42.0	1.922	2.882	7.4	20.5
5 11	15 44.03	− 5 20.7	1.865	2.854	5.2	20.3
5 21	15 34.12	− 5 9.0	1.836	2.824	5.5	20.2
5 31	15 24.29	− 5 10.0	1.835	2.794	8.3	20.3
6 10	15 15.51	− 5 25.2	1.859	2.764	11.7	20.5
6 20	15 8.53	− 5 54.8	1.906	2.732	14.9	20.6

181050 2005 PB_{5} 5 17.5 316.°60 0.°2/17.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.61	−19 12.4	1.383	2.235	17.2	19.8
4 21	16 0.10	−19 30.3	1.293	2.216	13.4	19.5
5 1	15 53.45	−19 43.3	1.223	2.198	8.8	19.1
5 11	15 44.34	−19 51.7	1.176	2.181	3.6	18.8
5 21	15 33.92	−19 56.0	1.153	2.164	2.0	18.6
5 31	15 23.69	−19 58.4	1.155	2.148	7.5	18.9
6 10	15 15.16	−20 2.7	1.180	2.132	12.8	19.2
6 20	15 9.40	−20 12.2	1.225	2.117	17.4	19.4

215395 2002 CL_{256} 5 17.5 275.°40 4.°6/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.12	−33 22.7	2.344	3.129	13.2	20.1
4 21	15 59.30	−33 51.4	2.254	3.125	10.8	19.9
5 1	15 52.26	−34 7.9	2.185	3.122	8.1	19.7
5 11	15 43.67	−34 10.0	2.141	3.118	5.7	19.6
5 21	15 34.35	−33 57.2	2.123	3.114	4.6	19.5
5 31	15 25.34	−33 31.2	2.134	3.111	6.0	19.6
6 10	15 17.56	−32 55.8	2.170	3.107	8.6	19.7
6 20	15 11.71	−32 15.8	2.231	3.104	11.3	19.9

429144 2009 UH_{44} 5 17.5 178.°74 1.°8/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.57	−24 18.8	2.160	2.970	13.4	22.6
4 21	16 1.85	−24 36.9	2.074	2.972	10.5	22.4
5 1	15 53.87	−24 47.3	2.011	2.973	7.0	22.2
5 11	15 44.30	−24 49.3	1.974	2.973	3.4	22.0
5 21	15 34.02	−24 43.2	1.965	2.973	2.1	21.9
5 31	15 24.08	−24 30.7	1.985	2.973	5.4	22.1
6 10	15 15.44	−24 15.3	2.031	2.972	8.9	22.3
6 20	15 8.79	−24 0.6	2.102	2.970	12.1	22.5

368883 2006 SO_{32} 5 17.5 326.°30 1.°5/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.67	−22 42.0	1.212	2.073	18.7	20.9
4 21	15 58.25	−22 52.3	1.127	2.054	14.7	20.5
5 1	15 52.45	−22 52.0	1.060	2.035	9.8	20.2
5 11	15 43.99	−22 40.6	1.014	2.018	4.4	19.8
5 21	15 34.12	−22 19.2	0.991	2.001	2.3	19.6
5 31	15 24.54	−21 52.0	0.991	1.986	7.9	19.9
6 10	15 16.87	−21 25.1	1.012	1.972	13.5	20.2
6 20	15 12.26	−21 4.4	1.053	1.958	18.5	20.4

137935 2000 BT_{32} 5 17.5 176.°64 1.°0/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.31	−18 13.3	2.031	2.856	13.5	21.0
4 21	16 0.84	−17 53.3	1.949	2.859	10.4	20.8
5 1	15 53.17	−17 27.7	1.890	2.861	6.7	20.6
5 11	15 43.99	−16 58.4	1.858	2.862	2.7	20.3
5 21	15 34.21	−16 27.6	1.853	2.862	2.0	20.3
5 31	15 24.83	−15 58.9	1.877	2.862	5.9	20.5
6 10	15 16.77	−15 35.7	1.928	2.861	9.7	20.7
6 20	15 10.68	−15 20.5	2.001	2.860	13.0	21.0

248335 2005 QB_{59} 5 17.5 307.°53 5.°6/13.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.31	− 5 27.6	2.128	2.967	12.5	20.4
4 21	15 55.37	− 4 29.4	2.049	2.960	9.9	20.3
5 1	15 49.59	− 3 33.7	1.994	2.953	7.3	20.1
5 11	15 42.56	− 2 45.5	1.965	2.946	5.7	20.0
5 21	15 35.00	− 2 8.9	1.962	2.939	6.3	20.0
5 31	15 27.74	− 1 47.4	1.985	2.932	8.6	20.1
6 10	15 21.55	− 1 42.7	2.032	2.926	11.3	20.3
6 20	15 16.98	− 1 54.6	2.101	2.920	14.0	20.4

286339 2001 XU_{40} 5 17.5 201.°71 3.°1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.16	−30 2.2	2.686	3.474	11.6	20.8
4 21	15 58.95	−30 19.0	2.591	3.471	9.3	20.6
5 1	15 51.87	−30 26.0	2.520	3.467	6.7	20.4
5 11	15 43.47	−30 22.3	2.476	3.463	4.2	20.2
5 21	15 34.49	−30 8.0	2.459	3.459	3.1	20.2
5 31	15 25.76	−29 44.6	2.472	3.454	4.9	20.3
6 10	15 18.08	−29 15.5	2.511	3.449	7.6	20.4
6 20	15 12.02	−28 44.2	2.576	3.444	10.2	20.6

212892 2007 VV_{291} 5 17.5 111.°98 0.°6/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.26	−19 6.0	2.283	3.109	12.2	21.5
4 21	15 57.48	−18 46.8	2.208	3.118	9.3	21.3
5 1	15 50.86	−18 22.4	2.156	3.127	6.0	21.1
5 11	15 43.03	−17 54.2	2.131	3.136	2.4	20.9
5 21	15 34.76	−17 24.5	2.135	3.145	1.6	20.8
5 31	15 26.88	−16 56.3	2.167	3.153	5.1	21.1
6 10	15 20.14	−16 32.5	2.225	3.161	8.5	21.3
6 20	15 15.08	−16 15.4	2.308	3.169	11.4	21.5

143945 2003 YZ_{115} 5 17.5 133.°78 2.°8/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.54	−28 9.9	1.896	2.703	15.1	20.8
4 21	16 2.78	−28 13.1	1.822	2.715	11.9	20.6
5 1	15 54.51	−28 3.6	1.769	2.726	8.2	20.4
5 11	15 44.54	−27 40.7	1.742	2.737	4.5	20.2
5 21	15 33.94	−27 5.6	1.742	2.748	3.0	20.1
5 31	15 23.93	−26 21.8	1.770	2.758	5.9	20.3
6 10	15 15.53	−25 34.8	1.824	2.767	9.6	20.5
6 20	15 9.44	−24 50.1	1.901	2.776	12.9	20.8

290384 2005 SN_{292} 5 17.5 257.°27 5.°2/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.52	− 4 56.5	2.453	3.284	11.3	20.9
4 21	15 55.32	− 3 58.8	2.367	3.272	9.0	20.8
5 1	15 49.47	− 3 3.4	2.306	3.261	6.7	20.6
5 11	15 42.50	− 2 14.6	2.271	3.249	5.3	20.5
5 21	15 35.04	− 1 36.2	2.264	3.237	5.8	20.5
5 31	15 27.82	− 1 11.3	2.283	3.225	7.9	20.6
6 10	15 21.51	− 1 1.6	2.328	3.213	10.4	20.7
6 20	15 16.64	− 1 7.3	2.395	3.201	12.8	20.9

214036 2004 EZ_{14} 5 17.5 337°.54 6°.2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.75	− 3 57.9	1.907	2.747	13.7	19.5
4 21	15 56.66	− 3 15.3	1.832	2.742	10.9	19.3
5 1	15 50.51	− 2 38.1	1.780	2.738	8.2	19.1
5 11	15 42.95	− 2 10.8	1.753	2.734	6.3	19.0
5 21	15 34.81	− 1 57.5	1.752	2.730	6.8	19.0
5 31	15 27.01	− 2 0.8	1.776	2.726	9.2	19.1
6 10	15 20.42	− 2 21.4	1.824	2.723	12.1	19.3
6 20	15 15.66	− 2 58.2	1.893	2.720	14.9	19.5

88472 2001 QW_{111} 5 17.5 329°.91 1°.8/17.9 18 R

4 11	16 8.66	−20 37.3	1.575	2.408	16.4	18.4
4 21	16 3.61	−21 32.6	1.491	2.403	12.8	18.1
5 1	15 55.52	−22 24.9	1.428	2.397	8.6	17.9
5 11	15 45.12	−23 12.2	1.390	2.392	3.9	17.6
5 21	15 33.56	−23 52.2	1.378	2.388	2.4	17.5
5 31	15 22.27	−24 24.8	1.393	2.383	6.9	17.7
6 10	15 12.64	−24 51.9	1.433	2.379	11.4	18.0
6 20	15 5.66	−25 16.7	1.495	2.376	15.4	18.2

192759 1999 TK_{280} 5 17.5 205°.11 4°.5/13.9 18

4 11	16 2.31	− 7 16.5	2.550	3.375	11.1	21.0
4 21	15 57.33	− 6 16.3	2.464	3.369	8.7	20.8
5 1	15 50.71	− 5 16.7	2.404	3.363	6.3	20.6
5 11	15 42.98	− 4 21.7	2.371	3.355	4.6	20.5
5 21	15 34.80	− 3 35.1	2.367	3.347	5.1	20.5
5 31	15 26.88	− 3 0.1	2.391	3.339	7.3	20.6
6 10	15 19.90	− 2 38.8	2.441	3.330	9.9	20.8
6 20	15 14.37	− 2 31.8	2.514	3.320	12.3	20.9

490170 2008 UD_{252} 5 17.5 108°.79 1°.1/16.7 17

4 11	16 2.85	−18 57.4	2.085	2.915	13.1	21.9
4 21	15 58.03	−18 16.2	2.014	2.927	9.9	21.7
5 1	15 51.25	−17 28.5	1.966	2.938	6.3	21.5
5 11	15 43.19	−16 36.8	1.945	2.949	2.6	21.3
5 21	15 34.71	−15 44.6	1.952	2.960	2.1	21.3
5 31	15 26.70	−14 56.2	1.987	2.971	5.7	21.5
6 10	15 19.97	−14 15.2	2.048	2.982	9.3	21.7
6 20	15 15.06	−13 44.5	2.133	2.992	12.3	22.0

318866 2005 TO_{73} 5 17.5 249°.50 0°.8/17.0 18

4 11	16 4.04	−16 24.8	2.831	3.646	10.4	21.2
4 21	15 58.70	−16 31.5	2.723	3.628	8.0	21.0
5 1	15 51.67	−16 36.4	2.640	3.609	5.2	20.8
5 11	15 43.41	−16 40.1	2.586	3.589	2.1	20.6
5 21	15 34.54	−16 43.5	2.561	3.570	1.5	20.5
5 31	15 25.78	−16 47.7	2.566	3.550	4.7	20.7
6 10	15 17.84	−16 54.4	2.599	3.529	7.7	20.9
6 20	15 11.27	−17 4.9	2.657	3.508	10.5	21.0

56407 2000 FA_{22} 5 17.5 337°.44 0°.1/17.5 17

4 11	16 5.88	−17 38.4	1.150	2.012	19.3	19.1
4 21	16 2.27	−18 11.9	1.076	2.004	15.0	18.8
5 1	15 55.04	−18 43.3	1.020	1.997	9.8	18.5
5 11	15 45.03	−19 12.2	0.986	1.991	4.0	18.1
5 21	15 33.62	−19 38.2	0.974	1.985	2.2	18.0
5 31	15 22.62	−20 2.4	0.987	1.980	8.3	18.3
6 10	15 13.74	−20 27.6	1.021	1.976	13.9	18.6
6 20	15 8.11	−20 56.4	1.074	1.973	18.7	18.9

456636 2007 PN_{45} 5 17.5 147°.35 11°.5/13.1 16

4 11	16 10.51	+10 48.8	1.792	2.583	16.4	20.7
4 21	16 4.01	+11 38.3	1.737	2.592	14.3	20.6
5 1	15 55.15	+12 9.1	1.702	2.600	12.5	20.5
5 11	15 44.76	+12 14.6	1.690	2.607	11.6	20.4
5 21	15 33.87	+11 51.2	1.702	2.614	12.0	20.5
5 31	15 23.59	+10 58.5	1.738	2.621	13.4	20.6
6 10	15 14.90	+ 9 39.8	1.797	2.626	15.5	20.7
6 20	15 8.41	+ 8 0.5	1.875	2.631	17.6	20.9

405451 2004 TT_{175} 5 17.5 269°.34 1°.4/17.9 16

4 11	16 8.56	−21 50.8	1.541	2.375	16.7	21.3
4 21	16 3.78	−22 12.2	1.443	2.355	13.2	21.0
5 1	15 55.82	−22 26.9	1.365	2.335	8.8	20.7
5 11	15 45.32	−22 33.7	1.311	2.314	3.9	20.4
5 21	15 33.43	−22 32.4	1.283	2.293	2.2	20.2
5 31	15 21.66	−22 24.8	1.281	2.272	7.2	20.4
6 10	15 11.50	−22 15.3	1.303	2.250	12.3	20.7
6 20	15 4.07	−22 8.4	1.347	2.228	16.8	20.9

94415 2001 TY_{28} 5 17.5 50°.94 4°.6/19.3 18

4 11	16 7.69	−29 6.6	1.338	2.168	19.0	19.4
4 21	16 3.29	−29 37.1	1.268	2.172	15.2	19.1
5 1	15 55.44	−29 52.1	1.216	2.176	10.8	18.9
5 11	15 45.08	−29 48.7	1.187	2.180	6.5	18.7
5 21	15 33.65	−29 26.5	1.181	2.184	4.7	18.6
5 31	15 22.87	−28 49.1	1.200	2.189	7.8	18.8
6 10	15 14.27	−28 4.0	1.241	2.194	12.3	19.0
6 20	15 8.79	−27 19.0	1.304	2.198	16.4	19.3

87250 2000 OX_{47} 5 17.5 307°.65 2°.8/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.47	−25 44.9	1.543	2.378	16.6	18.7
4 21	16 0.07	−26 0.1	1.433	2.343	13.3	18.4
5 1	15 53.54	−26 4.1	1.343	2.309	9.3	18.1
5 11	15 44.46	−25 55.1	1.275	2.275	4.9	17.7
5 21	15 33.88	−25 32.7	1.232	2.241	3.1	17.5
5 31	15 23.25	−24 59.4	1.215	2.207	7.3	17.7
6 10	15 14.11	−24 20.7	1.220	2.173	12.4	17.9
6 20	15 7.64	−23 43.3	1.247	2.140	17.1	18.0

439170 2011 VP_{2} 5 17.5 260°.38 3°.4/14.8 16

4 11	15 59.50	−11 56.3	2.354	3.190	11.6	21.2
4 21	15 55.38	−10 55.7	2.267	3.182	8.9	21.0
5 1	15 49.54	− 9 52.5	2.205	3.173	6.0	20.8
5 11	15 42.54	− 8 50.4	2.169	3.165	3.7	20.6
5 21	15 35.06	− 7 53.6	2.162	3.156	4.1	20.6
5 31	15 27.85	− 7 6.0	2.182	3.148	6.8	20.8
6 10	15 21.63	− 6 30.6	2.229	3.139	9.7	21.0
6 20	15 16.92	− 6 9.1	2.298	3.130	12.5	21.1

37623 Valmiera 5 17.5 333°.10 8°.2/10.2 18

4 11	15 58.02	+ 1 14.3	2.164	2.995	12.6	17.9
4 21	15 54.32	+ 2 58.9	2.097	2.990	10.5	17.8
5 1	15 48.88	+ 4 37.3	2.054	2.987	8.8	17.6
5 11	15 42.27	+ 6 2.6	2.037	2.983	8.2	17.6
5 21	15 35.21	+ 7 9.1	2.045	2.979	9.1	17.6
5 31	15 28.47	+ 7 52.9	2.078	2.976	10.9	17.7
6 10	15 22.77	+ 8 12.6	2.134	2.973	13.0	17.9
6 20	15 18.62	+ 8 9.5	2.208	2.970	15.1	18.0

382922 2004 RW_{324} 5 17.5 214°.75 5°.1/20.7 18

4 11	16 8.64	−36 17.3	2.570	3.329	12.9	22.6
4 21	16 2.69	−36 44.4	2.468	3.320	10.7	22.4
5 1	15 54.45	−36 58.2	2.388	3.310	8.3	22.3
5 11	15 44.57	−36 56.1	2.334	3.299	6.1	22.1
5 21	15 33.92	−36 37.2	2.307	3.288	5.1	22.0
5 31	15 23.51	−36 2.7	2.308	3.276	6.2	22.1
6 10	15 14.34	−35 16.8	2.336	3.264	8.6	22.2
6 20	15 7.12	−34 24.6	2.389	3.250	11.1	22.3

253607 2003 UV_{25} 5 17.5 304°.28 0°.3/17.6 17

4 11	16 1.99	−23 4.4	1.346	2.197	17.7	20.1
4 21	15 59.12	−22 35.1	1.242	2.165	13.9	19.7
5 1	15 52.99	−21 50.1	1.159	2.133	9.3	19.4
5 11	15 44.25	−20 49.9	1.097	2.102	3.9	19.0
5 21	15 34.02	−19 38.0	1.059	2.070	2.1	18.7
5 31	15 23.88	−18 21.2	1.046	2.039	8.1	19.0
6 10	15 15.43	−17 8.7	1.055	2.008	13.9	19.2
6 20	15 9.84	−16 8.6	1.084	1.978	19.0	19.4

64840 2001 YW_{5} 5 17.5 170°.40 4°.2/14.8 18

4 11	16 3.62	− 9 29.8	2.149	2.981	12.7	20.1
4 21	15 58.56	− 8 37.4	2.074	2.985	9.8	19.9
5 1	15 51.59	− 7 45.1	2.023	2.988	6.8	19.7
5 11	15 43.36	− 6 56.8	1.998	2.990	4.5	19.6
5 21	15 34.64	− 6 16.5	2.001	2.992	4.9	19.6
5 31	15 26.31	− 5 47.6	2.032	2.993	7.5	19.8
6 10	15 19.14	− 5 32.4	2.089	2.994	10.5	19.9
6 20	15 13.71	− 5 31.3	2.168	2.994	13.3	20.1

25927 Jagandelman 5 17.5 182°.30 2°.8/16.2 18

4 11	16 7.84	−12 24.4	1.913	2.743	14.1	19.0
4 21	16 2.12	−12 10.5	1.833	2.744	10.8	18.8
5 1	15 54.07	−11 56.2	1.776	2.745	7.1	18.6
5 11	15 44.41	−11 43.7	1.744	2.745	3.6	18.3
5 21	15 34.06	−11 35.6	1.741	2.744	3.5	18.3
5 31	15 24.10	−11 34.2	1.765	2.742	7.0	18.5
6 10	15 15.51	−11 41.6	1.815	2.740	10.8	18.8
6 20	15 8.99	−11 58.5	1.888	2.737	14.1	19.0

55109 2001 QL_{145} 5 17.5 51°.87 5°.9/13.5 18

4 11	15 59.95	− 6 2.2	1.949	2.791	13.4	18.9
4 21	15 55.88	− 4 49.8	1.887	2.799	10.5	18.7
5 1	15 49.90	− 3 40.1	1.848	2.808	7.7	18.5
5 11	15 42.69	− 2 38.8	1.835	2.816	6.0	18.4
5 21	15 35.04	− 1 50.7	1.848	2.825	6.6	18.5
5 31	15 27.83	− 1 19.6	1.887	2.834	9.0	18.6
6 10	15 21.84	− 1 7.2	1.949	2.843	11.8	18.8
6 20	15 17.61	− 1 12.9	2.033	2.852	14.4	19.0

311289 2005 GO_{42} 5 17.5 119°.35 2°.1/16.4 16

4 11	16 6.93	−16 31.2	1.699	2.535	15.3	22.0
4 21	16 1.50	−15 53.0	1.634	2.550	11.6	21.8
5 1	15 53.64	−15 9.6	1.592	2.564	7.5	21.6
5 11	15 44.20	−14 24.2	1.575	2.578	3.3	21.4
5 21	15 34.23	−13 40.7	1.584	2.591	3.0	21.4
5 31	15 24.88	−13 3.6	1.622	2.604	7.0	21.6
6 10	15 17.15	−12 36.7	1.684	2.616	11.0	21.9
6 20	15 11.67	−12 22.2	1.768	2.627	14.5	22.2

33198 Mackewicz 5 17.5 358.°91 1.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.52	−18 5.9	1.946	2.785	13.5	19.3
4 21	15 56.56	−17 45.8	1.867	2.784	10.3	19.0
5 1	15 50.49	−17 20.4	1.810	2.783	6.6	18.8
5 11	15 42.97	−16 51.6	1.778	2.783	2.7	18.6
5 21	15 34.87	−16 22.1	1.774	2.783	2.0	18.5
5 31	15 27.13	−15 55.4	1.796	2.783	5.9	18.8
6 10	15 20.64	−15 34.6	1.844	2.784	9.7	19.0
6 20	15 16.03	−15 22.4	1.915	2.785	13.0	19.2

169509 2002 CV_{269} 5 17.5 197.°05 0.°2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.45	−21 26.1	4.145	4.951	7.5	21.5
4 21	15 53.15	−21 18.1	4.049	4.947	5.8	21.4
5 1	15 47.82	−21 6.2	3.978	4.944	3.7	21.2
5 11	15 41.81	−20 51.1	3.937	4.940	1.5	21.0
5 21	15 35.51	−20 33.8	3.925	4.935	0.8	21.0
5 31	15 29.37	−20 15.4	3.943	4.931	3.0	21.2
6 10	15 23.79	−19 57.7	3.991	4.926	5.1	21.3
6 20	15 19.12	−19 42.1	4.065	4.920	7.0	21.4

265521 2005 MG_{22} 5 17.5 265.°01 2.°6/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.19	−14 35.2	1.740	2.582	14.7	21.2
4 21	15 59.73	−14 7.4	1.650	2.568	11.4	20.9
5 1	15 52.76	−13 35.9	1.581	2.554	7.5	20.7
5 11	15 43.96	−13 3.6	1.538	2.541	3.6	20.4
5 21	15 34.30	−12 33.9	1.521	2.526	3.5	20.4
5 31	15 24.92	−12 10.9	1.531	2.512	7.5	20.6
6 10	15 16.91	−11 58.0	1.565	2.498	11.7	20.8
6 20	15 11.08	−11 57.4	1.621	2.483	15.4	21.0

173367 2000 AM_{82} 5 17.5 143.°54 0.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.87	−20 0.5	1.939	2.764	14.1	21.5
4 21	16 1.32	−19 42.5	1.865	2.774	10.8	21.3
5 1	15 53.49	−19 17.5	1.814	2.784	7.0	21.1
5 11	15 44.15	−18 47.1	1.788	2.793	2.8	20.9
5 21	15 34.25	−18 13.7	1.791	2.801	1.7	20.8
5 31	15 24.85	−17 40.9	1.821	2.809	5.9	21.1
6 10	15 16.89	−17 12.6	1.878	2.816	9.7	21.4
6 20	15 11.01	−16 51.8	1.958	2.822	13.1	21.6

192817 1999 VQ_{79} 5 17.5 116.°88 2.°6/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.30	−26 3.4	2.176	2.980	13.5	20.5
4 21	16 2.35	−26 34.8	2.102	2.994	10.6	20.4
5 1	15 54.16	−26 57.7	2.050	3.007	7.3	20.2
5 11	15 44.43	−27 10.9	2.024	3.020	4.0	20.0
5 21	15 34.10	−27 14.1	2.027	3.033	2.7	19.9
5 31	15 24.18	−27 8.8	2.058	3.045	5.4	20.1
6 10	15 15.63	−26 58.4	2.117	3.057	8.7	20.3
6 20	15 9.11	−26 46.4	2.199	3.068	11.6	20.6

361095 2006 DD 5 17.5 70.°15 14.°9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 25.91	−47 22.3	1.390	2.124	22.9	20.4
4 21	16 19.05	−50 0.0	1.342	2.148	20.4	20.3
5 1	16 6.71	−52 11.0	1.312	2.172	17.9	20.2
5 11	15 49.94	−53 41.8	1.301	2.196	15.9	20.1
5 21	15 31.02	−54 23.4	1.311	2.221	14.9	20.2
5 31	15 13.07	−54 15.7	1.342	2.245	15.3	20.2
6 10	14 58.82	−53 29.1	1.392	2.269	16.6	20.4
6 20	14 49.72	−52 18.6	1.462	2.292	18.4	20.6

373580 2002 AU_{48} 5 17.5 203.°87 1.°2/16.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.71	−17 16.7	2.313	3.136	12.2	21.9
4 21	15 59.44	−16 53.2	2.223	3.131	9.3	21.7
5 1	15 52.23	−16 25.1	2.156	3.126	6.0	21.5
5 11	15 43.66	−15 54.2	2.116	3.120	2.5	21.3
5 21	15 34.52	−15 22.8	2.105	3.113	2.1	21.2
5 31	15 25.67	−14 53.9	2.122	3.105	5.6	21.4
6 10	15 17.92	−14 30.5	2.167	3.097	9.0	21.6
6 20	15 11.88	−14 15.1	2.236	3.088	12.1	21.8

430801 2004 VU_{95} 5 17.5 351.°49 3.°0/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.37	−23 50.9	1.661	2.486	16.1	20.8
4 21	16 3.30	−24 52.0	1.579	2.484	12.7	20.5
5 1	15 55.28	−25 47.6	1.519	2.482	8.7	20.3
5 11	15 45.05	−26 34.6	1.483	2.480	4.7	20.0
5 21	15 33.73	−27 10.7	1.473	2.479	3.3	19.9
5 31	15 22.70	−27 35.8	1.490	2.478	6.8	20.1
6 10	15 13.30	−27 52.4	1.533	2.478	10.9	20.4
6 20	15 6.48	−28 4.6	1.597	2.478	14.6	20.6

387061 2012 TN_{50} 5 17.5 107.°84 2.°1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.89	−15 37.2	2.220	3.052	12.3	21.5
4 21	15 57.17	−14 51.1	2.150	3.064	9.3	21.3
5 1	15 50.65	−14 1.1	2.104	3.076	6.0	21.1
5 11	15 42.99	−13 10.3	2.086	3.088	2.9	20.9
5 21	15 34.93	−12 22.1	2.095	3.099	2.9	21.0
5 31	15 27.30	−11 40.3	2.133	3.110	6.0	21.2
6 10	15 20.84	−11 7.9	2.196	3.121	9.2	21.4
6 20	15 16.04	−10 46.6	2.284	3.132	12.0	21.6

149842 2005 PP_{6} 5 17.5 248.°78 1.°0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.07	−17 19.4	1.856	2.688	14.4	20.2
4 21	16 1.09	−17 16.3	1.763	2.676	11.1	20.0
5 1	15 53.62	−17 9.1	1.692	2.664	7.2	19.7
5 11	15 44.32	−16 59.1	1.646	2.651	2.9	19.4
5 21	15 34.14	−16 47.8	1.628	2.638	2.1	19.3
5 31	15 24.20	−16 38.1	1.638	2.624	6.4	19.6
6 10	15 15.61	−16 32.9	1.672	2.610	10.7	19.8
6 20	15 9.15	−16 34.8	1.730	2.596	14.4	20.0

308054 2004 TQ_{63} 5 17.5 165.°37 3.°0/18.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.00	−26 19.7	1.636	2.454	16.6	21.4
4 21	16 4.47	−26 46.5	1.557	2.458	13.1	21.2
5 1	15 55.95	−27 2.4	1.500	2.460	9.1	20.9
5 11	15 45.27	−27 5.4	1.466	2.463	4.9	20.7
5 21	15 33.64	−26 55.2	1.458	2.465	3.2	20.6
5 31	15 22.50	−26 34.4	1.478	2.466	6.7	20.8
6 10	15 13.16	−26 8.1	1.522	2.467	10.9	21.1
6 20	15 6.49	−25 42.0	1.588	2.468	14.8	21.3

145515 2006 DA_{122} 5 17.5 53.°31 3.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.66	−11 26.0	1.853	2.695	14.0	20.0
4 21	15 58.19	−10 52.2	1.778	2.696	10.7	19.8
5 1	15 51.55	−10 17.8	1.726	2.696	7.2	19.6
5 11	15 43.42	− 9 46.4	1.699	2.697	4.1	19.4
5 21	15 34.68	− 9 21.6	1.699	2.698	4.3	19.4
5 31	15 26.35	− 9 6.6	1.725	2.699	7.5	19.6
6 10	15 19.34	− 9 3.8	1.777	2.700	11.1	19.8
6 20	15 14.28	− 9 13.7	1.850	2.701	14.3	20.0

211840 2004 FJ_{28} 5 17.5 342.°96 4.°5/19.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.57	−30 9.6	1.926	2.732	14.9	20.2
4 21	16 0.09	−30 51.5	1.840	2.728	12.0	20.0
5 1	15 53.04	−31 22.2	1.775	2.725	8.8	19.8
5 11	15 44.10	−31 39.2	1.735	2.721	5.7	19.6
5 21	15 34.27	−31 41.2	1.720	2.718	4.5	19.5
5 31	15 24.74	−31 29.7	1.732	2.715	6.6	19.7
6 10	15 16.66	−31 8.7	1.770	2.713	9.8	19.8
6 20	15 10.83	−30 43.2	1.830	2.711	13.1	20.0

501868 2014 WC_{286} 5 17.5 163.°37 4.°3/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.91	− 9 3.4	1.751	2.588	14.9	21.3
4 21	16 1.55	− 8 43.5	1.678	2.591	11.6	21.1
5 1	15 53.77	− 8 25.9	1.626	2.593	7.9	20.9
5 11	15 44.32	− 8 14.1	1.600	2.596	4.8	20.7
5 21	15 34.19	− 8 11.0	1.601	2.598	4.9	20.7
5 31	15 24.52	− 8 19.1	1.628	2.599	8.1	20.9
6 10	15 16.31	− 8 39.3	1.680	2.601	11.8	21.1
6 20	15 10.26	− 9 11.6	1.755	2.602	15.1	21.3

501691 2014 TJ_{74} 5 17.5 308.°02 3.°3/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.57	−12 48.4	1.206	2.070	18.5	20.7
4 21	16 1.41	−12 47.3	1.110	2.040	14.6	20.4
5 1	15 54.71	−12 47.0	1.033	2.010	9.8	20.0
5 11	15 45.07	−12 50.4	0.977	1.980	4.8	19.6
5 21	15 33.64	−13 0.7	0.944	1.951	4.3	19.5
5 31	15 22.12	−13 20.9	0.934	1.922	9.8	19.7
6 10	15 12.31	−13 53.6	0.945	1.894	15.6	19.9
6 20	15 5.57	−14 39.8	0.975	1.866	20.9	20.1

494683 2003 WJ_{15} 5 17.5 144.°61 0.°6/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.51	−20 38.0	1.688	2.517	15.7	21.5
4 21	16 3.06	−20 52.2	1.612	2.522	12.1	21.3
5 1	15 54.90	−21 0.2	1.558	2.527	7.9	21.0
5 11	15 44.82	−21 1.8	1.528	2.532	3.3	20.8
5 21	15 33.94	−20 57.8	1.525	2.536	1.7	20.7
5 31	15 23.53	−20 50.6	1.550	2.540	6.3	21.0
6 10	15 14.77	−20 43.8	1.600	2.543	10.7	21.2
6 20	15 8.43	−20 40.8	1.672	2.547	14.4	21.5

503499 2016 EX_{198} 5 17.5 2.°40 1.°2/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.14	−17 27.8	1.187	2.053	18.6	20.6
4 21	15 59.05	−17 26.4	1.121	2.052	14.3	20.3
5 1	15 52.72	−17 19.8	1.073	2.051	9.3	20.0
5 11	15 44.05	−17 9.7	1.046	2.052	3.7	19.7
5 21	15 34.36	−16 59.1	1.043	2.053	2.6	19.6
5 31	15 25.24	−16 51.5	1.063	2.055	8.1	20.0
6 10	15 18.13	−16 51.2	1.105	2.059	13.3	20.3
6 20	15 13.92	−17 0.6	1.166	2.063	17.7	20.5

47280 1999 VJ_{161} 5 17.5 341.°95 1.°9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.54	−23 6.4	1.129	1.995	19.4	18.1
4 21	15 57.53	−23 23.2	1.052	1.982	15.2	17.8
5 1	15 52.04	−23 28.9	0.993	1.970	10.2	17.5
5 11	15 43.89	−23 22.9	0.956	1.959	4.7	17.2
5 21	15 34.40	−23 6.1	0.940	1.950	2.6	17.0
5 31	15 25.33	−22 42.6	0.946	1.942	8.0	17.3
6 10	15 18.32	−22 18.6	0.973	1.936	13.5	17.6
6 20	15 14.46	−22 0.1	1.019	1.931	18.4	17.8

156507 2002 CH_{166} 5 17.5 163°.00 0°.1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.20	−20 0.1	1.937	2.765	14.0	20.4
4 21	16 0.19	−19 59.1	1.856	2.767	10.8	20.2
5 1	15 52.89	−19 52.1	1.798	2.768	7.0	20.0
5 11	15 43.98	−19 40.0	1.766	2.770	2.8	19.7
5 21	15 34.41	−19 24.2	1.761	2.771	1.5	19.6
5 31	15 25.23	−19 7.6	1.784	2.773	5.8	19.9
6 10	15 17.41	−18 53.4	1.832	2.774	9.7	20.2
6 20	15 11.63	−18 44.5	1.904	2.774	13.1	20.4

247076 2000 SM_{15} 5 17.5 227°.35 1°.0/16.7 18

4 11	16 0.74	−18 51.6	2.470	3.295	11.4	20.6
4 21	15 56.31	−18 13.4	2.379	3.290	8.7	20.4
5 1	15 50.15	−17 29.0	2.313	3.284	5.6	20.2
5 11	15 42.84	−16 40.7	2.273	3.277	2.3	19.9
5 21	15 35.04	−15 51.2	2.262	3.271	1.8	19.9
5 31	15 27.53	−15 4.0	2.281	3.264	5.2	20.1
6 10	15 21.01	−14 22.7	2.326	3.258	8.4	20.3
6 20	15 16.02	−13 49.8	2.395	3.251	11.3	20.5

210197 2007 PJ_{22} 5 17.5 20°.31 19°.3/25.1 18

4 11	16 14.11	−49 27.8	0.996	1.772	27.6	19.9
4 21	16 11.68	−52 7.2	0.943	1.775	25.2	19.7
5 1	16 2.97	−54 14.8	0.902	1.778	22.7	19.5
5 11	15 48.79	−55 34.4	0.876	1.782	20.6	19.4
5 21	15 31.66	−55 53.2	0.865	1.787	19.4	19.3
5 31	15 15.50	−55 9.3	0.871	1.792	19.5	19.4
6 10	15 3.84	−53 35.1	0.892	1.798	20.9	19.5
6 20	14 58.36	−51 30.1	0.929	1.805	23.0	19.6

483479 2002 PA_{191} 5 17.5 256°.31 20°.2/25.6 17

4 11	16 22.36	−56 24.4	1.290	1.991	25.8	21.8
4 21	16 18.70	−58 46.4	1.216	1.981	24.2	21.6
5 1	16 8.14	−60 40.0	1.153	1.970	22.6	21.5
5 11	15 51.15	−61 48.7	1.105	1.958	21.2	21.3
5 21	15 30.24	−61 57.9	1.073	1.947	20.3	21.2
5 31	15 9.86	−61 1.9	1.056	1.935	20.4	21.2
6 10	14 54.34	−59 9.6	1.056	1.923	21.4	21.2
6 20	14 45.81	−56 39.3	1.071	1.910	23.1	21.3

437962 2002 XE_{14} 5 17.5 206°.21 16°.2/10.9 17

4 11	16 12.93	+15 54.6	1.440	2.226	20.0	21.5
4 21	16 6.66	+17 20.4	1.383	2.222	18.2	21.4
5 1	15 57.31	+18 21.2	1.343	2.217	16.7	21.3
5 11	15 45.81	+18 46.1	1.323	2.211	16.2	21.2
5 21	15 33.45	+18 28.4	1.323	2.205	16.8	21.2
5 31	15 21.72	+17 26.5	1.344	2.197	18.3	21.3
6 10	15 11.93	+15 45.1	1.383	2.189	20.4	21.4
6 20	15 4.91	+13 32.9	1.439	2.180	22.6	21.6

455652 2005 AV_{19} 5 17.5 84°.98 14°.5/13.1 18

4 11	16 10.31	+15 44.1	1.545	2.330	18.9	20.6
4 21	16 4.01	+16 48.3	1.510	2.350	16.9	20.5
5 1	15 55.18	+17 26.5	1.494	2.369	15.3	20.5
5 11	15 44.80	+17 31.2	1.499	2.389	14.5	20.5
5 21	15 34.08	+16 59.1	1.524	2.408	14.8	20.5
5 31	15 24.23	+15 51.3	1.571	2.427	16.0	20.7
6 10	15 16.25	+14 13.3	1.637	2.445	17.7	20.8
6 20	15 10.69	+12 12.6	1.722	2.464	19.4	21.0

312081 2007 TT_{60} 5 17.5 176°.77 0°.4/17.3 16

4 11	16 8.02	−19 37.9	1.839	2.666	14.7	21.9
4 21	16 2.44	−19 25.3	1.758	2.668	11.3	21.7
5 1	15 54.39	−19 5.8	1.699	2.670	7.3	21.4
5 11	15 44.61	−18 40.8	1.667	2.671	2.9	21.1
5 21	15 34.12	−18 12.5	1.661	2.671	1.7	21.1
5 31	15 24.06	−17 44.4	1.684	2.671	6.2	21.3
6 10	15 15.50	−17 20.5	1.732	2.670	10.4	21.6
6 20	15 9.16	−17 4.0	1.803	2.669	14.0	21.8

12083 1998 FS_{121} 5 17.5 9°.12 2°.3/18.4 18

4 11	16 7.42	−25 5.5	1.283	2.125	18.9	17.3
4 21	16 3.14	−25 13.7	1.209	2.125	14.9	17.1
5 1	15 55.41	−25 8.6	1.155	2.125	10.1	16.8
5 11	15 45.16	−24 49.1	1.123	2.125	4.9	16.5
5 21	15 33.81	−24 16.7	1.115	2.125	2.8	16.4
5 31	15 23.06	−23 36.0	1.132	2.125	7.6	16.6
6 10	15 14.45	−22 54.2	1.171	2.125	12.7	16.9
6 20	15 8.94	−22 18.0	1.231	2.125	17.2	17.2

379263 2009 UZ_{44} 5 17.5 349°.70 0°.4/17.3 17

4 11	16 1.52	−19 15.0	1.363	2.219	17.2	20.3
4 21	15 58.30	−19 10.3	1.287	2.214	13.3	20.0
5 1	15 52.12	−18 58.4	1.232	2.209	8.6	19.8
5 11	15 43.81	−18 40.8	1.199	2.205	3.4	19.4
5 21	15 34.54	−18 20.1	1.191	2.202	2.1	19.3
5 31	15 25.72	−18 0.4	1.207	2.199	7.4	19.7
6 10	15 18.67	−17 46.2	1.246	2.198	12.3	19.9
6 20	15 14.24	−17 40.8	1.305	2.197	16.5	20.2

172582 2003 UE_{252} 5 17.5 139°.70 0°.6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.08	−19 52.0	1.843	2.671	14.6	21.3
4 21	16 1.59	−19 28.3	1.770	2.681	11.2	21.1
5 1	15 53.74	−18 57.2	1.720	2.691	7.2	20.9
5 11	15 44.31	−18 20.5	1.696	2.700	2.9	20.6
5 21	15 34.31	−17 41.2	1.699	2.709	1.8	20.5
5 31	15 24.85	−17 3.3	1.730	2.717	6.1	20.8
6 10	15 16.90	−16 31.0	1.787	2.725	10.1	21.1
6 20	15 11.12	−16 7.5	1.867	2.732	13.6	21.3

438573 2007 UN_{7} 5 17.5 170°.30 4°.2/20.7 18

4 11	16 5.41	−34 54.7	2.569	3.339	12.6	21.4
4 21	16 0.02	−34 59.2	2.480	3.342	10.3	21.3
5 1	15 52.61	−34 49.9	2.413	3.345	7.7	21.1
5 11	15 43.85	−34 25.7	2.372	3.347	5.4	20.9
5 21	15 34.55	−33 46.9	2.358	3.349	4.2	20.9
5 31	15 25.65	−32 56.1	2.373	3.350	5.5	20.9
6 10	15 17.97	−31 57.7	2.415	3.351	7.9	21.1
6 20	15 12.11	−30 56.9	2.482	3.352	10.5	21.3

414803 2010 SS_{23} 5 17.5 168°.73 0°.2/17.6 15

4 11	16 7.27	−21 25.3	1.956	2.778	14.1	23.0
4 21	16 1.73	−21 10.8	1.875	2.782	10.9	22.8
5 1	15 53.85	−20 48.3	1.817	2.786	7.1	22.5
5 11	15 44.38	−20 18.8	1.785	2.789	2.9	22.3
5 21	15 34.27	−19 44.5	1.781	2.791	1.5	22.2
5 31	15 24.60	−19 9.0	1.805	2.793	5.8	22.5
6 10	15 16.36	−18 36.4	1.855	2.794	9.7	22.7
6 20	15 10.21	−18 10.5	1.929	2.794	13.2	22.9

303794 2005 SW_{24} 5 17.5 182°.72 2°.5/19.4 18

4 11	16 4.32	−29 21.5	3.277	4.056	9.9	22.1
4 21	15 58.75	−29 41.0	3.182	4.057	7.9	21.9
5 1	15 51.63	−29 52.8	3.112	4.057	5.6	21.8
5 11	15 43.44	−29 56.1	3.069	4.056	3.5	21.6
5 21	15 34.78	−29 50.8	3.056	4.055	2.6	21.5
5 31	15 26.32	−29 38.1	3.072	4.054	4.1	21.6
6 10	15 18.71	−29 20.4	3.117	4.052	6.4	21.8
6 20	15 12.44	−29 0.2	3.189	4.049	8.6	21.9

143045 2002 VJ_{129} 5 17.5 107°.63 0°.2/17.4 17

4 11	16 2.02	−21 13.7	2.202	3.027	12.6	20.2
4 21	15 57.42	−20 42.5	2.125	3.035	9.7	20.0
5 1	15 50.92	−20 3.7	2.072	3.042	6.2	19.8
5 11	15 43.16	−19 19.1	2.045	3.049	2.5	19.5
5 21	15 34.96	−18 31.5	2.046	3.057	1.4	19.5
5 31	15 27.16	−17 44.7	2.076	3.064	5.2	19.7
6 10	15 20.57	−17 2.7	2.132	3.071	8.7	20.0
6 20	15 15.71	−16 28.4	2.212	3.078	11.7	20.2

3120 Dangrania 5 17.5 249°.43 1°.6/16.2 18

4 11	16 0.56	−17 39.1	2.353	3.183	11.8	16.8
4 21	15 56.27	−16 47.7	2.262	3.175	9.0	16.6
5 1	15 50.19	−15 49.9	2.195	3.166	5.8	16.4
5 11	15 42.91	−14 48.5	2.155	3.158	2.5	16.1
5 21	15 35.11	−13 47.3	2.143	3.149	2.4	16.1
5 31	15 27.61	−12 50.2	2.160	3.140	5.7	16.3
6 10	15 21.14	−12 1.2	2.204	3.131	9.0	16.5
6 20	15 16.24	−11 23.1	2.271	3.122	12.0	16.7

292927 2006 VU_{66} 5 17.5 244°.04 0°.8/17.0 18

4 11	16 2.21	−17 48.2	2.354	3.181	11.9	21.0
4 21	15 57.58	−17 38.3	2.263	3.174	9.1	20.8
5 1	15 51.08	−17 24.3	2.196	3.167	5.9	20.6
5 11	15 43.28	−17 7.7	2.155	3.159	2.4	20.3
5 21	15 34.90	−16 50.0	2.143	3.152	1.7	20.3
5 31	15 26.78	−16 33.7	2.159	3.144	5.2	20.5
6 10	15 19.68	−16 21.4	2.201	3.137	8.6	20.7
6 20	15 14.21	−16 15.2	2.268	3.129	11.6	20.9

76021 2000 DH_{34} 5 17.5 158°.94 0°.3/17.7 18

4 11	16 3.39	−21 47.0	2.182	3.004	12.9	20.6
4 21	15 58.58	−21 34.4	2.100	3.007	9.9	20.4
5 1	15 51.74	−21 14.5	2.041	3.010	6.4	20.2
5 11	15 43.54	−20 48.2	2.008	3.012	2.7	20.0
5 21	15 34.79	−20 17.5	2.004	3.014	1.3	19.9
5 31	15 26.40	−19 45.5	2.027	3.016	5.2	20.2
6 10	15 19.22	−19 15.7	2.077	3.018	8.7	20.4
6 20	15 13.85	−18 51.3	2.151	3.019	11.9	20.6

300975 2008 EM_{83} 5 17.5 138°.15 3°.4/14.7 18

4 11	16 0.29	−10 19.4	2.624	3.453	10.7	21.2
4 21	15 55.72	− 9 24.3	2.552	3.462	8.2	21.0
5 1	15 49.66	− 8 28.8	2.505	3.470	5.6	20.8
5 11	15 42.64	− 7 36.2	2.485	3.478	3.6	20.7
5 21	15 35.29	− 6 49.8	2.494	3.485	4.0	20.8
5 31	15 28.26	− 6 12.8	2.532	3.492	6.3	20.9
6 10	15 22.17	− 5 47.1	2.596	3.499	8.8	21.1
6 20	15 17.45	− 5 33.6	2.683	3.506	11.2	21.3

314159 2005 FW_1 5 17.5 9°.49 2°.4/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.29	−16 10.3	1.054	1.933	19.4	20.2
4 21	15 57.06	−15 49.8	0.996	1.934	14.9	20.0
5 1	15 51.50	−15 23.9	0.956	1.938	9.6	19.7
5 11	15 43.60	−14 56.4	0.937	1.942	4.2	19.4
5 21	15 34.76	−14 32.1	0.940	1.948	3.6	19.4
5 31	15 26.63	−14 16.1	0.965	1.956	8.9	19.7
6 10	15 20.61	−14 12.5	1.010	1.965	14.1	20.0
6 20	15 17.54	−14 23.1	1.074	1.975	18.5	20.3

23553 1994 PL_4 5 17.5 300°.69 6°.6/14.1 18

4 11	16 1.88	− 7 21.2	1.491	2.346	16.1	18.0
4 21	15 58.26	− 6 16.3	1.411	2.332	12.7	17.7
5 1	15 51.98	− 5 12.0	1.351	2.318	9.2	17.5
5 11	15 43.76	− 4 15.2	1.315	2.304	6.8	17.3
5 21	15 34.65	− 3 32.3	1.303	2.290	7.5	17.3
5 31	15 25.86	− 3 8.8	1.316	2.276	10.7	17.5
6 10	15 18.59	− 3 7.5	1.350	2.263	14.6	17.6
6 20	15 13.63	− 3 28.2	1.404	2.250	18.2	17.8

382780 2003 SX_{184} 5 17.5 179°.64 0°.9/18.1 17

4 11	16 4.89	−23 3.8	2.536	3.345	11.7	22.1
4 21	15 59.48	−23 2.7	2.448	3.347	9.0	21.9
5 1	15 52.24	−22 54.8	2.384	3.347	6.0	21.7
5 11	15 43.73	−22 40.3	2.346	3.348	2.6	21.5
5 21	15 34.70	−22 20.4	2.338	3.348	1.4	21.4
5 31	15 25.96	−21 57.3	2.359	3.347	4.6	21.6
6 10	15 18.29	−21 33.9	2.407	3.346	7.8	21.8
6 20	15 12.25	−21 13.1	2.481	3.344	10.7	22.0

269957 2000 SJ_{232} 5 17.5 239°.99 8°.3/19.5 17

4 11	16 20.91	−38 56.8	2.278	3.011	15.0	21.1
4 21	16 13.28	−40 48.2	2.172	2.997	12.9	20.9
5 1	16 2.17	−42 29.4	2.089	2.982	10.7	20.7
5 11	15 48.11	−43 52.8	2.031	2.967	8.9	20.6
5 21	15 32.18	−44 51.7	2.002	2.951	8.3	20.5
5 31	15 15.94	−45 23.1	2.001	2.934	9.4	20.6
6 10	15 1.08	−45 29.3	2.027	2.917	11.5	20.7
6 20	14 48.93	−45 16.9	2.076	2.900	13.9	20.8

508440 2016 LH_7 5 17.5 258°.60 3°.3/15.2 17

4 11	16 2.63	−14 27.6	1.942	2.781	13.6	22.0
4 21	15 58.27	−13 20.2	1.848	2.765	10.4	21.8
5 1	15 51.72	−12 6.3	1.778	2.749	6.9	21.6
5 11	15 43.60	−10 50.4	1.733	2.733	3.8	21.3
5 21	15 34.77	− 9 37.6	1.717	2.716	4.2	21.3
5 31	15 26.22	− 8 33.7	1.727	2.699	7.6	21.5
6 10	15 18.90	− 7 43.5	1.763	2.682	11.4	21.7
6 20	15 13.48	− 7 9.8	1.821	2.665	14.8	21.9

394938 2008 XY_1 5 17.5 272°.23 3°.5/19.8 17

4 11	16 10.35	−33 20.0	1.619	2.419	17.6	20.5
4 21	16 5.27	−32 28.6	1.503	2.389	14.4	20.2
5 1	15 56.83	−31 9.9	1.406	2.358	10.4	19.9
5 11	15 45.83	−29 21.4	1.333	2.327	6.0	19.5
5 21	15 33.53	−27 5.2	1.288	2.294	3.6	19.3
5 31	15 21.55	−24 29.8	1.271	2.261	7.3	19.4
6 10	15 11.44	−21 48.5	1.280	2.227	12.4	19.6
6 20	15 4.23	−19 15.4	1.313	2.193	17.3	19.8

131604 2001 XE_{18} 5 17.5 143°.25 1°.5/18.1 18

4 11	16 10.39	−23 2.2	1.688	2.510	16.0	19.6
4 21	16 4.53	−23 16.7	1.614	2.519	12.4	19.4
5 1	15 55.88	−23 22.6	1.562	2.528	8.3	19.2
5 11	15 45.28	−23 19.3	1.534	2.536	3.8	18.9
5 21	15 33.90	−23 7.4	1.533	2.543	2.0	18.8
5 31	15 23.06	−22 49.9	1.560	2.550	6.3	19.1
6 10	15 13.95	−22 31.0	1.612	2.556	10.6	19.3
6 20	15 7.36	−22 15.1	1.687	2.562	14.3	19.6

83091 2001 QJ_{232} 5 17.5 269°.92 0°.6/17.9 17

4 11	16 2.79	−22 1.9	2.201	3.023	12.7	20.4
4 21	15 58.28	−21 58.4	2.104	3.011	9.9	20.2
5 1	15 51.68	−21 47.9	2.030	2.998	6.5	19.9
5 11	15 43.59	−21 30.9	1.982	2.985	2.8	19.7
5 21	15 34.79	−21 8.6	1.961	2.972	1.4	19.5
5 31	15 26.21	−20 43.8	1.969	2.959	5.2	19.8
6 10	15 18.76	−20 19.8	2.003	2.946	8.9	20.0
6 20	15 13.10	−19 59.8	2.061	2.932	12.2	20.1

83305 2001 RS_{108} 5 17.5 204°.17 0°.2/17.6 18

4 11	16 2.83	−20 57.5	2.416	3.235	11.8	20.3
4 21	15 58.01	−20 48.4	2.327	3.233	9.1	20.1
5 1	15 51.34	−20 33.2	2.261	3.230	5.9	19.9
5 11	15 43.40	−20 12.9	2.223	3.226	2.4	19.6
5 21	15 34.91	−19 49.0	2.212	3.223	1.3	19.5
5 31	15 26.71	−19 24.0	2.230	3.219	4.8	19.8
6 10	15 19.56	−19 0.9	2.276	3.215	8.2	20.0
6 20	15 14.03	−18 42.4	2.346	3.210	11.2	20.2

423674 2005 YA_{189} 5 17.5 2°.35 23°.9/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.48	+28 17.8	1.138	1.920	24.4	19.4
4 21	15 53.15	+30 33.6	1.118	1.917	24.0	19.4
5 1	15 48.79	+32 5.1	1.110	1.916	23.9	19.4
5 11	15 42.46	+32 41.9	1.115	1.917	24.2	19.4
5 21	15 35.46	+32 19.2	1.131	1.921	24.8	19.4
5 31	15 29.22	+30 58.0	1.158	1.928	25.5	19.5
6 10	15 24.92	+28 45.5	1.196	1.936	26.4	19.6
6 20	15 23.18	+25 52.3	1.245	1.947	27.3	19.7

282415 2003 UK_{200} 5 17.5 232°.65 3°.3/15.1 18

4 11	16 1.73	−13 9.4	2.191	3.025	12.4	20.8
4 21	15 57.27	−12 8.3	2.103	3.017	9.5	20.6
5 1	15 50.90	−11 3.4	2.039	3.009	6.3	20.4
5 11	15 43.23	− 9 58.5	2.002	3.000	3.7	20.2
5 21	15 35.01	− 8 57.9	1.993	2.991	4.0	20.2
5 31	15 27.09	− 8 6.3	2.012	2.982	7.0	20.4
6 10	15 20.27	− 7 27.1	2.057	2.972	10.2	20.6
6 20	15 15.12	− 7 2.1	2.125	2.962	13.2	20.8

488665 2003 SR_{364} 5 17.5 180°.28 0°.3/17.3 17

4 11	16 3.27	−20 27.8	2.108	2.934	13.1	22.3
4 21	15 58.55	−20 3.0	2.024	2.935	10.0	22.1
5 1	15 51.76	−19 30.9	1.964	2.935	6.5	21.9
5 11	15 43.58	−18 53.1	1.931	2.935	2.6	21.6
5 21	15 34.83	−18 12.4	1.925	2.935	1.5	21.6
5 31	15 26.46	−17 32.3	1.947	2.934	5.5	21.8
6 10	15 19.32	−16 56.7	1.995	2.934	9.2	22.1
6 20	15 14.02	−16 28.7	2.067	2.933	12.4	22.3

480737 2016 NO_8 5 17.5 334°.33 3°.7/16.2 17

4 11	16 3.38	−10 25.2	1.609	2.458	15.4	20.1
4 21	15 59.26	−10 20.5	1.528	2.449	12.0	19.9
5 1	15 52.56	−10 18.2	1.469	2.441	8.1	19.6
5 11	15 44.01	−10 21.1	1.434	2.433	4.4	19.4
5 21	15 34.58	−10 31.8	1.424	2.426	4.4	19.4
5 31	15 25.48	−10 52.1	1.440	2.420	8.0	19.6
6 10	15 17.84	−11 23.1	1.480	2.414	12.1	19.8
6 20	15 12.44	−12 4.8	1.541	2.408	15.8	20.0

395494 2011 US_{87} 5 17.5 328°.83 1°.2/17.0 17

4 11	16 3.95	−14 56.4	2.148	2.978	12.7	20.5
4 21	15 59.09	−15 12.4	2.061	2.973	9.8	20.3
5 1	15 52.17	−15 28.0	1.997	2.969	6.3	20.1
5 11	15 43.78	−15 43.7	1.960	2.964	2.7	19.8
5 21	15 34.71	−16 0.4	1.951	2.959	2.0	19.7
5 31	15 25.90	−16 19.2	1.969	2.955	5.6	20.0
6 10	15 18.21	−16 41.4	2.015	2.951	9.2	20.2
6 20	15 12.31	−17 7.9	2.084	2.947	12.4	20.4

272693 2005 XA_{82} 5 17.5 143°.23 1°.3/16.8 17

4 11	16 5.54	−16 44.8	2.183	3.008	12.8	22.3
4 21	16 0.08	−16 26.2	2.109	3.018	9.7	22.2
5 1	15 52.65	−16 3.9	2.058	3.028	6.2	22.0
5 11	15 43.91	−15 39.5	2.034	3.037	2.6	21.7
5 21	15 34.69	−15 15.4	2.038	3.046	2.1	21.7
5 31	15 25.88	−14 54.3	2.071	3.054	5.6	22.0
6 10	15 18.31	−14 39.1	2.130	3.061	9.1	22.2
6 20	15 12.54	−14 31.5	2.214	3.068	12.1	22.4

233806 2008 UO_{143} 5 17.5 54°.90 0°.8/17.1 17

4 11	16 2.53	−19 24.3	1.909	2.744	13.9	20.7
4 21	15 58.17	−18 56.1	1.829	2.744	10.6	20.5
5 1	15 51.61	−18 20.8	1.773	2.745	6.9	20.2
5 11	15 43.54	−17 40.6	1.741	2.746	2.7	20.0
5 21	15 34.87	−16 58.4	1.737	2.746	1.9	19.9
5 31	15 26.61	−16 18.4	1.760	2.747	6.0	20.2
6 10	15 19.67	−15 44.7	1.808	2.747	9.9	20.4
6 20	15 14.71	−15 20.2	1.879	2.748	13.3	20.6

66821 1999 UC_{21} 5 17.5 180°.59 4°.3/14.2 18

4 11	16 2.22	− 9 16.0	2.350	3.180	11.8	20.0
4 21	15 57.40	− 8 7.7	2.272	3.181	9.1	19.8
5 1	15 50.87	− 6 58.7	2.219	3.182	6.4	19.6
5 11	15 43.19	− 5 53.4	2.193	3.182	4.5	19.5
5 21	15 35.08	− 4 56.0	2.196	3.182	5.0	19.5
5 31	15 27.30	− 4 10.5	2.226	3.181	7.4	19.7
6 10	15 20.57	− 3 39.3	2.283	3.180	10.1	19.9
6 20	15 15.39	− 3 23.4	2.362	3.178	12.7	20.0

12778 1994 VJ_1 5 17.5 253°.29 1°.6/16.7 18

4 11	16 3.81	−15 32.9	2.037	2.870	13.2	18.4
4 21	15 59.09	−15 22.9	1.949	2.863	10.2	18.2
5 1	15 52.22	−15 10.3	1.883	2.855	6.6	18.0
5 11	15 43.82	−14 56.6	1.844	2.847	2.9	17.7
5 21	15 34.72	−14 44.0	1.831	2.839	2.4	17.6
5 31	15 25.89	−14 35.1	1.847	2.831	6.1	17.9
6 10	15 18.26	−14 32.2	1.888	2.823	9.9	18.1
6 20	15 12.51	−14 37.1	1.953	2.814	13.2	18.3

100679 1997 XV_{10} 5 17.5 192°.28 0°.8/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.02	−23 50.6	1.908	2.725	14.6	20.7
4 21	16 2.48	−23 28.1	1.821	2.724	11.4	20.5
5 1	15 54.46	−22 54.7	1.756	2.722	7.5	20.2
5 11	15 44.72	−22 11.1	1.716	2.719	3.2	20.0
5 21	15 34.25	−21 19.9	1.705	2.715	1.6	19.8
5 31	15 24.22	−20 25.4	1.721	2.710	5.9	20.1
6 10	15 15.66	−19 33.1	1.764	2.705	10.0	20.3
6 20	15 9.32	−18 47.8	1.831	2.699	13.6	20.6

249260 2008 SQ_{68} 5 17.5 279°.67 2°.7/18.9 18

4 11	16 4.23	−27 26.2	1.857	2.675	14.9	20.4
4 21	15 59.87	−27 30.6	1.764	2.664	11.9	20.2
5 1	15 52.96	−27 22.9	1.693	2.653	8.2	19.9
5 11	15 44.18	−27 2.3	1.645	2.642	4.5	19.7
5 21	15 34.52	−26 29.5	1.624	2.631	2.9	19.6
5 31	15 25.17	−25 47.7	1.630	2.620	6.1	19.7
6 10	15 17.26	−25 2.3	1.661	2.609	10.0	19.9
6 20	15 11.58	−24 18.6	1.716	2.598	13.7	20.1

387571 2001 SN_{332} 5 17.5 239°.03 0°.5/17.8 16

4 11	16 2.57	−22 1.3	2.324	3.144	12.2	22.2
4 21	15 57.95	−21 50.9	2.231	3.137	9.4	21.9
5 1	15 51.38	−21 33.3	2.162	3.129	6.2	21.7
5 11	15 43.45	−21 9.4	2.119	3.122	2.6	21.5
5 21	15 34.93	−20 40.9	2.103	3.114	1.3	21.4
5 31	15 26.67	−20 10.4	2.117	3.106	5.0	21.6
6 10	15 19.50	−19 41.3	2.157	3.098	8.5	21.8
6 20	15 14.02	−19 16.9	2.221	3.089	11.6	22.0

45960 2001 BX 5 17.5 290°.14 20°.4/25.3 18

4 11	16 17.61	−54 3.9	1.166	1.897	26.6	18.5
4 21	16 14.91	−56 32.9	1.096	1.888	24.8	18.3
5 1	16 5.61	−58 32.8	1.039	1.879	23.0	18.1
5 11	15 50.19	−59 47.0	0.996	1.870	21.4	18.0
5 21	15 31.07	−60 1.0	0.969	1.861	20.5	17.9
5 31	15 12.47	−59 9.6	0.957	1.853	20.5	17.9
6 10	14 58.50	−57 22.2	0.961	1.844	21.7	17.9
6 20	14 51.25	−54 57.4	0.980	1.836	23.6	18.0

291772 2006 KT_{28} 5 17.5 263°.21 0°.5/17.3 17

4 11	16 5.49	−20 57.7	1.652	2.488	15.7	21.0
4 21	16 1.08	−20 26.3	1.555	2.470	12.2	20.8
5 1	15 53.88	−19 44.0	1.479	2.451	8.0	20.5
5 11	15 44.61	−18 52.6	1.427	2.432	3.2	20.1
5 21	15 34.30	−17 55.3	1.402	2.412	2.0	20.0
5 31	15 24.25	−16 57.7	1.403	2.392	7.0	20.2
6 10	15 15.71	−16 5.9	1.429	2.371	11.8	20.5
6 20	15 9.57	−15 25.1	1.477	2.351	16.0	20.7

