222761 2002 CT_{52} 5 26.9 172°.22 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.55	−27 35.1	2.373	3.186	12.3	21.2
5 1	16 39.54	−27 45.1	2.289	3.190	9.6	21.0
5 11	16 31.47	−27 47.6	2.228	3.193	6.4	20.9
5 21	16 21.99	−27 41.7	2.194	3.195	3.2	20.6
5 31	16 11.96	−27 27.5	2.189	3.197	2.3	20.6
6 10	16 2.35	−27 6.8	2.212	3.199	5.2	20.8
6 20	15 53.98	−26 42.4	2.263	3.199	8.4	21.0
6 30	15 47.52	−26 17.9	2.339	3.199	11.4	21.2

334862 2003 UE_{124} 5 26.9 205°.11 1°.2/27.7 18

4 21	16 43.10	−27 0.7	2.625	3.438	11.3	21.5
5 1	16 37.51	−26 46.2	2.530	3.432	8.7	21.3
5 11	16 30.11	−26 24.1	2.459	3.426	5.8	21.1
5 21	16 21.46	−25 54.3	2.415	3.419	2.6	20.9
5 31	16 12.33	−25 17.7	2.401	3.411	1.7	20.8
6 10	16 3.53	−24 36.9	2.415	3.403	4.7	21.0
6 20	15 55.82	−23 54.9	2.458	3.393	7.9	21.2
6 30	15 49.77	−23 15.1	2.526	3.384	10.7	21.3

440432 2005 SR_{21} 5 26.9 269°.76 9°.9/19.6 18

4 21	16 39.31	+11 32.5	2.687	3.453	12.3	21.3
5 1	16 34.58	+12 41.4	2.601	3.427	11.1	21.1
5 11	16 28.24	+13 37.2	2.537	3.401	10.2	21.0
5 21	16 20.77	+14 14.8	2.496	3.374	9.9	21.0
5 31	16 12.77	+14 30.4	2.479	3.347	10.4	21.0
6 10	16 4.95	+14 22.2	2.485	3.319	11.6	21.0
6 20	15 57.96	+13 50.6	2.513	3.291	13.1	21.1
6 30	15 52.36	+12 57.7	2.560	3.263	14.6	21.1

490126 2008 UZ_{93} 5 26.9 268°.28 5°.6/23.6 16

4 21	16 40.96	− 9 21.1	2.094	2.931	12.9	21.4
5 1	16 36.27	− 8 4.3	1.995	2.907	10.2	21.2
5 11	16 29.54	− 6 47.3	1.920	2.882	7.5	21.0
5 21	16 21.32	− 5 34.7	1.871	2.857	5.7	20.8
5 31	16 12.40	− 4 31.9	1.849	2.831	6.4	20.8
6 10	16 3.71	− 3 43.4	1.855	2.805	9.0	20.9
6 20	15 56.11	− 3 11.9	1.885	2.778	12.2	21.0
6 30	15 50.30	− 2 58.8	1.936	2.751	15.1	21.2

331908 2004 RG_{33} 5 26.9 318°.33 1°.9/26.4 17

4 21	16 40.50	−17 31.1	1.500	2.359	15.9	20.1
5 1	16 36.74	−17 22.3	1.415	2.344	12.3	19.8
5 11	16 30.25	−17 12.0	1.351	2.330	7.9	19.6
5 21	16 21.68	−17 1.6	1.309	2.316	3.4	19.2
5 31	16 12.15	−16 53.3	1.293	2.303	3.0	19.2
6 10	16 2.98	−16 49.5	1.302	2.290	7.7	19.4
6 20	15 55.38	−16 52.7	1.334	2.278	12.4	19.7
6 30	15 50.31	−17 4.5	1.387	2.266	16.5	19.9

140191 2001 ST_{214} 5 26.9 197°.93 3°.5/25.0 18

4 21	16 39.54	−10 17.9	2.784	3.611	10.3	21.2
5 1	16 34.57	− 9 46.0	2.699	3.607	8.0	21.0
5 11	16 28.13	− 9 16.2	2.639	3.603	5.6	20.8
5 21	16 20.69	− 8 50.7	2.607	3.599	3.7	20.7
5 31	16 12.87	− 8 31.7	2.603	3.594	4.0	20.7
6 10	16 5.32	− 8 20.8	2.627	3.589	6.1	20.8
6 20	15 58.63	− 8 19.0	2.679	3.583	8.6	21.0
6 30	15 53.30	− 8 26.6	2.754	3.577	10.9	21.2

380644 2004 XG_{125} 5 26.9 130°.18 4°.9/29.6 17

4 21	16 47.67	−37 24.4	2.489	3.268	12.8	21.7
5 1	16 41.16	−37 50.5	2.416	3.284	10.4	21.6
5 11	16 32.49	−38 3.8	2.366	3.299	7.9	21.4
5 21	16 22.37	−38 2.0	2.341	3.314	5.7	21.3
5 31	16 11.76	−37 44.3	2.343	3.328	4.9	21.3
6 10	16 1.71	−37 12.6	2.374	3.342	6.2	21.4
6 20	15 53.10	−36 30.7	2.432	3.355	8.5	21.5
6 30	15 46.57	−35 43.6	2.514	3.367	10.9	21.7

420518 2012 FR_{49} 5 26.9 63°.87 0°.4/27.1 17

4 21	16 45.37	−22 18.6	1.421	2.272	17.1	21.4
5 1	16 40.25	−22 24.6	1.364	2.288	13.0	21.1
5 11	16 32.27	−22 25.0	1.327	2.305	8.3	20.9
5 21	16 22.34	−22 19.5	1.314	2.321	3.2	20.6
5 31	16 11.81	−22 9.1	1.326	2.338	2.1	20.6
6 10	16 2.10	−21 56.8	1.364	2.355	7.0	21.0
6 20	15 54.37	−21 45.8	1.425	2.372	11.5	21.3
6 30	15 49.38	−21 39.5	1.508	2.389	15.4	21.5

301616 2010 DT_{52} 5 26.9 355°.75 10°.9/21.4 17

4 21	16 36.62	+ 2 43.7	1.671	2.506	15.7	20.3
5 1	16 33.17	+ 4 18.3	1.612	2.503	13.5	20.1
5 11	16 27.59	+ 5 39.4	1.574	2.500	11.7	20.0
5 21	16 20.56	+ 6 39.7	1.558	2.498	10.9	19.9
5 31	16 12.98	+ 7 13.3	1.564	2.497	11.5	20.0
6 10	16 5.89	+ 7 17.6	1.593	2.497	13.3	20.1
6 20	16 0.12	+ 6 53.5	1.642	2.497	15.6	20.2
6 30	15 56.35	+ 6 4.3	1.708	2.498	17.8	20.4

433646 2014 AJ_{37} 5 27.0 238°.62 2°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.99	−12 48.1	2.181	3.012	12.7	21.0
5 1	16 38.50	−12 47.5	2.087	3.000	9.8	20.8
5 11	16 30.94	−12 49.5	2.016	2.987	6.5	20.6
5 21	16 21.87	−12 55.5	1.972	2.973	3.5	20.4
5 31	16 12.09	−13 6.6	1.956	2.960	3.4	20.3
6 10	16 2.55	−13 23.9	1.968	2.945	6.6	20.5
6 20	15 54.13	−13 47.8	2.007	2.931	10.0	20.7
6 30	15 47.54	−14 18.6	2.070	2.916	13.2	20.9

285111 1995 MX_3 5 27.0 308°.43 5°.1/25.4 16

4 21	16 40.36	− 8 1.3	1.894	2.736	13.9	20.5
5 1	16 35.98	− 7 44.0	1.807	2.722	10.9	20.2
5 11	16 29.44	− 7 33.0	1.742	2.708	7.8	20.0
5 21	16 21.31	− 7 31.1	1.702	2.694	5.4	19.8
5 31	16 12.47	− 7 40.8	1.688	2.680	5.6	19.8
6 10	16 3.91	− 8 3.3	1.700	2.667	8.3	20.0
6 20	15 56.55	− 8 38.7	1.737	2.654	11.7	20.1
6 30	15 51.15	− 9 26.1	1.795	2.641	14.9	20.3

3863 Gilyarovskij 5 27.0 296°.56 7°.4/23.8 18

4 21	16 40.29	− 8 49.1	1.406	2.266	16.8	16.4
5 1	16 36.61	− 7 30.4	1.325	2.249	13.4	16.1
5 11	16 30.17	− 6 13.4	1.264	2.232	9.9	15.9
5 21	16 21.67	− 5 5.0	1.226	2.215	7.6	15.7
5 31	16 12.23	− 4 12.6	1.213	2.198	8.4	15.7
6 10	16 3.19	− 3 41.8	1.222	2.182	11.7	15.8
6 20	15 55.74	− 3 35.2	1.253	2.166	15.6	16.0
6 30	15 50.82	− 3 52.3	1.302	2.150	19.3	16.2

229539 2005 YA_{79} 5 27.0 50°.72 0°.9/26.7 17

4 21	16 42.30	−19 44.5	1.655	2.504	15.2	21.0
5 1	16 37.64	−19 36.1	1.586	2.510	11.5	20.8
5 11	16 30.52	−19 24.3	1.539	2.517	7.4	20.6
5 21	16 21.70	−19 10.1	1.517	2.525	2.8	20.3
5 31	16 12.27	−18 55.2	1.521	2.532	2.2	20.3
6 10	16 3.43	−18 42.3	1.551	2.540	6.7	20.6
6 20	15 56.18	−18 33.8	1.606	2.547	10.8	20.8
6 30	15 51.25	−18 32.0	1.682	2.555	14.4	21.1

507759 2013 YK_{69} 5 27.0 140°.74 2°.8/25.7 17

4 21	16 41.83	−12 37.2	2.597	3.424	11.0	22.5
5 1	16 36.30	−12 17.1	2.526	3.436	8.4	22.4
5 11	16 29.22	−11 58.5	2.480	3.448	5.6	22.2
5 21	16 21.12	−11 43.1	2.461	3.460	3.2	22.1
5 31	16 12.67	−11 32.6	2.471	3.471	3.3	22.1
6 10	16 4.62	−11 28.4	2.510	3.481	5.7	22.3
6 20	15 57.58	−11 31.3	2.576	3.491	8.5	22.5
6 30	15 52.04	−11 41.9	2.666	3.500	10.9	22.6

36294 2000 GS_{152} 5 27.0 145°.72 4°.0/24.5 18

4 21	16 44.82	−14 55.5	2.049	2.883	13.3	17.9
5 1	16 38.86	−13 23.7	1.979	2.894	10.1	17.7
5 11	16 30.95	−11 48.9	1.934	2.904	6.8	17.6
5 21	16 21.78	−10 15.8	1.916	2.913	4.2	17.4
5 31	16 12.26	− 8 50.0	1.928	2.922	4.8	17.5
6 10	16 3.33	− 7 36.5	1.968	2.931	7.7	17.7
6 20	15 55.77	− 6 38.9	2.035	2.938	10.9	17.9
6 30	15 50.14	− 5 58.6	2.124	2.945	13.8	18.1

175111 2004 NR_{18} 5 27.0 356°.55 3°.2/25.8 17

4 21	16 34.46	−16 18.3	1.392	2.265	16.1	19.4
5 1	16 32.11	−15 41.8	1.322	2.259	12.3	19.1
5 11	16 27.21	−15 3.2	1.272	2.253	8.0	18.9
5 21	16 20.50	−14 26.2	1.244	2.250	4.0	18.6
5 31	16 13.06	−13 54.8	1.241	2.247	4.1	18.6
6 10	16 6.15	−13 33.0	1.261	2.247	8.3	18.8
6 20	16 0.81	−13 23.6	1.303	2.248	12.6	19.1
6 30	15 57.86	−13 27.7	1.366	2.250	16.4	19.3

437244 2012 XG_{28} 5 27.0 249°.76 0°.5/27.2 16

4 21	16 41.62	−23 6.5	2.156	2.989	12.7	21.9
5 1	16 36.78	−23 6.8	2.067	2.982	9.8	21.7
5 11	16 29.85	−23 2.2	2.002	2.976	6.3	21.5
5 21	16 21.45	−22 52.5	1.962	2.969	2.5	21.2
5 31	16 12.42	−22 38.5	1.950	2.962	1.6	21.1
6 10	16 3.73	−22 22.3	1.966	2.955	5.5	21.4
6 20	15 56.25	−22 6.3	2.008	2.948	9.1	21.6
6 30	15 50.66	−21 53.2	2.074	2.941	12.3	21.8

266323 2007 DL_2 5 27.0 17°.93 6°.8/29.8 17

4 21	16 45.96	−38 0.6	1.691	2.496	16.8	20.3
5 1	16 41.02	−38 33.8	1.614	2.497	13.9	20.1
5 11	16 32.99	−38 50.0	1.557	2.497	10.7	19.9
5 21	16 22.73	−38 44.8	1.522	2.498	7.9	19.8
5 31	16 11.58	−38 16.5	1.512	2.499	6.8	19.7
6 10	16 1.10	−37 27.8	1.527	2.500	8.5	19.8
6 20	15 52.61	−36 24.9	1.566	2.502	11.5	20.0
6 30	15 47.01	−35 15.9	1.627	2.503	14.7	20.2

136745 1995 WL_8 5 27.0 276°.81 0°.4/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.71	−25 55.3	2.053	2.871	13.8	22.6
5 1	16 42.67	−25 11.7	1.924	2.831	10.8	22.4
5 11	16 33.96	−24 15.1	1.818	2.789	7.1	22.1
5 21	16 23.17	−23 5.3	1.739	2.745	2.9	21.7
5 31	16 11.25	−21 44.4	1.689	2.701	1.8	21.5
6 10	15 59.41	−20 17.0	1.668	2.655	6.6	21.7
6 20	15 48.83	−18 49.7	1.675	2.607	11.1	21.9
6 30	15 40.48	−17 29.4	1.707	2.558	15.3	22.0

410208 2007 RP_{233} 5 27.0 226°.85 0°.2/27.1 17

4 21	16 46.98	−22 8.6	1.884	2.715	14.4	22.2
5 1	16 41.24	−22 8.9	1.789	2.703	11.1	21.9
5 11	16 32.93	−22 4.2	1.717	2.691	7.2	21.6
5 21	16 22.71	−21 54.2	1.671	2.678	2.8	21.3
5 31	16 11.60	−21 39.7	1.652	2.663	1.8	21.2
6 10	16 0.81	−21 22.8	1.661	2.649	6.4	21.5
6 20	15 51.45	−21 6.4	1.696	2.633	10.7	21.7
6 30	15 44.39	−20 54.2	1.753	2.617	14.4	21.9

3756 Ruscannon 5 27.0 285°.90 0°.9/26.7 18

4 21	16 42.42	−21 15.2	1.556	2.407	15.9	17.1
5 1	16 38.06	−20 47.9	1.475	2.400	12.2	16.9
5 11	16 30.99	−20 14.0	1.415	2.394	7.8	16.6
5 21	16 21.97	−19 34.7	1.380	2.387	3.0	16.3
5 31	16 12.13	−18 53.1	1.370	2.381	2.4	16.2
6 10	16 2.81	−18 13.4	1.385	2.374	7.3	16.5
6 20	15 55.15	−17 40.1	1.425	2.368	11.9	16.8
6 30	15 49.99	−17 16.6	1.486	2.362	15.9	17.0

268571 2006 BW_{90} 5 27.0 27°.42 11°.3/24.9 18

4 21	16 42.12	+ 5 26.7	1.514	2.337	17.6	19.6
5 1	16 37.45	+ 6 5.4	1.462	2.344	15.1	19.4
5 11	16 30.36	+ 6 23.7	1.428	2.352	12.8	19.3
5 21	16 21.64	+ 6 16.2	1.416	2.361	11.4	19.2
5 31	16 12.40	+ 5 39.5	1.427	2.370	11.6	19.3
6 10	16 3.81	+ 4 34.7	1.460	2.380	13.2	19.4
6 20	15 56.84	+ 3 5.8	1.515	2.391	15.6	19.5
6 30	15 52.18	+ 1 18.7	1.589	2.401	18.0	19.7

360320 2001 SY_{225} 5 27.0 206°.77 5°.5/28.5 16

4 21	16 50.30	−32 48.7	1.627	2.443	16.9	22.1
5 1	16 44.50	−33 39.7	1.544	2.439	13.7	21.9
5 11	16 35.38	−34 19.2	1.481	2.435	10.0	21.6
5 21	16 23.74	−34 42.2	1.442	2.431	6.6	21.4
5 31	16 10.92	−34 45.5	1.429	2.426	5.7	21.4
6 10	15 58.59	−34 30.1	1.442	2.421	8.2	21.5
6 20	15 48.22	−34 0.6	1.479	2.415	12.0	21.7
6 30	15 40.92	−33 24.3	1.537	2.409	15.6	21.9

301877 1996 JZ_9 5 27.0 63°.60 3°.2/25.6 18

4 21	16 43.37	−18 25.0	1.283	2.146	17.8	20.3
5 1	16 38.84	−17 16.8	1.226	2.158	13.6	20.1
5 11	16 31.41	−16 2.8	1.190	2.170	8.7	19.9
5 21	16 22.06	−14 47.9	1.176	2.182	4.2	19.6
5 31	16 12.15	−13 38.7	1.188	2.194	4.4	19.7
6 10	16 3.14	−12 41.3	1.224	2.207	8.9	20.0
6 20	15 56.14	−12 0.3	1.282	2.219	13.4	20.2
6 30	15 51.89	−11 37.6	1.361	2.232	17.3	20.5

385231 2000 QQ_{117} 5 27.0 256°.26 8°.6/30.7 17

4 21	16 51.50	−45 57.6	2.266	3.008	14.9	22.1
5 1	16 45.18	−46 42.3	2.158	2.986	13.0	21.9
5 11	16 35.74	−47 9.9	2.070	2.963	11.0	21.7
5 21	16 23.87	−47 14.8	2.005	2.939	9.3	21.6
5 31	16 10.81	−46 52.9	1.965	2.914	8.6	21.5
6 10	15 58.09	−46 4.6	1.950	2.888	9.4	21.5
6 20	15 47.12	−44 54.4	1.961	2.862	11.4	21.5
6 30	15 38.97	−43 30.2	1.994	2.836	13.8	21.7

304594 2006 VE_{63} 5 27.0 125°.13 0°.3/27.2 17

4 21	16 40.85	−22 52.4	2.510	3.336	11.3	21.7
5 1	16 35.78	−22 48.1	2.433	3.345	8.6	21.5
5 11	16 29.00	−22 39.4	2.380	3.353	5.5	21.4
5 21	16 21.08	−22 26.6	2.355	3.361	2.2	21.1
5 31	16 12.76	−22 10.5	2.357	3.369	1.4	21.1
6 10	16 4.83	−21 53.1	2.389	3.377	4.7	21.3
6 20	15 57.97	−21 36.4	2.447	3.384	7.8	21.5
6 30	15 52.74	−21 22.7	2.531	3.391	10.6	21.7

243040 2006 WZ_{47} 5 27.0 311°.34 1°.7/26.1 16

4 21	16 38.59	−19 37.4	1.984	2.830	13.2	20.3
5 1	16 34.57	−18 49.6	1.895	2.818	10.0	20.1
5 11	16 28.49	−17 56.0	1.829	2.806	6.4	19.8
5 21	16 20.95	−16 59.0	1.788	2.795	2.7	19.6
5 31	16 12.82	−16 2.3	1.775	2.783	2.7	19.6
6 10	16 5.07	−15 9.9	1.788	2.772	6.5	19.8
6 20	15 58.53	−14 25.7	1.828	2.761	10.2	20.0
6 30	15 53.90	−13 52.5	1.889	2.751	13.6	20.2

335838 2007 LP_{34} 5 27.0 276°.80 7°.8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.90	− 3 32.2	1.841	2.678	14.4	21.0
5 1	16 35.61	− 2 22.1	1.761	2.666	11.8	20.8
5 11	16 29.18	− 1 18.7	1.704	2.654	9.3	20.6
5 21	16 21.23	− 0 27.9	1.671	2.641	7.9	20.5
5 31	16 12.63	+ 0 5.1	1.664	2.629	8.5	20.5
6 10	16 4.39	+ 0 17.2	1.681	2.617	10.7	20.6
6 20	15 57.38	+ 0 7.7	1.720	2.605	13.6	20.7
6 30	15 52.33	− 0 22.1	1.780	2.592	16.4	20.9

450795 2007 TE_{300} 5 27.0 223°.89 0°.7/27.5 17

4 21	16 36.92	−24 52.6	3.819	4.632	8.1	23.1
5 1	16 32.38	−24 54.0	3.719	4.623	6.2	23.0
5 11	16 26.68	−24 51.7	3.645	4.614	4.0	22.8
5 21	16 20.18	−24 45.6	3.600	4.604	1.8	22.6
5 31	16 13.35	−24 36.2	3.584	4.594	1.1	22.5
6 10	16 6.69	−24 24.4	3.597	4.584	3.4	22.7
6 20	16 0.67	−24 11.5	3.640	4.574	5.6	22.9
6 30	15 55.69	−23 59.2	3.708	4.564	7.7	23.0

508745 2017 UJ_{34} 5 27.0 187°.56 0°.5/27.2 17

4 21	16 43.42	−23 2.6	2.010	2.843	13.5	21.7
5 1	16 38.23	−23 2.8	1.928	2.843	10.3	21.5
5 11	16 30.82	−22 57.8	1.869	2.842	6.7	21.2
5 21	16 21.85	−22 47.5	1.835	2.842	2.6	21.0
5 31	16 12.24	−22 32.6	1.829	2.841	1.7	20.9
6 10	16 3.06	−22 15.4	1.850	2.839	5.7	21.2
6 20	15 55.23	−21 58.6	1.898	2.838	9.6	21.4
6 30	15 49.47	−21 45.1	1.969	2.836	12.9	21.6

227494 2005 XL_{67} 5 27.0 201°.26 1°.4/27.5 17

4 21	16 44.79	−25 9.2	2.041	2.868	13.6	21.8
5 1	16 39.34	−25 18.3	1.955	2.865	10.5	21.6
5 11	16 31.57	−25 21.0	1.891	2.862	6.9	21.4
5 21	16 22.15	−25 16.6	1.854	2.858	3.1	21.1
5 31	16 12.03	−25 5.1	1.844	2.854	2.0	21.0
6 10	16 2.31	−24 48.6	1.861	2.850	5.8	21.3
6 20	15 53.96	−24 29.9	1.906	2.845	9.5	21.5
6 30	15 47.73	−24 12.5	1.973	2.840	12.9	21.7

36214 1999 TH_{201} 5 27.0 39°.17 4°.1/24.7 18

4 21	16 38.09	−11 29.5	2.196	3.037	12.2	19.0
5 1	16 33.82	−10 35.7	2.123	3.040	9.4	18.8
5 11	16 27.81	− 9 43.1	2.074	3.043	6.5	18.6
5 21	16 20.65	− 8 55.3	2.051	3.045	4.4	18.5
5 31	16 13.08	− 8 15.6	2.056	3.048	4.7	18.5
6 10	16 5.91	− 7 46.8	2.087	3.051	7.2	18.6
6 20	15 59.83	− 7 30.7	2.144	3.054	10.1	18.8
6 30	15 55.40	− 7 27.7	2.223	3.058	12.8	19.0

319482 2006 QQ_{11} 5 27.0 331°.60 6°.4/28.4 17

4 21	16 39.52	−31 31.7	1.127	1.988	20.0	20.5
5 1	16 37.43	−32 26.6	1.045	1.968	16.2	20.2
5 11	16 31.51	−33 9.2	0.982	1.950	11.9	19.9
5 21	16 22.46	−33 33.6	0.937	1.933	7.8	19.6
5 31	16 11.75	−33 35.7	0.914	1.917	6.6	19.5
6 10	16 1.42	−33 16.0	0.913	1.902	9.9	19.6
6 20	15 53.39	−32 40.4	0.932	1.889	14.8	19.9
6 30	15 49.06	−31 57.6	0.968	1.877	19.4	20.1

333680 2008 TV_{172} 5 27.0 274°.30 7°.2/23.9 18

4 21	16 42.36	− 2 50.1	2.070	2.894	13.5	20.5
5 1	16 37.43	− 2 4.9	1.970	2.867	11.1	20.2
5 11	16 30.38	− 1 27.1	1.893	2.839	8.7	20.0
5 21	16 21.74	− 1 1.1	1.840	2.810	7.2	19.9
5 31	16 12.29	− 0 51.1	1.814	2.781	7.7	19.9
6 10	16 3.00	− 0 59.4	1.813	2.752	9.9	19.9
6 20	15 54.75	− 1 26.5	1.837	2.722	12.8	20.1
6 30	15 48.33	− 2 11.4	1.882	2.692	15.7	20.2

458795 2011 SJ_{171} 5 27.0 69°.07 1°.0/26.6 17

4 21	16 44.28	−21 44.0	1.315	2.174	17.8	21.3
5 1	16 39.65	−21 7.0	1.254	2.183	13.6	21.1
5 11	16 32.01	−20 22.0	1.212	2.192	8.6	20.8
5 21	16 22.34	−19 31.4	1.194	2.202	3.3	20.5
5 31	16 12.01	−18 39.1	1.200	2.211	2.6	20.5
6 10	16 2.53	−17 50.8	1.232	2.221	7.9	20.8
6 20	15 55.09	−17 11.5	1.286	2.231	12.7	21.1
6 30	15 50.49	−16 44.7	1.360	2.241	16.7	21.4

420782 2013 GG_{87} 5 27.0 297°.24 2°.4/26.6 17

4 21	16 45.15	−14 48.8	1.362	2.219	17.4	20.6
5 1	16 40.63	−15 4.3	1.280	2.207	13.5	20.3
5 11	16 32.97	−15 23.8	1.217	2.195	8.8	20.0
5 21	16 22.86	−15 48.0	1.178	2.184	4.0	19.7
5 31	16 11.55	−16 17.4	1.163	2.172	3.5	19.6
6 10	16 0.59	−16 52.3	1.173	2.161	8.4	19.9
6 20	15 51.41	−17 32.8	1.206	2.150	13.5	20.1
6 30	15 45.10	−18 19.3	1.259	2.139	17.9	20.4

164073 2003 WR_{84} 5 27.0 305°.47 5°.0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.75	− 8 18.3	1.724	2.567	15.0	19.3
5 1	16 38.19	− 8 17.6	1.628	2.544	11.8	19.0
5 11	16 31.11	− 8 24.8	1.554	2.521	8.4	18.7
5 21	16 22.09	− 8 42.7	1.504	2.499	5.5	18.5
5 31	16 12.06	− 9 13.0	1.480	2.477	5.5	18.5
6 10	16 2.21	− 9 56.5	1.481	2.455	8.7	18.6
6 20	15 53.64	−10 52.4	1.508	2.433	12.6	18.8
6 30	15 47.27	−11 59.1	1.556	2.411	16.3	18.9

173915 2001 VN_{49} 5 27.0 233°.99 3°.1/28.6 18

4 21	16 42.38	−31 54.8	2.353	3.162	12.6	20.0
5 1	16 37.33	−31 57.6	2.261	3.156	10.0	19.8
5 11	16 30.20	−31 49.9	2.192	3.149	7.0	19.6
5 21	16 21.63	−31 30.4	2.149	3.143	4.2	19.4
5 31	16 12.46	−30 59.4	2.133	3.137	3.3	19.3
6 10	16 3.67	−30 19.1	2.146	3.130	5.5	19.5
6 20	15 56.13	−29 33.3	2.184	3.123	8.6	19.7
6 30	15 50.51	−28 46.3	2.248	3.116	11.5	19.8

392484 2011 HA_{51} 5 27.0 252°.74 4°.9/25.1 18

4 21	16 41.70	− 8 23.9	2.058	2.893	13.2	20.9
5 1	16 36.83	− 7 54.4	1.970	2.881	10.4	20.7
5 11	16 29.92	− 7 29.5	1.905	2.868	7.4	20.5
5 21	16 21.54	− 7 12.1	1.865	2.856	5.2	20.4
5 31	16 12.51	− 7 5.2	1.853	2.842	5.5	20.4
6 10	16 3.77	− 7 10.7	1.867	2.829	8.1	20.5
6 20	15 56.17	− 7 29.1	1.906	2.815	11.2	20.6
6 30	15 50.40	− 8 0.0	1.967	2.802	14.2	20.8

41770 2000 VV_{37} 5 27.0 210°.91 0°.2/26.9 17

4 21	16 46.80	−20 58.2	2.013	2.841	13.7	19.3
5 1	16 40.89	−20 57.7	1.921	2.834	10.5	19.0
5 11	16 32.60	−20 53.4	1.853	2.826	6.7	18.8
5 21	16 22.59	−20 45.3	1.810	2.817	2.6	18.5
5 31	16 11.81	−20 34.2	1.796	2.808	1.8	18.4
6 10	16 1.37	−20 22.0	1.810	2.797	6.1	18.7
6 20	15 52.28	−20 11.2	1.851	2.786	10.1	18.9
6 30	15 45.34	−20 4.5	1.915	2.774	13.6	19.1

266415 2007 FV_{38} 5 27.0 67°.73 7°.6/30.8 17

4 21	16 47.85	−41 4.1	1.687	2.479	17.4	19.9
5 1	16 42.37	−41 30.8	1.623	2.492	14.5	19.8
5 11	16 33.76	−41 37.1	1.577	2.506	11.4	19.6
5 21	16 23.01	−41 18.9	1.553	2.520	8.7	19.5
5 31	16 11.60	−40 35.1	1.554	2.533	7.6	19.4
6 10	16 1.13	−39 29.7	1.579	2.547	8.8	19.5
6 20	15 52.83	−38 10.1	1.629	2.561	11.4	19.7
6 30	15 47.52	−36 45.1	1.702	2.575	14.3	19.9

324122 2005 YE_{30} 5 27.0 218°.58 1°.0/27.6 17

4 21	16 40.14	−25 50.3	3.423	4.232	9.0	23.3
5 1	16 34.95	−25 48.8	3.320	4.221	6.9	23.1
5 11	16 28.39	−25 42.4	3.243	4.209	4.6	23.0
5 21	16 20.88	−25 31.0	3.194	4.197	2.1	22.8
5 31	16 12.96	−25 14.9	3.174	4.184	1.3	22.7
6 10	16 5.24	−24 55.6	3.185	4.171	3.8	22.9
6 20	15 58.27	−24 34.8	3.224	4.157	6.3	23.0
6 30	15 52.53	−24 14.4	3.289	4.143	8.6	23.2

37472 7613 *P–L* 5 27.0 156°.73 3°.0/25.5 18

4 21	16 38.99	−12 29.9	2.588	3.420	10.9	19.1
5 1	16 34.27	−12 1.4	2.511	3.424	8.3	18.9
5 11	16 28.01	−11 34.2	2.458	3.427	5.6	18.8
5 21	16 20.73	−11 10.2	2.432	3.430	3.3	18.6
5 31	16 13.08	−10 51.6	2.435	3.433	3.5	18.6
6 10	16 5.75	−10 40.1	2.466	3.436	5.9	18.8
6 20	15 59.37	−10 36.8	2.523	3.438	8.6	19.0
6 30	15 54.44	−10 42.3	2.604	3.440	11.1	19.2

8992 Magnanimity 5 27.0 303°.81 5°.6/24.6 18

4 21	16 39.74	−12 55.4	1.403	2.267	16.6	16.8
5 1	16 36.36	−11 47.4	1.313	2.243	13.0	16.5
5 11	16 30.15	−10 36.5	1.244	2.219	9.0	16.2
5 21	16 21.77	− 9 28.4	1.198	2.196	5.9	16.0
5 31	16 12.32	− 8 29.6	1.175	2.172	6.6	15.9
6 10	16 3.17	− 7 46.5	1.177	2.149	10.5	16.1
6 20	15 55.58	− 7 23.3	1.200	2.127	15.0	16.3
6 30	15 50.58	− 7 21.7	1.242	2.105	19.2	16.5

278224 2007 EL_{85} 5 27.0 130°.92 5°.6/24.0 17

4 21	16 41.18	−10 23.2	1.835	2.680	14.1	20.8
5 1	16 36.43	− 9 3.2	1.768	2.684	11.0	20.6
5 11	16 29.60	− 7 44.7	1.723	2.689	7.9	20.4
5 21	16 21.37	− 6 32.7	1.704	2.693	5.7	20.3
5 31	16 12.68	− 5 32.8	1.711	2.697	6.3	20.3
6 10	16 4.51	− 4 48.9	1.745	2.701	9.0	20.5
6 20	15 57.71	− 4 23.2	1.803	2.705	12.2	20.7
6 30	15 52.89	− 4 15.9	1.882	2.709	15.1	20.9

437508 2013 YR_{79} 5 27.0 112°.53 3°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.52	−12 0.0	2.030	2.867	13.2	20.7
5 1	16 37.34	−11 51.7	1.958	2.874	10.2	20.5
5 11	16 30.15	−11 46.6	1.909	2.880	6.8	20.3
5 21	16 21.59	−11 46.4	1.886	2.886	3.8	20.1
5 31	16 12.52	−11 52.5	1.890	2.892	3.9	20.1
6 10	16 3.89	−12 6.2	1.922	2.898	6.8	20.3
6 20	15 56.51	−12 27.7	1.979	2.903	10.1	20.5
6 30	15 51.03	−12 57.2	2.060	2.909	13.1	20.8

260670 2005 JD_{9} 5 27.0 264°.86 0°.5/26.8 18

4 21	16 44.28	−21 17.0	1.720	2.562	15.0	21.6
5 1	16 39.46	−21 2.4	1.622	2.543	11.6	21.3
5 11	16 31.97	−20 42.1	1.547	2.523	7.5	21.0
5 21	16 22.43	−20 16.6	1.496	2.503	2.9	20.7
5 31	16 11.91	−19 47.7	1.472	2.483	2.1	20.6
6 10	16 1.66	−19 18.4	1.474	2.462	7.0	20.8
6 20	15 52.89	−18 52.7	1.501	2.441	11.6	21.0
6 30	15 46.51	−18 34.3	1.550	2.420	15.6	21.2

247459 2002 GA_{116} 5 27.0 94°.59 3°.3/26.0 18

4 21	16 45.26	−14 58.0	1.487	2.338	16.5	20.0
5 1	16 39.98	−14 31.6	1.427	2.351	12.6	19.8
5 11	16 32.05	−14 5.6	1.388	2.364	8.2	19.6
5 21	16 22.35	−13 42.6	1.373	2.377	4.1	19.3
5 31	16 12.07	−13 25.7	1.384	2.390	4.1	19.4
6 10	16 2.52	−13 17.4	1.421	2.402	8.1	19.6
6 20	15 54.77	−13 19.5	1.481	2.414	12.2	19.9
6 30	15 49.56	−13 32.8	1.562	2.426	15.8	20.2

398213 2010 NV_{105} 5 27.0 269°.08 9°.0/19.4 17

4 21	16 37.61	+ 4 58.1	2.519	3.320	12.1	21.1
5 1	16 33.35	+ 6 40.6	2.442	3.305	10.5	21.0
5 11	16 27.52	+ 8 13.9	2.389	3.289	9.4	20.9
5 21	16 20.58	+ 9 32.4	2.361	3.273	9.0	20.8
5 31	16 13.18	+10 31.2	2.358	3.258	9.7	20.9
6 10	16 6.03	+11 7.3	2.380	3.242	11.1	20.9
6 20	15 59.75	+11 20.1	2.423	3.225	12.8	21.0
6 30	15 54.89	+11 11.0	2.486	3.209	14.5	21.1

519074 2010 LP_{18} 5 27.0 271°.48 6°.6/30.3 18

4 21	16 44.54	−41 40.3	2.395	3.164	13.5	21.8
5 1	16 39.31	−42 14.0	2.302	3.156	11.4	21.6
5 11	16 31.66	−42 33.1	2.231	3.147	9.2	21.4
5 21	16 22.25	−42 34.0	2.184	3.139	7.3	21.3
5 31	16 12.09	−42 15.2	2.163	3.131	6.6	21.3
6 10	16 2.33	−41 37.8	2.167	3.123	7.5	21.3
6 20	15 54.01	−40 45.8	2.197	3.115	9.6	21.4
6 30	15 47.91	−39 44.8	2.251	3.107	11.9	21.5

147868 2005 VW_{120} 5 27.0 326°.01 7°.3/31.6 18

4 21	16 44.46	−44 14.9	2.148	2.913	15.0	19.1
5 1	16 39.44	−44 21.8	2.058	2.906	12.8	18.9
5 11	16 31.77	−44 9.1	1.987	2.899	10.4	18.8
5 21	16 22.27	−43 33.3	1.940	2.893	8.3	18.6
5 31	16 12.12	−42 33.6	1.917	2.887	7.3	18.5
6 10	16 2.62	−41 12.9	1.921	2.881	8.1	18.6
6 20	15 54.84	−39 37.5	1.950	2.875	10.2	18.7
6 30	15 49.55	−37 55.1	2.003	2.870	12.7	18.9

34636 2000 VC_{39} 5 27.0 321°.65 1°.9/27.5 18

4 21	16 43.24	−24 22.7	2.064	2.894	13.3	18.3
5 1	16 38.28	−25 5.6	1.975	2.887	10.3	18.0
5 11	16 31.02	−25 45.3	1.909	2.879	6.9	17.8
5 21	16 22.03	−26 19.8	1.868	2.872	3.3	17.6
5 31	16 12.23	−26 47.6	1.855	2.864	2.4	17.5
6 10	16 2.68	−27 8.7	1.870	2.858	5.8	17.7
6 20	15 54.38	−27 24.6	1.910	2.851	9.5	17.9
6 30	15 48.15	−27 37.6	1.975	2.845	12.7	18.1

339563 2005 JT_{169} 5 27.0 310°.59 0°.6/26.8 17

4 21	16 41.00	−20 2.0	1.958	2.800	13.5	21.4
5 1	16 36.47	−19 57.0	1.875	2.796	10.3	21.2
5 11	16 29.76	−19 48.9	1.815	2.791	6.6	20.9
5 21	16 21.51	−19 38.4	1.779	2.787	2.5	20.7
5 31	16 12.61	−19 26.6	1.771	2.783	1.9	20.6
6 10	16 4.10	−19 15.8	1.790	2.778	6.0	20.9
6 20	15 56.87	−19 8.1	1.835	2.775	9.8	21.1
6 30	15 51.65	−19 5.6	1.902	2.771	13.2	21.3

384529 2010 DK_{40} 5 27.0 311°.40 1°.9/27.7 17

4 21	16 42.14	−26 14.0	1.826	2.662	14.5	21.0
5 1	16 37.67	−26 27.4	1.740	2.654	11.3	20.7
5 11	16 30.71	−26 33.5	1.675	2.647	7.5	20.5
5 21	16 21.92	−26 31.1	1.636	2.640	3.6	20.2
5 31	16 12.33	−26 20.1	1.622	2.633	2.4	20.1
6 10	16 3.14	−26 2.6	1.636	2.626	6.2	20.3
6 20	15 55.40	−25 41.9	1.674	2.619	10.2	20.6
6 30	15 49.95	−25 21.9	1.735	2.613	13.8	20.8

435675 2008 TT_{31} 5 27.0 249°.86 1°.2/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.96	−19 22.1	1.984	2.823	13.4	21.9
5 1	16 37.19	−19 4.1	1.895	2.815	10.2	21.7
5 11	16 30.23	−18 42.5	1.830	2.806	6.6	21.5
5 21	16 21.70	−18 18.6	1.790	2.797	2.6	21.2
5 31	16 12.50	−17 54.3	1.777	2.788	2.2	21.1
6 10	16 3.66	−17 32.2	1.792	2.778	6.2	21.4
6 20	15 56.09	−17 15.0	1.833	2.768	10.1	21.6
6 30	15 50.52	−17 5.0	1.896	2.759	13.5	21.8

57714 2001 UY_{124} 5 27.0 154°.66 3°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 32.07	− 3 37.4	4.530	5.343	6.9	19.1
5 1	16 28.50	− 3 15.8	4.453	5.344	5.5	19.0
5 11	16 24.13	− 2 58.2	4.401	5.345	4.2	18.9
5 21	16 19.24	− 2 46.1	4.377	5.346	3.5	18.9
5 31	16 14.15	− 2 40.6	4.381	5.347	3.7	18.9
6 10	16 9.23	− 2 42.4	4.414	5.347	4.7	19.0
6 20	16 4.77	− 2 51.7	4.473	5.348	6.0	19.1
6 30	16 1.06	− 3 8.3	4.556	5.349	7.4	19.2

501535 2014 HY_{35} 5 27.0 58°.47 1°.1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.48	−22 31.2	2.120	2.949	13.1	20.8
5 1	16 38.91	−23 12.2	2.050	2.962	10.0	20.7
5 11	16 31.22	−23 50.4	2.004	2.976	6.5	20.5
5 21	16 22.06	−24 24.2	1.984	2.990	2.8	20.3
5 31	16 12.32	−24 52.6	1.993	3.004	1.8	20.2
6 10	16 3.03	−25 15.8	2.029	3.018	5.4	20.5
6 20	15 55.06	−25 35.1	2.093	3.032	8.8	20.7
6 30	15 49.07	−25 52.5	2.180	3.046	11.9	20.9

239199 2006 MJ_{11} 5 27.0 304°.15 1°.5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.68	−28 2.7	1.853	2.688	14.4	19.8
5 1	16 36.58	−27 30.9	1.754	2.668	11.3	19.5
5 11	16 30.02	−26 46.3	1.676	2.648	7.5	19.3
5 21	16 21.68	−25 49.0	1.623	2.628	3.4	19.0
5 31	16 12.54	−24 41.3	1.597	2.608	2.1	18.8
6 10	16 3.79	−23 27.8	1.598	2.589	6.2	19.1
6 20	15 56.45	−22 14.5	1.624	2.569	10.4	19.3
6 30	15 51.36	−21 7.2	1.673	2.551	14.3	19.5

21795 Masi 5 27.0 189°.36 1°.0/27.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.42	−24 57.1	2.015	2.840	13.8	19.5
5 1	16 40.58	−24 54.1	1.930	2.839	10.6	19.3
5 11	16 32.39	−24 44.0	1.867	2.838	6.9	19.0
5 21	16 22.53	−24 26.3	1.830	2.836	2.9	18.8
5 31	16 12.01	−24 1.8	1.821	2.833	1.8	18.7
6 10	16 1.94	−23 33.1	1.841	2.829	5.8	18.9
6 20	15 53.29	−23 3.7	1.887	2.825	9.7	19.2
6 30	15 46.82	−22 37.4	1.956	2.820	13.1	19.4