47061 1998 XZ_{43} 5 17.5 126°.50 1°.5/16.8 18

4 11	16 5.50	−14 25.9	2.189	3.015	12.7	18.0
4 21	16 0.11	−14 31.2	2.112	3.022	9.7	17.9
5 1	15 52.72	−14 35.6	2.058	3.028	6.3	17.7
5 11	15 43.98	−14 40.3	2.032	3.035	2.7	17.4
5 21	15 34.69	−14 46.3	2.033	3.041	2.2	17.4
5 31	15 25.75	−14 55.4	2.063	3.047	5.7	17.6
6 10	15 18.00	−15 8.8	2.120	3.052	9.1	17.9
6 20	15 12.03	−15 27.9	2.201	3.058	12.1	18.1

70284 1999 RQ_{114} 5 17.5 119°.98 0°.5/17.8 18

4 11	16 7.87	−22 7.0	1.725	2.552	15.5	19.4
4 21	16 2.41	−21 56.1	1.656	2.565	11.9	19.2
5 1	15 54.39	−21 36.2	1.609	2.578	7.8	18.9
5 11	15 44.67	−21 8.2	1.587	2.590	3.2	18.7
5 21	15 34.34	−20 34.5	1.591	2.602	1.6	18.6
5 31	15 24.61	−19 59.1	1.623	2.613	6.1	18.9
6 10	15 16.53	−19 26.6	1.681	2.624	10.3	19.2
6 20	15 10.78	−19 0.9	1.761	2.634	13.9	19.4

243008 2006 UO_{67} 5 17.5 288°.45 6°.2/12.4 18

4 11	15 59.40	− 5 54.3	2.115	2.955	12.6	20.2
4 21	15 55.52	− 4 19.6	2.036	2.946	10.0	20.0
5 1	15 49.80	− 2 45.3	1.980	2.937	7.5	19.9
5 11	15 42.82	− 1 17.3	1.951	2.927	6.2	19.8
5 21	15 35.31	− 0 1.8	1.949	2.918	7.0	19.8
5 31	15 28.10	+ 0 56.3	1.973	2.909	9.3	19.9
6 10	15 21.97	+ 1 34.0	2.022	2.900	12.1	20.1
6 20	15 17.45	+ 1 51.1	2.091	2.892	14.6	20.2

467345 2002 WD_{27} 5 17.5 262°.48 0°.3/17.7 18

4 11	16 5.92	−22 20.0	1.897	2.722	14.4	22.1
4 21	16 1.14	−21 59.3	1.791	2.699	11.2	21.8
5 1	15 53.81	−21 28.6	1.707	2.676	7.4	21.5
5 11	15 44.57	−20 48.4	1.648	2.652	3.1	21.2
5 21	15 34.34	−20 1.1	1.616	2.627	1.6	21.0
5 31	15 24.28	−19 10.7	1.612	2.602	6.2	21.3
6 10	15 15.53	−18 22.6	1.635	2.576	10.6	21.5
6 20	15 8.93	−17 41.7	1.680	2.550	14.6	21.7

202721 2007 HF_{36} 5 17.5 144°.04 4°.8/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.83	−18 57.8	1.139	1.996	19.9	20.6
4 21	16 4.02	−16 31.3	1.075	2.002	15.2	20.3
5 1	15 55.78	−13 45.3	1.031	2.008	9.9	20.0
5 11	15 45.28	−10 51.0	1.012	2.014	5.3	19.8
5 21	15 34.06	− 8 3.8	1.019	2.019	6.4	19.9
5 31	15 23.79	− 5 39.0	1.051	2.023	11.4	20.1
6 10	15 15.84	− 3 47.3	1.106	2.027	16.4	20.4
6 20	15 10.97	− 2 32.1	1.179	2.030	20.7	20.7

471080 2009 WM_{183} 5 17.5 223°.48 3°.0/15.9 17

4 11	16 4.86	−11 55.1	2.052	2.884	13.2	22.0
4 21	15 59.83	−11 33.8	1.965	2.877	10.2	21.8
5 1	15 52.67	−11 12.0	1.901	2.870	6.8	21.6
5 11	15 44.01	−10 52.2	1.863	2.862	3.7	21.4
5 21	15 34.67	−10 37.3	1.853	2.854	3.7	21.4
5 31	15 25.62	−10 29.8	1.870	2.846	6.9	21.5
6 10	15 17.77	−10 31.9	1.914	2.837	10.4	21.7
6 20	15 11.76	−10 44.5	1.980	2.828	13.6	21.9

244594 2002 XA_{83} 5 17.5 108°.11 3°.3/15.1 18

4 11	16 1.31	−12 13.8	2.296	3.129	11.9	20.8
4 21	15 56.70	−11 14.3	2.228	3.142	9.1	20.6
5 1	15 50.39	−10 13.0	2.185	3.154	6.1	20.5
5 11	15 43.01	− 9 13.8	2.169	3.166	3.6	20.3
5 21	15 35.27	− 8 20.4	2.181	3.177	4.0	20.4
5 31	15 27.93	− 7 36.7	2.222	3.189	6.6	20.5
6 10	15 21.69	− 7 5.2	2.288	3.200	9.5	20.7
6 20	15 17.02	− 6 47.0	2.377	3.211	12.1	20.9

254278 2004 RE_{207} 5 17.5 303°.99 8°.7/ 8.9 18

4 11	15 58.82	+ 0 30.2	2.106	2.939	12.9	19.9
4 21	15 55.23	+ 2 36.1	2.017	2.912	10.8	19.7
5 1	15 49.73	+ 4 39.9	1.952	2.885	9.2	19.6
5 11	15 42.85	+ 6 33.4	1.914	2.858	8.8	19.5
5 21	15 35.30	+ 8 9.0	1.901	2.832	9.9	19.5
5 31	15 27.92	+ 9 20.6	1.914	2.805	12.0	19.6
6 10	15 21.53	+10 5.2	1.948	2.779	14.4	19.7
6 20	15 16.77	+10 22.9	2.001	2.753	16.8	19.8

300901 2008 BH_{33} 5 17.5 144°.44 5°.7/21.8 18

4 11	16 7.27	−39 58.6	2.855	3.592	12.2	21.5
4 21	16 1.44	−40 30.0	2.771	3.601	10.3	21.4
5 1	15 53.58	−40 47.4	2.709	3.610	8.3	21.2
5 11	15 44.34	−40 48.5	2.672	3.618	6.5	21.1
5 21	15 34.53	−40 32.7	2.662	3.626	5.7	21.1
5 31	15 25.09	−40 1.3	2.679	3.634	6.3	21.1
6 10	15 16.85	−39 18.1	2.723	3.641	7.9	21.2
6 20	15 10.43	−38 27.8	2.793	3.648	9.9	21.4

90849 1996 EU_{9} 5 17.5 228°.93 1°.4/18.1 16

4 11	16 8.88	−23 29.7	1.725	2.548	15.7	20.9
4 21	16 3.61	−23 32.7	1.632	2.538	12.3	20.6
5 1	15 55.50	−23 26.1	1.560	2.527	8.2	20.4
5 11	15 45.26	−23 9.4	1.513	2.515	3.7	20.1
5 21	15 34.00	−22 43.7	1.493	2.503	2.0	19.9
5 31	15 23.03	−22 12.1	1.499	2.490	6.5	20.2
6 10	15 13.62	−21 39.7	1.532	2.476	11.0	20.4
6 20	15 6.68	−21 11.5	1.586	2.462	15.0	20.6

138715 2000 SK_{129} 5 17.5 132°.69 3°.2/14.6 18

4 11	16 0.87	−11 1.5	2.824	3.649	10.2	19.7
4 21	15 56.03	− 9 54.5	2.754	3.662	7.8	19.6
5 1	15 49.82	− 8 46.5	2.711	3.675	5.3	19.4
5 11	15 42.76	− 7 40.8	2.695	3.688	3.4	19.3
5 21	15 35.41	− 6 41.0	2.710	3.700	3.8	19.4
5 31	15 28.40	− 5 50.3	2.753	3.711	5.9	19.5
6 10	15 22.28	− 5 11.1	2.824	3.722	8.4	19.7
6 20	15 17.47	− 4 44.2	2.918	3.733	10.6	19.9

416453 2003 WU_{4} 5 17.5 191°.10 3°.5/19.2 17

4 11	16 9.71	−28 26.6	1.884	2.688	15.3	22.0
4 21	16 4.06	−28 53.2	1.797	2.687	12.2	21.8
5 1	15 55.67	−29 8.5	1.732	2.686	8.6	21.5
5 11	15 45.29	−29 10.4	1.692	2.684	5.1	21.3
5 21	15 34.01	−28 58.2	1.678	2.681	3.6	21.2
5 31	15 23.09	−28 34.1	1.692	2.678	6.4	21.4
6 10	15 13.75	−28 3.0	1.732	2.675	10.1	21.6
6 20	15 6.81	−27 30.2	1.796	2.671	13.6	21.8

260575 2005 EZ_{267} 5 17.5 114°.55 0°.2/17.4 18

4 11	16 7.77	−20 45.0	1.710	2.539	15.5	21.4
4 21	16 2.28	−20 23.8	1.643	2.555	11.9	21.2
5 1	15 54.28	−19 54.3	1.599	2.570	7.6	21.0
5 11	15 44.63	−19 18.2	1.580	2.584	3.0	20.8
5 21	15 34.42	−18 38.5	1.588	2.598	1.7	20.7
5 31	15 24.85	−17 59.5	1.623	2.612	6.3	21.0
6 10	15 16.93	−17 25.8	1.684	2.625	10.4	21.3
6 20	15 11.33	−17 0.9	1.768	2.637	14.0	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
349002 2006 UY_{249}			5 17.5 152°.16		0°.1/17.6 17	
	h m	° ′			°	m
4 11	16 2.43	−21 0.7	2.687	3.502	10.9	22.2
4 21	15 57.47	−20 49.7	2.605	3.508	8.4	22.0
5 1	15 50.88	−20 33.1	2.547	3.514	5.4	21.8
5 11	15 43.22	−20 11.9	2.516	3.520	2.2	21.6
5 21	15 35.15	−19 47.6	2.515	3.525	1.1	21.5
5 31	15 27.37	−19 22.5	2.542	3.530	4.4	21.8
6 10	15 20.57	−18 59.2	2.598	3.535	7.4	22.0
6 20	15 15.24	−18 40.2	2.678	3.539	10.1	22.1
431925 2008 TR_{100}			5 17.5 269°.30		0°.1/17.5 17	
4 11	16 3.38	−20 40.2	1.901	2.733	14.1	21.5
4 21	15 59.01	−20 24.2	1.811	2.723	10.9	21.2
5 1	15 52.30	−20 0.5	1.742	2.713	7.1	21.0
5 11	15 43.91	−19 30.3	1.699	2.703	2.9	20.7
5 21	15 34.76	−18 56.0	1.682	2.693	1.6	20.6
5 31	15 25.91	−18 21.1	1.693	2.683	6.0	20.9
6 10	15 18.37	−17 50.0	1.730	2.672	10.1	21.1
6 20	15 12.87	−17 26.1	1.789	2.662	13.7	21.3
380469 2003 UK_{343}			5 17.5 110°.56		3°.8/14.9 17	
4 11	16 2.32	−12 1.1	2.052	2.890	13.0	21.3
4 21	15 57.66	−10 55.7	1.986	2.900	9.9	21.1
5 1	15 51.10	− 9 48.1	1.942	2.911	6.7	21.0
5 11	15 43.32	− 8 43.0	1.926	2.922	4.1	20.8
5 21	15 35.12	− 7 45.0	1.937	2.932	4.5	20.9
5 31	15 27.38	− 6 58.2	1.976	2.942	7.3	21.1
6 10	15 20.88	− 6 25.6	2.040	2.952	10.4	21.3
6 20	15 16.12	− 6 8.3	2.126	2.961	13.3	21.5
366858 2005 SO_{42}			5 17.5 207°.50		0°.8/18.0 17	
4 11	16 5.97	−23 16.0	2.247	3.060	12.8	22.9
4 21	16 0.62	−23 4.0	2.153	3.054	10.0	22.7
5 1	15 53.16	−22 43.5	2.082	3.047	6.6	22.5
5 11	15 44.21	−22 15.0	2.038	3.040	2.9	22.3
5 21	15 34.61	−21 40.1	2.022	3.032	1.4	22.1
5 31	15 25.31	−21 2.0	2.035	3.024	5.2	22.4
6 10	15 17.20	−20 24.7	2.075	3.015	8.8	22.6
6 20	15 10.94	−19 51.8	2.140	3.005	12.1	22.8
462824 2010 SG_{9}			5 17.5 275°.37		3°.0/15.9 17	
4 11	16 3.77	−15 17.5	1.527	2.376	16.0	21.3
4 21	15 59.75	−14 31.8	1.442	2.365	12.4	21.0
5 1	15 53.00	−13 39.8	1.379	2.353	8.1	20.7
5 11	15 44.25	−12 45.6	1.339	2.342	4.0	20.4
5 21	15 34.57	−11 54.2	1.325	2.330	4.0	20.4
5 31	15 25.26	−11 11.4	1.337	2.318	8.3	20.6
6 10	15 17.51	−10 41.9	1.372	2.306	12.8	20.9
6 20	15 12.17	−10 28.6	1.427	2.294	16.8	21.1
70515 1999 TO_{105}			5 17.5 221°.37		5°.4/19.9 18	
4 11	16 10.24	−33 41.5	2.295	3.068	13.8	19.8
4 21	16 4.30	−34 36.7	2.198	3.061	11.4	19.6
5 1	15 55.80	−35 20.8	2.123	3.053	8.7	19.5
5 11	15 45.38	−35 50.3	2.074	3.045	6.3	19.3
5 21	15 33.95	−36 3.0	2.052	3.036	5.4	19.2
5 31	15 22.69	−35 59.0	2.057	3.027	6.8	19.3
6 10	15 12.74	−35 41.7	2.090	3.018	9.4	19.4
6 20	15 4.93	−35 16.3	2.146	3.008	12.2	19.6
276625 2003 UA_{146}			5 17.5 279°.22		0°.9/17.1 18	
4 11	16 5.74	−17 0.6	2.092	2.918	13.2	20.6
4 21	16 0.81	−17 0.2	1.979	2.890	10.2	20.3
5 1	15 53.54	−16 56.5	1.890	2.860	6.7	20.1
5 11	15 44.48	−16 50.5	1.826	2.830	2.8	19.8
5 21	15 34.43	−16 43.5	1.791	2.800	1.9	19.6
5 31	15 24.40	−16 37.7	1.783	2.769	6.1	19.8
6 10	15 15.44	−16 35.7	1.802	2.738	10.2	20.0
6 20	15 8.35	−16 40.0	1.845	2.706	13.8	20.2
401836 1999 TX_{295}			5 17.5 209°.37		0°.5/18.1 18	
4 11	15 57.78	−22 58.1	4.142	4.944	7.6	22.4
4 21	15 53.49	−22 50.3	4.042	4.937	5.9	22.3
5 1	15 48.15	−22 38.1	3.968	4.930	3.8	22.1
5 11	15 42.11	−22 21.9	3.922	4.923	1.7	21.9
5 21	15 35.76	−22 2.7	3.906	4.916	0.9	21.9
5 31	15 29.57	−21 41.7	3.920	4.908	3.0	22.0
6 10	15 23.94	−21 20.7	3.963	4.900	5.1	22.2
6 20	15 19.22	−21 1.3	4.033	4.892	7.0	22.3
429227 2010 AE_{7}			5 17.5 288°.12		6°.8/21.6 18	
4 11	16 5.82	−38 20.7	1.859	2.636	16.4	20.5
4 21	16 1.47	−38 40.1	1.764	2.624	13.9	20.3
5 1	15 54.18	−38 39.9	1.688	2.612	11.0	20.1
5 11	15 44.75	−38 16.4	1.634	2.600	8.2	19.9
5 21	15 34.32	−37 28.5	1.606	2.588	6.8	19.8
5 31	15 24.30	−36 19.1	1.602	2.576	8.0	19.8
6 10	15 15.99	−34 55.1	1.624	2.564	10.8	20.0
6 20	15 10.27	−33 25.2	1.669	2.553	14.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
476390 2008 CZ_{133}			5 17.5 163°.78		3°.5/20.1 18	
	h m	° ′			°	m
4 11	16 3.98	−32 15.5	2.564	3.348	12.2	21.7
4 21	15 58.95	−32 20.5	2.477	3.351	9.9	21.5
5 1	15 51.98	−32 13.6	2.412	3.353	7.2	21.4
5 11	15 43.71	−31 53.7	2.372	3.356	4.7	21.2
5 21	15 34.92	−31 21.5	2.361	3.358	3.5	21.1
5 31	15 26.48	−30 39.3	2.378	3.360	5.1	21.2
6 10	15 19.18	−29 51.3	2.422	3.361	7.7	21.4
6 20	15 13.61	−29 1.8	2.491	3.363	10.3	21.6
425608 2010 UG_{75}			5 17.5 181°.37		4°.6/19.5 17	
4 11	16 12.06	−30 52.2	2.073	2.860	14.7	21.8
4 21	16 5.74	−31 39.2	1.985	2.861	11.9	21.6
5 1	15 56.73	−32 15.1	1.919	2.862	8.7	21.4
5 11	15 45.74	−32 36.7	1.879	2.862	5.8	21.2
5 21	15 33.81	−32 42.2	1.866	2.861	4.6	21.1
5 31	15 22.19	−32 32.8	1.881	2.860	6.6	21.3
6 10	15 12.07	−32 12.3	1.923	2.858	9.7	21.4
6 20	15 4.29	−31 46.1	1.989	2.855	12.8	21.6
159625 2002 AC_{184}			5 17.5 71°.18		1°.6/18.6 18	
4 11	16 6.08	−27 23.1	1.700	2.520	16.0	19.8
4 21	16 0.94	−26 40.2	1.641	2.544	12.4	19.6
5 1	15 53.33	−25 42.2	1.603	2.568	8.3	19.4
5 11	15 44.22	−24 31.2	1.591	2.591	3.9	19.2
5 21	15 34.72	−23 11.6	1.605	2.615	1.9	19.1
5 31	15 26.02	−21 49.8	1.647	2.638	5.8	19.5
6 10	15 19.06	−20 32.8	1.715	2.662	9.8	19.7
6 20	15 14.40	−19 26.0	1.806	2.685	13.3	20.0
137867 2000 AO_{83}			5 17.5 126°.11		0°.1/17.6 17	
4 11	16 7.12	−21 17.9	1.824	2.651	14.8	21.1
4 21	16 1.72	−21 1.8	1.753	2.663	11.4	20.9
5 1	15 53.92	−20 37.4	1.705	2.674	7.4	20.7
5 11	15 44.52	−20 6.1	1.682	2.685	3.0	20.5
5 21	15 34.54	−19 30.5	1.686	2.696	1.5	20.4
5 31	15 25.11	−18 54.3	1.717	2.706	5.9	20.7
6 10	15 17.22	−18 22.0	1.775	2.716	9.9	21.0
6 20	15 11.53	−17 57.1	1.856	2.726	13.4	21.2
507738 2013 XP			5 17.5 256°.23		5°.6/20.4 18	
4 11	16 8.80	−34 57.1	2.127	2.904	14.6	21.3
4 21	16 3.48	−35 29.8	2.019	2.884	12.2	21.1
5 1	15 55.43	−35 48.5	1.932	2.863	9.4	20.8
5 11	15 45.29	−35 49.8	1.869	2.842	6.8	20.6
5 21	15 34.04	−35 31.9	1.833	2.820	5.6	20.5
5 31	15 22.95	−34 55.9	1.824	2.798	7.1	20.6
6 10	15 13.24	−34 6.5	1.841	2.775	10.1	20.7
6 20	15 5.83	−33 10.2	1.881	2.752	13.2	20.8
63072 2000 WP_{125}			5 17.5 246°.00		0°.1/17.5 18	
4 11	16 8.32	−20 6.7	1.870	2.694	14.6	19.6
4 21	16 3.01	−20 4.5	1.768	2.676	11.4	19.4
5 1	15 55.06	−19 55.7	1.689	2.658	7.5	19.1
5 11	15 45.12	−19 40.9	1.634	2.638	3.1	18.8
5 21	15 34.15	−19 21.2	1.608	2.618	1.6	18.6
5 31	15 23.34	−18 59.7	1.609	2.597	6.3	18.9
6 10	15 13.87	−18 40.2	1.636	2.576	10.7	19.1
6 20	15 6.63	−18 26.4	1.686	2.554	14.7	19.3
106475 2000 WF_{14}			5 17.5 90°.22		2°.3/18.6 18	
4 11	16 7.93	−25 59.5	1.514	2.342	17.2	20.0
4 21	16 2.90	−26 1.3	1.448	2.355	13.5	19.7
5 1	15 54.94	−25 50.1	1.402	2.367	9.1	19.5
5 11	15 44.98	−25 25.6	1.380	2.379	4.5	19.3
5 21	15 34.30	−24 49.5	1.383	2.392	2.6	19.2
5 31	15 24.31	−24 6.4	1.412	2.404	6.6	19.5
6 10	15 16.24	−23 22.6	1.466	2.416	11.0	19.7
6 20	15 10.84	−22 43.6	1.542	2.428	14.8	20.0
114405 2002 YB_{20}			5 17.5 253°.52		0°.6/17.9 18	
4 11	16 5.71	−22 31.9	1.872	2.697	14.5	19.9
4 21	16 0.96	−22 20.6	1.773	2.681	11.3	19.7
5 1	15 53.68	−22 0.1	1.697	2.666	7.5	19.4
5 11	15 44.54	−21 30.7	1.646	2.649	3.2	19.1
5 21	15 34.48	−20 54.3	1.622	2.633	1.6	19.0
5 31	15 24.66	−20 14.7	1.626	2.616	6.1	19.2
6 10	15 16.21	−19 36.5	1.655	2.598	10.4	19.4
6 20	15 9.92	−19 4.3	1.707	2.580	14.2	19.6
271890 2004 VW_{22}			5 17.5 145°.47		0°.2/17.7 17	
4 11	16 6.62	−19 58.4	2.183	3.002	13.0	20.8
4 21	16 1.06	−20 7.9	2.104	3.009	10.0	20.7
5 1	15 53.40	−20 12.5	2.048	3.016	6.5	20.4
5 11	15 44.32	−20 12.5	2.019	3.022	2.6	20.2
5 21	15 34.64	−20 8.8	2.018	3.028	1.3	20.1
5 31	15 25.33	−20 3.3	2.046	3.034	5.2	20.4
6 10	15 17.26	−19 58.5	2.101	3.039	8.8	20.6
6 20	15 11.07	−19 57.0	2.179	3.044	11.9	20.8

58902 1998 KC_9 5 17.5 323°.83 7°.6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.36	− 3 57.6	1.815	2.665	13.9	18.1
4 21	15 54.38	− 2 19.8	1.731	2.644	11.3	17.9
5 1	15 49.30	− 0 43.1	1.669	2.624	8.8	17.7
5 11	15 42.73	+ 0 45.1	1.633	2.605	7.7	17.6
5 21	15 35.46	+ 1 57.4	1.621	2.585	8.6	17.6
5 31	15 28.44	+ 2 48.1	1.634	2.567	11.1	17.7
6 10	15 22.57	+ 3 14.1	1.669	2.549	14.1	17.8
6 20	15 18.52	+ 3 15.3	1.723	2.532	16.9	18.0

131590 2001 WV_{39} 5 17.5 159°.87 2°.0/16.5 18

4 11	16 7.44	−16 52.2	1.716	2.551	15.2	20.4
4 21	16 2.09	−16 15.2	1.642	2.557	11.7	20.2
5 1	15 54.23	−15 32.3	1.590	2.562	7.5	20.0
5 11	15 44.68	−14 46.4	1.563	2.567	3.3	19.7
5 21	15 34.46	−14 1.5	1.564	2.571	2.9	19.7
5 31	15 24.78	−13 22.2	1.591	2.574	7.1	20.0
6 10	15 16.66	−12 52.6	1.644	2.577	11.2	20.2
6 20	15 10.81	−12 35.4	1.719	2.579	14.8	20.5

233256 2005 YZ_{151} 5 17.5 171°.16 0°.8/18.0 17

4 11	16 5.32	−23 26.9	2.170	2.985	13.1	21.3
4 21	16 0.12	−23 12.3	2.086	2.988	10.2	21.1
5 1	15 52.81	−22 48.9	2.025	2.991	6.7	20.9
5 11	15 44.09	−22 17.5	1.990	2.993	2.9	20.7
5 21	15 34.79	−21 39.9	1.984	2.994	1.4	20.6
5 31	15 25.87	−20 59.6	2.006	2.995	5.2	20.8
6 10	15 18.23	−20 20.6	2.055	2.996	8.8	21.0
6 20	15 12.46	−19 46.6	2.128	2.996	12.0	21.2

292446 2006 SY_{355} 5 17.5 221°.18 4°.1/14.5 18

4 11	16 0.36	− 9 19.9	2.339	3.173	11.7	20.6
4 21	15 56.09	− 8 24.5	2.259	3.170	9.1	20.4
5 1	15 50.10	− 7 28.9	2.202	3.167	6.3	20.2
5 11	15 42.97	− 6 37.0	2.173	3.163	4.3	20.1
5 21	15 35.38	− 5 52.5	2.171	3.160	4.7	20.1
5 31	15 28.08	− 5 18.9	2.196	3.156	7.1	20.2
6 10	15 21.77	− 4 58.6	2.248	3.152	9.9	20.4
6 20	15 16.99	− 4 52.1	2.321	3.148	12.6	20.6

373486 2000 UB_{76} 5 17.5 143°.55 1°.6/16.3 18

4 11	16 3.73	−20 44.2	1.930	2.760	14.0	20.2
4 21	15 58.98	−19 21.0	1.850	2.763	10.7	20.0
5 1	15 52.07	−17 46.1	1.795	2.767	6.8	19.8
5 11	15 43.77	−16 4.1	1.766	2.770	2.8	19.5
5 21	15 34.98	−14 20.8	1.766	2.773	2.6	19.5
5 31	15 26.71	−12 43.5	1.794	2.776	6.5	19.8
6 10	15 19.82	−11 18.3	1.849	2.778	10.4	20.0
6 20	15 14.90	−10 9.4	1.928	2.781	13.7	20.2

416427 2003 UT_{241} 5 17.5 202°.89 0°.4/17.3 17

4 11	16 7.81	−19 24.3	2.030	2.852	13.7	22.5
4 21	16 2.22	−19 13.6	1.940	2.847	10.6	22.3
5 1	15 54.30	−18 56.9	1.873	2.842	6.9	22.0
5 11	15 44.74	−18 35.1	1.832	2.836	2.8	21.8
5 21	15 34.43	−18 10.1	1.819	2.829	1.6	21.7
5 31	15 24.44	−17 45.1	1.834	2.821	5.9	21.9
6 10	15 15.77	−17 23.4	1.876	2.813	9.8	22.2
6 20	15 9.11	−17 8.3	1.942	2.804	13.3	22.4

128997 2004 TQ_{242} 5 17.5 176°.70 3°.5/15.9 17

4 11	16 6.37	− 9 15.9	2.122	2.949	13.0	20.2
4 21	16 0.84	− 9 5.8	2.043	2.951	10.1	20.1
5 1	15 53.26	− 8 58.0	1.987	2.952	6.8	19.9
5 11	15 44.27	− 8 54.8	1.957	2.953	4.0	19.7
5 21	15 34.70	− 8 58.4	1.955	2.953	4.1	19.7
5 31	15 25.46	− 9 10.3	1.982	2.953	6.9	19.9
6 10	15 17.42	− 9 31.7	2.035	2.953	10.2	20.0
6 20	15 11.20	−10 2.4	2.111	2.952	13.1	20.2

151780 2003 EX_{47} 5 17.5 254°.03 7°.9/22.1 18

4 11	16 8.75	−40 50.7	1.925	2.684	16.6	18.8
4 21	16 3.79	−41 25.4	1.831	2.674	14.2	18.6
5 1	15 55.76	−41 40.5	1.755	2.664	11.6	18.4
5 11	15 45.44	−41 31.2	1.702	2.653	9.2	18.2
5 21	15 34.05	−40 55.5	1.673	2.643	7.9	18.1
5 31	15 23.06	−39 55.1	1.670	2.632	8.7	18.1
6 10	15 13.86	−38 36.6	1.691	2.621	11.1	18.2
6 20	15 7.38	−37 8.8	1.735	2.609	14.0	18.4

12446 Juliabryant 5 17.5 247°.60 12°.8/15.3 18

4 11	16 17.09	+ 8 9.1	1.275	2.088	20.7	18.0
4 21	16 10.54	+ 8 33.7	1.199	2.078	17.8	17.8
5 1	16 0.33	+ 8 35.2	1.141	2.066	15.0	17.6
5 11	15 47.36	+ 8 4.1	1.104	2.055	13.1	17.4
5 21	15 33.03	+ 6 54.8	1.090	2.042	13.2	17.4
5 31	15 19.12	+ 5 7.7	1.100	2.030	15.5	17.5
6 10	15 7.31	+ 2 49.0	1.131	2.017	18.9	17.7
6 20	14 58.68	+ 0 8.7	1.182	2.003	22.5	17.8

352061 2006 WV_{50} 5 17.5 313°.99 1°.0/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.45	−16 3.3	2.141	2.972	12.8	20.6
4 21	15 58.76	−16 11.0	2.054	2.966	9.8	20.4
5 1	15 52.01	−16 16.8	1.990	2.961	6.3	20.1
5 11	15 43.81	−16 21.7	1.952	2.956	2.6	19.9
5 21	15 34.95	−16 26.8	1.943	2.952	1.9	19.8
5 31	15 26.34	−16 33.6	1.961	2.947	5.6	20.1
6 10	15 18.87	−16 44.1	2.005	2.943	9.2	20.3
6 20	15 13.17	−16 59.7	2.073	2.938	12.4	20.5

183147 2002 RB_{252} 5 17.5 8°.84 2°.8/18.7 17

4 11	16 4.60	−25 56.1	1.375	2.215	18.0	20.0
4 21	16 0.83	−26 10.2	1.302	2.215	14.2	19.7
5 1	15 53.89	−26 11.2	1.249	2.216	9.7	19.4
5 11	15 44.68	−25 58.2	1.218	2.218	5.0	19.2
5 21	15 34.49	−25 32.1	1.211	2.219	3.0	19.1
5 31	15 24.85	−24 57.0	1.229	2.222	7.1	19.3
6 10	15 17.15	−24 19.2	1.270	2.225	11.8	19.6
6 20	15 12.27	−23 45.0	1.332	2.228	16.0	19.8

152545 4473 $T\text{-}_2$ 5 17.5 199°.55 0°.5/17.8 17

4 11	16 6.47	−21 44.4	2.086	2.905	13.5	21.5
4 21	16 1.16	−21 40.7	1.997	2.902	10.4	21.3
5 1	15 53.60	−21 29.9	1.931	2.898	6.8	21.1
5 11	15 44.46	−21 12.3	1.891	2.894	2.9	20.8
5 21	15 34.62	−20 49.4	1.879	2.890	1.4	20.7
5 31	15 25.10	−20 24.0	1.896	2.885	5.5	20.9
6 10	15 16.86	−19 59.7	1.939	2.879	9.3	21.2
6 20	15 10.59	−19 40.0	2.006	2.873	12.7	21.4

123361 2000 WK_{28} 5 17.5 173°.67 3°.0/15.9 18

4 11	16 6.22	−10 6.3	2.455	3.275	11.7	20.2
4 21	16 0.45	− 9 53.7	2.374	3.279	9.0	20.1
5 1	15 52.88	− 9 42.3	2.317	3.281	6.1	19.9
5 11	15 44.10	− 9 34.2	2.287	3.283	3.5	19.7
5 21	15 34.83	− 9 31.2	2.287	3.285	3.5	19.7
5 31	15 25.86	− 9 35.0	2.315	3.286	6.1	19.9
6 10	15 17.95	− 9 46.9	2.371	3.286	9.1	20.1
6 20	15 11.62	−10 7.2	2.451	3.285	11.7	20.2

30617 3068 $P\text{–}L$ 5 17.5 71°.19 2°.8/19.1 18

4 11	16 5.12	−28 9.1	1.689	2.509	16.1	18.6
4 21	16 0.62	−28 3.5	1.613	2.514	12.7	18.4
5 1	15 53.45	−27 43.6	1.557	2.518	8.8	18.2
5 11	15 44.42	−27 8.9	1.525	2.522	4.7	17.9
5 21	15 34.66	−26 21.4	1.519	2.526	2.9	17.8
5 31	15 25.45	−25 25.5	1.540	2.531	6.2	18.0
6 10	15 17.91	−24 27.7	1.586	2.535	10.3	18.3
6 20	15 12.79	−23 34.1	1.654	2.540	14.0	18.5

59618 1999 JR_{70} 5 17.5 311°.85 3°.2/16.1 18

4 11	16 2.15	−13 24.5	1.565	2.417	15.6	19.1
4 21	15 58.51	−12 56.7	1.479	2.402	12.1	18.9
5 1	15 52.23	−12 26.3	1.413	2.388	8.0	18.6
5 11	15 44.01	−11 56.7	1.372	2.373	4.1	18.3
5 21	15 34.84	−11 31.8	1.355	2.359	4.1	18.3
5 31	15 25.96	−11 15.9	1.364	2.346	8.1	18.5
6 10	15 18.53	−11 12.2	1.396	2.332	12.5	18.7
6 20	15 13.40	−11 22.2	1.449	2.320	16.4	18.9

87416 2000 QM_{92} 5 17.6 256°.11 1°.0/16.9 18

4 11	16 4.32	−18 39.7	2.050	2.878	13.3	20.3
4 21	15 59.63	−18 11.7	1.949	2.860	10.3	20.1
5 1	15 52.70	−17 37.0	1.871	2.842	6.7	19.8
5 11	15 44.14	−16 57.1	1.819	2.823	2.7	19.5
5 21	15 34.78	−16 15.0	1.794	2.803	2.0	19.4
5 31	15 25.64	−15 34.6	1.798	2.783	6.1	19.7
6 10	15 17.67	−14 59.9	1.828	2.763	10.1	19.9
6 20	15 11.60	−14 34.3	1.881	2.742	13.6	20.0

50062 2000 AD_{71} 5 17.6 78°.81 1°.0/17.1 18

4 11	16 5.75	−18 51.9	1.536	2.378	16.3	19.7
4 21	16 1.02	−18 27.8	1.472	2.391	12.5	19.5
5 1	15 53.63	−17 56.5	1.429	2.403	8.0	19.2
5 11	15 44.46	−17 20.5	1.411	2.415	3.2	19.0
5 21	15 34.68	−16 43.2	1.418	2.428	2.2	18.9
5 31	15 25.53	−16 9.2	1.452	2.440	6.9	19.3
6 10	15 18.11	−15 43.0	1.510	2.452	11.2	19.5
6 20	15 13.11	−15 27.3	1.589	2.464	15.0	19.8

375932 2009 WP_{75} 5 17.6 195°.07 1°.4/16.7 17

4 11	16 5.35	−16 12.1	2.348	3.170	12.1	22.7
4 21	15 59.97	−15 53.0	2.259	3.167	9.2	22.5
5 1	15 52.67	−15 30.3	2.194	3.164	6.0	22.3
5 11	15 44.05	−15 5.9	2.157	3.160	2.6	22.0
5 21	15 34.87	−14 41.9	2.148	3.156	2.2	22.0
5 31	15 25.97	−14 20.9	2.168	3.150	5.5	22.2
6 10	15 18.17	−14 5.6	2.216	3.144	8.9	22.4
6 20	15 12.03	−13 57.9	2.287	3.138	11.9	22.6

156441 2002 AU_{154} 5 17.6 169°.79 2°.3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.76	−13 52.6	2.324	3.149	12.1	20.8
4 21	15 59.43	−13 23.3	2.244	3.153	9.2	20.7
5 1	15 52.27	−12 51.8	2.188	3.157	6.0	20.5
5 11	15 43.87	−12 20.4	2.159	3.160	3.0	20.3
5 21	15 34.98	−11 52.0	2.159	3.162	2.9	20.3
5 31	15 26.44	−11 29.3	2.187	3.164	6.0	20.5
6 10	15 19.01	−11 14.7	2.243	3.165	9.1	20.7
6 20	15 13.23	−11 9.6	2.322	3.166	12.0	20.9

522511 2016 EW_{233} 5 17.6 356°.71 5°.9/13.8 17

4 11	16 1.50	−11 33.6	1.454	2.312	16.2	21.3
4 21	15 57.89	− 9 49.5	1.386	2.311	12.6	21.1
5 1	15 51.68	− 8 0.1	1.339	2.311	8.7	20.8
5 11	15 43.72	− 6 13.7	1.317	2.310	6.1	20.7
5 21	15 35.08	− 4 39.3	1.320	2.310	7.0	20.7
5 31	15 26.97	− 3 24.6	1.348	2.310	10.4	20.9
6 10	15 20.48	− 2 34.7	1.399	2.310	14.3	21.2
6 20	15 16.30	− 2 10.4	1.468	2.311	17.7	21.4

286552 2002 CL_{176} 5 17.6 181°.40 4°.5/15.3 16

4 11	16 7.45	− 9 31.1	1.793	2.628	14.7	21.5
4 21	16 2.00	− 8 50.4	1.717	2.629	11.4	21.3
5 1	15 54.18	− 8 10.2	1.664	2.630	7.9	21.1
5 11	15 44.71	− 7 34.8	1.636	2.630	4.9	20.9
5 21	15 34.56	− 7 8.2	1.635	2.629	5.2	20.9
5 31	15 24.85	− 6 54.0	1.661	2.628	8.4	21.1
6 10	15 16.58	− 6 54.1	1.711	2.626	12.0	21.3
6 20	15 10.43	− 7 8.9	1.784	2.623	15.2	21.5

431364 2007 DV_{88} 5 17.6 2°.49 6°.4/20.3 17

4 11	16 6.73	−33 17.8	1.573	2.381	17.6	21.2
4 21	16 2.48	−34 9.2	1.496	2.380	14.5	21.0
5 1	15 55.02	−34 44.9	1.437	2.380	11.0	20.8
5 11	15 45.20	−35 0.8	1.401	2.380	7.8	20.6
5 21	15 34.27	−34 54.8	1.389	2.381	6.4	20.5
5 31	15 23.79	−34 28.7	1.402	2.382	8.2	20.6
6 10	15 15.21	−33 48.5	1.439	2.383	11.5	20.8
6 20	15 9.48	−33 2.0	1.497	2.385	15.0	21.0

355676 2008 EA_{158} 5 17.6 247°.33 6°.0/21.0 18

4 11	16 6.76	−37 42.9	2.533	3.289	13.1	20.9
4 21	16 1.49	−38 30.1	2.437	3.283	11.0	20.7
5 1	15 53.92	−39 4.4	2.363	3.276	8.8	20.5
5 11	15 44.66	−39 22.7	2.314	3.269	6.8	20.4
5 21	15 34.56	−39 23.4	2.291	3.262	6.0	20.3
5 31	15 24.67	−39 7.0	2.295	3.255	6.8	20.4
6 10	15 15.99	−38 37.1	2.325	3.248	8.8	20.5
6 20	15 9.27	−37 58.5	2.380	3.241	11.2	20.6

280999 2006 DK_{131} 5 17.6 315°.99 0°.2/17.7 17

4 11	16 4.60	−19 53.9	1.780	2.615	14.8	21.1
4 21	16 0.12	−20 2.6	1.696	2.610	11.4	20.8
5 1	15 53.13	−20 5.8	1.634	2.606	7.5	20.6
5 11	15 44.35	−20 3.8	1.597	2.601	3.1	20.3
5 21	15 34.74	−19 57.9	1.586	2.597	1.6	20.2
5 31	15 25.46	−19 50.4	1.603	2.593	6.1	20.5
6 10	15 17.60	−19 44.5	1.644	2.589	10.3	20.7
6 20	15 11.92	−19 43.1	1.708	2.585	14.0	20.9

253772 2003 WF_{133} 5 17.6 247°.03 0°.2/17.6 18

4 11	16 7.63	−20 27.1	1.815	2.642	14.9	21.3
4 21	16 2.55	−20 25.5	1.717	2.627	11.6	21.1
5 1	15 54.81	−20 17.1	1.641	2.611	7.6	20.8
5 11	15 45.07	−20 2.2	1.590	2.594	3.1	20.5
5 21	15 34.33	−19 42.2	1.567	2.577	1.6	20.3
5 31	15 23.79	−19 20.2	1.570	2.559	6.4	20.6
6 10	15 14.64	−19 0.0	1.600	2.541	10.8	20.8
6 20	15 7.75	−18 45.7	1.652	2.523	14.7	21.0

161097 2002 PP_{111} 5 17.6 270°.41 6°.8/21.2 18

4 11	16 7.47	−38 13.2	2.148	2.913	14.9	20.1
4 21	16 2.53	−38 55.1	2.046	2.897	12.6	19.9
5 1	15 54.86	−39 21.6	1.964	2.881	10.1	19.7
5 11	15 45.11	−39 28.8	1.906	2.864	7.8	19.5
5 21	15 34.30	−39 14.6	1.873	2.847	6.8	19.4
5 31	15 23.69	−38 39.7	1.866	2.830	7.8	19.5
6 10	15 14.53	−37 48.9	1.885	2.813	10.2	19.6
6 20	15 7.70	−36 48.8	1.926	2.796	13.0	19.7

18119 Braude 5 17.6 201°.28 0°.2/17.5 18

4 11	16 7.73	−20 27.5	1.702	2.533	15.5	19.3
4 21	16 2.58	−20 14.6	1.618	2.530	12.0	19.1
5 1	15 54.75	−19 53.7	1.556	2.527	7.8	18.8
5 11	15 45.00	−19 25.9	1.519	2.523	3.2	18.5
5 21	15 34.41	−18 53.5	1.508	2.519	1.7	18.4
5 31	15 24.22	−18 20.5	1.525	2.514	6.5	18.7
6 10	15 15.61	−17 51.6	1.567	2.509	11.0	19.0
6 20	15 9.37	−17 30.5	1.631	2.503	14.8	19.2

427982 2006 AY_{14} 5 17.6 216°.27 4°.9/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.18	− 6 26.8	2.251	3.078	12.3	21.7
4 21	15 59.12	− 5 44.5	2.166	3.071	9.7	21.5
5 1	15 52.15	− 5 4.6	2.104	3.062	7.0	21.4
5 11	15 43.87	− 4 30.8	2.068	3.054	5.1	21.2
5 21	15 35.01	− 4 6.6	2.060	3.044	5.4	21.2
5 31	15 26.42	− 3 55.0	2.080	3.034	7.8	21.4
6 10	15 18.88	− 3 57.4	2.126	3.024	10.7	21.5
6 20	15 13.00	− 4 13.8	2.193	3.013	13.4	21.7

299465 2006 BL_{103} 5 17.6 231°.85 3°.9/12.6 18

4 11	15 53.47	+ 0 8.5	4.473	5.285	6.9	21.4
4 21	15 50.13	+ 0 47.1	4.397	5.283	5.6	21.3
5 1	15 45.97	+ 1 21.8	4.346	5.281	4.5	21.2
5 11	15 41.28	+ 1 50.5	4.323	5.279	3.9	21.2
5 21	15 36.39	+ 2 11.7	4.328	5.276	4.2	21.2
5 31	15 31.63	+ 2 24.0	4.361	5.274	5.3	21.2
6 10	15 27.33	+ 2 26.9	4.419	5.272	6.5	21.3
6 20	15 23.75	+ 2 20.4	4.501	5.270	7.8	21.4

113527 2002 TO_{19} 5 17.6 290°.56 0°.8/17.2 17

4 11	16 4.07	−19 21.0	1.544	2.388	16.1	21.2
4 21	16 0.24	−19 3.2	1.448	2.368	12.6	20.9
5 1	15 53.53	−18 37.2	1.373	2.347	8.2	20.6
5 11	15 44.62	−18 4.4	1.322	2.327	3.3	20.3
5 21	15 34.57	−17 27.9	1.296	2.306	2.1	20.1
5 31	15 24.73	−16 52.0	1.295	2.285	7.3	20.4
6 10	15 16.41	−16 22.2	1.319	2.265	12.3	20.6
6 20	15 10.57	−16 2.6	1.363	2.244	16.7	20.8

430675 2003 UF_{348} 5 17.6 344°.38 1°.0/17.1 17

4 11	16 3.47	−17 52.0	1.886	2.722	14.0	21.5
4 21	15 59.00	−17 39.3	1.806	2.722	10.7	21.2
5 1	15 52.26	−17 21.8	1.749	2.721	6.9	21.0
5 11	15 43.96	−17 1.0	1.716	2.721	2.8	20.7
5 21	15 34.99	−16 39.3	1.711	2.720	2.0	20.7
5 31	15 26.39	−16 19.8	1.733	2.720	6.1	20.9
6 10	15 19.13	−16 5.7	1.780	2.720	10.0	21.2
6 20	15 13.86	−15 59.3	1.850	2.720	13.5	21.4

478012 2011 ST_{183} 5 17.6 270°.44 1°.8/16.4 16

4 11	16 1.23	−15 34.9	2.261	3.093	12.1	21.5
4 21	15 56.94	−15 9.6	2.173	3.087	9.3	21.2
5 1	15 50.79	−14 40.9	2.109	3.080	6.0	21.0
5 11	15 43.34	−14 11.0	2.071	3.074	2.7	20.8
5 21	15 35.34	−13 42.6	2.061	3.067	2.5	20.8
5 31	15 27.60	−13 18.5	2.078	3.060	5.8	21.0
6 10	15 20.91	−13 1.4	2.122	3.053	9.1	21.2
6 20	15 15.85	−12 53.3	2.190	3.047	12.1	21.4

461972 2006 UG_{235} 5 17.6 329°.86 1°.9/18.4 17

4 11	15 58.82	−24 33.4	1.149	2.013	19.3	20.4
4 21	15 57.12	−24 31.9	1.064	1.992	15.2	20.1
5 1	15 51.98	−24 15.3	0.997	1.973	10.3	19.7
5 11	15 44.13	−23 43.3	0.951	1.954	4.9	19.4
5 21	15 34.86	−22 57.8	0.926	1.937	2.5	19.1
5 31	15 25.88	−22 4.6	0.924	1.921	8.1	19.4
6 10	15 18.89	−21 12.1	0.943	1.906	13.8	19.7
6 20	15 15.03	−20 27.9	0.980	1.893	18.9	19.9

140240 2001 SW_{248} 5 17.6 227°.28 0°.3/17.7 18

4 11	16 2.97	−21 7.4	2.393	3.212	12.0	20.4
4 21	15 58.24	−21 1.6	2.301	3.206	9.2	20.2
5 1	15 51.62	−20 49.9	2.232	3.200	6.0	19.9
5 11	15 43.68	−20 32.8	2.191	3.194	2.5	19.7
5 21	15 35.16	−20 11.9	2.177	3.188	1.2	19.6
5 31	15 26.90	−19 49.5	2.192	3.181	4.9	19.8
6 10	15 19.68	−19 28.5	2.235	3.174	8.3	20.0
6 20	15 14.10	−19 11.8	2.301	3.167	11.3	20.2

106152 2000 TZ_{56} 5 17.6 280°.65 3°.3/15.7 18

4 11	16 2.61	−10 25.1	2.293	3.124	12.0	20.2
4 21	15 58.08	−10 3.7	2.191	3.102	9.3	20.0
5 1	15 51.61	− 9 42.5	2.111	3.079	6.4	19.8
5 11	15 43.72	− 9 24.3	2.059	3.055	3.7	19.5
5 21	15 35.12	− 9 11.5	2.034	3.032	3.9	19.5
5 31	15 26.65	− 9 6.9	2.037	3.008	6.7	19.6
6 10	15 19.14	− 9 12.1	2.065	2.984	10.0	19.8
6 20	15 13.22	− 9 28.1	2.118	2.960	13.0	19.9

210543 1999 RR_{58} 5 17.6 319°.84 3°.0/15.8 17

4 11	15 59.00	−14 39.1	1.756	2.607	14.2	19.9
4 21	15 55.98	−13 54.5	1.652	2.575	11.0	19.6
5 1	15 50.59	−13 4.1	1.569	2.544	7.3	19.3
5 11	15 43.40	−12 11.4	1.512	2.513	3.8	19.1
5 21	15 35.27	−11 21.0	1.480	2.483	3.9	19.0
5 31	15 27.25	−10 38.0	1.473	2.453	7.8	19.1
6 10	15 20.43	−10 7.3	1.491	2.424	12.1	19.3
6 20	15 15.61	− 9 51.7	1.529	2.396	15.9	19.5

440912 2006 VZ_{79} 5 17.6 117°.91 1°.2/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.84	−19 9.6	2.320	3.148	12.0	21.1
4 21	15 56.50	−18 14.9	2.239	3.151	9.1	21.0
5 1	15 50.40	−17 13.0	2.182	3.154	5.8	20.8
5 11	15 43.15	−16 6.8	2.153	3.157	2.4	20.5
5 21	15 35.48	−15 0.2	2.152	3.160	2.1	20.5
5 31	15 28.17	−13 57.5	2.180	3.162	5.4	20.7
6 10	15 21.96	−13 2.8	2.234	3.165	8.7	20.9
6 20	15 17.34	−12 18.8	2.313	3.168	11.6	21.1

172519 2003 SQ_{255} 5 17.6 152°.32 1°.1/18.1 17

4 11	16 8.53	−23 25.0	1.887	2.705	14.7	21.2
4 21	16 2.88	−23 22.0	1.810	2.713	11.4	21.0
5 1	15 54.78	−23 9.7	1.755	2.720	7.6	20.7
5 11	15 44.99	−22 48.5	1.725	2.727	3.4	20.5
5 21	15 34.54	−22 20.0	1.723	2.733	1.7	20.4
5 31	15 24.58	−21 47.5	1.749	2.739	5.8	20.7
6 10	15 16.13	−21 15.4	1.801	2.743	9.7	20.9
6 20	15 9.90	−20 48.0	1.876	2.748	13.2	21.1

321262 2009 DU_{44} 5 17.6 51°.72 5°.5/19.9 17

4 11	16 8.32	−31 16.3	1.428	2.246	18.6	20.3
4 21	16 3.83	−31 54.0	1.356	2.250	15.1	20.1
5 1	15 55.96	−32 15.4	1.302	2.254	11.1	19.8
5 11	15 45.62	−32 16.9	1.271	2.258	7.2	19.6
5 21	15 34.22	−31 57.5	1.264	2.263	5.5	19.5
5 31	15 23.40	−31 20.2	1.281	2.267	8.0	19.7
6 10	15 14.69	−30 32.3	1.322	2.272	11.9	19.9
6 20	15 9.00	−29 42.0	1.384	2.276	15.8	20.2

110962 2001 UH_{169} 5 17.6 154°.92 0°.5/17.7 18

4 11	16 12.11	−18 27.0	2.062	2.876	13.8	19.4
4 21	16 5.51	−19 9.8	1.979	2.881	10.7	19.2
5 1	15 56.49	−19 50.6	1.920	2.886	7.0	18.9
5 11	15 45.73	−20 28.2	1.887	2.890	2.9	18.7
5 21	15 34.17	−21 1.7	1.884	2.895	1.5	18.6
5 31	15 22.92	−21 31.2	1.911	2.898	5.6	18.9
6 10	15 13.03	−21 58.1	1.965	2.902	9.4	19.1
6 20	15 5.26	−22 24.5	2.043	2.905	12.7	19.3

96137 3252 $T\text{-}_3$ 5 17.6 125°.50 0°.1/17.5 18

4 11	16 9.55	−20 53.9	1.678	2.506	15.8	20.6
4 21	16 3.76	−20 37.2	1.611	2.521	12.2	20.4
5 1	15 55.36	−20 12.0	1.566	2.535	7.9	20.2
5 11	15 45.22	−19 39.8	1.545	2.549	3.2	19.9
5 21	15 34.48	−19 3.3	1.552	2.563	1.7	19.8
5 31	15 24.38	−18 26.8	1.586	2.575	6.3	20.1
6 10	15 16.00	−17 54.9	1.646	2.587	10.6	20.4
6 20	15 10.03	−17 31.3	1.729	2.599	14.2	20.7

137864 2000 AU_{78} 5 17.6 84°.78 1°.8/16.7 18

4 11	16 6.89	−16 38.3	1.586	2.427	16.0	19.7
4 21	16 1.74	−16 14.1	1.527	2.445	12.2	19.5
5 1	15 54.04	−15 45.2	1.489	2.462	7.8	19.3
5 11	15 44.67	−15 14.4	1.476	2.480	3.3	19.0
5 21	15 34.77	−14 45.0	1.489	2.497	2.7	19.0
5 31	15 25.54	−14 20.9	1.529	2.514	7.0	19.3
6 10	15 18.00	−14 5.6	1.593	2.531	11.1	19.6
6 20	15 12.82	−14 0.9	1.679	2.548	14.7	19.9

150490 2000 QD_{44} 5 17.6 264°.47 3°.3/15.7 18

4 11	16 3.37	−12 56.0	1.841	2.682	14.1	20.0
4 21	15 59.03	−12 16.3	1.753	2.670	10.9	19.7
5 1	15 52.39	−11 33.8	1.687	2.658	7.3	19.5
5 11	15 44.09	−10 51.9	1.646	2.646	4.0	19.3
5 21	15 35.02	−10 14.8	1.632	2.633	4.1	19.2
5 31	15 26.24	− 9 46.5	1.644	2.620	7.6	19.4
6 10	15 18.74	− 9 30.4	1.682	2.607	11.4	19.6
6 20	15 13.23	− 9 28.1	1.741	2.595	14.9	19.8

393655 2004 RP 5 17.6 320°.12 3°.0/19.7 17

4 11	16 0.54	−30 49.7	1.957	2.768	14.5	19.8
4 21	15 57.03	−30 21.6	1.855	2.749	11.7	19.6
5 1	15 51.16	−29 36.4	1.774	2.730	8.3	19.3
5 11	15 43.60	−28 34.0	1.718	2.712	4.8	19.0
5 21	15 35.27	−27 16.4	1.688	2.694	3.0	18.9
5 31	15 27.26	−25 48.6	1.685	2.676	5.8	19.0
6 10	15 20.60	−24 17.8	1.708	2.659	9.6	19.2
6 20	15 16.00	−22 50.9	1.755	2.642	13.2	19.4

168835 2000 SD_{364} 5 17.6 319°.01 1°.5/17.2 17

4 11	16 1.97	−16 18.0	1.121	1.992	19.1	20.0
4 21	15 59.73	−16 26.2	1.029	1.963	15.0	19.7
5 1	15 53.89	−16 31.8	0.955	1.935	9.9	19.3
5 11	15 45.05	−16 36.3	0.902	1.907	4.2	18.9
5 21	15 34.39	−16 41.8	0.871	1.881	2.9	18.7
5 31	15 23.70	−16 51.5	0.861	1.855	9.2	18.9
6 10	15 14.83	−17 8.9	0.873	1.830	15.3	19.2
6 20	15 9.18	−17 36.9	0.901	1.807	20.8	19.4

191729 2004 RZ_{306} 5 17.6 207°.69 3°.8/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.00	−10 18.8	2.483	3.309	11.4	21.3
4 21	15 58.05	− 9 17.7	2.395	3.303	8.8	21.1
5 1	15 51.40	− 8 15.1	2.332	3.296	6.1	20.9
5 11	15 43.60	− 7 14.6	2.296	3.288	4.0	20.8
5 21	15 35.31	− 6 20.3	2.290	3.280	4.4	20.8
5 31	15 27.29	− 5 35.8	2.312	3.271	6.9	20.9
6 10	15 20.23	− 5 3.9	2.360	3.261	9.7	21.1
6 20	15 14.67	− 4 45.8	2.432	3.251	12.3	21.2

5306 Fangfen 5 17.6 268°.97 0°.7/17.2 18

4 11	16 3.12	−18 25.4	2.064	2.895	13.2	17.3
4 21	15 58.64	−18 15.1	1.975	2.888	10.1	17.0
5 1	15 52.03	−17 59.9	1.909	2.881	6.5	16.8
5 11	15 43.92	−17 41.0	1.869	2.873	2.6	16.5
5 21	15 35.13	−17 20.5	1.856	2.866	1.7	16.4
5 31	15 26.62	−17 1.1	1.871	2.859	5.7	16.7
6 10	15 19.29	−16 46.0	1.912	2.852	9.5	16.9
6 20	15 13.82	−16 37.6	1.976	2.844	12.8	17.1

381593 2008 UN_{355} 5 17.6 230°.23 3°.7/15.4 18

4 11	16 3.93	− 9 24.2	2.290	3.118	12.1	21.3
4 21	15 58.97	− 8 54.1	2.200	3.108	9.4	21.1
5 1	15 52.12	− 8 24.8	2.133	3.097	6.5	20.9
5 11	15 43.93	− 7 59.2	2.092	3.086	4.1	20.7
5 21	15 35.14	− 7 40.2	2.080	3.074	4.3	20.7
5 31	15 26.58	− 7 30.5	2.096	3.062	6.9	20.9
6 10	15 19.04	− 7 31.8	2.137	3.049	10.0	21.0
6 20	15 13.13	− 7 44.8	2.202	3.036	12.9	21.2

92679 2000 QS_{63} 5 17.6 303°.67 0°.8/17.9 18

4 11	16 4.92	−20 46.8	1.584	2.424	16.1	20.0
4 21	16 1.09	−21 2.1	1.478	2.394	12.6	19.7
5 1	15 54.27	−21 11.4	1.393	2.365	8.4	19.4
5 11	15 45.07	−21 14.5	1.331	2.335	3.6	19.0
5 21	15 34.46	−21 11.6	1.295	2.306	1.8	18.8
5 31	15 23.84	−21 4.9	1.285	2.277	7.0	19.0
6 10	15 14.63	−20 58.0	1.298	2.248	12.1	19.3
6 20	15 7.92	−20 55.3	1.333	2.219	16.6	19.4

151404 2002 ER_{107} 5 17.6 173°.73 8°.0/24.4 18

4 11	16 12.73	−50 54.5	3.266	3.921	12.2	21.7
4 21	16 5.98	−51 48.5	3.177	3.923	10.9	21.6
5 1	15 56.80	−52 26.6	3.108	3.926	9.7	21.5
5 11	15 45.87	−52 44.9	3.062	3.928	8.6	21.4
5 21	15 34.13	−52 41.5	3.039	3.929	8.0	21.3
5 31	15 22.69	−52 16.5	3.042	3.930	8.1	21.4
6 10	15 12.60	−51 33.3	3.071	3.931	8.9	21.4
6 20	15 4.62	−50 36.8	3.122	3.931	10.1	21.5

20286 Michta 5 17.6 8°.42 5°.3/15.0 18

4 11	16 2.50	−11 12.0	1.332	2.194	17.2	18.1
4 21	15 58.94	−10 9.2	1.266	2.194	13.3	17.9
5 1	15 52.54	− 9 4.4	1.221	2.194	9.1	17.7
5 11	15 44.18	− 8 4.0	1.199	2.196	5.7	17.5
5 21	15 35.04	− 7 14.6	1.200	2.197	6.2	17.5
5 31	15 26.47	− 6 42.0	1.226	2.199	9.9	17.7
6 10	15 19.65	− 6 29.5	1.273	2.201	14.1	17.9
6 20	15 15.34	− 6 37.5	1.340	2.204	17.9	18.2

336200 2008 SQ_3 5 17.6 216°.35 0°.9/18.1 18

4 11	16 5.92	−22 51.0	2.485	3.293	11.9	22.0
4 21	16 0.51	−22 51.3	2.386	3.284	9.2	21.8
5 1	15 53.13	−22 44.9	2.311	3.275	6.1	21.6
5 11	15 44.36	−22 31.8	2.263	3.264	2.7	21.3
5 21	15 34.94	−22 13.0	2.243	3.253	1.4	21.2
5 31	15 25.74	−21 50.6	2.253	3.242	4.8	21.4
6 10	15 17.58	−21 27.7	2.291	3.230	8.2	21.6
6 20	15 11.09	−21 7.3	2.354	3.217	11.2	21.8

437449 2013 YE_{10} 5 17.6 105°.10 0°.9/17.0 17

4 11	16 3.75	−18 8.4	2.157	2.985	12.8	21.6
4 21	15 58.82	−17 47.4	2.086	2.997	9.7	21.4
5 1	15 51.96	−17 21.6	2.039	3.010	6.2	21.2
5 11	15 43.83	−16 52.8	2.018	3.022	2.5	21.0
5 21	15 35.26	−16 23.4	2.025	3.034	1.8	21.0
5 31	15 27.11	−15 56.5	2.060	3.046	5.4	21.2
6 10	15 20.18	−15 35.0	2.122	3.057	8.9	21.5
6 20	15 15.03	−15 21.1	2.207	3.069	11.9	21.7

297266 1995 UP_{15} 5 17.6 185°.50 0°.4/17.4 17

4 11	16 3.77	−17 58.2	2.449	3.270	11.7	20.8
4 21	15 58.77	−18 3.2	2.363	3.270	8.9	20.6
5 1	15 51.94	−18 5.0	2.301	3.270	5.8	20.4
5 11	15 43.86	−18 4.3	2.266	3.270	2.3	20.2
5 21	15 35.23	−18 2.2	2.259	3.269	1.4	20.1
5 31	15 26.85	−18 0.2	2.281	3.268	4.9	20.4
6 10	15 19.50	−18 0.5	2.331	3.267	8.1	20.6
6 20	15 13.74	−18 4.8	2.405	3.266	11.0	20.8

511839 2015 FU_{317} 5 17.6 251.°78 4.°1/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.08	− 9 22.2	2.130	2.964	12.7	21.2
4 21	15 58.49	− 8 44.1	2.040	2.951	9.9	20.9
5 1	15 51.90	− 8 6.3	1.973	2.938	6.9	20.7
5 11	15 43.88	− 7 32.3	1.931	2.925	4.4	20.5
5 21	15 35.21	− 7 5.7	1.918	2.911	4.7	20.5
5 31	15 26.77	− 6 49.7	1.931	2.897	7.5	20.7
6 10	15 19.41	− 6 46.3	1.970	2.883	10.7	20.8
6 20	15 13.78	− 6 56.3	2.032	2.868	13.7	21.0