201598 2003 SA_{155} 5 27.0 248°.15 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.84	−27 48.2	2.030	2.856	13.7	20.3
5 1	16 37.94	−27 46.9	1.941	2.849	10.6	20.1
5 11	16 30.75	−27 36.5	1.874	2.842	7.2	19.9
5 21	16 21.92	−27 16.3	1.833	2.835	3.5	19.6
5 31	16 12.40	−26 47.0	1.818	2.828	2.4	19.5
6 10	16 3.29	−26 11.0	1.832	2.821	5.8	19.7
6 20	15 55.54	−25 32.4	1.871	2.813	9.5	19.9
6 30	15 49.90	−24 55.5	1.933	2.805	12.9	20.1

13172 1996 AO 5 27.0 217°.33 4°.9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.05	−35 43.2	2.050	2.846	14.6	18.9
5 1	16 42.13	−35 55.3	1.956	2.838	11.9	18.7
5 11	16 33.54	−35 53.1	1.884	2.829	8.8	18.5
5 21	16 23.02	−35 33.7	1.836	2.820	6.0	18.3
5 31	16 11.69	−34 56.2	1.815	2.810	4.9	18.3
6 10	16 0.83	−34 3.1	1.822	2.800	6.9	18.4
6 20	15 51.58	−32 59.6	1.854	2.789	10.1	18.5
6 30	15 44.79	−31 52.5	1.911	2.777	13.3	18.7

190024 2004 PB_{102} 5 27.0 279°.77 6°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.35	− 8 57.1	1.802	2.648	14.3	20.5
5 1	16 36.12	− 7 47.5	1.714	2.630	11.3	20.3
5 11	16 29.64	− 6 39.6	1.648	2.612	8.3	20.0
5 21	16 21.52	− 5 38.3	1.607	2.594	6.3	19.9
5 31	16 12.66	− 4 49.2	1.592	2.576	6.9	19.9
6 10	16 4.11	− 4 16.6	1.602	2.558	9.7	20.0
6 20	15 56.82	− 4 2.8	1.636	2.539	13.1	20.2
6 30	15 51.57	− 4 8.1	1.690	2.521	16.3	20.3

416041 2002 EZ_{162} 5 27.0 98°.56 7°.0/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.20	− 5 26.2	1.882	2.719	14.1	21.0
5 1	16 36.32	− 4 10.1	1.825	2.732	11.3	20.9
5 11	16 29.47	− 3 0.6	1.791	2.744	8.6	20.7
5 21	16 21.35	− 2 2.9	1.782	2.757	7.0	20.7
5 31	16 12.84	− 1 21.6	1.799	2.769	7.6	20.7
6 10	16 4.89	− 0 59.5	1.841	2.781	9.7	20.9
6 20	15 58.28	− 0 57.0	1.907	2.793	12.4	21.1
6 30	15 53.57	− 1 12.7	1.994	2.804	14.9	21.3

434259 2003 UX_{198} 5 27.0 221°.74 0°.9/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.78	−20 21.2	2.312	3.144	12.0	21.6
5 1	16 36.74	−19 53.2	2.221	3.136	9.2	21.4
5 11	16 29.79	−19 20.7	2.153	3.128	5.9	21.2
5 21	16 21.52	−18 45.0	2.112	3.119	2.3	21.0
5 31	16 12.71	−18 8.1	2.100	3.110	1.9	20.9
6 10	16 4.24	−17 32.9	2.116	3.100	5.5	21.1
6 20	15 56.87	−17 2.1	2.158	3.090	9.0	21.3
6 30	15 51.25	−16 38.4	2.225	3.080	12.1	21.5

138553 2000 QZ_{40} 5 27.0 179°.62 3°.8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.27	−10 7.2	2.620	3.450	10.8	20.0
5 1	16 34.48	− 9 29.4	2.542	3.451	8.4	19.8
5 11	16 28.18	− 8 53.9	2.487	3.452	5.9	19.6
5 21	16 20.86	− 8 23.2	2.460	3.452	4.0	19.5
5 31	16 13.17	− 7 59.6	2.461	3.452	4.3	19.5
6 10	16 5.78	− 7 45.2	2.490	3.451	6.4	19.7
6 20	15 59.32	− 7 41.0	2.546	3.450	9.0	19.8
6 30	15 54.29	− 7 47.1	2.624	3.449	11.3	20.0

213945 2003 WE_{92} 5 27.0 215°.07 1°.7/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.19	−17 56.9	1.951	2.786	13.8	21.2
5 1	16 39.68	−17 36.2	1.862	2.778	10.6	20.9
5 11	16 31.85	−17 12.7	1.795	2.770	6.8	20.7
5 21	16 22.37	−16 47.9	1.755	2.761	2.9	20.4
5 31	16 12.16	−16 23.8	1.743	2.751	2.7	20.4
6 10	16 2.32	−16 3.3	1.758	2.741	6.6	20.6
6 20	15 53.82	−15 48.8	1.799	2.730	10.6	20.8
6 30	15 47.43	−15 42.5	1.863	2.719	14.0	21.0

461620 2005 BE_{40} 5 27.0 35°.36 2°.1/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.69	−17 44.9	1.204	2.072	18.4	21.1
5 1	16 38.66	−17 31.5	1.148	2.082	14.0	20.9
5 11	16 31.54	−17 16.3	1.111	2.092	9.0	20.6
5 21	16 22.27	−17 1.2	1.095	2.103	3.8	20.4
5 31	16 12.28	−16 48.9	1.104	2.114	3.3	20.4
6 10	16 3.11	−16 42.4	1.136	2.126	8.3	20.7
6 20	15 56.03	−16 44.2	1.191	2.139	13.2	21.0
6 30	15 51.86	−16 55.7	1.265	2.152	17.3	21.3

4321 Zero 5 27.0 252°.15 0°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.47	−19 8.3	2.758	3.584	10.4	18.8
5 1	16 35.54	−18 53.5	2.652	3.564	8.0	18.6
5 11	16 28.97	−18 36.0	2.571	3.545	5.1	18.4
5 21	16 21.21	−18 16.7	2.518	3.524	2.1	18.2
5 31	16 12.92	−17 56.8	2.493	3.503	1.7	18.1
6 10	16 4.81	−17 38.3	2.498	3.482	4.9	18.3
6 20	15 57.56	−17 22.9	2.530	3.460	8.0	18.5
6 30	15 51.73	−17 12.5	2.587	3.437	10.7	18.6

478198 2011 UJ_{250} 5 27.0 207°.74 0°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.90	−19 41.1	2.821	3.647	10.2	22.6
5 1	16 34.98	−19 27.3	2.729	3.642	7.8	22.4
5 11	16 28.52	−19 10.9	2.663	3.636	5.0	22.2
5 21	16 21.01	−18 52.6	2.624	3.631	1.9	22.0
5 31	16 13.08	−18 33.6	2.614	3.625	1.6	22.0
6 10	16 5.41	−18 15.7	2.633	3.618	4.6	22.2
6 20	15 58.62	−18 0.7	2.680	3.611	7.5	22.4
6 30	15 53.24	−17 50.1	2.752	3.604	10.1	22.5

1299 Mertona 5 27.1 176°.90 3°.4/25.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.03	−12 0.5	2.495	3.325	11.3	16.7
5 1	16 35.89	−11 24.5	2.416	3.327	8.7	16.5
5 11	16 29.11	−10 49.8	2.361	3.328	5.9	16.3
5 21	16 21.24	−10 18.6	2.333	3.329	3.7	16.2
5 31	16 12.95	− 9 53.5	2.334	3.330	3.9	16.2
6 10	16 5.01	− 9 36.4	2.363	3.330	6.3	16.4
6 20	15 58.08	− 9 28.8	2.418	3.329	9.1	16.5
6 30	15 52.68	− 9 31.1	2.498	3.328	11.7	16.7

299337 2005 RZ_{19} 5 27.1 181°.63 4°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 38.08	− 5 39.1	3.270	4.086	9.2	21.9
5 1	16 33.28	− 4 57.6	3.191	4.087	7.3	21.8
5 11	16 27.29	− 4 20.1	3.137	4.087	5.5	21.7
5 21	16 20.51	− 3 48.9	3.111	4.087	4.3	21.6
5 31	16 13.43	− 3 26.1	3.114	4.086	4.6	21.6
6 10	16 6.60	− 3 13.2	3.145	4.085	6.2	21.7
6 20	16 0.49	− 3 10.7	3.203	4.083	8.1	21.8
6 30	15 55.51	− 3 18.7	3.285	4.081	9.9	22.0

303954 2005 YF_{54} 5 27.1 253°.81 2°.8/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.67	−16 2.0	1.537	2.385	16.2	21.2
5 1	16 40.74	−15 40.2	1.446	2.370	12.5	20.9
5 11	16 32.93	−15 17.2	1.377	2.354	8.2	20.6
5 21	16 22.90	−14 54.8	1.332	2.337	3.9	20.3
5 31	16 11.80	−14 36.0	1.313	2.320	3.8	20.3
6 10	16 1.03	−14 24.0	1.319	2.303	8.3	20.5
6 20	15 51.86	−14 21.4	1.350	2.285	13.0	20.7
6 30	15 45.29	−14 30.1	1.401	2.266	17.2	20.9

398851 2013 CQ_{46} 5 27.1 305°.16 3°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.56	−10 45.3	2.226	3.063	12.2	20.8
5 1	16 35.06	−10 30.1	2.142	3.057	9.5	20.6
5 11	16 28.74	−10 18.4	2.082	3.051	6.5	20.4
5 21	16 21.14	−10 12.0	2.047	3.044	4.0	20.2
5 31	16 13.01	−10 13.1	2.040	3.038	4.2	20.2
6 10	16 5.17	−10 22.7	2.061	3.032	6.8	20.4
6 20	15 58.38	−10 41.6	2.106	3.026	9.8	20.6
6 30	15 53.26	−11 9.7	2.175	3.020	12.7	20.7

398514 2011 UN_{257} 5 27.1 167°.83 1°.7/26.0 17

4 21	16 39.22	−17 51.8	2.517	3.351	11.1	21.5
5 1	16 34.55	−17 12.8	2.436	3.352	8.4	21.3
5 11	16 28.27	−16 31.2	2.379	3.354	5.4	21.2
5 21	16 20.93	−15 48.7	2.350	3.355	2.5	21.0
5 31	16 13.19	−15 7.9	2.350	3.356	2.5	21.0
6 10	16 5.82	−14 31.4	2.377	3.357	5.4	21.2
6 20	15 59.45	−14 1.7	2.432	3.358	8.4	21.3
6 30	15 54.60	−13 40.3	2.511	3.359	11.1	21.5

377246 2004 BA_{95} 5 27.1 155°.71 14°.1/ 3.2 18

4 21	17 2.23	−52 0.5	1.302	2.052	23.6	20.3
5 1	16 55.51	−52 54.2	1.235	2.058	21.0	20.2
5 11	16 43.26	−53 15.1	1.182	2.063	18.2	20.0
5 21	16 26.95	−52 51.2	1.147	2.068	15.6	19.8
5 31	16 9.34	−51 35.6	1.131	2.072	14.2	19.8
6 10	15 53.58	−49 33.0	1.138	2.076	14.5	19.8
6 20	15 41.93	−46 57.6	1.166	2.079	16.5	19.9
6 30	15 35.41	−44 8.5	1.214	2.081	19.2	20.1

230296 2001 YJ_{154} 5 27.1 287°.34 4°.8/28.4 18

4 21	16 46.02	−32 2.5	1.778	2.596	15.6	19.7
5 1	16 41.27	−32 39.2	1.669	2.568	12.6	19.4
5 11	16 33.47	−33 5.9	1.582	2.540	9.2	19.1
5 21	16 23.21	−33 18.5	1.519	2.510	5.9	18.9
5 31	16 11.58	−33 14.3	1.481	2.481	5.0	18.7
6 10	16 0.04	−32 53.8	1.469	2.452	7.7	18.8
6 20	15 50.03	−32 20.8	1.482	2.422	11.7	19.0
6 30	15 42.70	−31 41.5	1.517	2.392	15.6	19.2

471668 2012 TR_{165} 5 27.1 229°.93 0°.9/27.4 17

4 21	16 43.10	−23 57.6	2.120	2.950	13.0	21.9
5 1	16 38.03	−24 6.2	2.032	2.945	10.0	21.7
5 11	16 30.78	−24 9.6	1.967	2.939	6.5	21.5
5 21	16 21.97	−24 7.2	1.928	2.933	2.8	21.3
5 31	16 12.49	−23 59.4	1.916	2.927	1.7	21.2
6 10	16 3.35	−23 47.9	1.932	2.921	5.5	21.4
6 20	15 55.46	−23 35.1	1.975	2.915	9.2	21.6
6 30	15 49.56	−23 24.0	2.041	2.909	12.5	21.8

419603 2010 RO_{121} 5 27.1 149°.71 0°.5/27.3 17

4 21	16 45.27	−24 40.7	1.686	2.523	15.5	21.6
5 1	16 40.00	−24 16.8	1.611	2.528	11.9	21.4
5 11	16 32.13	−23 43.8	1.558	2.532	7.7	21.1
5 21	16 22.48	−23 2.2	1.530	2.536	3.1	20.9
5 31	16 12.20	−22 14.7	1.528	2.540	1.9	20.8
6 10	16 2.55	−21 25.3	1.554	2.544	6.5	21.1
6 20	15 54.60	−20 39.1	1.604	2.547	10.8	21.3
6 30	15 49.09	−20 0.4	1.677	2.549	14.5	21.6

72390 2001 CL_{16} 5 27.1 165°.75 0°.4/26.9 17

4 21	16 46.77	−20 52.2	1.986	2.815	13.8	21.4
5 1	16 40.75	−20 45.5	1.908	2.821	10.5	21.2
5 11	16 32.46	−20 34.7	1.852	2.826	6.7	21.0
5 21	16 22.59	−20 20.1	1.823	2.830	2.6	20.7
5 31	16 12.12	−20 3.1	1.823	2.834	1.8	20.7
6 10	16 2.15	−19 45.9	1.850	2.837	6.0	21.0
6 20	15 53.61	−19 31.1	1.904	2.839	9.8	21.2
6 30	15 47.22	−19 21.4	1.981	2.840	13.2	21.4

277715 2006 DW_{31} 5 27.1 350°.39 2°.9/25.9 17

4 21	16 40.61	−15 44.1	1.734	2.585	14.5	20.8
5 1	16 36.33	−15 10.8	1.659	2.584	11.1	20.6
5 11	16 29.75	−14 36.4	1.606	2.582	7.3	20.3
5 21	16 21.58	−14 3.4	1.577	2.581	3.7	20.1
5 31	16 12.78	−13 35.1	1.575	2.581	3.7	20.1
6 10	16 4.46	−13 14.6	1.599	2.580	7.4	20.3
6 20	15 57.55	−13 4.1	1.647	2.580	11.2	20.5
6 30	15 52.78	−13 5.0	1.717	2.579	14.7	20.8

504426 2008 AW_{50} 5 27.1 147°.47 2°.3/28.6 17

4 21	16 43.05	−31 12.1	3.052	3.847	10.3	23.5
5 1	16 37.25	−31 9.1	2.971	3.859	8.1	23.4
5 11	16 29.89	−30 57.7	2.915	3.870	5.6	23.2
5 21	16 21.53	−30 37.5	2.886	3.881	3.2	23.1
5 31	16 12.84	−30 8.9	2.887	3.891	2.4	23.0
6 10	16 4.54	−29 34.0	2.917	3.900	4.3	23.2
6 20	15 57.25	−28 55.3	2.976	3.909	6.8	23.3
6 30	15 51.47	−28 16.1	3.060	3.917	9.1	23.5

471492 2011 WW_{41} 5 27.1 246°.48 2°.3/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.10	−17 10.4	2.394	3.231	11.5	20.8
5 1	16 34.58	−16 16.7	2.307	3.225	8.7	20.7
5 11	16 28.36	−15 19.5	2.244	3.219	5.7	20.4
5 21	16 20.99	−14 21.5	2.209	3.212	2.8	20.3
5 31	16 13.18	−13 26.0	2.202	3.206	3.0	20.3
6 10	16 5.70	−12 36.4	2.223	3.199	6.0	20.4
6 20	15 59.26	−11 55.5	2.270	3.193	9.1	20.6
6 30	15 54.40	−11 25.4	2.342	3.186	11.9	20.8

386335 2008 SE_{223} 5 27.1 229°.94 1°.3/27.6 17

4 21	16 43.80	−25 55.1	2.244	3.066	12.7	22.6
5 1	16 38.49	−25 51.4	2.148	3.055	9.8	22.4
5 11	16 31.06	−25 40.5	2.075	3.044	6.5	22.2
5 21	16 22.08	−25 21.9	2.028	3.032	2.9	21.9
5 31	16 12.44	−24 56.3	2.009	3.020	1.8	21.8
6 10	16 3.12	−24 25.9	2.019	3.008	5.4	22.1
6 20	15 55.00	−23 54.0	2.056	2.995	9.0	22.3
6 30	15 48.81	−23 24.3	2.116	2.981	12.2	22.4

190292 1995 OO_{7} 5 27.1 238°.78 4°.8/29.3 18

4 21	16 47.34	−36 32.9	2.485	3.267	12.7	21.1
5 1	16 41.32	−36 55.4	2.378	3.249	10.4	20.9
5 11	16 32.95	−37 6.0	2.294	3.231	7.9	20.7
5 21	16 22.85	−37 1.9	2.235	3.212	5.6	20.5
5 31	16 11.92	−36 41.5	2.204	3.192	4.8	20.4
6 10	16 1.27	−36 6.2	2.200	3.172	6.4	20.5
6 20	15 51.88	−35 19.6	2.224	3.151	9.0	20.6
6 30	15 44.56	−34 26.8	2.273	3.129	11.8	20.8

399902 2005 WP_{182} 5 27.1 165°.58 4°.5/30.1 18

4 21	16 43.45	−38 44.1	2.853	3.626	11.5	21.2
5 1	16 37.87	−38 50.6	2.766	3.629	9.4	21.0
5 11	16 30.44	−38 44.6	2.702	3.632	7.2	20.9
5 21	16 21.78	−38 24.5	2.664	3.634	5.3	20.8
5 31	16 12.68	−37 50.2	2.653	3.637	4.5	20.7
6 10	16 4.02	−37 3.7	2.671	3.639	5.6	20.8
6 20	15 56.54	−36 8.4	2.715	3.641	7.7	20.9
6 30	15 50.82	−35 9.0	2.785	3.642	9.9	21.1

380263 2001 YZ_{10} 5 27.1 225°.08 4°.3/29.2 18

4 21	16 46.40	−35 2.8	2.164	2.962	13.9	21.5
5 1	16 40.71	−35 5.1	2.069	2.952	11.2	21.3
5 11	16 32.57	−34 53.5	1.995	2.943	8.2	21.1
5 21	16 22.68	−34 26.0	1.946	2.932	5.4	20.9
5 31	16 12.07	−33 42.1	1.924	2.922	4.3	20.8
6 10	16 1.90	−32 44.8	1.930	2.910	6.4	20.9
6 20	15 53.22	−31 39.0	1.962	2.898	9.5	21.1
6 30	15 46.80	−30 30.8	2.019	2.886	12.6	21.3

508600 2017 RU_{3} 5 27.1 315°.20 4°.6/28.5 17

4 21	16 40.94	−30 48.1	1.186	2.043	19.4	20.4
5 1	16 38.37	−31 4.7	1.097	2.019	15.6	20.1
5 11	16 32.09	−31 5.9	1.025	1.996	11.1	19.7
5 21	16 22.79	−30 47.7	0.974	1.974	6.5	19.4
5 31	16 11.90	−30 8.4	0.945	1.953	4.9	19.2
6 10	16 1.38	−29 11.7	0.939	1.932	9.0	19.4
6 20	15 53.02	−28 5.3	0.953	1.912	14.3	19.6
6 30	15 48.19	−26 59.0	0.986	1.893	19.4	19.8

251442 2008 CW_{45} 5 27.1 30°.66 8°.6/22.5 18

4 21	16 37.99	+ 1 39.7	2.116	2.937	13.4	20.4
5 1	16 33.81	+ 2 51.9	2.055	2.940	11.3	20.3
5 11	16 27.89	+ 3 53.2	2.016	2.943	9.5	20.2
5 21	16 20.81	+ 4 38.6	2.002	2.946	8.6	20.1
5 31	16 13.32	+ 5 3.9	2.012	2.949	9.1	20.2
6 10	16 6.24	+ 5 7.3	2.046	2.953	10.7	20.3
6 20	16 0.26	+ 4 49.5	2.103	2.956	12.7	20.4
6 30	15 55.93	+ 4 12.4	2.180	2.960	14.7	20.6

512961 2017 SB_{29} 5 27.1 242°.03 2°.7/26.1 17

4 21	16 41.78	−14 20.0	2.027	2.867	13.1	21.3
5 1	16 36.95	−14 6.0	1.944	2.863	10.1	21.1
5 11	16 30.06	−13 52.9	1.885	2.858	6.7	20.9
5 21	16 21.70	−13 42.4	1.850	2.853	3.4	20.6
5 31	16 12.72	−13 36.5	1.843	2.848	3.4	20.6
6 10	16 4.11	−13 36.8	1.864	2.843	6.7	20.8
6 20	15 56.70	−13 44.6	1.910	2.838	10.2	21.0
6 30	15 51.19	−14 0.7	1.979	2.833	13.4	21.2

175877 1999 VC_{168} 5 27.1 96°.78 1°.2/27.5 17

4 21	16 46.75	−24 27.4	1.631	2.469	15.9	20.5
5 1	16 41.13	−24 32.7	1.568	2.484	12.2	20.3
5 11	16 32.85	−24 30.8	1.526	2.499	7.9	20.1
5 21	16 22.77	−24 21.1	1.508	2.514	3.3	19.8
5 31	16 12.09	−24 4.3	1.517	2.529	2.1	19.8
6 10	16 2.15	−23 43.4	1.553	2.543	6.5	20.1
6 20	15 54.00	−23 22.1	1.613	2.557	10.7	20.4
6 30	15 48.40	−23 4.2	1.696	2.571	14.3	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
418425 2008 *OR*			5 27.1	44°.62	8°.1/ 1.8	17
	h m	° ′			°	m
4 21	16 50.97	−46 21.5	1.613	2.382	19.0	20.1
5 1	16 44.84	−45 49.9	1.539	2.391	16.1	19.9
5 11	16 35.31	−44 48.3	1.483	2.400	12.9	19.7
5 21	16 23.65	−43 13.2	1.449	2.409	9.8	19.6
5 31	16 11.61	−41 5.9	1.440	2.419	8.1	19.5
6 10	16 0.92	−38 34.8	1.458	2.429	9.0	19.6
6 20	15 52.80	−35 52.4	1.501	2.439	11.7	19.7
6 30	15 47.92	−33 12.0	1.569	2.450	14.9	20.0
504726 2009 UR_{129}			5 27.1	188°.79	1°.8/25.9	17
4 21	16 43.85	−21 7.8	2.028	2.862	13.4	21.7
5 1	16 38.42	−19 52.2	1.945	2.861	10.2	21.5
5 11	16 30.90	−18 28.3	1.885	2.861	6.5	21.3
5 21	16 21.99	−16 59.1	1.853	2.859	2.8	21.0
5 31	16 12.60	−15 29.6	1.850	2.858	2.8	21.0
6 10	16 3.75	−14 5.6	1.875	2.856	6.6	21.2
6 20	15 56.26	−12 51.9	1.928	2.853	10.3	21.5
6 30	15 50.76	−11 52.2	2.003	2.850	13.5	21.7
30476 2000 OY_{34}			5 27.1	48°.45	11°.1/22.8	17
4 21	16 40.52	+ 2 31.5	1.535	2.368	17.0	17.7
5 1	16 36.23	+ 3 58.7	1.487	2.378	14.4	17.6
5 11	16 29.62	+ 5 10.0	1.460	2.389	12.2	17.4
5 21	16 21.51	+ 5 58.2	1.455	2.400	11.1	17.4
5 31	16 12.93	+ 6 18.2	1.472	2.412	11.6	17.5
6 10	16 5.01	+ 6 8.4	1.512	2.423	13.4	17.6
6 20	15 58.64	+ 5 30.9	1.572	2.435	15.7	17.8
6 30	15 54.47	+ 4 30.1	1.650	2.447	18.1	18.0
198201 2004 TY_{141}			5 27.1	318°.60	0°.2/26.9	18
4 21	16 42.26	−21 17.2	1.689	2.536	15.0	20.5
5 1	16 37.82	−21 13.7	1.609	2.531	11.5	20.3
5 11	16 30.86	−21 5.7	1.550	2.527	7.4	20.0
5 21	16 22.07	−20 53.5	1.515	2.523	2.8	19.7
5 31	16 12.51	−20 38.4	1.507	2.519	1.9	19.6
6 10	16 3.40	−20 23.1	1.525	2.515	6.6	19.9
6 20	15 55.81	−20 10.4	1.567	2.511	10.9	20.2
6 30	15 50.56	−20 3.2	1.632	2.508	14.6	20.4
501253 2013 VF_{22}			5 27.1	151°.66	5°.0/29.9	17
4 21	16 47.74	−38 11.7	2.452	3.228	13.0	22.3
5 1	16 41.38	−38 27.5	2.372	3.238	10.7	22.1
5 11	16 32.81	−38 29.5	2.314	3.246	8.1	21.9
5 21	16 22.73	−38 15.4	2.282	3.254	5.9	21.8
5 31	16 12.14	−37 44.7	2.277	3.262	5.0	21.8
6 10	16 2.10	−36 59.6	2.299	3.269	6.3	21.9
6 20	15 53.52	−36 4.5	2.349	3.275	8.7	22.0
6 30	15 47.06	−35 4.8	2.424	3.281	11.1	22.2
68381 2001 PA_{63}			5 27.1	141°.74	4°.6/24.9	18
4 21	16 40.16	− 7 50.2	2.401	3.231	11.7	19.3
5 1	16 35.26	− 7 15.0	2.330	3.237	9.2	19.1
5 11	16 28.75	− 6 44.3	2.283	3.243	6.6	18.9
5 21	16 21.15	− 6 20.7	2.262	3.249	4.8	18.8
5 31	16 13.17	− 6 6.6	2.269	3.254	5.1	18.9
6 10	16 5.56	− 6 3.8	2.303	3.259	7.1	19.0
6 20	15 58.97	− 6 12.7	2.363	3.264	9.7	19.2
6 30	15 53.93	− 6 32.8	2.446	3.269	12.1	19.3
60585 2000 EZ_{132}			5 27.1	154°.92	1°.5/26.6	18
4 21	16 45.94	−19 29.7	1.447	2.297	16.9	20.2
5 1	16 40.87	−19 8.3	1.376	2.301	12.9	20.0
5 11	16 32.89	−18 42.5	1.325	2.303	8.3	19.7
5 21	16 22.87	−18 13.8	1.299	2.306	3.3	19.4
5 31	16 12.06	−17 44.8	1.298	2.308	2.8	19.4
6 10	16 1.90	−17 19.4	1.322	2.310	7.7	19.7
6 20	15 53.60	−17 1.1	1.371	2.312	12.4	19.9
6 30	15 48.02	−16 52.7	1.440	2.313	16.4	20.2
76478 2000 FL_{60}			5 27.1	230°.72	1°.9/26.3	18
4 21	16 41.58	−16 9.1	2.273	3.108	12.1	19.5
5 1	16 36.63	−15 56.4	2.184	3.100	9.2	19.3
5 11	16 29.79	−15 43.2	2.119	3.093	6.0	19.1
5 21	16 21.61	−15 30.8	2.080	3.085	2.8	18.8
5 31	16 12.85	−15 20.7	2.070	3.077	2.6	18.8
6 10	16 4.39	−15 14.7	2.087	3.068	5.9	19.0
6 20	15 57.01	−15 14.2	2.131	3.060	9.3	19.2
6 30	15 51.35	−15 20.6	2.198	3.051	12.3	19.4
91101 1998 HK_{15}			5 27.1	228°.63	0°.3/27.2	18
4 21	16 45.65	−20 59.4	2.256	3.081	12.5	19.8
5 1	16 39.91	−21 21.0	2.160	3.070	9.6	19.5
5 11	16 32.01	−21 40.7	2.087	3.060	6.2	19.3
5 21	16 22.52	−21 57.6	2.042	3.048	2.4	19.0
5 31	16 12.26	−22 11.4	2.025	3.036	1.6	18.9
6 10	16 2.24	−22 22.8	2.037	3.024	5.4	19.2
6 20	15 53.35	−22 33.1	2.076	3.011	9.1	19.4
6 30	15 46.35	−22 44.3	2.139	2.998	12.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
372406 2009 RE_{23}			5 27.1	338°.77	2°.0/26.3	16
	h m	° ′			°	m
4 21	16 40.27	−20 3.2	1.379	2.242	16.8	20.9
5 1	16 36.72	−19 17.5	1.304	2.236	12.9	20.7
5 11	16 30.34	−18 24.6	1.249	2.230	8.3	20.4
5 21	16 21.92	−17 27.3	1.218	2.225	3.5	20.1
5 31	16 12.69	−16 30.4	1.211	2.220	3.2	20.1
6 10	16 4.03	−15 39.6	1.228	2.216	8.1	20.3
6 20	15 57.14	−14 59.7	1.269	2.213	12.9	20.6
6 30	15 52.89	−14 34.3	1.329	2.210	17.0	20.8
465839 2010 NT_{53}			5 27.1	311°.78	4°.8/28.0	17
4 21	16 42.72	−28 50.9	1.251	2.105	18.8	21.0
5 1	16 39.78	−29 36.9	1.154	2.076	15.1	20.6
5 11	16 33.12	−30 14.8	1.076	2.047	10.7	20.3
5 21	16 23.31	−30 39.9	1.019	2.019	6.3	20.0
5 31	16 11.62	−30 48.0	0.985	1.991	5.1	19.8
6 10	15 59.99	−30 39.2	0.974	1.964	9.2	19.9
6 20	15 50.31	−30 17.6	0.983	1.938	14.5	20.1
6 30	15 44.11	−29 50.6	1.012	1.912	19.5	20.3
263023 2007 EF_{210}			5 27.1	120°.64	3°.6/25.4	18
4 21	16 39.18	−10 4.6	2.504	3.336	11.2	20.6
5 1	16 34.52	− 9 43.1	2.429	3.340	8.7	20.4
5 11	16 28.29	− 9 24.8	2.378	3.344	6.0	20.3
5 21	16 20.99	− 9 11.8	2.354	3.348	3.9	20.1
5 31	16 13.31	− 9 6.0	2.357	3.351	4.1	20.2
6 10	16 5.96	− 9 8.6	2.389	3.355	6.3	20.3
6 20	15 59.57	− 9 20.2	2.446	3.358	9.0	20.5
6 30	15 54.66	− 9 40.8	2.527	3.362	11.4	20.6
475716 2006 WF_{10}			5 27.1	290°.91	2°.9/25.3	18
4 21	16 39.50	−17 3.4	2.097	2.940	12.7	21.0
5 1	16 35.27	−15 58.1	1.998	2.919	9.7	20.8
5 11	16 29.03	−14 47.4	1.923	2.898	6.4	20.5
5 21	16 21.36	−13 34.7	1.874	2.877	3.4	20.3
5 31	16 13.05	−12 24.2	1.853	2.856	3.7	20.3
6 10	16 5.03	−11 20.7	1.860	2.835	7.1	20.4
6 20	15 58.13	−10 28.2	1.892	2.814	10.6	20.6
6 30	15 53.03	− 9 49.5	1.947	2.793	13.9	20.8
507693 2013 TE_{13}			5 27.1	305°.54	2°.4/26.3	17
4 21	16 40.96	−17 44.2	1.425	2.286	16.5	21.4
5 1	16 37.47	−17 18.7	1.330	2.261	12.8	21.1
5 11	16 31.05	−16 49.3	1.256	2.236	8.4	20.8
5 21	16 22.31	−16 18.3	1.205	2.212	3.7	20.5
5 31	16 12.38	−15 49.0	1.178	2.187	3.6	20.4
6 10	16 2.68	−15 25.5	1.176	2.163	8.5	20.6
6 20	15 54.57	−15 11.5	1.196	2.140	13.5	20.8
6 30	15 49.12	−15 9.9	1.236	2.117	18.1	21.0
279184 2009 SG_{339}			5 27.1	206°.51	2°.2/25.9	18
4 21	16 43.21	−16 12.8	2.459	3.287	11.5	21.8
5 1	16 37.70	−15 39.6	2.368	3.280	8.8	21.6
5 11	16 30.39	−15 4.4	2.301	3.272	5.7	21.4
5 21	16 21.84	−14 29.2	2.261	3.264	2.8	21.2
5 31	16 12.77	−13 56.3	2.250	3.255	2.9	21.2
6 10	16 4.02	−13 28.2	2.269	3.245	5.9	21.4
6 20	15 56.30	−13 7.1	2.314	3.235	9.0	21.6
6 30	15 50.22	−12 54.6	2.384	3.223	11.9	21.7
122886 2000 SD_{146}			5 27.1	251°.00	0°.1/27.1	17
4 21	16 43.25	−22 33.8	2.032	2.866	13.4	21.1
5 1	16 38.28	−22 17.1	1.936	2.851	10.3	20.9
5 11	16 31.05	−21 54.3	1.862	2.836	6.6	20.6
5 21	16 22.17	−21 25.8	1.814	2.821	2.6	20.3
5 31	16 12.54	−20 53.2	1.793	2.805	1.7	20.2
6 10	16 3.22	−20 19.5	1.800	2.788	5.9	20.5
6 20	15 55.16	−19 48.0	1.833	2.772	9.9	20.7
6 30	15 49.14	−19 22.2	1.890	2.755	13.4	20.9
160558 1998 RL_{51}			5 27.1	319°.10	3°.1/28.3	18
4 21	16 40.34	−29 24.8	1.575	2.417	16.2	19.6
5 1	16 36.94	−29 29.7	1.480	2.395	12.8	19.3
5 11	16 30.65	−29 22.5	1.405	2.374	8.9	19.0
5 21	16 22.14	−29 1.3	1.352	2.353	4.8	18.7
5 31	16 12.53	−28 26.1	1.325	2.333	3.4	18.6
6 10	16 3.27	−27 40.0	1.322	2.314	7.2	18.8
6 20	15 55.64	−26 48.5	1.343	2.295	11.7	19.0
6 30	15 50.67	−25 58.0	1.386	2.277	15.8	19.2
159659 2002 EE_{84}			5 27.1	359°.38	2°.2/26.3	17
4 21	16 41.68	−16 39.5	1.687	2.537	14.9	20.4
5 1	16 37.27	−16 22.7	1.612	2.537	11.4	20.2
5 11	16 30.45	−16 4.9	1.559	2.536	7.4	19.9
5 21	16 21.93	−15 47.9	1.531	2.536	3.3	19.7
5 31	16 12.74	−15 34.0	1.528	2.536	3.1	19.7
6 10	16 4.03	−15 25.6	1.552	2.537	7.1	19.9
6 20	15 56.79	−15 24.7	1.600	2.537	11.2	20.1
6 30	15 51.80	−15 32.7	1.669	2.538	14.8	20.4

208471 2001 UP_{106} 5 27.1 294.°53 1.°4/26.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.25	−18 23.3	2.082	2.923	12.8	20.4
5 1	16 35.82	−18 8.2	1.996	2.916	9.8	20.2
5 11	16 29.37	−17 50.8	1.933	2.909	6.3	19.9
5 21	16 21.49	−17 32.2	1.896	2.902	2.6	19.7
5 31	16 13.01	−17 14.4	1.886	2.895	2.3	19.6
6 10	16 4.87	−16 59.4	1.903	2.888	6.0	19.9
6 20	15 57.90	−16 49.5	1.946	2.882	9.6	20.1
6 30	15 52.78	−16 46.5	2.012	2.875	12.8	20.3

258928 2002 RL_{67} 5 27.1 246.°28 2.°8/28.3 18

4 21	16 46.94	−29 53.5	2.037	2.851	14.1	20.7
5 1	16 41.33	−29 55.7	1.933	2.832	11.1	20.5
5 11	16 33.14	−29 47.3	1.850	2.813	7.7	20.2
5 21	16 23.03	−29 26.5	1.793	2.792	4.2	20.0
5 31	16 11.98	−28 52.9	1.764	2.771	3.0	19.9
6 10	16 1.23	−28 9.2	1.763	2.749	6.2	20.0
6 20	15 51.88	−27 19.6	1.788	2.727	10.1	20.2
6 30	15 44.82	−26 29.8	1.836	2.704	13.7	20.4

98783 2000 YB_{93} 5 27.1 53.°64 1.°1/26.7 18

4 21	16 43.84	−20 38.1	1.319	2.178	17.7	19.2
5 1	16 39.35	−20 14.8	1.261	2.190	13.4	19.0
5 11	16 31.92	−19 45.9	1.223	2.203	8.6	18.7
5 21	16 22.49	−19 13.1	1.208	2.216	3.3	18.5
5 31	16 12.44	−18 39.7	1.218	2.229	2.6	18.4
6 10	16 3.21	−18 9.8	1.252	2.242	7.7	18.8
6 20	15 55.99	−17 47.3	1.309	2.256	12.4	19.1
6 30	15 51.54	−17 35.1	1.387	2.270	16.4	19.4

381666 2009 BR_{21} 5 27.1 212.°19 5.°2/25.3 18

4 21	16 42.35	− 6 37.8	2.119	2.949	13.0	20.3
5 1	16 37.24	− 6 16.9	2.040	2.946	10.3	20.2
5 11	16 30.20	− 6 2.5	1.984	2.943	7.5	20.0
5 21	16 21.80	− 5 57.3	1.953	2.939	5.4	19.8
5 31	16 12.84	− 6 3.5	1.949	2.936	5.6	19.8
6 10	16 4.23	− 6 22.2	1.973	2.932	8.0	20.0
6 20	15 56.77	− 6 53.4	2.022	2.928	10.9	20.1
6 30	15 51.09	− 7 35.9	2.093	2.923	13.6	20.3

302245 2001 WC_{104} 5 27.1 126.°55 2.°8/28.2 17

4 21	16 43.53	−29 26.6	2.471	3.281	12.0	21.7
5 1	16 38.10	−29 53.4	2.391	3.288	9.4	21.5
5 11	16 30.72	−30 12.9	2.335	3.295	6.5	21.3
5 21	16 21.99	−30 23.5	2.306	3.302	3.7	21.2
5 31	16 12.72	−30 24.6	2.304	3.308	2.9	21.1
6 10	16 3.82	−30 17.3	2.331	3.314	5.2	21.3
6 20	15 56.09	−30 4.1	2.385	3.321	8.1	21.5
6 30	15 50.17	−29 48.2	2.463	3.327	10.8	21.6

353175 2009 ML_{3} 5 27.1 269.°84 4.°4/25.1 17

4 21	16 39.40	− 8 42.1	2.285	3.120	12.0	20.4
5 1	16 34.88	− 8 13.3	2.206	3.116	9.4	20.2
5 11	16 28.63	− 7 48.6	2.150	3.113	6.7	20.0
5 21	16 21.18	− 7 30.7	2.120	3.110	4.7	19.9
5 31	16 13.25	− 7 22.0	2.117	3.107	4.9	19.9
6 10	16 5.64	− 7 24.1	2.141	3.103	7.2	20.0
6 20	15 59.06	− 7 37.6	2.191	3.100	10.0	20.2
6 30	15 54.09	− 8 2.1	2.263	3.097	12.6	20.4

40574 1999 RO_{130} 5 27.1 303.°78 4.°8/28.6 18 R

4 21	16 44.02	−31 36.2	1.399	2.239	18.0	18.9
5 1	16 40.18	−31 59.9	1.312	2.224	14.4	18.6
5 11	16 32.96	−32 10.0	1.245	2.209	10.4	18.4
5 21	16 23.09	−32 2.5	1.199	2.195	6.3	18.1
5 31	16 11.95	−31 35.9	1.176	2.181	5.0	18.0
6 10	16 1.25	−30 52.8	1.178	2.167	8.3	18.1
6 20	15 52.56	−29 59.6	1.203	2.154	12.8	18.3
6 30	15 47.03	−29 4.4	1.248	2.141	17.1	18.5

378237 2007 CF 5 27.1 339.°38 4.°8/25.4 17

4 21	16 40.27	−12 16.4	1.472	2.331	16.1	20.6
5 1	16 36.49	−11 36.8	1.398	2.326	12.5	20.3
5 11	16 30.10	−10 59.1	1.346	2.320	8.6	20.1
5 21	16 21.84	−10 27.4	1.316	2.316	5.3	19.9
5 31	16 12.81	−10 5.7	1.312	2.312	5.5	19.9
6 10	16 4.27	− 9 57.4	1.331	2.308	9.1	20.0
6 20	15 57.32	−10 4.0	1.374	2.305	13.2	20.3
6 30	15 52.78	−10 25.6	1.436	2.302	16.9	20.5

266084 2006 SN_{6} 5 27.1 260.°83 0.°2/27.0 18

4 21	16 46.27	−21 35.6	1.950	2.781	13.9	21.4
5 1	16 40.87	−21 30.1	1.841	2.755	10.8	21.1
5 11	16 32.92	−21 19.9	1.755	2.729	7.0	20.8
5 21	16 22.98	−21 4.7	1.694	2.701	2.7	20.5
5 31	16 12.02	−20 45.4	1.662	2.673	1.8	20.4
6 10	16 1.19	−20 24.4	1.657	2.644	6.4	20.6
6 20	15 51.63	−20 4.7	1.678	2.615	10.8	20.8
6 30	15 44.25	−19 49.7	1.722	2.584	14.7	21.0

334740 2003 PT_{5} 5 27.1 248.°50 0.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.10	−20 48.2	2.463	3.288	11.6	21.7
5 1	16 37.81	−20 27.1	2.356	3.267	8.9	21.4
5 11	16 30.59	−20 1.4	2.272	3.245	5.7	21.2
5 21	16 21.98	−19 31.9	2.216	3.223	2.2	20.9
5 31	16 12.71	−19 0.1	2.189	3.200	1.7	20.8
6 10	16 3.64	−18 28.6	2.191	3.176	5.3	21.1
6 20	15 55.58	−18 0.1	2.220	3.151	8.8	21.2
6 30	15 49.18	−17 37.1	2.273	3.126	11.9	21.4

503906 2002 CK_{9} 5 27.1 282.°52 9.°5/23.4 17

4 21	16 41.27	+ 1 50.7	1.802	2.625	15.2	21.1
5 1	16 36.68	+ 2 50.3	1.735	2.622	12.8	20.9
5 11	16 29.94	+ 3 37.0	1.689	2.619	10.7	20.8
5 21	16 21.72	+ 4 5.0	1.666	2.616	9.5	20.7
5 31	16 12.92	+ 4 10.0	1.667	2.613	10.0	20.7
6 10	16 4.56	+ 3 50.5	1.692	2.611	11.8	20.8
6 20	15 57.51	+ 3 7.6	1.739	2.608	14.2	21.0
6 30	15 52.46	+ 2 4.7	1.805	2.605	16.7	21.2