320333 2007 TZ_{122} 5 17.6 215.°51 0.°3/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.56	−19 32.0	2.261	3.084	12.4	22.1
4 21	15 58.78	−19 23.3	2.172	3.080	9.5	21.9
5 1	15 52.04	−19 9.2	2.107	3.077	6.2	21.6
5 11	15 43.92	−18 50.9	2.068	3.072	2.5	21.4
5 21	15 35.20	−18 30.0	2.058	3.068	1.4	21.3
5 31	15 26.76	−18 9.0	2.075	3.063	5.2	21.5
6 10	15 19.44	−17 51.1	2.120	3.059	8.7	21.8
6 20	15 13.83	−17 38.6	2.188	3.054	11.8	21.9

82020 2000 SZ_{23} 5 17.6 175.°17 6.°8/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.36	−14 26.3	1.230	2.084	18.9	19.7
4 21	16 4.32	−11 47.9	1.162	2.086	14.6	19.4
5 1	15 56.05	− 8 55.3	1.117	2.089	10.0	19.2
5 11	15 45.60	− 6 0.9	1.096	2.090	6.9	19.0
5 21	15 34.37	− 3 19.9	1.102	2.090	8.3	19.1
5 31	15 23.93	− 1 6.4	1.134	2.090	12.6	19.3
6 10	15 15.61	+ 0 31.4	1.188	2.089	17.0	19.6
6 20	15 10.20	+ 1 32.0	1.260	2.088	20.9	19.8

293689 2007 PX_{34} 5 17.6 271.°15 2.°7/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.44	−26 13.3	1.534	2.361	17.1	21.1
4 21	16 3.11	−26 24.5	1.437	2.343	13.6	20.8
5 1	15 55.59	−26 23.3	1.360	2.325	9.4	20.5
5 11	15 45.59	−26 8.1	1.307	2.306	4.9	20.2
5 21	15 34.27	−25 38.9	1.278	2.287	3.0	20.0
5 31	15 23.16	−24 59.0	1.276	2.267	7.1	20.2
6 10	15 13.75	−24 14.6	1.297	2.248	12.0	20.4
6 20	15 7.09	−23 32.7	1.340	2.228	16.4	20.7

372378 2009 PP_{4} 5 17.6 235.°90 3.°5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.02	−30 43.4	2.199	2.990	13.8	22.6
4 21	16 2.59	−30 46.6	2.094	2.975	11.1	22.4
5 1	15 54.73	−30 36.6	2.011	2.958	8.0	22.1
5 11	15 45.09	−30 12.1	1.953	2.942	4.9	21.9
5 21	15 34.59	−29 33.0	1.922	2.924	3.5	21.8
5 31	15 24.32	−28 42.3	1.920	2.906	5.8	21.9
6 10	15 15.36	−27 44.8	1.945	2.887	9.2	22.1
6 20	15 8.47	−26 46.5	1.995	2.867	12.5	22.2

8839 Novichkova 5 17.6 212.°62 0.°8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.34	−18 33.2	2.789	3.608	10.4	18.5
4 21	15 56.71	−18 6.8	2.696	3.602	8.0	18.3
5 1	15 50.52	−17 35.5	2.627	3.596	5.1	18.1
5 11	15 43.28	−17 1.1	2.585	3.589	2.1	17.9
5 21	15 35.58	−16 25.6	2.573	3.582	1.5	17.8
5 31	15 28.12	−15 51.5	2.590	3.574	4.6	18.0
6 10	15 21.53	−15 21.7	2.635	3.567	7.5	18.2
6 20	15 16.29	−14 58.3	2.705	3.558	10.2	18.4

365211 2009 HQ_{14} 5 17.6 292.°33 2.°5/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.43	−14 20.1	1.482	2.329	16.6	20.7
4 21	16 2.34	−14 12.2	1.379	2.300	13.0	20.4
5 1	15 55.16	−14 2.3	1.297	2.271	8.6	20.0
5 11	15 45.48	−13 52.5	1.238	2.241	4.0	19.7
5 21	15 34.34	−13 45.6	1.204	2.211	3.5	19.6
5 31	15 23.17	−13 45.0	1.195	2.181	8.4	19.8
6 10	15 13.47	−13 53.9	1.210	2.151	13.6	20.0
6 20	15 6.36	−14 14.6	1.246	2.121	18.2	20.2

8494 Edpatvega 5 17.6 324.°21 8.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.67	− 2 27.9	1.518	2.371	15.9	17.0
4 21	15 56.58	− 1 6.5	1.442	2.356	13.0	16.8
5 1	15 50.99	+ 0 10.0	1.387	2.341	10.3	16.6
5 11	15 43.61	+ 1 13.6	1.355	2.327	8.8	16.5
5 21	15 35.39	+ 1 56.9	1.346	2.314	9.6	16.5
5 31	15 27.51	+ 2 14.7	1.360	2.301	12.3	16.6
6 10	15 21.03	+ 2 5.3	1.396	2.289	15.5	16.8
6 20	15 16.74	+ 1 30.5	1.449	2.277	18.7	16.9

59943 1999 RH_{198} 5 17.6 334.°11 8.°4/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.84	−42 36.1	1.924	2.682	16.6	18.7
4 21	16 0.10	−43 8.4	1.832	2.671	14.4	18.5
5 1	15 53.44	−43 19.8	1.758	2.661	11.9	18.3
5 11	15 44.64	−43 6.0	1.706	2.651	9.7	18.1
5 21	15 34.86	−42 25.2	1.678	2.641	8.4	18.0
5 31	15 25.50	−41 19.4	1.674	2.632	9.0	18.0
6 10	15 17.87	−39 55.1	1.694	2.624	11.0	18.1
6 20	15 12.83	−38 20.9	1.736	2.617	13.7	18.3

301871 1995 WH_{20} 5 17.6 272.°10 2.°0/16.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.50	−16 22.9	2.271	3.104	12.0	21.4
4 21	15 56.40	−15 35.2	2.182	3.096	9.2	21.2
5 1	15 50.47	−14 42.0	2.117	3.088	6.0	20.9
5 11	15 43.30	−13 46.6	2.078	3.080	2.8	20.7
5 21	15 35.59	−12 52.3	2.067	3.072	2.7	20.7
5 31	15 28.17	−12 3.2	2.085	3.064	5.9	20.9
6 10	15 21.79	−11 22.9	2.129	3.056	9.3	21.1
6 20	15 17.02	−10 53.9	2.196	3.048	12.3	21.3

505560 2014 AV_{36} 5 17.6 206.°40 1.°1/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.67	−17 43.6	2.359	3.181	12.0	23.0
4 21	15 59.53	−17 19.4	2.267	3.175	9.2	22.8
5 1	15 52.48	−16 50.3	2.199	3.169	6.0	22.6
5 11	15 44.11	−16 18.1	2.159	3.162	2.5	22.3
5 21	15 35.17	−15 45.0	2.147	3.155	1.9	22.3
5 31	15 26.50	−15 14.1	2.163	3.147	5.4	22.5
6 10	15 18.90	−14 48.4	2.207	3.139	8.8	22.7
6 20	15 12.95	−14 30.5	2.275	3.130	11.8	22.9

289895 2005 MT_{36} 5 17.6 314.°09 1.°6/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.53	−23 45.5	1.391	2.238	17.5	20.8
4 21	15 59.51	−23 48.4	1.298	2.217	13.8	20.5
5 1	15 53.33	−23 39.7	1.225	2.197	9.3	20.2
5 11	15 44.71	−23 19.2	1.174	2.177	4.3	19.8
5 21	15 34.80	−22 47.9	1.148	2.158	2.2	19.6
5 31	15 25.10	−22 10.1	1.145	2.140	7.3	19.9
6 10	15 17.11	−21 32.0	1.166	2.122	12.5	20.1
6 20	15 11.89	−20 59.7	1.207	2.104	17.2	20.3

170181 2003 MS_{6} 5 17.6 286.°50 0.°3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.64	−22 47.1	1.492	2.332	16.8	20.2
4 21	16 0.92	−22 20.7	1.392	2.309	13.2	19.9
5 1	15 54.15	−21 41.0	1.313	2.285	8.8	19.6
5 11	15 45.02	−20 48.7	1.257	2.261	3.7	19.2
5 21	15 34.64	−19 47.1	1.226	2.237	1.8	19.0
5 31	15 24.46	−18 41.9	1.220	2.212	7.4	19.3
6 10	15 15.88	−17 40.7	1.239	2.188	12.6	19.5
6 20	15 9.95	−16 50.1	1.278	2.163	17.3	19.7

323329 2003 UD_{167} 5 17.6 155.°83 2.°3/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.36	−27 20.5	2.101	2.901	14.0	22.7
4 21	16 3.36	−27 17.9	2.020	2.911	11.0	22.5
5 1	15 55.04	−27 3.9	1.962	2.919	7.6	22.3
5 11	15 45.16	−26 38.1	1.930	2.927	4.0	22.1
5 21	15 34.67	−26 1.7	1.927	2.934	2.4	22.0
5 31	15 24.65	−25 18.1	1.952	2.940	5.4	22.2
6 10	15 16.09	−24 32.1	2.004	2.945	9.0	22.5
6 20	15 9.63	−23 48.5	2.080	2.950	12.2	22.7

297798 2001 YO_{98} 5 17.6 86.°10 0.°4/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.29	−22 22.0	2.257	3.078	12.5	20.6
4 21	15 57.72	−22 2.6	2.182	3.088	9.6	20.4
5 1	15 51.28	−21 35.6	2.130	3.098	6.2	20.2
5 11	15 43.60	−21 2.1	2.104	3.108	2.6	20.0
5 21	15 35.47	−20 24.5	2.107	3.117	1.2	19.9
5 31	15 27.74	−19 46.0	2.137	3.127	4.9	20.1
6 10	15 21.18	−19 10.3	2.195	3.136	8.3	20.4
6 20	15 16.32	−18 40.2	2.276	3.146	11.3	20.6

371630 2007 AK_{10} 5 17.6 331.°34 4.°1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.64	−11 18.8	1.461	2.317	16.3	19.9
4 21	15 59.02	−10 54.1	1.383	2.308	12.7	19.7
5 1	15 52.67	−10 29.4	1.325	2.299	8.5	19.4
5 11	15 44.32	−10 8.8	1.291	2.291	4.8	19.2
5 21	15 35.06	− 9 56.2	1.281	2.283	4.9	19.1
5 31	15 26.15	− 9 55.1	1.297	2.276	8.7	19.3
6 10	15 18.82	−10 7.9	1.334	2.270	13.0	19.6
6 20	15 13.89	−10 34.9	1.393	2.264	16.9	19.8

507567 2013 AX_{74} 5 17.6 93.°06 4.°3/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.94	− 4 49.9	2.441	3.261	11.7	21.6
4 21	15 59.42	− 4 43.8	2.374	3.274	9.2	21.5
5 1	15 52.24	− 4 42.9	2.332	3.288	6.6	21.3
5 11	15 43.96	− 4 49.3	2.316	3.302	4.6	21.2
5 21	15 35.31	− 5 4.8	2.329	3.315	4.7	21.2
5 31	15 27.02	− 5 30.0	2.370	3.328	6.8	21.4
6 10	15 19.78	− 6 5.1	2.438	3.342	9.3	21.6
6 20	15 14.09	− 6 49.0	2.530	3.355	11.7	21.8

194528 2001 XR_{25} 5 17.6 109.°88 0.°6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.43	−17 57.5	1.573	2.406	16.4	19.8
4 21	16 4.63	−18 1.3	1.508	2.422	12.6	19.6
5 1	15 56.05	−18 0.5	1.465	2.436	8.1	19.3
5 11	15 45.60	−17 55.9	1.447	2.451	3.3	19.1
5 21	15 34.46	−17 49.0	1.455	2.465	1.9	19.0
5 31	15 23.96	−17 42.7	1.490	2.478	6.7	19.3
6 10	15 15.26	−17 40.3	1.550	2.491	11.1	19.6
6 20	15 9.09	−17 44.3	1.632	2.504	14.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
352098 2006 YD_{40}			5 17.6 174°.80		1°.8/18.9 18	
	h m	° ′			°	m
4 11	16 2.38	−27 16.7	2.570	3.372	11.7	21.1
4 21	15 57.71	−27 3.5	2.481	3.373	9.2	20.9
5 1	15 51.25	−26 40.5	2.416	3.374	6.3	20.7
5 11	15 43.61	−26 7.9	2.378	3.375	3.3	20.5
5 21	15 35.48	−25 27.2	2.368	3.375	1.9	20.4
5 31	15 27.68	−24 41.5	2.386	3.376	4.5	20.6
6 10	15 20.93	−23 54.3	2.432	3.376	7.5	20.8
6 20	15 15.77	−23 9.6	2.504	3.376	10.3	21.0
1811 Bruwer			5 17.6 300°.09		4°.0/14.9 18	
4 11	15 59.89	−10 6.2	2.187	3.025	12.2	15.7
4 21	15 55.99	− 9 18.1	2.100	3.015	9.5	15.5
5 1	15 50.25	− 8 29.3	2.038	3.005	6.5	15.3
5 11	15 43.24	− 7 43.7	2.001	2.995	4.2	15.2
5 21	15 35.66	− 7 5.0	1.991	2.985	4.6	15.2
5 31	15 28.34	− 6 36.8	2.009	2.975	7.3	15.3
6 10	15 22.05	− 6 21.4	2.052	2.965	10.3	15.5
6 20	15 17.36	− 6 19.9	2.117	2.955	13.2	15.7
489051 2005 YH_{69}			5 17.6 250°.66		17°.2/13.5 18	
4 11	16 15.07	+15 20.3	1.213	2.012	22.3	20.9
4 21	16 9.07	+16 22.8	1.151	2.004	20.2	20.7
5 1	15 59.43	+16 56.4	1.105	1.995	18.3	20.6
5 11	15 47.13	+16 48.5	1.077	1.986	17.3	20.5
5 21	15 33.65	+15 51.8	1.068	1.977	17.6	20.4
5 31	15 20.79	+14 5.5	1.080	1.968	19.4	20.5
6 10	15 10.15	+11 36.8	1.111	1.958	21.9	20.6
6 20	15 2.73	+ 8 37.6	1.158	1.948	24.6	20.8
37135 2000 VO_{32}			5 17.6 230°.60		0°.7/17.1 18	
4 11	16 1.41	−18 54.4	2.702	3.522	10.7	19.6
4 21	15 56.86	−18 29.8	2.606	3.513	8.2	19.4
5 1	15 50.68	−18 0.1	2.534	3.503	5.3	19.2
5 11	15 43.38	−17 26.9	2.489	3.493	2.1	18.9
5 21	15 35.60	−16 52.1	2.474	3.483	1.5	18.9
5 31	15 28.03	−16 18.4	2.487	3.472	4.7	19.1
6 10	15 21.35	−15 48.8	2.528	3.461	7.7	19.3
6 20	15 16.08	−15 25.4	2.594	3.450	10.5	19.4
297299 1998 RM_{62}			5 17.6 285°.40		3°.7/18.8 17	
4 11	16 8.09	−26 30.5	1.388	2.221	18.3	20.5
4 21	16 4.15	−27 1.6	1.289	2.197	14.7	20.2
5 1	15 56.64	−27 21.6	1.208	2.172	10.4	19.9
5 11	15 46.20	−27 27.4	1.150	2.147	5.8	19.5
5 21	15 34.03	−27 17.2	1.116	2.122	3.9	19.3
5 31	15 21.88	−26 52.6	1.106	2.097	8.0	19.5
6 10	15 11.52	−26 19.7	1.119	2.072	13.2	19.7
6 20	15 4.26	−25 45.9	1.153	2.047	18.1	19.9
214422 2005 QE_{6}			5 17.6 200°.57		5°.6/12.5 17	
4 11	16 0.06	− 0 13.5	3.004	3.818	9.9	21.3
4 21	15 55.54	+ 0 45.6	2.926	3.813	8.1	21.2
5 1	15 49.69	+ 1 40.0	2.873	3.809	6.5	21.1
5 11	15 42.95	+ 2 25.9	2.847	3.804	5.6	21.0
5 21	15 35.85	+ 3 0.2	2.849	3.798	6.1	21.0
5 31	15 28.97	+ 3 20.7	2.878	3.792	7.6	21.1
6 10	15 22.85	+ 3 26.4	2.932	3.786	9.5	21.3
6 20	15 17.90	+ 3 17.6	3.009	3.779	11.3	21.4
295499 2008 RW_{44}			5 17.6 322°.66		0°.2/17.6 16	
4 11	16 0.85	−20 20.3	1.029	1.903	20.2	20.9
4 21	15 59.06	−20 21.7	0.947	1.882	15.8	20.5
5 1	15 53.51	−20 13.2	0.883	1.863	10.5	20.1
5 11	15 44.95	−19 55.6	0.839	1.844	4.4	19.7
5 21	15 34.72	−19 31.2	0.815	1.827	2.3	19.5
5 31	15 24.71	−19 5.1	0.814	1.810	8.9	19.8
6 10	15 16.84	−18 44.1	0.832	1.795	15.2	20.1
6 20	15 12.37	−18 33.9	0.867	1.780	20.6	20.4
106628 2000 WH_{126}			5 17.6 237°.77		6°.6/14.7 18	
4 11	16 11.31	− 0 52.8	2.137	2.945	13.6	19.8
4 21	16 4.87	− 0 28.1	2.038	2.926	11.1	19.6
5 1	15 56.13	− 0 10.9	1.963	2.906	8.5	19.4
5 11	15 45.70	− 0 5.5	1.913	2.885	6.7	19.2
5 21	15 34.41	− 0 15.1	1.892	2.863	7.1	19.2
5 31	15 23.26	− 0 41.9	1.899	2.839	9.4	19.3
6 10	15 13.24	− 1 25.7	1.932	2.815	12.3	19.4
6 20	15 5.11	− 2 24.8	1.988	2.790	15.2	19.6
258840 2002 PP_{29}			5 17.6 231°.35		0°.2/17.7 17	
4 11	16 6.47	−21 56.1	1.935	2.758	14.2	21.4
4 21	16 1.47	−21 35.4	1.840	2.747	11.0	21.2
5 1	15 54.04	−21 5.5	1.767	2.736	7.2	21.0
5 11	15 44.86	−20 27.3	1.720	2.723	3.0	20.7
5 21	15 34.86	−19 43.3	1.700	2.710	1.5	20.5
5 31	15 25.15	−18 57.4	1.708	2.697	5.9	20.8
6 10	15 16.78	−18 14.5	1.742	2.683	10.1	21.0
6 20	15 10.51	−17 38.9	1.800	2.669	13.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
17711 1997 WA_{7}			5 17.6 320°.38		8°.3/14.9 18	
	h m	° ′			°	m
4 11	16 4.49	− 0 57.5	1.462	2.307	16.9	15.9
4 21	16 0.53	− 0 31.7	1.378	2.288	13.8	15.7
5 1	15 53.75	− 0 16.7	1.314	2.269	10.7	15.4
5 11	15 44.84	− 0 18.9	1.273	2.251	8.5	15.3
5 21	15 34.84	− 0 42.8	1.255	2.233	8.9	15.2
5 31	15 25.08	− 1 30.6	1.261	2.216	11.6	15.3
6 10	15 16.82	− 2 41.3	1.289	2.200	15.3	15.5
6 20	15 10.98	− 4 11.1	1.337	2.185	18.8	15.7
505429 2013 RM_{64}			5 17.6 284°.83		1°.5/18.3 17	
4 11	16 5.91	−23 38.7	1.645	2.476	16.0	22.2
4 21	16 1.74	−23 42.3	1.541	2.451	12.6	21.9
5 1	15 54.64	−23 35.9	1.459	2.427	8.5	21.6
5 11	15 45.25	−23 19.0	1.400	2.402	4.0	21.3
5 21	15 34.60	−22 52.3	1.367	2.377	2.1	21.1
5 31	15 24.06	−22 19.0	1.360	2.352	6.7	21.3
6 10	15 14.99	−21 44.5	1.377	2.326	11.6	21.5
6 20	15 8.40	−21 14.0	1.417	2.301	15.9	21.7
296226 2009 CH_{38}			5 17.6 0°.04		1°.9/18.4 17	
4 11	15 59.93	−24 2.9	1.042	1.911	20.4	20.3
4 21	15 58.04	−24 8.0	0.977	1.907	16.0	20.0
5 1	15 52.56	−23 58.8	0.929	1.905	10.7	19.7
5 11	15 44.41	−23 35.3	0.901	1.905	5.0	19.4
5 21	15 35.09	−22 59.8	0.895	1.905	2.5	19.2
5 31	15 26.41	−22 18.4	0.911	1.907	8.0	19.6
6 10	15 19.97	−21 38.6	0.947	1.911	13.6	19.9
6 20	15 16.76	−21 7.3	1.001	1.916	18.4	20.2
390226 2012 XE_{42}			5 17.6 260°.94		0°.9/18.2 17	
4 11	16 2.67	−23 52.8	2.168	2.987	13.0	21.5
4 21	15 58.29	−23 36.4	2.076	2.980	10.1	21.3
5 1	15 51.83	−23 10.7	2.007	2.973	6.7	21.1
5 11	15 43.92	−22 36.5	1.964	2.966	3.0	20.8
5 21	15 35.38	−21 55.8	1.948	2.959	1.4	20.7
5 31	15 27.14	−21 11.9	1.961	2.951	5.2	20.9
6 10	15 20.07	−20 29.1	2.000	2.944	8.8	21.1
6 20	15 14.82	−19 51.4	2.063	2.936	12.1	21.3
509804 2008 UL_{359}			5 17.6 270°.27		3°.5/15.6 18	
4 11	16 4.94	−11 20.9	2.139	2.969	12.8	22.0
4 21	16 0.12	−10 47.8	2.031	2.941	10.0	21.7
5 1	15 53.13	−10 13.2	1.945	2.913	6.8	21.5
5 11	15 44.52	− 9 40.1	1.887	2.884	4.0	21.2
5 21	15 35.04	− 9 11.9	1.855	2.854	4.1	21.2
5 31	15 25.65	− 8 51.9	1.852	2.824	7.3	21.3
6 10	15 17.27	− 8 43.0	1.875	2.793	10.9	21.5
6 20	15 10.66	− 8 46.8	1.920	2.761	14.2	21.6
331530 2000 SM_{135}			5 17.6 157°.49		2°.1/16.1 17	
4 11	16 4.31	−16 2.5	2.364	3.188	11.9	21.2
4 21	15 59.09	−15 9.6	2.287	3.196	9.1	21.0
5 1	15 52.10	−14 12.1	2.234	3.203	5.9	20.8
5 11	15 43.96	−13 12.8	2.208	3.210	2.8	20.6
5 21	15 35.41	−12 15.6	2.212	3.215	2.8	20.7
5 31	15 27.24	−11 24.2	2.244	3.221	5.8	20.9
6 10	15 20.18	−10 42.1	2.304	3.225	9.0	21.1
6 20	15 14.75	−10 11.4	2.388	3.229	11.8	21.3
293685 2007 PW_{33}			5 17.6 225°.60		3°.0/19.5 17	
4 11	16 5.92	−29 44.6	2.568	3.357	12.1	21.6
4 21	16 0.62	−29 54.4	2.466	3.346	9.7	21.4
5 1	15 53.29	−29 53.8	2.386	3.334	6.9	21.2
5 11	15 44.52	−29 42.0	2.333	3.322	4.2	21.0
5 21	15 35.08	−29 18.9	2.308	3.309	3.0	20.9
5 31	15 25.84	−28 46.6	2.312	3.296	5.0	21.0
6 10	15 17.67	−28 8.6	2.343	3.283	7.9	21.2
6 20	15 11.23	−27 29.1	2.399	3.269	10.8	21.4
114227 2002 VK_{116}			5 17.6 345°.86		4°.3/19.2 17	
4 11	16 4.85	−27 56.4	1.371	2.206	18.3	18.9
4 21	16 1.34	−28 34.0	1.293	2.201	14.7	18.7
5 1	15 54.52	−28 58.7	1.234	2.196	10.5	18.4
5 11	15 45.21	−29 7.6	1.197	2.192	6.2	18.2
5 21	15 34.71	−28 59.7	1.184	2.188	4.4	18.1
5 31	15 24.62	−28 37.4	1.195	2.185	7.7	18.2
6 10	15 16.48	−28 6.6	1.229	2.183	12.1	18.5
6 20	15 11.29	−27 34.4	1.283	2.182	16.3	18.7
387998 2005 QZ_{106}			5 17.6 309°.91		6°.7/13.7 15	
4 11	16 0.79	− 3 33.7	1.906	2.746	13.7	20.8
4 21	15 57.09	− 2 42.9	1.812	2.720	11.1	20.6
5 1	15 51.22	− 1 56.1	1.740	2.695	8.5	20.3
5 11	15 43.75	− 1 18.8	1.692	2.670	6.8	20.2
5 21	15 35.47	− 0 55.8	1.670	2.645	7.4	20.2
5 31	15 27.35	− 0 51.0	1.673	2.621	9.9	20.3
6 10	15 20.32	− 1 5.9	1.699	2.596	13.0	20.4
6 20	15 15.12	− 1 40.0	1.746	2.572	16.0	20.5

175036 2004 FO_{56} 5 17.6 64°.47 1°.2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.37	−17 20.4	2.066	2.899	13.1	20.6
4 21	15 57.95	−16 59.5	1.992	2.906	10.0	20.4
5 1	15 51.53	−16 34.2	1.941	2.913	6.4	20.2
5 11	15 43.78	−16 6.4	1.916	2.920	2.7	19.9
5 21	15 35.52	−15 38.9	1.919	2.927	2.1	19.9
5 31	15 27.65	−15 14.5	1.949	2.934	5.7	20.1
6 10	15 21.00	−14 56.4	2.005	2.942	9.2	20.4
6 20	15 16.14	−14 46.4	2.084	2.949	12.4	20.6

383267 2006 DA_{66} 5 17.6 67°.56 7°.5/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.01	− 0 38.3	1.757	2.589	15.0	20.4
4 21	16 0.03	+ 0 2.9	1.703	2.604	12.2	20.3
5 1	15 52.87	+ 0 34.7	1.670	2.618	9.4	20.1
5 11	15 44.31	+ 0 51.8	1.662	2.632	7.7	20.1
5 21	15 35.28	+ 0 50.9	1.678	2.647	8.0	20.1
5 31	15 26.81	+ 0 30.5	1.721	2.661	10.1	20.3
6 10	15 19.77	− 0 8.7	1.786	2.676	12.8	20.5
6 20	15 14.74	− 1 3.9	1.872	2.690	15.4	20.7

17416 1988 RR_{10} 5 17.6 311°.43 4°.1/12.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.97	− 0 51.2	4.121	4.937	7.4	19.4
4 21	15 50.66	− 0 8.7	4.043	4.933	6.0	19.3
5 1	15 46.44	+ 0 30.2	3.991	4.929	4.7	19.2
5 11	15 41.65	+ 1 3.0	3.966	4.925	4.1	19.1
5 21	15 36.62	+ 1 28.0	3.968	4.922	4.4	19.1
5 31	15 31.74	+ 1 43.6	3.999	4.918	5.5	19.2
6 10	15 27.35	+ 1 49.3	4.055	4.914	6.9	19.3
6 20	15 23.75	+ 1 44.9	4.135	4.911	8.4	19.4

259498 2003 SB_{257} 5 17.6 171°.90 0°.9/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.67	−18 58.7	1.965	2.789	14.0	21.9
4 21	16 2.14	−18 34.0	1.884	2.793	10.7	21.7
5 1	15 54.32	−18 2.8	1.827	2.796	6.9	21.5
5 11	15 44.95	−17 26.9	1.795	2.799	2.8	21.2
5 21	15 34.94	−16 49.0	1.791	2.801	1.9	21.1
5 31	15 25.36	−16 12.8	1.816	2.802	6.0	21.4
6 10	15 17.16	−15 42.4	1.867	2.802	9.9	21.6
6 20	15 11.01	−15 20.6	1.941	2.802	13.3	21.9

102026 1999 RF_{97} 5 17.6 202°.40 0°.3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.94	−21 17.7	2.003	2.822	13.9	20.9
4 21	16 2.47	−21 8.8	1.913	2.818	10.8	20.6
5 1	15 54.63	−20 52.4	1.846	2.813	7.1	20.4
5 11	15 45.11	−20 29.1	1.804	2.808	2.9	20.1
5 21	15 34.84	−20 0.7	1.791	2.801	1.4	20.0
5 31	15 24.88	−19 30.4	1.806	2.794	5.7	20.3
6 10	15 16.27	−19 2.1	1.847	2.787	9.7	20.5
6 20	15 9.72	−18 39.5	1.912	2.778	13.2	20.7

63536 2001 PS_{25} 5 17.6 151°.98 4°.7/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.26	− 4 13.6	2.688	3.508	10.8	20.2
4 21	15 57.31	− 3 33.5	2.617	3.516	8.5	20.1
5 1	15 50.87	− 2 57.3	2.571	3.523	6.3	20.0
5 11	15 43.47	− 2 28.2	2.552	3.530	4.9	19.9
5 21	15 35.71	− 2 8.8	2.562	3.536	5.2	19.9
5 31	15 28.25	− 2 1.2	2.599	3.542	7.0	20.0
6 10	15 21.71	− 2 6.2	2.662	3.548	9.3	20.2
6 20	15 16.51	− 2 23.3	2.748	3.553	11.4	20.4

391303 2006 SQ_{379} 5 17.6 286°.38 4°.1/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.89	− 9 59.0	2.117	2.955	12.6	21.5
4 21	15 56.78	− 9 8.7	2.037	2.951	9.8	21.3
5 1	15 50.79	− 8 17.9	1.980	2.947	6.7	21.1
5 11	15 43.50	− 7 30.6	1.950	2.943	4.4	21.0
5 21	15 35.68	− 6 50.9	1.946	2.939	4.7	21.0
5 31	15 28.17	− 6 22.2	1.970	2.935	7.4	21.1
6 10	15 21.76	− 6 7.1	2.019	2.931	10.5	21.3
6 20	15 17.00	− 6 6.1	2.089	2.927	13.4	21.5

402958 2007 TG_{406} 5 17.6 205°.85 0°.6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.34	−23 1.7	3.994	4.796	7.9	22.4
4 21	15 54.06	−22 54.5	3.895	4.790	6.1	22.2
5 1	15 48.69	−22 42.7	3.823	4.785	4.0	22.1
5 11	15 42.58	−22 26.7	3.778	4.779	1.8	21.9
5 21	15 36.16	−22 7.6	3.763	4.773	0.9	21.8
5 31	15 29.90	−21 46.7	3.779	4.767	3.0	22.0
6 10	15 24.22	−21 25.7	3.823	4.761	5.2	22.1
6 20	15 19.49	−21 6.4	3.894	4.754	7.2	22.3

390512 2014 BC_{56} 5 17.6 204°.30 2°.9/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.33	−10 26.1	2.405	3.228	11.8	21.2
4 21	15 59.98	−10 14.2	2.317	3.224	9.1	21.0
5 1	15 52.79	−10 3.4	2.253	3.219	6.1	20.8
5 11	15 44.32	− 9 55.7	2.217	3.214	3.5	20.6
5 21	15 35.28	− 9 53.0	2.209	3.208	3.5	20.6
5 31	15 26.49	− 9 57.2	2.230	3.202	6.2	20.7
6 10	15 18.72	−10 9.5	2.278	3.196	9.2	20.9
6 20	15 12.53	−10 30.4	2.349	3.189	12.0	21.1

143271 2003 AF_{14} 5 17.6 202°.09 4°.5/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.09	− 6 45.9	2.189	3.010	12.9	20.2
4 21	16 2.23	− 6 24.8	2.103	3.005	10.1	20.0
5 1	15 54.32	− 6 7.0	2.041	3.000	7.1	19.8
5 11	15 44.96	− 5 55.6	2.005	2.994	4.8	19.6
5 21	15 34.95	− 5 53.3	1.997	2.987	5.0	19.6
5 31	15 25.23	− 6 2.0	2.018	2.979	7.5	19.7
6 10	15 16.66	− 6 22.6	2.065	2.971	10.6	19.9
6 20	15 9.86	− 6 54.9	2.135	2.961	13.5	20.1

388964 2008 TJ_{88} 5 17.6 137°.18 1°.6/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.03	−15 38.1	2.201	3.028	12.6	21.6
4 21	15 59.84	−15 24.5	2.126	3.036	9.6	21.4
5 1	15 52.71	−15 8.1	2.074	3.044	6.2	21.2
5 11	15 44.27	−14 50.8	2.049	3.052	2.7	21.0
5 21	15 35.34	−14 34.6	2.052	3.059	2.3	20.9
5 31	15 26.78	−14 22.0	2.083	3.066	5.6	21.2
6 10	15 19.41	−14 15.2	2.142	3.073	9.0	21.4
6 20	15 13.78	−14 15.8	2.223	3.079	12.0	21.6

143478 2003 CJ_{10} 5 17.6 88°.58 1°.3/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.29	−24 46.5	1.802	2.620	15.3	20.1
4 21	16 2.63	−24 30.9	1.742	2.645	11.8	19.9
5 1	15 54.58	−24 4.4	1.705	2.670	7.8	19.7
5 11	15 45.01	−23 27.8	1.693	2.694	3.5	19.5
5 21	15 35.01	−22 43.8	1.708	2.718	1.7	19.5
5 31	15 25.70	−21 56.8	1.751	2.741	5.7	19.8
6 10	15 18.06	−21 11.8	1.820	2.764	9.5	20.0
6 20	15 12.66	−20 33.3	1.912	2.787	12.9	20.3

270332 2001 XD_{155} 5 17.6 223°.12 1°.5/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.50	−16 32.1	2.255	3.078	12.5	21.3
4 21	16 0.34	−16 7.1	2.159	3.067	9.6	21.1
5 1	15 53.14	−15 37.7	2.086	3.056	6.2	20.9
5 11	15 44.50	−15 5.8	2.041	3.044	2.7	20.7
5 21	15 35.20	−14 33.9	2.024	3.031	2.3	20.6
5 31	15 26.14	−14 5.2	2.036	3.018	5.8	20.8
6 10	15 18.16	−13 42.8	2.075	3.004	9.4	21.0
6 20	15 11.93	−13 29.1	2.137	2.989	12.6	21.2

250543 2004 RG_{21} 5 17.6 249°.46 3°.8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.81	−31 59.8	2.556	3.341	12.2	20.6
4 21	15 59.06	−32 18.4	2.461	3.335	9.9	20.4
5 1	15 52.32	−32 26.0	2.388	3.329	7.3	20.2
5 11	15 44.17	−32 21.2	2.340	3.322	4.9	20.1
5 21	15 35.37	−32 3.9	2.320	3.316	3.8	20.0
5 31	15 26.82	−31 35.8	2.328	3.309	5.3	20.1
6 10	15 19.36	−31 0.3	2.363	3.302	7.9	20.2
6 20	15 13.60	−30 21.7	2.422	3.296	10.6	20.4

413362 2004 BX_{20} 5 17.6 142°.09 2°.9/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.56	−12 54.8	1.921	2.751	14.0	22.2
4 21	16 1.97	−12 29.5	1.850	2.762	10.7	22.0
5 1	15 54.16	−12 2.8	1.803	2.772	7.1	21.8
5 11	15 44.89	−11 37.6	1.781	2.781	3.6	21.6
5 21	15 35.06	−11 16.8	1.787	2.790	3.5	21.6
5 31	15 25.70	−11 3.4	1.821	2.798	6.9	21.8
6 10	15 17.73	−10 59.6	1.880	2.805	10.5	22.1
6 20	15 11.77	−11 6.4	1.963	2.812	13.6	22.3

264642 2001 WS_{85} 5 17.6 220°.76 0°.4/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.52	−21 57.2	2.030	2.852	13.7	21.1
4 21	16 0.62	−21 43.0	1.939	2.845	10.6	20.9
5 1	15 53.44	−21 20.5	1.870	2.838	7.0	20.6
5 11	15 44.65	−20 50.6	1.828	2.831	2.9	20.4
5 21	15 35.14	−20 15.4	1.813	2.823	1.4	20.2
5 31	15 25.94	−19 38.2	1.826	2.815	5.6	20.5
6 10	15 18.02	−19 3.2	1.865	2.807	9.5	20.7
6 20	15 12.08	−18 34.3	1.928	2.798	13.0	20.9

377741 2005 XZ_{52} 5 17.6 246°.74 3°.9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.11	− 8 17.2	2.080	2.904	13.3	21.3
4 21	16 2.53	− 8 10.7	1.983	2.889	10.4	21.1
5 1	15 54.69	− 8 7.5	1.909	2.873	7.2	20.8
5 11	15 45.19	− 8 10.0	1.862	2.856	4.4	20.6
5 21	15 34.86	− 8 20.5	1.843	2.839	4.4	20.6
5 31	15 24.69	− 8 40.4	1.851	2.822	7.4	20.7
6 10	15 15.66	− 9 10.8	1.887	2.804	10.9	20.9
6 20	15 8.50	− 9 51.5	1.945	2.785	14.1	21.1

336455 2008 UE_{344} 5 17.6 195°.84 1°.1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.39	−24 11.4	2.131	2.947	13.3	21.5
4 21	15 59.62	−24 0.5	2.044	2.946	10.3	21.3
5 1	15 52.72	−23 40.3	1.980	2.945	6.9	21.0
5 11	15 44.34	−23 11.4	1.942	2.943	3.1	20.8
5 21	15 35.33	−22 35.5	1.931	2.941	1.6	20.7
5 31	15 26.67	−21 55.9	1.949	2.939	5.2	20.9
6 10	15 19.26	−21 16.8	1.993	2.937	8.9	21.1
6 20	15 13.73	−20 42.1	2.061	2.934	12.1	21.3

508017 2015 BY_{354} 5 17.6 330°.18 4°.2/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.01	−33 2.3	1.627	2.438	17.0	20.2
4 21	15 59.42	−32 40.0	1.539	2.430	13.8	20.0
5 1	15 52.98	−31 56.6	1.471	2.423	10.0	19.7
5 11	15 44.53	−30 51.2	1.426	2.416	6.2	19.5
5 21	15 35.23	−29 26.0	1.406	2.409	4.2	19.3
5 31	15 26.44	−27 47.3	1.412	2.403	6.7	19.5
6 10	15 19.40	−26 4.2	1.444	2.397	10.7	19.7
6 20	15 14.88	−24 25.7	1.498	2.392	14.6	19.9

131359 2001 KJ_{2} 5 17.6 320°.33 4°.1/15.9 17

4 11	16 3.17	− 9 30.8	1.757	2.601	14.5	19.2
4 21	15 59.03	− 9 13.5	1.673	2.590	11.3	19.0
5 1	15 52.52	− 8 58.2	1.612	2.581	7.8	18.7
5 11	15 44.32	− 8 48.4	1.575	2.571	4.7	18.5
5 21	15 35.32	− 8 47.0	1.564	2.562	4.7	18.5
5 31	15 26.61	− 8 56.4	1.579	2.553	8.0	18.7
6 10	15 19.20	− 9 18.1	1.618	2.545	11.7	18.9
6 20	15 13.84	− 9 52.0	1.679	2.537	15.2	19.1

110521 2001 TN_{80} 5 17.6 124°.21 2°.5/16.1 17

4 11	16 5.78	−13 57.6	2.121	2.949	13.0	20.0
4 21	16 0.35	−13 21.6	2.054	2.965	9.9	19.9
5 1	15 52.99	−12 43.2	2.011	2.980	6.5	19.7
5 11	15 44.38	−12 5.4	1.995	2.995	3.3	19.5
5 21	15 35.35	−11 31.3	2.007	3.010	3.2	19.5
5 31	15 26.79	−11 4.2	2.047	3.024	6.3	19.7
6 10	15 19.49	−10 46.4	2.114	3.037	9.6	20.0
6 20	15 13.99	−10 39.4	2.204	3.050	12.5	20.2

292799 2006 UE_{234} 5 17.6 357°.31 0°.1/17.6 17

4 11	16 2.60	−19 39.3	2.061	2.892	13.2	20.8
4 21	15 58.28	−19 36.2	1.979	2.891	10.1	20.6
5 1	15 51.87	−19 27.8	1.920	2.890	6.6	20.4
5 11	15 44.00	−19 14.9	1.886	2.890	2.7	20.2
5 21	15 35.51	−18 59.3	1.879	2.890	1.4	20.1
5 31	15 27.34	−18 43.5	1.900	2.890	5.4	20.3
6 10	15 20.37	−18 30.4	1.947	2.890	9.1	20.6
6 20	15 15.24	−18 22.6	2.017	2.890	12.4	20.8

420283 2011 QR_{4} 5 17.6 335°.57 1°.9/19.8 17

4 11	15 56.27	−29 58.0	4.113	4.897	8.0	20.9
4 21	15 52.54	−29 52.6	4.018	4.895	6.3	20.8
5 1	15 47.73	−29 40.2	3.947	4.893	4.5	20.6
5 11	15 42.22	−29 21.0	3.903	4.891	2.7	20.5
5 21	15 36.42	−28 55.5	3.888	4.889	1.9	20.4
5 31	15 30.79	−28 25.4	3.902	4.888	3.1	20.5
6 10	15 25.76	−27 52.5	3.945	4.886	5.0	20.6
6 20	15 21.68	−27 19.1	4.015	4.884	6.8	20.8

54576 2000 QE_{159} 5 17.6 76°.72 1°.5/18.6 18

4 11	16 2.69	−25 59.2	2.182	2.996	13.1	18.8
4 21	15 58.20	−25 39.5	2.104	3.004	10.2	18.7
5 1	15 51.70	−25 9.1	2.050	3.012	6.9	18.5
5 11	15 43.89	−24 29.1	2.021	3.021	3.3	18.3
5 21	15 35.59	−23 41.5	2.019	3.029	1.7	18.1
5 31	15 27.72	−22 50.1	2.046	3.037	4.9	18.4
6 10	15 21.09	−21 59.4	2.100	3.045	8.4	18.6
6 20	15 16.27	−21 13.5	2.177	3.053	11.5	18.8

195549 2002 JP_{66} 5 17.6 8°.60 2°.2/16.4 17

4 11	16 2.26	−16 16.9	1.757	2.600	14.5	19.9
4 21	15 58.25	−15 36.1	1.681	2.600	11.1	19.7
5 1	15 51.93	−14 49.8	1.627	2.601	7.2	19.5
5 11	15 44.04	−14 1.5	1.598	2.602	3.3	19.2
5 21	15 35.51	−13 15.2	1.596	2.602	3.1	19.2
5 31	15 27.41	−12 35.5	1.621	2.603	6.9	19.4
6 10	15 20.69	−12 6.3	1.670	2.605	10.9	19.7
6 20	15 16.02	−11 49.9	1.740	2.606	14.3	19.9

426983 2014 AU_{54} 5 17.6 58°.67 1°.0/18.2 17

4 11	16 4.00	−22 58.1	1.910	2.736	14.2	20.8
4 21	15 59.43	−22 55.5	1.839	2.747	11.0	20.6
5 1	15 52.62	−22 44.4	1.790	2.758	7.2	20.4
5 11	15 44.30	−22 25.6	1.766	2.769	3.2	20.2
5 21	15 35.40	−22 0.8	1.770	2.780	1.5	20.1
5 31	15 26.98	−21 33.1	1.800	2.791	5.5	20.3
6 10	15 19.95	−21 6.4	1.857	2.803	9.2	20.6
6 20	15 14.96	−20 44.3	1.936	2.814	12.6	20.8

278247 2007 EA_{167} 5 17.6 2°.94 6°.6/19.6 18

4 11	16 8.88	−31 17.3	1.515	2.328	18.0	19.5
4 21	16 4.42	−32 38.5	1.438	2.327	14.7	19.2
5 1	15 56.59	−33 48.0	1.381	2.327	11.1	19.0
5 11	15 46.15	−34 40.1	1.347	2.327	7.9	18.8
5 21	15 34.39	−35 10.7	1.337	2.328	6.7	18.8
5 31	15 22.96	−35 19.6	1.352	2.330	8.7	18.9
6 10	15 13.46	−35 11.5	1.391	2.332	12.1	19.1
6 20	15 6.96	−34 53.2	1.450	2.335	15.6	19.3

303251 2004 RW_{21} 5 17.6 154°.46 4°.0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.57	−11 53.2	1.725	2.562	15.1	21.5
4 21	16 2.21	−11 1.5	1.655	2.570	11.6	21.3
5 1	15 54.43	−10 7.9	1.608	2.576	7.8	21.0
5 11	15 45.04	− 9 16.9	1.586	2.583	4.6	20.9
5 21	15 35.03	− 8 33.1	1.590	2.588	4.8	20.9
5 31	15 25.55	− 8 1.0	1.622	2.593	8.1	21.1
6 10	15 17.59	− 7 43.6	1.678	2.597	11.9	21.3
6 20	15 11.81	− 7 41.7	1.756	2.601	15.2	21.5

329232 2012 EW_{6} 5 17.6 62°.82 3°.5/19.0 17

4 11	16 8.48	−26 49.8	1.492	2.318	17.5	21.1
4 21	16 3.67	−27 22.2	1.423	2.327	13.9	20.9
5 1	15 55.77	−27 42.6	1.375	2.336	9.7	20.7
5 11	15 45.68	−27 49.0	1.350	2.346	5.4	20.4
5 21	15 34.69	−27 41.1	1.349	2.355	3.6	20.4
5 31	15 24.28	−27 21.7	1.375	2.365	6.9	20.6
6 10	15 15.80	−26 56.1	1.425	2.375	11.1	20.8
6 20	15 10.10	−26 30.4	1.496	2.385	15.0	21.1

495143 2012 CX_{53} 5 17.6 15°.05 1°.6/18.3 17

4 11	16 3.58	−23 15.1	1.232	2.086	18.8	20.9
4 21	16 0.33	−23 24.6	1.166	2.089	14.7	20.7
5 1	15 53.81	−23 22.8	1.120	2.093	9.8	20.4
5 11	15 44.94	−23 9.6	1.095	2.098	4.5	20.1
5 21	15 35.09	−22 46.8	1.093	2.103	2.3	20.0
5 31	15 25.86	−22 18.8	1.115	2.110	7.3	20.3
6 10	15 18.68	−21 51.5	1.160	2.117	12.4	20.6
6 20	15 14.43	−21 30.3	1.224	2.125	16.7	20.9

187669 2008 CK_{5} 5 17.6 121°.09 4°.6/14.2 18

4 11	16 1.31	− 5 53.3	2.607	3.433	10.9	21.2
4 21	15 56.62	− 5 0.3	2.543	3.446	8.5	21.1
5 1	15 50.45	− 4 9.9	2.503	3.459	6.2	21.0
5 11	15 43.35	− 3 25.9	2.491	3.472	4.7	20.9
5 21	15 35.92	− 2 51.4	2.507	3.484	5.1	20.9
5 31	15 28.84	− 2 28.8	2.550	3.497	7.0	21.1
6 10	15 22.69	− 2 19.4	2.619	3.508	9.3	21.2
6 20	15 17.92	− 2 23.0	2.712	3.520	11.4	21.4

244767 2003 SK_{118} 5 17.6 276°.62 1°.4/16.9 17

4 11	16 4.81	−18 59.6	1.546	2.390	16.2	20.5
4 21	16 0.84	−18 24.5	1.453	2.372	12.5	20.2
5 1	15 54.01	−17 39.8	1.380	2.354	8.2	19.9
5 11	15 45.04	−16 48.0	1.332	2.336	3.4	19.6
5 21	15 35.00	−15 53.2	1.309	2.318	2.6	19.5
5 31	15 25.22	−15 1.0	1.312	2.300	7.5	19.7
6 10	15 16.99	−14 17.5	1.339	2.281	12.4	20.0
6 20	15 11.23	−13 47.2	1.386	2.262	16.7	20.2

268423 2005 UM_{483} 5 17.6 170°.80 2°.4/16.2 17

4 11	16 5.25	−14 28.0	2.225	3.051	12.5	22.1
4 21	16 0.01	−13 51.5	2.145	3.055	9.6	21.9
5 1	15 52.83	−13 11.9	2.089	3.058	6.3	21.7
5 11	15 44.37	−12 32.0	2.060	3.061	3.1	21.5
5 21	15 35.40	−11 54.8	2.060	3.063	3.0	21.5
5 31	15 26.79	−11 23.6	2.088	3.065	6.1	21.7
6 10	15 19.33	−11 1.4	2.142	3.065	9.5	21.9
6 20	15 13.61	−10 49.6	2.220	3.066	12.4	22.1

74917 1999 TT_{143} 5 17.6 337°.00 0°.1/17.7 17

4 11	15 59.79	−22 49.8	1.194	2.056	18.7	18.9
4 21	15 57.61	−22 15.1	1.116	2.044	14.6	18.6
5 1	15 52.18	−21 24.6	1.056	2.034	9.6	18.3
5 11	15 44.34	−20 20.6	1.019	2.024	4.0	17.9
5 21	15 35.38	−19 8.2	1.004	2.015	2.0	17.8
5 31	15 26.89	−17 55.4	1.012	2.007	7.9	18.1
6 10	15 20.34	−16 50.9	1.043	2.000	13.4	18.4
6 20	15 16.68	−16 1.5	1.092	1.994	18.2	18.6

424405 2008 AT_{25} 5 17.6 228°.28 4°.0/15.7 17

4 11	16 6.36	−10 50.0	1.798	2.634	14.6	21.3
4 21	16 1.42	−10 17.7	1.713	2.626	11.3	21.1
5 1	15 54.06	− 9 45.0	1.650	2.618	7.7	20.8
5 11	15 44.96	− 9 15.6	1.612	2.609	4.5	20.6
5 21	15 35.08	− 8 53.2	1.601	2.600	4.6	20.6
5 31	15 25.50	− 8 41.1	1.618	2.590	8.0	20.8
6 10	15 17.27	− 8 42.0	1.658	2.580	11.8	21.0
6 20	15 11.15	− 8 56.4	1.721	2.570	15.3	21.2

304741 2006 XT_{65} 5 17.6 266°.17 1°.7/19.0 16

4 11	16 2.62	−28 30.8	2.341	3.145	12.7	20.3
4 21	15 58.13	−27 48.6	2.244	3.137	10.0	20.1
5 1	15 51.69	−26 52.8	2.170	3.129	6.8	19.9
5 11	15 43.93	−25 44.2	2.122	3.120	3.5	19.6
5 21	15 35.63	−24 25.7	2.103	3.112	1.8	19.5
5 31	15 27.69	−23 1.9	2.113	3.104	4.8	19.7
6 10	15 20.91	−21 38.5	2.151	3.095	8.3	19.9
6 20	15 15.87	−20 20.7	2.213	3.087	11.4	20.1

318629 2005 JH_{185} 5 17.6 72°.65 0°.1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.08	−22 28.7	1.517	2.356	16.6	21.0
4 21	16 0.80	−21 54.8	1.446	2.362	12.8	20.7
5 1	15 53.76	−21 8.9	1.395	2.367	8.4	20.5
5 11	15 44.83	−20 13.4	1.368	2.372	3.4	20.2
5 21	15 35.19	−19 12.3	1.367	2.378	1.7	20.1
5 31	15 26.14	−18 11.6	1.392	2.383	6.7	20.4
6 10	15 18.83	−17 17.7	1.442	2.389	11.3	20.7
6 20	15 13.99	−16 35.4	1.513	2.394	15.3	20.9

364626 2007 TU_{33} 5 17.6 345°.67 2°.3/18.3 17

4 11	16 7.68	−22 43.4	1.328	2.171	18.3	20.2
4 21	16 3.52	−23 22.0	1.252	2.168	14.4	20.0
5 1	15 55.99	−23 53.1	1.195	2.165	9.7	19.7
5 11	15 45.91	−24 14.9	1.161	2.163	4.7	19.4
5 21	15 34.59	−24 26.3	1.151	2.161	2.7	19.3
5 31	15 23.69	−24 29.0	1.166	2.159	7.4	19.5
6 10	15 14.76	−24 27.2	1.205	2.158	12.4	19.8
6 20	15 8.83	−24 25.9	1.263	2.158	16.8	20.1

12125 Jamesjones 5 17.6 309°.68 0°.1/17.6 18

4 11	16 1.35	−20 31.5	2.018	2.851	13.4	18.0
4 21	15 57.56	−20 21.0	1.919	2.832	10.3	17.7
5 1	15 51.57	−20 3.6	1.842	2.813	6.8	17.5
5 11	15 43.97	−19 40.4	1.790	2.794	2.8	17.2
5 21	15 35.58	−19 13.3	1.766	2.776	1.4	17.0
5 31	15 27.38	−18 45.3	1.768	2.758	5.7	17.3
6 10	15 20.32	−18 20.2	1.796	2.741	9.6	17.5
6 20	15 15.12	−18 1.3	1.847	2.723	13.2	17.7

267312 2001 TR_{86} 5 17.6 140°.13 1°.3/18.4 17

4 11	16 7.86	−24 28.1	2.285	3.091	12.9	22.0
4 21	16 2.01	−24 23.6	2.209	3.104	10.0	21.8
5 1	15 54.12	−24 10.4	2.156	3.117	6.7	21.6
5 11	15 44.89	−23 48.9	2.129	3.130	3.1	21.4
5 21	15 35.17	−23 20.4	2.132	3.141	1.6	21.3
5 31	15 25.88	−22 47.8	2.163	3.152	4.9	21.6
6 10	15 17.88	−22 14.9	2.222	3.162	8.3	21.8
6 20	15 11.73	−21 45.1	2.306	3.172	11.3	22.0

288485 2004 FP_{26} 5 17.6 25°.93 2°.5/18.5 16

4 11	16 6.20	−23 50.8	1.068	1.927	20.7	21.0
4 21	16 2.82	−24 14.9	1.008	1.932	16.2	20.7
5 1	15 55.67	−24 27.0	0.965	1.938	11.0	20.4
5 11	15 45.77	−24 25.6	0.942	1.944	5.3	20.1
5 21	15 34.71	−24 11.3	0.942	1.952	2.9	20.0
5 31	15 24.40	−23 48.5	0.964	1.959	8.1	20.3
6 10	15 16.51	−23 23.9	1.008	1.968	13.5	20.7
6 20	15 12.01	−23 3.9	1.071	1.977	18.2	21.0

167985 2005 GK_{50} 5 17.6 95°.04 1°.3/16.9 18

4 11	16 3.64	−17 10.1	2.105	2.935	13.0	20.4
4 21	15 58.85	−16 46.8	2.035	2.948	9.9	20.2
5 1	15 52.11	−16 19.2	1.988	2.960	6.3	20.0
5 11	15 44.08	−15 49.4	1.968	2.972	2.7	19.8
5 21	15 35.59	−15 20.0	1.975	2.983	2.1	19.8
5 31	15 27.53	−14 54.1	2.010	2.995	5.6	20.1
6 10	15 20.70	−14 34.7	2.072	3.007	9.1	20.3
6 20	15 15.65	−14 23.6	2.157	3.018	12.1	20.5

401814 1994 WQ_{8} 5 17.6 171°.25 3°.5/15.9 16

4 11	16 7.57	−12 54.1	1.715	2.552	15.1	22.2
4 21	16 2.32	−12 13.4	1.640	2.555	11.7	22.0
5 1	15 54.59	−11 30.1	1.588	2.558	7.8	21.8
5 11	15 45.16	−10 48.2	1.560	2.560	4.2	21.6
5 21	15 35.03	−10 11.8	1.560	2.561	4.2	21.6
5 31	15 25.38	− 9 45.1	1.586	2.562	7.8	21.8
6 10	15 17.23	− 9 31.2	1.638	2.562	11.7	22.0
6 20	15 11.30	− 9 31.2	1.711	2.562	15.2	22.3

473953 2016 EO_{180} 5 17.6 116°.07 4°.4/15.1 16

4 11	16 6.41	−11 55.2	1.704	2.544	15.1	21.6
4 21	16 1.23	−10 47.0	1.643	2.559	11.6	21.4
5 1	15 53.73	− 9 36.7	1.604	2.573	7.8	21.2
5 11	15 44.75	− 8 29.6	1.592	2.587	4.8	21.1
5 21	15 35.28	− 7 31.2	1.606	2.601	5.1	21.1
5 31	15 26.41	− 6 46.6	1.646	2.614	8.3	21.3
6 10	15 19.09	− 6 18.6	1.712	2.627	11.9	21.6
6 20	15 13.91	− 6 8.2	1.798	2.639	15.0	21.8

216296 2007 LR_{22} 5 17.6 261°.62 3°.1/16.0 17

4 11	16 4.16	−12 27.0	1.991	2.826	13.4	20.3
4 21	15 59.59	−12 0.5	1.898	2.812	10.4	20.1
5 1	15 52.83	−11 32.5	1.828	2.798	6.9	19.9
5 11	15 44.47	−11 5.9	1.784	2.783	3.7	19.6
5 21	15 35.36	−10 43.8	1.767	2.768	3.7	19.6
5 31	15 26.47	−10 29.4	1.777	2.753	7.1	19.8
6 10	15 18.74	−10 25.2	1.812	2.738	10.7	20.0
6 20	15 12.89	−10 32.5	1.870	2.723	14.1	20.1

36922 2000 SN_{209} 5 17.7 301°.11 0°.9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.40	−15 15.9	4.348	5.166	7.0	19.0
4 21	15 51.76	−15 8.7	4.257	5.163	5.3	18.8
5 1	15 47.20	−15 0.3	4.192	5.160	3.4	18.7
5 11	15 42.04	−14 51.7	4.155	5.158	1.5	18.6
5 21	15 36.62	−14 43.8	4.148	5.155	1.3	18.5
5 31	15 31.33	−14 37.8	4.170	5.152	3.1	18.7
6 10	15 26.53	−14 34.6	4.221	5.149	5.1	18.8
6 20	15 22.52	−14 35.0	4.298	5.146	6.8	18.9

192837 1999 VL_{125} 5 17.7 83°.31 1°.2/18.2 17

4 11	16 6.98	−22 1.2	1.902	2.725	14.4	20.3
4 21	16 1.79	−22 21.4	1.829	2.734	11.2	20.1
5 1	15 54.22	−22 35.0	1.777	2.744	7.4	19.9
5 11	15 45.01	−22 41.7	1.752	2.753	3.3	19.6
5 21	15 35.12	−22 42.1	1.753	2.763	1.7	19.5
5 31	15 25.67	−22 38.0	1.782	2.772	5.6	19.8
6 10	15 17.65	−22 32.5	1.837	2.782	9.4	20.1
6 20	15 11.76	−22 28.7	1.915	2.791	12.8	20.3

2171 Kiev 5 17.7 323°.93 5°.8/15.8 18

4 11	16 2.97	− 9 2.3	1.157	2.026	18.8	15.5
4 21	16 0.10	− 8 37.0	1.079	2.009	14.8	15.2
5 1	15 53.90	− 8 14.6	1.019	1.993	10.3	14.9
5 11	15 45.12	− 8 0.9	0.980	1.978	6.4	14.6
5 21	15 35.01	− 8 0.8	0.964	1.964	6.6	14.6
5 31	15 25.18	− 8 18.4	0.970	1.951	10.8	14.8
6 10	15 17.22	− 8 55.3	0.997	1.938	15.7	15.0
6 20	15 12.20	− 9 50.3	1.042	1.927	20.3	15.2

176035 2000 SD_{186} 5 17.7 154°.94 2°.9/15.4 18

4 11	16 0.91	−12 16.2	2.515	3.345	11.1	20.6
4 21	15 56.49	−11 27.5	2.437	3.349	8.5	20.4
5 1	15 50.47	−10 37.1	2.384	3.352	5.7	20.3
5 11	15 43.41	− 9 48.1	2.358	3.355	3.3	20.1
5 21	15 35.95	− 9 3.9	2.361	3.358	3.5	20.1
5 31	15 28.80	− 8 27.5	2.392	3.361	6.0	20.3
6 10	15 22.60	− 8 1.4	2.449	3.363	8.8	20.5
6 20	15 17.83	− 7 46.7	2.530	3.366	11.4	20.7

176774 2002 RG_{225} 5 17.7 28°.20 2°.2/16.5 17

4 11	16 3.20	−17 55.7	1.417	2.270	16.9	19.9
4 21	15 59.46	−17 4.5	1.348	2.273	12.9	19.7
5 1	15 52.95	−16 4.6	1.300	2.276	8.3	19.4
5 11	15 44.53	−15 0.3	1.276	2.280	3.6	19.2
5 21	15 35.39	−13 57.2	1.277	2.284	3.3	19.1
5 31	15 26.82	−13 1.7	1.303	2.289	7.8	19.4
6 10	15 19.99	−12 19.5	1.352	2.294	12.4	19.7
6 20	15 15.63	−11 53.5	1.422	2.299	16.3	20.0

497477 2005 YW_{238} 5 17.7 227°.08 0°.9/18.2 17

4 11	16 5.63	−23 22.2	2.062	2.880	13.6	22.0
4 21	16 0.73	−23 13.0	1.969	2.872	10.6	21.7
5 1	15 53.56	−22 54.9	1.898	2.864	7.1	21.5
5 11	15 44.77	−22 28.3	1.853	2.855	3.1	21.2
5 21	15 35.24	−21 54.9	1.836	2.846	1.5	21.1
5 31	15 25.99	−21 17.8	1.847	2.837	5.5	21.3
6 10	15 18.01	−20 41.3	1.884	2.827	9.3	21.6
6 20	15 12.01	−20 9.4	1.945	2.817	12.8	21.7

470794 2008 UY_{347} 5 17.7 119°.35 0°.9/18.0 17

4 11	16 8.48	−20 47.9	2.152	2.966	13.3	21.2
4 21	16 2.68	−21 15.3	2.075	2.977	10.2	21.0
5 1	15 54.69	−21 38.2	2.021	2.986	6.7	20.8
5 11	15 45.19	−21 55.7	1.994	2.996	2.9	20.6
5 21	15 35.05	−22 8.1	1.995	3.005	1.5	20.5
5 31	15 25.27	−22 16.4	2.025	3.015	5.2	20.8
6 10	15 16.78	−22 23.0	2.083	3.023	8.7	21.0
6 20	15 10.23	−22 30.2	2.164	3.032	11.9	21.2