40746 1999 TP_{2} 5 27.1 324.°42 3.°9/26.6 18

4 21	16 43.83	−11 14.6	1.250	2.113	18.2	17.9
5 1	16 39.95	−11 36.1	1.169	2.098	14.3	17.6
5 11	16 32.80	−12 7.2	1.106	2.083	9.7	17.2
5 21	16 23.05	−12 49.4	1.066	2.069	5.1	16.9
5 31	16 11.97	−13 43.2	1.049	2.056	4.7	16.9
6 10	16 1.18	−14 47.6	1.057	2.044	9.3	17.1
6 20	15 52.20	−16 0.4	1.086	2.032	14.4	17.3
6 30	15 46.23	−17 19.6	1.135	2.021	19.0	17.6

227360 2005 UK_{138} 5 27.1 325.°46 0.°5/27.3 17

4 21	16 42.78	−23 13.2	1.593	2.440	15.8	20.9
5 1	16 38.42	−23 10.5	1.514	2.436	12.1	20.7
5 11	16 31.36	−23 1.3	1.456	2.432	7.9	20.4
5 21	16 22.35	−22 45.6	1.422	2.429	3.1	20.1
5 31	16 12.52	−22 24.5	1.414	2.426	1.9	20.0
6 10	16 3.18	−22 1.0	1.431	2.422	6.7	20.3
6 20	15 55.49	−21 38.8	1.473	2.420	11.2	20.6
6 30	15 50.30	−21 21.8	1.536	2.417	15.1	20.8

4466 Abai 5 27.1 237.°93 1.°0/26.6 18

4 21	16 40.73	−19 27.4	2.168	3.005	12.5	17.0
5 1	16 36.08	−19 9.6	2.084	3.003	9.5	16.8
5 11	16 29.49	−18 48.6	2.024	3.000	6.1	16.6
5 21	16 21.54	−18 25.6	1.990	2.997	2.4	16.3
5 31	16 13.05	−18 2.3	1.984	2.994	2.0	16.3
6 10	16 4.93	−17 41.2	2.005	2.991	5.7	16.5
6 20	15 57.98	−17 24.5	2.053	2.988	9.2	16.8
6 30	15 52.82	−17 14.3	2.124	2.985	12.3	16.9

215444 2002 NU_{36} 5 27.1 270.°50 5.°1/24.9 18

4 21	16 42.32	−11 51.1	1.628	2.478	15.3	21.0
5 1	16 37.94	−10 55.2	1.541	2.463	12.0	20.7
5 11	16 31.03	− 9 59.5	1.476	2.447	8.4	20.5
5 21	16 22.24	− 9 8.3	1.435	2.431	5.5	20.3
5 31	16 12.59	− 8 26.7	1.420	2.415	5.9	20.2
6 10	16 3.30	− 7 59.0	1.430	2.399	9.3	20.4
6 20	15 55.44	− 7 47.9	1.463	2.383	13.3	20.6
6 30	15 49.87	− 7 54.2	1.517	2.366	17.0	20.8

478838 2012 VW_{40} 5 27.1 292.°53 1.°1/26.6 17

4 21	16 40.87	−19 57.9	1.910	2.754	13.7	21.8
5 1	16 36.48	−19 32.7	1.826	2.747	10.5	21.6
5 11	16 29.89	−19 3.0	1.764	2.741	6.7	21.3
5 21	16 21.74	−18 30.3	1.728	2.735	2.7	21.1
5 31	16 12.96	−17 57.1	1.718	2.729	2.2	21.0
6 10	16 4.57	−17 26.4	1.736	2.722	6.3	21.3
6 20	15 57.49	−17 1.3	1.778	2.716	10.2	21.5
6 30	15 52.45	−16 44.4	1.844	2.711	13.6	21.7

374971 2007 DV_{43} 5 27.1 102.°96 6.°1/24.5 17

4 21	16 42.19	− 8 10.1	1.772	2.614	14.6	21.9
5 1	16 37.30	− 7 8.2	1.710	2.624	11.5	21.8
5 11	16 30.27	− 6 11.1	1.672	2.634	8.4	21.6
5 21	16 21.83	− 5 23.4	1.658	2.644	6.2	21.5
5 31	16 12.94	− 4 49.6	1.670	2.653	6.7	21.5
6 10	16 4.61	− 4 32.5	1.707	2.663	9.2	21.7
6 20	15 57.70	− 4 32.8	1.769	2.672	12.3	21.9
6 30	15 52.83	− 4 49.6	1.851	2.681	15.1	22.1

354689 2005 QV_{22} 5 27.1 181.°89 4.°0/24.7 16

4 21	16 38.99	− 8 57.1	2.709	3.537	10.6	21.6
5 1	16 34.28	− 8 16.4	2.631	3.537	8.3	21.4
5 11	16 28.12	− 7 38.7	2.577	3.538	5.9	21.3
5 21	16 20.98	− 7 6.3	2.549	3.537	4.2	21.2
5 31	16 13.48	− 6 41.8	2.551	3.537	4.5	21.2
6 10	16 6.27	− 6 27.1	2.580	3.536	6.5	21.3
6 20	15 59.94	− 6 23.0	2.635	3.535	8.9	21.4
6 30	15 54.98	− 6 29.7	2.714	3.533	11.2	21.6

241493 2009 BQ_{172} 5 27.1 289°.16 1°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.58	−19 35.5	2.036	2.877	13.1	20.7
5 1	16 36.14	−19 17.4	1.950	2.870	10.0	20.5
5 11	16 29.62	−18 55.8	1.887	2.863	6.4	20.3
5 21	16 21.64	−18 31.8	1.850	2.857	2.6	20.0
5 31	16 13.04	−18 7.5	1.840	2.850	2.1	19.9
6 10	16 4.80	−17 45.3	1.857	2.844	6.0	20.2
6 20	15 57.77	−17 27.9	1.900	2.837	9.7	20.4
6 30	15 52.66	−17 17.3	1.965	2.831	13.0	20.6

49665 1999 NL_2 5 27.1 176°.25 17°.8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.94	+14 1.3	1.346	2.138	21.0	19.3
5 1	16 41.61	+16 21.9	1.303	2.141	19.3	19.2
5 11	16 33.36	+18 15.4	1.277	2.143	18.1	19.1
5 21	16 23.10	+19 30.2	1.270	2.144	17.8	19.1
5 31	16 12.14	+19 58.4	1.282	2.144	18.5	19.1
6 10	16 1.92	+19 38.6	1.311	2.144	19.9	19.2
6 20	15 53.61	+18 35.2	1.356	2.143	21.8	19.4
6 30	15 48.04	+16 56.3	1.415	2.141	23.6	19.5

210789 2001 DH_{88} 5 27.1 15°.30 14°.1/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.09	−35 57.5	1.018	1.846	24.0	19.4
5 1	16 56.81	−39 34.2	0.955	1.846	20.4	19.1
5 11	16 45.57	−43 6.2	0.912	1.847	16.9	18.9
5 21	16 28.69	−46 12.4	0.889	1.848	14.4	18.8
5 31	16 8.17	−48 31.4	0.889	1.850	14.4	18.8
6 10	15 47.58	−49 53.5	0.910	1.852	16.7	18.9
6 20	15 30.59	−50 24.2	0.950	1.854	20.1	19.1
6 30	15 19.72	−50 19.7	1.006	1.857	23.5	19.4

370959 2005 SO_{91} 5 27.1 27°.85 4°.6/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.28	−14 35.3	1.428	2.291	16.4	19.9
5 1	16 36.41	−13 26.2	1.366	2.296	12.6	19.6
5 11	16 29.96	−12 15.5	1.325	2.302	8.5	19.4
5 21	16 21.78	−11 8.4	1.308	2.308	5.0	19.2
5 31	16 13.01	−10 10.9	1.315	2.315	5.5	19.3
6 10	16 4.92	− 9 28.0	1.347	2.323	9.1	19.5
6 20	15 58.51	− 9 2.6	1.402	2.330	13.1	19.7
6 30	15 54.52	− 8 55.5	1.476	2.339	16.7	20.0

346331 2008 RG_{27} 5 27.1 135°.59 5°.1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.20	−38 26.9	2.528	3.300	12.8	21.3
5 1	16 41.70	−38 50.1	2.453	3.315	10.5	21.1
5 11	16 33.03	−39 0.1	2.400	3.329	8.0	21.0
5 21	16 22.91	−38 54.3	2.373	3.342	5.9	20.9
5 31	16 12.29	−38 32.2	2.373	3.355	5.1	20.8
6 10	16 2.22	−37 55.6	2.401	3.367	6.3	20.9
6 20	15 53.59	−37 8.5	2.456	3.379	8.5	21.1
6 30	15 47.04	−36 16.1	2.536	3.390	10.8	21.3

370925 2005 NT_{77} 5 27.1 347°.65 1°.3/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 38.78	−20 23.2	1.222	2.094	18.0	20.8
5 1	16 35.99	−19 59.2	1.150	2.087	13.8	20.5
5 11	16 30.12	−19 28.8	1.097	2.080	8.9	20.2
5 21	16 21.97	−18 54.0	1.066	2.074	3.5	19.9
5 31	16 12.85	−18 18.5	1.058	2.070	2.8	19.8
6 10	16 4.32	−17 47.0	1.074	2.066	8.3	20.1
6 20	15 57.71	−17 23.9	1.111	2.064	13.4	20.4
6 30	15 53.97	−17 12.6	1.167	2.062	17.9	20.6

184969 2005 WN_{191} 5 27.1 198°.56 3°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 38.94	−11 16.1	2.787	3.615	10.3	21.1
5 1	16 34.25	−10 46.9	2.703	3.613	7.9	20.9
5 11	16 28.12	−10 19.5	2.644	3.610	5.5	20.7
5 21	16 21.00	− 9 55.8	2.612	3.607	3.5	20.6
5 31	16 13.50	− 9 37.8	2.608	3.603	3.7	20.6
6 10	16 6.26	− 9 27.2	2.633	3.600	5.8	20.7
6 20	15 59.88	− 9 25.1	2.685	3.595	8.3	20.9
6 30	15 54.83	− 9 31.8	2.761	3.591	10.7	21.1

203652 2002 GS_{164} 5 27.1 100°.98 2°.2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.34	−17 33.1	1.508	2.358	16.3	20.3
5 1	16 40.19	−17 9.1	1.444	2.368	12.5	20.1
5 11	16 32.36	−16 43.0	1.401	2.379	8.0	19.9
5 21	16 22.71	−16 16.6	1.382	2.389	3.5	19.6
5 31	16 12.44	−15 52.9	1.390	2.398	3.2	19.6
6 10	16 2.86	−15 35.1	1.422	2.408	7.6	19.9
6 20	15 55.05	−15 25.7	1.479	2.417	11.9	20.2
6 30	15 49.79	−15 26.4	1.558	2.426	15.6	20.4

303685 2005 NH_{44} 5 27.1 319°.29 3°.4/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.57	−31 58.0	2.001	2.820	14.1	20.4
5 1	16 37.16	−31 56.2	1.913	2.813	11.2	20.1
5 11	16 30.40	−31 42.0	1.846	2.806	7.9	19.9
5 21	16 21.98	−31 14.2	1.804	2.800	4.7	19.7
5 31	16 12.88	−30 33.2	1.788	2.793	3.5	19.6
6 10	16 4.23	−29 42.2	1.800	2.787	6.1	19.8
6 20	15 57.00	−28 45.9	1.837	2.781	9.5	20.0
6 30	15 51.95	−27 49.6	1.897	2.775	12.8	20.2

100377 1995 VH 5 27.1 192°.98 0°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.95	−25 46.5	2.887	3.702	10.3	19.8
5 1	16 35.80	−25 22.6	2.795	3.700	7.9	19.6
5 11	16 29.11	−24 52.1	2.729	3.697	5.2	19.4
5 21	16 21.39	−24 15.4	2.690	3.695	2.2	19.2
5 31	16 13.28	−23 34.0	2.680	3.691	1.3	19.2
6 10	16 5.49	−22 50.4	2.700	3.688	4.3	19.4
6 20	15 58.65	−22 7.2	2.748	3.683	7.1	19.6
6 30	15 53.26	−21 27.2	2.821	3.679	9.7	19.7

429946 2012 UA_{11} 5 27.1 323°.49 6°.7/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.19	−30 52.8	1.410	2.250	17.8	20.6
5 1	16 40.76	−32 22.6	1.313	2.223	14.6	20.3
5 11	16 33.75	−33 48.1	1.236	2.196	10.9	20.1
5 21	16 23.64	−35 2.5	1.181	2.171	7.6	19.8
5 31	16 11.64	−35 59.0	1.150	2.146	6.9	19.7
6 10	15 59.54	−36 34.3	1.142	2.121	9.8	19.8
6 20	15 49.21	−36 49.7	1.157	2.098	14.1	19.9
6 30	15 42.19	−36 51.0	1.190	2.076	18.2	20.1

453102 2007 WC_{41} 5 27.1 246°.04 1°.0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 36.45	−17 55.1	3.368	4.195	8.7	22.2
5 1	16 32.22	−17 44.0	3.275	4.188	6.6	22.1
5 11	16 26.77	−17 31.6	3.207	4.180	4.2	21.9
5 21	16 20.48	−17 18.8	3.167	4.173	1.8	21.7
5 31	16 13.85	−17 6.6	3.156	4.165	1.6	21.7
6 10	16 7.42	−16 56.3	3.174	4.157	4.0	21.9
6 20	16 1.66	−16 49.0	3.221	4.149	6.5	22.0
6 30	15 57.02	−16 45.8	3.292	4.141	8.7	22.2

342780 2008 WN_{109} 5 27.1 201°.37 0°.9/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.79	−25 12.2	2.103	2.931	13.2	21.9
5 1	16 37.80	−25 2.7	2.018	2.930	10.1	21.7
5 11	16 30.67	−24 46.0	1.956	2.928	6.6	21.5
5 21	16 22.06	−24 22.0	1.920	2.926	2.8	21.2
5 31	16 12.85	−23 51.9	1.912	2.924	1.7	21.2
6 10	16 4.07	−23 18.5	1.932	2.921	5.5	21.4
6 20	15 56.58	−22 45.2	1.977	2.918	9.2	21.6
6 30	15 51.07	−22 15.5	2.047	2.916	12.4	21.8

106452 2000 VJ_{59} 5 27.1 229°.06 4°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.80	−35 35.9	2.659	3.442	12.0	19.2
5 1	16 40.86	−36 33.0	2.564	3.434	9.8	19.1
5 11	16 32.71	−37 21.4	2.492	3.427	7.5	18.9
5 21	16 22.91	−37 57.7	2.446	3.419	5.5	18.8
5 31	16 12.27	−38 19.6	2.428	3.411	5.0	18.7
6 10	16 1.82	−38 27.0	2.438	3.402	6.3	18.8
6 20	15 52.49	−38 22.0	2.475	3.394	8.6	18.9
6 30	15 45.05	−38 8.1	2.537	3.385	11.0	19.1

499824 2011 DE_{19} 5 27.1 69°.65 6°.9/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.61	−39 48.0	1.700	2.494	17.2	20.4
5 1	16 42.89	−40 11.0	1.640	2.513	14.2	20.3
5 11	16 34.14	−40 14.4	1.599	2.533	11.0	20.1
5 21	16 23.40	−39 54.7	1.581	2.552	8.1	20.0
5 31	16 12.08	−39 11.3	1.588	2.572	6.9	20.0
6 10	16 1.72	−38 8.6	1.620	2.591	8.3	20.1
6 20	15 53.51	−36 53.5	1.677	2.610	11.0	20.3
6 30	15 48.19	−35 34.5	1.756	2.630	13.9	20.5

82990 2001 QK_{152} 5 27.1 249°.86 1°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.83	−18 13.8	2.301	3.136	12.0	19.2
5 1	16 36.12	−17 57.0	2.209	3.126	9.1	19.0
5 11	16 29.54	−17 37.9	2.141	3.116	5.9	18.8
5 21	16 21.63	−17 17.7	2.100	3.106	2.5	18.5
5 31	16 13.14	−16 58.1	2.086	3.095	2.2	18.5
6 10	16 4.94	−16 41.3	2.101	3.085	5.6	18.7
6 20	15 57.80	−16 29.2	2.142	3.074	9.0	18.9
6 30	15 52.36	−16 23.6	2.206	3.063	12.1	19.1

297757 2001 XX_{93} 5 27.1 73°.44 2°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.75	−25 29.0	1.340	2.187	18.2	20.0
5 1	16 42.65	−25 59.2	1.277	2.197	14.1	19.7
5 11	16 34.28	−26 21.8	1.233	2.206	9.3	19.5
5 21	16 23.56	−26 34.1	1.212	2.216	4.4	19.2
5 31	16 11.94	−26 35.3	1.215	2.226	3.0	19.2
6 10	16 1.09	−26 27.6	1.244	2.235	7.5	19.5
6 20	15 52.39	−26 15.2	1.296	2.245	12.2	19.8
6 30	15 46.79	−26 3.0	1.369	2.255	16.3	20.0

437018 2012 TK_{271} 5 27.1 282°.83 1°.4/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.57	−18 17.3	1.914	2.757	13.7	21.3
5 1	16 37.08	−18 4.4	1.826	2.747	10.5	21.1
5 11	16 30.35	−17 49.3	1.760	2.737	6.8	20.8
5 21	16 21.99	−17 33.0	1.720	2.726	2.8	20.5
5 31	16 12.91	−17 17.4	1.706	2.716	2.4	20.5
6 10	16 4.16	−17 4.8	1.720	2.706	6.4	20.7
6 20	15 56.70	−16 57.5	1.759	2.696	10.3	20.9
6 30	15 51.26	−16 57.4	1.820	2.686	13.8	21.1

213182 2000 SO_{198} 5 27.1 185°.17 3°.1/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.36	−12 40.9	2.663	3.494	10.6	20.8
5 1	16 34.62	−12 2.6	2.581	3.493	8.2	20.6
5 11	16 28.38	−11 24.9	2.525	3.493	5.5	20.5
5 21	16 21.13	−10 50.1	2.495	3.492	3.4	20.3
5 31	16 13.49	−10 20.5	2.494	3.491	3.6	20.3
6 10	16 6.16	− 9 58.3	2.522	3.490	5.9	20.5
6 20	15 59.74	− 9 44.9	2.576	3.488	8.6	20.7
6 30	15 54.73	− 9 41.0	2.654	3.486	11.0	20.8

31739 1999 JE_{77} 5 27.1 314°.46 5°.7/24.4 18

4 21	16 38.77	− 7 23.2	2.000	2.841	13.2	18.7
5 1	16 34.69	− 6 33.2	1.922	2.834	10.5	18.5
5 11	16 28.67	− 5 47.7	1.866	2.826	7.8	18.4
5 21	16 21.30	− 5 10.9	1.834	2.819	5.9	18.2
5 31	16 13.37	− 4 46.4	1.830	2.812	6.3	18.2
6 10	16 5.79	− 4 36.8	1.850	2.806	8.7	18.4
6 20	15 59.35	− 4 43.0	1.895	2.799	11.6	18.5
6 30	15 54.69	− 5 4.5	1.962	2.793	14.4	18.7

130565 2000 RH_{38} 5 27.1 317°.26 4°.4/25.7 17

4 21	16 40.15	−14 55.8	1.222	2.094	18.0	19.2
5 1	16 37.10	−14 12.4	1.143	2.078	14.0	18.9
5 11	16 30.93	−13 27.1	1.082	2.062	9.4	18.6
5 21	16 22.36	−12 44.2	1.044	2.047	5.1	18.3
5 31	16 12.65	−12 8.9	1.028	2.033	5.4	18.2
6 10	16 3.38	−11 46.4	1.035	2.019	10.0	18.4
6 20	15 55.93	−11 40.1	1.064	2.006	15.0	18.7
6 30	15 51.38	−11 51.4	1.111	1.994	19.5	18.9

165246 2000 SW_{148} 5 27.1 248°.45 4°.2/28.3 17

4 21	16 48.07	−30 14.9	1.633	2.459	16.5	20.0
5 1	16 42.87	−30 50.8	1.544	2.448	13.1	19.8
5 11	16 34.52	−31 16.9	1.474	2.436	9.3	19.5
5 21	16 23.74	−31 29.4	1.429	2.425	5.5	19.2
5 31	16 11.77	−31 26.0	1.409	2.413	4.4	19.1
6 10	16 0.15	−31 8.0	1.415	2.400	7.6	19.3
6 20	15 50.32	−30 39.7	1.445	2.387	11.8	19.5
6 30	15 43.35	−30 7.5	1.497	2.374	15.7	19.7

375948 2009 WM_{153} 5 27.1 69°.85 5°.1/28.5 17

4 21	16 48.26	−31 55.9	1.714	2.531	16.1	20.5
5 1	16 42.63	−32 53.8	1.647	2.544	12.9	20.3
5 11	16 34.09	−33 40.9	1.602	2.557	9.3	20.1
5 21	16 23.47	−34 13.1	1.581	2.570	6.1	19.9
5 31	16 12.02	−34 27.8	1.586	2.584	5.2	19.9
6 10	16 1.19	−34 26.2	1.618	2.597	7.5	20.1
6 20	15 52.22	−34 12.2	1.673	2.610	10.8	20.3
6 30	15 45.98	−33 51.4	1.751	2.623	14.0	20.5

359758 2011 UL_{99} 5 27.1 226°.78 2°.3/28.1 18

4 21	16 43.06	−28 31.7	2.610	3.420	11.4	21.6
5 1	16 37.78	−28 53.2	2.515	3.413	9.0	21.4
5 11	16 30.60	−29 8.1	2.443	3.405	6.1	21.2
5 21	16 22.06	−29 15.3	2.398	3.397	3.4	21.0
5 31	16 12.90	−29 14.1	2.382	3.388	2.5	20.9
6 10	16 3.99	−29 5.6	2.394	3.379	5.0	21.1
6 20	15 56.12	−28 52.0	2.434	3.370	7.9	21.2
6 30	15 49.93	−28 36.2	2.498	3.361	10.7	21.4

510623 2012 TU_{158} 5 27.1 247°.11 0°.7/26.8 17

4 21	16 42.14	−20 21.2	2.064	2.901	13.1	21.9
5 1	16 37.36	−20 10.2	1.976	2.893	10.0	21.6
5 11	16 30.45	−19 55.5	1.911	2.886	6.4	21.4
5 21	16 22.02	−19 37.7	1.871	2.878	2.5	21.1
5 31	16 12.94	−19 18.5	1.859	2.870	1.8	21.1
6 10	16 4.21	−19 0.1	1.875	2.862	5.8	21.3
6 20	15 56.70	−18 45.0	1.916	2.854	9.6	21.5
6 30	15 51.13	−18 35.5	1.981	2.846	12.9	21.7

41729 2000 UF_{95} 5 27.1 107°.26 4°.4/28.4 18

4 21	16 48.50	−30 22.0	1.523	2.352	17.3	19.7
5 1	16 43.12	−31 1.2	1.453	2.359	13.7	19.5
5 11	16 34.56	−31 29.4	1.402	2.365	9.6	19.2
5 21	16 23.69	−31 42.7	1.375	2.371	5.7	19.0
5 31	16 11.89	−31 39.4	1.374	2.377	4.6	19.0
6 10	16 0.76	−31 21.6	1.398	2.383	7.6	19.2
6 20	15 51.66	−30 54.0	1.446	2.389	11.6	19.4
6 30	15 45.53	−30 23.1	1.515	2.395	15.4	19.6

130127 Zoltanfarkas 5 27.1 127°.51 1°.3/26.6 18

4 21	16 42.96	−18 1.8	1.992	2.831	13.4	20.0
5 1	16 37.91	−17 55.8	1.917	2.835	10.2	19.8
5 11	16 30.74	−17 48.2	1.864	2.839	6.5	19.6
5 21	16 22.11	−17 40.0	1.837	2.844	2.7	19.4
5 31	16 12.92	−17 32.5	1.838	2.848	2.2	19.3
6 10	16 4.16	−17 27.6	1.866	2.852	6.0	19.6
6 20	15 56.72	−17 27.0	1.920	2.856	9.7	19.8
6 30	15 51.25	−17 32.3	1.997	2.859	12.9	20.0

503964 2004 RB_{97} 5 27.1 259°.34 5°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.87	−36 34.3	1.908	2.709	15.3	20.7
5 1	16 40.80	−36 50.5	1.816	2.699	12.6	20.5
5 11	16 32.95	−36 51.3	1.745	2.689	9.5	20.3
5 21	16 23.06	−36 33.5	1.697	2.679	6.6	20.1
5 31	16 12.29	−35 56.0	1.676	2.669	5.5	20.0
6 10	16 2.00	−35 1.4	1.681	2.659	7.4	20.1
6 20	15 53.38	−33 55.2	1.710	2.648	10.6	20.2
6 30	15 47.33	−32 44.5	1.763	2.637	13.8	20.4

87680 2000 RJ_{105} 5 27.1 291°.31 7°.8/29.9 18

4 21	16 46.42	−39 56.2	1.765	2.559	16.7	19.0
5 1	16 41.83	−40 37.6	1.666	2.539	14.1	18.7
5 11	16 33.98	−41 2.3	1.587	2.518	11.2	18.5
5 21	16 23.59	−41 5.0	1.531	2.498	8.7	18.3
5 31	16 11.92	−40 42.0	1.498	2.478	7.8	18.2
6 10	16 0.60	−39 54.4	1.490	2.458	9.2	18.2
6 20	15 51.12	−38 47.6	1.506	2.437	12.2	18.4
6 30	15 44.63	−37 30.3	1.544	2.417	15.5	18.5

141363 2002 AJ_{38} 5 27.1 135°.60 1°.5/26.7 17

4 21	16 45.44	−18 59.0	1.453	2.305	16.8	20.0
5 1	16 40.55	−18 44.2	1.383	2.308	12.8	19.8
5 11	16 32.79	−18 26.0	1.332	2.310	8.2	19.5
5 21	16 22.99	−18 5.7	1.306	2.313	3.3	19.2
5 31	16 12.39	−17 45.6	1.305	2.315	2.7	19.2
6 10	16 2.41	−17 28.9	1.329	2.317	7.6	19.5
6 20	15 54.25	−17 18.7	1.377	2.319	12.2	19.8
6 30	15 48.77	−17 17.5	1.446	2.321	16.2	20.0

507691 2013 TV_{10} 5 27.1 187°.31 3°.2/25.2 17

4 21	16 42.76	−14 8.9	2.378	3.207	11.8	22.5
5 1	16 37.36	−13 12.6	2.295	3.207	9.1	22.3
5 11	16 30.22	−12 14.9	2.237	3.206	6.1	22.2
5 21	16 21.88	−11 18.8	2.206	3.204	3.6	22.0
5 31	16 13.11	−10 27.8	2.204	3.202	3.9	22.0
6 10	16 4.72	− 9 45.0	2.231	3.199	6.6	22.2
6 20	15 57.40	− 9 12.8	2.284	3.195	9.6	22.3
6 30	15 51.74	− 8 52.7	2.361	3.190	12.3	22.5

119271 2001 RB_{76} 5 27.1 202°.52 4°.6/24.6 18

4 21	16 42.46	−10 52.3	2.148	2.981	12.7	20.4
5 1	16 37.34	− 9 49.7	2.066	2.977	9.9	20.2
5 11	16 30.30	− 8 47.8	2.008	2.973	7.0	20.0
5 21	16 21.94	− 7 50.5	1.977	2.968	4.8	19.9
5 31	16 13.07	− 7 1.9	1.973	2.962	5.3	19.9
6 10	16 4.57	− 6 25.5	1.997	2.956	7.9	20.0
6 20	15 57.23	− 6 3.2	2.046	2.949	10.9	20.2
6 30	15 51.66	− 5 55.8	2.118	2.942	13.7	20.4

230261 2001 WA_{45} 5 27.1 118°.87 4°.8/24.8 17

4 21	16 42.99	−10 44.5	1.950	2.787	13.7	21.0
5 1	16 37.74	− 9 43.4	1.887	2.801	10.6	20.8
5 11	16 30.51	− 8 44.7	1.848	2.814	7.4	20.6
5 21	16 21.99	− 7 52.1	1.835	2.827	5.1	20.5
5 31	16 13.09	− 7 10.0	1.849	2.839	5.5	20.5
6 10	16 4.74	− 6 41.2	1.890	2.851	8.1	20.7
6 20	15 57.72	− 6 27.2	1.956	2.863	11.1	20.9
6 30	15 52.62	− 6 28.0	2.044	2.874	13.9	21.1

179382 2001 YA_{5} 5 27.1 87°.10 2°.7/27.9 17

4 21	16 46.37	−27 13.5	2.314	3.127	12.6	20.2
5 1	16 40.45	−28 5.5	2.238	3.137	9.8	20.1
5 11	16 32.38	−28 52.1	2.186	3.148	6.7	19.9
5 21	16 22.80	−29 30.9	2.161	3.159	3.7	19.7
5 31	16 12.57	−30 0.4	2.165	3.170	2.9	19.7
6 10	16 2.71	−30 20.5	2.197	3.180	5.5	19.9
6 20	15 54.10	−30 32.9	2.256	3.191	8.5	20.1
6 30	15 47.45	−30 40.4	2.340	3.201	11.3	20.3

215893 2005 GS_{42} 5 27.1 107°.42 4°.6/25.4 17

4 21	16 43.82	−12 57.2	1.521	2.373	16.1	20.8
5 1	16 39.01	−12 7.2	1.456	2.380	12.4	20.5
5 11	16 31.64	−11 18.1	1.412	2.386	8.4	20.3
5 21	16 22.52	−10 34.2	1.393	2.392	5.1	20.1
5 31	16 12.79	− 9 59.7	1.398	2.398	5.4	20.2
6 10	16 3.68	− 9 38.4	1.429	2.403	8.9	20.4
6 20	15 56.24	− 9 32.2	1.484	2.409	12.8	20.6
6 30	15 51.22	− 9 41.3	1.559	2.414	16.3	20.9

213824 2003 QD_{63} 5 27.1 259°.15 2°.4/26.3 18

4 21	16 44.72	−16 55.6	1.652	2.498	15.4	20.8
5 1	16 39.92	−16 33.4	1.560	2.482	11.9	20.6
5 11	16 32.45	−16 9.0	1.490	2.466	7.8	20.3
5 21	16 22.94	−15 44.3	1.444	2.449	3.6	20.0
5 31	16 12.46	−15 21.8	1.424	2.432	3.3	19.9
6 10	16 2.28	−15 4.7	1.431	2.415	7.7	20.1
6 20	15 53.59	−14 55.8	1.462	2.397	12.2	20.4
6 30	15 47.29	−14 57.4	1.514	2.379	16.2	20.6

243450 2009 HY_{21} 5 27.1 347°.32 5°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 38.54	− 9 33.5	2.030	2.874	13.0	19.9
5 1	16 34.46	− 8 34.9	1.956	2.872	10.2	19.7
5 11	16 28.52	− 7 38.9	1.905	2.870	7.3	19.5
5 21	16 21.29	− 6 49.5	1.879	2.868	5.3	19.4
5 31	16 13.57	− 6 10.7	1.880	2.867	5.7	19.4
6 10	16 6.24	− 5 45.5	1.907	2.866	8.2	19.6
6 20	16 0.07	− 5 35.4	1.958	2.865	11.1	19.7
6 30	15 55.64	− 5 40.5	2.031	2.864	13.9	19.9

515450 2013 WB_{36} 5 27.1 142°.78 1°.6/26.0 18

4 21	16 34.34	−12 39.3	4.478	5.300	6.8	21.1
5 1	16 30.34	−12 39.8	4.394	5.302	5.2	21.0
5 11	16 25.47	−12 41.6	4.335	5.303	3.4	20.8
5 21	16 20.03	−12 45.3	4.305	5.305	1.9	20.7
5 31	16 14.37	−12 51.6	4.305	5.306	1.9	20.7
6 10	16 8.85	−13 1.1	4.334	5.308	3.4	20.8
6 20	16 3.83	−13 13.9	4.392	5.309	5.2	21.0
6 30	15 59.59	−13 30.5	4.476	5.310	6.8	21.1

356825 2011 UT_{391} 5 27.1 190°.80 2°.9/28.8 18

4 21	16 42.28	−32 10.6	2.502	3.307	12.0	21.2
5 1	16 37.21	−32 7.3	2.414	3.306	9.5	21.0
5 11	16 30.23	−31 53.5	2.349	3.305	6.7	20.9
5 21	16 21.95	−31 28.5	2.311	3.304	4.0	20.7
5 31	16 13.16	−30 52.8	2.300	3.303	3.0	20.6
6 10	16 4.79	−30 8.7	2.317	3.302	5.1	20.7
6 20	15 57.59	−29 19.8	2.362	3.300	8.0	20.9
6 30	15 52.18	−28 30.3	2.431	3.299	10.7	21.1

511367 2014 FW_{45} 5 27.1 265°.98 1°.1/27.5 18

4 21	16 43.49	−23 40.1	2.200	3.027	12.7	21.6
5 1	16 38.44	−24 2.9	2.105	3.016	9.8	21.4
5 11	16 31.23	−24 21.9	2.033	3.004	6.4	21.1
5 21	16 22.41	−24 36.1	1.987	2.993	2.8	20.9
5 31	16 12.83	−24 45.0	1.970	2.981	1.8	20.8
6 10	16 3.49	−24 49.5	1.980	2.969	5.4	21.0
6 20	15 55.30	−24 51.3	2.017	2.957	9.1	21.2
6 30	15 49.02	−24 52.9	2.077	2.945	12.3	21.4

434730 2006 EA_{34} 5 27.1 190°.71 2°.0/27.9 17

4 21	16 45.12	−27 16.8	2.238	3.055	12.8	22.3
5 1	16 39.57	−27 30.1	2.151	3.054	10.0	22.1
5 11	16 31.87	−27 36.2	2.087	3.053	6.7	21.9
5 21	16 22.62	−27 33.9	2.049	3.051	3.4	21.7
5 31	16 12.74	−27 23.3	2.040	3.049	2.3	21.6
6 10	16 3.22	−27 5.8	2.058	3.046	5.4	21.8
6 20	15 54.97	−26 44.5	2.104	3.043	8.8	22.0
6 30	15 48.70	−26 22.8	2.173	3.039	11.9	22.2

269670 1995 SM_{61} 5 27.1 352°.08 3°.2/26.1 17

4 21	16 38.91	−15 55.7	1.386	2.252	16.6	20.6
5 1	16 35.70	−15 26.9	1.314	2.247	12.7	20.3
5 11	16 29.78	−14 57.0	1.262	2.242	8.4	20.0
5 21	16 21.90	−14 29.1	1.233	2.238	4.1	19.8
5 31	16 13.20	−14 6.6	1.229	2.236	4.1	19.8
6 10	16 5.03	−13 53.2	1.248	2.234	8.3	20.0
6 20	15 58.52	−13 51.2	1.290	2.233	12.8	20.3
6 30	15 54.53	−14 1.7	1.352	2.233	16.8	20.5

280934 2006 BU_{45} 5 27.1 27°.80 3°.1/25.9 17

4 21	16 41.31	−15 6.1	1.688	2.539	14.8	20.9
5 1	16 36.97	−14 36.5	1.618	2.542	11.4	20.7
5 11	16 30.30	−14 6.8	1.569	2.545	7.5	20.4
5 21	16 22.03	−13 39.5	1.545	2.548	3.8	20.2
5 31	16 13.15	−13 17.6	1.547	2.552	3.9	20.2
6 10	16 4.78	−13 3.9	1.575	2.556	7.5	20.5
6 20	15 57.88	−13 0.4	1.627	2.560	11.3	20.7
6 30	15 53.15	−13 7.9	1.700	2.564	14.8	20.9

522318 2016 BE_{102} 5 27.1 98°.93 2°.4/26.3 17

4 21	16 45.68	−16 56.4	1.529	2.378	16.2	22.2
5 1	16 40.43	−16 32.3	1.467	2.390	12.4	22.0
5 11	16 32.54	−16 6.6	1.426	2.403	8.0	21.7
5 21	16 22.88	−15 41.6	1.409	2.415	3.6	21.5
5 31	16 12.63	−15 19.9	1.419	2.427	3.4	21.5
6 10	16 3.09	−15 4.6	1.454	2.438	7.6	21.8
6 20	15 55.30	−14 58.0	1.513	2.450	11.8	22.1
6 30	15 50.02	−15 1.5	1.594	2.461	15.4	22.3

393707 2004 TH_{172} 5 27.1 305°.72 3°.5/24.6 17

4 21	16 39.98	−17 3.0	2.108	2.949	12.7	20.0
5 1	16 35.74	−15 30.3	2.000	2.920	9.8	19.8
5 11	16 29.47	−13 49.3	1.917	2.890	6.5	19.5
5 21	16 21.73	−12 4.2	1.861	2.861	3.8	19.3
5 31	16 13.30	−10 20.7	1.833	2.832	4.4	19.3
6 10	16 5.13	− 8 45.3	1.834	2.803	7.7	19.4
6 20	15 58.04	− 7 23.5	1.861	2.774	11.3	19.6
6 30	15 52.75	− 6 18.9	1.911	2.745	14.6	19.7

212916 2007 XM_{50} 5 27.1 184°.22 5°.7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.91	− 3 3.5	2.726	3.541	10.9	21.0
5 1	16 35.00	− 2 14.5	2.650	3.541	8.8	20.9
5 11	16 28.64	− 1 31.6	2.599	3.541	6.9	20.7
5 21	16 21.31	− 0 58.0	2.574	3.540	5.8	20.7
5 31	16 13.61	− 0 36.4	2.577	3.539	6.1	20.7
6 10	16 6.21	− 0 28.5	2.607	3.537	7.7	20.8
6 20	15 59.67	− 0 34.6	2.663	3.535	9.8	20.9
6 30	15 54.49	− 0 54.1	2.741	3.532	11.8	21.0

235380 2003 WL_{62} 5 27.1 243°.02 1°.1/26.6 17

4 21	16 41.62	−20 1.5	2.100	2.937	12.9	20.8
5 1	16 36.92	−19 33.5	2.012	2.930	9.8	20.6
5 11	16 30.17	−19 1.0	1.947	2.922	6.3	20.4
5 21	16 21.97	−18 25.5	1.908	2.914	2.5	20.1
5 31	16 13.18	−17 49.2	1.896	2.906	2.1	20.1
6 10	16 4.75	−17 15.3	1.913	2.898	5.9	20.3
6 20	15 57.52	−16 46.6	1.955	2.890	9.6	20.5
6 30	15 52.16	−16 25.7	2.020	2.881	12.9	20.7

210936 2001 TU_{182} 5 27.1 239°.21 4°.8/29.1 18

4 21	16 44.65	−35 4.0	2.309	3.105	13.2	20.5
5 1	16 39.42	−35 38.0	2.219	3.100	10.7	20.4
5 11	16 31.88	−36 1.1	2.152	3.095	8.0	20.2
5 21	16 22.67	−36 10.6	2.109	3.090	5.6	20.0
5 31	16 12.72	−36 5.0	2.094	3.085	4.8	20.0
6 10	16 3.11	−35 45.4	2.106	3.080	6.4	20.1
6 20	15 54.82	−35 15.2	2.143	3.074	9.1	20.2
6 30	15 48.61	−34 39.0	2.205	3.069	11.8	20.4

136275 2003 YM_{113} 5 27.1 197°.49 4°.4/28.8 18

4 21	16 48.23	−32 36.6	1.868	2.678	15.3	20.3
5 1	16 42.54	−33 3.2	1.783	2.677	12.2	20.1
5 11	16 34.07	−33 18.1	1.720	2.674	8.8	19.9
5 21	16 23.56	−33 18.0	1.680	2.671	5.6	19.7
5 31	16 12.18	−33 1.6	1.668	2.668	4.5	19.6
6 10	16 1.27	−32 31.1	1.682	2.664	7.0	19.8
6 20	15 52.04	−31 50.9	1.722	2.660	10.5	20.0
6 30	15 45.37	−31 7.0	1.784	2.655	13.8	20.2

325111 2008 EQ_{43} 5 27.1 32°.29 0°.4/27.2 17

4 21	16 43.99	−21 33.9	1.321	2.179	17.7	20.1
5 1	16 39.73	−21 50.5	1.259	2.187	13.6	19.9
5 11	16 32.41	−22 2.9	1.216	2.195	8.7	19.6
5 21	16 22.93	−22 10.4	1.197	2.204	3.4	19.3
5 31	16 12.62	−22 13.3	1.202	2.214	2.1	19.3
6 10	16 3.04	−22 13.7	1.231	2.224	7.3	19.6
6 20	15 55.44	−22 14.5	1.284	2.235	12.1	19.9
6 30	15 50.71	−22 18.7	1.357	2.246	16.2	20.2

101988 1999 RG_{64} 5 27.1 247°.34 2°.2/26.0 18

4 21	16 40.05	−14 55.3	2.663	3.493	10.7	20.3
5 1	16 35.32	−14 36.3	2.566	3.479	8.2	20.1
5 11	16 28.98	−14 17.1	2.494	3.465	5.4	19.9
5 21	16 21.50	−13 59.2	2.448	3.451	2.7	19.7
5 31	16 13.50	−13 44.3	2.431	3.436	2.7	19.7
6 10	16 5.72	−13 34.1	2.443	3.421	5.4	19.9
6 20	15 58.81	−13 29.9	2.482	3.405	8.4	20.0
6 30	15 53.33	−13 32.8	2.545	3.389	11.1	20.2

349025 2006 VP_{16} 5 27.1 110°.03 1°.3/27.7 17

4 21	16 42.74	−25 22.5	2.478	3.298	11.7	21.5
5 1	16 37.43	−25 33.1	2.404	3.310	9.0	21.3
5 11	16 30.32	−25 38.2	2.354	3.322	5.9	21.1
5 21	16 21.99	−25 37.3	2.331	3.334	2.7	20.9
5 31	16 13.23	−25 30.8	2.336	3.346	1.7	20.9
6 10	16 4.88	−25 20.0	2.369	3.357	4.7	21.1
6 20	15 57.65	−25 7.2	2.430	3.369	7.8	21.3
6 30	15 52.13	−24 54.9	2.516	3.380	10.5	21.5

62163 2000 SE_{27} 5 27.1 137°.22 0°.5/26.8 18

4 21	16 40.77	−22 3.4	2.533	3.360	11.2	19.4
5 1	16 35.81	−21 28.5	2.455	3.368	8.5	19.3
5 11	16 29.22	−20 48.4	2.401	3.375	5.4	19.1
5 21	16 21.55	−20 4.5	2.375	3.381	2.1	18.9
5 31	16 13.52	−19 19.1	2.377	3.388	1.5	18.8
6 10	16 5.90	−18 34.8	2.408	3.394	4.8	19.1
6 20	15 59.34	−17 54.7	2.467	3.400	7.9	19.3
6 30	15 54.35	−17 21.1	2.550	3.406	10.7	19.5