475074 2005 UC_{143} 5 17.7 223°.18 0°.4/17.9 16

4 11	16 2.10	−21 32.6	2.596	3.412	11.2	22.1
4 21	15 57.53	−21 26.1	2.505	3.408	8.6	21.9
5 1	15 51.24	−21 13.7	2.437	3.404	5.7	21.7
5 11	15 43.76	−20 56.2	2.396	3.399	2.4	21.5
5 21	15 35.76	−20 34.9	2.384	3.395	1.1	21.4
5 31	15 28.01	−20 12.0	2.401	3.390	4.5	21.6
6 10	15 21.20	−19 50.3	2.445	3.385	7.6	21.8
6 20	15 15.89	−19 32.3	2.513	3.380	10.5	22.0

255661 2006 QR_{30} 5 17.7 288°.52 1°.4/17.0 17

4 11	16 5.15	−17 31.9	1.525	2.371	16.3	20.7
4 21	16 1.24	−17 15.6	1.428	2.348	12.7	20.4
5 1	15 54.40	−16 53.0	1.351	2.326	8.3	20.1
5 11	15 45.28	−16 26.0	1.299	2.303	3.5	19.7
5 21	15 34.93	−15 57.4	1.271	2.280	2.6	19.6
5 31	15 24.73	−15 31.7	1.269	2.257	7.6	19.8
6 10	15 16.03	−15 13.3	1.290	2.234	12.6	20.0
6 20	15 9.83	−15 6.0	1.333	2.212	17.1	20.3

58287 1994 AE_1 5 17.7 285°.62 8°.7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.85	−42 30.9	1.836	2.591	17.4	18.3
4 21	16 4.40	−42 59.8	1.727	2.566	15.1	18.1
5 1	15 56.60	−43 6.8	1.637	2.541	12.5	17.8
5 11	15 46.21	−42 46.2	1.568	2.516	10.1	17.6
5 21	15 34.46	−41 54.7	1.523	2.491	8.8	17.5
5 31	15 23.00	−40 33.6	1.503	2.465	9.5	17.5
6 10	15 13.38	−38 50.3	1.507	2.439	12.0	17.6
6 20	15 6.70	−36 55.2	1.534	2.414	15.2	17.7

458749 2011 QP_{74} 5 17.7 315°.41 4°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.51	−42 33.0	4.203	4.918	8.9	20.9
4 21	15 55.21	−42 54.0	4.105	4.914	7.6	20.8
5 1	15 49.58	−43 4.5	4.029	4.910	6.3	20.7
5 11	15 43.05	−43 3.2	3.978	4.906	5.2	20.6
5 21	15 36.12	−42 50.0	3.953	4.902	4.6	20.5
5 31	15 29.37	−42 25.6	3.956	4.898	4.9	20.6
6 10	15 23.34	−41 52.1	3.986	4.894	5.9	20.6
6 20	15 18.44	−41 12.2	4.041	4.890	7.2	20.7

378367 2007 MB_5 5 17.7 14°.16 8°.7/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.79	− 0 6.1	1.544	2.387	16.2	20.1
4 21	15 58.80	+ 0 48.3	1.483	2.389	13.3	19.9
5 1	15 52.36	+ 1 32.4	1.443	2.392	10.5	19.8
5 11	15 44.27	+ 1 59.8	1.426	2.395	8.8	19.7
5 21	15 35.53	+ 2 5.5	1.433	2.399	9.3	19.7
5 31	15 27.30	+ 1 47.1	1.463	2.403	11.6	19.8
6 10	15 20.57	+ 1 5.4	1.515	2.408	14.5	20.0
6 20	15 16.02	+ 0 3.7	1.587	2.413	17.4	20.2

111720 2002 CU_{41} 5 17.7 31°.70 0°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.12	−21 40.9	2.278	3.102	12.3	19.5
4 21	15 56.93	−21 2.8	2.194	3.103	9.4	19.3
5 1	15 50.89	−20 16.4	2.134	3.104	6.1	19.1
5 11	15 43.61	−19 23.7	2.100	3.104	2.5	18.8
5 21	15 35.86	−18 27.7	2.095	3.105	1.3	18.8
5 31	15 28.46	−17 32.4	2.118	3.106	5.0	19.0
6 10	15 22.16	−16 41.9	2.167	3.107	8.5	19.2
6 20	15 17.51	−15 59.7	2.241	3.108	11.5	19.4

149114 2002 CX_{259} 5 17.7 223°.08 3°.9/20.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.91	−33 54.6	2.501	3.280	12.6	20.1
4 21	15 59.15	−33 52.4	2.407	3.276	10.3	19.9
5 1	15 52.39	−33 36.5	2.335	3.272	7.7	19.8
5 11	15 44.25	−33 5.8	2.288	3.268	5.1	19.6
5 21	15 35.54	−32 21.2	2.269	3.264	3.9	19.5
5 31	15 27.17	−31 25.3	2.278	3.259	5.3	19.6
6 10	15 19.97	−30 22.8	2.314	3.255	7.9	19.7
6 20	15 14.54	−29 18.7	2.375	3.250	10.7	19.9

59508 1999 JP_{13} 5 17.7 184°.00 2°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.46	−14 19.9	1.736	2.568	15.2	19.2
4 21	16 3.88	−14 16.4	1.656	2.569	11.7	19.0
5 1	15 55.70	−14 11.5	1.598	2.569	7.7	18.7
5 11	15 45.67	−14 6.9	1.566	2.568	3.5	18.5
5 21	15 34.82	−14 4.4	1.560	2.567	2.9	18.4
5 31	15 24.36	−14 6.5	1.582	2.566	7.0	18.7
6 10	15 15.41	−14 15.4	1.630	2.564	11.2	18.9
6 20	15 8.74	−14 32.6	1.699	2.561	14.8	19.1

263101 2007 TO_{254} 5 17.7 131°.61 3°.8/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.45	−13 35.7	1.571	2.416	15.9	20.8
4 21	16 0.86	−12 38.5	1.502	2.421	12.2	20.5
5 1	15 53.71	−11 37.3	1.454	2.426	8.1	20.3
5 11	15 44.82	−10 36.9	1.431	2.431	4.4	20.1
5 21	15 35.27	− 9 42.9	1.435	2.435	4.6	20.1
5 31	15 26.26	− 9 0.6	1.464	2.440	8.3	20.3
6 10	15 18.86	− 8 33.8	1.517	2.444	12.4	20.6
6 20	15 13.75	− 8 24.0	1.591	2.447	15.9	20.8

303721 2005 QW_{15} 5 17.7 30°.24 4°.9/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.58	− 7 11.5	2.180	3.016	12.4	20.6
4 21	15 56.48	− 6 18.8	2.107	3.018	9.7	20.5
5 1	15 50.58	− 5 28.0	2.058	3.019	6.9	20.3
5 11	15 43.49	− 4 43.3	2.034	3.020	5.0	20.2
5 21	15 35.94	− 4 8.5	2.038	3.022	5.5	20.2
5 31	15 28.71	− 3 46.8	2.068	3.023	7.8	20.3
6 10	15 22.55	− 3 39.9	2.123	3.025	10.6	20.5
6 20	15 17.98	− 3 47.7	2.200	3.027	13.2	20.7

84199 2002 RH_{122} 5 17.7 284°.30 4°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.39	−10 32.3	1.572	2.418	15.8	20.1
4 21	16 1.14	−10 6.5	1.483	2.402	12.4	19.8
5 1	15 54.16	− 9 41.0	1.415	2.386	8.5	19.5
5 11	15 45.13	− 9 19.8	1.371	2.369	5.0	19.3
5 21	15 35.06	− 9 6.8	1.353	2.353	5.0	19.2
5 31	15 25.22	− 9 5.5	1.360	2.337	8.8	19.4
6 10	15 16.84	− 9 18.3	1.391	2.320	13.1	19.6
6 20	15 10.80	− 9 45.8	1.442	2.304	17.0	19.8

67904 2000 WJ_{96} 5 17.7 235°.56 1°.1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.43	−23 52.2	1.747	2.570	15.5	20.2
4 21	16 2.57	−23 40.7	1.654	2.560	12.1	20.0
5 1	15 55.00	−23 18.3	1.583	2.550	8.1	19.7
5 11	15 45.44	−22 45.2	1.536	2.538	3.6	19.4
5 21	15 34.92	−22 3.1	1.516	2.527	1.7	19.2
5 31	15 24.73	−21 16.3	1.523	2.514	6.3	19.5
6 10	15 16.06	−20 30.3	1.556	2.502	10.7	19.7
6 20	15 9.74	−19 50.4	1.611	2.489	14.7	19.9

260485 2005 CB_{47} 5 17.7 105°.99 4°.9/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.82	−10 0.6	1.528	2.376	16.2	20.7
4 21	16 1.18	− 9 13.2	1.463	2.382	12.5	20.5
5 1	15 53.93	− 8 26.2	1.419	2.388	8.6	20.2
5 11	15 44.92	− 7 44.6	1.398	2.394	5.4	20.1
5 21	15 35.24	− 7 13.4	1.404	2.399	5.7	20.1
5 31	15 26.10	− 6 56.6	1.434	2.405	9.0	20.3
6 10	15 18.60	− 6 56.4	1.489	2.411	12.9	20.5
6 20	15 13.42	− 7 12.8	1.563	2.416	16.3	20.8

384123 2008 XC_{42} 5 17.7 318°.02 0°.2/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.56	−18 54.4	1.917	2.749	14.0	20.4
4 21	16 0.01	−19 1.2	1.833	2.745	10.8	20.2
5 1	15 53.15	−19 3.4	1.771	2.742	7.0	20.0
5 11	15 44.63	−19 1.8	1.734	2.738	2.9	19.7
5 21	15 35.36	−18 57.6	1.724	2.735	1.5	19.6
5 31	15 26.40	−18 52.9	1.742	2.732	5.8	19.8
6 10	15 18.73	−18 50.5	1.785	2.729	9.7	20.1
6 20	15 13.07	−18 52.8	1.851	2.726	13.2	20.3

425500 2010 GU_{124} 5 17.7 348°.55 6°.0/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.92	− 8 28.1	1.816	2.664	14.0	20.9
4 21	15 56.33	− 6 49.9	1.744	2.661	10.9	20.7
5 1	15 50.65	− 5 10.2	1.695	2.659	7.9	20.5
5 11	15 43.57	− 3 36.1	1.672	2.657	6.1	20.4
5 21	15 35.93	− 2 14.5	1.675	2.655	6.9	20.5
5 31	15 28.68	− 1 11.2	1.704	2.654	9.6	20.6
6 10	15 22.69	− 0 29.7	1.757	2.652	12.7	20.8
6 20	15 18.54	− 0 10.4	1.830	2.652	15.6	21.0

140944 2001 VU_{93} 5 17.7 130°.44 5°.0/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.28	− 4 4.2	2.702	3.523	10.7	20.8
4 21	15 56.57	− 3 8.3	2.637	3.536	8.5	20.6
5 1	15 50.44	− 2 16.0	2.598	3.548	6.3	20.5
5 11	15 43.39	− 1 31.1	2.586	3.560	5.0	20.4
5 21	15 36.03	− 0 56.7	2.601	3.571	5.5	20.5
5 31	15 29.00	− 0 35.0	2.645	3.582	7.2	20.6
6 10	15 22.86	− 0 27.1	2.714	3.593	9.3	20.8
6 20	15 18.05	− 0 32.9	2.806	3.603	11.4	20.9

37018 2000 TE_{60} 5 17.7 271°.81 8°.8/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.20	+ 1 23.3	1.938	2.764	14.1	18.9
4 21	15 58.89	+ 2 43.8	1.850	2.743	11.8	18.7
5 1	15 52.41	+ 3 57.9	1.786	2.721	9.8	18.6
5 11	15 44.34	+ 4 58.6	1.745	2.699	8.8	18.5
5 21	15 35.50	+ 5 39.8	1.730	2.676	9.6	18.5
5 31	15 26.86	+ 5 57.1	1.740	2.653	11.7	18.5
6 10	15 19.34	+ 5 49.2	1.771	2.630	14.4	18.7
6 20	15 13.66	+ 5 17.5	1.822	2.607	17.0	18.8

429636 2011 FH_{120} 5 17.7 85°.06 5°.0/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.34	−32 0.3	1.812	2.611	16.0	21.0
4 21	16 3.27	−32 37.4	1.737	2.618	13.0	20.9
5 1	15 55.42	−33 0.4	1.682	2.626	9.6	20.7
5 11	15 45.58	−33 6.6	1.650	2.633	6.4	20.5
5 21	15 34.90	−32 55.0	1.645	2.640	5.1	20.4
5 31	15 24.70	−32 27.9	1.666	2.647	6.9	20.5
6 10	15 16.18	−31 50.6	1.712	2.655	10.1	20.7
6 20	15 10.14	−31 9.3	1.781	2.662	13.4	21.0

200232 1999 UG_{51} 5 17.7 251°.93 2°.4/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.33	−13 14.8	2.282	3.108	12.3	20.8
4 21	16 0.28	−12 57.3	2.180	3.089	9.5	20.6
5 1	15 53.21	−12 38.2	2.101	3.069	6.3	20.3
5 11	15 44.65	−12 19.7	2.048	3.049	3.2	20.1
5 21	15 35.35	−12 4.0	2.024	3.028	3.0	20.0
5 31	15 26.19	−11 53.7	2.029	3.007	6.2	20.2
6 10	15 18.03	−11 51.0	2.060	2.985	9.7	20.4
6 20	15 11.55	−11 57.3	2.115	2.962	12.9	20.5

504611 2008 UO_{194} 5 17.7 202°.40 1°.9/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.91	−15 15.3	2.398	3.223	11.8	22.8
4 21	15 58.96	−14 44.6	2.310	3.219	9.0	22.6
5 1	15 52.19	−14 10.5	2.245	3.214	5.9	22.4
5 11	15 44.18	−13 35.3	2.207	3.209	2.8	22.1
5 21	15 35.63	−13 1.6	2.198	3.204	2.6	22.1
5 31	15 27.36	−12 32.5	2.218	3.197	5.7	22.3
6 10	15 20.11	−12 10.6	2.265	3.191	8.9	22.5
6 20	15 14.44	−11 57.9	2.336	3.184	11.8	22.7

52322 1992 DD_9 5 17.7 209°.37 3°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.89	−14 9.0	1.904	2.740	13.9	19.6
4 21	16 0.14	−13 21.2	1.821	2.736	10.7	19.4
5 1	15 53.16	−12 29.3	1.760	2.731	7.1	19.1
5 11	15 44.62	−11 36.9	1.726	2.726	3.7	18.9
5 21	15 35.42	−10 48.1	1.719	2.721	3.8	18.9
5 31	15 26.57	−10 7.7	1.739	2.715	7.2	19.1
6 10	15 19.02	− 9 39.0	1.784	2.709	10.9	19.3
6 20	15 13.44	− 9 24.2	1.852	2.702	14.3	19.5

86529 2000 DN_{79} 5 17.7 255°.53 3°.6/19.1 18

4 11	16 10.04	−27 26.3	1.539	2.359	17.4	19.2
4 21	16 5.28	−27 51.2	1.443	2.343	14.0	18.9
5 1	15 57.19	−28 4.1	1.367	2.327	9.9	18.7
5 11	15 46.50	−28 2.2	1.315	2.310	5.6	18.4
5 21	15 34.40	−27 44.4	1.287	2.293	3.8	18.2
5 31	15 22.49	−27 13.0	1.285	2.275	7.4	18.4
6 10	15 12.33	−26 33.9	1.308	2.257	12.1	18.6
6 20	15 5.05	−25 54.3	1.352	2.238	16.4	18.8

506876 2008 AB_{34} 5 17.7 184°.71 4°.3/14.8 18

4 11	16 2.38	− 6 13.4	2.594	3.418	11.0	21.8
4 21	15 57.58	− 5 39.8	2.515	3.418	8.6	21.7
5 1	15 51.19	− 5 8.9	2.460	3.417	6.2	21.5
5 11	15 43.75	− 4 43.9	2.432	3.417	4.5	21.4
5 21	15 35.87	− 4 27.3	2.432	3.416	4.7	21.4
5 31	15 28.26	− 4 21.3	2.460	3.414	6.8	21.5
6 10	15 21.56	− 4 26.8	2.514	3.413	9.3	21.7
6 20	15 16.25	− 4 43.9	2.592	3.411	11.6	21.8

295241 2008 GY_{24} 5 17.7 132°.54 0°.1/17.6 18

4 11	16 2.88	−19 44.3	2.461	3.281	11.6	21.0
4 21	15 58.16	−19 43.2	2.378	3.284	8.9	20.9
5 1	15 51.67	−19 37.5	2.319	3.287	5.8	20.7
5 11	15 43.97	−19 28.0	2.286	3.290	2.4	20.4
5 21	15 35.76	−19 15.9	2.282	3.293	1.2	20.4
5 31	15 27.84	−19 3.3	2.307	3.295	4.7	20.6
6 10	15 20.93	−18 52.6	2.359	3.298	7.9	20.8
6 20	15 15.60	−18 45.9	2.435	3.301	10.8	21.0

511330 2014 DJ_{146} 5 17.7 206°.13 3°.5/19.7 17

4 11	16 6.96	−30 43.8	2.659	3.440	11.9	21.7
4 21	16 1.44	−31 14.2	2.562	3.436	9.6	21.6
5 1	15 53.91	−31 35.3	2.489	3.431	7.0	21.4
5 11	15 44.93	−31 45.2	2.442	3.425	4.6	21.2
5 21	15 35.26	−31 43.5	2.423	3.419	3.6	21.1
5 31	15 25.79	−31 31.1	2.433	3.413	5.2	21.2
6 10	15 17.37	−31 11.0	2.471	3.407	7.8	21.4
6 20	15 10.65	−30 46.9	2.534	3.400	10.4	21.5

467502 2007 BS_{15} 5 17.7 348°.91 11°.1/13.7 16

4 11	15 58.16	+ 0 47.1	1.118	1.988	19.2	20.1
4 21	15 56.24	+ 1 45.0	1.054	1.975	16.0	19.9
5 1	15 51.24	+ 2 29.3	1.008	1.964	13.0	19.6
5 11	15 44.00	+ 2 50.2	0.981	1.954	11.2	19.5
5 21	15 35.72	+ 2 40.8	0.974	1.946	11.8	19.5
5 31	15 27.88	+ 1 57.8	0.988	1.940	14.5	19.6
6 10	15 21.84	+ 0 43.0	1.021	1.936	18.0	19.8
6 20	15 18.51	− 0 57.5	1.070	1.934	21.4	20.0

114260 2002 WB_{17} 5 17.7 204°.12 3°.7/15.4 18

4 11	16 2.93	− 8 55.2	2.351	3.180	11.8	20.0
4 21	15 58.21	− 8 26.2	2.269	3.177	9.2	19.8
5 1	15 51.71	− 7 58.4	2.210	3.174	6.4	19.6
5 11	15 44.00	− 7 35.0	2.179	3.171	4.1	19.5
5 21	15 35.78	− 7 18.5	2.175	3.168	4.3	19.5
5 31	15 27.83	− 7 11.3	2.199	3.165	6.7	19.6
6 10	15 20.89	− 7 15.0	2.249	3.161	9.6	19.8
6 20	15 15.50	− 7 29.8	2.323	3.157	12.3	20.0

297129 2010 SL_{11} 5 17.7 317°.59 2°.2/16.5 17

4 11	16 2.01	−18 22.9	1.361	2.218	17.2	20.4
4 21	15 58.89	−17 31.1	1.280	2.207	13.3	20.1
5 1	15 52.83	−16 28.4	1.219	2.196	8.6	19.8
5 11	15 44.63	−15 18.9	1.182	2.186	3.8	19.5
5 21	15 35.44	−14 8.7	1.168	2.176	3.3	19.5
5 31	15 26.66	−13 5.2	1.180	2.167	8.3	19.7
6 10	15 19.61	−12 14.9	1.214	2.158	13.2	20.0
6 20	15 15.13	−11 42.3	1.268	2.150	17.6	20.2

417452 2006 QE_{13} 5 17.7 331°.32 3°.0/16.7 17

4 11	16 5.06	−12 54.2	1.298	2.156	17.8	20.2
4 21	16 1.38	−12 53.4	1.221	2.147	13.8	19.9
5 1	15 54.56	−12 53.2	1.163	2.139	9.2	19.6
5 11	15 45.38	−12 56.1	1.128	2.131	4.4	19.3
5 21	15 35.04	−13 4.6	1.117	2.124	3.9	19.2
5 31	15 25.07	−13 21.4	1.130	2.117	8.6	19.5
6 10	15 16.89	−13 48.3	1.165	2.111	13.5	19.7
6 20	15 11.48	−14 25.8	1.220	2.106	17.9	20.0

57919 2002 EE_{129} 5 17.7 333°.90 0°.2/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.30	−20 58.2	1.470	2.320	16.5	19.9
4 21	15 58.28	−20 53.2	1.385	2.307	12.8	19.6
5 1	15 52.43	−20 39.5	1.320	2.295	8.5	19.3
5 11	15 44.47	−20 18.1	1.279	2.283	3.5	19.0
5 21	15 35.50	−19 51.2	1.261	2.272	1.7	18.8
5 31	15 26.84	−19 23.0	1.269	2.262	6.9	19.1
6 10	15 19.77	−18 58.3	1.300	2.253	11.7	19.3
6 20	15 15.18	−18 41.5	1.352	2.245	16.0	19.6

63075 2000 WC_{126} 5 17.7 324°.11 5°.4/20.1 18

4 11	16 6.76	−33 1.0	2.140	2.927	14.2	19.0
4 21	16 1.91	−33 55.4	2.049	2.921	11.7	18.8
5 1	15 54.54	−34 38.6	1.980	2.915	8.9	18.6
5 11	15 45.29	−35 7.3	1.936	2.910	6.4	18.4
5 21	15 35.09	−35 19.5	1.917	2.905	5.4	18.4
5 31	15 25.10	−35 15.7	1.926	2.900	6.8	18.4
6 10	15 16.42	−34 59.3	1.960	2.895	9.5	18.6
6 20	15 9.90	−34 35.4	2.018	2.891	12.4	18.8

463401 2013 GL_{123} 5 17.7 281°.18 2°.3/16.9 17

4 11	16 7.37	−14 30.0	1.458	2.304	16.8	21.2
4 21	16 3.03	−14 27.1	1.368	2.288	13.1	20.9
5 1	15 55.62	−14 22.4	1.298	2.272	8.7	20.6
5 11	15 45.85	−14 18.2	1.252	2.255	3.9	20.3
5 21	15 34.83	−14 16.7	1.231	2.238	3.2	20.2
5 31	15 24.00	−14 20.9	1.235	2.222	8.1	20.5
6 10	15 14.78	−14 33.4	1.263	2.205	13.0	20.7
6 20	15 8.19	−14 56.2	1.311	2.188	17.4	20.9

379722 2011 GQ_{40} 5 17.7 89°.27 1°.4/18.2 17

4 11	16 10.14	−21 30.4	1.814	2.635	15.1	21.0
4 21	16 4.34	−22 6.4	1.744	2.648	11.7	20.8
5 1	15 55.97	−22 36.9	1.696	2.662	7.8	20.6
5 11	15 45.81	−23 0.5	1.674	2.675	3.5	20.4
5 21	15 34.92	−23 17.0	1.679	2.689	1.9	20.3
5 31	15 24.51	−23 27.5	1.712	2.702	5.8	20.6
6 10	15 15.67	−23 34.7	1.771	2.715	9.8	20.8
6 20	15 9.13	−23 41.9	1.853	2.728	13.2	21.1

73716 1992 YT_3 5 17.7 165°.71 2°.5/16.4 17

4 11	16 7.51	−14 5.6	2.008	2.835	13.6	20.1
4 21	16 1.96	−13 37.8	1.930	2.840	10.4	19.9
5 1	15 54.25	−13 7.5	1.876	2.845	6.8	19.6
5 11	15 45.07	−12 37.2	1.848	2.849	3.4	19.4
5 21	15 35.30	−12 10.0	1.849	2.853	3.2	19.4
5 31	15 25.93	−11 49.0	1.877	2.855	6.6	19.6
6 10	15 17.88	−11 37.0	1.931	2.857	10.2	19.9
6 20	15 11.77	−11 35.3	2.009	2.859	13.4	20.1

65525 6052 $P–L$ 5 17.7 175°.50 1°.9/18.9 17

4 11	16 7.99	−26 34.2	2.545	3.339	12.0	20.3
4 21	16 2.09	−26 35.1	2.455	3.342	9.5	20.1
5 1	15 54.24	−26 26.9	2.389	3.345	6.5	19.9
5 11	15 45.05	−26 9.4	2.351	3.347	3.4	19.7
5 21	15 35.31	−25 43.3	2.341	3.348	2.0	19.6
5 31	15 25.89	−25 11.1	2.361	3.349	4.7	19.8
6 10	15 17.61	−24 36.3	2.409	3.348	7.8	20.0
6 20	15 11.04	−24 2.6	2.482	3.347	10.6	20.2

192940 2000 AG_{206} 5 17.7 191°.96 2°.2/16.5 18 R

4 11	16 4.12	−14 15.5	2.141	2.971	12.8	20.3
4 21	15 59.33	−13 55.2	2.059	2.971	9.8	20.1
5 1	15 52.55	−13 32.8	2.000	2.970	6.4	19.9
5 11	15 44.39	−13 10.4	1.967	2.969	3.1	19.6
5 21	15 35.65	−12 50.6	1.962	2.967	2.8	19.6
5 31	15 27.22	−12 36.1	1.985	2.965	6.1	19.8
6 10	15 19.93	−12 29.2	2.034	2.964	9.5	20.0
6 20	15 14.41	−12 31.3	2.107	2.962	12.6	20.2

334843 2003 TG_{56} 5 17.7 187°.66 1°.5/16.8 18

4 11	16 4.71	−15 38.5	2.390	3.213	11.9	21.6
4 21	15 59.59	−15 23.4	2.304	3.212	9.1	21.5
5 1	15 52.63	−15 5.6	2.242	3.211	5.9	21.3
5 11	15 44.40	−14 46.7	2.207	3.210	2.6	21.0
5 21	15 35.64	−14 28.7	2.201	3.208	2.2	21.0
5 31	15 27.16	−14 14.0	2.223	3.206	5.4	21.2
6 10	15 19.72	−14 4.8	2.273	3.203	8.7	21.4
6 20	15 13.89	−14 2.8	2.347	3.200	11.6	21.6

75361 1999 XQ_{72} 5 17.7 226°.06 0°.4/17.5 18

4 11	16 7.02	−20 11.9	1.945	2.770	14.1	20.3
4 21	16 1.94	−19 52.2	1.851	2.760	10.9	20.0
5 1	15 54.46	−19 24.8	1.780	2.749	7.1	19.8
5 11	15 45.24	−18 51.2	1.734	2.738	2.9	19.5
5 21	15 35.21	−18 13.5	1.716	2.726	1.6	19.4
5 31	15 25.46	−17 35.7	1.726	2.714	6.0	19.6
6 10	15 17.02	−17 2.0	1.762	2.701	10.1	19.8
6 20	15 10.65	−16 36.0	1.821	2.687	13.8	20.0

215103 1995 UZ_{15} 5 17.7 190°.47 1°.0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.69	−16 24.5	2.536	3.357	11.3	20.7
4 21	15 58.74	−16 22.4	2.449	3.356	8.6	20.6
5 1	15 52.05	−16 18.0	2.386	3.355	5.6	20.4
5 11	15 44.17	−16 12.2	2.351	3.354	2.3	20.1
5 21	15 35.76	−16 6.4	2.344	3.353	1.7	20.1
5 31	15 27.60	−16 2.3	2.366	3.351	4.9	20.3
6 10	15 20.41	−16 1.9	2.415	3.349	8.0	20.5
6 20	15 14.73	−16 6.6	2.489	3.347	10.8	20.7

216863 2008 BF_{44} 5 17.7 101°.70 0°.5/17.4 17

4 11	16 4.09	−18 14.6	2.313	3.136	12.2	20.9
4 21	15 59.15	−18 14.8	2.237	3.145	9.3	20.8
5 1	15 52.34	−18 11.3	2.184	3.153	6.0	20.6
5 11	15 44.28	−18 4.9	2.158	3.162	2.4	20.3
5 21	15 35.72	−17 57.0	2.160	3.170	1.4	20.3
5 31	15 27.50	−17 49.7	2.191	3.179	5.0	20.5
6 10	15 20.38	−17 45.0	2.249	3.187	8.3	20.8
6 20	15 14.94	−17 45.0	2.330	3.195	11.2	21.0

390240 2012 XK_{69} 5 17.7 163°.01 3°.6/15.5 18

4 11	16 3.23	− 8 50.8	2.413	3.239	11.6	21.2
4 21	15 58.36	− 8 24.6	2.335	3.243	9.0	21.0
5 1	15 51.77	− 7 59.9	2.282	3.245	6.2	20.8
5 11	15 44.04	− 7 39.5	2.256	3.248	4.0	20.7
5 21	15 35.84	− 7 26.0	2.257	3.250	4.1	20.7
5 31	15 27.95	− 7 21.4	2.287	3.252	6.5	20.9
6 10	15 21.06	− 7 27.0	2.343	3.254	9.3	21.0
6 20	15 15.69	− 7 43.0	2.422	3.256	11.9	21.2

507781 2014 AF_{12} 5 17.7 173°.33 4°.1/15.4 17

4 11	16 5.63	− 7 27.4	2.311	3.134	12.2	21.8
4 21	16 0.25	− 7 2.8	2.233	3.137	9.5	21.7
5 1	15 53.02	− 6 40.9	2.179	3.139	6.7	21.5
5 11	15 44.56	− 6 24.5	2.151	3.141	4.4	21.3
5 21	15 35.59	− 6 16.3	2.152	3.142	4.6	21.4
5 31	15 26.93	− 6 18.2	2.181	3.143	7.0	21.5
6 10	15 19.35	− 6 31.2	2.236	3.143	9.9	21.7
6 20	15 13.41	− 6 55.3	2.315	3.143	12.5	21.9

515717 2014 UX_{182} 5 17.7 120°.72 1°.0/16.5 18

4 11	15 55.24	−14 33.4	4.554	5.372	6.7	21.4
4 21	15 51.61	−14 22.3	4.470	5.376	5.1	21.3
5 1	15 47.12	−14 10.2	4.413	5.381	3.3	21.2
5 11	15 42.09	−13 58.3	4.384	5.386	1.5	21.1
5 21	15 36.83	−13 47.4	4.385	5.390	1.4	21.1
5 31	15 31.72	−13 38.7	4.416	5.395	3.1	21.2
6 10	15 27.07	−13 33.1	4.475	5.399	4.9	21.3
6 20	15 23.18	−13 31.4	4.559	5.404	6.5	21.5

152511 2005 YC_{1} 5 17.7 138°.18 2°.0/18.8 18

4 11	16 8.43	−25 51.2	2.119	2.924	13.8	21.7
4 21	16 2.72	−25 57.2	2.042	2.936	10.8	21.6
5 1	15 54.77	−25 53.5	1.988	2.947	7.3	21.4
5 11	15 45.30	−25 39.8	1.959	2.957	3.7	21.2
5 21	15 35.24	−25 17.0	1.959	2.967	2.2	21.1
5 31	15 25.63	−24 47.8	1.988	2.977	5.2	21.3
6 10	15 17.40	−24 16.4	2.043	2.986	8.7	21.5
6 20	15 11.20	−23 46.8	2.122	2.994	11.9	21.7

285397 1999 TR_{266} 5 17.7 239°.99 5°.4/21.8 18

4 11	16 6.38	−39 50.7	2.974	3.711	11.7	21.3
4 21	16 1.04	−40 13.5	2.866	3.696	10.0	21.2
5 1	15 53.68	−40 23.0	2.779	3.681	8.0	21.0
5 11	15 44.89	−40 16.8	2.718	3.666	6.3	20.9
5 21	15 35.41	−39 54.0	2.683	3.650	5.5	20.8
5 31	15 26.13	−39 15.8	2.676	3.634	6.1	20.8
6 10	15 17.90	−38 25.6	2.696	3.617	7.8	20.9
6 20	15 11.37	−37 27.9	2.741	3.600	9.9	21.0

293995 2007 TT_{80} 5 17.7 106°.95 0°.7/17.3 18

4 11	16 3.26	−19 4.8	2.092	2.921	13.1	21.1
4 21	15 58.73	−18 44.1	2.014	2.925	10.0	20.9
5 1	15 52.17	−18 17.7	1.959	2.930	6.5	20.7
5 11	15 44.24	−17 47.1	1.930	2.934	2.6	20.4
5 21	15 35.77	−17 15.0	1.928	2.938	1.7	20.4
5 31	15 27.67	−16 44.5	1.954	2.942	5.5	20.6
6 10	15 20.78	−16 19.0	2.007	2.946	9.1	20.9
6 20	15 15.70	−16 1.1	2.083	2.950	12.3	21.1

276929 2004 TH_{146} 5 17.7 258°.63 1°.9/16.6 17

4 11	16 3.99	−16 28.3	1.986	2.819	13.5	21.4
4 21	15 59.54	−15 54.4	1.891	2.805	10.4	21.2
5 1	15 52.87	−15 15.0	1.818	2.790	6.8	20.9
5 11	15 44.60	−14 32.7	1.772	2.775	3.1	20.7
5 21	15 35.56	−13 50.8	1.752	2.759	2.7	20.6
5 31	15 26.76	−13 13.3	1.761	2.743	6.5	20.8
6 10	15 19.16	−12 44.2	1.795	2.727	10.4	21.0
6 20	15 13.45	−12 26.0	1.851	2.711	13.9	21.2

119909 2002 EL_{28} 5 17.7 104°.61 4°.1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.33	− 9 4.8	2.384	3.217	11.5	19.6
4 21	15 56.16	− 8 9.5	2.310	3.221	8.9	19.5
5 1	15 50.35	− 7 14.5	2.261	3.225	6.2	19.3
5 11	15 43.46	− 6 23.7	2.239	3.228	4.3	19.2
5 21	15 36.17	− 5 40.6	2.244	3.232	4.6	19.2
5 31	15 29.19	− 5 8.5	2.277	3.236	6.9	19.4
6 10	15 23.20	− 4 49.4	2.335	3.240	9.6	19.5
6 20	15 18.67	− 4 43.9	2.416	3.243	12.1	19.7

304429 2006 TT_{86} 5 17.7 257°.71 0°.3/17.9 17

4 11	16 2.14	−22 46.5	2.309	3.129	12.3	20.7
4 21	15 57.83	−22 18.1	2.215	3.120	9.5	20.5
5 1	15 51.59	−21 41.0	2.144	3.111	6.2	20.3
5 11	15 44.02	−20 56.3	2.099	3.102	2.6	20.1
5 21	15 35.88	−20 6.7	2.083	3.093	1.2	19.9
5 31	15 28.00	−19 15.7	2.095	3.084	5.0	20.2
6 10	15 21.21	−18 27.4	2.133	3.075	8.5	20.4
6 20	15 16.10	−17 45.6	2.196	3.066	11.6	20.6

434133 2002 QV_{102} 5 17.7 296°.54 6°.5/13.1 16

4 11	16 0.74	− 6 24.7	1.868	2.712	13.8	21.3
4 21	15 57.13	− 5 2.2	1.777	2.691	11.0	21.1
5 1	15 51.35	− 3 39.1	1.709	2.669	8.2	20.9
5 11	15 43.99	− 2 21.9	1.667	2.648	6.5	20.7
5 21	15 35.87	− 1 16.8	1.650	2.626	7.3	20.7
5 31	15 27.96	− 0 29.6	1.658	2.605	10.0	20.8
6 10	15 21.20	− 0 3.7	1.690	2.584	13.2	21.0
6 20	15 16.28	+ 0 0.4	1.742	2.563	16.3	21.1

375030 2007 HH_{14} 5 17.7 202°.14 1°.8/16.6 17

4 11	16 4.77	−16 22.4	2.095	2.924	13.1	21.6
4 21	15 59.91	−15 52.1	2.010	2.921	10.0	21.4
5 1	15 52.97	−15 17.2	1.947	2.918	6.5	21.2
5 11	15 44.59	−14 40.1	1.911	2.914	2.9	20.9
5 21	15 35.60	−14 3.9	1.903	2.910	2.5	20.9
5 31	15 26.93	−13 31.9	1.923	2.906	6.1	21.1
6 10	15 19.45	−13 7.5	1.969	2.901	9.7	21.3
6 20	15 13.79	−12 52.9	2.039	2.895	12.9	21.5

329195 2012 DL_{40} 5 17.7 146°.58 0°.7/17.3 17

4 11	16 7.63	−19 22.2	1.869	2.696	14.5	21.9
4 21	16 2.26	−19 0.6	1.794	2.704	11.1	21.7
5 1	15 54.54	−18 32.3	1.742	2.712	7.2	21.5
5 11	15 45.23	−17 59.0	1.715	2.719	2.9	21.2
5 21	15 35.31	−17 23.4	1.716	2.726	1.8	21.2
5 31	15 25.87	−16 49.3	1.745	2.733	6.0	21.5
6 10	15 17.88	−16 20.8	1.800	2.738	10.0	21.7
6 20	15 12.02	−16 0.7	1.878	2.744	13.5	21.9

438846 2009 CJ_{30} 5 17.7 354°.60 1°.0/17.2 17

4 11	16 1.98	−17 33.8	1.763	2.606	14.5	20.9
4 21	15 58.20	−17 25.7	1.684	2.603	11.2	20.7
5 1	15 52.06	−17 13.0	1.627	2.601	7.2	20.5
5 11	15 44.28	−16 57.4	1.594	2.599	3.0	20.2
5 21	15 35.77	−16 41.4	1.588	2.598	2.0	20.1
5 31	15 27.61	−16 27.7	1.608	2.597	6.3	20.4
6 10	15 20.81	−16 19.6	1.652	2.597	10.3	20.6
6 20	15 16.07	−16 19.3	1.719	2.597	13.9	20.8

416598 2004 PR_{13} 5 17.7 325°.97 9°.5/20.5 17

4 11	16 0.90	−34 12.0	1.051	1.895	22.1	20.2
4 21	15 59.89	−35 26.3	0.965	1.870	18.7	19.8
5 1	15 54.68	−36 22.8	0.895	1.846	14.8	19.5
5 11	15 45.86	−36 53.3	0.843	1.824	11.1	19.2
5 21	15 34.85	−36 51.2	0.810	1.802	9.5	19.0
5 31	15 23.88	−36 15.6	0.797	1.782	11.6	19.1
6 10	15 15.31	−35 14.5	0.803	1.764	15.9	19.2
6 20	15 10.75	−34 0.3	0.826	1.747	20.6	19.4

304268 2006 RK_{95} 5 17.7 113°.53 1°.7/18.8 18

4 11	16 4.70	−25 50.5	2.534	3.337	11.8	21.8
4 21	15 59.53	−25 55.0	2.458	3.351	9.2	21.6
5 1	15 52.55	−25 51.3	2.406	3.364	6.3	21.4
5 11	15 44.39	−25 39.4	2.380	3.377	3.2	21.2
5 21	15 35.77	−25 20.2	2.382	3.390	1.9	21.2
5 31	15 27.51	−24 55.9	2.414	3.403	4.5	21.4
6 10	15 20.36	−24 29.6	2.473	3.415	7.5	21.6
6 20	15 14.84	−24 4.5	2.557	3.427	10.2	21.8

249324 2008 UR_{259} 5 17.7 156°.17 0°.0/17.7 18

4 11	15 58.27	−20 46.7	4.037	4.843	7.7	22.4
4 21	15 54.01	−20 32.7	3.951	4.850	5.9	22.3
5 1	15 48.73	−20 15.0	3.890	4.856	3.8	22.1
5 11	15 42.78	−19 54.3	3.858	4.862	1.6	22.0
5 21	15 36.57	−19 31.8	3.856	4.867	0.8	21.9
5 31	15 30.54	−19 9.0	3.885	4.872	3.0	22.1
6 10	15 25.11	−18 47.5	3.942	4.877	5.2	22.2
6 20	15 20.59	−18 28.8	4.025	4.882	7.1	22.4

475448 2006 RG_{55} 5 17.7 191°.76 2°.7/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.86	−27 56.2	2.510	3.306	12.2	21.9
4 21	16 0.64	−28 19.4	2.419	3.305	9.7	21.7
5 1	15 53.43	−28 34.0	2.352	3.303	6.8	21.6
5 11	15 44.82	−28 38.8	2.310	3.302	4.0	21.4
5 21	15 35.55	−28 33.9	2.297	3.300	2.8	21.3
5 31	15 26.53	−28 20.7	2.312	3.298	4.9	21.4
6 10	15 18.60	−28 2.0	2.355	3.296	7.9	21.6
6 20	15 12.37	−27 41.4	2.422	3.293	10.6	21.8

57884 2002 AU_{90} 5 17.7 97°.71 8°.5/12.5 18

4 11	16 2.95	+ 6 43.2	2.346	3.148	12.7	18.8
4 21	15 58.08	+ 7 34.9	2.291	3.159	10.8	18.7
5 1	15 51.55	+ 8 14.9	2.259	3.170	9.2	18.6
5 11	15 43.96	+ 8 38.3	2.252	3.181	8.5	18.6
5 21	15 36.02	+ 8 42.3	2.270	3.192	8.9	18.6
5 31	15 28.47	+ 8 25.5	2.312	3.203	10.2	18.7
6 10	15 21.98	+ 7 48.9	2.378	3.213	12.0	18.8
6 20	15 17.02	+ 6 55.1	2.465	3.223	13.8	19.0

338686 2003 TQ_{36} 5 17.7 186°.91 1°.9/18.8 17

4 11	16 5.27	−26 5.7	2.151	2.961	13.4	22.1
4 21	16 0.40	−26 5.9	2.064	2.961	10.5	21.9
5 1	15 53.36	−25 56.3	2.000	2.961	7.2	21.7
5 11	15 44.80	−25 36.6	1.962	2.960	3.7	21.5
5 21	15 35.58	−25 7.9	1.951	2.959	2.1	21.4
5 31	15 26.71	−24 33.2	1.968	2.958	5.2	21.6
6 10	15 19.09	−23 56.4	2.012	2.957	8.7	21.8
6 20	15 13.39	−23 21.8	2.079	2.955	11.9	22.0

237105 2008 TL_{101} 5 17.7 170°.79 0°.3/17.5 17

4 11	16 4.87	−20 2.2	2.407	3.224	12.0	22.7
4 21	15 59.73	−19 42.9	2.322	3.227	9.2	22.5
5 1	15 52.73	−19 17.7	2.262	3.230	5.9	22.3
5 11	15 44.49	−18 47.8	2.229	3.232	2.4	22.1
5 21	15 35.75	−18 15.4	2.224	3.234	1.3	22.0
5 31	15 27.33	−17 43.4	2.248	3.236	4.9	22.2
6 10	15 20.00	−17 14.7	2.300	3.237	8.2	22.4
6 20	15 14.31	−16 52.2	2.376	3.237	11.2	22.6

159634 2002 CF_{28} 5 17.7 80°.28 2°.2/18.8 18

4 11	16 9.15	−25 27.3	1.797	2.613	15.4	20.6
4 21	16 3.50	−25 40.4	1.737	2.636	12.0	20.4
5 1	15 55.35	−25 43.1	1.698	2.660	8.1	20.2
5 11	15 45.57	−25 35.1	1.685	2.683	4.1	20.0
5 21	15 35.26	−25 17.2	1.698	2.707	2.4	20.0
5 31	15 25.58	−24 52.6	1.739	2.730	5.7	20.2
6 10	15 17.58	−24 25.8	1.806	2.752	9.5	20.5
6 20	15 11.87	−24 1.1	1.896	2.774	12.8	20.8

299836 2006 SH_{196} 5 17.7 137°.79 0°.1/17.7 18

4 11	16 3.33	−20 52.6	2.493	3.310	11.6	21.7
4 21	15 58.48	−20 38.8	2.413	3.318	8.9	21.5
5 1	15 51.89	−20 19.1	2.357	3.325	5.8	21.3
5 11	15 44.14	−19 54.5	2.328	3.332	2.4	21.1
5 21	15 35.94	−19 27.0	2.328	3.338	1.2	21.0
5 31	15 28.07	−18 59.0	2.356	3.345	4.6	21.3
6 10	15 21.24	−18 33.4	2.412	3.351	7.8	21.5
6 20	15 15.97	−18 12.8	2.492	3.357	10.6	21.7

507002 2008 TA_{63} 5 17.7 255°.46 1°.6/16.7 17

4 11	16 3.90	−17 31.6	2.090	2.919	13.1	21.9
4 21	15 59.40	−16 54.3	1.991	2.903	10.1	21.7
5 1	15 52.76	−16 10.6	1.916	2.887	6.6	21.4
5 11	15 44.59	−15 22.9	1.867	2.871	2.9	21.1
5 21	15 35.69	−14 34.4	1.846	2.854	2.4	21.1
5 31	15 27.02	−13 49.4	1.853	2.837	6.2	21.3
6 10	15 19.48	−13 11.8	1.886	2.819	10.0	21.5
6 20	15 13.76	−12 44.8	1.943	2.801	13.4	21.7

356538 2011 SZ_{147} 5 17.7 129°.54 1°.2/18.6 17

4 11	16 3.82	−24 26.8	2.882	3.683	10.6	22.6
4 21	15 58.63	−24 25.5	2.804	3.697	8.2	22.4
5 1	15 51.89	−24 17.5	2.750	3.710	5.5	22.3
5 11	15 44.12	−24 3.0	2.723	3.723	2.6	22.1
5 21	15 35.97	−23 43.1	2.726	3.735	1.4	22.0
5 31	15 28.13	−23 19.7	2.758	3.747	4.0	22.2
6 10	15 21.24	−22 55.6	2.818	3.759	6.8	22.4
6 20	15 15.76	−22 33.1	2.904	3.770	9.2	22.6

325825 2010 RH_{174} 5 17.7 174°.77 1°.3/18.4 17

4 11	16 8.00	−24 30.2	1.895	2.711	14.7	21.8
4 21	16 2.72	−24 22.1	1.812	2.714	11.5	21.6
5 1	15 54.96	−24 3.7	1.751	2.715	7.7	21.3
5 11	15 45.49	−23 35.0	1.716	2.717	3.6	21.1
5 21	15 35.29	−22 58.0	1.707	2.717	1.8	21.0
5 31	15 25.51	−22 16.3	1.727	2.718	5.7	21.2
6 10	15 17.21	−21 34.8	1.773	2.717	9.7	21.5
6 20	15 11.11	−20 58.1	1.842	2.717	13.3	21.7

47969 2000 TG_{64} 5 17.7 205°.53 3°.1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.54	− 2 36.7	4.745	5.558	6.5	19.5
4 21	15 51.06	− 2 14.3	4.665	5.557	5.2	19.4
5 1	15 46.78	− 1 55.0	4.610	5.555	4.0	19.3
5 11	15 42.00	− 1 40.3	4.583	5.554	3.2	19.2
5 21	15 37.02	− 1 31.4	4.585	5.552	3.4	19.3
5 31	15 32.15	− 1 29.4	4.616	5.550	4.4	19.3
6 10	15 27.72	− 1 34.8	4.673	5.549	5.8	19.4
6 20	15 23.97	− 1 47.5	4.755	5.547	7.1	19.5

102361 1999 TE_{136} 5 17.7 337°.47 0°.9/18.1 16

4 11	16 3.86	−22 42.1	1.101	1.963	20.0	19.8
4 21	16 1.12	−22 36.4	1.029	1.956	15.7	19.5
5 1	15 54.73	−22 17.5	0.974	1.950	10.4	19.2
5 11	15 45.61	−21 46.0	0.941	1.945	4.5	18.8
5 21	15 35.20	−21 4.8	0.929	1.940	2.1	18.6
5 31	15 25.32	−20 19.9	0.940	1.936	8.1	19.0
6 10	15 17.63	−19 39.2	0.973	1.933	13.9	19.3
6 20	15 13.19	−19 8.8	1.024	1.930	18.8	19.5

249656 1999 UU_{11} 5 17.7 261°.37 0°.7/17.2 18

4 11	16 1.44	−19 6.6	2.553	3.375	11.2	21.0
4 21	15 57.14	−18 42.1	2.454	3.362	8.6	20.8
5 1	15 51.11	−18 12.1	2.378	3.348	5.6	20.6
5 11	15 43.87	−17 38.0	2.330	3.334	2.3	20.3
5 21	15 36.08	−17 2.2	2.310	3.320	1.5	20.2
5 31	15 28.49	−16 27.3	2.319	3.306	4.9	20.4
6 10	15 21.81	−15 56.6	2.355	3.291	8.1	20.6
6 20	15 16.60	−15 32.5	2.416	3.277	11.0	20.8

116277 2003 YS_{45} 5 17.7 204°.87 1°.0/17.1 18

4 11	16 3.60	−18 21.0	2.267	3.092	12.3	20.5
4 21	15 58.91	−17 53.9	2.179	3.089	9.5	20.3
5 1	15 52.29	−17 21.3	2.115	3.086	6.1	20.1
5 11	15 44.36	−16 45.1	2.078	3.082	2.5	19.8
5 21	15 35.86	−16 7.9	2.069	3.078	1.8	19.7
5 31	15 27.66	−15 32.8	2.088	3.074	5.4	20.0
6 10	15 20.55	−15 3.3	2.134	3.069	8.9	20.2
6 20	15 15.13	−14 41.8	2.204	3.064	12.0	20.4

62190 Augusthorch 5 17.7 319°.04 2°.2/18.4 17

4 11	16 3.53	−22 48.2	1.381	2.229	17.5	18.3
4 21	16 0.69	−23 21.2	1.278	2.196	14.0	17.9
5 1	15 54.55	−23 47.9	1.193	2.165	9.6	17.6
5 11	15 45.66	−24 6.5	1.131	2.133	4.7	17.2
5 21	15 35.08	−24 15.8	1.093	2.103	2.7	17.0
5 31	15 24.37	−24 17.0	1.079	2.073	7.6	17.2
6 10	15 15.21	−24 13.8	1.087	2.044	13.1	17.4
6 20	15 8.91	−24 11.3	1.115	2.016	18.0	17.6

443671 2015 HL_{94} 5 17.7 305°.67 3°.6/15.6 17

4 11	16 1.83	−11 52.2	1.957	2.797	13.4	20.8
4 21	15 57.80	−11 10.4	1.875	2.792	10.3	20.6
5 1	15 51.69	−10 26.9	1.816	2.786	7.0	20.3
5 11	15 44.14	− 9 45.6	1.783	2.780	4.1	20.1
5 21	15 35.97	− 9 10.2	1.776	2.775	4.2	20.1
5 31	15 28.10	− 8 44.4	1.796	2.770	7.3	20.3
6 10	15 21.42	− 8 31.0	1.841	2.765	10.7	20.5
6 20	15 16.56	− 8 31.0	1.909	2.760	13.9	20.7

146197 2000 TT_{61} 5 17.7 182°.07 4°.4/14.8 18

4 11	16 1.99	− 6 15.3	2.527	3.353	11.2	20.3
4 21	15 57.38	− 5 41.1	2.449	3.353	8.8	20.2
5 1	15 51.16	− 5 9.7	2.395	3.353	6.3	20.0
5 11	15 43.86	− 4 44.4	2.368	3.353	4.5	19.9
5 21	15 36.12	− 4 27.7	2.369	3.353	4.8	19.9
5 31	15 28.66	− 4 21.8	2.397	3.352	6.9	20.0
6 10	15 22.12	− 4 27.8	2.452	3.351	9.4	20.2
6 20	15 16.99	− 4 45.6	2.529	3.350	11.8	20.4

288041 2003 UH_{263} 5 17.7 276°.83 4°.1/16.0 17

4 11	16 6.37	−11 6.8	1.545	2.391	16.1	20.6
4 21	16 2.04	−10 41.6	1.455	2.374	12.6	20.3
5 1	15 54.88	−10 16.1	1.387	2.357	8.6	20.1
5 11	15 45.60	− 9 54.2	1.342	2.340	4.9	19.8
5 21	15 35.22	− 9 39.7	1.322	2.323	4.9	19.8
5 31	15 25.05	− 9 36.5	1.328	2.306	8.8	19.9
6 10	15 16.36	− 9 47.1	1.358	2.289	13.2	20.1
6 20	15 10.09	−10 12.3	1.408	2.271	17.2	20.3

485422 2011 QH_{3} 5 17.7 98°.15 1°.1/19.1 18

4 11	15 55.73	−26 46.2	4.433	5.226	7.3	20.7
4 21	15 52.09	−26 29.7	4.342	5.229	5.7	20.5
5 1	15 47.50	−26 7.5	4.276	5.232	3.9	20.4
5 11	15 42.31	−25 40.2	4.239	5.235	2.0	20.3
5 21	15 36.89	−25 8.7	4.230	5.238	1.2	20.2
5 31	15 31.64	−24 34.7	4.252	5.241	2.7	20.3
6 10	15 26.93	−23 59.9	4.303	5.244	4.6	20.5
6 20	15 23.06	−23 26.1	4.380	5.247	6.3	20.6

283095 2008 UK_{100} 5 17.7 156°.67 1°.1/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.96	−18 24.3	2.200	3.026	12.6	21.2
4 21	15 59.16	−17 52.5	2.120	3.030	9.7	21.0
5 1	15 52.43	−17 15.1	2.064	3.034	6.2	20.8
5 11	15 44.40	−16 34.0	2.034	3.038	2.6	20.5
5 21	15 35.87	−15 52.2	2.032	3.041	1.9	20.5
5 31	15 27.70	−15 13.2	2.059	3.044	5.5	20.7
6 10	15 20.69	−14 40.5	2.112	3.047	9.0	20.9
6 20	15 15.41	−14 16.6	2.190	3.049	12.0	21.1

23289 Naruhirata 5 17.7 247°.80 1°.9/18.5 18

4 11	16 9.01	−24 3.1	1.767	2.586	15.5	19.0
4 21	16 3.97	−24 18.3	1.670	2.573	12.2	18.8
5 1	15 56.11	−24 24.7	1.594	2.558	8.3	18.5
5 11	15 46.10	−24 21.3	1.543	2.543	4.0	18.2
5 21	15 34.97	−24 8.3	1.519	2.528	2.2	18.1
5 31	15 24.04	−23 47.9	1.521	2.512	6.3	18.3
6 10	15 14.57	−23 24.5	1.550	2.496	10.7	18.5
6 20	15 7.51	−23 2.9	1.600	2.479	14.7	18.7

219619 2001 TY_{123} 5 17.7 207°.50 3°.0/15.4 18

4 11	16 4.95	−14 44.7	2.238	3.064	12.4	20.9
4 21	15 59.90	−13 33.3	2.148	3.058	9.5	20.7
5 1	15 52.91	−12 16.3	2.083	3.051	6.3	20.5
5 11	15 44.61	−10 57.4	2.045	3.044	3.5	20.3
5 21	15 35.76	− 9 41.6	2.037	3.036	3.7	20.3
5 31	15 27.23	− 8 33.9	2.057	3.028	6.8	20.5
6 10	15 19.82	− 7 38.4	2.105	3.018	10.1	20.7
6 20	15 14.10	− 6 57.7	2.175	3.008	13.1	20.8

321876 2010 SG_{7} 5 17.7 109°.72 0°.9/17.3 18

4 11	16 8.09	−19 9.8	1.726	2.557	15.3	21.5
4 21	16 2.70	−18 44.4	1.661	2.573	11.7	21.3
5 1	15 54.86	−18 12.0	1.618	2.589	7.5	21.1
5 11	15 45.41	−17 34.9	1.601	2.605	3.1	20.8
5 21	15 35.41	−16 56.2	1.610	2.620	2.0	20.8
5 31	15 26.02	−16 20.2	1.647	2.635	6.3	21.1
6 10	15 18.23	−15 50.9	1.710	2.649	10.4	21.3
6 20	15 12.69	−15 31.2	1.794	2.663	13.9	21.6

347663 2001 TK_{205} 5 17.7 158°.54 3°.8/14.6 18

4 11	16 1.80	− 6 22.5	3.068	3.885	9.6	22.4
4 21	15 56.90	− 5 41.3	2.994	3.893	7.5	22.3
5 1	15 50.69	− 5 2.2	2.945	3.901	5.4	22.1
5 11	15 43.64	− 4 28.0	2.925	3.908	3.9	22.1
5 21	15 36.27	− 4 1.0	2.933	3.914	4.2	22.1
5 31	15 29.15	− 3 43.4	2.970	3.919	6.0	22.2
6 10	15 22.83	− 3 36.2	3.034	3.925	8.1	22.3
6 20	15 17.69	− 3 39.8	3.122	3.929	10.1	22.5

311932 2007 CD_{19} 5 17.7 186°.41 3°.9/21.0 18

4 11	16 5.02	−35 49.3	3.206	3.960	10.6	22.2
4 21	15 59.67	−36 0.4	3.110	3.959	8.8	22.0
5 1	15 52.64	−36 0.1	3.036	3.958	6.7	21.9
5 11	15 44.48	−35 47.3	2.989	3.957	4.8	21.8
5 21	15 35.84	−35 22.2	2.971	3.955	3.9	21.7
5 31	15 27.45	−34 46.1	2.981	3.952	4.8	21.8
6 10	15 20.01	−34 2.2	3.019	3.950	6.7	21.9
6 20	15 14.03	−33 14.4	3.083	3.946	8.8	22.0

166132 2002 CD_{253} 5 17.7 252°.49 1°.4/18.4 17

4 11	16 8.37	−24 35.3	1.717	2.539	15.8	20.6
4 21	16 3.56	−24 24.5	1.616	2.521	12.5	20.3
5 1	15 55.88	−24 1.8	1.536	2.502	8.4	20.0
5 11	15 46.02	−23 26.9	1.481	2.483	3.9	19.7
5 21	15 35.03	−22 41.3	1.452	2.463	1.9	19.5
5 31	15 24.25	−21 49.2	1.451	2.442	6.5	19.7
6 10	15 14.99	−20 56.7	1.474	2.421	11.2	20.0
6 20	15 8.16	−20 9.9	1.520	2.399	15.4	20.2

67169 2000 AV_{241} 5 17.7 61°.64 1°.5/16.5 18

4 11	16 0.12	−17 27.0	2.456	3.285	11.4	18.6
4 21	15 56.03	−16 40.6	2.377	3.289	8.7	18.5
5 1	15 50.31	−15 49.2	2.323	3.294	5.6	18.3
5 11	15 43.52	−14 55.4	2.295	3.298	2.5	18.1
5 21	15 36.33	−14 2.3	2.296	3.303	2.2	18.1
5 31	15 29.46	−13 13.7	2.326	3.308	5.2	18.3
6 10	15 23.58	−12 32.6	2.382	3.312	8.3	18.5
6 20	15 19.16	−12 1.3	2.463	3.317	11.0	18.6

42978 1999 TL_{219} 5 17.7 168°.14 0°.7/17.2 18

4 11	16 3.87	−20 15.1	2.066	2.892	13.3	19.6
4 21	15 59.25	−19 35.0	1.984	2.894	10.2	19.4
5 1	15 52.57	−18 46.9	1.925	2.896	6.6	19.1
5 11	15 44.49	−17 53.1	1.893	2.897	2.7	18.9
5 21	15 35.85	−16 57.0	1.889	2.898	1.7	18.8
5 31	15 27.61	−16 2.9	1.912	2.899	5.7	19.1
6 10	15 20.62	−15 15.4	1.962	2.900	9.4	19.3
6 20	15 15.47	−14 37.7	2.036	2.900	12.6	19.5

313096 2000 VL_{10} 5 17.7 218°.37 0°.2/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.72	−19 32.6	1.983	2.802	14.1	21.7
4 21	16 4.05	−19 30.9	1.887	2.793	10.9	21.5
5 1	15 55.91	−19 23.5	1.814	2.782	7.2	21.2
5 11	15 45.95	−19 11.0	1.767	2.771	2.9	21.0
5 21	15 35.10	−18 54.7	1.748	2.759	1.5	20.8
5 31	15 24.49	−18 37.2	1.758	2.746	5.9	21.1
6 10	15 15.18	−18 21.9	1.794	2.732	10.0	21.3
6 20	15 7.97	−18 12.0	1.854	2.718	13.7	21.5

180163 2003 HZ_{2} 5 17.7 143°.57 2°.7/19.4 18

4 11	16 5.72	−28 38.7	2.690	3.480	11.6	21.1
4 21	16 0.36	−28 58.8	2.606	3.487	9.2	20.9
5 1	15 53.17	−29 10.2	2.546	3.495	6.5	20.7
5 11	15 44.72	−29 11.9	2.512	3.502	3.9	20.6
5 21	15 35.75	−29 4.1	2.506	3.508	2.8	20.5
5 31	15 27.06	−28 48.2	2.530	3.515	4.6	20.6
6 10	15 19.43	−28 27.3	2.581	3.521	7.3	20.8
6 20	15 13.40	−28 4.5	2.658	3.527	9.9	21.0

494297 2016 RJ_{35} 5 17.7 248°.27 1°.5/16.7 18

4 11	16 3.06	−15 57.9	2.591	3.413	11.1	23.2
4 21	15 58.36	−15 35.4	2.488	3.396	8.5	23.0
5 1	15 51.92	−15 9.6	2.410	3.379	5.5	22.8
5 11	15 44.25	−14 42.1	2.359	3.361	2.5	22.6
5 21	15 35.98	−14 15.0	2.336	3.343	2.1	22.5
5 31	15 27.86	−13 50.9	2.343	3.325	5.2	22.7
6 10	15 20.63	−13 32.4	2.377	3.306	8.4	22.9
6 20	15 14.85	−13 21.4	2.435	3.286	11.3	23.0

349260 2007 TS_{175} 5 17.7 189°.72 0°.8/17.2 17

4 11	16 3.17	−18 58.4	2.472	3.292	11.6	21.7
4 21	15 58.42	−18 29.0	2.384	3.291	8.9	21.5
5 1	15 51.91	−17 54.0	2.321	3.290	5.7	21.3
5 11	15 44.21	−17 15.1	2.285	3.288	2.3	21.0
5 21	15 36.03	−16 34.9	2.277	3.286	1.6	21.0
5 31	15 28.13	−15 56.3	2.298	3.284	5.0	21.2
6 10	15 21.25	−15 22.7	2.347	3.281	8.2	21.4
6 20	15 15.91	−14 56.5	2.420	3.278	11.1	21.6