71419 2000 AH_{191} 5 27.1 227°.56 6°.4/23.7 18

4 21	16 41.01	− 3 38.0	2.343	3.164	12.2	19.7
5 1	16 36.15	− 2 42.8	2.259	3.155	9.9	19.5
5 11	16 29.55	− 1 53.6	2.199	3.144	7.7	19.4
5 21	16 21.73	− 1 14.3	2.164	3.133	6.4	19.2
5 31	16 13.39	− 0 48.7	2.157	3.122	6.9	19.3
6 10	16 5.33	− 0 38.9	2.176	3.110	8.8	19.3
6 20	15 58.27	− 0 45.6	2.220	3.098	11.2	19.5
6 30	15 52.78	− 1 8.1	2.286	3.086	13.6	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471603 2012 SJ_{16}			5 27.1 260°.52		1°.1/27.6 17	
	h m	° ′			°	m
4 21	16 42.32	−25 41.9	1.978	2.810	13.7	21.5
5 1	16 37.64	−25 29.1	1.894	2.807	10.6	21.3
5 11	16 30.71	−25 8.1	1.833	2.805	6.9	21.1
5 21	16 22.21	−24 39.0	1.797	2.802	3.0	20.8
5 31	16 13.10	−24 3.2	1.788	2.800	1.8	20.7
6 10	16 4.42	−23 23.9	1.807	2.797	5.7	21.0
6 20	15 57.11	−22 44.8	1.851	2.794	9.5	21.2
6 30	15 51.88	−22 10.0	1.919	2.792	12.9	21.4
409296 2004 SV_{51}			5 27.1 277°.77		1°.0/27.4 18	
4 21	16 47.98	−22 56.6	1.568	2.408	16.3	21.3
5 1	16 43.08	−23 13.7	1.460	2.378	12.8	21.0
5 11	16 34.94	−23 26.5	1.373	2.347	8.5	20.6
5 21	16 24.13	−23 33.5	1.310	2.316	3.6	20.3
5 31	16 11.75	−23 33.7	1.272	2.284	2.2	20.1
6 10	15 59.35	−23 28.3	1.261	2.251	7.6	20.3
6 20	15 48.46	−23 20.3	1.274	2.218	12.8	20.5
6 30	15 40.36	−23 14.2	1.308	2.184	17.5	20.7
304628 2006 VP_{139}			5 27.1 32°.81		0°.2/27.2 18	
4 21	16 40.38	−24 5.1	2.198	3.030	12.5	20.4
5 1	16 35.85	−23 35.9	2.117	3.031	9.6	20.2
5 11	16 29.41	−22 59.5	2.059	3.032	6.2	20.0
5 21	16 21.67	−22 17.1	2.027	3.034	2.4	19.7
5 31	16 13.46	−21 30.9	2.023	3.035	1.5	19.6
6 10	16 5.68	−20 44.1	2.047	3.037	5.2	19.9
6 20	15 59.10	−20 0.3	2.098	3.038	8.8	20.1
6 30	15 54.32	−19 22.6	2.172	3.040	11.8	20.3
55289 2001 SB_{37}			5 27.1 15°.79		4°.1/28.5 17	
4 21	16 44.46	−31 17.7	2.033	2.848	14.0	19.2
5 1	16 39.44	−31 58.9	1.952	2.849	11.2	19.0
5 11	16 31.98	−32 31.1	1.894	2.850	8.0	18.8
5 21	16 22.75	−32 51.4	1.860	2.851	5.1	18.6
5 31	16 12.74	−32 58.3	1.853	2.852	4.2	18.6
6 10	16 3.14	−32 52.8	1.872	2.854	6.4	18.7
6 20	15 54.96	−32 37.8	1.918	2.855	9.6	18.9
6 30	15 49.01	−32 17.8	1.986	2.857	12.6	19.1
236564 2006 HB_{80}			5 27.1 152°.85		0°.2/27.1 17	
4 21	16 42.77	−21 32.7	2.008	2.844	13.4	21.3
5 1	16 37.86	−21 26.6	1.929	2.846	10.2	21.1
5 11	16 30.80	−21 16.1	1.872	2.847	6.6	20.8
5 21	16 22.24	−21 1.8	1.842	2.849	2.5	20.6
5 31	16 13.09	−20 44.7	1.838	2.850	1.6	20.5
6 10	16 4.37	−20 27.3	1.862	2.851	5.7	20.8
6 20	15 56.96	−20 12.0	1.912	2.852	9.5	21.0
6 30	15 51.55	−20 1.5	1.986	2.853	12.8	21.2
311366 2005 SV_{101}			5 27.1 189°.83		4°.8/29.3 18	
4 21	16 44.08	−35 59.1	2.433	3.224	12.7	20.5
5 1	16 38.85	−36 31.7	2.347	3.223	10.4	20.4
5 11	16 31.46	−36 53.2	2.284	3.223	7.8	20.2
5 21	16 22.51	−37 0.9	2.245	3.223	5.6	20.0
5 31	16 12.91	−36 53.8	2.234	3.222	4.8	20.0
6 10	16 3.68	−36 33.1	2.250	3.222	6.3	20.1
6 20	15 55.72	−36 1.9	2.292	3.221	8.7	20.2
6 30	15 49.75	−35 24.7	2.359	3.221	11.2	20.4
187653 2007 EN_{31}			5 27.1 200°.87		1°.1/26.6 18	
4 21	16 39.90	−18 12.9	2.552	3.384	11.0	20.8
5 1	16 35.23	−18 1.5	2.468	3.383	8.4	20.6
5 11	16 28.92	−17 48.5	2.407	3.381	5.4	20.4
5 21	16 21.48	−17 34.6	2.374	3.380	2.2	20.2
5 31	16 13.58	−17 21.4	2.369	3.378	1.9	20.1
6 10	16 5.99	−17 10.4	2.392	3.377	5.0	20.4
6 20	15 59.36	−17 3.2	2.442	3.375	8.1	20.5
6 30	15 54.24	−17 1.2	2.517	3.373	10.8	20.7
308406 2005 SR_{84}			5 27.2 180°.87		0°.2/27.3 18	
4 21	16 40.70	−22 57.1	2.858	3.679	10.3	22.7
5 1	16 35.69	−22 49.7	2.771	3.680	7.8	22.5
5 11	16 29.14	−22 38.1	2.709	3.680	5.0	22.3
5 21	16 21.55	−22 22.6	2.674	3.680	2.0	22.1
5 31	16 13.55	−22 4.2	2.668	3.680	1.2	22.0
6 10	16 5.84	−21 44.4	2.691	3.679	4.3	22.3
6 20	15 59.04	−21 25.3	2.742	3.678	7.2	22.4
6 30	15 53.66	−21 8.8	2.819	3.676	9.7	22.6
204776 2006 KF_{43}			5 27.2 340°.92		0°.8/26.9 17	
4 21	16 42.11	−19 56.0	1.891	2.733	13.9	20.8
5 1	16 37.50	−19 48.4	1.812	2.732	10.6	20.5
5 11	16 30.64	−19 37.5	1.755	2.731	6.8	20.3
5 21	16 22.21	−19 24.1	1.723	2.730	2.7	20.0
5 31	16 13.13	−19 9.7	1.718	2.730	2.0	20.0
6 10	16 4.48	−18 56.6	1.741	2.729	6.1	20.3
6 20	15 57.18	−18 47.0	1.788	2.729	10.0	20.5
6 30	15 51.94	−18 43.3	1.859	2.728	13.4	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
257596 1999 RT_{45}			5 27.2 235°.78		2°.0/26.0 18	
	h m	° ′			°	m
4 21	16 39.51	−15 59.1	2.631	3.462	10.7	21.6
5 1	16 34.91	−15 31.6	2.539	3.453	8.2	21.4
5 11	16 28.71	−15 3.0	2.472	3.444	5.4	21.2
5 21	16 21.40	−14 34.8	2.432	3.435	2.6	21.0
5 31	16 13.64	−14 9.0	2.420	3.425	2.6	21.0
6 10	16 6.13	−13 47.8	2.437	3.415	5.4	21.1
6 20	15 59.52	−13 32.8	2.481	3.405	8.3	21.3
6 30	15 54.36	−13 25.5	2.549	3.395	11.0	21.5
436879 2012 TC_{25}			5 27.2 250°.53		4°.1/24.8 18	
4 21	16 40.95	−12 38.3	2.119	2.957	12.7	21.7
5 1	16 36.35	−11 37.0	2.029	2.945	9.9	21.5
5 11	16 29.80	−10 34.7	1.964	2.933	6.8	21.3
5 21	16 21.87	− 9 35.2	1.924	2.920	4.4	21.1
5 31	16 13.36	− 8 42.5	1.913	2.907	4.8	21.1
6 10	16 5.16	− 8 0.5	1.928	2.894	7.6	21.3
6 20	15 58.09	− 7 31.8	1.969	2.880	10.8	21.4
6 30	15 52.78	− 7 17.6	2.032	2.866	13.8	21.6
394746 2008 FD_{36}			5 27.2 312°.71		4°.4/28.9 16	
4 21	16 43.28	−33 26.8	2.203	3.010	13.4	21.4
5 1	16 38.47	−34 2.1	2.115	3.004	10.8	21.2
5 11	16 31.34	−34 27.3	2.048	2.998	7.9	21.0
5 21	16 22.52	−34 39.7	2.007	2.993	5.3	20.8
5 31	16 12.94	−34 38.1	1.992	2.987	4.5	20.8
6 10	16 3.68	−34 23.5	2.004	2.982	6.4	20.9
6 20	15 55.75	−33 59.0	2.042	2.977	9.2	21.0
6 30	15 49.90	−33 28.9	2.103	2.972	12.1	21.2
270423 2002 CG_{61}			5 27.2 187°.53		1°.9/26.5 18	
4 21	16 44.74	−15 53.3	2.216	3.045	12.5	21.5
5 1	16 39.13	−15 49.1	2.132	3.045	9.6	21.3
5 11	16 31.54	−15 45.0	2.071	3.044	6.2	21.1
5 21	16 22.54	−15 42.0	2.038	3.042	2.8	20.9
5 31	16 12.95	−15 41.2	2.033	3.040	2.6	20.8
6 10	16 3.71	−15 44.0	2.056	3.038	5.9	21.0
6 20	15 55.64	−15 51.6	2.106	3.035	9.4	21.2
6 30	15 49.39	−16 5.1	2.180	3.031	12.4	21.4
1556 Wingolfia			5 27.2 254°.17		2°.9/25.9 18	
4 21	16 39.85	−11 1.4	2.763	3.590	10.4	16.2
5 1	16 35.08	−10 56.8	2.672	3.581	8.1	16.0
5 11	16 28.80	−10 55.1	2.606	3.573	5.5	15.8
5 21	16 21.45	−10 57.8	2.566	3.564	3.3	15.7
5 31	16 13.63	−11 5.9	2.556	3.554	3.3	15.7
6 10	16 6.03	−11 20.4	2.574	3.545	5.6	15.8
6 20	15 59.25	−11 41.5	2.619	3.536	8.2	16.0
6 30	15 53.83	−12 9.3	2.688	3.527	10.7	16.1
305565 2008 WH_{42}			5 27.2 281°.80		1°.5/27.5 17	
4 21	16 47.16	−23 0.4	1.346	2.197	17.9	20.8
5 1	16 42.49	−23 31.9	1.268	2.191	13.9	20.5
5 11	16 34.48	−23 59.5	1.209	2.185	9.2	20.2
5 21	16 23.88	−24 20.8	1.174	2.180	3.9	19.9
5 31	16 12.07	−24 34.5	1.163	2.174	2.5	19.8
6 10	16 0.72	−24 41.5	1.177	2.169	7.7	20.1
6 20	15 51.35	−24 44.7	1.214	2.163	12.8	20.4
6 30	15 45.08	−24 48.5	1.271	2.158	17.3	20.6
179293 2001 VY_{54}			5 27.2 183°.29		3°.6/28.7 16	
4 21	16 44.47	−32 23.6	2.498	3.298	12.2	21.1
5 1	16 39.02	−32 52.2	2.411	3.298	9.7	20.9
5 11	16 31.51	−33 11.7	2.347	3.298	7.0	20.8
5 21	16 22.55	−33 20.4	2.309	3.298	4.5	20.6
5 31	16 12.97	−33 17.2	2.299	3.297	3.7	20.5
6 10	16 3.72	−33 3.3	2.317	3.296	5.6	20.7
6 20	15 55.65	−32 41.4	2.362	3.295	8.3	20.8
6 30	15 49.45	−32 15.3	2.431	3.294	10.9	21.0
498055 2007 RH_{51}			5 27.2 242°.09		3°.6/28.5 17	
4 21	16 48.63	−30 49.4	1.810	2.626	15.5	22.0
5 1	16 43.07	−31 1.6	1.711	2.610	12.3	21.8
5 11	16 34.59	−31 2.2	1.633	2.594	8.7	21.5
5 21	16 23.89	−30 48.4	1.580	2.577	5.0	21.3
5 31	16 12.10	−30 19.3	1.553	2.559	3.8	21.1
6 10	16 0.64	−29 37.3	1.554	2.540	6.9	21.3
6 20	15 50.81	−28 47.4	1.580	2.521	11.0	21.5
6 30	15 43.60	−27 56.1	1.628	2.501	14.9	21.7
478288 2011 WH_{11}			5 27.2 327°.58		0°.1/27.2 16	
4 21	16 42.02	−20 31.0	2.100	2.936	12.9	21.1
5 1	16 37.33	−20 50.0	2.015	2.931	9.9	20.9
5 11	16 30.52	−21 7.1	1.952	2.926	6.4	20.7
5 21	16 22.20	−21 22.0	1.915	2.922	2.5	20.4
5 31	16 13.19	−21 34.7	1.906	2.918	1.5	20.3
6 10	16 4.49	−21 45.9	1.924	2.914	5.5	20.6
6 20	15 56.97	−21 57.1	1.969	2.910	9.2	20.8
6 30	15 51.36	−22 9.9	2.037	2.906	12.4	21.0

474309 2002 AB_{26} 5 27.2 87°.52 5°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.12	−39 40.7	2.366	3.143	13.4	20.8
5 1	16 39.55	−39 45.9	2.292	3.156	11.1	20.7
5 11	16 31.79	−39 35.8	2.240	3.169	8.5	20.5
5 21	16 22.61	−39 8.4	2.213	3.182	6.3	20.4
5 31	16 13.00	−38 23.9	2.212	3.195	5.3	20.4
6 10	16 4.01	−37 25.2	2.238	3.208	6.4	20.5
6 20	15 56.50	−36 17.1	2.291	3.220	8.7	20.6
6 30	15 51.11	−35 5.3	2.368	3.233	11.1	20.8

50228 2000 AD_{242} 5 27.2 103°.92 3°.4/25.6 18

4 21	16 44.26	−15 50.4	1.693	2.539	15.1	18.7
5 1	16 39.05	−14 51.7	1.631	2.553	11.5	18.5
5 11	16 31.54	−13 50.9	1.592	2.566	7.5	18.3
5 21	16 22.53	−12 51.9	1.578	2.580	4.0	18.1
5 31	16 13.06	−11 59.2	1.590	2.593	4.3	18.2
6 10	16 4.26	−11 17.0	1.629	2.605	7.7	18.4
6 20	15 57.04	−10 48.0	1.693	2.618	11.5	18.6
6 30	15 52.03	−10 33.6	1.778	2.630	14.7	18.9

410229 2007 TO_2 5 27.2 198°.03 2°.8/26.0 17

4 21	16 45.65	−16 19.3	1.833	2.671	14.4	22.6
5 1	16 40.20	−15 40.9	1.751	2.668	11.1	22.3
5 11	16 32.40	−15 0.2	1.691	2.665	7.2	22.1
5 21	16 22.92	−14 19.6	1.657	2.661	3.6	21.9
5 31	16 12.77	−13 42.4	1.651	2.656	3.6	21.9
6 10	16 3.07	−13 12.0	1.672	2.651	7.3	22.1
6 20	15 54.80	−12 51.4	1.718	2.645	11.2	22.3
6 30	15 48.71	−12 42.3	1.786	2.638	14.7	22.5

378262 2007 DH_{101} 5 27.2 277°.07 0°.7/26.9 17

4 21	16 43.27	−20 46.1	1.761	2.604	14.7	21.2
5 1	16 38.77	−20 33.1	1.665	2.586	11.3	21.0
5 11	16 31.72	−20 15.3	1.592	2.568	7.3	20.7
5 21	16 22.74	−19 53.3	1.543	2.550	2.9	20.4
5 31	16 12.84	−19 28.8	1.521	2.532	2.1	20.3
6 10	16 3.22	−19 4.7	1.525	2.514	6.7	20.5
6 20	15 55.00	−18 44.4	1.554	2.496	11.1	20.7
6 30	15 49.05	−18 31.1	1.605	2.477	15.1	20.9

503370 2016 CL_{24} 5 27.2 45°.35 8°.5/29.6 17

4 21	16 49.18	−36 56.5	1.252	2.078	20.4	20.9
5 1	16 44.62	−38 5.8	1.191	2.086	16.9	20.7
5 11	16 36.07	−38 57.0	1.148	2.095	13.0	20.5
5 21	16 24.53	−39 22.8	1.125	2.103	9.7	20.3
5 31	16 11.78	−39 18.9	1.125	2.112	8.5	20.3
6 10	15 59.95	−38 47.6	1.147	2.122	10.4	20.4
6 20	15 50.77	−37 56.8	1.191	2.131	13.9	20.6
6 30	15 45.36	−36 56.7	1.255	2.142	17.4	20.9

350655 2001 TH_{235} 5 27.2 208°.17 1°.2/26.7 17

4 21	16 42.38	−17 6.4	2.494	3.322	11.4	21.3
5 1	16 37.20	−17 9.2	2.406	3.319	8.7	21.1
5 11	16 30.25	−17 11.6	2.342	3.314	5.6	20.9
5 21	16 22.06	−17 14.2	2.304	3.310	2.4	20.7
5 31	16 13.32	−17 17.8	2.296	3.305	2.0	20.6
6 10	16 4.86	−17 23.3	2.316	3.300	5.2	20.8
6 20	15 57.39	−17 32.0	2.364	3.295	8.4	21.0
6 30	15 51.51	−17 44.8	2.436	3.289	11.2	21.2

106020 2000 SS_{294} 5 27.2 223°.53 7°.9/30.2 18

4 21	16 50.37	−45 42.3	2.663	3.397	13.1	20.1
5 1	16 44.08	−46 53.8	2.572	3.390	11.4	20.0
5 11	16 35.12	−47 51.7	2.502	3.384	9.7	19.9
5 21	16 24.09	−48 31.2	2.457	3.377	8.4	19.8
5 31	16 12.02	−48 48.7	2.437	3.371	7.9	19.7
6 10	16 0.16	−48 44.0	2.443	3.363	8.6	19.8
6 20	15 49.71	−48 19.8	2.473	3.356	10.0	19.8
6 30	15 41.60	−47 41.5	2.527	3.348	11.8	20.0

469907 2005 XO_{11} 5 27.2 281°.09 3°.2/26.2 18

4 21	16 43.51	−13 30.9	1.727	2.572	14.8	21.1
5 1	16 38.89	−13 22.2	1.638	2.558	11.5	20.8
5 11	16 31.76	−13 15.8	1.570	2.544	7.7	20.6
5 21	16 22.76	−13 13.6	1.527	2.530	4.0	20.3
5 31	16 12.87	−13 17.5	1.511	2.516	3.9	20.3
6 10	16 3.26	−13 29.2	1.520	2.501	7.7	20.4
6 20	15 55.02	−13 49.8	1.554	2.487	11.8	20.7
6 30	15 49.00	−14 19.6	1.610	2.473	15.5	20.9

255268 2005 VH_{49} 5 27.2 295°.03 2°.8/27.8 18

4 21	16 46.58	−26 46.3	2.248	3.063	12.9	20.4
5 1	16 41.19	−27 37.0	2.129	3.030	10.2	20.2
5 11	16 33.33	−28 24.8	2.033	2.996	7.1	19.9
5 21	16 23.45	−29 6.7	1.964	2.962	3.9	19.7
5 31	16 12.37	−29 40.4	1.922	2.928	3.1	19.6
6 10	16 1.20	−30 5.0	1.910	2.894	6.1	19.7
6 20	15 51.02	−30 21.3	1.924	2.859	9.7	19.8
6 30	15 42.83	−30 32.2	1.962	2.824	13.2	20.0

105901 2000 SG_{192} 5 27.2 344°.61 2°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 32.41	−10 24.9	4.300	5.126	7.0	19.6
5 1	16 28.97	− 9 49.9	4.218	5.125	5.4	19.5
5 11	16 24.67	− 9 16.3	4.162	5.125	3.8	19.4
5 21	16 19.83	− 8 45.5	4.134	5.124	2.6	19.3
5 31	16 14.77	− 8 19.0	4.135	5.124	2.8	19.3
6 10	16 9.89	− 7 58.0	4.165	5.123	4.2	19.4
6 20	16 5.50	− 7 43.4	4.222	5.123	5.8	19.5
6 30	16 1.90	− 7 35.5	4.304	5.122	7.4	19.7

218886 2007 CR_{21} 5 27.2 114°.49 4°.9/25.2 17

4 21	16 42.84	−10 55.2	1.760	2.604	14.6	20.7
5 1	16 37.98	−10 6.2	1.693	2.611	11.4	20.5
5 11	16 30.91	− 9 19.8	1.649	2.617	7.9	20.3
5 21	16 22.34	− 8 39.9	1.630	2.624	5.2	20.2
5 31	16 13.25	− 8 10.5	1.636	2.630	5.5	20.2
6 10	16 4.69	− 7 54.3	1.669	2.637	8.4	20.4
6 20	15 57.56	− 7 52.7	1.726	2.643	11.8	20.6
6 30	15 52.52	− 8 5.5	1.805	2.649	14.9	20.8

320728 2008 EW_3 5 27.2 177°.19 2°.2/26.3 18

4 21	16 41.12	−14 33.3	2.406	3.238	11.6	20.6
5 1	16 36.24	−14 26.2	2.324	3.239	8.9	20.4
5 11	16 29.63	−14 20.0	2.267	3.239	5.8	20.2
5 21	16 21.83	−14 15.9	2.236	3.239	2.9	20.0
5 31	16 13.54	−14 15.3	2.234	3.239	2.8	20.0
6 10	16 5.57	−14 19.4	2.260	3.239	5.6	20.2
6 20	15 58.62	−14 29.0	2.312	3.239	8.7	20.4
6 30	15 53.26	−14 44.9	2.388	3.239	11.5	20.5

129144 2005 BP_{25} 5 27.2 277°.94 6°.2/21.0 18

4 21	16 32.95	+11 9.5	4.391	5.148	8.0	19.5
5 1	16 29.36	+11 47.4	4.322	5.142	7.1	19.5
5 11	16 24.93	+12 16.2	4.276	5.136	6.5	19.4
5 21	16 19.93	+12 33.8	4.255	5.130	6.2	19.4
5 31	16 14.73	+12 38.6	4.259	5.124	6.5	19.4
6 10	16 9.68	+12 30.1	4.287	5.118	7.1	19.4
6 20	16 5.12	+12 8.5	4.338	5.112	8.0	19.5
6 30	16 1.34	+11 34.9	4.411	5.106	9.0	19.6

98989 2001 DE_{31} 5 27.2 109°.17 3°.1/28.6 18

4 21	16 46.96	−30 39.6	2.183	2.990	13.4	20.2
5 1	16 40.92	−30 57.2	2.115	3.009	10.6	20.0
5 11	16 32.70	−31 5.0	2.070	3.027	7.3	19.8
5 21	16 23.01	−31 1.5	2.050	3.045	4.3	19.7
5 31	16 12.84	−30 46.5	2.059	3.063	3.3	19.6
6 10	16 3.25	−30 22.2	2.096	3.080	5.6	19.8
6 20	15 55.11	−29 52.0	2.159	3.096	8.7	20.0
6 30	15 49.08	−29 20.4	2.246	3.112	11.6	20.2

423921 2006 SU_{361} 5 27.2 209°.13 2°.4/27.9 17

4 21	16 48.53	−27 27.3	2.170	2.982	13.4	22.3
5 1	16 42.41	−27 52.5	2.076	2.976	10.5	22.1
5 11	16 33.88	−28 10.9	2.005	2.968	7.1	21.9
5 21	16 23.57	−28 20.6	1.960	2.960	3.7	21.7
5 31	16 12.43	−28 20.6	1.943	2.951	2.7	21.6
6 10	16 1.59	−28 12.0	1.955	2.941	5.8	21.8
6 20	15 52.06	−27 57.5	1.994	2.930	9.4	22.0
6 30	15 44.68	−27 41.0	2.057	2.919	12.6	22.1

483161 2015 PL_{22} 5 27.2 302°.20 3°.5/25.9 16

4 21	16 40.70	−11 20.2	2.117	2.955	12.7	21.2
5 1	16 36.34	−11 10.4	2.018	2.933	9.9	21.0
5 11	16 29.95	−11 4.0	1.941	2.911	6.8	20.8
5 21	16 22.04	−11 3.1	1.891	2.889	4.1	20.6
5 31	16 13.38	−11 9.3	1.867	2.867	4.1	20.5
6 10	16 4.89	−11 24.2	1.870	2.846	7.0	20.6
6 20	15 57.43	−11 48.3	1.899	2.824	10.4	20.8
6 30	15 51.73	−12 21.7	1.951	2.803	13.6	21.0

193418 2000 WY_{69} 5 27.2 229°.11 1°.5/28.0 18

4 21	16 44.96	−28 32.3	2.230	3.045	13.0	20.5
5 1	16 39.50	−28 3.9	2.132	3.034	10.1	20.3
5 11	16 31.88	−27 24.4	2.057	3.023	6.8	20.1
5 21	16 22.74	−26 33.9	2.008	3.011	3.2	19.8
5 31	16 12.98	−25 34.1	1.988	2.998	1.9	19.7
6 10	16 3.62	−24 28.7	1.996	2.985	5.4	19.9
6 20	15 55.54	−23 22.5	2.032	2.971	9.0	20.1
6 30	15 49.45	−22 20.3	2.092	2.957	12.3	20.3

215358 2001 XR_{169} 5 27.2 235°.13 3°.3/25.7 18

4 21	16 41.03	−10 43.8	2.610	3.436	10.9	20.8
5 1	16 36.10	−10 26.3	2.517	3.425	8.5	20.7
5 11	16 29.53	−10 11.4	2.448	3.414	5.9	20.5
5 21	16 21.80	−10 1.0	2.407	3.402	3.7	20.3
5 31	16 13.57	− 9 56.7	2.393	3.390	3.8	20.3
6 10	16 5.55	−10 0.1	2.409	3.377	6.1	20.4
6 20	15 58.42	−10 11.8	2.451	3.364	8.9	20.6
6 30	15 52.74	−10 32.0	2.517	3.351	11.5	20.7

509274 2006 UW_{252} 5 27.2 175°.72 2°.0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.19	−16 43.6	2.594	3.424	10.9	22.9
5 1	16 35.38	−16 3.7	2.512	3.426	8.3	22.7
5 11	16 29.00	−15 21.9	2.455	3.427	5.4	22.6
5 21	16 21.56	−14 39.9	2.425	3.428	2.6	22.4
5 31	16 13.74	−14 0.5	2.424	3.429	2.7	22.4
6 10	16 6.26	−13 26.0	2.451	3.429	5.4	22.6
6 20	15 59.74	−12 58.6	2.506	3.429	8.3	22.7
6 30	15 54.70	−12 39.8	2.585	3.428	10.9	22.9

62624 2000 SX_{350} 5 27.2 197°.98 6°.5/24.7 18

4 21	16 43.57	− 2 46.9	2.189	3.007	13.1	19.7
5 1	16 38.19	− 2 13.2	2.111	3.004	10.6	19.5
5 11	16 30.93	− 1 48.0	2.056	3.001	8.2	19.3
5 21	16 22.35	− 1 34.6	2.027	2.998	6.6	19.2
5 31	16 13.24	− 1 36.0	2.024	2.994	6.9	19.2
6 10	16 4.48	− 1 53.3	2.049	2.989	8.9	19.3
6 20	15 56.83	− 2 26.1	2.098	2.984	11.4	19.5
6 30	15 50.92	− 3 12.8	2.169	2.979	13.9	19.6

239376 2007 RW_{289} 5 27.2 251°.26 1°.6/26.5 18

4 21	16 41.22	−18 10.3	2.105	2.944	12.8	21.0
5 1	16 36.62	−17 48.8	2.021	2.939	9.8	20.8
5 11	16 30.03	−17 24.8	1.959	2.935	6.3	20.6
5 21	16 22.03	−16 59.8	1.924	2.930	2.7	20.3
5 31	16 13.45	−16 35.8	1.916	2.925	2.4	20.3
6 10	16 5.24	−16 15.3	1.936	2.921	6.0	20.5
6 20	15 58.20	−16 0.5	1.982	2.916	9.5	20.7
6 30	15 52.99	−15 53.4	2.050	2.911	12.7	20.9

131202 2001 DS_{28} 5 27.2 35°.07 2°.1/27.9 18

4 21	16 43.85	−26 2.3	1.733	2.569	15.2	19.6
5 1	16 39.16	−26 23.6	1.659	2.574	11.8	19.4
5 11	16 31.90	−26 37.9	1.608	2.579	7.8	19.1
5 21	16 22.80	−26 43.5	1.580	2.584	3.8	18.9
5 31	16 12.98	−26 40.3	1.579	2.589	2.5	18.8
6 10	16 3.68	−26 30.2	1.604	2.595	6.3	19.1
6 20	15 55.96	−26 16.2	1.654	2.601	10.3	19.3
6 30	15 50.63	−26 2.3	1.727	2.607	13.8	19.6

360019 2013 AE_{14} 5 27.2 270°.19 2°.7/28.4 18

4 21	16 44.75	−29 54.0	2.427	3.234	12.3	21.4
5 1	16 39.47	−30 2.1	2.311	3.206	9.7	21.2
5 11	16 32.01	−30 1.5	2.218	3.178	6.8	20.9
5 21	16 22.87	−29 50.8	2.151	3.148	3.8	20.7
5 31	16 12.89	−29 29.3	2.112	3.118	2.8	20.6
6 10	16 3.05	−28 58.8	2.102	3.088	5.5	20.7
6 20	15 54.27	−28 22.1	2.119	3.056	8.8	20.9
6 30	15 47.36	−27 43.6	2.160	3.025	12.0	21.0

167642 2004 DK_{10} 5 27.2 169°.24 4°.0/25.1 18

4 21	16 40.60	−10 44.6	2.331	3.165	11.9	20.6
5 1	16 35.83	−10 1.5	2.255	3.167	9.2	20.4
5 11	16 29.35	− 9 20.5	2.203	3.169	6.4	20.2
5 21	16 21.72	− 8 44.3	2.177	3.170	4.3	20.1
5 31	16 13.67	− 8 16.0	2.179	3.172	4.5	20.1
6 10	16 5.98	− 7 57.7	2.209	3.173	6.9	20.2
6 20	15 59.33	− 7 50.8	2.264	3.173	9.7	20.4
6 30	15 54.27	− 7 55.5	2.343	3.174	12.3	20.6

494487 2016 WY_{35} 5 27.2 311°.33 1°.3/27.9 18

4 21	16 39.93	−27 3.0	2.011	2.844	13.5	20.9
5 1	16 36.01	−26 42.7	1.910	2.823	10.5	20.6
5 11	16 29.85	−26 12.4	1.830	2.802	7.0	20.4
5 21	16 22.03	−25 31.9	1.776	2.781	3.2	20.1
5 31	16 13.45	−24 42.9	1.749	2.760	1.9	19.9
6 10	16 5.16	−23 48.9	1.748	2.739	5.7	20.2
6 20	15 58.12	−22 54.3	1.773	2.719	9.7	20.4
6 30	15 53.11	−22 3.8	1.822	2.700	13.3	20.5

41381 2000 AG_{117} 5 27.2 301°.60 6°.6/24.3 18

4 21	16 40.59	− 7 4.3	1.768	2.611	14.6	18.0
5 1	16 36.68	− 6 11.1	1.668	2.581	11.8	17.8
5 11	16 30.40	− 5 21.8	1.589	2.551	8.8	17.5
5 21	16 22.30	− 4 41.4	1.535	2.520	6.8	17.3
5 31	16 13.24	− 4 14.8	1.506	2.489	7.3	17.3
6 10	16 4.33	− 4 5.9	1.502	2.459	10.1	17.4
6 20	15 56.58	− 4 16.4	1.521	2.429	13.7	17.5
6 30	15 50.90	− 4 45.9	1.560	2.398	17.1	17.7

278742 2008 ST_{94} 5 27.2 278°.72 4°.2/24.9 17

4 21	16 41.24	−13 59.9	1.871	2.716	13.9	20.7
5 1	16 36.95	−12 54.8	1.777	2.697	10.8	20.5
5 11	16 30.42	−11 46.8	1.705	2.677	7.4	20.2
5 21	16 22.25	−10 39.8	1.659	2.658	4.5	20.0
5 31	16 13.33	− 9 38.8	1.640	2.638	5.0	20.0
6 10	16 4.70	− 8 48.6	1.647	2.618	8.3	20.1
6 20	15 57.30	− 8 12.8	1.679	2.597	12.0	20.3
6 30	15 51.91	− 7 53.3	1.733	2.577	15.4	20.5

495964 2007 RT_{44} 5 27.2 261°.99 1°.7/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.03	−26 29.2	1.663	2.496	15.9	22.5
5 1	16 42.04	−26 26.1	1.563	2.475	12.5	22.2
5 11	16 34.08	−26 13.2	1.483	2.454	8.4	21.9
5 21	16 23.80	−25 49.2	1.427	2.431	3.8	21.6
5 31	16 12.33	−25 14.3	1.397	2.408	2.4	21.4
6 10	16 1.13	−24 31.6	1.394	2.385	7.0	21.6
6 20	15 51.52	−23 46.3	1.416	2.361	11.8	21.8
6 30	15 44.56	−23 4.2	1.460	2.336	16.0	22.0

99943 2005 AS_{2} 5 27.2 30°.22 2°.9/25.2 18

4 21	16 33.55	− 8 10.2	3.964	4.787	7.6	18.5
5 1	16 29.89	− 7 54.3	3.888	4.792	5.9	18.4
5 11	16 25.30	− 7 41.4	3.837	4.797	4.2	18.3
5 21	16 20.11	− 7 32.8	3.814	4.802	3.0	18.2
5 31	16 14.70	− 7 29.5	3.820	4.807	3.1	18.2
6 10	16 9.47	− 7 32.4	3.854	4.812	4.5	18.3
6 20	16 4.78	− 7 41.7	3.916	4.817	6.2	18.5
6 30	16 0.96	− 7 57.5	4.002	4.822	7.8	18.6

171821 2001 FW_{14} 5 27.2 41°.30 0°.6/27.4 17

4 21	16 43.96	−23 31.4	1.317	2.174	17.9	20.7
5 1	16 39.72	−23 26.4	1.256	2.183	13.7	20.5
5 11	16 32.44	−23 13.7	1.215	2.193	8.8	20.2
5 21	16 23.04	−22 53.3	1.197	2.204	3.6	19.9
5 31	16 12.91	−22 27.2	1.202	2.215	2.1	19.9
6 10	16 3.56	−21 59.1	1.233	2.226	7.3	20.2
6 20	15 56.24	−21 33.6	1.286	2.238	12.1	20.5
6 30	15 51.76	−21 14.7	1.360	2.250	16.2	20.8

199235 2006 AU_{72} 5 27.2 315°.29 6°.4/24.9 17

4 21	16 39.85	− 8 32.6	1.521	2.377	15.9	19.9
5 1	16 36.38	− 7 47.8	1.435	2.357	12.7	19.6
5 11	16 30.31	− 7 7.6	1.369	2.337	9.3	19.3
5 21	16 22.28	− 6 36.9	1.326	2.317	6.7	19.1
5 31	16 13.30	− 6 20.6	1.307	2.298	7.1	19.1
6 10	16 4.60	− 6 22.1	1.312	2.280	10.2	19.2
6 20	15 57.32	− 6 42.4	1.340	2.262	14.1	19.4
6 30	15 52.37	− 7 20.9	1.387	2.244	17.8	19.6

3101 Goldberger 5 27.2 239°.86 22°.8/12.4 18 R

4 21	16 45.09	+24 42.4	1.293	2.041	23.8	17.2
5 1	16 40.65	+27 23.1	1.260	2.037	23.1	17.1
5 11	16 33.09	+29 26.2	1.241	2.033	22.8	17.1
5 21	16 23.32	+30 40.0	1.236	2.028	23.0	17.1
5 31	16 12.73	+30 56.6	1.245	2.023	23.6	17.1
6 10	16 2.86	+30 15.7	1.266	2.018	24.6	17.2
6 20	15 55.00	+28 42.7	1.298	2.013	25.8	17.3
6 30	15 50.02	+26 27.0	1.341	2.008	27.0	17.4

156333 2001 XN_{125} 5 27.2 82°.73 0°.6/26.9 17

4 21	16 44.20	−22 16.4	1.714	2.556	15.1	20.5
5 1	16 39.11	−21 42.1	1.651	2.571	11.5	20.3
5 11	16 31.66	−21 1.0	1.610	2.586	7.3	20.1
5 21	16 22.65	−20 14.8	1.593	2.601	2.8	19.9
5 31	16 13.18	−19 26.7	1.604	2.615	2.0	19.8
6 10	16 4.40	−18 40.9	1.641	2.630	6.4	20.2
6 20	15 57.23	−18 1.4	1.704	2.645	10.4	20.4
6 30	15 52.34	−17 31.2	1.789	2.659	13.9	20.7

180109 2003 FT_{26} 5 27.2 64°.15 1°.0/26.8 17

4 21	16 41.02	−19 33.5	2.105	2.943	12.8	20.4
5 1	16 36.35	−19 17.3	2.036	2.955	9.7	20.2
5 11	16 29.77	−18 58.2	1.991	2.966	6.2	20.0
5 21	16 21.91	−18 37.2	1.971	2.978	2.5	19.8
5 31	16 13.62	−18 16.2	1.979	2.989	1.9	19.8
6 10	16 5.80	−17 57.6	2.014	3.001	5.6	20.1
6 20	15 59.21	−17 43.3	2.076	3.013	9.0	20.3
6 30	15 54.44	−17 35.3	2.161	3.025	12.0	20.5

432290 2009 SN_{253} 5 27.2 142°.12 2°.7/25.9 17

4 21	16 43.75	−15 36.4	2.142	2.975	12.8	22.5
5 1	16 38.31	−14 56.8	2.071	2.986	9.7	22.3
5 11	16 30.97	−14 16.0	2.023	2.995	6.4	22.1
5 21	16 22.37	−13 36.5	2.002	3.005	3.3	21.9
5 31	16 13.34	−13 1.0	2.010	3.014	3.3	21.9
6 10	16 4.80	−12 32.4	2.045	3.022	6.4	22.1
6 20	15 57.50	−12 12.8	2.107	3.029	9.7	22.4
6 30	15 52.03	−12 3.5	2.192	3.037	12.6	22.6

427583 2003 QK_{103} 5 27.2 267°.70 7°.0/24.4 17

4 21	16 45.01	− 6 18.3	1.750	2.585	15.1	21.7
5 1	16 40.09	− 5 25.0	1.652	2.559	12.2	21.5
5 11	16 32.63	− 4 36.3	1.575	2.532	9.2	21.2
5 21	16 23.20	− 3 57.3	1.522	2.504	7.1	21.0
5 31	16 12.75	− 3 33.2	1.495	2.476	7.6	21.0
6 10	16 2.44	− 3 27.6	1.494	2.447	10.5	21.1
6 20	15 53.39	− 3 42.0	1.516	2.417	14.1	21.2
6 30	15 46.53	− 4 15.7	1.558	2.387	17.6	21.4

504722 2009 UR_{52} 5 27.2 239°.97 2°.8/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.47	−16 59.9	1.820	2.664	14.2	22.3
5 1	16 37.85	−16 9.0	1.737	2.659	10.9	22.1
5 11	16 30.94	−15 14.3	1.677	2.653	7.1	21.9
5 21	16 22.44	−14 18.9	1.643	2.647	3.6	21.6
5 31	16 13.29	−13 26.8	1.635	2.640	3.7	21.6
6 10	16 4.57	−12 42.2	1.654	2.634	7.3	21.8
6 20	15 57.22	−12 8.6	1.698	2.627	11.2	22.0
6 30	15 51.97	−11 48.2	1.764	2.620	14.7	22.2

333913 1999 TR_{83} 5 27.2 206°.22 1°.4/27.8 18

4 21	16 44.46	−26 1.9	2.325	3.144	12.4	22.6
5 1	16 39.06	−26 5.5	2.234	3.139	9.6	22.4
5 11	16 31.60	−26 2.6	2.167	3.134	6.4	22.1
5 21	16 22.68	−25 52.4	2.125	3.129	2.9	21.9
5 31	16 13.15	−25 35.4	2.112	3.123	1.9	21.8
6 10	16 3.94	−25 13.4	2.128	3.116	5.2	22.0
6 20	15 55.91	−24 49.1	2.170	3.109	8.6	22.2
6 30	15 49.74	−24 26.0	2.237	3.102	11.7	22.4

513555 2010 OK_{79} 5 27.2 268°.55 1°.0/26.9 18

4 21	16 45.52	−16 10.3	2.599	3.419	11.2	21.4
5 1	16 39.73	−16 40.6	2.491	3.399	8.6	21.2
5 11	16 32.03	−17 13.0	2.408	3.379	5.6	21.0
5 21	16 22.89	−17 47.2	2.352	3.358	2.3	20.7
5 31	16 12.99	−18 22.6	2.327	3.337	1.7	20.7
6 10	16 3.17	−18 59.0	2.331	3.316	5.1	20.9
6 20	15 54.22	−19 36.5	2.364	3.294	8.4	21.0
6 30	15 46.83	−20 15.4	2.423	3.273	11.4	21.2

311214 2005 AS_{6} 5 27.2 66°.98 2°.7/26.7 18

4 21	16 48.84	−14 20.6	1.339	2.190	17.9	20.5
5 1	16 43.06	−14 30.6	1.290	2.214	13.7	20.3
5 11	16 34.36	−14 43.9	1.261	2.237	8.9	20.1
5 21	16 23.75	−15 1.0	1.256	2.261	4.1	19.8
5 31	16 12.58	−15 22.4	1.276	2.285	3.6	19.9
6 10	16 2.32	−15 48.8	1.322	2.308	7.9	20.2
6 20	15 54.11	−16 20.4	1.391	2.332	12.3	20.5
6 30	15 48.71	−16 57.5	1.482	2.355	16.0	20.8

245096 2004 PF_{27} 5 27.2 256°.25 2°.8/25.9 18

4 21	16 40.44	−12 35.1	2.475	3.307	11.3	20.1
5 1	16 35.76	−12 23.1	2.386	3.298	8.7	19.9
5 11	16 29.38	−12 13.1	2.320	3.289	5.9	19.7
5 21	16 21.80	−12 6.5	2.281	3.280	3.3	19.5
5 31	16 13.70	−12 5.0	2.270	3.271	3.3	19.5
6 10	16 5.85	−12 9.8	2.287	3.262	5.9	19.6
6 20	15 58.93	−12 21.8	2.330	3.252	8.9	19.8
6 30	15 53.53	−12 41.3	2.397	3.243	11.6	20.0

263971 2009 KB_{1} 5 27.2 342°.77 7°.5/22.7 16

4 21	16 34.86	− 9 6.4	1.543	2.407	15.3	19.8
5 1	16 32.39	− 7 19.6	1.465	2.391	12.2	19.6
5 11	16 27.62	− 5 32.5	1.410	2.376	9.2	19.3
5 21	16 21.20	− 3 53.0	1.378	2.362	7.5	19.2
5 31	16 14.08	− 2 29.1	1.371	2.349	8.5	19.2
6 10	16 7.36	− 1 27.5	1.387	2.338	11.3	19.4
6 20	16 1.99	− 0 51.4	1.425	2.328	14.7	19.5
6 30	15 58.73	− 0 41.1	1.481	2.319	17.9	19.7

300950 2008 CJ_{193} 5 27.2 191°.46 4°.4/24.6 18

4 21	16 39.57	− 7 56.3	2.658	3.484	10.8	21.9
5 1	16 34.88	− 7 11.8	2.579	3.483	8.5	21.8
5 11	16 28.70	− 6 30.6	2.524	3.481	6.2	21.6
5 21	16 21.51	− 5 55.5	2.495	3.479	4.6	21.5
5 31	16 13.93	− 5 29.2	2.495	3.477	4.9	21.5
6 10	16 6.64	− 5 13.7	2.522	3.475	6.8	21.6
6 20	16 0.24	− 5 9.9	2.576	3.472	9.2	21.8
6 30	15 55.22	− 5 17.8	2.653	3.468	11.5	21.9

91624 1999 TP_{44} 5 27.2 137°.33 1°.3/26.4 17

4 21	16 39.60	−19 10.2	2.385	3.220	11.6	19.6
5 1	16 35.13	−18 37.1	2.304	3.221	8.8	19.4
5 11	16 28.96	−18 0.5	2.247	3.221	5.6	19.3
5 21	16 21.62	−17 22.2	2.216	3.222	2.4	19.0
5 31	16 13.86	−16 44.4	2.214	3.223	2.1	19.0
6 10	16 6.46	−16 9.9	2.239	3.223	5.3	19.2
6 20	16 0.11	−15 41.1	2.292	3.224	8.5	19.4
6 30	15 55.35	−15 20.1	2.368	3.225	11.4	19.6

349418 2008 AB_{10} 5 27.2 261°.46 2°.9/28.7 18

4 21	16 42.83	−31 26.0	2.289	3.099	12.8	20.9
5 1	16 37.97	−31 23.4	2.192	3.088	10.2	20.7
5 11	16 30.99	−31 10.0	2.118	3.077	7.1	20.5
5 21	16 22.48	−30 44.7	2.070	3.065	4.1	20.3
5 31	16 13.32	−30 7.8	2.049	3.054	3.1	20.2
6 10	16 4.50	−29 21.9	2.055	3.042	5.5	20.3
6 20	15 56.93	−28 30.9	2.089	3.030	8.7	20.5
6 30	15 51.29	−27 39.4	2.147	3.018	11.8	20.7

494413 2016 UB_{70} 5 27.2 247°.94 2°.6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.53	−29 19.6	2.606	3.413	11.5	22.2
5 1	16 38.32	−29 43.4	2.505	3.400	9.1	22.0
5 11	16 31.15	−30 0.4	2.428	3.387	6.3	21.8
5 21	16 22.55	−30 9.2	2.377	3.373	3.6	21.6
5 31	16 13.26	−30 9.0	2.354	3.359	2.8	21.5
6 10	16 4.18	−30 0.6	2.361	3.345	5.1	21.6
6 20	15 56.11	−29 46.2	2.394	3.330	8.0	21.8
6 30	15 49.75	−29 28.9	2.452	3.315	10.8	21.9

219638 2001 UB_{65} 5 27.2 226°.85 3°.8/28.4 18 R

4 21	16 48.60	−30 57.3	2.194	2.998	13.5	21.2
5 1	16 42.63	−31 35.1	2.096	2.987	10.8	21.0
5 11	16 34.16	−32 4.8	2.020	2.975	7.7	20.7
5 21	16 23.79	−32 23.3	1.971	2.963	4.8	20.5
5 31	16 12.48	−32 28.8	1.949	2.949	3.9	20.5
6 10	16 1.41	−32 21.8	1.955	2.936	6.3	20.6
6 20	15 51.65	−32 5.2	1.988	2.921	9.6	20.7
6 30	15 44.08	−31 43.4	2.045	2.907	12.7	20.9

246783 2009 DN_{53} 5 27.2 296°.51 6°.6/24.4 17

4 21	16 40.22	− 4 2.6	2.062	2.893	13.3	20.6
5 1	16 35.80	− 3 17.3	1.988	2.890	10.7	20.4
5 11	16 29.49	− 2 39.5	1.936	2.887	8.3	20.2
5 21	16 21.87	− 2 13.2	1.910	2.884	6.7	20.1
5 31	16 13.73	− 2 1.6	1.909	2.881	7.0	20.1
6 10	16 5.96	− 2 6.7	1.934	2.878	9.1	20.2
6 20	15 59.30	− 2 28.5	1.983	2.875	11.7	20.4
6 30	15 54.39	− 3 5.5	2.053	2.872	14.2	20.6

438972 2010 MW_{101} 5 27.2 277°.44 3°.8/24.9 17

4 21	16 38.96	−12 28.3	2.383	3.220	11.5	21.4
5 1	16 34.72	−11 32.3	2.289	3.203	9.0	21.2
5 11	16 28.76	−10 35.7	2.219	3.187	6.2	21.0
5 21	16 21.59	− 9 41.6	2.175	3.170	4.0	20.9
5 31	16 13.89	− 8 53.6	2.159	3.154	4.4	20.9
6 10	16 6.44	− 8 14.8	2.172	3.137	6.9	21.0
6 20	15 59.94	− 7 47.7	2.209	3.120	9.9	21.1
6 30	15 54.98	− 7 33.4	2.270	3.103	12.6	21.3

127965 2003 HG_{22} 5 27.2 358°.82 2°.0/26.7 17

4 21	16 43.85	−17 42.3	1.243	2.108	18.2	19.7
5 1	16 39.90	−17 34.1	1.175	2.106	14.0	19.5
5 11	16 32.76	−17 24.4	1.125	2.106	9.1	19.2
5 21	16 23.30	−17 14.7	1.098	2.105	3.8	18.9
5 31	16 12.85	−17 7.2	1.095	2.105	3.2	18.8
6 10	16 3.02	−17 4.6	1.115	2.106	8.4	19.1
6 20	15 55.18	−17 9.4	1.158	2.107	13.4	19.4
6 30	15 50.29	−17 23.5	1.220	2.108	17.8	19.7

410329 2007 UL_{22} 5 27.2 174°.34 0°.6/26.9 14 C

4 21	16 47.14	−20 40.5	1.925	2.756	14.1	23.1
5 1	16 41.31	−20 28.0	1.845	2.759	10.8	22.9
5 11	16 33.13	−20 11.2	1.788	2.762	6.9	22.7
5 21	16 23.32	−19 50.7	1.757	2.763	2.7	22.4
5 31	16 12.85	−19 28.1	1.753	2.764	1.9	22.4
6 10	16 2.87	−19 6.0	1.778	2.765	6.1	22.6
6 20	15 54.33	−18 47.2	1.828	2.765	10.1	22.9
6 30	15 47.98	−18 34.5	1.902	2.763	13.5	23.1

36663 2000 QY_{210} 5 27.2 173°.50 6°.6/31.4 18

4 21	16 49.39	−47 29.0	3.311	4.022	11.2	21.3
5 1	16 42.68	−48 10.4	3.223	4.025	9.7	21.2
5 11	16 33.87	−48 38.1	3.158	4.028	8.3	21.1
5 21	16 23.58	−48 49.1	3.117	4.030	7.1	21.0
5 31	16 12.68	−48 41.8	3.103	4.032	6.6	21.0
6 10	16 2.15	−48 16.7	3.115	4.033	7.0	21.0
6 20	15 52.84	−47 36.8	3.153	4.034	8.2	21.1
6 30	15 45.46	−46 46.3	3.216	4.034	9.6	21.2

305538 2008 GR_{82} 5 27.2 63°.97 1°.6/27.8 18

4 21	16 42.91	−25 21.3	2.323	3.146	12.3	20.6
5 1	16 37.87	−25 47.1	2.242	3.149	9.5	20.4
5 11	16 30.85	−26 8.1	2.184	3.152	6.3	20.2
5 21	16 22.42	−26 23.1	2.152	3.155	3.0	20.0
5 31	16 13.41	−26 31.6	2.148	3.158	2.0	19.9
6 10	16 4.73	−26 34.6	2.173	3.161	5.1	20.1
6 20	15 57.20	−26 33.9	2.224	3.164	8.3	20.3
6 30	15 51.48	−26 32.0	2.299	3.167	11.3	20.5

195393 2002 GK_{12} 5 27.2 19°.98 9°.3/29.3 17

4 21	16 49.35	−39 18.2	1.573	2.374	18.1	19.6
5 1	16 44.47	−40 58.8	1.505	2.378	15.3	19.4
5 11	16 35.98	−42 24.6	1.456	2.383	12.4	19.2
5 21	16 24.66	−43 27.7	1.429	2.388	10.0	19.1
5 31	16 11.99	−44 2.3	1.426	2.394	9.3	19.1
6 10	15 59.82	−44 8.0	1.447	2.401	10.7	19.2
6 20	15 49.85	−43 49.4	1.490	2.408	13.2	19.3
6 30	15 43.25	−43 14.8	1.553	2.416	16.0	19.5

350702 2001 WV_{44} 5 27.2 203°.81 1°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.39	−16 55.9	2.740	3.566	10.5	21.9
5 1	16 36.33	−16 45.8	2.650	3.562	8.0	21.7
5 11	16 29.68	−16 34.8	2.585	3.557	5.2	21.5
5 21	16 21.94	−16 23.8	2.547	3.552	2.3	21.3
5 31	16 13.73	−16 14.1	2.538	3.546	2.0	21.3
6 10	16 5.78	−16 7.0	2.558	3.540	4.9	21.5
6 20	15 58.72	−16 4.0	2.606	3.533	7.8	21.7
6 30	15 53.09	−16 6.1	2.678	3.527	10.5	21.8

434352 2004 RD_{193} 5 27.2 289°.83 12°.6/16.3 18

4 21	16 41.13	+ 4 8.5	1.763	2.582	15.7	20.6
5 1	16 36.95	+ 7 1.8	1.689	2.562	13.9	20.5
5 11	16 30.49	+ 9 47.4	1.639	2.542	12.8	20.4
5 21	16 22.36	+12 14.0	1.613	2.522	12.7	20.3
5 31	16 13.45	+14 11.3	1.612	2.501	13.9	20.3
6 10	16 4.83	+15 32.8	1.632	2.481	15.9	20.4
6 20	15 57.46	+16 16.8	1.672	2.461	18.2	20.5
6 30	15 52.12	+16 25.5	1.727	2.441	20.3	20.6

397045 2005 UL_{82} 5 27.2 182°.10 2°.3/28.2 17

4 21	16 43.10	−28 25.9	2.661	3.470	11.3	22.1
5 1	16 37.84	−28 48.7	2.573	3.471	8.8	22.0
5 11	16 30.75	−29 5.1	2.510	3.471	6.0	21.8
5 21	16 22.38	−29 13.9	2.473	3.471	3.3	21.6
5 31	16 13.46	−29 14.8	2.464	3.470	2.5	21.5
6 10	16 4.83	−29 8.6	2.484	3.470	4.8	21.7
6 20	15 57.23	−28 57.5	2.532	3.469	7.6	21.9
6 30	15 51.27	−28 44.2	2.604	3.468	10.3	22.0

299303 2005 QO_{47} 5 27.2 264°.49 3°.0/28.5 18

4 21	16 43.11	−30 15.1	2.347	3.159	12.5	20.9
5 1	16 38.19	−30 36.2	2.252	3.149	9.9	20.7
5 11	16 31.16	−30 49.2	2.180	3.139	7.0	20.5
5 21	16 22.59	−30 52.2	2.133	3.129	4.1	20.3
5 31	16 13.31	−30 44.8	2.115	3.118	3.2	20.2
6 10	16 4.31	−30 28.2	2.123	3.108	5.5	20.3
6 20	15 56.46	−30 5.0	2.159	3.098	8.6	20.5
6 30	15 50.51	−29 39.2	2.218	3.087	11.6	20.7

506266 2016 QE_{57} 5 27.2 133°.67 1°.5/28.1 18

4 21	16 42.39	−27 55.9	2.545	3.359	11.6	21.8
5 1	16 37.20	−27 41.0	2.466	3.368	8.9	21.6
5 11	16 30.25	−27 17.9	2.411	3.376	6.0	21.4
5 21	16 22.14	−26 46.9	2.382	3.384	2.9	21.2
5 31	16 13.65	−26 9.1	2.382	3.392	1.8	21.2
6 10	16 5.58	−25 27.2	2.411	3.400	4.6	21.4
6 20	15 58.64	−24 44.3	2.468	3.407	7.7	21.6
6 30	15 53.38	−24 3.8	2.549	3.414	10.4	21.8

129232 2005 PG_{3} 5 27.2 276°.56 2°.3/28.2 18

4 21	16 43.26	−28 25.8	2.459	3.272	12.0	19.8
5 1	16 38.30	−28 41.5	2.348	3.247	9.4	19.5
5 11	16 31.27	−28 50.2	2.260	3.222	6.5	19.3
5 21	16 22.66	−28 50.6	2.198	3.197	3.5	19.1
5 31	16 13.26	−28 42.2	2.164	3.172	2.6	19.0
6 10	16 4.00	−28 26.1	2.159	3.146	5.3	19.1
6 20	15 55.75	−28 4.8	2.181	3.119	8.6	19.3
6 30	15 49.28	−27 41.6	2.227	3.093	11.6	19.4

474151 1998 SC_{151} 5 27.2 262°.14 1°.5/27.9 18

4 21	16 44.60	−26 21.0	2.334	3.151	12.4	22.3
5 1	16 39.38	−26 24.9	2.223	3.128	9.7	22.0
5 11	16 31.98	−26 22.0	2.136	3.103	6.5	21.8
5 21	16 22.95	−26 11.4	2.075	3.078	3.1	21.5
5 31	16 13.09	−25 53.2	2.042	3.053	2.0	21.4
6 10	16 3.40	−25 29.1	2.038	3.027	5.4	21.6
6 20	15 54.79	−25 1.8	2.061	3.000	9.0	21.8
6 30	15 48.03	−24 35.1	2.108	2.973	12.3	21.9

338050 2002 NR_{54} 5 27.2 332°.36 9°.7/24.2 18

4 21	16 39.70	+ 0 5.9	1.545	2.385	16.5	19.6
5 1	16 36.11	+ 0 54.5	1.470	2.372	13.8	19.4
5 11	16 30.07	+ 1 29.5	1.415	2.359	11.3	19.2
5 21	16 22.22	+ 1 45.0	1.382	2.346	9.8	19.1
5 31	16 13.56	+ 1 35.9	1.371	2.335	10.2	19.1
6 10	16 5.28	+ 1 0.6	1.384	2.324	12.3	19.2
6 20	15 58.39	+ 0 0.7	1.418	2.314	15.2	19.3
6 30	15 53.75	− 1 20.2	1.471	2.305	18.2	19.5

285689 2000 SM_{164} 5 27.2 185°.87 11°.1/29.8 16

4 21	17 1.99	−47 24.7	2.001	2.730	17.0	21.4
5 1	16 54.40	−49 17.7	1.920	2.730	15.0	21.2
5 11	16 42.64	−50 54.1	1.859	2.730	13.0	21.1
5 21	16 27.41	−52 4.6	1.821	2.729	11.5	21.0
5 31	16 10.27	−52 41.4	1.808	2.727	11.1	21.0
6 10	15 53.38	−52 43.0	1.819	2.724	11.8	21.0
6 20	15 38.79	−52 14.0	1.853	2.721	13.5	21.1
6 30	15 27.97	−51 23.7	1.908	2.717	15.6	21.2

109223 2001 QW_{87} 5 27.2 258°.75 0°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.24	−23 19.6	1.680	2.522	15.3	20.4
5 1	16 39.57	−23 13.8	1.599	2.518	11.8	20.1
5 11	16 32.27	−23 1.3	1.539	2.514	7.7	19.9
5 21	16 23.07	−22 42.1	1.503	2.510	3.1	19.6
5 31	16 13.06	−22 17.6	1.493	2.506	1.8	19.5
6 10	16 3.52	−21 50.8	1.510	2.501	6.5	19.8
6 20	15 55.56	−21 25.4	1.552	2.497	10.9	20.0
6 30	15 50.01	−21 5.1	1.616	2.493	14.7	20.2

48753 1997 GC_{19} 5 27.2 303°.45 5°.3/28.7 18

4 21	16 45.48	−31 55.7	1.497	2.328	17.4	18.8
5 1	16 41.33	−32 37.3	1.410	2.315	14.0	18.6
5 11	16 33.88	−33 7.4	1.342	2.303	10.2	18.3
5 21	16 23.85	−33 21.5	1.297	2.290	6.6	18.1
5 31	16 12.53	−33 16.9	1.277	2.278	5.4	18.0
6 10	16 1.59	−32 54.9	1.281	2.266	8.2	18.1
6 20	15 52.54	−32 20.3	1.308	2.254	12.4	18.3
6 30	15 46.53	−31 40.2	1.356	2.243	16.4	18.5

234685 2002 GS_{97} 5 27.2 137°.14 0°.4/27.0 17

4 21	16 44.43	−21 23.3	2.181	3.010	12.8	21.4
5 1	16 38.92	−21 7.1	2.108	3.020	9.7	21.3
5 11	16 31.44	−20 46.4	2.057	3.031	6.2	21.1
5 21	16 22.64	−20 22.0	2.034	3.041	2.4	20.8
5 31	16 13.38	−19 55.6	2.039	3.050	1.6	20.8
6 10	16 4.59	−19 29.7	2.072	3.059	5.4	21.0
6 20	15 57.08	−19 6.9	2.131	3.067	8.9	21.3
6 30	15 51.45	−18 49.6	2.215	3.075	11.9	21.5

474954 2005 TU_{24} 5 27.2 243°.61 4°.3/28.8 18

4 21	16 46.06	−34 28.1	2.734	3.520	11.6	22.2
5 1	16 40.35	−35 14.2	2.632	3.507	9.4	22.1
5 11	16 32.55	−35 52.1	2.553	3.493	7.1	21.9
5 21	16 23.16	−36 19.0	2.501	3.480	5.0	21.7
5 31	16 12.98	−36 32.9	2.477	3.465	4.4	21.7
6 10	16 2.95	−36 34.1	2.481	3.451	5.9	21.7
6 20	15 53.95	−36 24.5	2.512	3.436	8.3	21.9
6 30	15 46.73	−36 7.5	2.568	3.421	10.7	22.0

391011 2005 SK_{173} 5 27.2 325°.41 2°.0/27.9 16

4 21	16 39.77	−27 1.5	1.768	2.609	14.7	20.6
5 1	16 36.26	−27 2.4	1.673	2.590	11.5	20.4
5 11	16 30.23	−26 54.2	1.600	2.572	7.8	20.1
5 21	16 22.32	−26 36.0	1.550	2.554	3.7	19.8
5 31	16 13.51	−26 8.4	1.526	2.537	2.4	19.7
6 10	16 5.00	−25 34.2	1.528	2.520	6.3	19.9
6 20	15 57.90	−24 57.4	1.555	2.505	10.5	20.1
6 30	15 53.08	−24 22.7	1.603	2.490	14.3	20.3

364622 2007 TO_{12} 5 27.2 280°.01 2°.9/27.8 18

4 21	16 47.34	−26 10.6	1.491	2.331	17.0	20.2
5 1	16 42.77	−26 46.3	1.395	2.310	13.5	19.9
5 11	16 34.88	−27 16.2	1.319	2.290	9.2	19.6
5 21	16 24.30	−27 37.1	1.266	2.269	4.7	19.3
5 31	16 12.23	−27 46.5	1.238	2.248	3.3	19.2
6 10	16 0.32	−27 45.0	1.236	2.226	7.7	19.3
6 20	15 50.13	−27 35.9	1.257	2.205	12.7	19.6
6 30	15 42.91	−27 24.4	1.299	2.183	17.1	19.8

376374 2011 UC_{202} 5 27.2 284°.62 0°.8/26.9 18

4 21	16 41.49	−19 49.5	2.196	3.031	12.4	21.6
5 1	16 37.00	−19 37.1	2.091	3.008	9.6	21.3
5 11	16 30.45	−19 21.4	2.010	2.984	6.2	21.1
5 21	16 22.36	−19 3.1	1.954	2.961	2.5	20.8
5 31	16 13.51	−18 43.5	1.926	2.937	1.9	20.7
6 10	16 4.84	−18 25.0	1.926	2.913	5.7	20.9
6 20	15 57.22	−18 9.8	1.952	2.889	9.5	21.1
6 30	15 51.39	−18 0.4	2.001	2.865	12.9	21.2

39922 1998 FJ_{57} 5 27.2 242°.12 7°.8/29.6 18

4 21	16 50.49	−40 28.5	2.043	2.818	15.3	18.3
5 1	16 44.72	−41 37.8	1.952	2.809	13.0	18.2
5 11	16 35.87	−42 33.7	1.882	2.800	10.5	18.0
5 21	16 24.61	−43 10.4	1.836	2.791	8.5	17.8
5 31	16 12.12	−43 23.7	1.815	2.781	7.8	17.8
6 10	15 59.91	−43 13.4	1.819	2.771	9.0	17.8
6 20	15 49.37	−42 43.1	1.848	2.761	11.3	17.9
6 30	15 41.59	−41 59.7	1.900	2.751	14.0	18.1

176217 2001 QF_{83} 5 27.2 252°.84 4°.9/29.5 18

4 21	16 46.01	−37 11.6	2.618	3.397	12.2	20.5
5 1	16 40.44	−37 38.1	2.510	3.378	10.1	20.3
5 11	16 32.66	−37 53.4	2.425	3.358	7.8	20.1
5 21	16 23.23	−37 54.6	2.364	3.338	5.7	19.9
5 31	16 13.00	−37 40.4	2.332	3.317	4.9	19.9
6 10	16 2.98	−37 11.6	2.327	3.296	6.3	19.9
6 20	15 54.12	−36 31.3	2.349	3.274	8.7	20.0
6 30	15 47.19	−35 44.0	2.395	3.252	11.3	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
521402 2015 MC_{144}			5 27.2 317°.62		5°.1/25.2 18	
	h m	° ′			°	m
4 21	16 39.15	− 8 30.5	1.987	2.829	13.3	20.8
5 1	16 35.22	− 7 58.9	1.900	2.814	10.5	20.6
5 11	16 29.28	− 7 31.8	1.835	2.800	7.6	20.4
5 21	16 21.89	− 7 12.6	1.795	2.786	5.4	20.2
5 31	16 13.84	− 7 4.3	1.782	2.772	5.6	20.2
6 10	16 6.06	− 7 8.9	1.794	2.759	8.2	20.3
6 20	15 59.38	− 7 27.2	1.831	2.746	11.3	20.5
6 30	15 54.51	− 7 58.6	1.889	2.733	14.3	20.7
178541 1999 UN_{46}			5 27.2 306°.04		5°.1/28.9 18	
4 21	16 43.52	−34 19.5	2.105	2.911	13.9	19.4
5 1	16 39.06	−35 0.6	2.001	2.889	11.4	19.2
5 11	16 32.05	−35 31.7	1.920	2.867	8.6	19.0
5 21	16 23.07	−35 49.3	1.863	2.846	6.0	18.8
5 31	16 13.08	−35 51.1	1.832	2.825	5.2	18.7
6 10	16 3.25	−35 37.6	1.827	2.804	7.0	18.8
6 20	15 54.73	−35 11.8	1.848	2.783	10.1	18.9
6 30	15 48.44	−34 38.5	1.891	2.762	13.2	19.1
36727 2000 RV_{46}			5 27.2 122°.52		5°.5/29.2 18	
4 21	16 49.67	−35 23.7	2.069	2.862	14.6	18.6
5 1	16 43.50	−36 14.6	1.996	2.874	11.8	18.4
5 11	16 34.70	−36 53.5	1.944	2.885	8.9	18.2
5 21	16 24.02	−37 16.6	1.918	2.895	6.4	18.1
5 31	16 12.57	−37 21.7	1.918	2.906	5.5	18.1
6 10	16 1.63	−37 10.1	1.945	2.916	7.2	18.2
6 20	15 52.32	−36 45.5	1.998	2.925	9.9	18.4
6 30	15 45.46	−36 13.3	2.074	2.935	12.6	18.6
361090 2006 BB_{248}			5 27.2 4°.44		4°.6/26.1 17	
4 21	16 40.56	−13 45.5	1.069	1.948	19.4	20.9
5 1	16 37.67	−13 16.6	1.009	1.947	15.1	20.6
5 11	16 31.47	−12 50.0	0.966	1.947	10.1	20.3
5 21	16 22.86	−12 29.7	0.944	1.948	5.5	20.1
5 31	16 13.29	−12 20.0	0.945	1.950	5.5	20.1
6 10	16 4.42	−12 24.2	0.967	1.953	10.0	20.3
6 20	15 57.65	−12 43.3	1.009	1.958	15.0	20.6
6 30	15 53.96	−13 17.0	1.070	1.963	19.3	20.9
275506 1995 SL_{81}			5 27.2 301°.08		2°.5/26.2 17	
4 21	16 41.24	−17 18.2	1.656	2.508	15.0	20.6
5 1	16 37.43	−16 46.3	1.559	2.485	11.6	20.4
5 11	16 31.04	−16 10.9	1.484	2.461	7.6	20.1
5 21	16 22.69	−15 34.2	1.432	2.437	3.6	19.8
5 31	16 13.35	−14 59.5	1.406	2.414	3.5	19.7
6 10	16 4.24	−14 30.7	1.406	2.391	7.7	19.9
6 20	15 56.50	−14 11.2	1.430	2.368	12.2	20.1
6 30	15 51.05	−14 3.7	1.474	2.345	16.2	20.3
326511 2002 NQ_{6}			5 27.2 270°.43		1°.2/26.8 17	
4 21	16 44.74	−19 41.1	1.695	2.539	15.1	21.5
5 1	16 40.10	−19 22.9	1.597	2.518	11.7	21.2
5 11	16 32.77	−19 0.1	1.521	2.497	7.6	20.9
5 21	16 23.37	−18 33.8	1.469	2.476	3.1	20.6
5 31	16 12.94	−18 6.0	1.443	2.454	2.4	20.5
6 10	16 2.74	−17 40.1	1.444	2.432	7.2	20.8
6 20	15 53.97	−17 19.4	1.470	2.410	11.8	21.0
6 30	15 47.58	−17 7.3	1.517	2.387	15.9	21.2
506852 2007 UD_{119}			5 27.2 250°.10		7°.5/22.1 17	
4 21	16 40.19	− 3 20.3	2.155	2.983	12.9	21.4
5 1	16 35.75	− 1 44.4	2.076	2.973	10.6	21.2
5 11	16 29.48	− 0 13.3	2.022	2.963	8.6	21.1
5 21	16 21.94	+ 1 7.1	1.992	2.953	7.5	21.0
5 31	16 13.88	+ 2 11.4	1.990	2.943	8.2	21.0
6 10	16 6.13	+ 2 55.6	2.013	2.932	10.2	21.1
6 20	15 59.44	+ 3 18.3	2.059	2.921	12.6	21.2
6 30	15 54.42	+ 3 20.0	2.126	2.910	14.9	21.4
341448 2007 TG_{265}			5 27.2 96°.81		2°.9/28.5 17	
4 21	16 43.81	−29 50.1	2.043	2.862	13.8	20.8
5 1	16 38.89	−30 0.8	1.963	2.865	10.9	20.6
5 11	16 31.66	−30 1.9	1.905	2.867	7.5	20.4
5 21	16 22.82	−29 51.8	1.872	2.869	4.2	20.2
5 31	16 13.35	−29 30.7	1.865	2.872	3.1	20.2
6 10	16 4.33	−29 1.0	1.887	2.874	5.8	20.3
6 20	15 56.72	−28 26.3	1.934	2.876	9.2	20.5
6 30	15 51.24	−27 51.0	2.004	2.879	12.4	20.7
297400 2000 QG_{193}			5 27.2 228°.79		5°.6/23.6 18	
4 21	16 39.83	− 1 34.8	3.041	3.847	10.1	21.4
5 1	16 34.99	− 0 50.5	2.950	3.833	8.3	21.2
5 11	16 28.78	− 0 12.3	2.884	3.819	6.6	21.1
5 21	16 21.63	+ 0 17.0	2.845	3.804	5.7	21.0
5 31	16 14.07	+ 0 34.8	2.834	3.788	6.0	21.0
6 10	16 6.70	+ 0 39.5	2.850	3.772	7.4	21.1
6 20	16 0.06	+ 0 30.7	2.892	3.756	9.3	21.2
6 30	15 54.61	+ 0 9.0	2.957	3.738	11.2	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
201593 2003 SX_{139}			5 27.2 168°.68		1°.1/27.7 18	
	h m	° ′			°	m
4 21	16 43.85	−24 57.9	2.072	2.900	13.3	20.7
5 1	16 38.79	−24 57.8	1.991	2.901	10.3	20.5
5 11	16 31.54	−24 51.3	1.932	2.903	6.7	20.3
5 21	16 22.78	−24 37.8	1.899	2.904	2.9	20.0
5 31	16 13.40	−24 18.3	1.893	2.905	1.7	19.9
6 10	16 4.44	−23 54.9	1.916	2.906	5.5	20.2
6 20	15 56.81	−23 30.7	1.964	2.906	9.2	20.4
6 30	15 51.18	−23 9.1	2.036	2.906	12.4	20.6
21157 1993 RC_{5}			5 27.2 222°.37		0°.7/26.9 18	
4 21	16 40.16	−20 22.1	2.637	3.465	10.8	19.3
5 1	16 35.51	−20 3.9	2.547	3.460	8.2	19.1
5 11	16 29.23	−19 42.2	2.481	3.455	5.3	18.9
5 21	16 21.83	−19 18.1	2.442	3.449	2.1	18.7
5 31	16 13.97	−18 53.0	2.432	3.443	1.5	18.6
6 10	16 6.40	−18 28.9	2.451	3.437	4.8	18.8
6 20	15 59.76	−18 7.9	2.497	3.431	7.8	19.0
6 30	15 54.60	−17 52.0	2.567	3.425	10.6	19.2
523541 2017 SJ_{29}			5 27.2 287°.34		4°.6/25.7 17	
4 21	16 42.69	−11 4.2	1.712	2.558	14.9	21.3
5 1	16 38.36	−10 37.0	1.620	2.539	11.7	21.1
5 11	16 31.55	−10 12.8	1.550	2.520	8.1	20.8
5 21	16 22.88	− 9 54.9	1.504	2.502	5.1	20.6
5 31	16 13.29	− 9 46.5	1.484	2.483	5.3	20.6
6 10	16 3.95	− 9 50.0	1.490	2.464	8.6	20.7
6 20	15 55.93	−10 6.8	1.520	2.445	12.5	20.9
6 30	15 50.10	−10 36.8	1.571	2.427	16.1	21.1
281473 2008 SF_{202}			5 27.2 21°.62		1°.2/26.7 17	
4 21	16 41.28	−20 30.8	1.628	2.479	15.3	20.6
5 1	16 37.20	−20 0.2	1.558	2.483	11.7	20.3
5 11	16 30.67	−19 24.2	1.508	2.486	7.5	20.1
5 21	16 22.46	−18 44.6	1.483	2.491	3.0	19.8
5 31	16 13.62	−18 4.7	1.484	2.495	2.4	19.8
6 10	16 5.35	−17 28.2	1.511	2.500	6.8	20.1
6 20	15 58.63	−16 58.9	1.562	2.505	11.0	20.3
6 30	15 54.19	−16 39.5	1.635	2.511	14.6	20.6
156316 2001 XP_{68}			5 27.2 126°.89		1°.4/28.0 18	
4 21	16 47.31	−28 1.1	2.286	3.097	12.8	20.3
5 1	16 40.99	−27 37.6	2.216	3.116	9.9	20.1
5 11	16 32.70	−27 4.7	2.169	3.134	6.5	20.0
5 21	16 23.14	−26 22.6	2.149	3.152	3.0	19.8
5 31	16 13.24	−25 33.2	2.159	3.169	1.8	19.7
6 10	16 3.95	−24 39.9	2.197	3.185	5.0	19.9
6 20	15 56.05	−23 46.7	2.263	3.201	8.3	20.2
6 30	15 50.10	−22 57.7	2.354	3.215	11.3	20.4
44822 1999 TW_{239}			5 27.2 6°.83		0°.8/27.1 18	
4 21	16 44.97	−18 26.4	1.350	2.208	17.5	18.2
5 1	16 40.64	−18 44.4	1.280	2.208	13.4	17.9
5 11	16 33.23	−19 2.1	1.229	2.208	8.7	17.7
5 21	16 23.57	−19 19.3	1.202	2.209	3.4	17.4
5 31	16 12.92	−19 36.2	1.199	2.210	2.3	17.3
6 10	16 2.83	−19 53.7	1.220	2.212	7.6	17.6
6 20	15 54.61	−20 13.3	1.265	2.214	12.5	17.9
6 30	15 49.23	−20 36.9	1.331	2.217	16.7	18.1
499420 2010 CU_{73}			5 27.2 196°.33		5°.4/24.5 17	
4 21	16 42.32	− 6 9.2	2.356	3.180	12.1	22.2
5 1	16 37.19	− 5 23.1	2.276	3.177	9.6	22.0
5 11	16 30.33	− 4 42.0	2.220	3.174	7.2	21.9
5 21	16 22.27	− 4 9.1	2.191	3.170	5.6	21.8
5 31	16 13.74	− 3 47.5	2.188	3.166	5.9	21.8
6 10	16 5.52	− 3 39.2	2.214	3.161	7.9	21.9
6 20	15 58.32	− 3 45.0	2.264	3.155	10.5	22.0
6 30	15 52.73	− 4 4.4	2.337	3.149	12.9	22.2
303323 2004 TZ_{94}			5 27.2 153°.75		2°.9/26.1 17	
4 21	16 45.21	−17 23.5	1.513	2.363	16.3	20.8
5 1	16 40.32	−16 35.2	1.442	2.367	12.5	20.6
5 11	16 32.74	−15 43.0	1.393	2.369	8.1	20.4
5 21	16 23.29	−14 50.2	1.367	2.372	3.9	20.1
5 31	16 13.14	−14 1.3	1.368	2.374	3.9	20.1
6 10	16 3.61	−13 20.8	1.394	2.376	8.1	20.4
6 20	15 55.80	−12 52.5	1.444	2.378	12.4	20.6
6 30	15 50.51	−12 38.5	1.515	2.380	16.2	20.9
308698 2006 FZ_{9}			5 27.2 82°.53		9°.2/21.8 18	
4 21	16 46.17	+ 1 38.5	2.078	2.883	14.1	20.9
5 1	16 39.82	+ 3 39.9	2.049	2.922	11.8	20.8
5 11	16 31.77	+ 5 28.4	2.045	2.960	10.0	20.8
5 21	16 22.73	+ 6 57.5	2.066	2.997	9.2	20.8
5 31	16 13.55	+ 8 2.5	2.114	3.033	9.7	20.9
6 10	16 5.08	+ 8 41.6	2.188	3.069	11.2	21.0
6 20	15 57.97	+ 8 55.6	2.284	3.103	13.0	21.2
6 30	15 52.69	+ 8 47.6	2.399	3.137	14.6	21.4

271636 2004 PJ_{79} 5 27.2 285°.22 1°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.78	−17 31.3	2.343	3.180	11.7	21.0
5 1	16 35.50	−17 0.1	2.242	3.160	9.0	20.8
5 11	16 29.40	−16 26.0	2.165	3.140	5.9	20.5
5 21	16 21.97	−15 50.9	2.115	3.119	2.7	20.3
5 31	16 13.92	−15 17.0	2.092	3.099	2.6	20.2
6 10	16 6.09	−14 47.1	2.097	3.079	5.8	20.4
6 20	15 59.24	−14 23.6	2.128	3.059	9.2	20.6
6 30	15 54.00	−14 8.5	2.183	3.038	12.3	20.7

475004 2005 TK_{161} 5 27.2 178°.95 2°.2/28.4 18

4 21	16 42.52	−29 27.6	2.891	3.695	10.6	22.4
5 1	16 37.27	−29 38.7	2.802	3.696	8.3	22.3
5 11	16 30.35	−29 42.8	2.738	3.697	5.7	22.1
5 21	16 22.29	−29 39.0	2.700	3.697	3.2	21.9
5 31	16 13.76	−29 27.3	2.692	3.697	2.4	21.9
6 10	16 5.52	−29 9.2	2.712	3.697	4.5	22.0
6 20	15 58.24	−28 46.7	2.760	3.696	7.1	22.2
6 30	15 52.49	−28 22.8	2.833	3.695	9.6	22.3

9441 1997 GN_{8} 5 27.2 308°.85 1°.6/27.9 18

4 21	16 41.32	−25 44.9	2.134	2.964	12.9	18.7
5 1	16 37.02	−25 59.3	2.039	2.950	10.1	18.4
5 11	16 30.54	−26 7.8	1.965	2.935	6.7	18.2
5 21	16 22.46	−26 9.6	1.917	2.921	3.2	18.0
5 31	16 13.62	−26 4.4	1.897	2.907	2.1	17.9
6 10	16 5.02	−25 53.8	1.903	2.893	5.5	18.0
6 20	15 57.59	−25 40.0	1.936	2.880	9.1	18.2
6 30	15 52.09	−25 26.4	1.991	2.866	12.4	18.4

186338 2002 EO_{42} 5 27.2 77°.61 0°.7/26.9 17

4 21	16 41.00	−20 17.2	2.292	3.125	12.0	20.7
5 1	16 36.27	−20 3.5	2.221	3.136	9.1	20.5
5 11	16 29.75	−19 46.6	2.173	3.148	5.8	20.3
5 21	16 22.05	−19 27.4	2.152	3.159	2.3	20.1
5 31	16 13.93	−19 7.4	2.159	3.170	1.6	20.1
6 10	16 6.24	−18 48.7	2.194	3.182	5.1	20.3
6 20	15 59.69	−18 33.5	2.256	3.193	8.4	20.6
6 30	15 54.83	−18 23.5	2.341	3.204	11.3	20.8

276077 2002 CJ_{221} 5 27.2 41°.31 8°.1/24.7 17

4 21	16 41.87	− 5 27.7	1.348	2.204	17.6	19.8
5 1	16 37.58	− 4 21.3	1.310	2.228	14.0	19.6
5 11	16 30.79	− 3 25.7	1.292	2.252	10.5	19.5
5 21	16 22.45	− 2 46.7	1.296	2.277	8.3	19.4
5 31	16 13.74	− 2 29.0	1.324	2.303	8.6	19.5
6 10	16 5.88	− 2 34.0	1.375	2.329	11.1	19.7
6 20	15 59.78	− 3 0.3	1.448	2.356	14.2	20.0
6 30	15 56.07	− 3 44.5	1.540	2.383	17.0	20.2

151851 2003 GU_{36} 5 27.2 160°.30 0°.3/27.2 18

4 21	16 47.33	−19 47.5	2.102	2.928	13.3	20.3
5 1	16 41.34	−20 3.3	2.023	2.934	10.1	20.1
5 11	16 33.16	−20 17.3	1.967	2.939	6.5	19.9
5 21	16 23.44	−20 29.1	1.938	2.944	2.5	19.7
5 31	16 13.08	−20 38.7	1.937	2.948	1.6	19.6
6 10	16 3.12	−20 47.2	1.964	2.952	5.6	19.9
6 20	15 54.47	−20 55.9	2.019	2.955	9.3	20.1
6 30	15 47.83	−21 6.8	2.098	2.958	12.5	20.3

294951 2008 DV_{70} 5 27.2 173°.42 0°.9/27.8 18

4 21	16 41.60	−26 15.1	2.500	3.320	11.6	20.8
5 1	16 36.69	−25 54.0	2.415	3.321	8.9	20.6
5 11	16 30.03	−25 25.4	2.353	3.322	5.8	20.4
5 21	16 22.17	−24 49.7	2.319	3.323	2.6	20.2
5 31	16 13.87	−24 8.5	2.312	3.324	1.5	20.1
6 10	16 5.95	−23 24.5	2.335	3.324	4.7	20.4
6 20	15 59.12	−22 40.8	2.385	3.325	7.9	20.6
6 30	15 53.95	−22 0.7	2.459	3.325	10.7	20.7

247758 2003 QH_{4} 5 27.2 273°.99 0°.2/27.2 17

4 21	16 44.65	−22 27.1	1.516	2.364	16.4	20.5
5 1	16 40.31	−22 9.9	1.427	2.350	12.7	20.2
5 11	16 33.04	−21 45.3	1.358	2.335	8.3	19.9
5 21	16 23.54	−21 13.6	1.313	2.320	3.3	19.5
5 31	16 12.98	−20 37.0	1.294	2.306	2.1	19.4
6 10	16 2.81	−19 59.4	1.299	2.291	7.3	19.7
6 20	15 54.30	−19 25.4	1.329	2.276	12.2	19.9
6 30	15 48.45	−18 59.7	1.380	2.260	16.6	20.2

186556 2002 XB_{54} 5 27.2 209°.00 1°.1/26.9 17

4 21	16 46.71	−17 52.9	2.202	3.028	12.7	20.9
5 1	16 40.87	−17 55.2	2.110	3.021	9.8	20.7
5 11	16 32.89	−17 56.6	2.041	3.014	6.3	20.4
5 21	16 23.36	−17 57.2	1.999	3.005	2.6	20.2
5 31	16 13.12	−17 58.0	1.986	2.997	2.0	20.1
6 10	16 3.17	−18 0.1	2.002	2.987	5.8	20.3
6 20	15 54.38	−18 5.1	2.045	2.977	9.4	20.5
6 30	15 47.49	−18 14.6	2.112	2.966	12.7	20.7