377727 2005 WR_{180} 5 17.7 91°.32 6°.3/17.6 17

4 11	16 23.58	− 2 12.2	1.072	1.907	22.4	20.4
4 21	16 16.02	− 3 8.1	1.011	1.919	17.8	20.2
5 1	16 4.28	− 4 23.7	0.969	1.931	12.6	19.9
5 11	15 49.49	− 6 0.8	0.950	1.943	7.7	19.7
5 21	15 33.45	− 7 56.0	0.956	1.955	6.7	19.7
5 31	15 18.29	−10 3.0	0.987	1.967	10.8	19.9
6 10	15 5.89	−12 14.8	1.043	1.978	15.9	20.2
6 20	14 57.30	−14 26.0	1.120	1.989	20.3	20.5

442078 2010 RB_{178} 5 17.7 301°.04 1°.8/18.5 16

4 11	16 4.87	−23 37.8	2.141	2.958	13.3	21.4
4 21	16 0.44	−24 2.2	2.030	2.931	10.5	21.1
5 1	15 53.67	−24 20.6	1.941	2.904	7.1	20.9
5 11	15 45.11	−24 32.1	1.878	2.877	3.5	20.6
5 21	15 35.53	−24 36.2	1.842	2.851	2.1	20.4
5 31	15 25.98	−24 34.2	1.834	2.824	5.5	20.6
6 10	15 17.48	−24 28.7	1.852	2.797	9.3	20.8
6 20	15 10.87	−24 23.1	1.894	2.771	12.9	21.0

266958 2010 US_{96} 5 17.7 155°.43 7°.5/18.5 18

4 11	16 24.49	−27 44.1	1.257	2.067	21.1	20.5
4 21	16 17.61	−29 58.4	1.182	2.072	17.2	20.3
5 1	16 6.04	−32 8.2	1.127	2.076	12.8	20.0
5 11	15 50.54	−34 2.1	1.096	2.079	8.8	19.8
5 21	15 32.81	−35 29.5	1.090	2.082	7.6	19.7
5 31	15 15.29	−36 25.4	1.110	2.085	10.6	19.9
6 10	15 0.40	−36 53.6	1.154	2.087	14.8	20.1
6 20	14 49.71	−37 3.6	1.218	2.089	18.9	20.4

129680 1998 RF_{58} 5 17.7 278°.62 2°.1/16.5 18

4 11	16 2.84	−15 57.8	1.940	2.777	13.6	20.0
4 21	15 58.68	−15 24.0	1.854	2.770	10.5	19.8
5 1	15 52.34	−14 45.6	1.790	2.762	6.8	19.6
5 11	15 44.47	−14 5.1	1.752	2.755	3.2	19.3
5 21	15 35.92	−13 26.2	1.741	2.748	2.8	19.3
5 31	15 27.68	−12 52.6	1.758	2.740	6.5	19.5
6 10	15 20.66	−12 28.0	1.799	2.733	10.3	19.7
6 20	15 15.53	−12 14.5	1.863	2.726	13.7	19.9

153594 2001 SH_{271} 5 17.7 204°.27 0°.2/17.6 18

4 11	16 6.50	−20 25.2	2.236	3.053	12.8	21.8
4 21	16 1.23	−20 7.8	2.144	3.048	9.8	21.6
5 1	15 53.89	−19 43.6	2.075	3.042	6.4	21.4
5 11	15 45.08	−19 13.9	2.033	3.036	2.6	21.1
5 21	15 35.63	−18 40.7	2.019	3.029	1.4	21.0
5 31	15 26.47	−18 7.0	2.034	3.022	5.3	21.3
6 10	15 18.46	−17 36.4	2.076	3.014	8.9	21.5
6 20	15 12.25	−17 12.1	2.143	3.005	12.2	21.7

6449 Kudara 5 17.7 137°.01 1°.2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.21	−24 7.7	1.735	2.556	15.7	18.2
4 21	16 3.77	−23 57.4	1.662	2.566	12.2	18.0
5 1	15 55.70	−23 36.3	1.610	2.575	8.1	17.8
5 11	15 45.84	−23 4.9	1.583	2.584	3.7	17.5
5 21	15 35.29	−22 25.2	1.583	2.593	1.7	17.4
5 31	15 25.31	−21 41.6	1.610	2.601	6.0	17.7
6 10	15 16.98	−20 59.4	1.663	2.609	10.2	17.9
6 20	15 11.02	−20 23.2	1.739	2.616	13.9	18.2

5241 Beeson 5 17.7 139°.82 0°.3/17.9 18 R

4 11	16 3.56	−21 10.5	2.753	3.564	10.8	18.0
4 21	15 58.52	−21 4.3	2.673	3.573	8.3	17.9
5 1	15 51.88	−20 52.7	2.617	3.583	5.4	17.7
5 11	15 44.19	−20 36.6	2.589	3.592	2.3	17.5
5 21	15 36.09	−20 17.2	2.589	3.600	1.0	17.4
5 31	15 28.28	−19 56.7	2.619	3.608	4.2	17.7
6 10	15 21.43	−19 37.5	2.677	3.616	7.1	17.9
6 20	15 16.00	−19 21.8	2.761	3.623	9.7	18.0

429089 2009 RN_{45} 5 17.7 184°.77 1°.0/18.3 17

4 11	16 7.10	−23 41.1	2.232	3.042	13.0	22.4
4 21	16 1.71	−23 35.3	2.144	3.042	10.1	22.2
5 1	15 54.20	−23 21.1	2.078	3.042	6.7	22.0
5 11	15 45.21	−22 58.8	2.040	3.041	3.1	21.8
5 21	15 35.59	−22 30.0	2.029	3.039	1.5	21.6
5 31	15 26.30	−21 57.3	2.048	3.037	5.1	21.9
6 10	15 18.22	−21 24.5	2.093	3.035	8.6	22.1
6 20	15 12.01	−20 55.4	2.163	3.031	11.8	22.3

47326 1999 XP_{25} 5 17.7 8°.50 2°.1/17.0 18

4 11	16 6.97	−14 30.1	1.430	2.278	17.0	18.2
4 21	16 2.55	−14 33.3	1.357	2.279	13.1	17.9
5 1	15 55.20	−14 35.4	1.305	2.279	8.6	17.7
5 11	15 45.73	−14 38.3	1.276	2.280	3.8	17.4
5 21	15 35.32	−14 43.8	1.273	2.281	3.0	17.3
5 31	15 25.37	−14 54.2	1.294	2.282	7.6	17.6
6 10	15 17.15	−15 11.7	1.340	2.284	12.2	17.9
6 20	15 11.52	−15 37.6	1.406	2.286	16.3	18.1

253758 2003 WD_{103} 5 17.7 245°.44 1°.4/17.1 18

4 11	16 7.90	−16 31.8	1.743	2.576	15.1	21.1
4 21	16 2.96	−16 24.8	1.651	2.564	11.7	20.8
5 1	15 55.37	−16 14.0	1.581	2.552	7.7	20.6
5 11	15 45.82	−16 0.9	1.536	2.539	3.3	20.3
5 21	15 35.28	−15 47.6	1.517	2.526	2.4	20.2
5 31	15 24.97	−15 37.0	1.526	2.513	6.8	20.4
6 10	15 16.07	−15 32.3	1.560	2.499	11.2	20.6
6 20	15 9.43	−15 36.0	1.616	2.484	15.1	20.9

150805 2001 RP_{88} 5 17.7 288°.22 1°.7/16.9 17

4 11	16 5.16	−16 57.2	1.676	2.516	15.3	20.9
4 21	16 1.11	−16 38.1	1.573	2.490	11.9	20.6
5 1	15 54.34	−16 13.4	1.491	2.464	7.8	20.3
5 11	15 45.46	−15 45.0	1.434	2.438	3.4	19.9
5 21	15 35.42	−15 15.8	1.403	2.412	2.6	19.8
5 31	15 25.48	−14 49.8	1.398	2.385	7.3	20.0
6 10	15 16.87	−14 31.3	1.418	2.359	12.0	20.2
6 20	15 10.53	−14 23.6	1.459	2.332	16.2	20.4

106803 2000 XX_{33} 5 17.7 216°.38 2°.1/18.6 18

4 11	16 9.69	−24 28.5	1.771	2.588	15.6	19.6
4 21	16 4.42	−24 46.4	1.682	2.583	12.2	19.3
5 1	15 56.35	−24 55.4	1.614	2.577	8.3	19.1
5 11	15 46.23	−24 54.2	1.571	2.570	4.1	18.8
5 21	15 35.10	−24 43.0	1.555	2.564	2.4	18.7
5 31	15 24.27	−24 24.0	1.566	2.556	6.2	18.9
6 10	15 14.98	−24 1.7	1.602	2.548	10.5	19.1
6 20	15 8.11	−23 40.8	1.662	2.540	14.3	19.3

331339 2012 BG_{75} 5 17.7 134°.33 4°.2/19.8 17

4 11	16 9.15	−30 33.3	1.619	2.429	17.1	21.1
4 21	16 4.19	−30 45.5	1.543	2.434	13.8	20.9
5 1	15 56.23	−30 41.8	1.486	2.439	9.9	20.6
5 11	15 46.15	−30 20.3	1.453	2.444	6.0	20.4
5 21	15 35.19	−29 41.6	1.445	2.448	4.2	20.3
5 31	15 24.79	−28 49.5	1.464	2.452	6.8	20.5
6 10	15 16.24	−27 51.0	1.507	2.456	10.8	20.7
6 20	15 10.37	−26 53.5	1.573	2.460	14.5	21.0

258905 2002 QT_{108} 5 17.7 189°.67 0°.4/17.9 17

4 11	16 7.99	−21 51.0	2.041	2.858	13.8	22.4
4 21	16 2.57	−21 40.2	1.954	2.857	10.7	22.2
5 1	15 54.85	−21 21.5	1.889	2.856	7.0	22.0
5 11	15 45.52	−20 55.7	1.851	2.854	3.0	21.7
5 21	15 35.49	−20 24.5	1.840	2.851	1.4	21.6
5 31	15 25.80	−19 51.2	1.858	2.847	5.5	21.9
6 10	15 17.43	−19 19.7	1.903	2.843	9.4	22.1
6 20	15 11.08	−18 53.8	1.971	2.839	12.8	22.3

474963 2005 TZ_{50} 5 17.7 208°.71 0°.6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.66	−19 24.9	2.980	3.794	10.0	22.0
4 21	15 57.02	−18 52.6	2.884	3.788	7.6	21.8
5 1	15 50.92	−18 14.9	2.813	3.781	4.9	21.7
5 11	15 43.83	−17 33.6	2.771	3.774	2.0	21.4
5 21	15 36.32	−16 50.6	2.758	3.767	1.3	21.4
5 31	15 29.03	−16 8.7	2.774	3.759	4.3	21.6
6 10	15 22.56	−15 30.8	2.819	3.751	7.1	21.7
6 20	15 17.36	−14 59.1	2.889	3.742	9.6	21.9

235287 2003 UL_{41} 5 17.7 59°.07 1°.4/18.4 17

4 11	16 5.24	−23 37.3	1.897	2.721	14.5	21.1
4 21	16 0.65	−23 42.5	1.817	2.723	11.3	20.9
5 1	15 53.68	−23 39.1	1.759	2.725	7.5	20.6
5 11	15 45.06	−23 27.1	1.726	2.728	3.5	20.4
5 21	15 35.72	−23 7.8	1.720	2.730	1.8	20.3
5 31	15 26.76	−22 43.9	1.741	2.733	5.6	20.5
6 10	15 19.20	−22 19.4	1.788	2.735	9.5	20.8
6 20	15 13.73	−21 58.2	1.858	2.738	12.9	21.0

307266 2002 NR_{49} 5 17.7 270°.73 3°.1/19.2 18

4 11	16 8.38	−27 46.2	1.784	2.596	15.7	21.4
4 21	16 3.71	−27 57.9	1.676	2.572	12.6	21.1
5 1	15 56.12	−27 57.4	1.589	2.547	8.9	20.8
5 11	15 46.24	−27 42.9	1.526	2.521	5.0	20.5
5 21	15 35.09	−27 14.0	1.489	2.495	3.2	20.4
5 31	15 24.03	−26 33.1	1.479	2.469	6.6	20.5
6 10	15 14.39	−25 45.7	1.494	2.442	11.0	20.7
6 20	15 7.21	−24 58.5	1.532	2.415	15.1	20.9

46709 1997 GU_{6} 5 17.7 313°.30 3°.7/18.9 18

4 11	16 7.38	−26 9.8	1.478	2.308	17.5	18.4
4 21	16 3.34	−26 54.5	1.391	2.297	14.0	18.1
5 1	15 56.05	−27 30.0	1.324	2.287	9.8	17.8
5 11	15 46.25	−27 53.2	1.280	2.276	5.6	17.6
5 21	15 35.12	−28 2.4	1.261	2.267	3.9	17.4
5 31	15 24.23	−27 58.6	1.267	2.257	7.4	17.6
6 10	15 15.09	−27 46.3	1.296	2.248	11.9	17.8
6 20	15 8.78	−27 31.3	1.346	2.239	16.1	18.1

133224 2003 QP_{88} 5 17.7 223°.13 2°.3/16.0 18

4 11	16 3.64	−14 28.7	2.607	3.429	11.0	20.7
4 21	15 58.74	−13 45.6	2.510	3.417	8.5	20.5
5 1	15 52.15	−12 58.8	2.437	3.405	5.6	20.3
5 11	15 44.38	−12 11.1	2.392	3.392	2.9	20.1
5 21	15 36.09	−11 25.4	2.376	3.379	2.8	20.1
5 31	15 28.01	−10 44.9	2.390	3.365	5.6	20.3
6 10	15 20.83	−10 12.5	2.431	3.350	8.7	20.4
6 20	15 15.10	− 9 50.3	2.496	3.335	11.4	20.6

305433 2008 CM_{163} 5 17.7 65°.51 0°.7/18.1 17

4 11	16 4.23	−21 56.3	2.138	2.959	13.1	20.7
4 21	15 59.46	−21 57.6	2.069	2.975	10.1	20.5
5 1	15 52.69	−21 52.2	2.023	2.990	6.6	20.3
5 11	15 44.60	−21 40.7	2.003	3.005	2.9	20.1
5 21	15 36.01	−21 24.5	2.010	3.021	1.3	20.0
5 31	15 27.85	−21 6.2	2.046	3.036	5.0	20.3
6 10	15 20.94	−20 48.7	2.107	3.052	8.4	20.5
6 20	15 15.84	−20 35.0	2.193	3.067	11.5	20.7

412233 2013 HY_{12} 5 17.7 31°.10 19°.9/ 5.7 17

4 11	16 0.41	+15 46.7	1.079	1.910	22.4	19.4
4 21	15 57.72	+18 45.6	1.062	1.924	20.8	19.4
5 1	15 51.99	+21 9.1	1.061	1.938	20.0	19.4
5 11	15 44.35	+22 43.9	1.078	1.953	20.0	19.4
5 21	15 36.17	+23 23.4	1.110	1.970	20.8	19.5
5 31	15 28.87	+23 7.6	1.157	1.987	22.1	19.7
6 10	15 23.58	+22 3.6	1.218	2.006	23.6	19.9
6 20	15 20.92	+20 21.5	1.290	2.025	25.1	20.0

475142 2005 UD_{349} 5 17.7 221°.88 4°.7/21.6 18

4 11	16 6.10	−38 33.0	3.168	3.908	11.0	21.9
4 21	16 0.68	−38 48.2	3.062	3.897	9.3	21.7
5 1	15 53.44	−38 51.0	2.978	3.886	7.3	21.6
5 11	15 44.93	−38 39.5	2.919	3.874	5.6	21.4
5 21	15 35.83	−38 13.3	2.888	3.862	4.7	21.3
5 31	15 26.94	−37 33.9	2.886	3.849	5.4	21.4
6 10	15 19.03	−36 44.3	2.911	3.836	7.2	21.5
6 20	15 12.67	−35 48.8	2.962	3.822	9.2	21.6

156955 2003 HO_{13} 5 17.7 336°.25 1°.2/17.3 17

4 11	16 3.48	−17 2.0	1.480	2.331	16.4	19.8
4 21	15 59.93	−17 0.3	1.399	2.322	12.7	19.5
5 1	15 53.57	−16 54.5	1.339	2.314	8.3	19.2
5 11	15 45.13	−16 46.2	1.302	2.306	3.5	18.9
5 21	15 35.71	−16 37.6	1.290	2.300	2.3	18.8
5 31	15 26.62	−16 31.8	1.303	2.293	7.2	19.1
6 10	15 19.11	−16 32.2	1.339	2.288	11.9	19.4
6 20	15 14.05	−16 41.0	1.396	2.283	16.0	19.6

253722 2003 WA_6 5 17.7 210°.59 0°.4/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.40	−20 43.6	1.900	2.720	14.5	21.0
4 21	16 3.93	−20 50.5	1.810	2.715	11.3	20.8
5 1	15 55.91	−20 51.3	1.741	2.709	7.5	20.5
5 11	15 46.04	−20 45.9	1.699	2.702	3.2	20.2
5 21	15 35.29	−20 35.4	1.684	2.695	1.5	20.1
5 31	15 24.81	−20 22.1	1.697	2.687	5.9	20.4
6 10	15 15.72	−20 9.4	1.737	2.679	10.1	20.6
6 20	15 8.81	−20 0.7	1.799	2.670	13.7	20.8

126471 2002 CA_{42} 5 17.7 127°.24 4°.2/14.9 17

4 11	16 5.07	− 9 58.4	2.206	3.034	12.5	20.7
4 21	15 59.83	− 8 54.8	2.142	3.050	9.7	20.5
5 1	15 52.79	− 7 50.9	2.102	3.065	6.7	20.3
5 11	15 44.60	− 6 51.2	2.089	3.080	4.4	20.2
5 21	15 36.04	− 5 59.7	2.105	3.094	4.8	20.3
5 31	15 27.93	− 5 20.1	2.148	3.108	7.2	20.5
6 10	15 21.00	− 4 54.6	2.218	3.121	10.1	20.7
6 20	15 15.74	− 4 43.9	2.310	3.134	12.7	20.8

388759 2007 XD_{21} 5 17.7 100°.88 0°.6/18.1 17

4 11	16 6.06	−21 26.9	2.407	3.219	12.1	22.0
4 21	16 0.61	−21 32.5	2.338	3.238	9.3	21.8
5 1	15 53.32	−21 32.4	2.292	3.257	6.1	21.6
5 11	15 44.84	−21 27.1	2.273	3.276	2.6	21.4
5 21	15 35.92	−21 17.5	2.283	3.294	1.2	21.4
5 31	15 27.40	−21 5.7	2.322	3.311	4.6	21.6
6 10	15 20.03	−20 54.2	2.388	3.329	7.8	21.9
6 20	15 14.34	−20 45.4	2.479	3.346	10.6	22.1

106276 2000 UB_{70} 5 17.8 202°.42 1°.6/18.9 18

4 11	16 3.70	−26 6.5	2.820	3.618	10.9	20.8
4 21	15 58.78	−26 6.6	2.725	3.614	8.5	20.7
5 1	15 52.18	−25 59.0	2.653	3.610	5.8	20.5
5 11	15 44.41	−25 43.5	2.609	3.606	3.0	20.3
5 21	15 36.14	−25 20.9	2.593	3.601	1.8	20.2
5 31	15 28.08	−24 53.4	2.607	3.596	4.2	20.3
6 10	15 20.95	−24 23.6	2.649	3.590	7.1	20.5
6 20	15 15.27	−23 54.8	2.716	3.584	9.7	20.7

274379 2008 RX_{95} 5 17.8 275°.38 6°.9/13.2 18

4 11	16 2.48	− 4 58.2	1.846	2.685	14.1	20.8
4 21	15 58.50	− 3 38.6	1.761	2.670	11.3	20.6
5 1	15 52.32	− 2 20.4	1.699	2.655	8.6	20.4
5 11	15 44.55	− 1 10.2	1.662	2.639	7.0	20.2
5 21	15 36.06	− 0 14.1	1.651	2.624	7.7	20.2
5 31	15 27.81	+ 0 22.8	1.665	2.608	10.3	20.3
6 10	15 20.77	+ 0 37.7	1.702	2.592	13.4	20.5
6 20	15 15.61	+ 0 31.0	1.760	2.576	16.3	20.7

413445 2005 CK_{44} 5 17.8 3°.51 5°.4/19.9 17

4 11	16 6.39	−30 38.9	1.323	2.152	19.2	20.6
4 21	16 2.83	−31 15.3	1.250	2.151	15.6	20.4
5 1	15 55.77	−31 35.2	1.195	2.151	11.4	20.2
5 11	15 46.13	−31 35.1	1.162	2.152	7.3	19.9
5 21	15 35.29	−31 13.9	1.152	2.153	5.5	19.8
5 31	15 24.99	−30 34.9	1.165	2.154	8.1	20.0
6 10	15 16.81	−29 45.6	1.201	2.156	12.3	20.2
6 20	15 11.73	−28 54.5	1.258	2.159	16.4	20.5

288035 2003 UH_{251} 5 17.8 23°.11 1°.6/16.9 17

4 11	16 4.06	−19 9.8	1.369	2.222	17.4	20.3
4 21	16 0.39	−18 26.9	1.300	2.224	13.4	20.1
5 1	15 53.80	−17 34.0	1.251	2.227	8.6	19.8
5 11	15 45.19	−16 35.0	1.225	2.230	3.6	19.5
5 21	15 35.78	−15 35.0	1.224	2.233	2.7	19.5
5 31	15 26.94	−14 40.4	1.247	2.236	7.7	19.8
6 10	15 19.90	−13 57.3	1.294	2.240	12.4	20.1
6 20	15 15.44	−13 29.3	1.362	2.245	16.5	20.3

61420 2000 QN_{14} 5 17.8 200°.44 1°.7/16.7 18

4 11	16 5.64	−16 5.1	2.264	3.088	12.4	20.3
4 21	16 0.51	−15 39.3	2.175	3.084	9.5	20.1
5 1	15 53.41	−15 9.7	2.110	3.080	6.2	19.8
5 11	15 44.95	−14 38.3	2.072	3.075	2.8	19.6
5 21	15 35.89	−14 7.6	2.062	3.069	2.4	19.6
5 31	15 27.11	−13 40.6	2.081	3.063	5.7	19.8
6 10	15 19.44	−13 20.3	2.127	3.057	9.2	20.0
6 20	15 13.47	−13 8.7	2.197	3.050	12.3	20.2

336396 2008 UK_{116} 5 17.8 231°.29 2°.0/18.9 17

4 11	16 4.81	−26 54.8	2.010	2.823	14.1	21.2
4 21	16 0.29	−26 44.8	1.922	2.820	11.1	21.0
5 1	15 53.46	−26 22.9	1.856	2.817	7.6	20.7
5 11	15 45.01	−25 49.3	1.815	2.813	3.9	20.5
5 21	15 35.87	−25 5.6	1.802	2.810	2.2	20.4
5 31	15 27.09	−24 15.4	1.816	2.807	5.4	20.6
6 10	15 19.65	−23 23.8	1.856	2.803	9.2	20.8
6 20	15 14.24	−22 35.8	1.920	2.800	12.6	21.0

441066 2007 RA_{17} 5 17.8 322°.16 20°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.87	−52 22.9	1.107	1.854	26.9	20.6
4 21	16 14.64	−55 5.1	1.042	1.848	25.0	20.4
5 1	16 5.92	−57 18.9	0.991	1.841	23.1	20.2
5 11	15 51.16	−58 47.5	0.953	1.836	21.4	20.1
5 21	15 32.64	−59 16.3	0.931	1.830	20.5	20.0
5 31	15 14.50	−58 39.8	0.924	1.825	20.6	20.0
6 10	15 0.83	−57 7.6	0.933	1.821	21.8	20.0
6 20	14 53.81	−54 58.1	0.956	1.817	23.7	20.1

410711 2009 BR_{26} 5 17.8 245°.68 1°.9/17.0 17

4 11	16 7.52	−16 4.9	1.457	2.302	16.9	21.5
4 21	16 3.02	−15 52.3	1.379	2.299	13.1	21.3
5 1	15 55.57	−15 35.6	1.322	2.296	8.5	21.0
5 11	15 45.97	−15 17.0	1.289	2.293	3.7	20.7
5 21	15 35.40	−14 59.4	1.281	2.290	2.9	20.6
5 31	15 25.24	−14 46.6	1.299	2.286	7.6	20.9
6 10	15 16.81	−14 42.0	1.340	2.283	12.4	21.2
6 20	15 10.95	−14 48.1	1.402	2.279	16.5	21.4

367149 2006 UU_{70} 5 17.8 235°.42 3°.4/15.9 17

4 11	16 6.65	−12 6.0	1.954	2.785	13.8	21.9
4 21	16 1.65	−11 31.7	1.861	2.773	10.7	21.6
5 1	15 54.37	−10 55.6	1.791	2.759	7.2	21.4
5 11	15 45.41	−10 20.9	1.747	2.745	4.0	21.2
5 21	15 35.66	− 9 51.1	1.730	2.731	4.1	21.1
5 31	15 26.14	− 9 29.9	1.741	2.716	7.4	21.3
6 10	15 17.84	− 9 20.1	1.778	2.700	11.1	21.5
6 20	15 11.48	− 9 23.2	1.836	2.683	14.5	21.7

497035 2003 SA_{29} 5 17.8 299°.69 1°.0/18.2 17

4 11	16 4.01	−23 58.0	1.386	2.230	17.7	21.3
4 21	16 0.83	−23 39.0	1.292	2.210	13.9	21.0
5 1	15 54.46	−23 5.7	1.218	2.190	9.4	20.7
5 11	15 45.64	−22 18.4	1.167	2.170	4.2	20.3
5 21	15 35.52	−21 19.9	1.139	2.150	1.9	20.1
5 31	15 25.65	−20 16.0	1.137	2.131	7.4	20.4
6 10	15 17.51	−19 14.7	1.157	2.111	12.7	20.6
6 20	15 12.14	−18 23.1	1.198	2.092	17.5	20.8

118452 1999 VH_{127} 5 17.8 277°.93 2°.8/15.6 18

4 11	16 1.15	−13 20.6	2.437	3.268	11.4	19.6
4 21	15 57.05	−12 31.8	2.334	3.246	8.8	19.4
5 1	15 51.19	−11 39.4	2.256	3.224	5.9	19.2
5 11	15 44.07	−10 46.5	2.204	3.202	3.3	19.0
5 21	15 36.34	− 9 56.7	2.180	3.180	3.4	18.9
5 31	15 28.77	− 9 13.5	2.185	3.158	6.3	19.1
6 10	15 22.10	− 8 40.2	2.216	3.135	9.4	19.2
6 20	15 16.89	− 8 18.9	2.271	3.112	12.3	19.4

418010 2007 TH_{451} 5 17.8 243°.57 0°.7/17.5 17

4 11	16 9.14	−17 52.6	1.664	2.497	15.7	21.6
4 21	16 4.12	−17 56.2	1.573	2.486	12.2	21.3
5 1	15 56.27	−17 55.7	1.503	2.474	8.0	21.0
5 11	15 46.30	−17 51.6	1.458	2.462	3.3	20.7
5 21	15 35.24	−17 45.3	1.440	2.450	1.9	20.6
5 31	15 24.43	−17 39.4	1.448	2.437	6.8	20.8
6 10	15 15.11	−17 37.2	1.482	2.424	11.4	21.1
6 20	15 8.20	−17 41.5	1.537	2.411	15.5	21.3

255940 2006 TZ_9 5 17.8 165°.07 0°.2/17.6 17

4 11	16 7.75	−20 40.4	2.048	2.868	13.7	21.6
4 21	16 2.30	−20 19.0	1.968	2.873	10.5	21.4
5 1	15 54.64	−19 50.1	1.910	2.878	6.8	21.2
5 11	15 45.47	−19 15.2	1.878	2.882	2.8	21.0
5 21	15 35.71	−18 36.7	1.875	2.885	1.4	20.9
5 31	15 26.36	−17 58.2	1.900	2.888	5.5	21.1
6 10	15 18.34	−17 23.8	1.952	2.890	9.3	21.4
6 20	15 12.29	−16 56.7	2.027	2.892	12.7	21.6

151196 2001 XB_{263} 5 17.8 319°.73 0°.2/17.8 17

4 11	16 3.66	−20 20.0	1.461	2.309	16.7	19.6
4 21	16 0.29	−20 23.2	1.373	2.294	13.1	19.4
5 1	15 53.97	−20 19.1	1.306	2.279	8.6	19.1
5 11	15 45.40	−20 8.3	1.261	2.265	3.6	18.7
5 21	15 35.69	−19 52.5	1.241	2.252	1.7	18.5
5 31	15 26.22	−19 34.9	1.246	2.239	7.0	18.8
6 10	15 18.36	−19 20.1	1.274	2.226	12.0	19.1
6 20	15 13.06	−19 12.1	1.323	2.215	16.3	19.3

253148 2002 VQ_{76} 5 17.8 232°.90 2°.6/16.4 17

4 11	16 6.81	−13 48.6	2.003	2.832	13.6	21.1
4 21	16 1.75	−13 21.5	1.909	2.820	10.5	20.8
5 1	15 54.43	−12 51.8	1.838	2.807	7.0	20.6
5 11	15 45.46	−12 21.9	1.793	2.794	3.5	20.3
5 21	15 35.70	−11 55.0	1.776	2.780	3.3	20.3
5 31	15 26.16	−11 34.3	1.786	2.765	6.8	20.5
6 10	15 17.83	−11 22.8	1.823	2.750	10.6	20.7
6 20	15 11.41	−11 22.3	1.882	2.734	14.0	20.9

80842 2000 DW_{14} 5 17.8 205°.16 3°.7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.44	−12 1.1	1.756	2.595	14.7	19.1
4 21	16 0.84	−11 22.1	1.678	2.594	11.4	18.9
5 1	15 53.85	−10 41.5	1.622	2.592	7.7	18.7
5 11	15 45.20	−10 3.2	1.591	2.590	4.3	18.5
5 21	15 35.84	− 9 31.1	1.587	2.587	4.4	18.5
5 31	15 26.86	− 9 9.3	1.610	2.585	7.8	18.6
6 10	15 19.27	− 9 0.4	1.656	2.582	11.6	18.9
6 20	15 13.77	− 9 5.6	1.725	2.579	15.0	19.1

83129 2001 QY_{256} 5 17.8 217°.61 4°.2/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.66	−31 38.9	2.437	3.218	12.9	20.1
4 21	16 2.32	−32 16.6	2.342	3.214	10.5	19.9
5 1	15 54.76	−32 44.1	2.270	3.209	7.8	19.8
5 11	15 45.59	−32 59.2	2.224	3.204	5.3	19.6
5 21	15 35.63	−33 0.8	2.205	3.199	4.2	19.5
5 31	15 25.87	−32 49.8	2.215	3.193	5.7	19.6
6 10	15 17.27	−32 29.5	2.251	3.187	8.4	19.8
6 20	15 10.53	−32 4.0	2.312	3.181	11.1	19.9

505584 2014 BP_{53} 5 17.8 199°.36 4°.0/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.91	− 8 17.3	2.389	3.214	11.8	22.0
4 21	15 59.03	− 7 40.7	2.306	3.211	9.2	21.9
5 1	15 52.38	− 7 5.4	2.246	3.208	6.4	21.7
5 11	15 44.53	− 6 34.6	2.214	3.204	4.3	21.5
5 21	15 36.17	− 6 11.3	2.210	3.200	4.5	21.5
5 31	15 28.07	− 5 58.2	2.234	3.195	6.9	21.7
6 10	15 20.96	− 5 56.8	2.284	3.190	9.7	21.8
6 20	15 15.39	− 6 7.4	2.357	3.184	12.3	22.0

420716 2012 OL_{1} 5 17.8 183°.21 5°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.06	−52 30.2	4.892	5.522	8.6	20.9
4 21	15 58.87	−53 6.7	4.799	5.522	7.8	20.9
5 1	15 52.18	−53 31.8	4.726	5.522	6.9	20.8
5 11	15 44.43	−53 43.6	4.676	5.522	6.2	20.7
5 21	15 36.21	−53 41.3	4.650	5.521	5.8	20.7
5 31	15 28.15	−53 25.3	4.650	5.521	5.9	20.7
6 10	15 20.87	−52 57.1	4.674	5.521	6.3	20.7
6 20	15 14.85	−52 19.5	4.722	5.520	7.1	20.8

425901 2011 FB_{88} 5 17.8 14°.14 9°.0/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.58	+ 0 17.4	1.664	2.503	15.5	20.3
4 21	15 58.62	+ 1 35.0	1.603	2.504	12.7	20.2
5 1	15 52.37	+ 2 44.0	1.562	2.505	10.3	20.0
5 11	15 44.58	+ 3 36.9	1.545	2.507	9.0	19.9
5 21	15 36.18	+ 4 8.1	1.552	2.508	9.7	20.0
5 31	15 28.22	+ 4 14.2	1.583	2.510	11.8	20.1
6 10	15 21.65	+ 3 54.9	1.636	2.512	14.5	20.3
6 20	15 17.10	+ 3 13.0	1.707	2.515	17.1	20.5

165204 2000 RO_{73} 5 17.8 171°.15 1°.6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.31	−24 6.4	2.005	2.813	14.4	21.0
4 21	16 5.23	−24 17.8	1.921	2.817	11.2	20.8
5 1	15 56.68	−24 20.8	1.860	2.821	7.6	20.5
5 11	15 46.37	−24 14.6	1.825	2.824	3.6	20.3
5 21	15 35.30	−23 59.9	1.817	2.827	1.9	20.2
5 31	15 24.62	−23 39.0	1.838	2.828	5.6	20.4
6 10	15 15.38	−23 15.9	1.887	2.828	9.4	20.7
6 20	15 8.31	−22 54.6	1.959	2.828	12.8	20.9

455697 2005 EB_{188} 5 17.8 34°.97 0°.9/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.43	−19 43.3	1.265	2.121	18.3	21.1
4 21	16 0.84	−19 19.2	1.204	2.130	14.1	20.8
5 1	15 54.16	−18 46.0	1.163	2.139	9.1	20.6
5 11	15 45.39	−18 6.3	1.145	2.149	3.7	20.3
5 21	15 35.82	−17 24.3	1.150	2.160	2.2	20.2
5 31	15 26.94	−16 45.7	1.180	2.172	7.5	20.6
6 10	15 20.03	−16 15.9	1.232	2.183	12.4	20.9
6 20	15 15.84	−15 58.4	1.304	2.196	16.6	21.2

382253 2012 TK_{26} 5 17.8 253°.01 0°.9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.95	−14 37.5	4.705	5.518	6.6	21.3
4 21	15 52.99	−14 40.0	4.608	5.512	5.0	21.1
5 1	15 48.16	−14 41.9	4.538	5.505	3.2	21.0
5 11	15 42.75	−14 43.8	4.497	5.499	1.5	20.9
5 21	15 37.07	−14 46.5	4.486	5.493	1.2	20.8
5 31	15 31.49	−14 50.8	4.505	5.487	2.9	21.0
6 10	15 26.35	−14 57.3	4.553	5.480	4.7	21.1
6 20	15 21.95	−15 6.8	4.628	5.474	6.4	21.2

503129 2015 FP_{371} 5 17.8 187°.91 4°.9/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.58	−35 44.9	2.261	3.030	14.1	21.6
4 21	16 3.14	−35 53.9	2.170	3.030	11.6	21.4
5 1	15 55.30	−35 47.2	2.100	3.029	8.9	21.2
5 11	15 45.80	−35 22.8	2.055	3.027	6.2	21.1
5 21	15 35.60	−34 40.8	2.036	3.025	4.9	21.0
5 31	15 25.80	−33 43.8	2.046	3.023	6.2	21.0
6 10	15 17.41	−32 37.3	2.082	3.020	8.9	21.2
6 20	15 11.14	−31 27.6	2.143	3.017	11.7	21.4

355551 2008 BW_{53} 5 17.8 166°.86 6°.9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.64	+ 3 50.6	2.939	3.743	10.4	21.8
4 21	15 56.16	+ 5 7.8	2.874	3.747	8.7	21.7
5 1	15 50.35	+ 6 17.8	2.835	3.750	7.4	21.6
5 11	15 43.66	+ 7 16.4	2.822	3.754	6.9	21.5
5 21	15 36.65	+ 8 0.1	2.835	3.757	7.4	21.6
5 31	15 29.89	+ 8 26.6	2.875	3.759	8.7	21.7
6 10	15 23.92	+ 8 35.2	2.939	3.761	10.3	21.8
6 20	15 19.15	+ 8 27.0	3.024	3.763	11.9	21.9

175693 1995 SZ_{41} 5 17.8 117°.70 1°.7/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.64	−15 48.5	2.352	3.179	11.9	21.4
4 21	15 58.08	−15 21.7	2.276	3.186	9.0	21.2
5 1	15 51.77	−14 51.8	2.223	3.193	5.9	21.0
5 11	15 44.29	−14 20.8	2.197	3.200	2.7	20.8
5 21	15 36.36	−13 51.3	2.200	3.206	2.3	20.8
5 31	15 28.76	−13 26.0	2.230	3.213	5.4	21.0
6 10	15 22.21	−13 7.6	2.288	3.219	8.6	21.2
6 20	15 17.23	−12 57.6	2.369	3.225	11.4	21.4

335829 2007 LD_{6} 5 17.8 257°.11 8°.0/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.63	− 0 16.3	2.004	2.833	13.6	21.3
4 21	15 58.42	+ 1 7.3	1.925	2.821	11.2	21.1
5 1	15 52.19	+ 2 25.6	1.869	2.809	9.1	20.9
5 11	15 44.52	+ 3 31.9	1.838	2.796	8.1	20.8
5 21	15 36.22	+ 4 20.5	1.832	2.783	8.8	20.8
5 31	15 28.18	+ 4 47.3	1.851	2.770	10.9	20.9
6 10	15 21.26	+ 4 50.7	1.893	2.757	13.4	21.1
6 20	15 16.08	+ 4 31.9	1.955	2.743	15.9	21.2

250445 2003 YQ_{56} 5 17.8 212°.92 0°.1/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.02	−21 9.9	1.975	2.795	14.1	22.0
4 21	16 2.77	−20 53.9	1.883	2.788	10.9	21.8
5 1	15 55.13	−20 29.8	1.813	2.781	7.2	21.5
5 11	15 45.77	−19 58.7	1.769	2.773	3.0	21.3
5 21	15 35.62	−19 22.6	1.753	2.764	1.4	21.1
5 31	15 25.77	−18 45.2	1.765	2.754	5.8	21.4
6 10	15 17.25	−18 10.7	1.804	2.744	9.9	21.6
6 20	15 10.78	−17 43.0	1.865	2.733	13.5	21.8

105782 2000 SR_{115} 5 17.8 256°.08 0°.2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.07	−19 54.1	2.436	3.256	11.7	20.2
4 21	15 58.57	−19 43.8	2.338	3.244	9.1	20.0
5 1	15 52.20	−19 28.1	2.264	3.233	5.9	19.8
5 11	15 44.52	−19 8.0	2.217	3.220	2.4	19.5
5 21	15 36.22	−18 45.2	2.197	3.208	1.2	19.4
5 31	15 28.12	−18 22.0	2.207	3.195	4.9	19.7
6 10	15 20.99	−18 1.3	2.243	3.183	8.3	19.8
6 20	15 15.43	−17 45.6	2.304	3.170	11.3	20.0

133929 2004 SM_{39} 5 17.8 140°.62 4°.7/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.95	− 8 33.4	2.280	3.108	12.2	20.2
4 21	15 59.00	− 7 17.3	2.213	3.119	9.5	20.0
5 1	15 52.30	− 6 1.5	2.169	3.129	6.7	19.9
5 11	15 44.49	− 4 50.5	2.153	3.139	4.8	19.8
5 21	15 36.28	− 3 49.1	2.166	3.148	5.3	19.8
5 31	15 28.47	− 3 1.1	2.206	3.157	7.6	20.0
6 10	15 21.76	− 2 28.9	2.272	3.165	10.3	20.1
6 20	15 16.65	− 2 13.0	2.361	3.173	12.8	20.3

110629 2001 TM_{164} 5 17.8 289°.84 0°.8/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.53	−19 17.5	1.649	2.489	15.5	20.5
4 21	16 0.64	−18 59.3	1.554	2.471	12.1	20.2
5 1	15 54.05	−18 33.4	1.480	2.453	7.9	20.0
5 11	15 45.43	−18 1.3	1.430	2.434	3.3	19.6
5 21	15 35.77	−17 26.0	1.406	2.416	2.0	19.5
5 31	15 26.33	−16 51.5	1.408	2.398	6.8	19.8
6 10	15 18.30	−16 22.7	1.435	2.380	11.5	20.0
6 20	15 12.57	−16 3.5	1.483	2.363	15.6	20.2

420411 2012 DF_{9} 5 17.8 358°.21 0°.2/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.45	−20 25.5	1.256	2.113	18.3	21.0
4 21	16 0.37	−20 26.0	1.185	2.111	14.2	20.7
5 1	15 54.08	−20 18.0	1.133	2.109	9.3	20.4
5 11	15 45.46	−20 2.6	1.103	2.108	3.9	20.1
5 21	15 35.79	−19 42.1	1.097	2.108	1.8	19.9
5 31	15 26.62	−19 20.6	1.114	2.108	7.4	20.3
6 10	15 19.36	−19 3.2	1.154	2.110	12.6	20.6
6 20	15 14.92	−18 54.1	1.213	2.112	17.0	20.8

34547 2000 SH_{234} 5 17.8 234°.35 2°.5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.10	−12 7.0	2.530	3.355	11.2	19.3
4 21	15 58.42	−11 48.8	2.438	3.347	8.6	19.1
5 1	15 52.02	−11 30.1	2.371	3.338	5.8	19.0
5 11	15 44.43	−11 13.0	2.330	3.329	3.1	18.8
5 21	15 36.30	−10 59.6	2.318	3.320	3.0	18.7
5 31	15 28.37	−10 52.1	2.335	3.310	5.7	18.9
6 10	15 21.35	−10 52.1	2.378	3.301	8.7	19.1
6 20	15 15.78	−11 0.6	2.446	3.291	11.4	19.2

249615 1999 TB_5 5 17.8 140°.43 10°.9/ 9.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.66	+ 3 30.7	1.782	2.588	15.9	23.2
4 21	16 6.66	+ 6 7.2	1.737	2.609	13.5	23.1
5 1	15 57.34	+ 8 33.1	1.716	2.629	11.5	23.0
5 11	15 46.55	+10 37.8	1.722	2.647	10.9	23.0
5 21	15 35.35	+12 13.0	1.755	2.663	11.8	23.1
5 31	15 24.84	+13 14.2	1.812	2.678	13.7	23.2
6 10	15 15.95	+13 41.7	1.891	2.692	15.9	23.4
6 20	15 9.28	+13 39.2	1.988	2.703	17.9	23.6

316618 2011 WJ_{57} 5 17.8 293°.62 0°.2/17.6 16

4 11	16 1.41	−21 29.6	2.268	3.092	12.4	21.1
4 21	15 57.38	−20 54.6	2.177	3.085	9.5	20.9
5 1	15 51.45	−20 11.3	2.109	3.079	6.2	20.6
5 11	15 44.22	−19 21.6	2.068	3.072	2.5	20.4
5 21	15 36.44	−18 28.3	2.055	3.065	1.3	20.3
5 31	15 28.94	−17 35.3	2.070	3.059	5.1	20.5
6 10	15 22.52	−16 46.7	2.111	3.052	8.6	20.7
6 20	15 17.74	−16 5.9	2.177	3.046	11.7	20.9

249179 2008 CL_{107} 5 17.8 302°.45 1°.1/17.2 17

4 11	16 2.02	−17 38.5	2.088	2.921	12.9	20.8
4 21	15 58.09	−17 21.4	1.991	2.905	10.0	20.6
5 1	15 52.07	−16 59.4	1.918	2.889	6.5	20.3
5 11	15 44.54	−16 34.3	1.869	2.873	2.7	20.0
5 21	15 36.27	−16 8.4	1.848	2.857	1.9	19.9
5 31	15 28.20	−15 44.7	1.855	2.842	5.8	20.2
6 10	15 21.21	−15 26.5	1.887	2.826	9.5	20.4
6 20	15 15.99	−15 16.1	1.942	2.811	12.9	20.5

331524 2000 RJ 5 17.8 306°.25 0°.9/17.2 18

4 11	16 2.20	−21 50.2	1.539	2.383	16.2	19.8
4 21	15 59.16	−20 55.0	1.433	2.353	12.7	19.5
5 1	15 53.27	−19 44.1	1.348	2.322	8.4	19.2
5 11	15 45.20	−18 19.7	1.287	2.292	3.5	18.8
5 21	15 35.94	−16 46.9	1.251	2.261	2.3	18.6
5 31	15 26.82	−15 13.4	1.242	2.231	7.6	18.9
6 10	15 19.16	−13 48.2	1.256	2.202	12.7	19.1
6 20	15 13.93	−12 38.4	1.291	2.172	17.4	19.3

476361 2008 BP_{46} 5 17.8 359°.60 3°.9/20.1 16

4 11	16 4.75	−31 9.1	2.234	3.028	13.5	21.3
4 21	16 0.19	−31 31.6	2.147	3.028	10.9	21.1
5 1	15 53.42	−31 42.4	2.082	3.027	8.0	21.0
5 11	15 45.09	−31 40.0	2.042	3.027	5.2	20.8
5 21	15 36.05	−31 24.3	2.029	3.027	3.9	20.7
5 31	15 27.33	−30 57.2	2.044	3.027	5.7	20.8
6 10	15 19.84	−30 22.7	2.084	3.028	8.6	21.0
6 20	15 14.29	−29 45.5	2.149	3.028	11.5	21.2

294717 2008 BJ_{31} 5 17.8 95°.74 2°.5/19.0 17

4 11	16 7.90	−26 32.6	1.610	2.433	16.6	21.6
4 21	16 3.15	−26 37.5	1.537	2.440	13.1	21.3
5 1	15 55.57	−26 29.8	1.485	2.447	9.0	21.1
5 11	15 46.01	−26 8.8	1.456	2.454	4.7	20.9
5 21	15 35.65	−25 35.8	1.452	2.461	2.7	20.8
5 31	15 25.82	−24 54.8	1.476	2.468	6.3	21.0
6 10	15 17.75	−24 11.6	1.524	2.474	10.5	21.3
6 20	15 12.21	−23 32.0	1.594	2.481	14.3	21.5

282281 2002 PF_{16} 5 17.8 338°.89 11°.0/11.5 17

4 11	16 0.31	+ 3 51.5	1.538	2.378	16.4	20.0
4 21	15 57.20	+ 5 16.1	1.471	2.368	14.0	19.8
5 1	15 51.66	+ 6 28.9	1.425	2.358	11.9	19.7
5 11	15 44.41	+ 7 21.2	1.401	2.349	11.0	19.6
5 21	15 36.40	+ 7 46.2	1.399	2.340	11.8	19.6
5 31	15 28.75	+ 7 40.3	1.419	2.333	13.9	19.7
6 10	15 22.50	+ 7 3.9	1.458	2.326	16.5	19.8
6 20	15 18.37	+ 6 0.6	1.516	2.320	19.1	20.0

155396 1995 SS_{14} 5 17.8 217°.67 5°.0/14.3 18

4 11	16 3.65	− 7 28.5	2.244	3.073	12.3	21.0
4 21	15 58.99	− 6 25.1	2.160	3.066	9.7	20.8
5 1	15 52.47	− 5 22.2	2.099	3.058	7.0	20.7
5 11	15 44.66	− 4 24.2	2.065	3.050	5.1	20.5
5 21	15 36.29	− 3 35.5	2.059	3.041	5.6	20.5
5 31	15 28.19	− 3 0.1	2.080	3.032	8.0	20.7
6 10	15 21.13	− 2 40.2	2.127	3.022	10.8	20.8
6 20	15 15.68	− 2 36.3	2.195	3.012	13.5	21.0

6050 Miwablock 5 17.8 264°.77 2°.1/16.8 18 A

4 11	16 11.78	−15 17.8	1.931	2.752	14.3	19.3
4 21	16 6.07	−14 57.9	1.812	2.718	11.2	19.1
5 1	15 57.64	−14 33.7	1.715	2.682	7.5	18.8
5 11	15 47.01	−14 7.0	1.644	2.646	3.5	18.4
5 21	15 35.09	−13 40.3	1.601	2.608	3.0	18.3
5 31	15 23.05	−13 17.2	1.587	2.568	7.2	18.5
6 10	15 12.14	−13 1.4	1.599	2.527	11.7	18.6
6 20	15 3.35	−12 56.0	1.634	2.485	15.9	18.8

254329 2004 SW_{29} 5 17.8 240°.53 0°.6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.84	−18 53.2	2.957	3.772	10.0	21.7
4 21	15 57.30	−18 33.7	2.854	3.758	7.7	21.5
5 1	15 51.25	−18 9.6	2.775	3.743	5.0	21.3
5 11	15 44.14	−17 42.3	2.725	3.728	2.1	21.1
5 21	15 36.54	−17 13.4	2.703	3.713	1.3	21.0
5 31	15 29.10	−16 45.1	2.712	3.698	4.3	21.2
6 10	15 22.43	−16 20.0	2.748	3.682	7.2	21.4
6 20	15 17.04	−16 0.0	2.809	3.666	9.8	21.5

200604 2001 RH_{135} 5 17.8 224°.80 0°.7/17.5 16

4 11	16 9.60	−18 37.0	1.628	2.461	16.0	20.9
4 21	16 4.52	−18 32.0	1.541	2.453	12.4	20.6
5 1	15 56.57	−18 21.2	1.474	2.445	8.2	20.4
5 11	15 46.50	−18 5.6	1.432	2.436	3.4	20.0
5 21	15 35.40	−17 47.1	1.417	2.427	1.9	19.9
5 31	15 24.60	−17 28.9	1.428	2.417	6.9	20.2
6 10	15 15.37	−17 15.1	1.464	2.407	11.5	20.4
6 20	15 8.61	−17 9.0	1.522	2.396	15.6	20.7

186125 2001 TM_{150} 5 17.8 207°.75 0°.6/17.2 18

4 11	15 56.20	−16 31.6	4.620	5.434	6.7	20.3
4 21	15 52.47	−16 27.9	4.529	5.432	5.1	20.2
5 1	15 47.86	−16 22.8	4.463	5.430	3.3	20.0
5 11	15 42.68	−16 16.9	4.426	5.429	1.4	19.9
5 21	15 37.25	−16 11.1	4.418	5.427	1.0	19.9
5 31	15 31.94	−16 6.4	4.441	5.425	2.8	20.0
6 10	15 27.09	−16 3.8	4.492	5.423	4.7	20.1
6 20	15 22.98	−16 4.0	4.570	5.422	6.4	20.3

266199 2006 WH_2 5 17.8 222°.00 6°.8/14.3 18

4 11	16 6.99	− 2 8.3	1.982	2.805	13.9	20.3
4 21	16 1.80	− 1 23.5	1.900	2.797	11.3	20.1
5 1	15 54.43	− 0 44.9	1.841	2.789	8.6	19.9
5 11	15 45.52	− 0 17.4	1.806	2.779	6.9	19.8
5 21	15 35.90	− 0 5.0	1.799	2.770	7.3	19.8
5 31	15 26.57	− 0 10.5	1.817	2.759	9.6	19.9
6 10	15 18.43	− 0 34.6	1.860	2.749	12.5	20.1
6 20	15 12.18	− 1 15.7	1.925	2.737	15.3	20.3

445068 2008 SE_{268} 5 17.8 125°.68 0°.8/17.0 18 R

4 11	15 58.88	−17 5.9	3.715	4.529	8.2	22.0
4 21	15 54.63	−16 46.1	3.638	4.542	6.2	21.9
5 1	15 49.29	−16 23.8	3.586	4.554	4.0	21.7
5 11	15 43.28	−16 0.3	3.563	4.566	1.7	21.6
5 21	15 37.00	−15 36.9	3.569	4.577	1.3	21.5
5 31	15 30.94	−15 15.3	3.606	4.589	3.5	21.7
6 10	15 25.52	−14 57.2	3.670	4.600	5.7	21.9
6 20	15 21.07	−14 43.6	3.761	4.611	7.7	22.0

370926 2005 NZ_{89} 5 17.8 213°.10 4°.5/15.1 17

4 11	16 6.10	− 7 50.1	2.214	3.038	12.6	22.4
4 21	16 0.92	− 7 7.4	2.126	3.031	9.9	22.2
5 1	15 53.77	− 6 25.9	2.062	3.022	7.0	22.0
5 11	15 45.23	− 5 49.4	2.025	3.013	4.8	21.8
5 21	15 36.06	− 5 21.4	2.015	3.004	5.1	21.8
5 31	15 27.15	− 5 5.1	2.034	2.993	7.6	22.0
6 10	15 19.32	− 5 2.2	2.078	2.982	10.7	22.1
6 20	15 13.18	− 5 13.2	2.145	2.970	13.5	22.3

49737 1999 VS_{112} 5 17.8 338°.31 1°.2/17.6 18

4 11	16 1.60	−15 3.1	0.914	1.798	21.2	17.3
4 21	16 0.16	−15 37.6	0.840	1.781	16.6	17.0
5 1	15 54.74	−16 14.6	0.783	1.765	11.0	16.6
5 11	15 46.07	−16 55.0	0.745	1.751	4.7	16.2
5 21	15 35.56	−17 38.9	0.727	1.738	2.7	16.0
5 31	15 25.24	−18 26.5	0.730	1.727	9.4	16.3
6 10	15 17.16	−19 18.7	0.751	1.718	15.7	16.6
6 20	15 12.72	−20 16.1	0.790	1.711	21.3	16.9

218593 2005 MG_{39} 5 17.8 248°.90 1°.7/16.9 18

4 11	16 7.25	−16 15.2	2.111	2.935	13.2	21.1
4 21	16 2.14	−15 53.3	2.006	2.914	10.2	20.9
5 1	15 54.77	−15 27.0	1.924	2.894	6.7	20.6
5 11	15 45.72	−14 58.2	1.869	2.872	3.0	20.4
5 21	15 35.81	−14 29.3	1.842	2.849	2.4	20.3
5 31	15 26.03	−14 3.5	1.843	2.826	6.2	20.5
6 10	15 17.35	−13 44.2	1.871	2.802	10.1	20.6
6 20	15 10.54	−13 34.0	1.922	2.778	13.6	20.8

474321 2002 CK_{218} 5 17.8 141°.47 8°.7/25.2 16

4 11	16 15.37	−52 18.8	3.072	3.717	13.0	21.8
4 21	16 8.50	−53 20.1	2.992	3.727	11.8	21.7
5 1	15 58.94	−54 4.1	2.931	3.737	10.5	21.6
5 11	15 47.43	−54 26.6	2.893	3.747	9.4	21.5
5 21	15 35.03	−54 25.1	2.877	3.756	8.8	21.5
5 31	15 23.00	−54 0.1	2.887	3.765	8.8	21.5
6 10	15 12.50	−53 15.1	2.921	3.774	9.5	21.5
6 20	15 4.36	−52 15.6	2.978	3.782	10.6	21.6

368261 2001 YO_{71} 5 17.8 119°.05 0°.2/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.42	−21 11.3	2.220	3.033	13.0	22.1
4 21	16 2.57	−21 2.2	2.152	3.053	10.0	21.9
5 1	15 54.71	−20 46.6	2.107	3.072	6.5	21.7
5 11	15 45.56	−20 25.3	2.088	3.091	2.7	21.5
5 21	15 35.97	−20 0.2	2.099	3.110	1.2	21.4
5 31	15 26.85	−19 34.0	2.138	3.127	5.0	21.7
6 10	15 19.03	−19 9.9	2.205	3.144	8.4	22.0
6 20	15 13.05	−18 50.8	2.296	3.160	11.4	22.2

429584 2011 EU_{29} 5 17.8 131°.79 0°.7/17.2 18 R

4 11	16 9.46	−18 16.0	3.162	3.958	9.9	25.9
4 21	16 2.66	−17 51.0	3.090	3.984	7.5	25.8
5 1	15 54.46	−17 21.9	3.045	4.009	4.8	25.6
5 11	15 45.39	−16 50.1	3.029	4.032	2.0	25.5
5 21	15 36.06	−16 17.5	3.046	4.054	1.3	25.4
5 31	15 27.12	−15 46.2	3.093	4.075	4.1	25.7
6 10	15 19.12	−15 18.6	3.171	4.095	6.7	25.9
6 20	15 12.50	−14 56.5	3.275	4.113	9.0	26.1

39353 2002 AR_{144} 5 17.8 348°.64 5°.6/15.2 18

4 11	16 0.57	− 9 46.3	1.375	2.238	16.7	18.7
4 21	15 57.74	− 8 54.9	1.304	2.231	13.1	18.5
5 1	15 52.18	− 8 3.4	1.253	2.225	9.1	18.2
5 11	15 44.69	− 7 17.8	1.224	2.220	6.0	18.0
5 21	15 36.34	− 6 44.0	1.220	2.215	6.3	18.0
5 31	15 28.40	− 6 27.0	1.239	2.212	9.8	18.2
6 10	15 22.05	− 6 29.4	1.279	2.210	13.9	18.5
6 20	15 18.07	− 6 50.9	1.339	2.208	17.6	18.7

122611 2000 RT_{46} 5 17.8 280°.30 2°.5/18.9 17

4 11	16 7.08	−26 29.0	1.925	2.738	14.7	19.6
4 21	16 2.55	−26 37.3	1.813	2.710	11.7	19.4
5 1	15 55.36	−26 34.9	1.723	2.682	8.2	19.1
5 11	15 46.07	−26 20.7	1.657	2.654	4.4	18.8
5 21	15 35.63	−25 54.7	1.617	2.625	2.6	18.6
5 31	15 25.23	−25 19.1	1.605	2.596	6.1	18.8
6 10	15 16.09	−24 38.9	1.619	2.566	10.3	19.0
6 20	15 9.14	−23 59.3	1.656	2.536	14.2	19.1

488652 2003 SL_{138} 5 17.8 262°.00 5°.1/20.4 18

4 11	16 9.51	−34 16.0	2.341	3.112	13.6	22.1
4 21	16 4.15	−34 48.7	2.226	3.088	11.3	21.9
5 1	15 56.25	−35 9.3	2.133	3.063	8.7	21.7
5 11	15 46.41	−35 14.6	2.064	3.037	6.2	21.5
5 21	15 35.50	−35 2.9	2.023	3.011	5.1	21.3
5 31	15 24.62	−34 35.0	2.009	2.984	6.5	21.4
6 10	15 14.93	−33 54.7	2.023	2.957	9.3	21.5
6 20	15 7.28	−33 7.5	2.060	2.929	12.3	21.6

296501 2009 JL_{16} 5 17.8 296°.01 3°.0/15.7 16

4 11	16 0.84	−13 7.5	2.207	3.043	12.2	20.7
4 21	15 56.95	−12 19.0	2.119	3.034	9.4	20.5
5 1	15 51.21	−11 27.5	2.056	3.026	6.3	20.3
5 11	15 44.19	−10 36.5	2.019	3.017	3.5	20.1
5 21	15 36.61	− 9 49.7	2.009	3.009	3.7	20.1
5 31	15 29.28	− 9 11.0	2.027	3.001	6.6	20.2
6 10	15 22.99	− 8 43.4	2.070	2.992	9.8	20.4
6 20	15 18.29	− 8 28.4	2.136	2.984	12.7	20.6

52030 Maxvasile 5 17.8 239°.58 3°.0/16.3 17

4 11	16 6.30	−13 47.8	1.803	2.639	14.6	20.0
4 21	16 1.62	−13 13.6	1.714	2.629	11.3	19.8
5 1	15 54.51	−12 36.1	1.648	2.618	7.5	19.5
5 11	15 45.63	−11 58.5	1.606	2.607	3.9	19.3
5 21	15 35.92	−11 24.5	1.592	2.595	3.7	19.2
5 31	15 26.48	−10 58.2	1.604	2.584	7.4	19.4
6 10	15 18.37	−10 42.9	1.642	2.571	11.4	19.6
6 20	15 12.36	−10 40.6	1.701	2.559	15.0	19.8

157622 2005 WB_{101} 5 17.8 200°.29 0°.7/17.4 17

4 11	16 6.17	−18 35.5	1.924	2.752	14.1	21.0
4 21	16 1.35	−18 23.8	1.840	2.751	10.8	20.8
5 1	15 54.23	−18 6.7	1.779	2.749	7.0	20.6
5 11	15 45.48	−17 45.6	1.743	2.747	2.9	20.3
5 21	15 36.01	−17 22.5	1.734	2.745	1.7	20.2
5 31	15 26.87	−17 0.6	1.754	2.742	5.9	20.5
6 10	15 19.05	−16 43.3	1.799	2.739	9.9	20.7
6 20	15 13.24	−16 33.2	1.867	2.736	13.4	20.9

480735 2016 NO_{5} 5 17.8 189°.75 5°.1/21.1 18

4 11	16 6.78	−35 45.2	2.309	3.080	13.8	21.1
4 21	16 1.79	−36 5.0	2.219	3.079	11.4	21.0
5 1	15 54.50	−36 10.2	2.151	3.079	8.8	20.8
5 11	15 45.59	−35 58.8	2.108	3.078	6.3	20.6
5 21	15 35.96	−35 30.3	2.091	3.077	5.1	20.6
5 31	15 26.68	−34 47.0	2.101	3.076	6.3	20.6
6 10	15 18.73	−33 53.4	2.137	3.075	8.7	20.8
6 20	15 12.80	−32 55.3	2.198	3.073	11.4	21.0

471862 2013 AU_{11} 5 17.8 204°.85 1°.0/18.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.97	−24 23.5	2.745	3.548	11.0	22.8
4 21	15 59.06	−24 10.8	2.649	3.543	8.6	22.6
5 1	15 52.45	−23 50.5	2.577	3.538	5.7	22.5
5 11	15 44.68	−23 22.9	2.532	3.532	2.7	22.2
5 21	15 36.40	−22 49.6	2.516	3.526	1.3	22.1
5 31	15 28.35	−22 12.9	2.530	3.519	4.2	22.3
6 10	15 21.24	−21 36.1	2.571	3.512	7.3	22.5
6 20	15 15.60	−21 2.1	2.638	3.505	10.0	22.7

359418 2010 LT_{4} 5 17.8 252°.30 3°.9/20.4 18

4 11	16 5.67	−33 4.6	2.779	3.552	11.7	21.4
4 21	16 0.65	−33 24.9	2.670	3.535	9.6	21.2
5 1	15 53.66	−33 34.5	2.584	3.518	7.2	21.0
5 11	15 45.24	−33 31.8	2.523	3.500	4.9	20.8
5 21	15 36.11	−33 16.3	2.490	3.482	3.9	20.8
5 31	15 27.11	−32 49.3	2.486	3.464	5.2	20.8
6 10	15 19.07	−32 14.0	2.509	3.445	7.7	20.9
6 20	15 12.65	−31 34.2	2.557	3.426	10.2	21.1

399172 2014 FK_{39} 5 17.8 309°.15 2°.7/16.4 18

4 11	16 3.26	−11 43.9	2.174	3.007	12.5	20.0
4 21	15 58.84	−11 33.5	2.088	3.000	9.7	19.8
5 1	15 52.47	−11 23.4	2.026	2.994	6.5	19.6
5 11	15 44.73	−11 15.8	1.989	2.988	3.5	19.4
5 21	15 36.37	−11 12.9	1.979	2.982	3.3	19.4
5 31	15 28.24	−11 16.6	1.998	2.976	6.3	19.6
6 10	15 21.17	−11 28.4	2.042	2.970	9.6	19.7
6 20	15 15.78	−11 48.9	2.110	2.965	12.6	19.9

467015 2016 CC_{143} 5 17.8 355°.94 5°.9/15.5 17

4 11	15 58.88	−10 30.2	1.071	1.951	19.1	20.2
4 21	15 57.08	− 9 40.6	1.008	1.945	14.9	19.9
5 1	15 52.07	− 8 50.6	0.963	1.940	10.3	19.6
5 11	15 44.74	− 8 7.4	0.939	1.937	6.5	19.4
5 21	15 36.37	− 7 37.8	0.936	1.936	6.8	19.4
5 31	15 28.53	− 7 27.5	0.955	1.936	10.9	19.6
6 10	15 22.62	− 7 39.1	0.994	1.937	15.5	19.9
6 20	15 19.53	− 8 11.7	1.050	1.940	19.8	20.1

261225 2005 UU_{27} 5 17.8 312°.13 4°.0/19.3 18

4 11	16 7.79	−28 10.1	2.091	2.893	14.0	20.1
4 21	16 2.91	−29 7.8	1.993	2.880	11.3	19.9
5 1	15 55.49	−29 58.3	1.917	2.867	8.2	19.7
5 11	15 46.12	−30 38.6	1.867	2.855	5.2	19.5
5 21	15 35.68	−31 6.5	1.843	2.842	4.1	19.4
5 31	15 25.31	−31 21.8	1.847	2.830	6.2	19.5
6 10	15 16.15	−31 27.0	1.878	2.818	9.5	19.6
6 20	15 9.09	−31 25.8	1.931	2.807	12.7	19.8

472376 2015 BO_{71} 5 17.8 214°.96 4°.8/20.6 18

4 11	16 7.72	−33 34.7	1.870	2.662	15.8	20.8
4 21	16 2.96	−33 43.6	1.782	2.659	12.9	20.6
5 1	15 55.48	−33 35.8	1.715	2.657	9.6	20.4
5 11	15 46.05	−33 9.3	1.672	2.654	6.4	20.2
5 21	15 35.76	−32 24.2	1.655	2.651	4.8	20.1
5 31	15 25.91	−31 23.9	1.664	2.648	6.6	20.2
6 10	15 17.67	−30 15.0	1.699	2.645	10.0	20.4
6 20	15 11.83	−29 4.6	1.757	2.642	13.3	20.6

504253 2006 UU_{337} 5 17.8 117°.79 0°.1/17.8 17

4 11	16 5.21	−19 24.0	2.717	3.528	10.9	22.5
4 21	15 59.85	−19 28.0	2.643	3.544	8.3	22.3
5 1	15 52.86	−19 28.0	2.593	3.559	5.4	22.2
5 11	15 44.82	−19 24.8	2.571	3.574	2.2	22.0
5 21	15 36.37	−19 19.2	2.578	3.588	1.1	21.9
5 31	15 28.23	−19 12.8	2.614	3.602	4.2	22.1
6 10	15 21.07	−19 7.7	2.679	3.616	7.2	22.4
6 20	15 15.37	−19 5.6	2.769	3.629	9.8	22.5

209589 2004 XV_{120} 5 17.8 222°.23 0°.7/17.4 17

4 11	16 8.22	−19 41.5	1.783	2.610	15.0	21.2
4 21	16 3.20	−19 16.2	1.692	2.602	11.7	20.9
5 1	15 55.59	−18 42.8	1.623	2.593	7.6	20.7
5 11	15 46.10	−18 2.9	1.579	2.583	3.1	20.4
5 21	15 35.73	−17 19.6	1.563	2.573	1.9	20.2
5 31	15 25.66	−16 37.1	1.574	2.562	6.5	20.5
6 10	15 17.04	−16 0.3	1.610	2.550	10.9	20.7
6 20	15 10.65	−15 33.1	1.669	2.538	14.7	21.0

293386 2007 EW_{43} 5 17.8 337°.95 3°.4/13.7 18

4 11	15 54.75	− 5 21.8	3.976	4.798	7.5	20.1
4 21	15 51.49	− 4 34.2	3.895	4.795	5.9	20.0
5 1	15 47.30	− 3 48.4	3.839	4.792	4.4	19.9
5 11	15 42.51	− 3 6.7	3.812	4.789	3.4	19.8
5 21	15 37.46	− 2 31.2	3.814	4.786	3.7	19.9
5 31	15 32.56	− 2 3.7	3.843	4.784	5.1	19.9
6 10	15 28.18	− 1 45.3	3.900	4.781	6.7	20.1
6 20	15 24.61	− 1 36.4	3.980	4.779	8.3	20.2

167603 2004 BZ_{138} 5 17.8 140°.83 0°.6/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.21	−22 22.4	2.114	2.935	13.2	20.9
4 21	15 59.68	−22 13.4	2.031	2.936	10.2	20.7
5 1	15 53.05	−21 56.7	1.971	2.938	6.7	20.5
5 11	15 44.98	−21 33.1	1.936	2.939	2.9	20.3
5 21	15 36.29	−21 4.3	1.929	2.940	1.3	20.1
5 31	15 27.95	−20 33.4	1.950	2.941	5.1	20.4
6 10	15 20.81	−20 4.1	1.997	2.942	8.8	20.6
6 20	15 15.52	−19 39.7	2.068	2.943	12.0	20.8

65870 1997 UK_{9} 5 17.8 212°.77 3°.1/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.54	−17 25.2	1.929	2.754	14.2	19.8
4 21	16 3.08	−15 45.9	1.837	2.747	10.9	19.6
5 1	15 55.30	−13 55.3	1.769	2.738	7.2	19.4
5 11	15 45.92	−11 58.6	1.729	2.729	3.7	19.1
5 21	15 35.86	−10 2.9	1.718	2.719	4.0	19.1
5 31	15 26.21	− 8 16.1	1.737	2.708	7.7	19.3
6 10	15 17.92	− 6 45.2	1.782	2.696	11.6	19.5
6 20	15 11.67	− 5 34.2	1.851	2.684	15.0	19.7

173965 2001 XC_{71} 5 17.8 98°.60 3°.8/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.54	− 8 20.9	2.320	3.148	12.0	20.1
4 21	15 58.74	− 7 54.5	2.252	3.159	9.3	20.0
5 1	15 52.23	− 7 30.3	2.208	3.170	6.4	19.8
5 11	15 44.58	− 7 11.2	2.190	3.181	4.2	19.7
5 21	15 36.51	− 6 59.6	2.200	3.192	4.3	19.7
5 31	15 28.80	− 6 57.6	2.238	3.203	6.6	19.9
6 10	15 22.14	− 7 6.1	2.301	3.214	9.4	20.1
6 20	15 17.04	− 7 25.3	2.388	3.224	12.0	20.3

425545 2010 RG_{59} 5 17.8 214°.21 0°.8/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.31	−19 55.1	1.937	2.762	14.2	21.8
4 21	16 2.26	−19 20.6	1.846	2.755	10.9	21.6
5 1	15 54.85	−18 37.6	1.778	2.747	7.1	21.4
5 11	15 45.77	−17 48.2	1.735	2.739	2.9	21.1
5 21	15 35.93	−16 55.6	1.721	2.730	1.8	21.0
5 31	15 26.41	−16 4.4	1.734	2.721	6.1	21.2
6 10	15 18.22	−15 19.3	1.773	2.711	10.2	21.5
6 20	15 12.08	−14 44.2	1.836	2.700	13.8	21.7

393002 2012 XW_{123} 5 17.8 134°.09 2°.3/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.28	−14 49.3	2.356	3.185	11.8	21.7
4 21	15 57.83	−14 2.9	2.279	3.190	9.0	21.5
5 1	15 51.66	−13 13.1	2.226	3.196	5.9	21.3
5 11	15 44.36	−12 22.8	2.200	3.201	3.0	21.1
5 21	15 36.62	−11 35.5	2.203	3.206	2.9	21.1
5 31	15 29.21	−10 54.5	2.234	3.211	5.8	21.3
6 10	15 22.85	−10 22.9	2.291	3.215	8.9	21.5
6 20	15 18.02	−10 2.2	2.372	3.220	11.6	21.7

179369 2001 XV_{225} 5 17.8 227°.08 1°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.36	−26 27.9	2.390	3.197	12.3	20.6
4 21	15 58.87	−26 7.5	2.297	3.192	9.7	20.4
5 1	15 52.45	−25 36.7	2.228	3.188	6.6	20.2
5 11	15 44.72	−24 55.9	2.184	3.183	3.3	19.9
5 21	15 36.44	−24 7.1	2.169	3.178	1.7	19.8
5 31	15 28.45	−23 13.6	2.183	3.174	4.7	20.0
6 10	15 21.56	−22 19.9	2.223	3.168	8.0	20.2
6 20	15 16.35	−21 29.9	2.289	3.163	11.0	20.4

513433 2008 UC_{259} 5 17.8 157°.36 0°.0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.03	−20 25.9	4.196	5.000	7.5	22.9
4 21	15 54.69	−20 17.9	4.109	5.007	5.7	22.8
5 1	15 49.34	−20 6.4	4.048	5.013	3.7	22.7
5 11	15 43.35	−19 52.4	4.016	5.019	1.5	22.5
5 21	15 37.10	−19 36.6	4.014	5.025	0.7	22.4
5 31	15 31.00	−19 20.3	4.042	5.030	2.9	22.6
6 10	15 25.48	−19 5.1	4.099	5.035	5.0	22.8
6 20	15 20.83	−18 52.2	4.183	5.040	6.8	22.9

437698 2014 DA_{36} 5 17.8 64°.36 8°.1/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.41	+ 2 5.2	2.133	2.956	13.1	20.4
4 21	15 57.27	+ 3 18.7	2.073	2.961	10.9	20.2
5 1	15 51.34	+ 4 23.6	2.036	2.967	9.0	20.1
5 11	15 44.23	+ 5 14.2	2.023	2.972	8.1	20.1
5 21	15 36.69	+ 5 46.2	2.036	2.978	8.6	20.1
5 31	15 29.51	+ 5 56.9	2.074	2.983	10.3	20.2
6 10	15 23.42	+ 5 46.2	2.134	2.989	12.4	20.4
6 20	15 18.93	+ 5 16.0	2.215	2.995	14.5	20.5

56903 2000 QR_{170} 5 17.8 168°.81 3°.0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.67	−12 39.8	2.326	3.158	11.8	19.1
4 21	15 57.42	−11 52.3	2.247	3.159	9.1	19.0
5 1	15 51.43	−11 2.7	2.192	3.160	6.1	18.8
5 11	15 44.28	−10 14.3	2.163	3.160	3.5	18.6
5 21	15 36.67	− 9 30.6	2.162	3.161	3.6	18.6
5 31	15 29.35	− 8 54.9	2.189	3.161	6.3	18.8
6 10	15 23.05	− 8 29.8	2.243	3.162	9.3	19.0
6 20	15 18.28	− 8 16.8	2.319	3.162	12.0	19.2

431002 2005 YY_{23} 5 17.8 136°.43 1°.3/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.65	−16 51.5	2.170	2.993	12.9	22.3
4 21	16 1.31	−16 31.7	2.096	3.004	9.8	22.1
5 1	15 53.98	−16 8.1	2.046	3.015	6.4	21.9
5 11	15 45.33	−15 42.3	2.023	3.026	2.7	21.7
5 21	15 36.19	−15 16.9	2.027	3.036	2.0	21.7
5 31	15 27.44	−14 54.6	2.061	3.045	5.6	21.9
6 10	15 19.92	−14 38.1	2.121	3.054	9.0	22.2
6 20	15 14.19	−14 29.4	2.205	3.062	12.0	22.4

394739 2008 FE_{13} 5 17.8 121°.48 3°.1/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.64	−11 23.6	2.548	3.376	11.1	22.1
4 21	15 57.18	−10 39.6	2.475	3.384	8.5	21.9
5 1	15 51.17	− 9 55.0	2.427	3.393	5.7	21.7
5 11	15 44.15	− 9 12.6	2.406	3.402	3.4	21.6
5 21	15 36.75	− 8 35.5	2.414	3.410	3.6	21.6
5 31	15 29.66	− 8 6.5	2.450	3.418	5.9	21.8
6 10	15 23.52	− 7 47.6	2.512	3.426	8.6	22.0
6 20	15 18.78	− 7 39.7	2.598	3.434	11.1	22.1

338424 2003 BX_{90} 5 17.8 98°.58 3°.7/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.49	− 7 50.0	2.401	3.222	11.8	21.3
4 21	16 0.10	− 7 33.3	2.338	3.242	9.2	21.1
5 1	15 53.04	− 7 19.4	2.300	3.261	6.3	21.0
5 11	15 44.90	− 7 10.8	2.289	3.280	4.1	20.8
5 21	15 36.40	− 7 9.4	2.306	3.298	4.1	20.9
5 31	15 28.30	− 7 16.8	2.351	3.316	6.4	21.0
6 10	15 21.27	− 7 33.5	2.423	3.334	9.0	21.2
6 20	15 15.79	− 7 59.4	2.519	3.351	11.5	21.4

373399 1995 SK_{25} 5 17.8 155°.46 0°.4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.94	−19 43.6	2.532	3.345	11.6	23.1
4 21	16 0.53	−19 21.5	2.451	3.354	8.9	23.0
5 1	15 53.38	−18 53.8	2.395	3.362	5.7	22.8
5 11	15 45.07	−18 22.0	2.366	3.370	2.3	22.6
5 21	15 36.32	−17 48.2	2.366	3.377	1.3	22.5
5 31	15 27.91	−17 15.0	2.396	3.383	4.7	22.7
6 10	15 20.56	−16 45.5	2.454	3.389	7.9	23.0
6 20	15 14.77	−16 22.2	2.536	3.394	10.7	23.1

471063 2009 VD_{37} 5 17.8 210°.12 1°.1/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.89	−22 36.9	1.793	2.623	14.9	20.6
4 21	16 0.43	−21 11.0	1.711	2.622	11.5	20.4
5 1	15 53.62	−19 30.4	1.651	2.622	7.4	20.1
5 11	15 45.23	−17 39.6	1.617	2.621	3.0	19.8
5 21	15 36.26	−15 44.9	1.612	2.621	2.2	19.8
5 31	15 27.79	−13 54.6	1.635	2.620	6.6	20.1
6 10	15 20.80	−12 16.4	1.684	2.620	10.8	20.3
6 20	15 15.90	−10 55.5	1.757	2.619	14.4	20.5

140011 2001 SA_{46} 5 17.8 184°.46 4°.0/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.32	− 8 50.3	2.415	3.243	11.6	20.0
4 21	15 57.84	− 8 5.2	2.335	3.243	9.0	19.8
5 1	15 51.69	− 7 20.7	2.281	3.243	6.3	19.6
5 11	15 44.40	− 6 40.4	2.252	3.243	4.2	19.5
5 21	15 36.65	− 6 7.4	2.252	3.242	4.5	19.5
5 31	15 29.17	− 5 44.7	2.280	3.241	6.8	19.7
6 10	15 22.67	− 5 34.0	2.333	3.240	9.5	19.8
6 20	15 17.65	− 5 36.0	2.410	3.238	12.1	20.0

387586 2001 UF_{166} 5 17.8 119°.60 2°.3/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.27	−27 22.9	2.372	3.173	12.6	21.5
4 21	16 0.32	−27 29.2	2.291	3.181	9.9	21.4
5 1	15 53.39	−27 25.9	2.234	3.189	6.9	21.2
5 11	15 45.12	−27 12.8	2.202	3.197	3.8	21.0
5 21	15 36.31	−26 50.5	2.199	3.205	2.4	20.9
5 31	15 27.85	−26 21.5	2.223	3.212	4.8	21.1
6 10	15 20.56	−25 49.3	2.275	3.219	7.9	21.3
6 20	15 15.02	−25 17.7	2.351	3.227	10.8	21.5

453879 2011 UZ_{149} 5 17.8 139°.16 2°.1/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.66	−26 14.6	1.665	2.482	16.4	21.7
4 21	16 5.17	−26 7.9	1.592	2.492	12.9	21.5
5 1	15 56.86	−25 48.2	1.539	2.501	8.8	21.2
5 11	15 46.62	−25 15.5	1.511	2.510	4.4	21.0
5 21	15 35.64	−24 31.5	1.509	2.519	2.3	20.9
5 31	15 25.25	−23 40.9	1.535	2.526	6.2	21.1
6 10	15 16.63	−22 49.8	1.586	2.534	10.4	21.4
6 20	15 10.53	−22 4.0	1.660	2.540	14.2	21.6

354806 2005 VA_{101} 5 17.8 13°.92 4°.1/19.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.34	−28 23.2	2.068	2.869	14.2	20.5
4 21	16 3.22	−29 24.2	1.985	2.871	11.4	20.3
5 1	15 55.61	−30 17.0	1.925	2.873	8.3	20.1
5 11	15 46.16	−30 58.6	1.889	2.876	5.3	19.9
5 21	15 35.81	−31 27.2	1.881	2.879	4.1	19.8
5 31	15 25.69	−31 42.8	1.900	2.883	6.2	20.0
6 10	15 16.90	−31 48.1	1.946	2.886	9.3	20.2
6 20	15 10.23	−31 47.1	2.015	2.890	12.3	20.4

484549 2008 GW_{73} 5 17.8 321°.35 1°.2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.77	−14 22.4	3.960	4.779	7.6	21.0
4 21	15 53.08	−14 14.0	3.868	4.775	5.8	20.9
5 1	15 48.38	−14 4.7	3.803	4.770	3.8	20.7
5 11	15 43.00	−13 55.6	3.765	4.766	1.8	20.6
5 21	15 37.32	−13 47.7	3.757	4.762	1.5	20.6
5 31	15 31.78	−13 42.3	3.778	4.758	3.5	20.7
6 10	15 26.77	−13 40.4	3.827	4.754	5.5	20.8
6 20	15 22.62	−13 42.8	3.902	4.751	7.4	21.0

334389 2002 CM_{83} 5 17.8 7°.71 10°.2/22.4 18

4 11	16 8.23	−40 46.8	1.509	2.289	19.5	19.8
4 21	16 4.55	−42 8.0	1.437	2.290	16.8	19.6
5 1	15 57.18	−43 8.6	1.382	2.292	14.0	19.4
5 11	15 46.99	−43 41.7	1.347	2.294	11.5	19.3
5 21	15 35.41	−43 42.8	1.334	2.297	10.2	19.2
5 31	15 24.31	−43 12.8	1.344	2.301	11.0	19.2
6 10	15 15.42	−42 18.6	1.376	2.305	13.2	19.4
6 20	15 9.83	−41 10.0	1.428	2.311	16.0	19.6

275168 2009 WC_{24} 5 17.8 192°.36 0°.4/17.6 18

4 11	16 7.23	−19 7.0	2.251	3.068	12.7	21.4
4 21	16 1.88	−19 0.8	2.162	3.067	9.8	21.2
5 1	15 54.46	−18 49.7	2.097	3.065	6.4	21.0
5 11	15 45.61	−18 34.5	2.058	3.062	2.6	20.8
5 21	15 36.11	−18 16.8	2.048	3.059	1.4	20.7
5 31	15 26.89	−17 59.0	2.067	3.055	5.2	20.9
6 10	15 18.80	−17 44.0	2.113	3.050	8.8	21.1
6 20	15 12.50	−17 34.2	2.183	3.045	12.0	21.3

117191 2004 RY_{139} 5 17.8 262°.90 8°.7/10.0 18

4 11	15 59.97	+ 6 7.6	2.452	3.260	12.0	19.7
4 21	15 56.03	+ 7 37.8	2.389	3.258	10.4	19.6
5 1	15 50.50	+ 8 58.6	2.349	3.256	9.1	19.5
5 11	15 43.92	+10 4.2	2.334	3.254	8.7	19.5
5 21	15 36.92	+10 50.4	2.344	3.252	9.3	19.5
5 31	15 30.19	+11 14.3	2.378	3.250	10.7	19.6
6 10	15 24.37	+11 15.5	2.435	3.248	12.4	19.7
6 20	15 19.95	+10 55.8	2.510	3.246	14.1	19.9

519055 2010 KM_{84} 5 17.8 55°.35 3°.2/20.4 18

4 11	16 3.94	−32 40.9	2.263	3.053	13.5	20.8
4 21	15 59.42	−32 11.8	2.179	3.057	10.8	20.6
5 1	15 52.83	−31 27.1	2.116	3.062	7.8	20.4
5 11	15 44.90	−30 26.9	2.079	3.067	4.8	20.2
5 21	15 36.48	−29 13.7	2.070	3.072	3.2	20.1
5 31	15 28.53	−27 51.7	2.089	3.078	5.1	20.3
6 10	15 21.87	−26 27.0	2.136	3.083	8.2	20.5
6 20	15 17.06	−25 5.4	2.207	3.088	11.1	20.7

228259 1999 PL_{3} 5 17.8 141°.80 4°.8/14.3 17

4 11	16 5.15	− 3 27.6	2.840	3.650	10.5	21.5
4 21	15 59.60	− 2 44.1	2.775	3.667	8.4	21.4
5 1	15 52.63	− 2 4.6	2.735	3.682	6.2	21.3
5 11	15 44.75	− 1 32.5	2.723	3.696	4.9	21.2
5 21	15 36.56	− 1 10.2	2.740	3.710	5.2	21.3
5 31	15 28.70	− 0 59.8	2.785	3.723	6.9	21.4
6 10	15 21.74	− 1 1.8	2.857	3.735	8.9	21.5
6 20	15 16.11	− 1 15.9	2.952	3.746	10.9	21.7

51980 2001 RN_{147} 5 17.8 163°.97 1°.3/17.1 18

4 11	16 5.32	−15 20.1	2.415	3.236	11.8	18.6
4 21	16 0.21	−15 19.3	2.332	3.239	9.0	18.4
5 1	15 53.28	−15 16.7	2.273	3.241	5.9	18.2
5 11	15 45.10	−15 13.5	2.241	3.244	2.6	18.0
5 21	15 36.37	−15 11.2	2.238	3.246	1.9	17.9
5 31	15 27.92	−15 11.4	2.263	3.247	5.1	18.2
6 10	15 20.50	−15 15.8	2.316	3.249	8.4	18.4
6 20	15 14.66	−15 25.8	2.393	3.250	11.2	18.5

93634 2000 UP_{79} 5 17.8 256°.63 0°.4/17.5 18

4 11	16 5.10	−23 42.9	1.974	2.795	14.1	19.5
4 21	16 0.57	−22 33.1	1.876	2.782	10.9	19.3
5 1	15 53.75	−21 8.9	1.802	2.770	7.1	19.0
5 11	15 45.35	−19 32.8	1.754	2.758	2.9	18.7
5 21	15 36.26	−17 50.0	1.734	2.745	1.6	18.6
5 31	15 27.53	−16 7.3	1.744	2.732	6.0	18.9
6 10	15 20.12	−14 32.0	1.780	2.718	10.1	19.1
6 20	15 14.70	−13 9.9	1.841	2.705	13.8	19.3

464761 2003 SQ_{400} 5 17.8 232°.84 1°.1/17.4 17

4 11	16 10.48	−16 16.7	1.909	2.732	14.4	21.7
4 21	16 4.90	−16 21.5	1.812	2.719	11.2	21.5
5 1	15 56.75	−16 23.8	1.737	2.706	7.3	21.2
5 11	15 46.68	−16 24.6	1.689	2.692	3.1	20.9
5 21	15 35.61	−16 24.9	1.668	2.677	2.0	20.8
5 31	15 24.71	−16 26.7	1.675	2.662	6.3	21.0
6 10	15 15.11	−16 32.6	1.709	2.646	10.6	21.2
6 20	15 7.63	−16 44.5	1.766	2.629	14.3	21.4

238692 2005 EA_{269} 5 17.8 0°.69 3°.4/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.46	−14 20.1	1.849	2.693	13.9	20.5
4 21	15 57.73	−13 15.0	1.773	2.692	10.7	20.3
5 1	15 51.86	−12 5.1	1.720	2.692	7.1	20.1
5 11	15 44.55	−10 54.8	1.693	2.692	3.9	19.9
5 21	15 36.66	− 9 49.4	1.692	2.692	4.1	19.9
5 31	15 29.16	− 8 54.2	1.717	2.693	7.4	20.1
6 10	15 22.92	− 8 13.1	1.768	2.693	11.0	20.3
6 20	15 18.56	− 7 48.1	1.840	2.694	14.2	20.5

90710 1990 TF_{6} 5 17.8 182°.94 3°.3/20.3 18

4 11	16 8.31	−32 18.9	2.880	3.648	11.4	20.7
4 21	16 2.43	−32 28.5	2.784	3.649	9.2	20.5
5 1	15 54.70	−32 27.3	2.712	3.649	6.8	20.4
5 11	15 45.69	−32 14.1	2.667	3.648	4.4	20.2
5 21	15 36.13	−31 49.1	2.651	3.647	3.4	20.2
5 31	15 26.84	−31 14.1	2.664	3.644	4.8	20.2
6 10	15 18.60	−30 32.6	2.706	3.642	7.2	20.4
6 20	15 11.96	−29 48.6	2.773	3.638	9.6	20.6

474785 2005 QX_{139} 5 17.8 193°.66 1°.9/19.1 17

4 11	16 4.47	−26 41.9	2.763	3.560	11.1	22.4
4 21	15 59.52	−26 48.6	2.670	3.558	8.8	22.2
5 1	15 52.82	−26 47.3	2.601	3.556	6.1	22.0
5 11	15 44.92	−26 37.8	2.558	3.554	3.3	21.8
5 21	15 36.49	−26 20.6	2.544	3.551	2.0	21.7
5 31	15 28.28	−25 57.6	2.559	3.548	4.3	21.9
6 10	15 21.01	−25 31.6	2.602	3.545	7.1	22.0
6 20	15 15.25	−25 5.7	2.671	3.541	9.8	22.2

412888 2014 QM_{37} 5 17.8 348°.89 2°.2/16.9 16

4 11	16 4.19	−17 35.3	1.132	1.998	19.3	21.5
4 21	16 1.22	−17 3.7	1.063	1.994	14.9	21.2
5 1	15 54.85	−16 23.5	1.013	1.991	9.8	20.9
5 11	15 45.98	−15 38.5	0.984	1.989	4.2	20.5
5 21	15 35.99	−14 54.0	0.978	1.987	3.3	20.5
5 31	15 26.55	−14 16.4	0.995	1.985	8.8	20.8
6 10	15 19.16	−13 51.6	1.033	1.985	14.1	21.1
6 20	15 14.78	−13 42.9	1.089	1.985	18.8	21.3

429654 2011 GR_{27} 5 17.8 81°.62 3°.4/16.6 15

4 11	16 8.61	−10 5.4	1.783	2.615	14.8	21.2
4 21	16 3.19	−10 6.9	1.716	2.627	11.5	21.0
5 1	15 55.41	−10 11.1	1.671	2.638	7.7	20.8
5 11	15 46.02	−10 20.2	1.651	2.650	4.2	20.6
5 21	15 36.00	−10 35.7	1.659	2.661	3.9	20.6
5 31	15 26.46	−10 58.9	1.694	2.672	7.2	20.8
6 10	15 18.37	−11 30.5	1.754	2.684	10.8	21.0
6 20	15 12.40	−12 10.2	1.837	2.695	14.1	21.3

210430 2008 WO_{79} 5 17.8 102°.82 2°.4/16.5 17

4 11	16 3.90	−14 46.0	1.993	2.827	13.4	20.7
4 21	15 59.43	−14 13.4	1.918	2.832	10.3	20.5
5 1	15 52.90	−13 37.7	1.866	2.837	6.7	20.3
5 11	15 44.97	−13 1.6	1.840	2.842	3.3	20.1
5 21	15 36.49	−12 28.6	1.841	2.846	3.0	20.1
5 31	15 28.39	−12 1.9	1.870	2.851	6.4	20.3
6 10	15 21.52	−11 44.5	1.924	2.856	9.9	20.5
6 20	15 16.48	−11 37.9	2.002	2.860	13.0	20.8

504997 2011 JQ_{31} 5 17.8 347°.01 12°.2/12.3 17

4 11	15 58.87	+ 3 27.1	1.251	2.108	18.4	19.6
4 21	15 56.68	+ 4 45.7	1.187	2.095	15.7	19.3
5 1	15 51.66	+ 5 50.3	1.142	2.084	13.3	19.2
5 11	15 44.62	+ 6 30.8	1.117	2.074	12.2	19.1
5 21	15 36.64	+ 6 39.5	1.112	2.065	12.9	19.1
5 31	15 29.07	+ 6 12.6	1.128	2.058	15.2	19.2
6 10	15 23.12	+ 5 11.5	1.162	2.053	18.1	19.3
6 20	15 19.62	+ 3 41.7	1.213	2.049	21.1	19.5

360017 2013 AU_{10} 5 17.8 172°.87 4°.3/15.0 18

4 11	16 2.13	− 6 51.4	2.448	3.276	11.5	20.8
4 21	15 57.69	− 6 15.3	2.371	3.276	9.0	20.7
5 1	15 51.60	− 5 41.6	2.318	3.277	6.4	20.5
5 11	15 44.41	− 5 13.6	2.291	3.278	4.5	20.4
5 21	15 36.76	− 4 54.1	2.292	3.278	4.8	20.4
5 31	15 29.39	− 4 45.6	2.321	3.278	6.9	20.5
6 10	15 22.96	− 4 49.1	2.375	3.279	9.5	20.7
6 20	15 17.97	− 5 4.7	2.452	3.279	12.0	20.9

253481 2003 SY_{73} 5 17.8 168°.32 4°.0/15.4 17

4 11	16 6.35	−12 46.7	1.753	2.591	14.8	20.7
4 21	16 1.54	−11 41.2	1.679	2.594	11.4	20.5
5 1	15 54.38	−10 32.1	1.628	2.597	7.7	20.3
5 11	15 45.61	− 9 24.2	1.602	2.599	4.5	20.1
5 21	15 36.22	− 8 23.0	1.603	2.601	4.8	20.1
5 31	15 27.27	− 7 33.8	1.631	2.602	8.1	20.3
6 10	15 19.76	− 7 0.4	1.684	2.603	11.8	20.5
6 20	15 14.34	− 6 44.2	1.758	2.603	15.1	20.7

402391 2005 YL_{79} 5 17.8 261°.27 1°.8/18.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.59	−24 55.1	1.502	2.332	17.3	22.0
4 21	16 4.29	−24 52.3	1.408	2.316	13.7	21.8
5 1	15 56.79	−24 36.9	1.334	2.300	9.3	21.5
5 11	15 46.83	−24 8.1	1.283	2.284	4.5	21.1
5 21	15 35.60	−23 27.2	1.257	2.267	2.2	20.9
5 31	15 24.60	−22 38.3	1.257	2.250	7.0	21.2
6 10	15 15.31	−21 48.2	1.281	2.232	12.0	21.4
6 20	15 8.77	−21 3.7	1.326	2.215	16.6	21.6

224164 2005 QN_{93} 5 17.8 213°.40 0°.4/17.6 17

4 11	16 7.20	−19 29.0	2.032	2.854	13.7	21.7
4 21	16 2.13	−19 18.0	1.941	2.848	10.6	21.5
5 1	15 54.79	−19 1.0	1.874	2.842	6.9	21.2
5 11	15 45.83	−18 39.1	1.832	2.836	2.8	21.0
5 21	15 36.11	−18 14.2	1.818	2.828	1.5	20.9
5 31	15 26.67	−17 49.3	1.832	2.821	5.7	21.1
6 10	15 18.47	−17 27.8	1.873	2.813	9.6	21.3
6 20	15 12.24	−17 12.8	1.937	2.804	13.0	21.5

341601 2007 UW_{105} 5 17.8 258°.08 0°.9/16.9 18

4 11	15 58.50	−17 38.4	3.487	4.304	8.6	21.2
4 21	15 54.58	−17 7.3	3.385	4.290	6.6	21.0
5 1	15 49.46	−16 32.5	3.308	4.276	4.2	20.8
5 11	15 43.51	−15 55.5	3.259	4.262	1.8	20.6
5 21	15 37.20	−15 18.1	3.240	4.248	1.4	20.6
5 31	15 31.04	−14 42.5	3.250	4.233	3.8	20.7
6 10	15 25.50	−14 10.9	3.289	4.218	6.3	20.9
6 20	15 20.98	−13 45.0	3.353	4.204	8.5	21.0

122592 2000 RE_{29} 5 17.8 317°.33 4°.2/12.2 18

4 11	15 54.90	− 0 57.1	4.170	4.984	7.4	19.1
4 21	15 51.60	+ 0 4.1	4.093	4.981	6.0	19.0
5 1	15 47.40	+ 1 2.1	4.043	4.978	4.8	18.9
5 11	15 42.63	+ 1 54.3	4.020	4.975	4.2	18.9
5 21	15 37.63	+ 2 38.5	4.025	4.972	4.6	18.9
5 31	15 32.76	+ 3 12.7	4.059	4.970	5.7	19.0
6 10	15 28.37	+ 3 36.1	4.118	4.967	7.1	19.1
6 20	15 24.77	+ 3 48.3	4.200	4.964	8.4	19.2

404157 2013 CJ_{50} 5 17.8 34°.79 6°.9/20.6 17

4 11	16 10.42	−33 22.7	1.327	2.142	19.9	20.4
4 21	16 6.21	−34 12.2	1.254	2.143	16.4	20.1
5 1	15 58.26	−34 43.5	1.199	2.145	12.5	19.9
5 11	15 47.46	−34 51.5	1.166	2.147	8.7	19.7
5 21	15 35.35	−34 33.6	1.155	2.149	6.9	19.6
5 31	15 23.81	−33 52.6	1.168	2.151	8.9	19.7
6 10	15 14.55	−32 56.6	1.203	2.153	12.8	19.9
6 20	15 8.64	−31 55.5	1.259	2.156	16.7	20.2

192907 1999 XU_{213} 5 17.8 93°.63 4°.0/15.7 17

4 11	16 5.64	− 9 15.1	2.034	2.865	13.3	20.3
4 21	16 0.56	− 8 44.0	1.973	2.882	10.3	20.1
5 1	15 53.51	− 8 14.6	1.935	2.899	7.1	20.0
5 11	15 45.21	− 7 50.3	1.923	2.916	4.4	19.8
5 21	15 36.47	− 7 34.0	1.938	2.932	4.5	19.9
5 31	15 28.19	− 7 28.0	1.980	2.949	7.1	20.1
6 10	15 21.16	− 7 33.7	2.048	2.965	10.2	20.3
6 20	15 15.93	− 7 50.9	2.139	2.980	13.0	20.5

15338 Dufault 5 17.8 28°.41 1°.2/17.3 18 R

4 11	16 3.46	−17 24.4	1.760	2.600	14.7	18.4
4 21	15 59.41	−17 12.0	1.689	2.606	11.2	18.2
5 1	15 53.05	−16 55.1	1.640	2.613	7.3	18.0
5 11	15 45.10	−16 35.5	1.616	2.620	3.1	17.7
5 21	15 36.51	−16 15.9	1.618	2.628	2.1	17.7
5 31	15 28.35	−15 59.3	1.647	2.636	6.2	18.0
6 10	15 21.58	−15 48.8	1.701	2.644	10.1	18.2
6 20	15 16.87	−15 46.6	1.777	2.653	13.6	18.5

477849 2011 FH_{152} 5 17.8 240°.63 3°.6/18.0 16

4 11	16 23.56	−19 29.6	1.043	1.882	22.6	21.1
4 21	16 17.86	−21 12.3	0.957	1.870	18.1	20.8
5 1	16 7.04	−23 1.6	0.889	1.857	12.5	20.4
5 11	15 51.64	−24 50.8	0.843	1.844	6.3	20.0
5 21	15 33.24	−26 29.9	0.821	1.829	4.2	19.9
5 31	15 14.47	−27 51.2	0.824	1.814	10.3	20.1
6 10	14 58.22	−28 54.2	0.849	1.798	16.8	20.4
6 20	14 46.49	−29 44.4	0.893	1.781	22.6	20.7

58847 1998 HO_{68} 5 17.8 223°.39 1°.1/18.6 18

4 11	16 3.61	−24 21.2	2.534	3.342	11.7	19.0
4 21	15 59.00	−24 13.3	2.440	3.337	9.1	18.8
5 1	15 52.57	−23 57.4	2.369	3.331	6.1	18.6
5 11	15 44.87	−23 34.0	2.325	3.325	2.9	18.3
5 21	15 36.61	−23 4.5	2.309	3.319	1.4	18.2
5 31	15 28.58	−22 31.3	2.322	3.312	4.5	18.4
6 10	15 21.56	−21 57.7	2.362	3.306	7.7	18.6
6 20	15 16.09	−21 27.0	2.428	3.299	10.6	18.8

304955 2007 TM_{51} 5 17.8 168°.03 0°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.51	−20 9.0	2.107	2.922	13.5	21.8
4 21	16 3.68	−19 47.8	2.025	2.928	10.4	21.6
5 1	15 55.67	−19 19.5	1.966	2.933	6.8	21.4
5 11	15 46.15	−18 45.7	1.934	2.937	2.8	21.2
5 21	15 36.04	−18 8.8	1.930	2.941	1.5	21.1
5 31	15 26.32	−17 32.0	1.956	2.943	5.5	21.3
6 10	15 17.92	−16 59.4	2.008	2.945	9.2	21.6
6 20	15 11.46	−16 34.0	2.085	2.945	12.5	21.8

93705 2000 VP_{30} 5 17.8 200°.29 2°.3/16.4 18

4 11	16 5.15	−14 38.5	2.262	3.087	12.3	20.8
4 21	16 0.23	−14 4.4	2.175	3.084	9.5	20.6
5 1	15 53.39	−13 27.0	2.111	3.080	6.2	20.3
5 11	15 45.21	−12 49.0	2.075	3.076	3.1	20.1
5 21	15 36.46	−12 13.3	2.067	3.071	2.9	20.1
5 31	15 27.99	−11 43.1	2.087	3.065	6.0	20.3
6 10	15 20.60	−11 21.3	2.134	3.060	9.3	20.5
6 20	15 14.88	−11 9.8	2.204	3.053	12.3	20.7

153825 2001 WX_{48} 5 17.8 286°.39 0°.7/18.2 17

4 11	16 5.47	−22 42.5	1.726	2.556	15.4	20.7
4 21	16 1.22	−22 32.1	1.643	2.553	11.9	20.4
5 1	15 54.39	−22 12.1	1.581	2.549	7.9	20.2
5 11	15 45.72	−21 43.2	1.543	2.546	3.5	19.9
5 21	15 36.22	−21 7.7	1.531	2.542	1.5	19.8
5 31	15 27.09	−20 29.3	1.547	2.539	6.0	20.0
6 10	15 19.45	−19 53.0	1.587	2.536	10.4	20.3
6 20	15 14.05	−19 23.3	1.650	2.532	14.2	20.5

29818 Aryosorayya 5 17.9 94°.35 1°.9/16.8 18

4 11	16 8.66	−18 32.2	1.464	2.305	17.1	18.1
4 21	16 3.61	−17 39.8	1.405	2.323	13.0	17.9
5 1	15 55.80	−16 39.0	1.368	2.341	8.4	17.7
5 11	15 46.21	−15 33.9	1.354	2.358	3.6	17.5
5 21	15 36.06	−14 29.9	1.367	2.375	2.9	17.5
5 31	15 26.65	−13 33.3	1.406	2.392	7.4	17.8
6 10	15 19.08	−12 49.2	1.469	2.408	11.8	18.1
6 20	15 14.02	−12 20.5	1.554	2.424	15.5	18.3

158508 2002 EG_{94} 5 17.9 23°.03 0°.6/17.6 17

4 11	16 4.93	−19 3.3	1.714	2.551	15.1	20.2
4 21	16 0.69	−18 51.5	1.637	2.553	11.7	20.0
5 1	15 53.97	−18 33.5	1.583	2.554	7.6	19.8
5 11	15 45.52	−18 10.9	1.552	2.556	3.1	19.5
5 21	15 36.33	−17 46.0	1.548	2.558	1.7	19.4
5 31	15 27.54	−17 22.4	1.570	2.561	6.2	19.7
6 10	15 20.21	−17 3.9	1.618	2.563	10.4	20.0
6 20	15 15.06	−16 53.3	1.687	2.566	14.1	20.2

96232 1993 TU_{39} 5 17.9 100°.08 0°.7/17.5 18

4 11	16 10.95	−18 22.0	1.583	2.415	16.4	20.3
4 21	16 5.26	−18 16.7	1.522	2.434	12.6	20.1
5 1	15 56.87	−18 5.8	1.482	2.452	8.1	19.9
5 11	15 46.67	−17 50.8	1.467	2.471	3.3	19.6
5 21	15 35.84	−17 33.9	1.478	2.488	1.9	19.6
5 31	15 25.68	−17 18.2	1.516	2.506	6.5	19.9
6 10	15 17.29	−17 7.5	1.580	2.523	10.8	20.2
6 20	15 11.37	−17 4.2	1.666	2.539	14.5	20.4

239004 2006 DT_5 5 17.9 272°.19 5°.4/14.6 17

4 11	16 4.08	− 7 40.4	1.968	2.804	13.5	20.8
4 21	15 59.81	− 6 44.0	1.872	2.782	10.7	20.6
5 1	15 53.36	− 5 47.7	1.799	2.761	7.7	20.3
5 11	15 45.29	− 4 56.3	1.752	2.739	5.6	20.2
5 21	15 36.42	− 4 14.6	1.731	2.717	6.0	20.1
5 31	15 27.71	− 3 47.1	1.736	2.694	8.8	20.2
6 10	15 20.10	− 3 36.4	1.766	2.672	12.1	20.4
6 20	15 14.31	− 3 43.3	1.817	2.649	15.3	20.6

16870 1998 BB 5 17.9 207°.23 0°.9/18.3 18

4 11	16 9.91	−22 24.6	1.817	2.637	15.1	18.8
4 21	16 4.58	−22 26.4	1.728	2.632	11.8	18.6
5 1	15 56.59	−22 20.0	1.661	2.627	7.9	18.4
5 11	15 46.65	−22 5.4	1.619	2.621	3.5	18.1
5 21	15 35.80	−21 43.7	1.604	2.615	1.6	17.9
5 31	15 25.27	−21 17.7	1.617	2.608	6.0	18.2
6 10	15 16.20	−20 52.0	1.655	2.600	10.3	18.4
6 20	15 9.42	−20 30.6	1.717	2.592	14.1	18.6

288243 2003 YP_{100} 5 17.9 203°.76 0°.8/17.4 17

4 11	16 8.11	−19 6.9	2.022	2.843	13.8	22.1
4 21	16 2.82	−18 42.5	1.932	2.838	10.6	21.9
5 1	15 55.24	−18 11.4	1.864	2.833	6.9	21.6
5 11	15 46.04	−17 35.2	1.823	2.827	2.9	21.4
5 21	15 36.11	−16 56.6	1.810	2.820	1.8	21.3
5 31	15 26.48	−16 19.2	1.826	2.813	5.9	21.5
6 10	15 18.14	−15 47.0	1.868	2.804	9.8	21.7
6 20	15 11.78	−15 23.3	1.933	2.796	13.3	21.9

370924 2005 NE_{72} 5 17.9 277.°98 1.°2/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.38	−18 23.3	1.654	2.493	15.5	21.5
4 21	16 1.31	−18 0.0	1.563	2.480	12.0	21.3
5 1	15 54.57	−17 29.6	1.493	2.466	7.9	21.0
5 11	15 45.85	−16 54.1	1.448	2.452	3.3	20.7
5 21	15 36.17	−16 16.7	1.429	2.438	2.2	20.6
5 31	15 26.74	−15 41.7	1.436	2.424	6.9	20.8
6 10	15 18.75	−15 13.8	1.467	2.411	11.5	21.0
6 20	15 13.04	−14 56.5	1.520	2.397	15.5	21.3

311201 2004 XL_{105} 5 17.9 101.°55 4.°7/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.93	−36 46.4	1.564	2.352	18.6	20.5
4 21	16 6.35	−35 55.1	1.490	2.365	15.2	20.3
5 1	15 57.66	−34 37.0	1.436	2.377	11.2	20.1
5 11	15 46.99	−32 51.5	1.405	2.390	7.1	19.9
5 21	15 35.76	−30 43.2	1.401	2.402	4.7	19.7
5 31	15 25.51	−28 21.5	1.424	2.414	6.8	19.9
6 10	15 17.43	−25 58.9	1.474	2.425	10.8	20.1
6 20	15 12.19	−23 46.5	1.548	2.436	14.6	20.4

506452 2001 UH_{155} 5 17.9 218.°34 1.°1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.96	−15 6.3	2.935	3.746	10.2	22.1
4 21	16 0.51	−15 9.2	2.835	3.736	7.8	21.9
5 1	15 53.44	−15 10.9	2.759	3.725	5.1	21.7
5 11	15 45.25	−15 12.1	2.712	3.715	2.3	21.5
5 21	15 36.50	−15 13.9	2.695	3.703	1.7	21.4
5 31	15 27.89	−15 17.6	2.708	3.691	4.5	21.6
6 10	15 20.08	−15 24.5	2.750	3.679	7.4	21.8
6 20	15 13.59	−15 35.7	2.817	3.665	10.0	21.9

102591 1999 UP_{57} 5 17.9 341.°02 0.°1/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.15	−20 25.2	1.071	1.938	20.1	20.3
4 21	16 1.59	−20 24.6	1.000	1.930	15.7	20.0
5 1	15 55.36	−20 14.3	0.946	1.924	10.4	19.7
5 11	15 46.34	−19 55.3	0.913	1.918	4.4	19.3
5 21	15 35.97	−19 30.4	0.902	1.913	2.0	19.1
5 31	15 26.07	−19 4.4	0.914	1.909	8.3	19.5
6 10	15 18.35	−18 43.7	0.946	1.906	14.1	19.8
6 20	15 13.88	−18 33.1	0.996	1.904	19.1	20.1

426897 2013 WT_{59} 5 17.9 83.°32 3.°4/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.40	−10 55.3	1.849	2.684	14.3	20.8
4 21	16 1.48	−10 41.9	1.779	2.692	11.0	20.6
5 1	15 54.32	−10 29.7	1.732	2.700	7.4	20.4
5 11	15 45.64	−10 21.3	1.710	2.708	4.1	20.2
5 21	15 36.35	−10 19.1	1.714	2.716	3.9	20.2
5 31	15 27.48	−10 25.2	1.746	2.724	7.1	20.4
6 10	15 19.96	−10 41.1	1.803	2.731	10.6	20.6
6 20	15 14.43	−11 6.8	1.883	2.739	13.8	20.9

336144 2008 QG_{23} 5 17.9 157.°28 0.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.65	−21 50.8	2.448	3.259	12.0	21.2
4 21	16 0.45	−21 20.9	2.365	3.266	9.2	21.1
5 1	15 53.43	−20 43.5	2.307	3.273	6.0	20.9
5 11	15 45.22	−20 0.0	2.276	3.279	2.5	20.6
5 21	15 36.56	−19 12.9	2.274	3.285	1.1	20.5
5 31	15 28.25	−18 25.6	2.302	3.290	4.7	20.8
6 10	15 21.04	−17 41.8	2.357	3.295	8.0	21.0
6 20	15 15.45	−17 4.5	2.437	3.299	10.9	21.2

349479 2008 DW_{42} 5 17.9 162.°95 0.°7/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.68	−18 6.1	2.541	3.360	11.3	22.5
4 21	15 58.93	−17 52.5	2.458	3.363	8.7	22.3
5 1	15 52.46	−17 34.8	2.398	3.366	5.6	22.1
5 11	15 44.84	−17 14.4	2.366	3.369	2.3	21.9
5 21	15 36.75	−16 53.1	2.362	3.371	1.5	21.8
5 31	15 28.92	−16 33.1	2.387	3.373	4.7	22.0
6 10	15 22.07	−16 17.0	2.439	3.375	7.9	22.2
6 20	15 16.71	−16 6.6	2.516	3.377	10.6	22.4

83669 2001 TV_{29} 5 17.9 30.°37 5.°9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.07	−33 15.6	1.875	2.668	15.8	19.0
4 21	16 3.36	−34 13.6	1.800	2.675	13.0	18.8
5 1	15 55.88	−34 58.4	1.746	2.682	9.9	18.6
5 11	15 46.41	−35 26.3	1.715	2.690	7.1	18.4
5 21	15 36.01	−35 35.4	1.710	2.698	5.9	18.4
5 31	15 25.98	−35 26.8	1.731	2.707	7.3	18.5
6 10	15 17.55	−35 4.8	1.777	2.716	10.1	18.7
6 20	15 11.53	−34 35.4	1.846	2.725	13.0	18.9

507336 2011 UO_{22} 5 17.9 155.°43 1.°0/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.33	−24 42.3	2.659	3.465	11.3	22.3
4 21	15 58.63	−24 25.7	2.574	3.469	8.8	22.1
5 1	15 52.25	−24 1.1	2.512	3.474	5.8	22.0
5 11	15 44.75	−23 29.1	2.477	3.477	2.7	21.8
5 21	15 36.80	−22 51.4	2.471	3.481	1.3	21.7
5 31	15 29.14	−22 10.7	2.494	3.484	4.2	21.9
6 10	15 22.48	−21 30.5	2.545	3.488	7.2	22.1
6 20	15 17.30	−20 53.7	2.621	3.490	10.0	22.3

374274 2005 NF_{31} 5 17.9 280.°75 0.°8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.59	−23 12.7	1.740	2.567	15.4	21.3
4 21	16 2.40	−23 0.8	1.633	2.541	12.1	21.0
5 1	15 55.43	−22 38.2	1.548	2.515	8.2	20.7
5 11	15 46.31	−22 4.9	1.486	2.489	3.7	20.4
5 21	15 36.01	−21 22.8	1.451	2.462	1.6	20.2
5 31	15 25.80	−20 35.7	1.442	2.435	6.4	20.4
6 10	15 16.94	−19 49.3	1.459	2.407	11.1	20.6
6 20	15 10.40	−19 9.0	1.498	2.379	15.4	20.8

380841 2006 AG_{68} 5 17.9 200.°79 6.°2/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.44	−40 34.5	2.528	3.263	13.6	21.9
4 21	16 5.41	−40 54.2	2.429	3.258	11.6	21.7
5 1	15 56.95	−40 57.4	2.352	3.253	9.3	21.5
5 11	15 46.78	−40 41.3	2.299	3.247	7.3	21.4
5 21	15 35.86	−40 4.8	2.272	3.241	6.2	21.3
5 31	15 25.28	−39 9.7	2.273	3.233	6.9	21.3
6 10	15 16.10	−38 1.0	2.301	3.225	8.8	21.5
6 20	15 9.02	−36 44.9	2.354	3.216	11.2	21.6

276049 2002 CE_{26} 5 17.9 239.°67 15.°3/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.87	+35 50.2	2.667	3.280	15.4	22.4
4 21	16 7.18	+38 7.0	2.618	3.256	15.3	22.3
5 1	15 58.13	+40 0.8	2.586	3.229	15.4	22.3
5 11	15 47.31	+41 23.9	2.573	3.202	15.8	22.2
5 21	15 35.59	+42 11.5	2.575	3.172	16.4	22.2
5 31	15 23.99	+42 21.5	2.592	3.141	17.2	22.3
6 10	15 13.54	+41 55.6	2.621	3.109	17.9	22.3
6 20	15 5.01	+40 58.1	2.659	3.075	18.7	22.3

344482 2002 PN_{184} 5 17.9 232.°59 3.°7/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.47	−10 54.3	2.120	2.953	12.8	21.2
4 21	15 59.08	−10 13.6	2.037	2.949	9.9	21.0
5 1	15 52.72	− 9 32.3	1.977	2.944	6.8	20.8
5 11	15 45.00	− 8 53.7	1.943	2.939	4.1	20.7
5 21	15 36.69	− 8 21.3	1.937	2.934	4.2	20.7
5 31	15 28.65	− 7 58.6	1.958	2.928	7.0	20.8
6 10	15 21.72	− 7 47.7	2.004	2.923	10.3	21.0
6 20	15 16.49	− 7 49.6	2.073	2.917	13.2	21.2

138793 2000 SV_{368} 5 17.9 304.°80 0.°1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.00	−20 9.2	1.981	2.812	13.6	20.3
4 21	15 59.15	−20 1.3	1.880	2.792	10.6	20.1
5 1	15 53.03	−19 47.1	1.802	2.772	7.0	19.8
5 11	15 45.22	−19 27.3	1.749	2.753	2.9	19.5
5 21	15 36.55	−19 3.9	1.723	2.734	1.4	19.4
5 31	15 28.03	−18 39.7	1.724	2.715	5.7	19.6
6 10	15 20.66	−18 18.3	1.750	2.696	9.8	19.8
6 20	15 15.19	−18 3.0	1.800	2.677	13.4	20.0

274056 2007 TP_{24} 5 17.9 201.°38 0.°8/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.99	−17 13.2	3.638	4.452	8.3	21.6
4 21	15 54.89	−16 57.0	3.546	4.450	6.3	21.5
5 1	15 49.65	−16 38.0	3.479	4.447	4.1	21.3
5 11	15 43.65	−16 17.6	3.441	4.444	1.7	21.1
5 21	15 37.32	−15 57.1	3.432	4.440	1.2	21.1
5 31	15 31.15	−15 38.1	3.452	4.437	3.6	21.3
6 10	15 25.59	−15 22.1	3.501	4.433	5.9	21.4
6 20	15 21.02	−15 10.7	3.576	4.429	8.0	21.6

518871 2010 DV_{93} 5 17.9 240.°30 3.°8/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.06	−11 2.1	1.971	2.807	13.5	21.6
4 21	15 59.68	−10 22.9	1.889	2.803	10.5	21.4
5 1	15 53.18	− 9 42.9	1.831	2.798	7.1	21.2
5 11	15 45.21	− 9 5.8	1.798	2.794	4.3	21.0
5 21	15 36.59	− 8 35.3	1.792	2.789	4.4	21.0
5 31	15 28.29	− 8 14.9	1.812	2.784	7.4	21.1
6 10	15 21.17	− 8 6.8	1.858	2.780	10.8	21.3
6 20	15 15.88	− 8 12.1	1.927	2.775	13.9	21.5

303697 2005 OJ_{16} 5 17.9 259.°88 1.°1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.82	−24 12.4	2.488	3.297	11.8	21.8
4 21	15 59.30	−24 3.0	2.384	3.281	9.3	21.6
5 1	15 52.88	−23 45.5	2.303	3.265	6.2	21.4
5 11	15 45.09	−23 20.2	2.248	3.248	2.9	21.1
5 21	15 36.63	−22 48.4	2.221	3.232	1.4	21.0
5 31	15 28.35	−22 12.6	2.224	3.214	4.6	21.2
6 10	15 21.04	−21 36.4	2.253	3.197	8.0	21.4
6 20	15 15.32	−21 3.1	2.308	3.179	11.1	21.5

308137 2004 YM_{8} 5 17.9 186.°37 0.°2/17.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.03	−21 2.0	1.788	2.612	15.2	22.0
4 21	16 3.81	−20 39.3	1.704	2.612	11.7	21.8
5 1	15 56.02	−20 7.8	1.643	2.612	7.7	21.5
5 11	15 46.42	−19 28.8	1.607	2.610	3.2	21.2
5 21	15 36.04	−18 45.2	1.598	2.609	1.5	21.1
5 31	15 26.08	−18 1.3	1.617	2.606	6.2	21.4
6 10	15 17.61	−17 21.9	1.661	2.603	10.4	21.6
6 20	15 11.40	−16 51.2	1.729	2.600	14.2	21.9

119884 2002 CJ_{241} 5 17.9 310.°74 9.°9/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.68	+ 6 10.7	2.128	2.944	13.3	19.3
4 21	15 56.18	+ 7 54.5	2.056	2.931	11.6	19.1
5 1	15 50.85	+ 9 28.8	2.008	2.917	10.3	19.0
5 11	15 44.23	+10 46.5	1.984	2.904	9.9	18.9
5 21	15 37.04	+11 41.8	1.984	2.892	10.7	19.0
5 31	15 30.10	+12 10.8	2.007	2.879	12.3	19.0
6 10	15 24.15	+12 12.7	2.051	2.867	14.3	19.2
6 20	15 19.79	+11 49.6	2.113	2.855	16.2	19.3

85812 1998 WR_{22} 5 17.9 165.°34 0.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.85	−19 11.5	2.553	3.368	11.4	20.6
4 21	15 59.80	−18 51.0	2.469	3.372	8.7	20.4
5 1	15 53.02	−18 25.4	2.409	3.377	5.7	20.2
5 11	15 45.08	−17 56.1	2.377	3.381	2.3	20.0
5 21	15 36.68	−17 25.1	2.374	3.384	1.4	19.9
5 31	15 28.57	−16 55.1	2.400	3.387	4.7	20.2
6 10	15 21.47	−16 28.8	2.453	3.389	7.8	20.4
6 20	15 15.89	−16 8.7	2.532	3.391	10.6	20.5

456165 2006 GA_{41} 5 17.9 34.°24 7.°3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.47	− 7 14.5	1.102	1.970	19.5	20.1
4 21	16 1.08	− 6 16.3	1.053	1.982	15.3	19.8
5 1	15 54.51	− 5 23.1	1.024	1.994	11.0	19.6
5 11	15 45.81	− 4 42.6	1.015	2.007	7.7	19.5
5 21	15 36.38	− 4 20.9	1.029	2.020	8.1	19.6
5 31	15 27.72	− 4 22.1	1.065	2.035	11.5	19.8
6 10	15 21.12	− 4 46.5	1.121	2.050	15.5	20.1
6 20	15 17.32	− 5 31.2	1.195	2.066	19.2	20.3

303758 2005 QU_{129} 5 17.9 216.°81 4.°0/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.60	−32 23.5	2.596	3.373	12.3	20.5
4 21	16 1.50	−32 52.5	2.501	3.369	10.0	20.4
5 1	15 54.34	−33 11.0	2.428	3.364	7.5	20.2
5 11	15 45.71	−33 17.1	2.381	3.359	5.1	20.0
5 21	15 36.37	−33 10.3	2.362	3.354	4.0	20.0
5 31	15 27.25	−32 51.7	2.370	3.349	5.4	20.0
6 10	15 19.19	−32 24.6	2.406	3.343	7.9	20.2
6 20	15 12.87	−31 53.0	2.467	3.338	10.5	20.3

502798 2015 DD_{107} 5 17.9 350.°61 8.°4/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.50	+ 0 20.7	1.659	2.492	15.7	20.6
4 21	16 1.05	+ 1 4.1	1.591	2.491	12.9	20.4
5 1	15 54.19	+ 1 37.3	1.544	2.489	10.2	20.3
5 11	15 45.66	+ 1 54.3	1.520	2.488	8.5	20.2
5 21	15 36.43	+ 1 50.8	1.521	2.487	8.9	20.2
5 31	15 27.60	+ 1 24.8	1.546	2.487	11.1	20.3
6 10	15 20.19	+ 0 37.1	1.594	2.486	14.0	20.5
6 20	15 14.89	− 0 29.4	1.662	2.486	16.8	20.7

383316 2006 HU_{82} 5 17.9 304.°50 0.°7/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.07	−20 24.6	1.871	2.705	14.2	20.9
4 21	15 59.15	−19 48.6	1.785	2.698	11.0	20.7
5 1	15 52.95	−19 3.7	1.720	2.692	7.1	20.5
5 11	15 45.15	−18 12.2	1.682	2.686	2.9	20.2
5 21	15 36.65	−17 17.6	1.669	2.680	1.7	20.1
5 31	15 28.48	−16 24.6	1.684	2.674	6.0	20.3
6 10	15 21.61	−15 38.2	1.725	2.668	10.1	20.6
6 20	15 16.72	−15 2.0	1.788	2.662	13.6	20.8

356340 2010 KS_{102} 5 17.9 270.°86 10.°9/ 6.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.86	+13 34.1	2.445	3.224	12.9	20.6
4 21	15 56.89	+15 21.9	2.379	3.210	11.7	20.5
5 1	15 51.22	+16 56.7	2.336	3.196	11.0	20.5
5 11	15 44.38	+18 11.8	2.317	3.182	11.0	20.4
5 21	15 37.01	+19 2.2	2.320	3.168	11.7	20.4
5 31	15 29.86	+19 25.0	2.345	3.154	12.9	20.5
6 10	15 23.61	+19 20.4	2.390	3.139	14.4	20.6
6 20	15 18.80	+18 50.5	2.452	3.125	15.8	20.7