521261 2015 HN_{192} 5 27.2 213°.73 2°.8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.02	−11 52.2	2.213	3.042	12.5	21.7
5 1	16 38.70	−12 1.3	2.129	3.041	9.7	21.5
5 11	16 31.42	−12 14.3	2.070	3.039	6.5	21.3
5 21	16 22.76	−12 32.2	2.036	3.037	3.5	21.1
5 31	16 13.50	−12 55.7	2.031	3.035	3.3	21.1
6 10	16 4.54	−13 25.0	2.055	3.033	6.2	21.3
6 20	15 56.68	−14 0.2	2.104	3.031	9.5	21.5
6 30	15 50.59	−14 41.0	2.178	3.028	12.5	21.6

46499 2409 T_{-3} 5 27.2 339°.73 2°.1/27.9 17

4 21	16 40.98	−25 45.6	1.207	2.071	18.7	19.1
5 1	16 38.16	−25 55.5	1.131	2.061	14.6	18.9
5 11	16 31.97	−25 55.7	1.074	2.052	9.8	18.6
5 21	16 23.19	−25 44.6	1.038	2.044	4.5	18.2
5 31	16 13.21	−25 22.6	1.025	2.036	2.8	18.1
6 10	16 3.78	−24 53.4	1.035	2.030	7.9	18.4
6 20	15 56.39	−24 22.2	1.066	2.024	13.2	18.6
6 30	15 52.15	−23 55.1	1.117	2.020	17.9	18.9

166593 2002 RO_{173} 5 27.2 195°.60 1°.1/26.7 17

4 21	16 41.99	−19 34.2	2.251	3.084	12.3	21.0
5 1	16 37.14	−19 11.0	2.167	3.083	9.3	20.8
5 11	16 30.40	−18 44.3	2.107	3.081	6.0	20.6
5 21	16 22.34	−18 15.4	2.073	3.079	2.4	20.4
5 31	16 13.78	−17 46.2	2.067	3.077	2.0	20.4
6 10	16 5.57	−17 19.3	2.089	3.075	5.5	20.6
6 20	15 58.49	−16 57.1	2.138	3.073	8.9	20.8
6 30	15 53.16	−16 41.8	2.211	3.070	12.0	21.0

473743 2016 EW_{4} 5 27.2 35°.81 5°.9/28.7 17

4 21	16 48.51	−32 2.5	1.411	2.242	18.3	21.0
5 1	16 43.71	−33 5.3	1.341	2.245	14.7	20.8
5 11	16 35.43	−33 56.7	1.291	2.249	10.8	20.6
5 21	16 24.51	−34 31.0	1.263	2.253	7.1	20.4
5 31	16 12.43	−34 44.7	1.259	2.257	6.0	20.3
6 10	16 0.97	−34 38.6	1.280	2.262	8.7	20.5
6 20	15 51.67	−34 17.7	1.324	2.267	12.5	20.7
6 30	15 45.61	−33 49.1	1.388	2.272	16.3	21.0

500886 2013 JN_{65} 5 27.2 210°.16 0°.1/26.3 17

4 21	16 19.87	−16 2.5	40.340	41.166	0.8	23.6
5 1	16 19.16	−16 0.8	40.254	41.166	0.6	23.6
5 11	16 18.38	−15 59.1	40.194	41.166	0.4	23.6
5 21	16 17.54	−15 57.5	40.162	41.166	0.2	23.5
5 31	16 16.69	−15 56.0	40.159	41.165	0.2	23.5
6 10	16 15.85	−15 54.8	40.185	41.165	0.4	23.6
6 20	16 15.05	−15 54.0	40.240	41.165	0.6	23.6
6 30	16 14.32	−15 53.5	40.320	41.165	0.8	23.6

61624 2000 QQ_{101} 5 27.2 198°.41 0°.6/27.1 18

4 21	16 44.59	−19 57.9	1.923	2.759	13.9	19.2
5 1	16 39.49	−19 58.2	1.841	2.757	10.6	19.0
5 11	16 32.10	−19 55.8	1.781	2.756	6.9	18.8
5 21	16 23.06	−19 50.9	1.747	2.754	2.7	18.5
5 31	16 13.33	−19 44.4	1.741	2.753	1.8	18.4
6 10	16 4.00	−19 38.3	1.762	2.750	6.0	18.7
6 20	15 56.01	−19 34.5	1.809	2.748	10.0	18.9
6 30	15 50.13	−19 35.4	1.878	2.746	13.4	19.1

23507 1992 EQ_{13} 5 27.2 235°.27 1°.3/27.8 18

4 21	16 43.54	−26 6.3	2.062	2.889	13.4	19.1
5 1	16 38.66	−25 57.6	1.973	2.883	10.4	18.8
5 11	16 31.54	−25 40.9	1.906	2.876	6.9	18.6
5 21	16 22.84	−25 15.8	1.865	2.870	3.1	18.4
5 31	16 13.47	−24 43.6	1.852	2.863	1.8	18.2
6 10	16 4.49	−24 6.9	1.866	2.856	5.6	18.5
6 20	15 56.81	−23 29.4	1.907	2.849	9.3	18.7
6 30	15 51.17	−22 55.1	1.971	2.842	12.7	18.9

331322 2011 WW_{115} 5 27.2 313°.71 1°.3/26.8 18

4 21	16 40.29	−18 31.2	1.870	2.716	13.8	20.7
5 1	16 36.44	−18 22.0	1.773	2.696	10.6	20.5
5 11	16 30.29	−18 10.5	1.699	2.676	6.9	20.2
5 21	16 22.41	−17 57.9	1.649	2.656	2.9	19.9
5 31	16 13.70	−17 45.7	1.626	2.637	2.3	19.8
6 10	16 5.21	−17 36.1	1.630	2.618	6.5	20.0
6 20	15 57.94	−17 31.5	1.658	2.599	10.6	20.2
6 30	15 52.70	−17 33.8	1.708	2.581	14.3	20.4

74297 1998 SZ_{147} 5 27.2 214°.34 3°.0/25.6 18

4 21	16 41.72	−13 36.5	2.483	3.312	11.4	20.1
5 1	16 36.75	−12 57.6	2.394	3.305	8.7	19.9
5 11	16 30.07	−12 18.5	2.329	3.298	5.9	19.7
5 21	16 22.22	−11 41.4	2.290	3.289	3.4	19.5
5 31	16 13.87	−11 9.0	2.281	3.281	3.6	19.5
6 10	16 5.80	−10 43.7	2.300	3.271	6.2	19.7
6 20	15 58.71	−10 27.3	2.346	3.262	9.1	19.8
6 30	15 53.16	−10 21.0	2.415	3.251	11.8	20.0

521312 2015 KE_{170} 5 27.2 64°.27 0°.4/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.16	−23 4.8	2.084	2.917	13.1	21.9
5 1	16 37.47	−23 0.0	2.003	2.918	10.0	21.7
5 11	16 30.71	−22 49.8	1.946	2.919	6.5	21.5
5 21	16 22.50	−22 34.6	1.914	2.921	2.6	21.2
5 31	16 13.71	−22 15.5	1.910	2.922	1.5	21.1
6 10	16 5.32	−21 54.7	1.933	2.923	5.4	21.4
6 20	15 58.19	−21 34.9	1.983	2.925	9.1	21.6
6 30	15 52.99	−21 18.9	2.055	2.926	12.3	21.8

89716 2001 YD_{115} 5 27.2 243°.77 6°.4/30.2 18

4 21	16 47.68	−39 1.4	1.911	2.701	15.7	20.1
5 1	16 42.43	−39 23.9	1.822	2.694	13.1	19.9
5 11	16 34.27	−39 29.9	1.753	2.687	10.2	19.7
5 21	16 23.98	−39 15.1	1.708	2.680	7.5	19.5
5 31	16 12.80	−38 38.2	1.687	2.673	6.5	19.5
6 10	16 2.15	−37 41.4	1.693	2.665	7.9	19.5
6 20	15 53.26	−36 30.5	1.724	2.657	10.8	19.7
6 30	15 47.04	−35 13.4	1.778	2.650	13.8	19.9

249547 2010 HZ_{83} 5 27.2 303°.94 2°.8/28.0 17

4 21	16 43.71	−27 8.6	1.315	2.168	18.1	20.7
5 1	16 40.33	−27 24.7	1.224	2.146	14.4	20.4
5 11	16 33.50	−27 31.0	1.151	2.125	9.8	20.1
5 21	16 23.88	−27 24.6	1.100	2.104	4.9	19.7
5 31	16 12.78	−27 4.8	1.072	2.083	3.3	19.6
6 10	16 1.96	−26 34.0	1.069	2.062	8.1	19.8
6 20	15 53.03	−25 57.6	1.087	2.042	13.4	20.0
6 30	15 47.27	−25 22.6	1.125	2.023	18.2	20.2

22382 1994 CY_{16} 5 27.2 358°.84 0°.2/27.3 18

4 21	16 40.02	−21 0.7	1.082	1.959	19.4	18.1
5 1	16 37.52	−21 16.9	1.017	1.955	14.9	17.8
5 11	16 31.58	−21 29.5	0.970	1.953	9.7	17.5
5 21	16 23.04	−21 37.9	0.943	1.952	3.8	17.2
5 31	16 13.37	−21 42.6	0.939	1.952	2.3	17.1
6 10	16 4.34	−21 45.8	0.957	1.953	8.2	17.4
6 20	15 57.46	−21 50.5	0.996	1.956	13.7	17.7
6 30	15 53.80	−21 59.8	1.053	1.960	18.4	18.0

418291 2008 EY_{161} 5 27.2 201°.51 2°.1/27.9 18

4 21	16 47.40	−26 15.8	1.895	2.719	14.5	21.6
5 1	16 41.87	−26 36.3	1.809	2.717	11.3	21.4
5 11	16 33.76	−26 50.0	1.746	2.714	7.6	21.1
5 21	16 23.77	−26 55.2	1.708	2.710	3.7	20.9
5 31	16 12.94	−26 51.3	1.697	2.706	2.5	20.8
6 10	16 2.50	−26 39.9	1.713	2.702	6.1	21.0
6 20	15 53.55	−26 24.0	1.755	2.697	10.1	21.2
6 30	15 46.93	−26 7.7	1.821	2.692	13.6	21.4

477033 2009 AZ_{18} 5 27.2 263°.92 9°.7/22.9 18

4 21	16 44.40	+ 7 24.4	2.296	3.078	13.6	21.5
5 1	16 39.01	+ 8 8.6	2.204	3.055	11.9	21.4
5 11	16 31.67	+ 8 38.8	2.134	3.032	10.5	21.2
5 21	16 22.91	+ 8 50.0	2.088	3.007	9.7	21.1
5 31	16 13.45	+ 8 38.4	2.067	2.982	10.1	21.1
6 10	16 4.18	+ 8 2.6	2.070	2.957	11.5	21.1
6 20	15 55.91	+ 7 3.7	2.097	2.931	13.5	21.2
6 30	15 49.30	+ 5 44.7	2.145	2.905	15.6	21.3

189596 2000 WR_{98} 5 27.2 215°.71 2°.0/28.3 18

4 21	16 45.17	−29 4.3	2.319	3.130	12.6	20.5
5 1	16 39.70	−28 50.9	2.223	3.122	9.9	20.3
5 11	16 32.12	−28 27.6	2.151	3.114	6.7	20.0
5 21	16 23.06	−27 53.9	2.105	3.106	3.4	19.8
5 31	16 13.39	−27 10.7	2.087	3.097	2.2	19.7
6 10	16 4.09	−26 21.0	2.098	3.087	5.2	19.9
6 20	15 56.03	−25 28.7	2.137	3.076	8.7	20.1
6 30	15 49.89	−24 38.2	2.200	3.066	11.8	20.3

478791 2012 UD_{147} 5 27.2 305°.17 2°.4/28.0 16

4 21	16 43.19	−26 45.7	1.748	2.584	15.1	21.3
5 1	16 39.03	−27 7.5	1.652	2.566	11.9	21.1
5 11	16 32.17	−27 22.2	1.578	2.548	8.1	20.8
5 21	16 23.22	−27 28.0	1.528	2.531	4.1	20.5
5 31	16 13.23	−27 23.8	1.504	2.514	2.8	20.4
6 10	16 3.49	−27 11.4	1.506	2.497	6.6	20.6
6 20	15 55.20	−26 53.7	1.533	2.480	10.8	20.8
6 30	15 49.33	−26 35.3	1.581	2.464	14.7	21.0

496832 1995 WP_{21} 5 27.2 208°.73 1°.3/26.8 17

4 21	16 46.03	−18 39.0	2.001	2.833	13.6	23.0
5 1	16 40.53	−18 26.1	1.913	2.828	10.4	22.7
5 11	16 32.75	−18 10.4	1.848	2.821	6.7	22.5
5 21	16 23.34	−17 53.1	1.808	2.814	2.8	22.2
5 31	16 13.21	−17 35.6	1.797	2.807	2.2	22.2
6 10	16 3.43	−17 20.3	1.813	2.799	6.2	22.4
6 20	15 54.96	−17 9.6	1.856	2.790	10.1	22.6
6 30	15 48.53	−17 5.5	1.922	2.780	13.5	22.8

321297 2009 FL_{54} 5 27.2 282°.72 5°.8/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.50	− 6 39.4	2.155	2.990	12.7	20.4
5 1	16 35.26	− 5 44.8	2.077	2.985	10.1	20.2
5 11	16 29.21	− 4 54.8	2.023	2.979	7.6	20.0
5 21	16 21.90	− 4 13.3	1.993	2.974	5.9	19.9
5 31	16 14.10	− 3 44.1	1.990	2.968	6.3	19.9
6 10	16 6.62	− 3 29.7	2.014	2.963	8.4	20.1
6 20	16 0.20	− 3 30.9	2.061	2.958	11.1	20.2
6 30	15 55.44	− 3 47.4	2.131	2.953	13.7	20.4

377328 2004 NA_{21} 5 27.2 291°.54 0°.8/26.9 17

4 21	16 42.37	−21 39.1	1.671	2.518	15.2	20.6
5 1	16 38.28	−21 11.1	1.579	2.501	11.7	20.3
5 11	16 31.58	−20 36.1	1.508	2.485	7.6	20.0
5 21	16 22.96	−19 55.1	1.462	2.469	3.0	19.7
5 31	16 13.43	−19 10.8	1.442	2.453	2.1	19.6
6 10	16 4.25	−18 27.6	1.448	2.437	6.9	19.9
6 20	15 56.53	−17 49.6	1.478	2.421	11.4	20.1
6 30	15 51.17	−17 20.9	1.530	2.406	15.5	20.3

382214 2012 PE_{35} 5 27.3 308°.82 1°.7/27.7 17

4 21	16 43.20	−24 37.8	1.628	2.471	15.7	20.6
5 1	16 39.16	−24 57.5	1.536	2.455	12.2	20.3
5 11	16 32.31	−25 11.5	1.465	2.439	8.1	20.0
5 21	16 23.30	−25 18.2	1.418	2.423	3.7	19.7
5 31	16 13.20	−25 17.3	1.396	2.407	2.3	19.6
6 10	16 3.38	−25 10.2	1.400	2.392	6.8	19.8
6 20	15 55.08	−24 59.8	1.429	2.378	11.3	20.1
6 30	15 49.31	−24 50.3	1.478	2.363	15.4	20.3

2585 Irpedina 5 27.3 240°.37 3°.2/25.9 18

4 21	16 45.06	−13 56.8	2.010	2.843	13.5	16.7
5 1	16 39.82	−13 27.9	1.914	2.828	10.5	16.4
5 11	16 32.35	−12 58.9	1.841	2.811	7.0	16.2
5 21	16 23.21	−12 32.0	1.793	2.794	3.9	16.0
5 31	16 13.29	−12 10.1	1.774	2.777	3.9	15.9
6 10	16 3.62	−11 55.7	1.782	2.758	7.2	16.1
6 20	15 55.14	−11 50.8	1.816	2.739	10.9	16.3
6 30	15 48.63	−11 56.8	1.873	2.719	14.3	16.4

291744 2006 JU_{81} 5 27.3 190°.26 2°.4/26.1 18

4 21	16 42.10	−16 9.2	2.132	2.969	12.7	21.4
5 1	16 37.29	−15 37.7	2.051	2.968	9.7	21.2
5 11	16 30.53	−15 4.7	1.994	2.967	6.4	20.9
5 21	16 22.43	−14 32.3	1.963	2.966	3.1	20.7
5 31	16 13.80	−14 3.1	1.959	2.965	3.1	20.7
6 10	16 5.56	−13 39.7	1.984	2.964	6.3	20.9
6 20	15 58.48	−13 24.2	2.034	2.962	9.7	21.1
6 30	15 53.20	−13 18.1	2.107	2.960	12.7	21.3

37007 2000 TY_{37} 5 27.3 114°.93 5°.1/24.9 18

4 21	16 40.47	− 6 51.0	2.280	3.110	12.2	18.7
5 1	16 35.84	− 6 16.2	2.209	3.114	9.7	18.5
5 11	16 29.50	− 5 46.8	2.161	3.119	7.1	18.4
5 21	16 22.00	− 5 25.8	2.139	3.123	5.3	18.3
5 31	16 14.09	− 5 15.6	2.144	3.126	5.5	18.3
6 10	16 6.53	− 5 17.8	2.175	3.130	7.6	18.4
6 20	16 0.02	− 5 32.8	2.232	3.134	10.2	18.6
6 30	15 55.10	− 5 59.7	2.312	3.138	12.6	18.8

136808 1997 EN_{47} 5 27.3 35°.28 1°.2/26.9 17

4 21	16 42.90	−20 25.9	1.288	2.150	17.8	19.6
5 1	16 38.96	−20 2.8	1.229	2.159	13.6	19.4
5 11	16 32.06	−19 34.2	1.189	2.169	8.7	19.2
5 21	16 23.11	−19 2.2	1.172	2.180	3.5	18.9
5 31	16 13.45	−18 29.8	1.180	2.191	2.6	18.8
6 10	16 4.58	−18 1.2	1.211	2.202	7.7	19.2
6 20	15 57.66	−17 40.4	1.265	2.215	12.4	19.5
6 30	15 53.52	−17 30.1	1.340	2.227	16.5	19.8

31324 Jiřímrázek 5 27.3 179°.80 2°.8/26.2 18

4 21	16 41.51	−13 4.8	2.297	3.130	12.0	19.1
5 1	16 36.71	−12 54.3	2.217	3.130	9.2	18.9
5 11	16 30.11	−12 45.8	2.160	3.131	6.2	18.7
5 21	16 22.27	−12 40.7	2.130	3.131	3.4	18.5
5 31	16 13.93	−12 40.6	2.128	3.131	3.3	18.5
6 10	16 5.90	−12 46.6	2.153	3.130	6.1	18.7
6 20	15 58.93	−12 59.7	2.205	3.130	9.2	18.9
6 30	15 53.60	−13 20.2	2.280	3.130	12.0	19.1

41899 2000 WY_{124} 5 27.3 290°.73 3°.6/26.1 18

4 21	16 42.44	− 9 44.1	2.273	3.103	12.3	17.8
5 1	16 37.45	− 9 44.7	2.191	3.101	9.5	17.6
5 11	16 30.61	− 9 50.4	2.133	3.099	6.6	17.4
5 21	16 22.48	−10 2.4	2.101	3.097	4.1	17.2
5 31	16 13.80	−10 21.9	2.097	3.095	4.0	17.2
6 10	16 5.42	−10 49.4	2.121	3.093	6.5	17.4
6 20	15 58.09	−11 24.8	2.171	3.091	9.5	17.6
6 30	15 52.43	−12 7.5	2.245	3.089	12.3	17.7

505726 2015 AN_{256} 5 27.3 36°.94 0°.5/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.23	−20 21.9	1.555	2.403	16.0	21.4
5 1	16 39.67	−20 24.0	1.484	2.407	12.2	21.2
5 11	16 32.43	−20 22.8	1.434	2.411	7.9	21.0
5 21	16 23.26	−20 18.4	1.408	2.415	3.1	20.7
5 31	16 13.34	−20 12.0	1.408	2.419	2.0	20.6
6 10	16 3.97	−20 5.8	1.433	2.424	6.8	20.9
6 20	15 56.26	−20 2.3	1.483	2.429	11.2	21.2
6 30	15 51.06	−20 4.2	1.554	2.434	15.1	21.4

143585 2003 FF_{24} 5 27.3 177°.86 4°.6/29.4 17

4 21	16 45.20	−35 41.4	2.494	3.282	12.5	20.2
5 1	16 39.78	−36 12.8	2.408	3.283	10.2	20.0
5 11	16 32.23	−36 33.4	2.344	3.284	7.7	19.9
5 21	16 23.15	−36 40.7	2.306	3.284	5.4	19.7
5 31	16 13.43	−36 33.6	2.295	3.284	4.6	19.7
6 10	16 4.06	−36 13.3	2.312	3.284	6.1	19.8
6 20	15 55.93	−35 42.9	2.355	3.284	8.5	19.9
6 30	15 49.75	−35 6.7	2.422	3.283	11.0	20.1

116634 2004 BM_{150} 5 27.3 198°.47 0°.6/27.0 18

4 21	16 42.64	−20 7.7	2.260	3.091	12.3	20.7
5 1	16 37.69	−20 0.5	2.175	3.089	9.4	20.5
5 11	16 30.81	−19 50.3	2.114	3.087	6.0	20.2
5 21	16 22.57	−19 37.7	2.079	3.085	2.4	20.0
5 31	16 13.78	−19 23.9	2.072	3.083	1.6	19.9
6 10	16 5.33	−19 10.7	2.093	3.081	5.3	20.2
6 20	15 58.00	−19 0.2	2.141	3.078	8.8	20.4
6 30	15 52.43	−18 54.4	2.213	3.075	11.9	20.6

436829 2012 SX_{3} 5 27.3 264°.25 2°.9/25.9 17

4 21	16 41.76	−14 58.9	1.991	2.832	13.3	21.6
5 1	16 37.27	−14 26.9	1.903	2.822	10.2	21.4
5 11	16 30.66	−13 54.2	1.839	2.812	6.8	21.2
5 21	16 22.55	−13 23.1	1.800	2.802	3.6	21.0
5 31	16 13.78	−12 56.3	1.788	2.792	3.6	20.9
6 10	16 5.34	−12 36.8	1.803	2.781	6.9	21.1
6 20	15 58.08	−12 26.5	1.843	2.771	10.5	21.3
6 30	15 52.73	−12 26.9	1.906	2.761	13.8	21.5

478109 2011 UK_{80} 5 27.3 262°.58 0°.7/26.9 17

4 21	16 40.52	−21 29.6	2.285	3.118	12.1	21.3
5 1	16 36.05	−20 55.8	2.198	3.114	9.2	21.1
5 11	16 29.73	−20 16.5	2.135	3.110	5.9	20.9
5 21	16 22.14	−19 33.2	2.099	3.105	2.3	20.6
5 31	16 14.05	−18 48.4	2.090	3.101	1.7	20.6
6 10	16 6.32	−18 5.0	2.110	3.097	5.3	20.8
6 20	15 59.69	−17 26.2	2.156	3.092	8.8	21.0
6 30	15 54.77	−16 54.8	2.226	3.088	11.8	21.2

395276 2010 UM_{75} 5 27.3 279°.42 1°.8/27.6 18

4 21	16 47.14	−23 53.7	2.433	3.247	12.0	20.6
5 1	16 41.33	−24 49.0	2.329	3.232	9.4	20.4
5 11	16 33.34	−25 43.0	2.250	3.216	6.3	20.2
5 21	16 23.66	−26 33.2	2.198	3.201	3.1	19.9
5 31	16 13.08	−27 17.6	2.176	3.185	2.2	19.9
6 10	16 2.57	−27 55.4	2.183	3.169	5.3	20.0
6 20	15 53.05	−28 26.9	2.219	3.154	8.6	20.2
6 30	15 45.32	−28 53.9	2.279	3.138	11.7	20.4

175719 1997 ED_{4} 5 27.3 149°.43 4°.8/24.3 18

4 21	16 39.63	− 6 8.7	2.794	3.615	10.5	21.0
5 1	16 34.87	− 5 19.3	2.724	3.622	8.3	20.8
5 11	16 28.73	− 4 34.2	2.678	3.630	6.2	20.7
5 21	16 21.69	− 3 56.4	2.660	3.637	4.9	20.6
5 31	16 14.34	− 3 28.4	2.669	3.643	5.2	20.7
6 10	16 7.30	− 3 12.0	2.707	3.649	6.9	20.8
6 20	16 1.12	− 3 7.9	2.770	3.655	9.0	20.9
6 30	15 56.25	− 3 15.8	2.856	3.660	11.0	21.1

57230 2001 QK_{77} 5 27.3 255°.47 2°.7/26.1 18

4 21	16 43.75	−16 6.9	1.953	2.791	13.6	19.2
5 1	16 38.92	−15 33.2	1.857	2.774	10.5	18.9
5 11	16 31.83	−14 57.1	1.783	2.757	7.0	18.7
5 21	16 23.05	−14 21.0	1.735	2.739	3.5	18.4
5 31	16 13.49	−13 47.8	1.714	2.720	3.4	18.4
6 10	16 4.18	−13 20.7	1.721	2.701	7.0	18.6
6 20	15 56.10	−13 2.5	1.753	2.682	10.9	18.7
6 30	15 50.02	−12 55.2	1.807	2.662	14.4	18.9

416413 2003 UM_{179} 5 27.3 288°.77 2°.1/26.6 17

4 21	16 44.07	−18 7.6	1.483	2.336	16.4	21.1
5 1	16 40.05	−17 45.1	1.385	2.311	12.8	20.8
5 11	16 33.05	−17 18.8	1.308	2.285	8.4	20.5
5 21	16 23.69	−16 50.3	1.253	2.260	3.7	20.1
5 31	16 13.06	−16 22.5	1.224	2.234	3.2	20.0
6 10	16 2.60	−15 59.2	1.220	2.208	8.2	20.2
6 20	15 53.68	−15 44.0	1.239	2.182	13.3	20.4
6 30	15 47.41	−15 40.2	1.279	2.156	17.8	20.6

141010 2001 WT_{35} 5 27.3 137°.58 1°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.13	−18 25.2	2.594	3.423	11.0	20.9
5 1	16 36.17	−17 54.9	2.519	3.432	8.3	20.8
5 11	16 29.64	−17 22.1	2.467	3.440	5.3	20.6
5 21	16 22.07	−16 48.4	2.443	3.449	2.3	20.4
5 31	16 14.14	−16 15.6	2.448	3.457	2.1	20.4
6 10	16 6.59	−15 46.2	2.482	3.464	5.0	20.6
6 20	16 0.03	−15 22.2	2.543	3.472	8.0	20.8
6 30	15 54.97	−15 5.2	2.628	3.479	10.6	21.0

393071 2013 AZ_{83} 5 27.3 275°.52 0°.6/27.0 18

4 21	16 41.91	−19 53.7	2.185	3.019	12.5	21.0
5 1	16 37.32	−19 50.2	2.091	3.007	9.6	20.8
5 11	16 30.70	−19 44.1	2.019	2.994	6.2	20.6
5 21	16 22.59	−19 35.6	1.974	2.981	2.5	20.3
5 31	16 13.79	−19 26.1	1.956	2.968	1.7	20.2
6 10	16 5.25	−19 17.1	1.966	2.955	5.5	20.5
6 20	15 57.80	−19 10.7	2.003	2.941	9.2	20.7
6 30	15 52.17	−19 8.8	2.063	2.928	12.5	20.8

489525 2007 RG_{50} 5 27.3 312°.73 1°.2/26.8 16

4 21	16 40.93	−21 15.0	1.585	2.438	15.5	21.9
5 1	16 37.62	−20 41.3	1.473	2.399	12.1	21.6
5 11	16 31.50	−19 58.9	1.381	2.360	8.0	21.2
5 21	16 23.10	−19 8.8	1.313	2.320	3.2	20.8
5 31	16 13.41	−18 14.0	1.270	2.281	2.6	20.7
6 10	16 3.76	−17 19.5	1.252	2.242	7.7	20.9
6 20	15 55.45	−16 30.8	1.258	2.203	12.9	21.1
6 30	15 49.60	−15 53.2	1.285	2.165	17.5	21.2

66093 1998 SG 5 27.3 2°.04 7°.1/29.8 18

4 21	16 45.12	−37 30.5	1.650	2.460	17.0	17.8
5 1	16 40.85	−38 19.1	1.574	2.459	14.1	17.6
5 11	16 33.48	−38 52.1	1.518	2.459	10.9	17.4
5 21	16 23.78	−39 4.6	1.484	2.459	8.1	17.3
5 31	16 13.09	−38 54.2	1.474	2.460	7.1	17.2
6 10	16 2.95	−38 22.4	1.488	2.461	8.7	17.3
6 20	15 54.73	−37 34.8	1.526	2.463	11.7	17.5
6 30	15 49.40	−36 38.9	1.585	2.465	14.8	17.7

140436 2001 TW_{104} 5 27.3 307°.88 3°.5/28.3 17

4 21	16 44.49	−29 19.1	2.011	2.831	14.0	19.5
5 1	16 39.73	−30 1.3	1.920	2.822	11.1	19.3
5 11	16 32.48	−30 36.4	1.852	2.813	7.8	19.0
5 21	16 23.36	−31 1.6	1.808	2.804	4.6	18.8
5 31	16 13.34	−31 15.3	1.792	2.795	3.7	18.7
6 10	16 3.57	−31 17.8	1.802	2.787	6.3	18.9
6 20	15 55.15	−31 11.7	1.838	2.778	9.8	19.1
6 30	15 48.93	−31 0.7	1.897	2.770	13.0	19.3

517661 2015 BH_{544} 5 27.3 168°.20 0°.6/27.5 17

4 21	16 44.39	−22 51.7	1.914	2.748	14.0	21.7
5 1	16 39.43	−23 0.0	1.834	2.749	10.8	21.5
5 11	16 32.13	−23 3.5	1.776	2.749	7.0	21.3
5 21	16 23.16	−23 1.9	1.744	2.750	2.9	21.0
5 31	16 13.50	−22 55.7	1.738	2.750	1.6	20.9
6 10	16 4.25	−22 46.7	1.760	2.750	5.8	21.2
6 20	15 56.40	−22 37.3	1.808	2.751	9.7	21.4
6 30	15 50.68	−22 30.4	1.878	2.751	13.2	21.6

178723 2000 SM_{272} 5 27.3 202°.19 3°.9/29.0 18

4 21	16 44.58	−33 33.2	2.574	3.369	12.0	20.7
5 1	16 39.23	−34 1.6	2.484	3.367	9.7	20.5
5 11	16 31.86	−34 20.7	2.417	3.364	7.1	20.4
5 21	16 23.03	−34 28.3	2.376	3.361	4.7	20.2
5 31	16 13.58	−34 23.7	2.363	3.358	3.9	20.2
6 10	16 4.42	−34 7.7	2.378	3.355	5.6	20.3
6 20	15 56.40	−33 43.2	2.419	3.351	8.2	20.4
6 30	15 50.21	−33 13.9	2.485	3.347	10.7	20.6

443771 2015 ME_{57} 5 27.3 339°.53 7°.9/24.7 16

4 21	16 40.92	+ 0 53.3	2.054	2.873	13.8	20.5
5 1	16 36.43	+ 1 22.2	1.981	2.868	11.5	20.4
5 11	16 30.04	+ 1 39.0	1.929	2.864	9.3	20.2
5 21	16 22.31	+ 1 39.9	1.901	2.860	8.0	20.1
5 31	16 14.04	+ 1 22.1	1.898	2.856	8.2	20.1
6 10	16 6.11	+ 0 44.9	1.921	2.852	9.9	20.2
6 20	15 59.30	− 0 10.1	1.967	2.849	12.2	20.4
6 30	15 54.23	− 1 20.3	2.035	2.847	14.6	20.5

253677 2003 UH_{222} 5 27.3 144°.24 0°.5/27.5 17

4 21	16 46.70	−24 55.7	1.760	2.592	15.2	20.5
5 1	16 41.24	−24 30.5	1.686	2.600	11.6	20.3
5 11	16 33.27	−23 56.2	1.634	2.607	7.6	20.1
5 21	16 23.59	−23 13.5	1.607	2.613	3.1	19.8
5 31	16 13.30	−22 24.8	1.607	2.619	1.7	19.7
6 10	16 3.64	−21 34.3	1.634	2.625	6.2	20.0
6 20	15 55.61	−20 46.6	1.687	2.630	10.4	20.3
6 30	15 49.95	−20 6.1	1.763	2.634	14.0	20.5

147225 2002 XQ_{31} 5 27.3 287°.37 4°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.07	−32 15.3	1.646	2.470	16.4	19.7
5 1	16 41.70	−32 21.7	1.540	2.443	13.3	19.4
5 11	16 34.18	−32 13.8	1.455	2.415	9.6	19.2
5 21	16 24.18	−31 48.4	1.392	2.387	5.8	18.9
5 31	16 12.86	−31 4.3	1.354	2.359	4.3	18.7
6 10	16 1.76	−30 4.3	1.342	2.331	7.5	18.8
6 20	15 52.33	−28 54.6	1.355	2.302	12.0	19.0
6 30	15 45.70	−27 43.2	1.389	2.273	16.2	19.2

507419 2012 PW_{29} 5 27.3 273°.08 1°.3/27.7 17

4 21	16 44.47	−24 18.5	1.839	2.673	14.5	21.8
5 1	16 39.73	−24 31.9	1.751	2.666	11.2	21.5
5 11	16 32.47	−24 39.7	1.686	2.658	7.4	21.3
5 21	16 23.36	−24 40.9	1.645	2.650	3.3	21.0
5 31	16 13.40	−24 35.5	1.631	2.642	2.0	20.9
6 10	16 3.78	−24 25.2	1.644	2.634	6.1	21.2
6 20	15 55.58	−24 12.8	1.682	2.626	10.2	21.4
6 30	15 49.65	−24 1.9	1.742	2.619	13.9	21.6

141936 2002 PM_{95} 5 27.3 314°.90 1°.0/26.9 17

4 21	16 40.98	−21 0.7	1.303	2.167	17.5	19.7
5 1	16 38.00	−20 40.8	1.214	2.146	13.6	19.4
5 11	16 31.87	−20 14.0	1.145	2.126	8.9	19.0
5 21	16 23.27	−19 41.3	1.098	2.106	3.6	18.7
5 31	16 13.42	−19 5.6	1.075	2.087	2.5	18.5
6 10	16 3.88	−18 31.3	1.076	2.068	8.2	18.8
6 20	15 56.11	−18 3.5	1.098	2.050	13.6	19.0
6 30	15 51.23	−17 46.3	1.140	2.033	18.3	19.3

478284 2011 WM_{4} 5 27.3 215°.05 0°.9/27.9 18

4 21	16 42.18	−27 4.3	2.871	3.681	10.5	21.6
5 1	16 37.00	−26 34.5	2.773	3.673	8.1	21.4
5 11	16 30.21	−25 56.7	2.699	3.666	5.4	21.2
5 21	16 22.34	−25 11.6	2.653	3.657	2.4	21.0
5 31	16 14.05	−24 20.6	2.637	3.648	1.3	20.9
6 10	16 6.07	−23 26.5	2.651	3.639	4.3	21.1
6 20	15 59.04	−22 32.4	2.693	3.630	7.2	21.3
6 30	15 53.49	−21 41.7	2.760	3.620	9.9	21.4

423499 2005 TO_{149} 5 27.3 155°.13 0°.9/26.9 17

4 21	16 45.55	−19 24.2	2.186	3.013	12.8	22.3
5 1	16 39.88	−19 13.3	2.109	3.021	9.7	22.2
5 11	16 32.20	−18 59.6	2.055	3.028	6.2	22.0
5 21	16 23.15	−18 43.8	2.028	3.035	2.5	21.7
5 31	16 13.59	−18 27.5	2.030	3.041	1.9	21.7
6 10	16 4.47	−18 12.5	2.060	3.046	5.5	21.9
6 20	15 56.58	−18 1.0	2.117	3.051	9.0	22.2
6 30	15 50.58	−17 55.1	2.198	3.055	12.1	22.4

25484 1999 XL_{75} 5 27.3 310°.97 0°.4/27.2 17

4 21	16 43.21	−22 50.1	1.189	2.054	18.8	18.5
5 1	16 39.87	−22 24.9	1.111	2.043	14.6	18.2
5 11	16 33.11	−21 49.8	1.053	2.033	9.5	17.9
5 21	16 23.74	−21 5.6	1.015	2.023	3.8	17.5
5 31	16 13.19	−20 15.8	1.001	2.013	2.4	17.4
6 10	16 3.18	−19 26.2	1.011	2.004	8.4	17.7
6 20	15 55.25	−18 43.0	1.042	1.995	14.0	18.0
6 30	15 50.47	−18 11.8	1.092	1.987	18.8	18.2

348060 2003 UT_{257} 5 27.3 274°.13 0°.1/27.3 18

4 21	16 44.98	−20 21.8	2.059	2.891	13.3	20.9
5 1	16 39.97	−20 35.9	1.955	2.869	10.3	20.7
5 11	16 32.61	−20 48.2	1.873	2.846	6.7	20.4
5 21	16 23.45	−20 58.3	1.817	2.824	2.7	20.1
5 31	16 13.34	−21 6.2	1.789	2.801	1.6	20.0
6 10	16 3.36	−21 12.8	1.789	2.778	5.9	20.2
6 20	15 54.51	−21 19.8	1.815	2.754	9.9	20.4
6 30	15 47.67	−21 29.2	1.864	2.731	13.5	20.6

99530 2002 EN_{86} 5 27.3 357°.84 1°.8/27.7 18

4 21	16 43.04	−23 31.7	1.162	2.028	19.1	18.7
5 1	16 39.81	−24 2.0	1.094	2.025	14.8	18.5
5 11	16 33.10	−24 26.9	1.044	2.023	9.8	18.2
5 21	16 23.74	−24 44.3	1.015	2.022	4.3	17.8
5 31	16 13.20	−24 53.2	1.010	2.021	2.7	17.7
6 10	16 3.27	−24 55.2	1.027	2.022	8.0	18.1
6 20	15 55.48	−24 53.9	1.066	2.024	13.3	18.3
6 30	15 50.95	−24 53.7	1.124	2.026	17.9	18.6

522832 2016 NZ_{82} 5 27.3 171°.01 1°.1/26.6 17

4 21	16 41.63	−20 9.1	2.581	3.407	11.1	21.7
5 1	16 36.62	−19 30.7	2.497	3.410	8.4	21.5
5 11	16 29.98	−18 47.9	2.439	3.412	5.4	21.3
5 21	16 22.25	−18 2.6	2.408	3.414	2.2	21.1
5 31	16 14.14	−17 17.1	2.406	3.416	1.9	21.1
6 10	16 6.38	−16 34.1	2.433	3.417	5.0	21.3
6 20	15 59.63	−15 56.2	2.488	3.418	8.1	21.5
6 30	15 54.41	−15 25.8	2.567	3.418	10.8	21.7

343136 2009 FF_{24} 5 27.3 89°.12 4°.7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.70	−33 30.0	2.130	2.933	13.9	20.5
5 1	16 41.24	−34 17.6	2.053	2.939	11.2	20.3
5 11	16 33.34	−34 55.0	1.998	2.946	8.3	20.1
5 21	16 23.68	−35 19.0	1.968	2.952	5.6	20.0
5 31	16 13.27	−35 27.8	1.965	2.959	4.8	19.9
6 10	16 3.27	−35 22.4	1.989	2.965	6.6	20.1
6 20	15 54.71	−35 5.7	2.039	2.971	9.4	20.2
6 30	15 48.39	−34 42.4	2.112	2.978	12.2	20.4

352562 2008 DG_{1} 5 27.3 135°.76 0°.3/27.1 17

4 21	16 42.23	−21 7.3	2.731	3.553	10.7	22.9
5 1	16 36.97	−20 55.5	2.656	3.565	8.1	22.7
5 11	16 30.16	−20 40.3	2.605	3.577	5.2	22.6
5 21	16 22.32	−20 22.4	2.581	3.588	2.0	22.4
5 31	16 14.12	−20 2.9	2.587	3.599	1.3	22.3
6 10	16 6.29	−19 43.6	2.622	3.609	4.4	22.6
6 20	15 59.43	−19 26.4	2.685	3.619	7.4	22.8
6 30	15 54.05	−19 13.2	2.772	3.628	9.9	23.0

332288 2006 TE_{17} 5 27.3 277°.95 0°.5/27.6 18

4 21	16 38.37	−23 35.4	3.353	4.171	9.0	20.9
5 1	16 34.02	−23 34.2	3.243	4.149	6.9	20.8
5 11	16 28.31	−23 29.2	3.158	4.127	4.5	20.6
5 21	16 21.63	−23 20.7	3.100	4.105	1.9	20.4
5 31	16 14.50	−23 9.1	3.072	4.083	1.1	20.3
6 10	16 7.50	−22 55.6	3.072	4.061	3.8	20.4
6 20	16 1.18	−22 41.7	3.101	4.039	6.4	20.6
6 30	15 56.01	−22 29.1	3.156	4.016	8.7	20.7

283560 2001 VF_{56} 5 27.3 231°.35 1°.0/26.2 17

4 21	16 33.95	−18 11.5	4.664	5.485	6.6	20.6
5 1	16 30.19	−17 32.7	4.571	5.481	5.0	20.5
5 11	16 25.62	−16 52.0	4.505	5.477	3.2	20.4
5 21	16 20.50	−16 10.7	4.468	5.472	1.5	20.2
5 31	16 15.20	−15 30.0	4.461	5.468	1.4	20.2
6 10	16 10.05	−14 51.6	4.485	5.464	3.1	20.4
6 20	16 5.39	−14 16.6	4.537	5.459	4.9	20.5
6 30	16 1.50	−13 46.2	4.616	5.455	6.6	20.6

379968 2012 QO_{40} 5 27.3 284°.16 6°.0/25.3 18

4 21	16 42.89	− 6 22.1	1.841	2.678	14.4	19.8
5 1	16 38.33	− 5 54.8	1.754	2.663	11.6	19.6
5 11	16 31.50	− 5 34.5	1.688	2.647	8.6	19.3
5 21	16 23.00	− 5 24.9	1.646	2.632	6.3	19.2
5 31	16 13.69	− 5 29.2	1.631	2.617	6.5	19.1
6 10	16 4.65	− 5 49.0	1.641	2.602	9.1	19.3
6 20	15 56.84	− 6 24.3	1.675	2.586	12.4	19.4
6 30	15 51.03	− 7 13.8	1.731	2.571	15.6	19.6