209358 2004 DR_{44} 5 17.9 289.°98 5.°6/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.96	− 5 59.3	2.089	2.924	12.9	20.7
4 21	15 57.90	− 4 59.4	2.013	2.921	10.2	20.5
5 1	15 51.93	− 4 1.9	1.961	2.919	7.5	20.3
5 11	15 44.68	− 3 11.5	1.935	2.917	5.7	20.2
5 21	15 36.89	− 2 32.8	1.935	2.914	6.2	20.2
5 31	15 29.40	− 2 9.0	1.961	2.912	8.5	20.4
6 10	15 23.00	− 2 2.0	2.012	2.909	11.3	20.5
6 20	15 18.26	− 2 11.7	2.084	2.907	13.9	20.7

62462 2000 SO_{212} 5 17.9 256.°67 1.°9/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.02	−14 42.7	1.966	2.795	13.8	19.6
4 21	16 2.16	−14 36.9	1.871	2.782	10.7	19.4
5 1	15 54.96	−14 29.2	1.798	2.768	7.0	19.1
5 11	15 46.03	−14 21.3	1.751	2.753	3.2	18.8
5 21	15 36.23	−14 15.2	1.731	2.738	2.6	18.8
5 31	15 26.61	−14 13.1	1.739	2.723	6.4	19.0
6 10	15 18.17	−14 17.5	1.773	2.708	10.3	19.2
6 20	15 11.69	−14 29.9	1.830	2.693	13.9	19.4

178717 2000 SA_{260} 5 17.9 194.°13 1.°4/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.08	−23 19.2	2.697	3.497	11.3	20.4
4 21	16 1.60	−23 45.3	2.604	3.496	8.8	20.2
5 1	15 54.29	−24 6.2	2.534	3.494	5.9	20.0
5 11	15 45.67	−24 21.4	2.493	3.492	2.9	19.8
5 21	15 36.43	−24 30.6	2.480	3.489	1.6	19.7
5 31	15 27.37	−24 34.8	2.497	3.486	4.4	19.9
6 10	15 19.25	−24 36.0	2.543	3.483	7.4	20.1
6 20	15 12.67	−24 36.4	2.613	3.480	10.1	20.2

297092 2010 LB_{122} 5 17.9 275.°65 5.°1/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.85	−35 29.0	2.436	3.207	13.2	20.9
4 21	16 1.21	−35 55.0	2.333	3.192	11.0	20.7
5 1	15 54.31	−36 7.9	2.251	3.177	8.5	20.6
5 11	15 45.76	−36 5.5	2.193	3.163	6.2	20.4
5 21	15 36.37	−35 46.7	2.162	3.148	5.1	20.3
5 31	15 27.17	−35 13.0	2.158	3.133	6.2	20.3
6 10	15 19.12	−34 28.3	2.181	3.117	8.6	20.5
6 20	15 12.97	−33 37.6	2.228	3.102	11.3	20.6

478360 2011 YP_{8} 5 17.9 268.°80 0.°7/18.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.59	−24 31.3	2.383	3.196	12.2	21.3
4 21	15 58.38	−24 1.3	2.285	3.186	9.5	21.1
5 1	15 52.26	−23 21.4	2.211	3.175	6.3	20.9
5 11	15 44.84	−22 32.7	2.162	3.164	2.9	20.7
5 21	15 36.83	−21 37.5	2.142	3.153	1.2	20.5
5 31	15 29.07	−20 39.5	2.151	3.142	4.7	20.8
6 10	15 22.36	−19 43.1	2.187	3.131	8.2	20.9
6 20	15 17.28	−18 52.3	2.248	3.120	11.3	21.1

220433 2003 UC_{183} 5 17.9 199.°81 1.°7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.99	−26 24.5	3.040	3.836	10.2	21.1
4 21	15 58.29	−26 31.3	2.946	3.833	8.1	20.9
5 1	15 52.03	−26 31.2	2.876	3.831	5.6	20.8
5 11	15 44.70	−26 23.8	2.832	3.828	3.0	20.6
5 21	15 36.90	−26 9.7	2.818	3.825	1.8	20.5
5 31	15 29.28	−25 50.5	2.833	3.822	3.9	20.6
6 10	15 22.50	−25 28.7	2.876	3.818	6.5	20.8
6 20	15 17.04	−25 6.7	2.945	3.815	9.0	21.0

201536 2003 QG_{67} 5 17.9 271.°13 5.°0/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.76	−31 1.6	2.004	2.796	14.9	20.2
4 21	16 4.71	−31 54.4	1.905	2.783	12.2	20.0
5 1	15 56.89	−32 37.2	1.828	2.770	9.1	19.7
5 11	15 46.94	−33 6.3	1.775	2.756	6.2	19.5
5 21	15 35.82	−33 19.5	1.748	2.743	5.0	19.4
5 31	15 24.79	−33 16.9	1.749	2.729	6.9	19.5
6 10	15 15.11	−33 2.0	1.776	2.715	10.1	19.7
6 20	15 7.73	−32 39.9	1.825	2.701	13.3	19.8

215648 2003 UF_{78} 5 17.9 227.°67 1.°3/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.38	−24 51.9	1.841	2.658	15.1	21.0
4 21	16 3.45	−24 37.3	1.747	2.649	11.9	20.7
5 1	15 55.90	−24 11.2	1.675	2.639	8.0	20.5
5 11	15 46.44	−23 33.6	1.627	2.628	3.8	20.2
5 21	15 36.08	−22 46.5	1.607	2.617	1.7	20.0
5 31	15 26.03	−21 53.9	1.614	2.606	5.9	20.3
6 10	15 17.42	−21 1.6	1.647	2.594	10.2	20.5
6 20	15 11.06	−20 14.9	1.704	2.581	14.0	20.7

379242 2009 SW_{341} 5 17.9 269.°63 0.°7/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.44	−19 20.2	1.834	2.664	14.6	23.0
4 21	16 2.02	−19 1.0	1.731	2.643	11.4	22.7
5 1	15 55.04	−18 34.5	1.651	2.621	7.5	22.4
5 11	15 46.13	−18 2.0	1.596	2.600	3.1	22.1
5 21	15 36.21	−17 26.0	1.567	2.577	1.8	22.0
5 31	15 26.43	−16 50.4	1.566	2.555	6.4	22.2
6 10	15 17.92	−16 19.6	1.590	2.532	10.8	22.4
6 20	15 11.54	−15 57.4	1.637	2.509	14.8	22.6

140445 2001 TB_{116} 5 17.9 201.°74 1.°8/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.52	−25 41.6	2.842	3.635	10.9	20.5
4 21	16 1.12	−25 59.4	2.744	3.631	8.6	20.3
5 1	15 53.95	−26 10.6	2.671	3.626	5.9	20.1
5 11	15 45.53	−26 14.5	2.625	3.621	3.2	19.9
5 21	15 36.52	−26 11.2	2.609	3.615	1.9	19.8
5 31	15 27.68	−26 2.0	2.621	3.609	4.3	20.0
6 10	15 19.75	−25 49.1	2.663	3.603	7.1	20.1
6 20	15 13.29	−25 35.5	2.729	3.596	9.7	20.3

429653 2011 GF_{25} 5 17.9 343.°58 2.°4/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.48	−26 5.7	1.472	2.310	17.1	20.6
4 21	15 59.51	−26 7.5	1.390	2.302	13.5	20.3
5 1	15 53.61	−25 56.0	1.328	2.295	9.3	20.0
5 11	15 45.56	−25 30.8	1.288	2.288	4.8	19.8
5 21	15 36.50	−24 53.4	1.273	2.282	2.6	19.6
5 31	15 27.82	−24 8.1	1.283	2.277	6.6	19.8
6 10	15 20.82	−23 21.2	1.316	2.273	11.2	20.1
6 20	15 16.38	−22 38.9	1.370	2.270	15.4	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
34715 2001 PO_{12}			5 17.9 43°.50	8°.7/13.8 18		R
	h m	° ′			°	m
4 11	16 3.95	+ 3 0.4	1.855	2.679	14.7	17.4
4 21	15 59.48	+ 3 49.3	1.800	2.689	12.2	17.3
5 1	15 52.95	+ 4 26.5	1.768	2.701	10.0	17.1
5 11	15 45.09	+ 4 46.4	1.759	2.712	8.7	17.1
5 21	15 36.77	+ 4 45.5	1.774	2.724	9.1	17.1
5 31	15 28.92	+ 4 22.4	1.814	2.736	10.8	17.3
6 10	15 22.36	+ 3 38.4	1.877	2.749	13.1	17.4
6 20	15 17.65	+ 2 36.5	1.960	2.762	15.4	17.6
271764 2004 SZ_{31}			5 17.9 245°.35	3°.7/19.6 18		
4 11	16 8.40	−28 46.8	1.916	2.721	15.0	20.8
4 21	16 3.53	−29 18.1	1.827	2.716	12.1	20.6
5 1	15 56.00	−29 38.7	1.759	2.711	8.7	20.4
5 11	15 46.51	−29 46.4	1.715	2.706	5.3	20.2
5 21	15 36.07	−29 40.3	1.698	2.700	3.8	20.1
5 31	15 25.89	−29 22.1	1.708	2.695	6.2	20.2
6 10	15 17.15	−28 56.0	1.743	2.689	9.8	20.4
6 20	15 10.68	−28 27.3	1.802	2.684	13.2	20.6
67784 2000 UV_{89}			5 17.9 240°.81	4°.2/15.9 18		
4 11	16 7.97	−10 36.1	1.714	2.551	15.2	19.9
4 21	16 3.14	−10 2.8	1.626	2.539	11.9	19.7
5 1	15 55.71	− 9 29.1	1.560	2.527	8.1	19.4
5 11	15 46.39	− 8 58.9	1.518	2.514	4.9	19.2
5 21	15 36.14	− 8 36.3	1.503	2.501	4.9	19.2
5 31	15 26.13	− 8 24.8	1.514	2.488	8.3	19.4
6 10	15 17.51	− 8 27.1	1.550	2.474	12.3	19.6
6 20	15 11.08	− 8 44.0	1.607	2.459	16.0	19.8
284806 2008 YZ_{123}			5 17.9 146°.60	3°.6/15.8 18		
4 11	16 3.77	−10 35.4	2.095	2.928	12.9	20.6
4 21	15 59.29	−10 1.1	2.018	2.930	10.0	20.4
5 1	15 52.85	− 9 27.0	1.965	2.931	6.8	20.2
5 11	15 45.09	− 8 56.3	1.937	2.933	4.1	20.0
5 21	15 36.77	− 8 32.1	1.937	2.934	4.2	20.0
5 31	15 28.78	− 8 17.4	1.964	2.936	6.9	20.2
6 10	15 21.93	− 8 14.1	2.017	2.937	10.1	20.4
6 20	15 16.79	− 8 22.9	2.092	2.938	13.0	20.6
366549 2002 QY_{138}			5 17.9 275°.51	1°.0/17.4 17		
4 11	16 6.53	−18 49.4	1.665	2.501	15.6	22.5
4 21	16 2.34	−18 28.5	1.566	2.481	12.1	22.2
5 1	15 55.39	−18 0.0	1.487	2.459	8.0	21.9
5 11	15 46.33	−17 25.6	1.434	2.438	3.4	21.5
5 21	15 36.15	−16 48.0	1.406	2.416	2.1	21.4
5 31	15 26.11	−16 11.7	1.404	2.393	7.0	21.6
6 10	15 17.46	−15 41.5	1.428	2.371	11.7	21.9
6 20	15 11.14	−15 21.4	1.472	2.348	15.9	22.1
433642 2014 AE_{35}			5 17.9 222°.85	2°.5/16.6 18		
4 11	16 6.07	−13 22.4	2.117	2.944	13.0	21.3
4 21	16 1.16	−13 3.1	2.028	2.938	10.0	21.1
5 1	15 54.16	−12 42.3	1.962	2.931	6.7	20.9
5 11	15 45.67	−12 22.3	1.923	2.923	3.4	20.7
5 21	15 36.50	−12 5.4	1.911	2.915	3.1	20.6
5 31	15 27.57	−11 54.5	1.927	2.907	6.3	20.8
6 10	15 19.78	−11 51.7	1.970	2.898	9.9	21.0
6 20	15 13.76	−11 58.4	2.035	2.889	13.0	21.2
123046 2000 SG_{294}			5 17.9 171°.16	4°.5/20.3 18		
4 11	16 11.15	−32 36.7	2.390	3.163	13.3	20.2
4 21	16 5.14	−33 14.9	2.301	3.166	10.9	20.0
5 1	15 56.80	−33 41.8	2.235	3.169	8.1	19.8
5 11	15 46.79	−33 54.9	2.195	3.172	5.6	19.7
5 21	15 35.99	−33 53.0	2.183	3.174	4.5	19.6
5 31	15 25.47	−33 37.4	2.199	3.175	5.9	19.7
6 10	15 16.23	−33 11.6	2.242	3.176	8.5	19.8
6 20	15 8.99	−32 40.3	2.309	3.176	11.2	20.0
296121 2009 BL_{65}			5 17.9 104°.31	1°.4/17.0 17		
4 11	16 3.57	−17 0.5	2.111	2.941	12.9	21.5
4 21	15 59.19	−16 35.9	2.031	2.943	9.9	21.3
5 1	15 52.82	−16 7.0	1.974	2.945	6.4	21.1
5 11	15 45.09	−15 35.8	1.944	2.947	2.8	20.9
5 21	15 36.79	−15 5.0	1.941	2.949	2.1	20.8
5 31	15 28.83	−14 37.7	1.965	2.951	5.7	21.1
6 10	15 22.02	−14 17.1	2.016	2.953	9.2	21.3
6 20	15 16.96	−14 5.1	2.090	2.954	12.3	21.5
166481 2002 PP_{136}			5 17.9 264°.90	0°.4/18.1 18		
4 11	16 4.57	−22 10.2	2.085	2.907	13.4	20.5
4 21	16 0.21	−21 56.9	1.989	2.895	10.4	20.3
5 1	15 53.65	−21 35.5	1.916	2.883	6.9	20.0
5 11	15 45.50	−21 6.8	1.868	2.871	3.0	19.8
5 21	15 36.59	−20 32.6	1.847	2.858	1.3	19.6
5 31	15 27.92	−19 56.2	1.855	2.846	5.3	19.9
6 10	15 20.41	−19 21.6	1.889	2.833	9.2	20.1
6 20	15 14.78	−18 52.5	1.946	2.821	12.7	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
131131 2001 BL_{36}			5 17.9 66°.90	5°.2/20.7 18		
	h m	° ′			°	m
4 11	16 8.01	−33 13.3	1.868	2.661	15.8	19.5
4 21	16 3.23	−33 43.5	1.792	2.669	12.9	19.4
5 1	15 55.77	−33 58.7	1.737	2.676	9.7	19.2
5 11	15 46.40	−33 56.4	1.705	2.684	6.6	19.0
5 21	15 36.22	−33 36.1	1.698	2.692	5.2	18.9
5 31	15 26.50	−33 0.3	1.718	2.700	6.8	19.0
6 10	15 18.40	−32 14.5	1.764	2.708	9.8	19.2
6 20	15 12.69	−31 25.0	1.832	2.716	12.9	19.4
131747 2001 YJ_{133}			5 17.9 207°.66	1°.3/17.2 17		
4 11	16 8.69	−18 33.4	1.786	2.614	15.0	19.4
4 21	16 3.59	−18 0.2	1.698	2.609	11.6	19.1
5 1	15 55.95	−17 19.5	1.633	2.603	7.6	18.9
5 11	15 46.48	−16 33.5	1.593	2.597	3.2	18.6
5 21	15 36.18	−15 45.7	1.581	2.590	2.3	18.5
5 31	15 26.24	−15 0.7	1.596	2.582	6.6	18.8
6 10	15 17.73	−14 23.3	1.637	2.574	10.9	19.0
6 20	15 11.44	−13 57.0	1.700	2.565	14.7	19.2
141205 2001 XP_{209}			5 17.9 255°.08	4°.4/15.2 18		
4 11	16 2.87	− 7 15.9	2.335	3.164	11.9	20.1
4 21	15 58.49	− 6 41.0	2.249	3.155	9.4	19.9
5 1	15 52.31	− 6 8.3	2.187	3.147	6.7	19.7
5 11	15 44.89	− 5 41.0	2.150	3.138	4.6	19.5
5 21	15 36.92	− 5 22.3	2.141	3.129	4.9	19.5
5 31	15 29.16	− 5 14.6	2.160	3.120	7.2	19.7
6 10	15 22.36	− 5 19.3	2.204	3.111	10.0	19.8
6 20	15 17.09	− 5 36.7	2.271	3.102	12.7	20.0
248154 2004 TO_{236}			5 17.9 220°.20	5°.2/20.7 18		
4 11	16 10.02	−34 32.0	2.250	3.022	14.1	21.6
4 21	16 4.58	−35 7.8	2.153	3.015	11.7	21.4
5 1	15 56.62	−35 30.6	2.078	3.007	8.9	21.2
5 11	15 46.79	−35 37.4	2.027	2.999	6.4	21.0
5 21	15 36.03	−35 27.0	2.003	2.990	5.2	20.9
5 31	15 25.49	−35 0.4	2.006	2.981	6.6	21.0
6 10	15 16.28	−34 21.8	2.036	2.971	9.2	21.1
6 20	15 9.20	−33 36.8	2.090	2.962	12.1	21.3
393915 2005 UK_{42}			5 17.9 219°.67	1°.6/18.8 18		
4 11	16 5.16	−24 40.5	2.618	3.421	11.5	21.5
4 21	16 0.23	−24 56.0	2.524	3.417	9.0	21.3
5 1	15 53.46	−25 4.9	2.453	3.412	6.1	21.1
5 11	15 45.38	−25 6.8	2.409	3.407	3.1	20.9
5 21	15 36.70	−25 2.1	2.393	3.402	1.8	20.8
5 31	15 28.19	−24 52.0	2.407	3.396	4.4	21.0
6 10	15 20.66	−24 39.3	2.448	3.391	7.5	21.1
6 20	15 14.67	−24 26.5	2.514	3.385	10.3	21.3
329461 2002 PN_{199}			5 17.9 316°.62	3°.5/16.4 17		
4 11	16 3.29	−14 6.5	1.336	2.195	17.3	21.3
4 21	16 0.26	−13 31.7	1.253	2.180	13.5	21.1
5 1	15 54.21	−12 52.6	1.190	2.165	9.0	20.8
5 11	15 45.90	−12 13.3	1.149	2.151	4.6	20.5
5 21	15 36.43	−11 38.6	1.132	2.137	4.4	20.4
5 31	15 27.25	−11 14.2	1.139	2.124	8.9	20.6
6 10	15 19.71	−11 4.1	1.168	2.111	13.7	20.8
6 20	15 14.79	−11 10.6	1.216	2.099	18.1	21.1
59779 1999 NU_{40}			5 17.9 266°.24	2°.1/19.1 18		
4 11	16 4.67	−26 29.8	2.490	3.292	12.1	19.3
4 21	16 0.07	−26 37.4	2.384	3.275	9.5	19.1
5 1	15 53.47	−26 36.6	2.302	3.258	6.6	18.9
5 11	15 45.43	−26 26.8	2.245	3.241	3.6	18.7
5 21	15 36.66	−26 8.4	2.217	3.224	2.2	18.5
5 31	15 28.03	−25 43.4	2.217	3.206	4.7	18.7
6 10	15 20.39	−25 14.8	2.244	3.189	8.0	18.8
6 20	15 14.39	−24 46.3	2.296	3.171	11.0	19.0
519641 2012 UE_{183}			5 17.9 289°.56	1°.9/18.6 16		
4 11	16 8.37	−22 38.3	1.939	2.757	14.4	21.3
4 21	16 3.53	−23 16.6	1.839	2.741	11.3	21.0
5 1	15 56.08	−23 50.1	1.761	2.725	7.7	20.8
5 11	15 46.63	−24 17.4	1.708	2.708	3.8	20.5
5 21	15 36.09	−24 37.4	1.683	2.692	2.2	20.3
5 31	15 25.61	−24 50.6	1.685	2.675	5.8	20.5
6 10	15 16.37	−24 59.3	1.713	2.659	9.9	20.7
6 20	15 9.26	−25 6.7	1.765	2.643	13.6	20.9
491310 2011 WJ_{51}			5 17.9 317°.46	1°.1/17.3 16		
4 11	16 4.19	−16 4.0	2.298	3.124	12.2	21.4
4 21	15 59.58	−16 6.7	2.212	3.121	9.4	21.2
5 1	15 53.07	−16 7.3	2.150	3.119	6.1	21.0
5 11	15 45.23	−16 7.0	2.114	3.117	2.6	20.8
5 21	15 36.78	−16 7.0	2.106	3.115	1.8	20.7
5 31	15 28.57	−16 8.9	2.126	3.113	5.2	20.9
6 10	15 21.39	−16 14.7	2.173	3.111	8.6	21.1
6 20	15 15.84	−16 25.7	2.244	3.109	11.6	21.3

276488 2003 *PO* 5 17.9 292.°86 9.°1/11.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.14	+ 0 38.2	1.832	2.664	14.6	20.4
4 21	15 59.33	+ 2 2.1	1.740	2.636	12.2	20.1
5 1	15 53.22	+ 3 20.8	1.670	2.608	10.1	19.9
5 11	15 45.40	+ 4 26.7	1.623	2.580	9.1	19.8
5 21	15 36.67	+ 5 13.1	1.601	2.552	9.9	19.8
5 31	15 28.06	+ 5 34.6	1.604	2.523	12.2	19.9
6 10	15 20.58	+ 5 29.5	1.628	2.495	15.1	20.0
6 20	15 14.98	+ 4 58.7	1.671	2.467	17.9	20.1

498681 2008 ST_{242} 5 17.9 181.°11 3.°7/19.7 17

4 11	16 10.61	−29 35.5	2.356	3.141	13.2	22.1
4 21	16 4.75	−30 16.2	2.266	3.142	10.6	21.9
5 1	15 56.58	−30 47.7	2.199	3.142	7.7	21.7
5 11	15 46.74	−31 7.7	2.157	3.142	4.9	21.6
5 21	15 36.09	−31 15.1	2.144	3.142	3.7	21.5
5 31	15 25.67	−31 10.8	2.159	3.141	5.6	21.6
6 10	15 16.46	−30 57.8	2.202	3.140	8.5	21.8
6 20	15 9.19	−30 40.1	2.269	3.138	11.3	22.0

241336 2007 VU_{219} 5 17.9 250.°51 1.°3/17.3 18

4 11	16 6.21	−15 16.5	2.215	3.039	12.6	20.4
4 21	16 1.25	−15 22.7	2.124	3.032	9.7	20.2
5 1	15 54.24	−15 27.6	2.056	3.025	6.4	20.0
5 11	15 45.74	−15 32.2	2.015	3.018	2.8	19.7
5 21	15 36.55	−15 37.7	2.002	3.010	2.0	19.6
5 31	15 27.55	−15 45.5	2.017	3.003	5.5	19.9
6 10	15 19.63	−15 57.3	2.059	2.996	9.1	20.1
6 20	15 13.44	−16 14.4	2.125	2.988	12.2	20.2

280348 2003 SA_{231} 5 17.9 291.°86 3.°3/16.2 17

4 11	16 4.12	−12 20.2	1.827	2.667	14.2	20.5
4 21	16 0.03	−11 51.8	1.740	2.656	11.0	20.3
5 1	15 53.62	−11 21.9	1.675	2.645	7.4	20.1
5 11	15 45.53	−10 53.9	1.634	2.633	4.1	19.8
5 21	15 36.65	−10 31.1	1.620	2.622	4.0	19.8
5 31	15 28.01	−10 17.1	1.633	2.611	7.4	20.0
6 10	15 20.62	−10 14.3	1.670	2.600	11.2	20.2
6 20	15 15.20	−10 24.1	1.729	2.589	14.7	20.4

54066 2000 GN_{139} 5 17.9 100.°95 3.°7/16.5 18

4 11	16 9.39	−12 18.0	1.385	2.232	17.5	19.4
4 21	16 4.52	−11 55.6	1.321	2.240	13.6	19.1
5 1	15 56.70	−11 32.7	1.276	2.248	9.0	18.9
5 11	15 46.81	−11 13.0	1.255	2.256	4.8	18.7
5 21	15 36.11	−11 0.1	1.259	2.263	4.4	18.7
5 31	15 25.99	−10 57.4	1.289	2.271	8.5	18.9
6 10	15 17.70	−11 7.2	1.341	2.278	12.9	19.2
6 20	15 12.05	−11 29.9	1.415	2.285	16.8	19.4

516517 2006 ES_{2} 5 17.9 34.°29 4.°6/22.7 18

4 11	16 1.06	−41 40.9	4.121	4.839	9.0	20.4
4 21	15 56.68	−42 8.5	4.031	4.843	7.7	20.3
5 1	15 50.95	−42 25.9	3.964	4.848	6.3	20.2
5 11	15 44.30	−42 31.8	3.922	4.852	5.2	20.1
5 21	15 37.24	−42 25.9	3.906	4.857	4.6	20.1
5 31	15 30.35	−42 8.9	3.918	4.862	4.9	20.1
6 10	15 24.18	−41 42.8	3.957	4.866	5.9	20.2
6 20	15 19.15	−41 10.2	4.021	4.871	7.2	20.3

276806 2004 PQ_{19} 5 17.9 332.°17 3.°6/19.0 17

4 11	16 0.98	−25 25.4	1.235	2.089	18.8	19.9
4 21	15 59.19	−26 1.9	1.144	2.064	15.1	19.6
5 1	15 53.98	−26 28.2	1.071	2.040	10.6	19.3
5 11	15 45.99	−26 41.7	1.019	2.018	5.9	18.9
5 21	15 36.38	−26 41.2	0.989	1.997	3.7	18.7
5 31	15 26.83	−26 28.2	0.981	1.977	7.9	18.9
6 10	15 19.08	−26 8.1	0.996	1.959	13.2	19.1
6 20	15 14.39	−25 47.3	1.029	1.942	18.1	19.3

378971 2008 UT_{239} 5 17.9 311.°83 11.°8/17.8 18

4 11	16 26.94	−30 10.7	1.031	1.850	24.2	20.4
4 21	16 21.39	−33 27.8	0.959	1.848	20.3	20.2
5 1	16 10.04	−36 45.0	0.906	1.847	16.1	19.9
5 11	15 53.30	−39 44.1	0.875	1.845	12.7	19.7
5 21	15 32.91	−42 5.3	0.867	1.844	12.0	19.6
5 31	15 12.10	−43 36.4	0.882	1.843	14.6	19.8
6 10	14 54.40	−44 21.2	0.918	1.842	18.7	20.0
6 20	14 42.19	−44 33.5	0.972	1.841	22.7	20.2

25033 1998 QM_{32} 5 17.9 271.°86 6.°7/21.4 18

4 11	16 8.72	−37 32.1	2.046	2.815	15.4	18.8
4 21	16 4.00	−38 13.3	1.948	2.802	13.0	18.6
5 1	15 56.48	−38 39.0	1.870	2.790	10.3	18.4
5 11	15 46.83	−38 45.2	1.815	2.777	7.9	18.3
5 21	15 36.09	−38 29.7	1.786	2.764	6.7	18.2
5 31	15 25.56	−37 53.7	1.782	2.751	7.8	18.2
6 10	15 16.51	−37 2.0	1.804	2.738	10.3	18.3
6 20	15 9.85	−36 1.6	1.849	2.725	13.2	18.5

425622 2010 VG_{66} 5 17.9 199.°18 2.°2/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.85	−15 11.6	1.967	2.794	13.9	22.2
4 21	16 2.68	−14 43.8	1.881	2.791	10.7	22.0
5 1	15 55.23	−14 12.4	1.818	2.788	7.0	21.7
5 11	15 46.18	−13 39.7	1.782	2.783	3.3	21.5
5 21	15 36.42	−13 8.9	1.773	2.779	2.9	21.5
5 31	15 26.97	−12 43.3	1.791	2.773	6.5	21.7
6 10	15 18.80	−12 26.2	1.836	2.767	10.3	21.9
6 20	15 12.59	−12 19.6	1.904	2.760	13.7	22.1

130608 2000 SV_{17} 5 17.9 352.°30 5.°6/20.2 18

4 11	16 7.12	−31 3.9	1.288	2.117	19.7	19.4
4 21	16 3.72	−31 39.2	1.214	2.114	16.0	19.1
5 1	15 56.73	−31 57.3	1.157	2.112	11.8	18.9
5 11	15 47.02	−31 54.4	1.121	2.110	7.6	18.6
5 21	15 36.02	−31 29.2	1.108	2.109	5.7	18.5
5 31	15 25.52	−30 45.1	1.119	2.109	8.2	18.6
6 10	15 17.17	−29 50.1	1.152	2.108	12.6	18.9
6 20	15 12.01	−28 53.2	1.205	2.109	16.8	19.1

504759 2009 WP_{80} 5 17.9 260.°77 3.°4/20.0 18

4 11	16 7.42	−31 10.1	1.981	2.778	14.9	21.0
4 21	16 2.78	−30 57.0	1.876	2.760	12.0	20.8
5 1	15 55.53	−30 27.8	1.792	2.742	8.7	20.6
5 11	15 46.38	−29 41.5	1.733	2.723	5.2	20.3
5 21	15 36.31	−28 38.9	1.700	2.704	3.4	20.1
5 31	15 26.49	−27 23.9	1.695	2.685	5.9	20.3
6 10	15 18.07	−26 3.4	1.717	2.665	9.7	20.4
6 20	15 11.86	−24 44.3	1.763	2.645	13.4	20.6

479034 2013 AL_{25} 5 17.9 125.°83 3.°7/16.1 17

4 11	16 5.33	− 8 28.4	2.203	3.029	12.6	20.9
4 21	16 0.43	− 8 18.2	2.124	3.031	9.8	20.7
5 1	15 53.60	− 8 10.9	2.069	3.032	6.8	20.5
5 11	15 45.46	− 8 8.9	2.040	3.033	4.2	20.3
5 21	15 36.75	− 8 14.1	2.038	3.035	4.1	20.3
5 31	15 28.33	− 8 28.1	2.065	3.036	6.7	20.5
6 10	15 21.00	− 8 51.8	2.118	3.037	9.7	20.7
6 20	15 15.34	− 9 24.9	2.194	3.038	12.6	20.9

470545 2008 EW_{75} 5 17.9 134.°35 7.°5/10.7 17

4 11	16 1.61	+ 6 22.4	2.908	3.703	10.7	22.0
4 21	15 57.02	+ 7 44.1	2.855	3.716	9.1	21.9
5 1	15 51.11	+ 8 56.8	2.826	3.728	7.9	21.9
5 11	15 44.34	+ 9 56.1	2.824	3.740	7.5	21.9
5 21	15 37.28	+10 38.5	2.847	3.751	8.0	21.9
5 31	15 30.50	+11 2.1	2.896	3.762	9.2	22.0
6 10	15 24.55	+11 6.7	2.969	3.772	10.6	22.1
6 20	15 19.81	+10 53.7	3.062	3.782	12.1	22.2

136692 1995 SC_{45} 5 17.9 125.°52 0.°2/18.0 18

4 11	16 4.20	−21 20.6	2.524	3.338	11.6	21.7
4 21	15 59.37	−21 9.2	2.446	3.348	8.9	21.6
5 1	15 52.81	−20 51.8	2.391	3.357	5.8	21.4
5 11	15 45.10	−20 29.5	2.363	3.366	2.5	21.2
5 21	15 36.94	−20 3.7	2.364	3.375	1.0	21.1
5 31	15 29.11	−19 37.1	2.394	3.384	4.4	21.3
6 10	15 22.30	−19 12.4	2.451	3.392	7.6	21.5
6 20	15 17.03	−18 52.0	2.533	3.400	10.4	21.7

341553 2007 UZ_{21} 5 17.9 92.°11 1.°2/17.1 17

4 11	16 4.05	−18 0.9	2.165	2.992	12.8	21.1
4 21	15 59.43	−17 29.7	2.094	3.005	9.7	20.9
5 1	15 52.92	−16 53.4	2.047	3.017	6.3	20.7
5 11	15 45.16	−16 14.2	2.026	3.030	2.7	20.5
5 21	15 36.95	−15 35.1	2.033	3.042	1.9	20.5
5 31	15 29.15	−14 59.4	2.069	3.054	5.4	20.7
6 10	15 22.52	−14 30.4	2.130	3.067	8.8	21.0
6 20	15 17.61	−14 10.1	2.216	3.079	11.8	21.2

384779 2012 PP_{10} 5 17.9 192.°80 3.°7/20.2 18

4 11	16 7.71	−31 41.3	2.366	3.149	13.2	21.9
4 21	16 2.49	−31 53.9	2.274	3.148	10.6	21.7
5 1	15 55.09	−31 54.5	2.204	3.146	7.8	21.6
5 11	15 46.14	−31 41.5	2.160	3.144	5.0	21.4
5 21	15 36.51	−31 15.1	2.143	3.141	3.7	21.3
5 31	15 27.16	−30 37.5	2.154	3.138	5.4	21.4
6 10	15 19.04	−29 52.9	2.193	3.134	8.3	21.6
6 20	15 12.81	−29 6.2	2.256	3.130	11.2	21.7

496917 2001 SD_{336} 5 17.9 167.°19 1.°7/16.6 18

4 11	16 3.30	−15 15.9	2.907	3.724	10.1	22.5
4 21	15 58.42	−14 44.1	2.824	3.728	7.7	22.4
5 1	15 52.09	−14 9.5	2.766	3.733	5.0	22.2
5 11	15 44.80	−13 34.3	2.736	3.737	2.4	22.0
5 21	15 37.13	−13 0.5	2.735	3.740	2.2	22.0
5 31	15 29.71	−12 30.6	2.764	3.743	4.7	22.2
6 10	15 23.14	−12 6.9	2.821	3.745	7.4	22.4
6 20	15 17.85	−11 50.8	2.902	3.747	9.8	22.5

355207 2006 YJ_9 5 17.9 142°.37 4°.3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.94	−37 19.4	3.131	3.876	11.0	22.0
4 21	16 1.36	−37 31.6	3.047	3.888	9.2	21.9
5 1	15 54.07	−37 31.5	2.985	3.899	7.1	21.8
5 11	15 45.63	−37 17.9	2.949	3.910	5.3	21.6
5 21	15 36.76	−36 50.9	2.941	3.920	4.3	21.6
5 31	15 28.21	−36 12.2	2.962	3.930	5.1	21.7
6 10	15 20.70	−35 25.2	3.010	3.939	6.8	21.8
6 20	15 14.73	−34 33.9	3.085	3.948	8.8	21.9

28273 Maianhvu 5 17.9 178°.69 1°.1/18.5 18

4 11	16 8.17	−23 39.8	2.045	2.858	13.9	19.4
4 21	16 2.95	−23 34.7	1.959	2.859	10.8	19.2
5 1	15 55.42	−23 20.8	1.897	2.860	7.3	19.0
5 11	15 46.29	−22 58.2	1.860	2.861	3.3	18.8
5 21	15 36.45	−22 28.6	1.850	2.861	1.5	18.6
5 31	15 26.97	−21 55.0	1.869	2.860	5.3	18.9
6 10	15 18.80	−21 21.5	1.915	2.859	9.1	19.1
6 20	15 12.65	−20 52.1	1.984	2.858	12.5	19.3

167751 2004 XZ_{67} 5 17.9 115°.67 0°.6/17.6 18

4 11	16 9.84	−20 3.3	1.674	2.503	15.8	20.6
4 21	16 4.40	−19 39.6	1.608	2.518	12.2	20.4
5 1	15 56.39	−19 8.0	1.564	2.534	7.9	20.1
5 11	15 46.66	−18 30.5	1.545	2.549	3.2	19.9
5 21	15 36.32	−17 50.2	1.552	2.563	1.7	19.8
5 31	15 26.59	−17 11.5	1.587	2.577	6.3	20.1
6 10	15 18.52	−16 38.9	1.648	2.590	10.5	20.4
6 20	15 12.78	−16 15.7	1.730	2.602	14.1	20.7

105792 2000 SK_{122} 5 17.9 122°.87 4°.3/14.4 18

4 11	16 1.55	− 8 50.2	2.440	3.270	11.4	19.6
4 21	15 57.30	− 7 41.9	2.368	3.276	8.9	19.5
5 1	15 51.44	− 6 33.7	2.321	3.282	6.3	19.3
5 11	15 44.55	− 5 29.8	2.301	3.288	4.5	19.2
5 21	15 37.26	− 4 34.1	2.309	3.294	4.9	19.2
5 31	15 30.28	− 3 50.3	2.345	3.300	7.0	19.4
6 10	15 24.27	− 3 20.5	2.407	3.305	9.6	19.5
6 20	15 19.68	− 3 5.5	2.491	3.311	12.0	19.7

36775 2000 RQ_{101} 5 17.9 272°.05 6°.3/22.0 18

4 11	16 6.95	−39 10.6	2.354	3.109	14.0	18.4
4 21	16 2.25	−39 36.9	2.254	3.097	11.9	18.2
5 1	15 55.12	−39 47.5	2.175	3.086	9.5	18.1
5 11	15 46.22	−39 39.3	2.119	3.074	7.4	17.9
5 21	15 36.47	−39 11.2	2.089	3.063	6.3	17.8
5 31	15 26.98	−38 24.7	2.086	3.051	7.0	17.8
6 10	15 18.79	−37 24.5	2.108	3.040	9.2	17.9
6 20	15 12.69	−36 16.7	2.155	3.028	11.7	18.1

356288 2010 DP_{75} 5 17.9 349°.55 3°.4/19.0 17

4 11	16 3.47	−25 20.0	1.041	1.903	20.9	20.6
4 21	16 1.41	−25 50.1	0.971	1.896	16.7	20.3
5 1	15 55.51	−26 6.9	0.918	1.890	11.6	20.0
5 11	15 46.63	−26 8.1	0.885	1.885	6.1	19.7
5 21	15 36.28	−25 53.6	0.873	1.882	3.6	19.5
5 31	15 26.40	−25 26.8	0.883	1.879	8.3	19.8
6 10	15 18.82	−24 55.4	0.913	1.878	13.8	20.1
6 20	15 14.68	−24 26.8	0.962	1.878	18.8	20.3

90136 2002 XO_{105} 5 17.9 127°.75 1°.9/18.8 18

4 11	16 7.83	−24 15.3	2.259	3.066	13.0	19.7
4 21	16 2.54	−24 44.7	2.175	3.070	10.2	19.5
5 1	15 55.11	−25 7.5	2.115	3.074	6.9	19.3
5 11	15 46.17	−25 22.8	2.081	3.078	3.6	19.1
5 21	15 36.53	−25 30.2	2.075	3.083	2.1	19.0
5 31	15 27.16	−25 31.2	2.097	3.086	5.0	19.2
6 10	15 18.97	−25 28.1	2.146	3.090	8.3	19.4
6 20	15 12.63	−25 24.0	2.220	3.094	11.4	19.6

55259 2001 RH_{122} 5 17.9 154°.94 5°.0/15.1 18

4 11	16 5.04	− 9 21.2	1.763	2.603	14.7	19.7
4 21	16 0.63	− 8 23.2	1.691	2.605	11.4	19.5
5 1	15 53.93	− 7 25.3	1.641	2.607	8.0	19.3
5 11	15 45.67	− 6 32.5	1.617	2.608	5.4	19.2
5 21	15 36.77	− 5 49.8	1.619	2.610	5.7	19.2
5 31	15 28.28	− 5 21.4	1.646	2.611	8.6	19.4
6 10	15 21.15	− 5 9.8	1.698	2.613	12.0	19.6
6 20	15 16.03	− 5 15.3	1.771	2.614	15.2	19.8

499578 2010 TR_2 5 17.9 271°.79 2°.4/16.9 17

4 11	16 8.73	−14 40.7	1.699	2.533	15.4	21.1
4 21	16 4.08	−14 26.3	1.595	2.508	12.0	20.8
5 1	15 56.63	−14 9.1	1.513	2.483	8.0	20.5
5 11	15 46.99	−13 51.0	1.455	2.457	3.8	20.2
5 21	15 36.12	−13 34.9	1.424	2.430	3.2	20.1
5 31	15 25.27	−13 24.0	1.419	2.403	7.5	20.3
6 10	15 15.73	−13 21.8	1.439	2.376	12.2	20.5
6 20	15 8.48	−13 30.5	1.481	2.348	16.3	20.7

38152 1999 JY_{66} 5 17.9 296°.45 3°.3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.17	−13 30.7	1.385	2.237	17.2	18.4
4 21	16 2.56	−13 11.4	1.294	2.217	13.5	18.1
5 1	15 55.85	−12 49.8	1.223	2.196	9.1	17.8
5 11	15 46.71	−12 29.1	1.174	2.176	4.6	17.4
5 21	15 36.24	−12 13.2	1.150	2.156	4.1	17.3
5 31	15 25.91	−12 6.2	1.151	2.136	8.7	17.5
6 10	15 17.16	−12 11.6	1.174	2.117	13.7	17.8
6 20	15 11.06	−12 31.1	1.217	2.097	18.3	18.0

96324 1997 EV_2 5 17.9 43°.67 8°.8/12.9 17

4 11	16 2.69	− 1 15.1	1.597	2.440	15.8	18.8
4 21	15 58.85	+ 0 13.0	1.546	2.452	12.8	18.7
5 1	15 52.73	+ 1 32.9	1.517	2.464	10.2	18.5
5 11	15 45.14	+ 2 36.9	1.512	2.477	8.8	18.5
5 21	15 37.05	+ 3 19.0	1.531	2.491	9.4	18.5
5 31	15 29.49	+ 3 35.9	1.573	2.504	11.6	18.7
6 10	15 23.38	+ 3 27.3	1.637	2.518	14.3	18.9
6 20	15 19.31	+ 2 56.0	1.720	2.532	16.8	19.1

250608 2005 EB_{247} 5 17.9 19°.35 0°.9/18.3 17

4 11	16 5.21	−21 49.6	1.229	2.083	18.9	20.2
4 21	16 1.91	−21 54.6	1.165	2.087	14.7	20.0
5 1	15 55.33	−21 49.7	1.119	2.092	9.7	19.7
5 11	15 46.39	−21 35.4	1.094	2.098	4.3	19.4
5 21	15 36.46	−21 13.9	1.094	2.105	1.8	19.2
5 31	15 27.13	−20 49.3	1.117	2.112	7.2	19.6
6 10	15 19.81	−20 27.2	1.162	2.120	12.3	19.9
6 20	15 15.38	−20 12.2	1.228	2.129	16.7	20.2

94639 2001 WH_{28} 5 17.9 109°.15 3°.8/16.1 18

4 11	16 7.69	−13 40.0	1.456	2.303	16.9	19.4
4 21	16 3.08	−12 50.4	1.391	2.311	13.0	19.2
5 1	15 55.71	−11 57.2	1.347	2.319	8.6	19.0
5 11	15 46.45	−11 5.2	1.327	2.327	4.6	18.7
5 21	15 36.47	−10 19.6	1.332	2.335	4.5	18.8
5 31	15 27.08	− 9 45.6	1.363	2.342	8.4	19.0
6 10	15 19.41	− 9 26.8	1.417	2.349	12.7	19.3
6 20	15 14.20	− 9 24.4	1.492	2.356	16.4	19.5

348954 2006 TE_{125} 5 17.9 116°.08 5°.0/15.0 18

4 11	16 5.15	− 2 30.2	2.623	3.436	11.2	21.1
4 21	15 59.86	− 2 7.9	2.558	3.450	8.9	20.9
5 1	15 53.03	− 1 51.4	2.518	3.464	6.7	20.8
5 11	15 45.21	− 1 43.5	2.504	3.478	5.2	20.7
5 21	15 37.03	− 1 46.0	2.518	3.491	5.3	20.8
5 31	15 29.18	− 2 0.4	2.560	3.505	7.1	20.9
6 10	15 22.29	− 2 26.5	2.629	3.517	9.3	21.0
6 20	15 16.80	− 3 3.6	2.721	3.530	11.4	21.2

152100 2004 RD_{101} 5 17.9 273°.45 0°.4/17.7 18

4 11	16 2.53	−19 59.7	2.515	3.335	11.4	20.0
4 21	15 58.31	−19 37.4	2.411	3.317	8.8	19.8
5 1	15 52.30	−19 9.0	2.330	3.299	5.8	19.6
5 11	15 45.01	−18 35.8	2.277	3.280	2.4	19.3
5 21	15 37.10	−17 59.8	2.251	3.262	1.3	19.2
5 31	15 29.33	−17 23.9	2.254	3.243	4.8	19.4
6 10	15 22.48	−16 51.3	2.285	3.224	8.2	19.6
6 20	15 17.11	−16 24.8	2.340	3.205	11.2	19.8

90306 2003 FO_4 5 17.9 350°.28 12°.6/10.1 18

4 11	16 1.93	+13 46.1	1.886	2.679	15.6	19.1
4 21	15 58.14	+15 1.8	1.829	2.674	14.1	19.0
5 1	15 52.26	+15 58.9	1.793	2.670	13.0	18.9
5 11	15 44.98	+16 30.2	1.777	2.666	12.6	18.8
5 21	15 37.13	+16 31.1	1.783	2.663	13.2	18.9
5 31	15 29.66	+16 0.0	1.810	2.660	14.4	18.9
6 10	15 23.41	+14 59.0	1.856	2.658	16.1	19.0
6 20	15 18.99	+13 32.5	1.920	2.657	17.8	19.2

377250 2004 BP_{129} 5 17.9 246°.39 2°.0/20.3 18

4 11	15 57.03	−31 10.7	4.651	5.424	7.3	20.6
4 21	15 53.35	−31 7.7	4.553	5.421	5.8	20.5
5 1	15 48.70	−30 58.2	4.479	5.418	4.2	20.4
5 11	15 43.40	−30 42.2	4.432	5.415	2.7	20.3
5 21	15 37.84	−30 20.3	4.415	5.413	2.0	20.2
5 31	15 32.41	−29 53.5	4.427	5.410	2.9	20.3
6 10	15 27.51	−29 23.6	4.467	5.407	4.5	20.4
6 20	15 23.43	−28 52.4	4.534	5.404	6.1	20.5

242430 2004 NW_{20} 5 17.9 263°.63 3°.3/20.3 17

4 11	16 4.17	−31 48.1	2.426	3.214	12.7	20.4
4 21	15 59.74	−31 40.3	2.329	3.206	10.3	20.2
5 1	15 53.29	−31 19.5	2.254	3.198	7.5	20.0
5 11	15 45.42	−30 45.0	2.204	3.190	4.7	19.8
5 21	15 36.94	−29 57.8	2.182	3.183	3.3	19.7
5 31	15 28.74	−29 0.9	2.188	3.175	5.0	19.8
6 10	15 21.67	−27 58.7	2.221	3.167	8.0	20.0
6 20	15 16.35	−26 56.5	2.279	3.159	10.9	20.2

123556 2000 XW_{30} 5 17.9 190.°76 2.°3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.55	−27 15.8	2.438	3.231	12.5	21.3
4 21	16 3.01	−27 26.7	2.344	3.230	9.9	21.1
5 1	15 55.39	−27 28.6	2.275	3.228	6.9	20.9
5 11	15 46.30	−27 20.6	2.231	3.225	3.8	20.7
5 21	15 36.54	−27 3.0	2.216	3.222	2.4	20.6
5 31	15 27.04	−26 37.8	2.230	3.218	4.9	20.8
6 10	15 18.67	−26 8.4	2.271	3.214	8.0	21.0
6 20	15 12.07	−25 38.7	2.338	3.209	11.0	21.2

500899 2013 LS_{28} 5 17.9 322.°84 4.°7/15.5 17

4 11	16 2.97	−13 41.8	1.290	2.152	17.6	20.7
4 21	15 59.99	−12 33.5	1.215	2.143	13.7	20.5
5 1	15 54.02	−11 18.5	1.159	2.134	9.3	20.2
5 11	15 45.88	−10 3.2	1.126	2.126	5.3	19.9
5 21	15 36.73	− 8 55.1	1.118	2.118	5.6	19.9
5 31	15 28.00	− 8 1.9	1.132	2.111	9.8	20.1
6 10	15 20.99	− 7 28.8	1.169	2.104	14.5	20.4
6 20	15 16.59	− 7 18.0	1.224	2.098	18.6	20.6

422289 2014 SO_{156} 5 17.9 113.°74 2.°7/16.5 17

4 11	16 6.68	−16 22.8	1.541	2.384	16.2	21.3
4 21	16 2.22	−15 29.7	1.472	2.390	12.5	21.1
5 1	15 55.13	−14 29.9	1.424	2.396	8.2	20.8
5 11	15 46.22	−13 27.7	1.400	2.402	3.9	20.6
5 21	15 36.62	−12 28.5	1.402	2.408	3.6	20.6
5 31	15 27.55	−11 38.0	1.431	2.414	7.7	20.8
6 10	15 20.13	−11 0.9	1.483	2.419	11.9	21.1
6 20	15 15.05	−10 39.6	1.557	2.424	15.7	21.3

222572 2001 VE_{114} 5 17.9 171.°62 1.°0/18.5 17

4 11	16 8.72	−23 14.1	2.374	3.178	12.5	21.6
4 21	16 3.05	−23 14.4	2.288	3.183	9.7	21.4
5 1	15 55.36	−23 7.5	2.224	3.186	6.5	21.2
5 11	15 46.27	−22 53.5	2.188	3.189	3.0	21.0
5 21	15 36.58	−22 33.3	2.181	3.191	1.4	20.9
5 31	15 27.20	−22 9.5	2.202	3.192	4.7	21.1
6 10	15 18.97	−21 45.0	2.252	3.193	8.1	21.4
6 20	15 12.50	−21 23.3	2.326	3.193	11.2	21.5

98315 2000 SG_{261} 5 17.9 209.°89 2.°7/16.4 17

4 11	16 7.87	−15 1.3	1.841	2.672	14.5	19.8
4 21	16 2.89	−14 18.0	1.755	2.667	11.2	19.5
5 1	15 55.50	−13 29.7	1.691	2.661	7.4	19.3
5 11	15 46.39	−12 39.9	1.653	2.654	3.7	19.1
5 21	15 36.52	−11 52.7	1.642	2.647	3.5	19.0
5 31	15 26.97	−11 12.5	1.659	2.639	7.2	19.2
6 10	15 18.77	−10 43.3	1.701	2.630	11.1	19.4
6 20	15 12.64	−10 27.5	1.766	2.621	14.7	19.6

505782 2015 BP_{285} 5 17.9 348.°03 2.°5/16.5 17

4 11	16 0.56	−17 50.6	1.367	2.227	17.0	20.3
4 21	15 57.99	−16 53.4	1.292	2.220	13.1	20.1
5 1	15 52.62	−15 46.1	1.237	2.214	8.6	19.8
5 11	15 45.26	−14 33.6	1.204	2.208	3.9	19.5
5 21	15 37.02	−13 22.2	1.197	2.204	3.5	19.4
5 31	15 29.22	−12 19.1	1.213	2.201	8.1	19.7
6 10	15 23.05	−11 30.6	1.253	2.198	12.8	20.0
6 20	15 19.32	−11 0.3	1.312	2.197	16.9	20.2

130202 2000 AJ_{171} 5 17.9 175.°49 6.°2/14.0 18

4 11	16 4.78	− 1 51.0	2.316	3.134	12.3	20.1
4 21	15 59.88	− 1 2.2	2.243	3.136	9.9	20.0
5 1	15 53.21	− 0 19.1	2.193	3.138	7.7	19.8
5 11	15 45.35	+ 0 14.1	2.170	3.139	6.3	19.8
5 21	15 37.00	+ 0 34.0	2.174	3.139	6.7	19.8
5 31	15 28.96	+ 0 38.0	2.204	3.140	8.5	19.9
6 10	15 21.95	+ 0 25.7	2.260	3.140	10.9	20.0
6 20	15 16.50	− 0 2.1	2.337	3.139	13.2	20.2

346120 2007 VM_{142} 5 17.9 261.°52 1.°3/17.2 17

4 11	16 3.83	−17 28.6	2.134	2.963	12.9	21.4
4 21	15 59.53	−17 6.2	2.044	2.955	9.9	21.1
5 1	15 53.18	−16 39.1	1.978	2.948	6.5	20.9
5 11	15 45.40	−16 9.0	1.937	2.940	2.8	20.7
5 21	15 36.96	−15 38.4	1.924	2.933	2.0	20.6
5 31	15 28.78	−15 10.7	1.939	2.925	5.6	20.8
6 10	15 21.70	−14 48.8	1.980	2.918	9.3	21.0
6 20	15 16.36	−14 35.2	2.044	2.910	12.5	21.2

271107 2003 RK 5 17.9 307.°33 13.°9/ 3.4 16

4 11	16 1.70	+ 8 9.9	1.656	2.478	16.3	19.6
4 21	15 58.63	+11 3.1	1.570	2.440	14.7	19.4
5 1	15 53.05	+13 50.7	1.506	2.402	13.9	19.3
5 11	15 45.51	+16 19.9	1.465	2.363	14.3	19.2
5 21	15 36.86	+18 18.5	1.447	2.325	15.8	19.2
5 31	15 28.22	+19 38.0	1.449	2.286	18.1	19.2
6 10	15 20.73	+20 14.9	1.469	2.248	20.6	19.3
6 20	15 15.30	+20 11.2	1.502	2.210	23.1	19.4

290375 2005 SO_{283} 5 17.9 186.°33 6.°1/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.62	− 5 8.8	1.877	2.710	14.2	20.9
4 21	16 0.96	− 4 17.6	1.804	2.710	11.3	20.7
5 1	15 54.12	− 3 30.3	1.753	2.710	8.3	20.6
5 11	15 45.78	− 2 52.0	1.728	2.709	6.3	20.4
5 21	15 36.82	− 2 26.9	1.728	2.708	6.7	20.5
5 31	15 28.21	− 2 18.3	1.755	2.707	9.1	20.6
6 10	15 20.87	− 2 27.5	1.805	2.706	12.2	20.8
6 20	15 15.43	− 2 53.5	1.877	2.705	15.0	21.0

73392 2002 LN_{14} 5 17.9 272.°20 1.°0/18.5 18

4 11	16 5.00	−23 57.9	1.978	2.798	14.1	20.0
4 21	16 0.75	−23 45.5	1.882	2.786	11.0	19.8
5 1	15 54.16	−23 23.3	1.809	2.774	7.4	19.5
5 11	15 45.87	−22 51.7	1.760	2.762	3.4	19.3
5 21	15 36.76	−22 12.4	1.739	2.749	1.5	19.1
5 31	15 27.90	−21 29.0	1.744	2.737	5.5	19.3
6 10	15 20.29	−20 46.2	1.776	2.724	9.5	19.6
6 20	15 14.67	−20 8.4	1.832	2.711	13.1	19.7

443360 2014 GO_{38} 5 17.9 313.°92 3.°4/19.7 17

4 11	16 5.24	−28 56.1	2.206	3.007	13.4	21.3
4 21	16 0.84	−29 24.9	2.112	2.999	10.8	21.1
5 1	15 54.18	−29 44.0	2.041	2.991	7.8	20.9
5 11	15 45.87	−29 51.9	1.994	2.983	4.8	20.7
5 21	15 36.76	−29 48.1	1.975	2.976	3.5	20.6
5 31	15 27.84	−29 33.9	1.982	2.969	5.5	20.7
6 10	15 20.09	−29 12.7	2.016	2.962	8.7	20.9
6 20	15 14.24	−28 48.7	2.074	2.955	11.8	21.1

372601 2009 VH_{1} 5 17.9 310.°32 4.°8/19.2 18

4 11	16 11.22	−27 22.9	1.629	2.443	16.8	19.9
4 21	16 6.45	−28 36.3	1.538	2.432	13.6	19.7
5 1	15 58.44	−29 42.9	1.469	2.422	9.9	19.4
5 11	15 47.86	−30 38.0	1.423	2.412	6.3	19.2
5 21	15 35.82	−31 17.9	1.402	2.402	4.9	19.1
5 31	15 23.86	−31 41.3	1.408	2.393	7.6	19.2
6 10	15 13.51	−31 51.3	1.439	2.384	11.5	19.4
6 20	15 5.90	−31 52.8	1.491	2.375	15.3	19.6

35040 1981 EV_{33} 5 17.9 128.°11 9.°6/10.5 17 R

4 11	16 3.50	+ 2 26.5	1.896	2.720	14.4	19.3
4 21	15 59.22	+ 4 23.9	1.838	2.725	12.1	19.1
5 1	15 52.91	+ 6 12.8	1.805	2.730	10.3	19.0
5 11	15 45.25	+ 7 45.0	1.796	2.735	9.6	19.0
5 21	15 37.08	+ 8 53.9	1.811	2.739	10.4	19.0
5 31	15 29.33	+ 9 35.4	1.851	2.744	12.3	19.2
6 10	15 22.81	+ 9 48.8	1.913	2.748	14.5	19.3
6 20	15 18.10	+ 9 36.4	1.993	2.752	16.6	19.5

101617 1999 CM_{9} 5 17.9 25.°39 3.°4/16.5 18

4 11	16 5.62	−10 3.2	1.892	2.727	14.0	19.4
4 21	16 0.99	− 9 58.6	1.818	2.731	10.9	19.2
5 1	15 54.16	− 9 56.4	1.767	2.734	7.4	19.0
5 11	15 45.82	− 9 58.9	1.740	2.738	4.2	18.8
5 21	15 36.82	−10 8.1	1.741	2.742	3.9	18.8
5 31	15 28.17	−10 25.6	1.768	2.746	7.0	18.9
6 10	15 20.79	−10 52.2	1.821	2.751	10.5	19.2
6 20	15 15.34	−11 27.8	1.897	2.756	13.6	19.4

179869 2002 TQ_{290} 5 17.9 257.°61 4.°0/19.7 18

4 11	16 9.44	−29 9.0	1.783	2.590	15.9	20.6
4 21	16 4.71	−29 36.1	1.687	2.577	12.9	20.3
5 1	15 57.07	−29 51.4	1.611	2.563	9.3	20.1
5 11	15 47.20	−29 52.2	1.559	2.550	5.7	19.9
5 21	15 36.17	−29 37.6	1.533	2.536	4.0	19.7
5 31	15 25.32	−29 9.4	1.533	2.521	6.7	19.8
6 10	15 15.98	−28 32.6	1.559	2.507	10.6	20.0
6 20	15 9.11	−27 53.3	1.608	2.492	14.4	20.2

368875 2006 QA_{185} 5 17.9 327.°75 5.°5/19.7 17

4 11	16 2.49	−28 36.8	1.167	2.016	20.0	20.6
4 21	16 0.73	−29 24.6	1.079	1.993	16.3	20.2
5 1	15 55.25	−29 59.3	1.008	1.971	12.0	19.9
5 11	15 46.69	−30 16.4	0.957	1.951	7.5	19.6
5 21	15 36.33	−30 12.9	0.928	1.931	5.5	19.4
5 31	15 26.05	−29 50.2	0.920	1.913	8.8	19.5
6 10	15 17.77	−29 14.5	0.934	1.896	13.9	19.7
6 20	15 12.87	−28 34.7	0.965	1.881	18.8	20.0

8976 Leucura 5 17.9 132.°57 0.°7/17.5 18

4 11	16 3.99	−18 19.8	2.586	3.404	11.2	18.8
4 21	15 59.17	−18 3.4	2.508	3.413	8.6	18.7
5 1	15 52.70	−17 42.8	2.454	3.422	5.5	18.5
5 11	15 45.14	−17 19.4	2.428	3.431	2.3	18.3
5 21	15 37.14	−16 55.2	2.430	3.439	1.4	18.2
5 31	15 29.45	−16 32.4	2.461	3.447	4.6	18.4
6 10	15 22.74	−16 13.5	2.519	3.455	7.6	18.6
6 20	15 17.49	−16 0.4	2.602	3.463	10.3	18.8

286134 2001 TY_{178} 5 17.9 216°.12 3°.9/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.04	−31 47.9	2.449	3.231	12.8	21.3
4 21	16 2.01	−32 12.8	2.355	3.227	10.4	21.2
5 1	15 54.84	−32 26.7	2.283	3.223	7.7	21.0
5 11	15 46.13	−32 28.0	2.237	3.218	5.1	20.8
5 21	15 36.69	−32 16.1	2.218	3.213	3.9	20.7
5 31	15 27.47	−31 52.6	2.227	3.208	5.5	20.8
6 10	15 19.39	−31 20.9	2.263	3.203	8.2	21.0
6 20	15 13.13	−30 45.4	2.323	3.197	10.9	21.1

63409 2001 KY_{38} 5 17.9 307°.63 5°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.88	− 9 39.1	1.420	2.273	16.8	18.8
4 21	16 1.55	− 9 10.8	1.323	2.245	13.3	18.5
5 1	15 55.23	− 8 43.2	1.247	2.217	9.4	18.2
5 11	15 46.52	− 8 21.3	1.193	2.190	5.8	17.9
5 21	15 36.45	− 8 9.7	1.163	2.162	5.8	17.9
5 31	15 26.40	− 8 12.8	1.157	2.135	9.8	18.0
6 10	15 17.78	− 8 33.3	1.174	2.109	14.5	18.2
6 20	15 11.67	− 9 11.6	1.210	2.083	18.9	18.4

301053 2008 UX_{1} 5 17.9 247°.33 0°.5/17.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.25	−21 2.3	1.511	2.347	16.9	21.4
4 21	16 3.91	−20 33.9	1.422	2.336	13.1	21.2
5 1	15 56.56	−19 54.6	1.354	2.325	8.7	20.9
5 11	15 46.98	−19 6.0	1.309	2.313	3.6	20.6
5 21	15 36.30	−18 11.5	1.290	2.301	1.8	20.4
5 31	15 25.94	−17 16.8	1.297	2.288	7.1	20.7
6 10	15 17.25	−16 28.4	1.328	2.275	12.1	20.9
6 20	15 11.13	−15 51.4	1.381	2.262	16.5	21.2

272741 2005 YZ_{113} 5 17.9 32°.40 0°.1/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.08	−19 33.2	1.587	2.426	16.0	20.3
4 21	16 1.86	−19 38.4	1.517	2.432	12.4	20.1
5 1	15 54.97	−19 37.7	1.467	2.439	8.1	19.8
5 11	15 46.22	−19 31.9	1.442	2.445	3.4	19.6
5 21	15 36.68	−19 22.5	1.442	2.453	1.5	19.4
5 31	15 27.60	−19 12.5	1.468	2.460	6.3	19.8
6 10	15 20.11	−19 5.2	1.519	2.468	10.6	20.0
6 20	15 14.96	−19 3.7	1.591	2.477	14.4	20.3

157388 2004 TC_{185} 5 17.9 305°.53 0°.6/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.40	−22 20.9	1.646	2.481	15.7	20.3
4 21	16 0.77	−22 11.9	1.553	2.466	12.3	20.1
5 1	15 54.44	−21 53.3	1.482	2.452	8.2	19.8
5 11	15 46.08	−21 25.7	1.434	2.437	3.6	19.5
5 21	15 36.70	−20 51.1	1.412	2.423	1.5	19.3
5 31	15 27.56	−20 13.3	1.416	2.409	6.3	19.6
6 10	15 19.87	−19 37.7	1.445	2.396	10.9	19.8
6 20	15 14.50	−19 8.9	1.495	2.383	15.1	20.0

504060 2005 YJ_{65} 5 17.9 314°.61 7°.3/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.66	− 2 39.8	1.587	2.427	16.0	20.2
4 21	16 1.57	− 2 9.9	1.505	2.413	13.0	20.0
5 1	15 54.87	− 1 48.2	1.444	2.399	9.9	19.7
5 11	15 46.23	− 1 40.1	1.406	2.386	7.6	19.6
5 21	15 36.65	− 1 49.9	1.392	2.373	7.9	19.6
5 31	15 27.31	− 2 20.1	1.403	2.361	10.5	19.7
6 10	15 19.36	− 3 10.5	1.437	2.349	14.0	19.8
6 20	15 13.64	− 4 18.5	1.492	2.337	17.4	20.0

338886 2004 BY_{140} 5 17.9 218°.80 0°.5/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.95	−23 3.6	4.812	5.612	6.7	21.3
4 21	15 52.46	−22 54.9	4.716	5.610	5.1	21.1
5 1	15 48.10	−22 42.4	4.646	5.607	3.4	21.0
5 11	15 43.19	−22 26.6	4.604	5.605	1.5	20.9
5 21	15 38.03	−22 8.5	4.592	5.602	0.7	20.8
5 31	15 32.99	−21 49.0	4.610	5.600	2.5	20.9
6 10	15 28.40	−21 29.6	4.656	5.597	4.3	21.1
6 20	15 24.54	−21 11.5	4.729	5.594	5.9	21.2

236335 2006 BZ_{111} 5 17.9 148°.96 0°.2/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.49	−20 14.8	2.318	3.131	12.5	22.1
4 21	16 2.05	−20 2.6	2.239	3.141	9.6	22.0
5 1	15 54.68	−19 44.5	2.184	3.150	6.2	21.8
5 11	15 46.00	−19 21.7	2.155	3.158	2.6	21.5
5 21	15 36.80	−18 55.8	2.155	3.166	1.2	21.4
5 31	15 27.96	−18 29.7	2.185	3.173	4.9	21.7
6 10	15 20.28	−18 6.3	2.241	3.180	8.3	21.9
6 20	15 14.32	−17 48.3	2.322	3.186	11.3	22.1

479200 2013 CW_{86} 5 17.9 198°.29 1°.2/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.13	−25 29.8	2.568	3.373	11.6	21.5
4 21	15 58.69	−25 12.0	2.477	3.372	9.1	21.3
5 1	15 52.49	−24 45.2	2.410	3.371	6.1	21.1
5 11	15 45.09	−24 10.1	2.370	3.369	3.0	20.9
5 21	15 37.19	−23 28.5	2.358	3.368	1.4	20.8
5 31	15 29.57	−22 43.1	2.375	3.366	4.3	21.0
6 10	15 22.95	−21 57.8	2.420	3.364	7.5	21.2
6 20	15 17.86	−21 15.9	2.489	3.362	10.3	21.4

175892 1999 XJ_{47} 5 17.9 135°.00 0°.8/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.40	−23 42.7	1.913	2.728	14.7	21.0
4 21	16 3.92	−23 24.8	1.839	2.740	11.4	20.8
5 1	15 56.06	−22 56.9	1.787	2.752	7.5	20.6
5 11	15 46.60	−22 19.9	1.761	2.763	3.4	20.4
5 21	15 36.55	−21 36.3	1.763	2.774	1.4	20.2
5 31	15 27.01	−20 49.9	1.792	2.784	5.5	20.5
6 10	15 18.96	−20 5.8	1.849	2.793	9.4	20.8
6 20	15 13.04	−19 28.0	1.928	2.802	12.8	21.0

33482 1999 GO_{4} 5 17.9 17°.07 5°.1/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.83	−10 47.7	1.430	2.287	16.5	18.6
4 21	15 59.43	− 9 52.4	1.366	2.290	12.8	18.3
5 1	15 53.40	− 8 56.4	1.322	2.294	8.8	18.1
5 11	15 45.56	− 8 5.3	1.302	2.298	5.5	17.9
5 21	15 37.00	− 7 24.8	1.306	2.303	5.8	18.0
5 31	15 28.94	− 6 59.7	1.335	2.309	9.2	18.2
6 10	15 22.48	− 6 52.9	1.386	2.315	13.1	18.4
6 20	15 18.33	− 7 4.2	1.457	2.322	16.7	18.6

497076 2003 VP_{2} 5 17.9 237°.95 1°.0/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.90	−24 9.8	1.926	2.740	14.6	22.3
4 21	16 3.88	−23 51.9	1.825	2.726	11.5	22.1
5 1	15 56.29	−23 23.0	1.746	2.710	7.7	21.8
5 11	15 46.82	−22 43.3	1.693	2.694	3.5	21.5
5 21	15 36.41	−21 54.8	1.667	2.677	1.5	21.3
5 31	15 26.22	−21 1.5	1.668	2.660	5.8	21.6
6 10	15 17.37	−20 8.8	1.697	2.641	10.1	21.8
6 20	15 10.68	−19 22.0	1.749	2.623	13.9	22.0

310170 2011 SN_{7} 5 17.9 247°.92 4°.0/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.91	−31 17.3	2.380	3.166	13.0	21.1
4 21	16 2.01	−31 48.0	2.285	3.159	10.6	21.0
5 1	15 54.90	−32 8.2	2.212	3.153	7.8	20.8
5 11	15 46.19	−32 16.0	2.164	3.146	5.2	20.6
5 21	15 36.70	−32 10.6	2.144	3.140	4.0	20.5
5 31	15 27.40	−31 53.4	2.151	3.133	5.6	20.6
6 10	15 19.24	−31 27.5	2.186	3.126	8.4	20.8
6 20	15 12.94	−30 57.5	2.244	3.119	11.2	20.9

306839 2001 SG_{35} 5 17.9 226°.49 1°.2/17.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.56	−17 56.5	1.942	2.762	14.3	22.4
4 21	16 5.04	−17 34.4	1.843	2.749	11.1	22.1
5 1	15 57.01	−17 6.1	1.766	2.734	7.3	21.9
5 11	15 47.12	−16 33.3	1.716	2.719	3.1	21.6
5 21	15 36.29	−15 58.5	1.693	2.702	2.1	21.4
5 31	15 25.66	−15 25.5	1.699	2.685	6.4	21.7
6 10	15 16.32	−14 58.2	1.731	2.666	10.6	21.9
6 20	15 9.07	−14 40.0	1.786	2.646	14.3	22.1

157178 2004 PR_{61} 5 17.9 271°.81 0°.8/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.46	−21 47.9	1.938	2.759	14.3	20.5
4 21	16 2.84	−21 54.2	1.833	2.738	11.2	20.3
5 1	15 55.69	−21 53.7	1.751	2.718	7.5	20.0
5 11	15 46.62	−21 46.3	1.694	2.696	3.4	19.7
5 21	15 36.50	−21 32.7	1.664	2.675	1.4	19.5
5 31	15 26.47	−21 15.2	1.662	2.653	5.8	19.8
6 10	15 17.66	−20 57.4	1.685	2.631	10.0	20.0
6 20	15 10.92	−20 43.1	1.732	2.609	13.9	20.2

42277 2001 SQ_{51} 5 17.9 72°.30 1°.3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.33	−13 45.0	4.249	5.067	7.2	19.3
4 21	15 52.80	−13 28.9	4.165	5.071	5.4	19.2
5 1	15 48.35	−13 12.0	4.107	5.074	3.6	19.0
5 11	15 43.31	−12 55.6	4.078	5.078	1.8	18.9
5 21	15 38.02	−12 40.7	4.078	5.082	1.6	18.9
5 31	15 32.88	−12 28.7	4.107	5.085	3.3	19.0
6 10	15 28.23	−12 20.6	4.164	5.089	5.2	19.2
6 20	15 24.37	−12 17.3	4.248	5.092	7.0	19.3

121197 1999 NB_{33} 5 17.9 267°.05 18°.0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.02	−53 17.5	1.203	1.933	26.0	19.2
4 21	16 15.73	−55 7.5	1.134	1.930	23.9	19.0
5 1	16 6.29	−56 25.4	1.077	1.926	21.7	18.8
5 11	15 51.64	−56 56.8	1.034	1.922	19.6	18.7
5 21	15 34.25	−56 30.2	1.008	1.919	18.3	18.6
5 31	15 17.82	−55 3.7	0.999	1.915	18.1	18.5
6 10	15 5.59	−52 48.8	1.009	1.911	19.3	18.6
6 20	14 59.12	−50 4.5	1.036	1.908	21.4	18.7

410267 2007 TV_{141} 5 17.9 240°.57 2°.6/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.66	−15 51.6	1.753	2.587	15.0	21.8
4 21	16 2.98	−15 7.7	1.660	2.574	11.6	21.6
5 1	15 55.73	−14 17.4	1.590	2.560	7.7	21.3
5 11	15 46.60	−13 24.1	1.544	2.546	3.7	21.0
5 21	15 36.55	−12 32.0	1.525	2.531	3.4	21.0
5 31	15 26.75	−11 46.2	1.534	2.515	7.4	21.2
6 10	15 18.31	−11 11.5	1.567	2.499	11.7	21.4
6 20	15 12.06	−10 50.7	1.622	2.482	15.5	21.6

342387 2008 UN_{34} 5 17.9 142°.45 0°.8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.30	−20 57.9	2.256	3.066	12.9	21.2
4 21	16 3.61	−21 20.0	2.175	3.074	10.0	21.0
5 1	15 55.81	−21 37.3	2.117	3.081	6.6	20.8
5 11	15 46.53	−21 49.4	2.086	3.088	2.9	20.5
5 21	15 36.61	−21 56.7	2.084	3.095	1.3	20.4
5 31	15 26.98	−22 0.3	2.111	3.101	4.9	20.7
6 10	15 18.55	−22 2.6	2.165	3.107	8.4	20.9
6 20	15 11.95	−22 5.9	2.244	3.112	11.5	21.1

105606 2000 RV_{95} 5 17.9 297°.67 0°.8/17.6 18

4 11	16 4.11	−17 35.9	2.104	2.933	13.0	19.5
4 21	15 59.90	−17 33.6	2.008	2.919	10.1	19.3
5 1	15 53.55	−17 27.6	1.935	2.905	6.6	19.0
5 11	15 45.65	−17 19.1	1.888	2.891	2.8	18.8
5 21	15 36.97	−17 9.6	1.868	2.878	1.6	18.7
5 31	15 28.47	−17 1.3	1.876	2.865	5.5	18.9
6 10	15 21.05	−16 56.8	1.910	2.851	9.3	19.1
6 20	15 15.41	−16 58.3	1.967	2.838	12.7	19.3

236837 2007 RG_{79} 5 17.9 235°.88 5°.6/14.0 17

4 11	16 3.18	− 5 40.6	2.187	3.017	12.6	20.8
4 21	15 58.88	− 4 35.8	2.105	3.009	10.0	20.7
5 1	15 52.70	− 3 33.0	2.046	3.001	7.4	20.5
5 11	15 45.23	− 2 36.8	2.014	2.993	5.8	20.4
5 21	15 37.19	− 1 51.9	2.008	2.985	6.2	20.4
5 31	15 29.40	− 1 22.0	2.029	2.976	8.5	20.5
6 10	15 22.64	− 1 9.1	2.075	2.967	11.2	20.6
6 20	15 17.49	− 1 13.2	2.143	2.958	13.8	20.8

379363 2009 WH_{192} 5 17.9 130°.85 0°.6/18.3 17

4 11	16 8.24	−21 42.1	2.038	2.855	13.8	22.1
4 21	16 2.95	−21 43.4	1.962	2.864	10.7	21.9
5 1	15 55.43	−21 37.9	1.908	2.874	7.0	21.7
5 11	15 46.37	−21 25.9	1.880	2.883	3.1	21.5
5 21	15 36.70	−21 8.8	1.880	2.891	1.3	21.4
5 31	15 27.42	−20 49.2	1.909	2.899	5.2	21.6
6 10	15 19.47	−20 30.4	1.963	2.907	9.0	21.9
6 20	15 13.50	−20 15.6	2.042	2.915	12.3	22.1

221927 2009 OQ_{9} 5 17.9 246°.45 2°.2/16.6 18

4 11	16 7.13	−15 41.4	2.145	2.969	13.0	21.3
4 21	16 2.17	−15 2.5	2.041	2.949	10.1	21.0
5 1	15 55.02	−14 18.2	1.960	2.928	6.7	20.8
5 11	15 46.27	−13 31.3	1.906	2.907	3.2	20.5
5 21	15 36.71	−12 45.0	1.879	2.885	2.9	20.5
5 31	15 27.29	−12 3.4	1.882	2.862	6.4	20.6
6 10	15 18.95	−11 30.3	1.911	2.838	10.2	20.8
6 20	15 12.41	−11 8.4	1.963	2.814	13.6	21.0

308531 2005 UZ_{121} 5 17.9 270°.50 1°.6/16.7 17

4 11	16 1.87	−18 0.3	2.381	3.208	11.8	20.3
4 21	15 57.81	−17 5.6	2.288	3.198	9.0	20.1
5 1	15 51.97	−16 4.0	2.218	3.188	5.9	19.9
5 11	15 44.92	−14 58.5	2.176	3.179	2.6	19.7
5 21	15 37.33	−13 52.7	2.162	3.169	2.3	19.6
5 31	15 29.99	−12 51.0	2.177	3.159	5.5	19.8
6 10	15 23.63	−11 57.3	2.218	3.149	8.8	20.0
6 20	15 18.80	−11 14.5	2.284	3.139	11.8	20.2

65685 Behring 5 17.9 183°.54 1°.9/19.1 18

4 11	16 6.88	−26 21.3	2.214	3.018	13.3	20.4
4 21	16 1.89	−26 19.2	2.126	3.019	10.4	20.2
5 1	15 54.75	−26 7.2	2.061	3.019	7.2	20.0
5 11	15 46.11	−25 45.1	2.021	3.018	3.7	19.8
5 21	15 36.81	−25 14.0	2.009	3.018	2.1	19.7
5 31	15 27.82	−24 36.7	2.026	3.017	5.0	19.9
6 10	15 20.06	−23 57.4	2.069	3.015	8.5	20.1
6 20	15 14.18	−23 20.2	2.137	3.013	11.7	20.3

419976 2011 CD_{4} 5 17.9 86°.01 2°.6/19.3 14 C

4 11	16 11.46	−27 10.6	1.840	2.646	15.5	21.9
4 21	16 5.53	−27 21.6	1.781	2.673	12.2	21.7
5 1	15 57.09	−27 20.9	1.744	2.700	8.4	21.5
5 11	15 47.03	−27 7.8	1.731	2.727	4.5	21.4
5 21	15 36.45	−26 43.5	1.746	2.753	2.7	21.3
5 31	15 26.53	−26 11.3	1.788	2.778	5.6	21.5
6 10	15 18.29	−25 36.0	1.857	2.803	9.2	21.8
6 20	15 12.36	−25 2.6	1.949	2.828	12.5	22.0

286294 2001 VA_{134} 5 17.9 321°.77 1°.9/17.2 18

4 11	16 6.03	−13 39.7	1.935	2.767	13.8	20.0
4 21	16 1.48	−13 50.5	1.847	2.759	10.7	19.8
5 1	15 54.63	−14 1.7	1.782	2.751	7.1	19.6
5 11	15 46.12	−14 14.4	1.742	2.744	3.3	19.3
5 21	15 36.79	−14 29.8	1.729	2.737	2.5	19.2
5 31	15 27.67	−14 49.2	1.744	2.730	6.2	19.5
6 10	15 19.75	−15 13.9	1.784	2.723	10.1	19.7
6 20	15 13.76	−15 44.6	1.848	2.717	13.5	19.9

333286 1999 RE_{125} 5 17.9 278°.22 3°.5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.80	−29 8.4	2.001	2.803	14.6	20.4
4 21	16 3.25	−29 24.6	1.890	2.778	11.8	20.1
5 1	15 56.06	−29 29.2	1.800	2.752	8.5	19.9
5 11	15 46.82	−29 20.4	1.735	2.727	5.1	19.6
5 21	15 36.44	−28 57.4	1.697	2.700	3.5	19.4
5 31	15 26.12	−28 22.3	1.685	2.674	6.1	19.5
6 10	15 17.05	−27 39.6	1.700	2.647	9.9	19.7
6 20	15 10.15	−26 54.9	1.738	2.620	13.6	19.9

393401 2000 WH_{150} 5 17.9 197°.10 1°.1/18.7 18

4 11	16 5.20	−23 43.9	2.851	3.651	10.7	22.3
4 21	16 0.15	−23 50.8	2.756	3.649	8.4	22.1
5 1	15 53.42	−23 51.7	2.686	3.645	5.6	21.9
5 11	15 45.52	−23 46.6	2.643	3.642	2.7	21.7
5 21	15 37.09	−23 36.0	2.628	3.638	1.3	21.6
5 31	15 28.85	−23 21.6	2.644	3.634	4.1	21.8
6 10	15 21.49	−23 5.7	2.688	3.629	7.0	22.0
6 20	15 15.55	−22 50.8	2.757	3.624	9.6	22.1

471631 2012 TJ_{49} 5 17.9 322°.82 3°.2/16.0 17

4 11	16 1.61	−15 30.7	1.638	2.487	15.1	21.3
4 21	15 58.41	−14 31.1	1.553	2.475	11.7	21.0
5 1	15 52.77	−13 24.4	1.490	2.463	7.8	20.8
5 11	15 45.36	−12 15.2	1.451	2.452	4.0	20.5
5 21	15 37.15	−11 9.0	1.438	2.442	4.0	20.5
5 31	15 29.25	−10 11.9	1.451	2.431	7.9	20.7
6 10	15 22.71	− 9 29.1	1.487	2.422	12.0	20.9
6 20	15 18.28	− 9 3.3	1.545	2.412	15.7	21.1

340486 2006 HM_{79} 5 17.9 214°.98 0°.5/18.2 18

4 11	16 6.43	−21 7.9	2.005	2.827	13.8	21.1
4 21	16 1.73	−21 13.7	1.920	2.826	10.7	20.8
5 1	15 54.75	−21 13.4	1.858	2.825	7.1	20.6
5 11	15 46.15	−21 7.2	1.821	2.824	3.1	20.4
5 21	15 36.81	−20 56.3	1.812	2.823	1.3	20.2
5 31	15 27.77	−20 43.0	1.830	2.822	5.4	20.5
6 10	15 19.99	−20 30.3	1.875	2.820	9.2	20.7
6 20	15 14.17	−20 21.3	1.943	2.819	12.6	20.9

467023 2016 CY_{166} 5 17.9 26°.31 2°.7/16.9 17

4 11	16 5.72	−15 33.2	1.197	2.058	18.8	20.8
4 21	16 2.24	−15 8.3	1.135	2.063	14.5	20.6
5 1	15 55.53	−14 38.9	1.092	2.068	9.5	20.3
5 11	15 46.56	−14 8.7	1.070	2.074	4.4	20.0
5 21	15 36.65	−13 42.0	1.072	2.080	3.6	20.0
5 31	15 27.36	−13 23.7	1.098	2.087	8.5	20.3
6 10	15 20.06	−13 17.6	1.146	2.095	13.4	20.6
6 20	15 15.58	−13 25.4	1.213	2.103	17.7	20.9

197907 2004 RD_{42} 5 17.9 221°.78 5°.6/13.4 18

4 11	16 4.51	− 5 13.1	2.422	3.243	11.8	21.4
4 21	15 59.73	− 3 55.8	2.334	3.232	9.4	21.2
5 1	15 53.19	− 2 39.5	2.271	3.221	7.1	21.0
5 11	15 45.44	− 1 29.2	2.234	3.209	5.7	20.9
5 21	15 37.14	− 0 29.5	2.226	3.196	6.2	20.9
5 31	15 29.05	+ 0 15.6	2.246	3.183	8.3	21.0
6 10	15 21.90	+ 0 43.6	2.291	3.169	10.9	21.2
6 20	15 16.24	+ 0 54.0	2.358	3.154	13.3	21.3

216167 2006 SD_{389} 5 17.9 52°.53 5°.8/14.8 17

4 11	16 3.33	− 4 15.9	2.004	2.837	13.4	20.7
4 21	15 58.96	− 3 33.7	1.946	2.851	10.6	20.5
5 1	15 52.70	− 2 57.0	1.910	2.865	7.9	20.3
5 11	15 45.20	− 2 30.0	1.900	2.880	6.0	20.3
5 21	15 37.27	− 2 16.0	1.915	2.894	6.3	20.3
5 31	15 29.76	− 2 17.2	1.957	2.909	8.4	20.5
6 10	15 23.44	− 2 34.0	2.023	2.924	11.1	20.6
6 20	15 18.83	− 3 5.2	2.111	2.939	13.6	20.8

106773 2000 XG_{16} 5 17.9 101°.09 4°.9/22.0 18

4 11	16 6.71	−37 53.2	2.529	3.285	13.1	19.8
4 21	16 1.59	−37 52.1	2.449	3.297	10.9	19.6
5 1	15 54.43	−37 35.4	2.390	3.309	8.4	19.5
5 11	15 45.93	−37 1.6	2.356	3.321	6.1	19.3
5 21	15 36.95	−36 11.7	2.349	3.332	4.9	19.3
5 31	15 28.44	−35 8.4	2.370	3.344	5.7	19.4
6 10	15 21.22	−33 56.8	2.418	3.355	7.9	19.5
6 20	15 15.85	−32 42.5	2.491	3.366	10.2	19.7

214157 2005 CC_{13} 5 17.9 359°.48 0°.2/17.9 17

4 11	16 3.69	−19 31.1	1.159	2.022	19.2	20.3
4 21	16 1.00	−19 33.4	1.090	2.019	14.9	20.0
5 1	15 54.95	−19 28.1	1.040	2.017	9.8	19.7
5 11	15 46.40	−19 16.4	1.012	2.016	4.1	19.4
5 21	15 36.70	−19 0.7	1.006	2.017	1.9	19.3
5 31	15 27.51	−18 45.1	1.023	2.018	7.7	19.6
6 10	15 20.32	−18 34.5	1.062	2.021	13.1	19.9
6 20	15 16.09	−18 32.8	1.120	2.024	17.7	20.2

68604 2002 AJ_{100} 5 17.9 343°.94 4°.0/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.63	−12 2.9	1.154	2.021	19.0	18.6
4 21	16 1.69	−11 51.4	1.083	2.013	14.8	18.3
5 1	15 55.40	−11 40.7	1.030	2.006	10.0	18.0
5 11	15 46.61	−11 34.6	0.999	2.000	5.2	17.7
5 21	15 36.60	−11 36.8	0.990	1.995	4.7	17.7
5 31	15 26.99	−11 50.5	1.004	1.991	9.3	17.9
6 10	15 19.29	−12 17.8	1.039	1.988	14.4	18.2
6 20	15 14.53	−12 58.5	1.093	1.986	18.9	18.4

431891 2008 SM_{265} 5 17.9 324°.26 4°.3/19.4 16

4 11	16 4.35	−27 26.6	1.455	2.288	17.6	20.8
4 21	16 1.46	−28 8.1	1.359	2.266	14.2	20.5
5 1	15 55.36	−28 39.2	1.283	2.244	10.2	20.3
5 11	15 46.67	−28 56.8	1.229	2.223	6.1	20.0
5 21	15 36.52	−28 59.1	1.199	2.203	4.3	19.8
5 31	15 26.42	−28 47.1	1.193	2.184	7.5	19.9
6 10	15 17.95	−28 25.4	1.209	2.166	12.1	20.1
6 20	15 12.26	−28 0.4	1.247	2.149	16.4	20.3

298697 2004 EC_{18} 5 17.9 42°.86 0°.1/17.9 18

4 11	16 8.09	−17 39.8	2.050	2.872	13.6	19.8
4 21	16 2.90	−18 7.6	1.969	2.876	10.5	19.6
5 1	15 55.48	−18 33.3	1.911	2.879	6.8	19.4
5 11	15 46.45	−18 56.8	1.879	2.882	2.9	19.2
5 21	15 36.70	−19 18.2	1.875	2.886	1.3	19.0
5 31	15 27.22	−19 38.2	1.899	2.889	5.3	19.3
6 10	15 18.98	−19 58.5	1.950	2.893	9.1	19.6
6 20	15 12.66	−20 20.6	2.025	2.897	12.4	19.8

105989 2000 SV_{271} 5 17.9 122°.57 4°.1/14.7 18

4 11	16 2.07	− 7 55.0	2.638	3.463	10.8	20.3
4 21	15 57.60	− 6 59.4	2.570	3.474	8.4	20.1
5 1	15 51.64	− 6 5.0	2.527	3.485	6.0	20.0
5 11	15 44.73	− 5 15.3	2.511	3.496	4.3	19.9
5 21	15 37.48	− 4 33.7	2.523	3.507	4.6	19.9
5 31	15 30.53	− 4 2.8	2.563	3.517	6.6	20.1
6 10	15 24.49	− 3 44.4	2.629	3.527	8.9	20.2
6 20	15 19.78	− 3 38.7	2.719	3.537	11.2	20.4

177655 2005 AF_{32} 5 17.9 324°.37 5°.4/12.0 18

4 11	15 56.33	+ 5 21.4	3.877	4.674	8.2	19.2
4 21	15 52.90	+ 5 59.2	3.800	4.666	6.9	19.1
5 1	15 48.47	+ 6 30.5	3.747	4.658	5.9	19.0
5 11	15 43.40	+ 6 52.6	3.721	4.650	5.4	18.9
5 21	15 38.05	+ 7 3.6	3.721	4.643	5.8	18.9
5 31	15 32.84	+ 7 2.3	3.747	4.635	6.7	19.0
6 10	15 28.15	+ 6 48.5	3.798	4.628	8.0	19.1
6 20	15 24.30	+ 6 22.8	3.871	4.621	9.3	19.2

455648 2004 YX_{15} 5 17.9 70°.63 2°.5/19.2 18

4 11	16 12.14	−26 47.4	1.396	2.221	18.6	21.2
4 21	16 6.64	−26 46.3	1.346	2.249	14.5	21.0
5 1	15 58.04	−26 30.6	1.315	2.278	9.9	20.8
5 11	15 47.47	−26 0.2	1.307	2.306	5.0	20.6
5 21	15 36.33	−25 17.6	1.325	2.333	2.7	20.5
5 31	15 26.13	−24 28.2	1.368	2.361	6.6	20.8
6 10	15 18.07	−23 38.8	1.436	2.388	10.9	21.2
6 20	15 12.84	−22 55.6	1.526	2.415	14.7	21.5

220988 2005 NE_{32} 5 17.9 277°.14 3°.7/15.9 18 R

4 11	16 5.49	−13 25.3	1.747	2.586	14.8	20.9
4 21	16 1.42	−12 34.7	1.647	2.563	11.5	20.6
5 1	15 54.81	−11 39.1	1.569	2.539	7.8	20.4
5 11	15 46.28	−10 42.4	1.516	2.515	4.4	20.1
5 21	15 36.75	− 9 49.5	1.489	2.491	4.4	20.0
5 31	15 27.34	− 9 5.9	1.489	2.466	8.2	20.2
6 10	15 19.20	− 8 36.0	1.513	2.441	12.3	20.4
6 20	15 13.16	− 8 22.5	1.559	2.415	16.2	20.6

106535 2000 WR_{62} 5 17.9 219°.04 6°.2/12.7 18

4 11	16 2.24	+ 1 36.0	2.879	3.686	10.5	19.6
4 21	15 57.71	+ 2 30.6	2.798	3.678	8.7	19.5
5 1	15 51.75	+ 3 19.2	2.741	3.669	7.1	19.3
5 11	15 44.81	+ 3 57.8	2.710	3.659	6.3	19.3
5 21	15 37.45	+ 4 23.5	2.706	3.650	6.7	19.3
5 31	15 30.27	+ 4 33.8	2.729	3.639	8.1	19.4
6 10	15 23.86	+ 4 28.3	2.777	3.629	10.0	19.5
6 20	15 18.67	+ 4 7.5	2.848	3.618	11.9	19.6

391768 2008 FP_{39} 5 17.9 325°.10 4°.2/19.7 16

4 11	16 7.52	−29 16.4	2.144	2.942	13.9	21.3
4 21	16 2.79	−30 10.3	2.050	2.933	11.2	21.1
5 1	15 55.63	−30 55.8	1.978	2.925	8.2	20.9
5 11	15 46.61	−31 30.2	1.931	2.916	5.4	20.7
5 21	15 36.62	−31 51.7	1.911	2.909	4.2	20.6
5 31	15 26.75	−32 0.3	1.919	2.901	6.1	20.7
6 10	15 18.08	−31 58.8	1.953	2.894	9.2	20.9
6 20	15 11.44	−31 51.1	2.010	2.887	12.2	21.1

170890 2004 SA_{46} 5 17.9 315°.26 3°.2/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.99	−17 13.5	1.227	2.090	18.3	19.6
4 21	16 0.33	−16 13.5	1.147	2.077	14.2	19.3
5 1	15 54.47	−15 2.3	1.086	2.064	9.4	19.0
5 11	15 46.22	−13 45.0	1.048	2.051	4.5	18.7
5 21	15 36.80	−12 28.7	1.033	2.040	4.2	18.6
5 31	15 27.77	−11 21.9	1.042	2.028	9.2	18.8
6 10	15 20.54	−10 32.2	1.072	2.018	14.4	19.1
6 20	15 16.10	−10 3.5	1.121	2.008	19.1	19.3

190682 2001 CF_{31} 5 17.9 146°.73 0°.3/17.8 18

4 11	16 8.36	−18 37.0	2.263	3.078	12.7	20.2
4 21	16 2.83	−18 43.7	2.183	3.086	9.8	20.0
5 1	15 55.28	−18 46.5	2.127	3.093	6.4	19.8
5 11	15 46.33	−18 45.9	2.097	3.100	2.6	19.5
5 21	15 36.80	−18 43.1	2.096	3.107	1.2	19.4
5 31	15 27.58	−18 39.8	2.124	3.113	5.0	19.7
6 10	15 19.53	−18 38.1	2.180	3.119	8.5	19.9
6 20	15 13.24	−18 40.2	2.259	3.124	11.5	20.2

367718 2010 TN_{145} 5 17.9 119°.34 3°.8/19.7 17

4 11	16 10.04	−28 36.0	1.650	2.462	16.7	21.3
4 21	16 5.15	−29 2.9	1.573	2.466	13.4	21.1
5 1	15 57.30	−29 17.1	1.516	2.471	9.5	20.9
5 11	15 47.31	−29 16.5	1.482	2.475	5.6	20.7
5 21	15 36.36	−29 0.7	1.475	2.479	3.9	20.6
5 31	15 25.86	−28 32.3	1.493	2.483	6.6	20.7
6 10	15 17.10	−27 56.8	1.537	2.486	10.6	21.0
6 20	15 10.94	−27 20.4	1.603	2.490	14.3	21.2

362964 2013 BL_{55} 5 17.9 272°.24 3°.9/20.6 18

4 11	16 5.07	−32 41.4	2.310	3.096	13.3	20.7
4 21	16 0.62	−32 47.6	2.217	3.091	10.9	20.6
5 1	15 53.99	−32 40.5	2.145	3.086	8.0	20.4
5 11	15 45.84	−32 19.0	2.099	3.081	5.3	20.2
5 21	15 37.01	−31 43.3	2.079	3.076	3.9	20.1
5 31	15 28.47	−30 56.0	2.087	3.071	5.5	20.2
6 10	15 21.14	−30 1.8	2.122	3.067	8.4	20.3
6 20	15 15.68	−29 5.7	2.181	3.062	11.3	20.5

105711 2000 SO_{73} 5 17.9 226°.38 0°.5/17.6 18

4 11	16 4.08	−18 40.8	2.792	3.605	10.6	20.8
4 21	15 59.30	−18 30.1	2.693	3.595	8.2	20.6
5 1	15 52.90	−18 15.3	2.618	3.585	5.3	20.4
5 11	15 45.34	−17 57.4	2.571	3.574	2.2	20.2
5 21	15 37.25	−17 37.9	2.553	3.563	1.2	20.1
5 31	15 29.31	−17 18.9	2.564	3.551	4.4	20.3
6 10	15 22.22	−17 2.5	2.603	3.539	7.4	20.5
6 20	15 16.48	−16 50.9	2.667	3.526	10.1	20.6

335815 2007 JS_{17} 5 17.9 279°.51 7°.1/13.5 18

4 11	16 3.83	− 3 23.4	1.900	2.734	14.0	20.8
4 21	15 59.79	− 2 16.5	1.811	2.715	11.4	20.6
5 1	15 53.55	− 1 13.0	1.745	2.696	8.8	20.4
5 11	15 45.71	− 0 18.9	1.703	2.677	7.2	20.2
5 21	15 37.07	+ 0 20.4	1.687	2.658	7.8	20.2
5 31	15 28.62	+ 0 40.4	1.697	2.638	10.2	20.3
6 10	15 21.30	+ 0 39.3	1.729	2.619	13.2	20.4
6 20	15 15.81	+ 0 17.4	1.782	2.599	16.1	20.6

13495 1985 RD_{3} 5 17.9 211°.80 1°.5/17.3 18

4 11	16 9.77	−17 30.6	1.606	2.440	16.1	18.4
4 21	16 4.81	−17 9.5	1.522	2.436	12.5	18.2
5 1	15 57.04	−16 42.4	1.459	2.430	8.2	17.9
5 11	15 47.22	−16 11.3	1.421	2.425	3.5	17.6
5 21	15 36.43	−15 39.3	1.409	2.418	2.4	17.5
5 31	15 25.98	−15 10.5	1.424	2.411	7.1	17.8
6 10	15 17.12	−14 49.2	1.463	2.404	11.7	18.0
6 20	15 10.69	−14 38.7	1.524	2.396	15.7	18.3

300148 2006 VX_{73} 5 17.9 137°.17 0°.6/18.4 17

4 11	16 3.49	−23 56.5	2.494	3.304	11.8	20.5
4 21	15 58.96	−23 26.3	2.410	3.309	9.1	20.3
5 1	15 52.67	−22 47.3	2.350	3.314	6.0	20.1
5 11	15 45.22	−22 1.0	2.317	3.319	2.7	19.9
5 21	15 37.33	−21 9.7	2.313	3.324	1.1	19.8
5 31	15 29.76	−20 16.9	2.338	3.328	4.4	20.0
6 10	15 23.24	−19 26.3	2.390	3.333	7.6	20.3
6 20	15 18.27	−18 41.5	2.467	3.337	10.5	20.4

63836 2001 RY_{75} 5 17.9 198°.15 1°.6/18.7 18

4 11	16 10.32	−23 27.8	2.139	2.946	13.6	20.2
4 21	16 4.70	−23 50.0	2.048	2.943	10.7	20.0
5 1	15 56.72	−24 5.6	1.980	2.940	7.2	19.8
5 11	15 47.03	−24 13.6	1.937	2.937	3.5	19.5
5 21	15 36.51	−24 14.1	1.923	2.932	1.9	19.4
5 31	15 26.23	−24 8.4	1.937	2.928	5.3	19.6
6 10	15 17.18	−23 59.6	1.979	2.922	9.0	19.8
6 20	15 10.12	−23 51.1	2.045	2.916	12.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
279449 2010 RW_{69}			5 17.9 159°.14		1°.9/16.9 17	
	h m	° ′			°	m
4 11	16 8.54	−15 59.6	1.895	2.723	14.3	21.4
4 21	16 3.28	−15 34.0	1.819	2.729	11.0	21.2
5 1	15 55.71	−15 4.3	1.764	2.734	7.2	20.9
5 11	15 46.56	−14 33.0	1.736	2.738	3.3	20.7
5 21	15 36.75	−14 3.0	1.735	2.743	2.6	20.7
5 31	15 27.35	−13 37.7	1.762	2.746	6.4	20.9
6 10	15 19.32	−13 20.4	1.815	2.749	10.2	21.1
6 20	15 13.33	−13 13.1	1.891	2.752	13.6	21.4
87282 2000 PW_{12}			5 17.9 284°.70		3°.1/20.1 18	
4 11	16 4.37	−30 56.6	2.239	3.034	13.4	18.7
4 21	16 0.17	−30 43.6	2.135	3.018	10.8	18.5
5 1	15 53.77	−30 16.7	2.053	3.003	7.8	18.3
5 11	15 45.79	−29 35.2	1.997	2.987	4.7	18.1
5 21	15 37.08	−28 40.2	1.967	2.971	3.1	17.9
5 31	15 28.61	−27 35.2	1.966	2.955	5.3	18.1
6 10	15 21.32	−26 25.4	1.991	2.940	8.6	18.2
6 20	15 15.91	−25 16.6	2.041	2.924	11.8	18.4
504062 2005 YQ_{87}			5 17.9 226°.40		0°.4/18.2 17	
4 11	16 7.53	−22 10.8	2.293	3.103	12.7	22.8
4 21	16 2.38	−21 57.8	2.192	3.092	9.9	22.6
5 1	15 55.13	−21 37.1	2.115	3.079	6.6	22.4
5 11	15 46.35	−21 9.4	2.064	3.066	2.9	22.1
5 21	15 36.83	−20 36.3	2.041	3.052	1.2	21.9
5 31	15 27.52	−20 0.7	2.048	3.038	5.0	22.2
6 10	15 19.30	−19 26.3	2.082	3.023	8.7	22.4
6 20	15 12.85	−18 56.7	2.140	3.007	12.0	22.6
175691 1995 SM_{38}			5 17.9 307°.72		5°.2/19.9 17	
4 11	16 7.37	−29 58.2	1.423	2.246	18.4	20.4
4 21	16 3.91	−30 39.0	1.333	2.231	15.0	20.1
5 1	15 57.02	−31 6.2	1.262	2.216	11.0	19.8
5 11	15 47.41	−31 15.9	1.212	2.202	7.1	19.6
5 21	15 36.32	−31 5.9	1.186	2.188	5.3	19.4
5 31	15 25.41	−30 37.8	1.185	2.174	8.0	19.5
6 10	15 16.33	−29 57.7	1.206	2.160	12.3	19.7
6 20	15 10.25	−29 13.6	1.248	2.148	16.6	19.9
170093 2002 XJ_{56}			5 17.9 228°.13		4°.0/20.1 18	
4 11	16 10.18	−31 59.9	2.787	3.554	11.8	20.5
4 21	16 4.34	−32 40.2	2.680	3.542	9.6	20.3
5 1	15 56.41	−33 11.5	2.596	3.529	7.2	20.1
5 11	15 46.91	−33 31.6	2.539	3.516	5.0	20.0
5 21	15 36.58	−33 39.2	2.511	3.502	4.0	19.9
5 31	15 26.32	−33 34.6	2.511	3.487	5.3	19.9
6 10	15 17.03	−33 20.5	2.540	3.472	7.8	20.1
6 20	15 9.40	−33 0.3	2.594	3.456	10.3	20.2
367145 2006 UD_{46}			5 17.9 209°.68		0°.6/17.7 17	
4 11	16 8.87	−18 56.2	2.126	2.943	13.3	22.3
4 21	16 3.50	−18 44.4	2.032	2.936	10.3	22.0
5 1	15 55.90	−18 27.0	1.962	2.929	6.8	21.8
5 11	15 46.69	−18 5.3	1.918	2.921	2.8	21.5
5 21	15 36.72	−17 41.1	1.902	2.912	1.5	21.4
5 31	15 27.00	−17 17.1	1.915	2.903	5.5	21.7
6 10	15 18.46	−16 56.8	1.955	2.893	9.4	21.9
6 20	15 11.82	−16 42.8	2.019	2.882	12.8	22.1
18946 Massar			5 17.9 222°.17		0°.2/18.1 18	
4 11	16 4.18	−21 25.7	2.699	3.509	11.0	19.8
4 21	15 59.47	−21 14.3	2.602	3.501	8.5	19.6
5 1	15 53.05	−20 56.9	2.528	3.493	5.6	19.4
5 11	15 45.44	−20 34.4	2.481	3.484	2.4	19.1
5 21	15 37.28	−20 8.2	2.464	3.475	1.0	19.0
5 31	15 29.31	−19 40.6	2.475	3.465	4.3	19.3
6 10	15 22.24	−19 14.4	2.515	3.455	7.4	19.4
6 20	15 16.60	−18 52.1	2.579	3.445	10.3	19.6
391720 2008 CD_{73}			5 17.9 103°.71		3°.0/16.3 17	
4 11	16 4.95	−10 23.1	2.370	3.194	11.9	21.2
4 21	16 0.03	−10 8.4	2.298	3.205	9.2	21.0
5 1	15 53.36	− 9 54.8	2.251	3.216	6.2	20.9
5 11	15 45.54	− 9 44.6	2.230	3.226	3.6	20.7
5 21	15 37.27	− 9 39.7	2.237	3.236	3.4	20.7
5 31	15 29.33	− 9 42.0	2.273	3.247	6.0	20.9
6 10	15 22.42	− 9 52.5	2.335	3.257	8.9	21.1
6 20	15 17.05	−10 11.6	2.421	3.266	11.5	21.3
293640 2007 OX_{7}			5 17.9 310°.75		3°.9/16.2 17	
4 11	16 3.02	−15 4.5	1.225	2.089	18.2	20.5
4 21	16 0.45	−14 11.5	1.141	2.071	14.2	20.2
5 1	15 54.66	−13 10.1	1.075	2.052	9.6	19.8
5 11	15 46.40	−12 5.7	1.032	2.034	5.0	19.5
5 21	15 36.83	−11 4.9	1.012	2.017	4.9	19.5
5 31	15 27.52	−10 15.5	1.015	2.000	9.7	19.7
6 10	15 19.96	− 9 43.9	1.039	1.984	14.9	19.9
6 20	15 15.19	− 9 33.3	1.082	1.968	19.6	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423197 2004 PA_{27}			5 17.9 345°.75		3°.0/19.2 17	
	h m	° ′			°	m
4 11	16 1.77	−25 58.0	1.271	2.120	18.6	20.4
4 21	15 59.56	−26 14.2	1.192	2.110	14.8	20.1
5 1	15 54.09	−26 17.1	1.132	2.100	10.3	19.8
5 11	15 46.14	−26 5.3	1.093	2.092	5.5	19.5
5 21	15 36.96	−25 39.6	1.076	2.085	3.1	19.4
5 31	15 28.14	−25 3.9	1.084	2.079	7.3	19.6
6 10	15 21.19	−24 24.7	1.113	2.075	12.2	19.9
6 20	15 17.11	−23 48.9	1.162	2.072	16.8	20.1
268494 2005 YG_{43}			5 17.9 176°.69		2°.3/16.7 17	
4 11	16 6.05	−14 36.5	1.964	2.795	13.7	21.0
4 21	16 1.35	−14 10.5	1.884	2.796	10.6	20.8
5 1	15 54.46	−13 41.7	1.827	2.797	7.0	20.6
5 11	15 46.07	−13 12.6	1.796	2.797	3.4	20.3
5 21	15 37.03	−12 46.2	1.792	2.797	3.0	20.3
5 31	15 28.33	−12 25.7	1.815	2.797	6.4	20.5
6 10	15 20.87	−12 13.9	1.865	2.797	10.1	20.7
6 20	15 15.31	−12 12.4	1.937	2.797	13.4	20.9
51830 2001 OO_{44}			5 17.9 115°.53		0°.5/18.3 18	
4 11	16 4.28	−23 21.2	2.287	3.102	12.6	18.9
4 21	15 59.71	−22 54.2	2.208	3.109	9.7	18.7
5 1	15 53.25	−22 18.5	2.151	3.116	6.4	18.5
5 11	15 45.52	−21 35.5	2.121	3.124	2.8	18.3
5 21	15 37.30	−20 47.6	2.120	3.131	1.1	18.2
5 31	15 29.45	−19 58.3	2.146	3.137	4.7	18.4
6 10	15 22.74	−19 11.9	2.200	3.144	8.2	18.7
6 20	15 17.72	−18 31.6	2.278	3.150	11.2	18.9
62426 2000 SX_{186}			5 17.9 26°.64		3°.0/14.1 18	
4 11	15 56.19	− 8 4.1	4.040	4.861	7.4	18.7
4 21	15 52.74	− 7 1.8	3.962	4.864	5.8	18.6
5 1	15 48.37	− 5 59.9	3.910	4.866	4.2	18.5
5 11	15 43.41	− 5 0.8	3.887	4.870	3.1	18.4
5 21	15 38.22	− 4 6.9	3.893	4.873	3.4	18.4
5 31	15 33.19	− 3 20.4	3.929	4.876	4.8	18.5
6 10	15 28.68	− 2 42.9	3.992	4.879	6.4	18.6
6 20	15 24.99	− 2 15.0	4.080	4.882	8.0	18.8
288771 2004 RT_{96}			5 17.9 253°.97		7°.9/22.4 18	
4 11	16 10.84	−40 56.6	1.998	2.750	16.2	20.9
4 21	16 5.93	−41 39.5	1.902	2.740	14.0	20.7
5 1	15 57.98	−42 4.2	1.826	2.729	11.5	20.5
5 11	15 47.72	−42 6.0	1.772	2.719	9.2	20.3
5 21	15 36.30	−41 42.1	1.742	2.708	8.0	20.2
5 31	15 25.18	−40 53.7	1.738	2.697	8.7	20.2
6 10	15 15.72	−39 46.5	1.758	2.686	10.9	20.4
6 20	15 8.89	−38 28.6	1.801	2.674	13.6	20.5
281886 2010 KM_{110}			5 17.9 302°.84		8°.4/22.7 18	
4 11	16 8.88	−43 4.2	2.231	2.967	15.2	20.0
4 21	16 4.26	−44 0.4	2.135	2.956	13.2	19.9
5 1	15 56.82	−44 39.8	2.058	2.945	11.2	19.7
5 11	15 47.22	−44 57.9	2.004	2.934	9.3	19.6
5 21	15 36.51	−44 51.7	1.974	2.923	8.4	19.5
5 31	15 26.00	−44 21.5	1.969	2.913	8.9	19.5
6 10	15 16.98	−43 31.5	1.988	2.902	10.5	19.6
6 20	15 10.35	−42 28.5	2.030	2.892	12.8	19.7
487141 2014 OX_{206}			5 17.9 236°.40		0°.9/17.1 17	
4 11	15 59.28	−16 12.8	3.971	4.783	7.7	22.9
4 21	15 55.19	−15 56.2	3.867	4.770	5.9	22.8
5 1	15 50.03	−15 37.5	3.789	4.756	3.8	22.6
5 11	15 44.14	−15 17.8	3.740	4.742	1.7	22.5
5 21	15 37.91	−14 58.3	3.720	4.728	1.3	22.4
5 31	15 31.78	−14 40.6	3.731	4.713	3.4	22.6
6 10	15 26.19	−14 26.0	3.770	4.699	5.6	22.7
6 20	15 21.48	−14 15.8	3.835	4.684	7.6	22.8
277704 2006 DC			5 17.9 60°.03		5°.3/15.7 17	
4 11	16 6.13	− 6 42.7	1.738	2.575	14.9	19.9
4 21	16 1.52	− 6 13.4	1.673	2.583	11.7	19.7
5 1	15 54.60	− 5 48.4	1.630	2.592	8.4	19.5
5 11	15 46.14	− 5 31.9	1.611	2.600	5.7	19.4
5 21	15 37.06	− 5 27.2	1.618	2.608	5.8	19.4
5 31	15 28.43	− 5 36.5	1.651	2.617	8.5	19.6
6 10	15 21.19	− 6 0.4	1.708	2.625	11.8	19.8
6 20	15 15.99	− 6 37.9	1.787	2.634	14.9	20.0
143448 2003 BY_{78}			5 17.9 82°.10		0°.9/18.4 17	
4 11	16 7.96	−22 17.0	1.679	2.507	15.8	20.4
4 21	16 3.27	−22 21.0	1.606	2.514	12.3	20.2
5 1	15 55.94	−22 16.8	1.554	2.521	8.2	19.9
5 11	15 46.75	−22 4.6	1.526	2.528	3.6	19.7
5 21	15 36.79	−21 45.7	1.524	2.535	1.5	19.5
5 31	15 27.28	−21 23.3	1.550	2.542	6.0	19.8
6 10	15 19.35	−21 1.8	1.600	2.549	10.2	20.1
6 20	15 13.75	−20 44.8	1.673	2.556	14.0	20.4

260956 2005 SM_{34} 5 17.9 259.°65 3.°8/15.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.86	− 9 50.0	2.418	3.247	11.5	21.4
4 21	15 57.77	− 9 1.0	2.329	3.238	9.0	21.2
5 1	15 51.99	− 8 11.4	2.265	3.229	6.2	21.0
5 11	15 45.02	− 7 24.7	2.228	3.219	4.1	20.8
5 21	15 37.53	− 6 44.6	2.218	3.210	4.3	20.8
5 31	15 30.25	− 6 14.1	2.236	3.200	6.7	21.0
6 10	15 23.88	− 5 55.7	2.280	3.190	9.6	21.1
6 20	15 18.97	− 5 50.2	2.347	3.180	12.2	21.3

344037 2012 PG_{2} 5 17.9 184.°94 1.°4/18.9 17

4 11	16 6.49	−25 3.6	2.374	3.179	12.5	22.2
4 21	16 1.46	−24 56.9	2.285	3.179	9.8	22.0
5 1	15 54.45	−24 41.4	2.218	3.178	6.6	21.8
5 11	15 46.07	−24 17.4	2.178	3.178	3.2	21.6
5 21	15 37.08	−23 46.2	2.167	3.176	1.6	21.5
5 31	15 28.38	−23 10.4	2.184	3.175	4.7	21.7
6 10	15 20.80	−22 33.7	2.228	3.173	8.0	21.9
6 20	15 14.94	−21 59.9	2.298	3.170	11.1	22.1

56723 2000 NK_{12} 5 17.9 310.°69 8.°3/12.5 18

4 11	16 1.62	− 5 12.1	1.545	2.397	15.8	18.9
4 21	15 58.52	− 3 26.4	1.466	2.382	12.7	18.7
5 1	15 52.93	− 1 40.7	1.410	2.367	9.9	18.5
5 11	15 45.54	− 0 3.7	1.377	2.353	8.3	18.3
5 21	15 37.29	+ 1 15.9	1.368	2.339	9.2	18.3
5 31	15 29.34	+ 2 10.9	1.383	2.325	12.0	18.5
6 10	15 22.76	+ 2 37.8	1.420	2.312	15.4	18.6
6 20	15 18.31	+ 2 36.9	1.475	2.299	18.6	18.8

470527 2008 CT_{210} 5 17.9 201.°58 6.°0/12.9 16

4 11	16 2.30	+ 0 26.7	2.880	3.689	10.4	22.4
4 21	15 57.76	+ 1 22.6	2.801	3.685	8.6	22.3
5 1	15 51.81	+ 2 13.1	2.748	3.680	6.9	22.1
5 11	15 44.90	+ 2 54.3	2.721	3.675	6.0	22.1
5 21	15 37.59	+ 3 23.1	2.721	3.670	6.4	22.1
5 31	15 30.49	+ 3 37.3	2.748	3.664	7.9	22.2
6 10	15 24.16	+ 3 36.1	2.801	3.658	9.8	22.3
6 20	15 19.05	+ 3 20.0	2.876	3.651	11.6	22.4

333488 2004 WN_{1} 5 17.9 228.°36 0.°7/18.4 18

4 11	16 7.51	−21 57.6	2.177	2.991	13.2	21.5
4 21	16 2.51	−22 0.6	2.081	2.982	10.3	21.3
5 1	15 55.29	−21 57.0	2.008	2.973	6.8	21.1
5 11	15 46.48	−21 47.0	1.962	2.964	3.0	20.8
5 21	15 36.89	−21 31.5	1.943	2.954	1.3	20.7
5 31	15 27.50	−21 12.8	1.953	2.943	5.1	20.9
6 10	15 19.26	−20 54.1	1.989	2.933	8.9	21.1
6 20	15 12.88	−20 38.6	2.050	2.922	12.2	21.3

438960 2010 LO_{86} 5 17.9 214.°44 4.°1/20.9 18

4 11	16 6.11	−34 17.4	2.798	3.565	11.7	21.7
4 21	16 1.13	−34 37.3	2.701	3.560	9.7	21.5
5 1	15 54.24	−34 45.8	2.626	3.555	7.3	21.4
5 11	15 45.99	−34 41.5	2.576	3.549	5.2	21.2
5 21	15 37.12	−34 24.0	2.555	3.543	4.1	21.2
5 31	15 28.45	−33 54.7	2.561	3.537	5.2	21.2
6 10	15 20.80	−33 16.9	2.595	3.531	7.4	21.3
6 20	15 14.76	−32 34.8	2.654	3.525	9.8	21.5

519099 2010 LV_{100} 5 17.9 60.°11 2.°1/17.1 17

4 11	16 6.97	−11 50.2	2.282	3.104	12.4	20.9
4 21	16 1.73	−12 4.1	2.205	3.111	9.5	20.7
5 1	15 54.58	−12 19.5	2.151	3.117	6.3	20.5
5 11	15 46.12	−12 37.4	2.124	3.124	3.1	20.3
5 21	15 37.08	−12 58.7	2.126	3.131	2.6	20.3
5 31	15 28.34	−13 24.1	2.156	3.138	5.6	20.5
6 10	15 20.68	−13 54.3	2.214	3.145	8.8	20.7
6 20	15 14.68	−14 29.6	2.296	3.152	11.7	20.9

143216 2002 YP_{1} 5 17.9 114.°23 0.°2/17.9 18

4 11	16 8.86	−21 6.9	1.982	2.800	14.1	20.0
4 21	16 3.35	−20 41.0	1.915	2.819	10.8	19.8
5 1	15 55.66	−20 7.4	1.870	2.838	7.0	19.6
5 11	15 46.54	−19 27.6	1.852	2.855	2.9	19.4
5 21	15 36.93	−18 44.6	1.862	2.872	1.3	19.3
5 31	15 27.86	−18 2.2	1.900	2.889	5.4	19.6
6 10	15 20.20	−17 24.6	1.964	2.905	9.2	19.9
6 20	15 14.54	−16 54.9	2.053	2.921	12.4	20.1

228480 2001 SR_{76} 5 17.9 207.°03 1.°2/18.7 17

4 11	16 8.16	−24 26.1	2.128	2.937	13.6	21.5
4 21	16 3.03	−24 17.9	2.035	2.932	10.6	21.3
5 1	15 55.64	−24 0.3	1.964	2.926	7.2	21.0
5 11	15 46.63	−23 33.5	1.920	2.920	3.4	20.8
5 21	15 36.87	−22 59.0	1.904	2.914	1.6	20.6
5 31	15 27.40	−22 19.7	1.916	2.907	5.2	20.9
6 10	15 19.17	−21 40.1	1.954	2.899	9.0	21.1
6 20	15 12.89	−21 4.3	2.017	2.891	12.3	21.3

430213 2013 UB_{12} 5 17.9 221.°15 5.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.91	− 8 25.3	2.139	2.968	12.8	20.8
4 21	16 0.30	− 7 8.7	2.053	2.960	10.1	20.6
5 1	15 53.73	− 5 51.0	1.992	2.952	7.3	20.4
5 11	15 45.79	− 4 37.2	1.957	2.942	5.3	20.2
5 21	15 37.24	− 3 32.7	1.950	2.933	5.8	20.2
5 31	15 28.96	− 2 42.2	1.970	2.922	8.3	20.4
6 10	15 21.76	− 2 8.7	2.015	2.912	11.3	20.5
6 20	15 16.24	− 1 53.2	2.083	2.901	14.1	20.7

137776 1999 XJ_{218} 5 18.0 139.°76 0.°6/17.7 18

4 11	16 9.28	−19 3.3	1.896	2.719	14.5	21.2
4 21	16 3.89	−18 49.4	1.822	2.729	11.1	21.0
5 1	15 56.15	−18 29.6	1.770	2.738	7.2	20.8
5 11	15 46.81	−18 5.2	1.744	2.747	3.0	20.5
5 21	15 36.84	−17 38.7	1.745	2.756	1.6	20.4
5 31	15 27.31	−17 13.2	1.775	2.764	5.8	20.7
6 10	15 19.20	−16 52.2	1.831	2.771	9.7	21.0
6 20	15 13.17	−16 38.7	1.909	2.778	13.2	21.2

196495 2003 LJ_{1} 5 18.0 20.°52 5.°2/15.1 17

4 11	16 3.97	− 9 23.4	1.700	2.544	14.9	20.1
4 21	15 59.99	− 8 24.0	1.629	2.545	11.6	19.9
5 1	15 53.70	− 7 24.7	1.580	2.546	8.2	19.7
5 11	15 45.81	− 6 30.6	1.556	2.548	5.5	19.5
5 21	15 37.27	− 5 47.1	1.557	2.549	5.8	19.6
5 31	15 29.13	− 5 18.5	1.584	2.551	8.8	19.7
6 10	15 22.35	− 5 7.3	1.635	2.552	12.2	19.9
6 20	15 17.60	− 5 13.7	1.707	2.554	15.5	20.1

433469 2013 VE_{10} 5 18.0 201.°63 2.°1/16.6 18

4 11	16 6.47	−14 41.7	2.388	3.208	12.0	22.1
4 21	16 1.34	−14 9.5	2.298	3.203	9.2	21.9
5 1	15 54.34	−13 34.3	2.231	3.198	6.1	21.7
5 11	15 46.04	−12 58.2	2.192	3.192	3.0	21.5
5 21	15 37.17	−12 24.1	2.181	3.186	2.7	21.5
5 31	15 28.53	−11 55.0	2.200	3.179	5.7	21.7
6 10	15 20.92	−11 33.6	2.245	3.171	9.0	21.9
6 20	15 14.90	−11 21.6	2.315	3.162	11.9	22.0

23100 1999 XN_{164} 5 18.0 268.°24 3.°7/16.1 18

4 11	16 5.74	− 9 52.2	2.082	2.912	13.1	17.7
4 21	16 1.15	− 9 30.3	1.987	2.896	10.3	17.5
5 1	15 54.43	− 9 9.3	1.914	2.879	7.1	17.2
5 11	15 46.16	− 8 52.2	1.868	2.863	4.3	17.0
5 21	15 37.10	− 8 41.8	1.848	2.846	4.2	17.0
5 31	15 28.19	− 8 40.8	1.856	2.829	7.1	17.1
6 10	15 20.35	− 8 50.8	1.890	2.812	10.6	17.3
6 20	15 14.27	− 9 12.4	1.946	2.794	13.8	17.5

65909 1998 FH_{12} 5 18.0 235.°97 5.°4/16.8 15

4 11	16 46.48	−15 51.1	0.821	1.646	28.3	21.1
4 21	16 38.93	−14 58.7	0.718	1.623	23.3	20.6
5 1	16 23.76	−13 48.7	0.628	1.594	16.5	20.1
5 11	16 0.44	−12 18.9	0.559	1.560	8.3	19.5
5 21	15 30.25	−10 32.2	0.513	1.519	7.3	19.2
5 31	14 57.24	− 8 42.7	0.493	1.472	17.8	19.4
6 10	14 26.79	− 7 11.5	0.496	1.418	29.2	19.7
6 20	14 2.69	− 6 14.3	0.514	1.358	39.5	20.0

87877 2000 SS_{273} 5 18.0 287.°42 0.°4/17.8 18

4 11	16 3.64	−19 26.4	2.205	3.030	12.6	20.0
4 21	15 59.49	−19 15.0	2.108	3.016	9.8	19.8
5 1	15 53.32	−18 58.2	2.034	3.003	6.4	19.5
5 11	15 45.67	−18 36.9	1.986	2.989	2.7	19.3
5 21	15 37.32	−18 13.1	1.965	2.976	1.3	19.1
5 31	15 29.14	−17 49.5	1.973	2.962	5.2	19.4
6 10	15 22.01	−17 29.2	2.006	2.949	8.9	19.6
6 20	15 16.58	−17 14.8	2.064	2.936	12.2	19.7

239315 2007 RD_{23} 5 18.0 219.°01 3.°9/15.0 18

4 11	16 3.83	− 9 43.3	2.515	3.338	11.3	21.5
4 21	15 59.21	− 8 46.2	2.425	3.330	8.8	21.3
5 1	15 52.90	− 7 48.0	2.359	3.321	6.2	21.1
5 11	15 45.43	− 6 52.5	2.321	3.311	4.1	21.0
5 21	15 37.44	− 6 3.3	2.311	3.301	4.4	21.0
5 31	15 29.67	− 5 24.0	2.330	3.290	6.7	21.1
6 10	15 22.80	− 4 57.1	2.375	3.279	9.5	21.3
6 20	15 17.37	− 4 43.6	2.444	3.267	12.1	21.4

282823 2006 SL_{214} 5 18.0 274.°18 1.°3/17.2 16

4 11	16 3.85	−17 15.4	2.179	3.006	12.7	21.3
4 21	15 59.64	−16 53.7	2.083	2.993	9.8	21.1
5 1	15 53.40	−16 27.3	2.010	2.980	6.4	20.9
5 11	15 45.71	−15 58.1	1.964	2.967	2.8	20.6
5 21	15 37.32	−15 28.6	1.945	2.954	2.0	20.5
5 31	15 29.12	−15 1.7	1.954	2.941	5.6	20.7
6 10	15 21.97	−14 40.6	1.990	2.927	9.2	20.9
6 20	15 16.53	−14 27.8	2.048	2.914	12.5	21.1