141111 2001 XR_{64} 5 27.3 241°.99 0°.7/26.9 18

4 21	16 42.09	−19 54.5	2.955	3.774	10.0	21.0
5 1	16 36.95	−19 41.0	2.847	3.755	7.7	20.8
5 11	16 30.25	−19 24.6	2.764	3.735	4.9	20.6
5 21	16 22.41	−19 5.9	2.708	3.715	2.0	20.3
5 31	16 14.05	−18 46.0	2.683	3.693	1.5	20.3
6 10	16 5.85	−18 26.7	2.687	3.672	4.5	20.5
6 20	15 58.45	−18 9.7	2.719	3.649	7.4	20.6
6 30	15 52.39	−17 56.8	2.776	3.626	10.1	20.8

309713 2008 GY_{64} 5 27.3 129°.27 4°.0/25.2 16

4 21	16 39.53	−10 34.8	2.410	3.244	11.5	21.5
5 1	16 35.10	− 9 52.0	2.336	3.247	9.0	21.3
5 11	16 29.05	− 9 11.4	2.285	3.250	6.3	21.1
5 21	16 21.92	− 8 35.8	2.260	3.252	4.2	21.0
5 31	16 14.38	− 8 7.9	2.263	3.255	4.5	21.0
6 10	16 7.19	− 7 49.9	2.294	3.258	6.7	21.2
6 20	16 0.97	− 7 43.0	2.350	3.260	9.4	21.3
6 30	15 56.27	− 7 47.5	2.430	3.262	11.9	21.5

317524 2002 TK_{184} 5 27.3 260°.98 4°.2/29.5 18

4 21	16 42.50	−36 5.1	2.874	3.658	11.1	20.8
5 1	16 37.56	−36 27.8	2.775	3.647	9.1	20.6
5 11	16 30.77	−36 40.5	2.698	3.636	6.9	20.5
5 21	16 22.65	−36 41.5	2.647	3.624	4.9	20.3
5 31	16 13.92	−36 29.9	2.624	3.612	4.2	20.3
6 10	16 5.44	−36 6.7	2.629	3.601	5.5	20.3
6 20	15 57.96	−35 34.5	2.660	3.589	7.7	20.4
6 30	15 52.11	−34 56.9	2.717	3.577	10.0	20.6

147230 2002 XU_{43} 5 27.3 279°.24 0°.7/27.5 18

4 21	16 46.02	−22 9.0	1.650	2.490	15.6	19.6
5 1	16 41.34	−22 30.1	1.555	2.474	12.1	19.4
5 11	16 33.79	−22 48.0	1.482	2.457	8.0	19.1
5 21	16 24.01	−23 1.4	1.433	2.440	3.3	18.7
5 31	16 13.08	−23 10.0	1.411	2.423	1.9	18.6
6 10	16 2.36	−23 14.6	1.414	2.405	6.8	18.9
6 20	15 53.14	−23 17.5	1.442	2.388	11.5	19.1
6 30	15 46.45	−23 22.0	1.492	2.371	15.6	19.3

153801 2001 VV_{106} 5 27.3 300°.79 1°.2/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.52	−24 24.8	1.663	2.504	15.5	20.0
5 1	16 39.97	−24 33.1	1.582	2.499	12.0	19.8
5 11	16 32.73	−24 34.9	1.522	2.495	7.9	19.6
5 21	16 23.51	−24 29.2	1.486	2.491	3.4	19.3
5 31	16 13.43	−24 16.5	1.475	2.487	2.0	19.2
6 10	16 3.78	−23 59.1	1.491	2.483	6.5	19.4
6 20	15 55.72	−23 40.4	1.532	2.479	10.8	19.7
6 30	15 50.12	−23 24.3	1.595	2.476	14.7	19.9

349415 2007 YH_{68} 5 27.3 218°.45 4°.5/25.3 18

4 21	16 41.55	− 7 12.8	2.506	3.330	11.4	20.8
5 1	16 36.64	− 6 48.2	2.421	3.324	9.1	20.6
5 11	16 30.07	− 6 28.4	2.360	3.317	6.6	20.5
5 21	16 22.34	− 6 15.8	2.325	3.310	4.8	20.3
5 31	16 14.13	− 6 12.6	2.318	3.303	4.9	20.3
6 10	16 6.18	− 6 20.1	2.339	3.296	7.0	20.5
6 20	15 59.16	− 6 38.6	2.386	3.288	9.6	20.6
6 30	15 53.62	− 7 7.7	2.456	3.280	12.0	20.8

416366 2003 SR_{418} 5 27.3 165°.98 2°.6/26.4 17

4 21	16 47.10	−14 54.5	1.983	2.814	13.8	22.3
5 1	16 41.23	−14 38.9	1.907	2.820	10.6	22.1
5 11	16 33.17	−14 23.7	1.853	2.824	6.9	21.9
5 21	16 23.59	−14 10.5	1.826	2.828	3.4	21.7
5 31	16 13.41	−14 1.1	1.826	2.832	3.2	21.7
6 10	16 3.68	−13 57.3	1.855	2.835	6.6	21.9
6 20	15 55.30	−14 0.7	1.909	2.837	10.3	22.1
6 30	15 48.96	−14 12.2	1.987	2.838	13.5	22.3

127534 2002 WR_{17} 5 27.3 64°.31 3°.2/24.7 18

4 21	16 33.44	− 5 29.0	4.302	5.118	7.2	19.5
5 1	16 29.86	− 5 8.1	4.225	5.121	5.7	19.4
5 11	16 25.43	− 4 50.7	4.174	5.124	4.3	19.3
5 21	16 20.45	− 4 38.4	4.151	5.127	3.3	19.3
5 31	16 15.27	− 4 32.2	4.156	5.130	3.5	19.3
6 10	16 10.24	− 4 33.0	4.189	5.133	4.6	19.4
6 20	16 5.71	− 4 40.9	4.249	5.137	6.1	19.5
6 30	16 1.96	− 4 55.9	4.334	5.140	7.5	19.6

350958 2003 AM_{30} 5 27.3 152°.15 4°.2/25.3 18

4 21	16 41.02	− 9 5.6	2.365	3.195	11.8	20.6
5 1	16 36.26	− 8 34.2	2.290	3.198	9.3	20.4
5 11	16 29.81	− 8 6.5	2.239	3.202	6.6	20.3
5 21	16 22.23	− 7 45.1	2.215	3.205	4.5	20.2
5 31	16 14.22	− 7 32.4	2.218	3.208	4.7	20.2
6 10	16 6.55	− 7 29.8	2.248	3.210	6.9	20.3
6 20	15 59.90	− 7 38.2	2.304	3.213	9.6	20.5
6 30	15 54.81	− 7 57.4	2.384	3.215	12.1	20.7

317582 2002 WL_{15} 5 27.3 226°.98 3°.4/25.8 18

4 21	16 44.19	−14 34.5	1.912	2.751	13.9	21.0
5 1	16 39.22	−13 52.7	1.825	2.742	10.7	20.8
5 11	16 32.00	−13 9.8	1.761	2.733	7.2	20.5
5 21	16 23.17	−12 28.6	1.723	2.724	4.0	20.3
5 31	16 13.65	−11 52.4	1.712	2.714	4.1	20.3
6 10	16 4.48	−11 24.7	1.727	2.703	7.4	20.5
6 20	15 56.59	−11 7.9	1.768	2.692	11.1	20.7
6 30	15 50.73	−11 3.6	1.832	2.681	14.5	20.9

237200 2008 US_{265} 5 27.3 105°.41 1°.9/28.1 17

4 21	16 44.91	−27 26.2	2.037	2.859	13.7	21.6
5 1	16 39.64	−27 27.1	1.964	2.870	10.6	21.4
5 11	16 32.16	−27 19.4	1.914	2.881	7.1	21.2
5 21	16 23.18	−27 2.7	1.890	2.892	3.5	21.0
5 31	16 13.68	−26 37.6	1.893	2.902	2.2	21.0
6 10	16 4.69	−26 6.9	1.923	2.913	5.5	21.2
6 20	15 57.13	−25 34.0	1.980	2.923	9.0	21.4
6 30	15 51.66	−25 2.9	2.060	2.933	12.2	21.6

380638 2004 XK_{23} 5 27.3 258°.22 1°.8/28.2 18

4 21	16 45.77	−28 29.8	2.292	3.104	12.7	21.0
5 1	16 40.39	−28 14.5	2.180	3.080	10.0	20.8
5 11	16 32.78	−27 49.1	2.091	3.055	6.8	20.5
5 21	16 23.51	−27 13.0	2.028	3.030	3.4	20.3
5 31	16 13.45	−26 26.8	1.994	3.004	2.1	20.1
6 10	16 3.60	−25 33.5	1.989	2.977	5.4	20.3
6 20	15 54.93	−24 37.1	2.010	2.950	9.1	20.5
6 30	15 48.20	−23 42.5	2.057	2.922	12.5	20.6

123133 2000 TH_{13} 5 27.3 334°.97 3°.6/25.5 17

4 21	16 38.70	−14 28.1	1.836	2.687	13.8	19.4
5 1	16 35.10	−13 38.6	1.755	2.678	10.7	19.1
5 11	16 29.37	−12 47.8	1.695	2.670	7.2	18.9
5 21	16 22.14	−11 59.2	1.661	2.662	4.1	18.7
5 31	16 14.29	−11 16.7	1.653	2.654	4.4	18.7
6 10	16 6.80	−10 44.1	1.670	2.647	7.6	18.9
6 20	16 0.55	−10 24.0	1.712	2.640	11.2	19.1
6 30	15 56.24	−10 17.5	1.776	2.634	14.5	19.3

498416 2008 AA_{15} 5 27.3 170°.73 4°.9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.26	−10 19.4	1.765	2.604	14.8	21.7
5 1	16 40.05	− 9 43.5	1.692	2.606	11.6	21.5
5 11	16 32.52	− 9 11.3	1.642	2.608	8.1	21.3
5 21	16 23.37	− 8 45.9	1.616	2.610	5.3	21.2
5 31	16 13.58	− 8 30.8	1.616	2.611	5.4	21.2
6 10	16 4.27	− 8 28.3	1.643	2.612	8.4	21.3
6 20	15 56.38	− 8 39.1	1.694	2.612	11.9	21.6
6 30	15 50.64	− 9 3.2	1.767	2.612	15.1	21.8

182948 2002 GJ_{123} 5 27.3 229°.48 2°.9/25.5 18

4 21	16 39.23	−13 48.0	2.616	3.448	10.8	20.1
5 1	16 34.82	−13 3.0	2.530	3.443	8.3	19.9
5 11	16 28.88	−12 17.6	2.468	3.438	5.6	19.7
5 21	16 21.88	−11 34.1	2.433	3.432	3.3	19.5
5 31	16 14.46	−10 55.1	2.427	3.426	3.5	19.5
6 10	16 7.32	−10 23.4	2.450	3.420	5.9	19.7
6 20	16 1.08	−10 0.6	2.498	3.414	8.6	19.8
6 30	15 56.25	− 9 48.0	2.571	3.408	11.2	20.0

285876 2001 OM_{3} 5 27.3 240°.57 6°.7/29.4 17

4 21	16 49.90	−35 22.3	1.450	2.269	18.5	20.4
5 1	16 44.99	−36 4.3	1.369	2.263	15.2	20.2
5 11	16 36.45	−36 30.7	1.308	2.258	11.4	20.0
5 21	16 25.12	−36 36.0	1.268	2.252	8.0	19.7
5 31	16 12.50	−36 16.8	1.251	2.246	6.7	19.6
6 10	16 0.45	−35 35.2	1.260	2.240	9.0	19.8
6 20	15 50.61	−34 38.1	1.291	2.234	12.8	20.0
6 30	15 44.12	−33 34.6	1.344	2.227	16.7	20.2

297935 2002 EB_{130} 5 27.3 102°.69 9°.3/21.0 18

4 21	16 40.20	+10 12.1	2.702	3.472	12.1	21.1
5 1	16 35.30	+11 35.1	2.662	3.493	10.7	21.0
5 11	16 29.02	+12 43.9	2.645	3.513	9.7	21.0
5 21	16 21.88	+13 34.2	2.653	3.533	9.3	21.0
5 31	16 14.49	+14 2.9	2.684	3.553	9.7	21.0
6 10	16 7.51	+14 9.3	2.739	3.572	10.6	21.1
6 20	16 1.46	+13 54.5	2.816	3.591	11.9	21.2
6 30	15 56.78	+13 21.0	2.911	3.610	13.1	21.4

494294 2016 RP_{29} 5 27.3 226°.53 1°.9/26.2 18 R

4 21	16 40.24	−16 3.6	2.780	3.608	10.3	22.1
5 1	16 35.56	−15 39.1	2.687	3.599	7.9	21.9
5 11	16 29.34	−15 13.5	2.618	3.590	5.2	21.7
5 21	16 22.07	−14 48.3	2.577	3.580	2.5	21.5
5 31	16 14.35	−14 25.2	2.565	3.570	2.4	21.5
6 10	16 6.86	−14 6.2	2.581	3.560	5.1	21.6
6 20	16 0.21	−13 52.9	2.625	3.549	7.9	21.8
6 30	15 54.93	−13 46.4	2.693	3.539	10.5	22.0

93077 2000 SM_{28} 5 27.3 87°.88 5°.4/29.9 18

4 21	16 47.96	−36 41.6	1.816	2.617	16.0	19.6
5 1	16 42.44	−36 54.6	1.748	2.631	13.0	19.4
5 11	16 34.16	−36 51.2	1.700	2.644	9.7	19.2
5 21	16 24.01	−36 28.8	1.675	2.657	6.7	19.0
5 31	16 13.25	−35 47.2	1.676	2.670	5.5	19.0
6 10	16 3.24	−34 49.9	1.703	2.683	7.2	19.1
6 20	15 55.10	−33 43.2	1.756	2.695	10.2	19.3
6 30	15 49.57	−32 34.2	1.832	2.708	13.3	19.6

276852 2004 RK_{91} 5 27.3 332°.75 2°.1/26.5 17

4 21	16 38.85	−19 24.9	1.337	2.204	17.0	20.1
5 1	16 36.14	−18 48.5	1.255	2.189	13.1	19.9
5 11	16 30.54	−18 5.7	1.193	2.174	8.5	19.6
5 21	16 22.75	−17 19.2	1.153	2.161	3.7	19.2
5 31	16 13.96	−16 33.2	1.138	2.148	3.2	19.2
6 10	16 5.59	−15 52.9	1.146	2.136	8.2	19.4
6 20	15 58.91	−15 22.9	1.176	2.125	13.2	19.7
6 30	15 54.88	−15 6.6	1.225	2.115	17.6	19.9

247946 2003 YE_{20} 5 27.3 309°.53 5°.4/ 1.7 18

4 21	16 40.80	−49 45.5	4.336	5.032	8.9	20.1
5 1	16 35.83	−49 58.3	4.241	5.027	7.8	20.0
5 11	16 29.44	−49 59.5	4.168	5.023	6.7	19.9
5 21	16 22.10	−49 47.4	4.118	5.019	5.8	19.8
5 31	16 14.41	−49 21.5	4.095	5.015	5.4	19.8
6 10	16 7.04	−48 42.7	4.097	5.010	5.6	19.8
6 20	16 0.54	−47 53.1	4.126	5.006	6.4	19.9
6 30	15 55.40	−46 55.6	4.180	5.002	7.5	19.9

279593 2011 EL_{8} 5 27.3 13°.23 1°.1/27.6 17

4 21	16 42.67	−23 39.5	1.395	2.250	17.1	20.7
5 1	16 38.90	−23 49.2	1.327	2.253	13.2	20.4
5 11	16 32.19	−23 52.4	1.279	2.256	8.6	20.2
5 21	16 23.35	−23 48.4	1.253	2.259	3.6	19.9
5 31	16 13.66	−23 37.9	1.252	2.264	2.1	19.8
6 10	16 4.58	−23 23.4	1.275	2.269	7.0	20.1
6 20	15 57.34	−23 8.8	1.322	2.275	11.7	20.4
6 30	15 52.82	−22 57.9	1.390	2.282	15.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
327166 2005 JR_{38}			5 27.3 306°.64	0°.7/27.5 17		
	h m	° ′			°	m
4 21	16 43.11	−23 0.2	1.400	2.255	17.1	21.1
5 1	16 39.61	−23 6.5	1.307	2.233	13.3	20.8
5 11	16 32.97	−23 6.9	1.234	2.212	8.8	20.5
5 21	16 23.81	−23 0.4	1.183	2.190	3.7	20.1
5 31	16 13.32	−22 47.7	1.157	2.169	2.1	19.9
6 10	16 3.06	−22 31.0	1.155	2.148	7.6	20.2
6 20	15 54.48	−22 14.4	1.175	2.128	12.8	20.4
6 30	15 48.76	−22 2.3	1.216	2.108	17.5	20.7
232414 2003 EH_{9}			5 27.3 10°.47	2°.3/28.1 17		
4 21	16 41.48	−27 13.8	1.043	1.914	20.5	19.4
5 1	16 38.85	−27 9.4	0.982	1.915	16.0	19.1
5 11	16 32.55	−26 50.7	0.939	1.917	10.7	18.9
5 21	16 23.57	−26 17.0	0.915	1.921	5.0	18.5
5 31	16 13.56	−25 30.5	0.914	1.925	2.9	18.4
6 10	16 4.41	−24 37.1	0.934	1.931	8.3	18.8
6 20	15 57.65	−23 44.6	0.976	1.938	13.7	19.1
6 30	15 54.29	−22 59.9	1.036	1.945	18.4	19.4
79685 1998 SN_{55}			5 27.3 201°.69	1°.3/27.8 18		
4 21	16 47.09	−25 15.5	2.037	2.860	13.7	20.4
5 1	16 41.48	−25 19.1	1.949	2.856	10.7	20.2
5 11	16 33.50	−25 16.0	1.883	2.852	7.0	20.0
5 21	16 23.82	−25 5.3	1.842	2.847	3.1	19.7
5 31	16 13.40	−24 47.4	1.830	2.841	1.9	19.6
6 10	16 3.35	−24 24.5	1.846	2.835	5.7	19.9
6 20	15 54.67	−23 59.9	1.888	2.829	9.5	20.1
6 30	15 48.12	−23 37.1	1.954	2.821	13.0	20.3
75330 1999 XF_{53}			5 27.3 131°.42	0°.4/27.2 17		
4 21	16 46.11	−22 19.8	1.728	2.565	15.2	20.4
5 1	16 40.83	−21 55.6	1.656	2.574	11.6	20.2
5 11	16 33.07	−21 24.7	1.607	2.581	7.4	19.9
5 21	16 23.62	−20 48.3	1.582	2.589	2.9	19.7
5 31	16 13.56	−20 8.8	1.584	2.596	1.8	19.6
6 10	16 4.10	−19 30.0	1.613	2.603	6.4	19.9
6 20	15 56.25	−18 55.7	1.668	2.609	10.5	20.2
6 30	15 50.73	−18 29.4	1.745	2.615	14.1	20.4
429285 2010 CX_{144}			5 27.3 139°.80	4°.5/25.2 18		
4 21	16 43.20	− 8 41.5	2.329	3.155	12.1	22.1
5 1	16 37.87	− 8 1.8	2.262	3.167	9.5	21.9
5 11	16 30.83	− 7 25.9	2.218	3.178	6.8	21.7
5 21	16 22.66	− 6 56.7	2.200	3.188	4.8	21.6
5 31	16 14.12	− 6 36.9	2.211	3.198	5.0	21.7
6 10	16 5.99	− 6 28.2	2.249	3.207	7.2	21.8
6 20	15 58.94	− 6 31.4	2.313	3.216	9.8	22.0
6 30	15 53.53	− 6 46.2	2.401	3.225	12.3	22.2
442052 2010 RF_{53}			5 27.3 331°.27	3°.9/28.7 18		
4 21	16 39.63	−30 22.2	1.634	2.473	15.8	20.1
5 1	16 36.65	−30 41.9	1.538	2.450	12.7	19.8
5 11	16 30.88	−30 50.6	1.461	2.427	9.0	19.6
5 21	16 22.93	−30 45.8	1.408	2.405	5.3	19.3
5 31	16 13.88	−30 26.6	1.379	2.385	4.0	19.2
6 10	16 5.08	−29 54.9	1.375	2.365	7.1	19.3
6 20	15 57.82	−29 15.2	1.394	2.346	11.3	19.5
6 30	15 53.10	−28 33.4	1.435	2.328	15.2	19.7
123417 2000 WN_{103}			5 27.3 189°.78	3°.4/25.6 18		
4 21	16 43.16	−12 49.5	2.300	3.130	12.1	21.1
5 1	16 37.99	−12 10.2	2.218	3.129	9.4	20.9
5 11	16 31.01	−11 31.4	2.160	3.128	6.4	20.7
5 21	16 22.78	−10 55.8	2.128	3.125	3.8	20.6
5 31	16 14.04	−10 25.9	2.125	3.123	4.0	20.6
6 10	16 5.66	−10 4.4	2.149	3.120	6.6	20.7
6 20	15 58.35	− 9 52.9	2.200	3.116	9.7	20.9
6 30	15 52.71	− 9 52.2	2.275	3.112	12.4	21.1
333871 1997 EP_{31}			5 27.3 334°.34	4°.7/28.8 18		
4 21	16 45.04	−32 1.5	1.736	2.558	15.8	20.3
5 1	16 40.56	−32 39.4	1.654	2.554	12.7	20.1
5 11	16 33.24	−33 6.4	1.592	2.549	9.2	19.9
5 21	16 23.80	−33 19.2	1.554	2.545	5.9	19.7
5 31	16 13.41	−33 15.9	1.542	2.542	4.8	19.6
6 10	16 3.43	−32 57.9	1.555	2.539	7.2	19.7
6 20	15 55.12	−32 29.3	1.592	2.536	10.8	19.9
6 30	15 49.39	−31 55.9	1.652	2.533	14.3	20.1
227586 2006 AC_{9}			5 27.3 104°.25	0°.3/27.2 18		
4 21	16 47.57	−19 0.0	1.944	2.774	14.0	20.2
5 1	16 41.70	−19 25.3	1.874	2.787	10.7	20.0
5 11	16 33.55	−19 49.8	1.827	2.800	6.9	19.8
5 21	16 23.80	−20 12.7	1.806	2.813	2.7	19.5
5 31	16 13.45	−20 33.7	1.813	2.825	1.6	19.5
6 10	16 3.58	−20 53.4	1.849	2.837	5.8	19.8
6 20	15 55.14	−21 12.8	1.911	2.849	9.6	20.0
6 30	15 48.83	−21 33.5	1.996	2.861	12.8	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
199258 2006 BN_{11}			5 27.3 340°.10	8°.8/31.2 17		
	h m	° ′			°	m
4 21	16 46.95	−42 52.7	1.694	2.479	17.6	19.7
5 1	16 42.50	−43 36.4	1.614	2.475	15.0	19.5
5 11	16 34.71	−44 0.3	1.552	2.471	12.3	19.4
5 21	16 24.42	−43 58.6	1.511	2.467	9.9	19.2
5 31	16 13.06	−43 28.3	1.494	2.464	8.8	19.1
6 10	16 2.34	−42 31.5	1.501	2.461	9.8	19.2
6 20	15 53.72	−41 14.8	1.530	2.458	12.3	19.3
6 30	15 48.20	−39 47.5	1.582	2.456	15.1	19.5
292839 2006 UH_{285}			5 27.3 218°.20	1°.0/26.8 18		
4 21	16 41.32	−19 29.3	2.541	3.370	11.2	21.3
5 1	16 36.54	−19 8.5	2.451	3.364	8.5	21.1
5 11	16 30.07	−18 44.7	2.385	3.358	5.5	20.9
5 21	16 22.41	−18 18.9	2.345	3.352	2.2	20.6
5 31	16 14.26	−17 52.7	2.335	3.345	1.8	20.6
6 10	16 6.40	−17 28.3	2.353	3.338	5.0	20.8
6 20	15 59.50	−17 7.9	2.398	3.331	8.2	21.0
6 30	15 54.14	−16 53.2	2.467	3.324	11.0	21.2
483127 2015 OS_{10}			5 27.3 285°.58	1°.8/28.1 16		
4 21	16 41.92	−27 2.0	2.330	3.152	12.3	22.0
5 1	16 37.39	−27 10.2	2.232	3.137	9.6	21.8
5 11	16 30.82	−27 11.6	2.156	3.123	6.5	21.5
5 21	16 22.77	−27 5.3	2.106	3.108	3.2	21.3
5 31	16 14.03	−26 51.6	2.084	3.094	2.1	21.2
6 10	16 5.52	−26 31.9	2.090	3.079	5.2	21.4
6 20	15 58.10	−26 9.0	2.122	3.065	8.5	21.6
6 30	15 52.48	−25 46.1	2.179	3.050	11.6	21.7
338548 2003 SR_{40}			5 27.3 268°.62	3°.4/25.4 17		
4 21	16 42.22	−15 39.6	2.069	2.907	13.0	20.4
5 1	16 37.66	−14 36.3	1.970	2.887	10.0	20.1
5 11	16 31.02	−13 28.9	1.895	2.867	6.7	19.9
5 21	16 22.87	−12 20.7	1.846	2.846	3.8	19.7
5 31	16 14.01	−11 16.0	1.825	2.825	4.1	19.6
6 10	16 5.42	−10 19.4	1.831	2.804	7.3	19.8
6 20	15 57.96	− 9 34.6	1.863	2.783	10.9	20.0
6 30	15 52.34	− 9 4.0	1.918	2.761	14.2	20.1
314178 2005 GV_{120}			5 27.3 346°.09	1°.3/27.7 17		
4 21	16 40.51	−24 34.8	1.173	2.041	18.8	20.6
5 1	16 37.89	−24 37.4	1.100	2.033	14.6	20.3
5 11	16 31.92	−24 30.8	1.046	2.025	9.7	20.0
5 21	16 23.39	−24 14.3	1.012	2.019	4.2	19.6
5 31	16 13.71	−23 49.0	1.002	2.014	2.4	19.5
6 10	16 4.60	−23 19.1	1.014	2.010	7.9	19.8
6 20	15 57.54	−22 49.7	1.047	2.007	13.3	20.1
6 30	15 53.61	−22 26.3	1.100	2.005	18.0	20.4
508937 2004 RW_{98}			5 27.3 267°.36	1°.0/26.9 18		
4 21	16 43.98	−20 29.9	1.973	2.809	13.6	21.6
5 1	16 39.25	−20 5.3	1.871	2.788	10.5	21.4
5 11	16 32.19	−19 35.3	1.791	2.766	6.8	21.1
5 21	16 23.37	−19 1.1	1.737	2.744	2.8	20.8
5 31	16 13.71	−18 24.8	1.711	2.722	2.1	20.7
6 10	16 4.27	−17 49.5	1.712	2.699	6.3	20.9
6 20	15 56.04	−17 18.8	1.738	2.676	10.4	21.1
6 30	15 49.86	−16 55.9	1.788	2.652	14.1	21.3
398792 2013 AL_{134}			5 27.3 90°.47	2°.0/26.6 17		
4 21	16 42.25	−15 3.8	2.309	3.141	12.0	21.8
5 1	16 37.31	−15 2.7	2.235	3.149	9.2	21.6
5 11	16 30.58	−15 2.6	2.184	3.156	6.0	21.5
5 21	16 22.63	−15 4.4	2.160	3.164	2.8	21.3
5 31	16 14.21	−15 9.2	2.164	3.171	2.6	21.3
6 10	16 6.15	−15 17.9	2.197	3.179	5.6	21.5
6 20	15 59.17	−15 31.4	2.255	3.186	8.7	21.7
6 30	15 53.86	−15 50.4	2.338	3.194	11.5	21.9
262803 2006 YZ_{53}			5 27.3 230°.54	7°.1/23.6 18		
4 21	16 40.12	+ 2 1.4	2.667	3.469	11.4	21.0
5 1	16 35.46	+ 2 43.4	2.588	3.462	9.6	20.9
5 11	16 29.31	+ 3 16.1	2.532	3.454	8.0	20.8
5 21	16 22.12	+ 3 35.9	2.502	3.446	7.1	20.7
5 31	16 14.51	+ 3 40.1	2.498	3.438	7.4	20.7
6 10	16 7.14	+ 3 27.6	2.520	3.430	8.8	20.8
6 20	16 0.62	+ 2 58.7	2.566	3.422	10.6	20.9
6 30	15 55.46	+ 2 15.0	2.635	3.413	12.5	21.0
268039 2004 PD_{91}			5 27.3 340°.39	4°.3/28.9 18		
4 21	16 42.76	−31 50.0	1.468	2.305	17.4	19.9
5 1	16 39.20	−32 2.3	1.388	2.298	13.9	19.6
5 11	16 32.55	−32 0.1	1.327	2.291	9.9	19.4
5 21	16 23.59	−31 40.8	1.289	2.285	5.9	19.1
5 31	16 13.63	−31 4.1	1.275	2.280	4.5	19.0
6 10	16 4.22	−30 13.6	1.285	2.275	7.5	19.2
6 20	15 56.70	−29 15.7	1.318	2.271	11.7	19.4
6 30	15 52.03	−28 17.5	1.373	2.268	15.7	19.6

68574 2001 YG_{27} 5 27.3 347°.95 1°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.16	−25 44.1	1.472	2.321	16.7	19.2
5 1	16 38.47	−25 32.5	1.395	2.317	12.9	18.9
5 11	16 31.92	−25 10.6	1.338	2.314	8.5	18.6
5 21	16 23.30	−24 38.5	1.305	2.311	3.7	18.3
5 31	16 13.82	−23 58.1	1.296	2.308	2.1	18.2
6 10	16 4.88	−23 13.6	1.312	2.306	6.9	18.5
6 20	15 57.70	−22 30.1	1.352	2.305	11.5	18.8
6 30	15 53.16	−21 52.8	1.413	2.304	15.6	19.0

126184 2002 AS_{19} 5 27.3 177°.24 0°.4/27.5 18

4 21	16 45.71	−22 21.2	1.932	2.764	14.0	20.1
5 1	16 40.47	−22 29.4	1.851	2.765	10.8	19.9
5 11	16 32.89	−22 33.3	1.793	2.766	7.0	19.7
5 21	16 23.62	−22 32.5	1.760	2.766	2.8	19.4
5 31	16 13.65	−22 27.5	1.754	2.766	1.6	19.3
6 10	16 4.08	−22 19.9	1.776	2.766	5.8	19.6
6 20	15 55.90	−22 12.2	1.824	2.766	9.7	19.9
6 30	15 49.86	−22 7.2	1.895	2.765	13.2	20.1

315242 2007 RB_{291} 5 27.3 142°.18 1°.1/26.9 17

4 21	16 47.38	−19 37.6	1.770	2.606	14.9	22.3
5 1	16 41.74	−19 21.1	1.699	2.616	11.4	22.0
5 11	16 33.66	−19 1.0	1.650	2.624	7.3	21.8
5 21	16 23.90	−18 38.3	1.626	2.633	3.0	21.6
5 31	16 13.52	−18 14.9	1.630	2.640	2.2	21.5
6 10	16 3.72	−17 53.8	1.660	2.648	6.5	21.8
6 20	15 55.48	−17 37.7	1.717	2.654	10.5	22.1
6 30	15 49.53	−17 29.0	1.796	2.660	14.0	22.3

130992 2000 WT_{159} 5 27.3 320°.84 1°.3/27.2 18

4 21	16 46.50	−16 7.6	1.293	2.151	18.1	19.2
5 1	16 42.28	−16 44.2	1.212	2.140	14.0	18.9
5 11	16 34.74	−17 25.6	1.151	2.130	9.2	18.6
5 21	16 24.56	−18 11.3	1.113	2.120	3.8	18.2
5 31	16 13.04	−18 59.7	1.099	2.111	2.6	18.1
6 10	16 1.83	−19 49.9	1.110	2.102	8.1	18.4
6 20	15 52.46	−20 41.2	1.144	2.094	13.4	18.7
6 30	15 46.13	−21 34.3	1.198	2.087	18.0	18.9

156286 2001 WV_{13} 5 27.3 207°.90 2°.3/26.3 18

4 21	16 44.66	−15 39.9	2.304	3.132	12.2	21.1
5 1	16 39.24	−15 16.1	2.214	3.125	9.4	20.9
5 11	16 31.90	−14 51.4	2.147	3.118	6.2	20.7
5 21	16 23.20	−14 27.4	2.108	3.111	3.1	20.5
5 31	16 13.91	−14 6.1	2.097	3.102	2.9	20.5
6 10	16 4.91	−13 49.9	2.114	3.093	6.0	20.6
6 20	15 57.00	−13 40.4	2.158	3.083	9.4	20.8
6 30	15 50.81	−13 39.1	2.227	3.073	12.4	21.0

112053 2002 JE_{13} 5 27.3 344°.94 2°.8/26.5 17

4 21	16 39.78	−17 42.6	1.153	2.028	18.6	19.5
5 1	16 37.18	−17 12.6	1.082	2.020	14.3	19.2
5 11	16 31.38	−16 38.9	1.030	2.012	9.4	18.9
5 21	16 23.17	−16 4.7	0.999	2.006	4.3	18.6
5 31	16 13.91	−15 34.2	0.991	2.000	3.9	18.5
6 10	16 5.20	−15 12.1	1.005	1.996	9.0	18.8
6 20	15 58.44	−15 2.1	1.040	1.992	14.2	19.1
6 30	15 54.64	−15 6.1	1.094	1.990	18.7	19.3

72829 2001 HQ_{11} 5 27.3 145°.04 3°.0/25.6 18

4 21	16 42.73	−14 52.0	2.340	3.171	11.9	19.6
5 1	16 37.57	−13 58.9	2.267	3.180	9.1	19.4
5 11	16 30.68	−13 4.5	2.218	3.188	6.1	19.2
5 21	16 22.66	−12 11.7	2.197	3.196	3.4	19.1
5 31	16 14.26	−11 23.9	2.204	3.204	3.6	19.1
6 10	16 6.29	−10 43.9	2.239	3.211	6.3	19.3
6 20	15 59.42	−10 14.0	2.301	3.218	9.2	19.5
6 30	15 54.19	− 9 55.5	2.386	3.224	11.9	19.7

203252 2001 QQ_{99} 5 27.3 308°.12 0°.8/27.6 17

4 21	16 43.92	−23 47.4	1.230	2.091	18.6	20.3
5 1	16 40.51	−23 44.9	1.149	2.078	14.5	20.0
5 11	16 33.66	−23 33.8	1.087	2.065	9.6	19.7
5 21	16 24.14	−23 13.6	1.046	2.053	4.0	19.3
5 31	16 13.33	−22 45.5	1.029	2.042	2.2	19.2
6 10	16 2.97	−22 13.4	1.036	2.030	8.1	19.5
6 20	15 54.62	−21 42.7	1.064	2.019	13.6	19.7
6 30	15 49.44	−21 19.0	1.112	2.009	18.4	20.0

467943 2012 DR_{36} 5 27.3 55°.07 1°.9/26.7 17

4 21	16 44.48	−18 44.8	1.396	2.252	17.1	21.4
5 1	16 40.03	−18 19.1	1.335	2.262	13.0	21.2
5 11	16 32.77	−17 49.9	1.295	2.273	8.4	20.9
5 21	16 23.59	−17 19.3	1.277	2.284	3.6	20.7
5 31	16 13.75	−16 50.4	1.285	2.295	3.0	20.7
6 10	16 4.62	−16 27.0	1.317	2.306	7.6	21.0
6 20	15 57.34	−16 12.1	1.373	2.317	12.1	21.2
6 30	15 52.68	−16 7.9	1.450	2.329	16.0	21.5

430427 1999 TY_{127} 5 27.3 276°.17 3°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.49	−29 4.0	1.712	2.536	15.9	21.7
5 1	16 43.56	−29 30.5	1.603	2.508	12.7	21.4
5 11	16 35.51	−29 48.4	1.515	2.479	8.9	21.1
5 21	16 24.90	−29 54.4	1.451	2.450	5.0	20.8
5 31	16 12.85	−29 46.2	1.413	2.420	3.8	20.6
6 10	16 0.85	−29 24.9	1.402	2.390	7.3	20.8
6 20	15 50.34	−28 54.3	1.415	2.359	11.8	20.9
6 30	15 42.54	−28 20.4	1.450	2.328	16.1	21.1

512998 2017 UZ_{41} 5 27.3 202°.40 5°.0/29.9 18

4 21	16 47.32	−37 11.7	2.208	2.995	14.0	21.2
5 1	16 41.72	−37 19.0	2.118	2.992	11.4	21.0
5 11	16 33.69	−37 11.7	2.050	2.989	8.6	20.8
5 21	16 23.94	−36 47.4	2.006	2.985	6.0	20.7
5 31	16 13.53	−36 5.6	1.990	2.981	5.0	20.6
6 10	16 3.60	−35 9.0	2.000	2.977	6.5	20.7
6 20	15 55.16	−34 2.4	2.038	2.972	9.3	20.8
6 30	15 48.98	−32 52.2	2.099	2.967	12.2	21.0

62495 2000 SQ_{226} 5 27.3 223°.62 4°.1/25.8 18

4 21	16 46.04	−12 19.7	1.778	2.616	14.8	19.7
5 1	16 40.85	−11 46.5	1.693	2.608	11.5	19.4
5 11	16 33.22	−11 14.8	1.630	2.599	7.9	19.2
5 21	16 23.80	−10 47.6	1.591	2.590	4.7	19.0
5 31	16 13.59	−10 28.0	1.580	2.580	4.8	19.0
6 10	16 3.73	−10 18.9	1.595	2.569	8.1	19.1
6 20	15 55.25	−10 22.0	1.635	2.558	11.9	19.3
6 30	15 48.95	−10 37.7	1.697	2.546	15.4	19.5

156295 2001 XG_{5} 5 27.3 78°.27 1°.4/26.9 18

4 21	16 46.83	−17 56.5	1.711	2.550	15.2	19.6
5 1	16 41.21	−17 52.8	1.655	2.573	11.5	19.5
5 11	16 33.23	−17 47.9	1.621	2.596	7.4	19.3
5 21	16 23.71	−17 42.3	1.612	2.619	3.1	19.0
5 31	16 13.72	−17 37.7	1.631	2.641	2.3	19.0
6 10	16 4.41	−17 35.7	1.676	2.663	6.4	19.3
6 20	15 56.74	−17 38.2	1.746	2.685	10.3	19.6
6 30	15 51.34	−17 46.6	1.839	2.707	13.7	19.9

472852 2015 FB_{288} 5 27.3 358°.19 1°.2/27.5 17

4 21	16 41.59	−21 8.3	1.285	2.150	17.7	20.1
5 1	16 38.46	−21 56.8	1.214	2.145	13.7	19.9
5 11	16 32.19	−22 44.7	1.162	2.142	9.0	19.6
5 21	16 23.52	−23 29.8	1.133	2.140	3.8	19.3
5 31	16 13.74	−24 9.8	1.127	2.139	2.3	19.2
6 10	16 4.41	−24 44.3	1.146	2.140	7.5	19.5
6 20	15 56.95	−25 14.4	1.186	2.143	12.4	19.8
6 30	15 52.40	−25 42.4	1.247	2.146	16.7	20.0

175355 2005 PR_{19} 5 27.3 291°.25 0°.5/27.0 18

4 21	16 38.13	−20 3.5	3.167	3.991	9.3	20.6
5 1	16 33.96	−19 52.8	3.055	3.966	7.1	20.4
5 11	16 28.39	−19 39.6	2.967	3.940	4.6	20.2
5 21	16 21.81	−19 24.4	2.908	3.914	1.8	20.0
5 31	16 14.76	−19 8.3	2.877	3.888	1.3	19.9
6 10	16 7.82	−18 52.8	2.875	3.862	4.1	20.1
6 20	16 1.56	−18 39.2	2.901	3.836	6.9	20.2
6 30	15 56.48	−18 29.3	2.953	3.809	9.4	20.4

246889 1997 EB_{7} 5 27.3 119°.90 4°.0/25.0 18

4 21	16 40.51	−10 1.9	2.558	3.387	11.1	21.0
5 1	16 35.72	− 9 13.7	2.491	3.399	8.6	20.8
5 11	16 29.44	− 8 27.9	2.449	3.411	6.1	20.7
5 21	16 22.18	− 7 47.4	2.433	3.422	4.2	20.6
5 31	16 14.60	− 7 14.8	2.445	3.434	4.5	20.6
6 10	16 7.39	− 6 52.3	2.486	3.445	6.5	20.8
6 20	16 1.14	− 6 41.0	2.552	3.456	9.0	20.9
6 30	15 56.34	− 6 41.1	2.642	3.466	11.3	21.1

334745 2003 QR_{39} 5 27.3 241°.86 4°.4/29.2 18

4 21	16 47.44	−34 49.3	2.409	3.198	12.9	21.3
5 1	16 41.78	−35 13.8	2.304	3.182	10.5	21.1
5 11	16 33.79	−35 27.6	2.222	3.165	7.8	20.9
5 21	16 24.04	−35 27.9	2.165	3.148	5.3	20.7
5 31	16 13.45	−35 13.3	2.136	3.130	4.5	20.6
6 10	16 3.09	−34 44.9	2.135	3.111	6.2	20.7
6 20	15 53.96	−34 6.0	2.161	3.092	9.0	20.8
6 30	15 46.87	−33 21.5	2.210	3.072	11.9	21.0

56558 2000 HK_{100} 5 27.3 300°.51 1°.5/26.7 17

4 21	16 41.86	−18 10.3	2.036	2.875	13.1	19.5
5 1	16 37.36	−17 52.1	1.955	2.874	10.0	19.3
5 11	16 30.80	−17 31.5	1.897	2.872	6.5	19.1
5 21	16 22.81	−17 10.1	1.865	2.870	2.8	18.8
5 31	16 14.22	−16 49.8	1.859	2.869	2.3	18.8
6 10	16 6.01	−16 32.9	1.881	2.867	6.0	19.0
6 20	15 59.01	−16 21.6	1.929	2.866	9.6	19.2
6 30	15 53.89	−16 17.6	2.000	2.864	12.8	19.4

357954 2005 YG_{229} 5 27.3 14°.83 5°.2/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.54	−12 36.9	1.057	1.935	19.7	20.0
5 1	16 38.51	−12 6.5	1.001	1.938	15.3	19.8
5 11	16 32.17	−11 40.1	0.963	1.942	10.4	19.5
5 21	16 23.47	−11 22.0	0.945	1.947	6.0	19.3
5 31	16 13.85	−11 16.6	0.949	1.953	5.9	19.3
6 10	16 5.00	−11 26.4	0.975	1.960	10.2	19.6
6 20	15 58.27	−11 52.0	1.022	1.968	15.0	19.9
6 30	15 54.59	−12 32.2	1.087	1.977	19.2	20.1

115223 2003 SM_{142} 5 27.3 275°.56 1°.2/27.7 18

4 21	16 44.28	−24 5.0	1.932	2.765	14.0	19.7
5 1	16 39.55	−24 18.8	1.842	2.755	10.9	19.5
5 11	16 32.43	−24 27.4	1.774	2.746	7.2	19.3
5 21	16 23.52	−24 30.0	1.732	2.737	3.1	19.0
5 31	16 13.79	−24 26.6	1.716	2.727	1.8	18.9
6 10	16 4.36	−24 18.5	1.727	2.718	5.9	19.1
6 20	15 56.25	−24 8.5	1.764	2.709	9.8	19.3
6 30	15 50.29	−23 59.7	1.824	2.699	13.4	19.5

110494 2001 TZ_{63} 5 27.3 120°.33 3°.4/25.6 18

4 21	16 44.04	−15 49.4	1.868	2.708	14.1	19.7
5 1	16 38.96	−14 43.7	1.800	2.718	10.8	19.5
5 11	16 31.75	−13 35.5	1.755	2.728	7.1	19.3
5 21	16 23.14	−12 28.6	1.736	2.737	4.0	19.1
5 31	16 14.08	−11 27.5	1.745	2.746	4.2	19.2
6 10	16 5.58	−10 36.7	1.781	2.755	7.4	19.4
6 20	15 58.48	− 9 59.0	1.842	2.764	10.9	19.6
6 30	15 53.40	− 9 36.0	1.926	2.772	14.0	19.8

248417 2005 SK_{204} 5 27.3 204°.12 0°.3/27.2 17

4 21	16 41.33	−21 31.1	2.699	3.522	10.7	21.8
5 1	16 36.50	−21 18.5	2.609	3.519	8.2	21.6
5 11	16 30.05	−21 2.1	2.543	3.515	5.3	21.4
5 21	16 22.48	−20 42.5	2.505	3.511	2.1	21.2
5 31	16 14.44	−20 21.0	2.495	3.507	1.3	21.1
6 10	16 6.68	−19 59.3	2.515	3.502	4.5	21.3
6 20	15 59.85	−19 39.6	2.562	3.498	7.6	21.5
6 30	15 54.49	−19 23.7	2.633	3.492	10.3	21.7

293010 2006 WD_{37} 5 27.3 78°.63 0°.9/27.1 18

4 21	16 44.41	−17 8.6	2.223	3.053	12.5	20.4
5 1	16 39.12	−17 30.6	2.145	3.058	9.5	20.2
5 11	16 31.87	−17 53.3	2.090	3.063	6.1	20.0
5 21	16 23.23	−18 16.4	2.062	3.069	2.5	19.8
5 31	16 14.01	−18 39.9	2.063	3.074	1.8	19.7
6 10	16 5.12	−19 4.2	2.092	3.079	5.3	20.0
6 20	15 57.38	−19 29.6	2.147	3.084	8.8	20.2
6 30	15 51.43	−19 57.2	2.227	3.089	11.8	20.4

238505 2004 TK_{5} 5 27.3 148°.15 1°.1/27.7 17

4 21	16 45.89	−24 20.9	2.142	2.965	13.1	21.0
5 1	16 40.38	−24 30.9	2.064	2.972	10.1	20.8
5 11	16 32.72	−24 35.5	2.008	2.978	6.6	20.6
5 21	16 23.57	−24 34.1	1.979	2.984	2.9	20.4
5 31	16 13.82	−24 26.8	1.978	2.989	1.7	20.3
6 10	16 4.49	−24 15.4	2.005	2.994	5.3	20.5
6 20	15 56.46	−24 2.4	2.058	2.999	8.9	20.8
6 30	15 50.42	−23 50.7	2.136	3.003	12.0	21.0

219859 2002 CX_{245} 5 27.3 203°.95 5°.3/24.4 18

4 21	16 43.32	− 6 36.2	2.456	3.276	11.8	20.8
5 1	16 38.04	− 5 41.8	2.372	3.270	9.4	20.7
5 11	16 31.05	− 4 51.3	2.311	3.264	7.0	20.5
5 21	16 22.88	− 4 8.1	2.278	3.257	5.4	20.4
5 31	16 14.22	− 3 35.5	2.272	3.249	5.8	20.4
6 10	16 5.85	− 3 16.0	2.295	3.240	7.8	20.5
6 20	15 58.45	− 3 10.7	2.343	3.230	10.3	20.7
6 30	15 52.59	− 3 19.4	2.414	3.220	12.7	20.8

343559 2010 FS_{53} 5 27.3 296°.99 0°.8/27.1 17

4 21	16 42.64	−19 43.4	1.924	2.764	13.7	20.9
5 1	16 38.17	−19 37.5	1.840	2.758	10.5	20.7
5 11	16 31.46	−19 28.7	1.777	2.753	6.8	20.5
5 21	16 23.13	−19 17.6	1.740	2.747	2.7	20.2
5 31	16 14.10	−19 5.7	1.730	2.741	1.9	20.1
6 10	16 5.41	−18 55.0	1.747	2.736	6.0	20.4
6 20	15 58.00	−18 47.7	1.789	2.730	9.9	20.6
6 30	15 52.62	−18 46.0	1.854	2.725	13.4	20.8

351714 2006 BT_{226} 5 27.3 29°.21 5°.6/26.3 17

4 21	16 44.13	−10 12.0	1.103	1.973	19.6	19.5
5 1	16 40.31	− 9 57.2	1.050	1.981	15.3	19.2
5 11	16 33.24	− 9 50.5	1.015	1.990	10.6	19.0
5 21	16 23.89	− 9 55.5	1.000	2.000	6.5	18.8
5 31	16 13.70	−10 14.9	1.009	2.011	6.3	18.8
6 10	16 4.31	−10 49.3	1.040	2.022	10.1	19.1
6 20	15 57.05	−11 37.5	1.092	2.034	14.6	19.4
6 30	15 52.80	−12 37.1	1.163	2.047	18.7	19.6

396864 2004 TO_{25} 5 27.3 323°.07 4°.6/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 38.52	−11 12.7	2.119	2.962	12.6	21.2
5 1	16 34.70	−10 9.7	2.037	2.953	9.8	21.0
5 11	16 29.06	− 9 7.3	1.978	2.945	6.9	20.8
5 21	16 22.14	− 8 9.3	1.944	2.936	4.8	20.7
5 31	16 14.70	− 7 19.9	1.938	2.928	5.2	20.7
6 10	16 7.57	− 6 42.6	1.958	2.921	7.7	20.8
6 20	16 1.50	− 6 19.6	2.003	2.913	10.7	21.0
6 30	15 57.10	− 6 11.6	2.069	2.906	13.5	21.2

299794 2006 SC_{95} 5 27.3 276°.55 0°.6/27.1 17

4 21	16 41.82	−20 42.4	2.162	2.996	12.6	21.1
5 1	16 37.35	−20 30.8	2.070	2.986	9.7	20.9
5 11	16 30.85	−20 15.4	2.001	2.975	6.3	20.7
5 21	16 22.89	−19 56.9	1.958	2.964	2.5	20.4
5 31	16 14.27	−19 36.7	1.942	2.954	1.6	20.3
6 10	16 5.94	−19 16.9	1.954	2.943	5.5	20.5
6 20	15 58.73	−19 0.1	1.992	2.932	9.2	20.7
6 30	15 53.33	−18 48.6	2.054	2.921	12.4	20.9

456108 2006 BY_{274} 5 27.3 82°.76 4°.8/29.0 16

4 21	16 49.18	−32 12.1	1.379	2.210	18.6	21.9
5 1	16 44.17	−32 35.1	1.314	2.220	14.9	21.7
5 11	16 35.75	−32 43.0	1.268	2.229	10.6	21.4
5 21	16 24.90	−32 32.4	1.244	2.238	6.5	21.2
5 31	16 13.15	−32 2.6	1.244	2.248	4.9	21.1
6 10	16 2.24	−31 17.4	1.269	2.257	7.9	21.3
6 20	15 53.57	−30 23.7	1.317	2.266	12.1	21.6
6 30	15 48.08	−29 29.4	1.387	2.275	16.0	21.9

22275 Barentsen 5 27.4 130°.61 9°.9/25.6 18 R

4 21	16 50.74	+ 6 49.2	1.934	2.718	15.8	17.7
5 1	16 43.86	+ 7 12.3	1.876	2.732	13.5	17.5
5 11	16 34.83	+ 7 17.4	1.839	2.746	11.4	17.4
5 21	16 24.38	+ 7 0.4	1.826	2.759	10.0	17.4
5 31	16 13.48	+ 6 19.0	1.839	2.772	10.1	17.4
6 10	16 3.19	+ 5 14.3	1.877	2.784	11.5	17.5
6 20	15 54.35	+ 3 49.9	1.940	2.795	13.5	17.7
6 30	15 47.61	+ 2 10.5	2.025	2.806	15.7	17.8

511008 2013 PX_{6} 5 27.4 206°.32 3°.6/24.8 18

4 21	16 43.67	− 8 20.3	3.445	4.251	9.0	24.9
5 1	16 37.84	− 7 38.3	3.348	4.242	7.1	24.8
5 11	16 30.73	− 6 58.3	3.278	4.231	5.1	24.6
5 21	16 22.75	− 6 22.3	3.237	4.220	3.7	24.5
5 31	16 14.39	− 5 52.5	3.226	4.208	3.9	24.5
6 10	16 6.22	− 5 30.6	3.246	4.194	5.6	24.6
6 20	15 58.75	− 5 17.8	3.293	4.180	7.7	24.7
6 30	15 52.41	− 5 14.4	3.367	4.164	9.7	24.9

504516 2008 RL_{5} 5 27.4 204°.70 3°.2/25.9 17

4 21	16 42.92	−13 59.8	2.012	2.850	13.3	21.9
5 1	16 38.15	−13 26.1	1.932	2.848	10.3	21.7
5 11	16 31.32	−12 52.5	1.875	2.846	6.9	21.4
5 21	16 23.06	−12 21.6	1.843	2.843	3.8	21.3
5 31	16 14.21	−11 56.1	1.839	2.841	3.9	21.2
6 10	16 5.73	−11 38.8	1.861	2.838	6.9	21.4
6 20	15 58.47	−11 31.3	1.910	2.835	10.4	21.6
6 30	15 53.09	−11 34.7	1.980	2.831	13.5	21.8

168817 2000 SD_{255} 5 27.4 324°.39 0°.2/27.4 17

4 21	16 43.65	−21 4.6	1.230	2.093	18.4	19.3
5 1	16 40.29	−21 19.8	1.151	2.082	14.3	19.0
5 11	16 33.55	−21 31.8	1.091	2.071	9.4	18.7
5 21	16 24.18	−21 39.9	1.053	2.060	3.8	18.3
5 31	16 13.50	−21 44.1	1.038	2.050	2.2	18.2
6 10	16 3.23	−21 46.3	1.047	2.041	8.0	18.5
6 20	15 54.90	−21 49.4	1.077	2.033	13.4	18.8
6 30	15 49.69	−21 56.9	1.127	2.025	18.2	19.0

424411 2008 AW_{42} 5 27.4 187°.63 9°.9/23.6 16

4 21	16 47.64	+ 7 49.6	2.203	2.981	14.3	22.0
5 1	16 41.45	+ 8 39.3	2.134	2.980	12.4	21.9
5 11	16 33.30	+ 9 13.8	2.086	2.979	10.8	21.7
5 21	16 23.81	+ 9 28.0	2.061	2.977	10.0	21.7
5 31	16 13.79	+ 9 18.5	2.062	2.974	10.3	21.7
6 10	16 4.17	+ 8 44.7	2.088	2.970	11.6	21.8
6 20	15 55.72	+ 7 48.3	2.138	2.966	13.4	21.9
6 30	15 49.09	+ 6 33.0	2.208	2.960	15.4	22.0

364159 2006 HS_{47} 5 27.4 98°.97 2°.5/26.6 17

4 21	16 47.79	−16 52.7	1.481	2.328	16.8	21.6
5 1	16 42.35	−16 29.2	1.422	2.344	12.8	21.4
5 11	16 34.19	−16 4.4	1.383	2.359	8.3	21.1
5 21	16 24.20	−15 40.4	1.369	2.374	3.8	20.9
5 31	16 13.61	−15 19.8	1.380	2.389	3.4	20.9
6 10	16 3.77	−15 5.7	1.418	2.403	7.6	21.2
6 20	15 55.75	−15 0.4	1.479	2.417	11.9	21.5
6 30	15 50.32	−15 5.3	1.562	2.431	15.6	21.8

8636 Malvina 5 27.4 257°.24 0°.1/27.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.29	−21 37.3	1.609	2.451	15.9	17.6
5 1	16 41.54	−21 39.7	1.522	2.441	12.3	17.4
5 11	16 33.96	−21 37.5	1.455	2.431	8.0	17.1
5 21	16 24.24	−21 30.7	1.413	2.420	3.2	16.8
5 31	16 13.51	−21 19.8	1.397	2.409	1.9	16.7
6 10	16 3.12	−21 7.1	1.407	2.398	6.9	17.0
6 20	15 54.32	−20 55.9	1.441	2.386	11.5	17.2
6 30	15 48.07	−20 49.4	1.497	2.375	15.6	17.4

98187 2000 SO_{109} 5 27.4 214°.36 1°.8/26.7 17

4 21	16 46.18	−18 56.5	1.675	2.517	15.4	20.5
5 1	16 41.16	−18 27.6	1.593	2.513	11.8	20.2
5 11	16 33.53	−17 54.4	1.532	2.508	7.7	20.0
5 21	16 24.01	−17 18.7	1.496	2.502	3.3	19.7
5 31	16 13.69	−16 43.3	1.487	2.496	2.8	19.6
6 10	16 3.82	−16 11.9	1.504	2.490	7.1	19.9
6 20	15 55.49	−15 48.0	1.546	2.483	11.5	20.1
6 30	15 49.53	−15 34.2	1.609	2.476	15.3	20.3

379842 2011 UK_{178} 5 27.4 253°.15 1°.3/26.7 18

4 21	16 41.93	−18 15.6	2.593	3.419	11.0	21.8
5 1	16 37.13	−17 58.2	2.490	3.401	8.4	21.6
5 11	16 30.58	−17 38.5	2.411	3.383	5.5	21.4
5 21	16 22.79	−17 17.6	2.359	3.364	2.4	21.2
5 31	16 14.40	−16 56.9	2.336	3.345	2.0	21.1
6 10	16 6.20	−16 38.4	2.342	3.326	5.1	21.3
6 20	15 58.89	−16 24.1	2.375	3.306	8.3	21.5
6 30	15 53.08	−16 15.6	2.432	3.285	11.2	21.6

49430 1998 XZ_{96} 5 27.4 243°.04 5°.3/25.3 18

4 21	16 42.44	− 6 6.8	2.241	3.067	12.5	18.8
5 1	16 37.61	− 5 40.1	2.156	3.058	10.0	18.6
5 11	16 30.92	− 5 19.5	2.094	3.049	7.4	18.5
5 21	16 22.92	− 5 7.9	2.057	3.040	5.5	18.3
5 31	16 14.33	− 5 7.8	2.048	3.031	5.7	18.3
6 10	16 6.02	− 5 20.6	2.066	3.022	7.9	18.4
6 20	15 58.73	− 5 46.5	2.109	3.012	10.6	18.6
6 30	15 53.09	− 6 24.4	2.175	3.002	13.3	18.7

144136 2004 BN_{90} 5 27.4 165°.27 0°.7/27.1 17

4 21	16 46.85	−20 39.6	1.988	2.818	13.8	20.9
5 1	16 41.19	−20 23.3	1.910	2.823	10.5	20.7
5 11	16 33.30	−20 2.6	1.854	2.827	6.8	20.5
5 21	16 23.86	−19 38.3	1.825	2.831	2.7	20.3
5 31	16 13.82	−19 12.3	1.823	2.834	1.8	20.2
6 10	16 4.25	−18 47.2	1.850	2.837	5.9	20.5
6 20	15 56.05	−18 25.9	1.902	2.839	9.7	20.7
6 30	15 49.94	−18 10.9	1.979	2.840	13.1	20.9

95826 2003 FA_{87} 5 27.4 347°.10 0°.6/27.6 18

4 21	16 40.51	−24 55.3	1.376	2.234	17.2	19.1
5 1	16 37.42	−24 33.1	1.299	2.227	13.3	18.9
5 11	16 31.40	−24 0.1	1.243	2.221	8.7	18.6
5 21	16 23.23	−23 17.1	1.209	2.216	3.6	18.3
5 31	16 14.16	−22 26.9	1.199	2.211	1.9	18.2
6 10	16 5.64	−21 34.6	1.213	2.208	7.2	18.5
6 20	15 58.91	−20 45.9	1.251	2.205	12.1	18.7
6 30	15 54.88	−20 6.0	1.309	2.203	16.3	19.0

495963 2007 RX_{43} 5 27.4 215°.08 4°.3/28.9 16

4 21	16 49.42	−31 59.9	1.695	2.512	16.3	22.6
5 1	16 44.03	−32 20.8	1.609	2.507	13.1	22.4
5 11	16 35.60	−32 29.1	1.544	2.501	9.4	22.2
5 21	16 24.90	−32 21.7	1.502	2.496	5.7	21.9
5 31	16 13.19	−31 57.3	1.486	2.489	4.4	21.8
6 10	16 1.95	−31 18.5	1.497	2.482	7.2	22.0
6 20	15 52.52	−30 30.4	1.532	2.475	11.1	22.2
6 30	15 45.85	−29 39.9	1.590	2.468	14.9	22.4

181087 2005 QW_{47} 5 27.4 236°.99 3°.6/25.5 18

4 21	16 40.69	−10 36.3	2.596	3.423	11.0	20.9
5 1	16 36.06	−10 6.6	2.505	3.413	8.6	20.7
5 11	16 29.82	− 9 39.2	2.439	3.403	6.0	20.6
5 21	16 22.46	− 9 16.0	2.399	3.392	3.9	20.4
5 31	16 14.61	− 8 59.5	2.388	3.381	4.0	20.4
6 10	16 6.99	− 8 51.4	2.404	3.370	6.3	20.5
6 20	16 0.25	− 8 52.8	2.447	3.359	9.0	20.7
6 30	15 54.92	− 9 4.0	2.514	3.347	11.5	20.8

151721 2003 BT_{58} 5 27.4 18°.43 0°.3/27.3 17

4 21	16 43.14	−19 51.4	1.298	2.160	17.8	19.3
5 1	16 39.42	−20 9.3	1.235	2.165	13.6	19.0
5 11	16 32.66	−20 25.2	1.192	2.171	8.8	18.8
5 21	16 23.72	−20 38.7	1.171	2.179	3.5	18.5
5 31	16 13.91	−20 50.1	1.174	2.187	2.0	18.4
6 10	16 4.74	−21 0.7	1.202	2.196	7.3	18.7
6 20	15 57.48	−21 12.8	1.252	2.206	12.2	19.0
6 30	15 53.03	−21 28.4	1.323	2.216	16.3	19.3

145471 2005 ST_{234} 5 27.4 3°.03 0°.7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.34	−20 10.6	1.751	2.600	14.5	19.4
5 1	16 36.58	−20 3.0	1.676	2.600	11.1	19.2
5 11	16 30.51	−19 52.0	1.622	2.600	7.1	18.9
5 21	16 22.81	−19 38.4	1.593	2.600	2.8	18.7
5 31	16 14.44	−19 23.8	1.590	2.602	1.9	18.6
6 10	16 6.51	−19 10.8	1.613	2.604	6.2	18.9
6 20	15 59.96	−19 1.6	1.661	2.607	10.2	19.1
6 30	15 55.54	−18 58.5	1.731	2.610	13.8	19.4

523604 2004 QB_{17} 5 27.4 149°.34 1°.4/28.1 18

4 21	16 51.28	−27 8.3	2.528	3.326	12.1	23.8
5 1	16 44.05	−27 1.0	2.450	3.343	9.3	23.6
5 11	16 34.87	−26 45.8	2.396	3.359	6.2	23.4
5 21	16 24.42	−26 22.4	2.371	3.373	2.9	23.2
5 31	16 13.56	−25 51.5	2.376	3.386	1.7	23.1
6 10	16 3.21	−25 15.7	2.411	3.398	4.8	23.4
6 20	15 54.15	−24 38.1	2.475	3.408	7.9	23.6
6 30	15 46.98	−24 2.3	2.564	3.417	10.7	23.8

309416 2007 TX_{356} 5 27.4 135°.89 0°.5/27.6 17

4 21	16 48.41	−23 51.7	1.772	2.602	15.2	21.7
5 1	16 42.62	−23 39.9	1.701	2.614	11.6	21.5
5 11	16 34.30	−23 20.9	1.652	2.624	7.5	21.2
5 21	16 24.27	−22 54.8	1.629	2.635	3.1	21.0
5 31	16 13.64	−22 23.4	1.632	2.645	1.7	20.9
6 10	16 3.62	−21 49.8	1.664	2.654	6.1	21.2
6 20	15 55.25	−21 18.0	1.720	2.662	10.2	21.5
6 30	15 49.25	−20 51.7	1.800	2.670	13.8	21.7

382444 1999 YK_{2} 5 27.4 170°.34 1°.6/26.7 17

4 21	16 43.85	−16 56.8	2.345	3.173	12.0	22.1
5 1	16 38.60	−16 46.0	2.264	3.176	9.1	21.9
5 11	16 31.50	−16 34.2	2.207	3.179	5.9	21.7
5 21	16 23.14	−16 22.6	2.176	3.181	2.6	21.5
5 31	16 14.27	−16 12.5	2.174	3.183	2.3	21.5
6 10	16 5.74	−16 5.5	2.200	3.184	5.5	21.7
6 20	15 58.30	−16 3.2	2.254	3.185	8.7	21.9
6 30	15 52.54	−16 6.9	2.331	3.185	11.6	22.1

410300 2007 TD_{346} 5 27.4 136°.35 2°.5/26.5 17

4 21	16 46.70	−16 39.3	1.617	2.461	15.7	21.6
5 1	16 41.45	−16 12.7	1.548	2.468	12.1	21.3
5 11	16 33.64	−15 44.5	1.500	2.475	7.9	21.1
5 21	16 24.05	−15 16.9	1.477	2.481	3.7	20.9
5 31	16 13.79	−14 52.7	1.480	2.488	3.4	20.9
6 10	16 4.11	−14 35.0	1.509	2.493	7.4	21.1
6 20	15 56.07	−14 26.3	1.563	2.499	11.5	21.4
6 30	15 50.43	−14 27.9	1.639	2.504	15.2	21.6

15309 1993 FZ_{7} 5 27.4 178°.41 0°.7/27.6 18

4 21	16 48.12	−22 43.3	1.452	2.296	17.2	19.3
5 1	16 43.13	−22 55.6	1.377	2.297	13.3	19.1
5 11	16 35.06	−23 2.6	1.322	2.297	8.7	18.8
5 21	16 24.71	−23 3.4	1.291	2.297	3.6	18.5
5 31	16 13.38	−22 58.0	1.285	2.297	2.0	18.4
6 10	16 2.59	−22 48.8	1.305	2.297	7.1	18.7
6 20	15 53.67	−22 39.0	1.349	2.297	11.9	19.0
6 30	15 47.58	−22 32.6	1.414	2.296	16.1	19.2

144445 2004 EQ_{38} 5 27.4 23°.81 1°.2/27.7 18

4 21	16 43.08	−23 41.0	1.814	2.653	14.5	19.3
5 1	16 38.65	−23 59.9	1.741	2.658	11.2	19.1
5 11	16 31.85	−24 14.0	1.690	2.663	7.3	18.9
5 21	16 23.35	−24 22.3	1.664	2.669	3.2	18.7
5 31	16 14.18	−24 24.8	1.664	2.675	1.8	18.6
6 10	16 5.45	−24 23.0	1.690	2.682	5.9	18.8
6 20	15 58.17	−24 19.3	1.742	2.689	9.8	19.1
6 30	15 53.08	−24 16.6	1.817	2.697	13.2	19.3

16777 1996 VD_{29} 5 27.4 69°.77 0°.8/27.0 18

4 21	16 42.92	−20 0.3	2.067	2.902	13.1	18.4
5 1	16 38.00	−19 46.1	2.004	2.920	9.9	18.2
5 11	16 31.13	−19 28.8	1.964	2.938	6.3	18.0
5 21	16 22.98	−19 9.4	1.950	2.956	2.5	17.8
5 31	16 14.42	−18 49.5	1.963	2.975	1.8	17.8
6 10	16 6.38	−18 31.4	2.005	2.993	5.5	18.0
6 20	15 59.63	−18 17.3	2.072	3.011	8.9	18.3
6 30	15 54.74	−18 9.1	2.163	3.029	11.9	18.5

292027 2006 QP_{161} 5 27.4 142°.86 0°.3/27.2 18

4 21	16 42.28	−21 24.5	2.162	2.995	12.7	20.9
5 1	16 37.63	−21 12.8	2.081	2.996	9.7	20.7
5 11	16 30.99	−20 56.9	2.023	2.997	6.2	20.5
5 21	16 22.98	−20 37.4	1.991	2.998	2.5	20.2
5 31	16 14.41	−20 15.9	1.986	2.998	1.5	20.2
6 10	16 6.23	−19 54.4	2.010	2.999	5.3	20.4
6 20	15 59.22	−19 35.6	2.059	3.000	8.9	20.7
6 30	15 54.03	−19 21.8	2.133	3.000	12.0	20.9

178401 1998 QY_2 5 27.4 319°.11 11°.3/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 39.97	− 0 36.3	1.313	2.165	18.2	19.8
5 1	16 36.99	+ 0 46.3	1.237	2.146	15.4	19.6
5 11	16 31.19	+ 1 57.5	1.180	2.127	12.8	19.4
5 21	16 23.23	+ 2 48.3	1.144	2.109	11.4	19.2
5 31	16 14.22	+ 3 10.7	1.130	2.091	12.0	19.2
6 10	16 5.55	+ 3 0.3	1.136	2.074	14.5	19.3
6 20	15 58.44	+ 2 17.4	1.162	2.058	17.8	19.4
6 30	15 53.89	+ 1 6.0	1.205	2.043	21.1	19.6

70299 1999 RM_{129} 5 27.4 251°.62 3°.2/28.5 18 R

4 21	16 48.65	−29 34.3	1.836	2.654	15.2	19.7
5 1	16 43.35	−29 50.3	1.735	2.636	12.1	19.4
5 11	16 35.19	−29 56.5	1.655	2.617	8.5	19.2
5 21	16 24.81	−29 50.3	1.600	2.598	4.7	18.9
5 31	16 13.31	−29 30.5	1.572	2.578	3.4	18.8
6 10	16 2.05	−28 59.0	1.570	2.558	6.7	18.9
6 20	15 52.30	−28 20.0	1.594	2.537	10.8	19.1
6 30	15 45.07	−27 39.4	1.641	2.515	14.7	19.3

479941 2014 HV_{150} 5 27.4 247°.19 1°.9/28.1 18

4 21	16 43.46	−26 37.7	2.525	3.340	11.6	21.6
5 1	16 38.46	−27 0.2	2.430	3.332	9.1	21.5
5 11	16 31.54	−27 17.4	2.360	3.325	6.1	21.3
5 21	16 23.22	−27 28.1	2.316	3.317	3.1	21.0
5 31	16 14.26	−27 31.9	2.300	3.309	2.1	21.0
6 10	16 5.53	−27 29.6	2.313	3.301	4.9	21.1
6 20	15 57.81	−27 23.2	2.353	3.292	8.0	21.3
6 30	15 51.78	−27 15.1	2.417	3.284	10.8	21.5

172371 2002 XB_{93} 5 27.4 201°.04 0°.6/27.7 17

4 21	16 43.26	−24 1.4	2.479	3.300	11.6	21.3
5 1	16 38.19	−23 56.8	2.390	3.297	9.0	21.1
5 11	16 31.29	−23 46.9	2.324	3.294	5.8	20.9
5 21	16 23.09	−23 31.7	2.285	3.290	2.5	20.7
5 31	16 14.36	−23 12.1	2.274	3.286	1.3	20.6
6 10	16 5.93	−22 50.0	2.292	3.282	4.8	20.8
6 20	15 58.55	−22 27.8	2.338	3.277	8.0	21.0
6 30	15 52.83	−22 8.0	2.408	3.272	10.9	21.2

310351 2011 UL_{254} 5 27.4 206°.65 0°.3/27.5 18

4 21	16 42.05	−23 1.4	2.822	3.641	10.4	22.2
5 1	16 37.06	−22 55.8	2.729	3.636	8.0	22.0
5 11	16 30.46	−22 46.1	2.660	3.630	5.2	21.9
5 21	16 22.75	−22 32.3	2.619	3.625	2.1	21.6
5 31	16 14.56	−22 15.3	2.607	3.619	1.2	21.5
6 10	16 6.62	−21 56.7	2.624	3.612	4.3	21.8
6 20	15 59.57	−21 38.4	2.668	3.605	7.3	21.9
6 30	15 53.97	−21 22.6	2.738	3.598	9.9	22.1

171078 2005 EM_{181} 5 27.4 99°.04 3°.3/28.4 16

4 21	16 49.18	−28 43.6	1.556	2.386	16.9	20.7
5 1	16 43.76	−29 9.3	1.489	2.397	13.3	20.5
5 11	16 35.34	−29 24.9	1.442	2.407	9.1	20.3
5 21	16 24.78	−29 27.6	1.419	2.418	5.0	20.1
5 31	16 13.42	−29 16.7	1.421	2.429	3.5	20.0
6 10	16 2.74	−28 54.8	1.450	2.439	7.0	20.3
6 20	15 53.99	−28 26.5	1.503	2.449	11.1	20.5
6 30	15 48.06	−27 57.4	1.578	2.459	14.8	20.8

393820 2005 SP_{27} 5 27.4 218°.09 2°.3/25.9 17

4 21	16 40.35	−16 5.0	2.527	3.359	11.1	21.5
5 1	16 35.83	−15 22.0	2.441	3.355	8.5	21.4
5 11	16 29.69	−14 37.1	2.379	3.350	5.6	21.2
5 21	16 22.44	−13 52.5	2.344	3.346	2.9	21.0
5 31	16 14.75	−13 10.8	2.338	3.341	2.9	21.0
6 10	16 7.36	−12 34.8	2.360	3.337	5.6	21.1
6 20	16 0.92	−12 6.7	2.409	3.332	8.6	21.3
6 30	15 55.96	−11 48.1	2.481	3.327	11.3	21.5

30645 6604 $P–L$ 5 27.4 187°.73 1°.4/26.8 18

4 21	16 45.29	−18 19.9	2.208	3.036	12.6	20.1
5 1	16 39.85	−18 1.6	2.123	3.035	9.7	19.9
5 11	16 32.40	−17 40.9	2.062	3.034	6.2	19.7
5 21	16 23.55	−17 18.9	2.027	3.033	2.7	19.4
5 31	16 14.12	−16 57.3	2.021	3.030	2.2	19.4
6 10	16 5.04	−16 38.5	2.043	3.027	5.7	19.6
6 20	15 57.14	−16 24.5	2.092	3.024	9.2	19.8
6 30	15 51.08	−16 17.3	2.165	3.020	12.3	20.0

434245 2003 UB_{38} 5 27.4 208°.77 0°.1/27.4 17

4 21	16 43.71	−22 42.4	2.276	3.102	12.4	21.9
5 1	16 38.67	−22 24.3	2.186	3.097	9.5	21.7
5 11	16 31.66	−22 0.6	2.121	3.093	6.1	21.5
5 21	16 23.26	−21 31.9	2.081	3.088	2.4	21.2
5 31	16 14.29	−20 59.9	2.070	3.082	1.4	21.1
6 10	16 5.65	−20 27.1	2.087	3.076	5.2	21.4
6 20	15 58.17	−19 56.5	2.131	3.070	8.7	21.6
6 30	15 52.47	−19 30.8	2.200	3.063	11.9	21.8

336359 2008 TC_{184} 5 27.4 138°.36 2°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.30	−30 50.6	2.023	2.838	14.1	20.8
5 1	16 40.17	−30 39.2	1.943	2.842	11.1	20.6
5 11	16 32.72	−30 15.9	1.885	2.846	7.7	20.4
5 21	16 23.69	−29 39.9	1.852	2.850	4.2	20.2
5 31	16 14.08	−28 52.4	1.846	2.854	2.9	20.1
6 10	16 5.00	−27 56.9	1.868	2.857	5.7	20.3
6 20	15 57.39	−26 58.3	1.916	2.860	9.2	20.5
6 30	15 51.94	−26 1.6	1.988	2.863	12.4	20.7

245529 2005 SR_{197} 5 27.4 224°.44 1°.4/28.3 18

4 21	16 42.85	−28 36.9	2.806	3.613	10.8	21.2
5 1	16 37.72	−28 14.1	2.706	3.603	8.4	21.0
5 11	16 30.91	−27 42.8	2.631	3.594	5.7	20.8
5 21	16 22.94	−27 3.0	2.582	3.583	2.8	20.6
5 31	16 14.50	−26 16.0	2.563	3.573	1.7	20.5
6 10	16 6.36	−25 24.2	2.573	3.562	4.4	20.7
6 20	15 59.20	−24 31.0	2.611	3.550	7.3	20.9
6 30	15 53.56	−23 39.8	2.675	3.538	10.0	21.0

125860 2001 XZ_{189} 5 27.4 177°.53 2°.5/28.7 17

4 21	16 46.79	−30 33.2	2.186	2.994	13.4	20.8
5 1	16 41.15	−30 20.0	2.100	2.996	10.5	20.6
5 11	16 33.29	−29 55.5	2.037	2.997	7.3	20.4
5 21	16 23.91	−29 19.1	2.000	2.998	3.9	20.2
5 31	16 13.96	−28 31.8	1.991	2.998	2.6	20.1
6 10	16 4.50	−27 36.7	2.010	2.998	5.4	20.2
6 20	15 56.41	−26 38.6	2.056	2.997	8.9	20.4
6 30	15 50.40	−25 42.2	2.127	2.996	12.0	20.6

233313 2006 BM_{129} 5 27.4 219°.21 1°.5/26.8 17

4 21	16 44.03	−18 25.2	2.050	2.885	13.2	21.7
5 1	16 39.09	−18 5.9	1.964	2.880	10.1	21.5
5 11	16 32.03	−17 43.9	1.900	2.874	6.6	21.3
5 21	16 23.44	−17 20.6	1.862	2.868	2.8	21.0
5 31	16 14.21	−16 57.8	1.852	2.862	2.3	21.0
6 10	16 5.31	−16 38.0	1.870	2.855	6.0	21.2
6 20	15 57.64	−16 23.6	1.913	2.849	9.8	21.4
6 30	15 51.89	−16 16.6	1.980	2.841	13.1	21.6

443779 2015 ML_{68} 5 27.4 323°.93 1°.7/28.1 16

4 21	16 41.28	−26 59.0	1.967	2.799	13.8	21.2
5 1	16 37.29	−26 57.3	1.877	2.788	10.8	21.0
5 11	16 31.01	−26 47.3	1.808	2.778	7.2	20.7
5 21	16 23.08	−26 28.2	1.765	2.768	3.5	20.5
5 31	16 14.41	−26 1.0	1.748	2.759	2.1	20.4
6 10	16 6.07	−25 28.0	1.758	2.750	5.7	20.6
6 20	15 59.04	−24 53.0	1.794	2.741	9.5	20.8
6 30	15 54.07	−24 20.1	1.852	2.733	13.0	21.0

18235 Lynden–Bell 5 27.4 110°.08 0°.2/27.3 18

4 21	16 42.62	−21 52.8	2.452	3.278	11.6	19.1
5 1	16 37.56	−21 40.9	2.380	3.291	8.8	19.0
5 11	16 30.79	−21 24.9	2.331	3.303	5.7	18.8
5 21	16 22.88	−21 5.4	2.310	3.316	2.2	18.6
5 31	16 14.57	−20 43.8	2.316	3.328	1.3	18.5
6 10	16 6.67	−20 22.1	2.352	3.340	4.7	18.8
6 20	15 59.86	−20 2.4	2.414	3.352	7.9	19.0
6 30	15 54.68	−19 47.0	2.501	3.364	10.6	19.2

504160 2006 SV_{301} 5 27.4 50°.49 1°.0/26.8 18

4 21	16 38.30	−17 37.8	3.630	4.451	8.3	21.0
5 1	16 33.64	−17 27.1	3.584	4.492	6.2	20.9
5 11	16 27.97	−17 15.7	3.563	4.534	4.0	20.8
5 21	16 21.69	−17 4.2	3.570	4.575	1.7	20.7
5 31	16 15.27	−16 53.7	3.607	4.616	1.4	20.7
6 10	16 9.17	−16 45.1	3.674	4.657	3.5	20.9
6 20	16 3.80	−16 39.4	3.769	4.698	5.6	21.1
6 30	15 59.47	−16 37.3	3.890	4.738	7.5	21.3

204044 2003 UZ_{185} 5 27.4 228°.24 1°.2/28.0 18

4 21	16 44.34	−26 43.9	2.301	3.119	12.5	20.6
5 1	16 39.23	−26 26.2	2.205	3.110	9.7	20.4
5 11	16 32.07	−26 0.0	2.133	3.100	6.5	20.2
5 21	16 23.45	−25 25.3	2.086	3.090	2.9	19.9
5 31	16 14.22	−24 43.4	2.068	3.080	1.6	19.8
6 10	16 5.32	−23 57.2	2.079	3.069	5.1	20.1
6 20	15 57.60	−23 10.3	2.117	3.058	8.7	20.2
6 30	15 51.72	−22 26.7	2.179	3.046	11.8	20.4

105614 2000 RT_{101} 5 27.4 212°.60 1°.8/28.5 18

4 21	16 42.86	−29 11.4	2.574	3.384	11.6	19.7
5 1	16 37.88	−28 56.9	2.482	3.380	9.0	19.5
5 11	16 31.08	−28 33.6	2.413	3.375	6.2	19.3
5 21	16 23.03	−28 1.0	2.370	3.371	3.2	19.1
5 31	16 14.48	−27 20.4	2.357	3.365	2.0	19.0
6 10	16 6.27	−26 34.2	2.371	3.360	4.7	19.2
6 20	15 59.14	−25 45.7	2.414	3.355	7.7	19.4
6 30	15 53.68	−24 58.8	2.481	3.349	10.5	19.6

78254 2002 PJ_{13} 5 27.4 219°.44 5°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.85	−39 27.5	2.491	3.261	13.0	20.3
5 1	16 42.03	−39 36.4	2.394	3.253	10.8	20.1
5 11	16 33.93	−39 30.9	2.318	3.245	8.4	20.0
5 21	16 24.20	−39 8.5	2.267	3.236	6.2	19.8
5 31	16 13.81	−38 28.2	2.243	3.226	5.3	19.7
6 10	16 3.83	−37 32.3	2.247	3.216	6.4	19.8
6 20	15 55.22	−36 25.0	2.278	3.205	8.8	19.9
6 30	15 48.71	−35 12.2	2.333	3.194	11.4	20.1

297681 2001 UF_{148} 5 27.4 203°.25 0°.3/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.88	−23 0.2	2.811	3.628	10.5	22.5
5 1	16 37.70	−22 56.6	2.717	3.623	8.1	22.3
5 11	16 30.90	−22 48.8	2.648	3.618	5.2	22.1
5 21	16 22.95	−22 37.0	2.606	3.612	2.1	21.9
5 31	16 14.52	−22 21.9	2.594	3.606	1.2	21.8
6 10	16 6.34	−22 5.0	2.611	3.599	4.3	22.0
6 20	15 59.06	−21 48.2	2.656	3.592	7.3	22.2
6 30	15 53.24	−21 33.7	2.726	3.585	10.0	22.4

344606 2003 EM_{30} 5 27.4 123°.40 6°.8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.06	+ 1 17.1	2.766	3.567	11.1	21.6
5 1	16 36.03	+ 2 15.3	2.711	3.584	9.3	21.5
5 11	16 29.65	+ 3 4.6	2.680	3.601	7.7	21.4
5 21	16 22.40	+ 3 41.6	2.674	3.617	6.8	21.3
5 31	16 14.88	+ 4 3.6	2.696	3.632	7.1	21.4
6 10	16 7.72	+ 4 9.4	2.743	3.647	8.4	21.5
6 20	16 1.45	+ 3 59.2	2.816	3.662	10.0	21.6
6 30	15 56.51	+ 3 34.5	2.910	3.676	11.7	21.8

308392 2005 SB_{35} 5 27.4 203°.46 3°.7/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.99	−10 31.3	2.688	3.516	10.6	21.6
5 1	16 35.44	− 9 49.4	2.605	3.513	8.3	21.4
5 11	16 29.41	− 9 9.3	2.546	3.509	5.8	21.2
5 21	16 22.35	− 8 33.4	2.514	3.506	3.9	21.1
5 31	16 14.88	− 8 4.3	2.511	3.502	4.1	21.1
6 10	16 7.69	− 7 44.0	2.535	3.498	6.2	21.2
6 20	16 1.35	− 7 34.0	2.586	3.493	8.8	21.4
6 30	15 56.38	− 7 34.5	2.661	3.488	11.1	21.5

106968 2000 YT_{86} 5 27.4 56°.90 0°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.05	−20 50.9	1.314	2.170	17.9	19.4
5 1	16 41.44	−20 38.3	1.258	2.185	13.7	19.2
5 11	16 33.84	−20 20.5	1.222	2.200	8.8	18.9
5 21	16 24.20	−19 58.8	1.208	2.216	3.5	18.7
5 31	16 13.89	−19 35.3	1.220	2.232	2.2	18.6
6 10	16 4.41	−19 13.8	1.256	2.248	7.4	19.0
6 20	15 56.95	−18 57.7	1.315	2.264	12.1	19.3
6 30	15 52.29	−18 50.1	1.395	2.281	16.1	19.6

85895 1999 CS_{48} 5 27.4 148°.16 7°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.66	− 1 2.8	2.035	2.852	14.0	19.2
5 1	16 39.30	− 0 11.0	1.971	2.860	11.5	19.1
5 11	16 32.00	+ 0 30.8	1.930	2.867	9.2	18.9
5 21	16 23.40	+ 0 58.3	1.913	2.874	7.8	18.9
5 31	16 14.32	+ 1 8.0	1.922	2.881	8.1	18.9
6 10	16 5.70	+ 0 58.5	1.957	2.887	9.8	19.0
6 20	15 58.31	+ 0 30.5	2.016	2.892	12.2	19.2
6 30	15 52.75	− 0 13.9	2.096	2.897	14.6	19.3

405029 2001 QH_{288} 5 27.4 297°.25 3°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.60	−16 6.1	1.271	2.135	17.9	21.0
5 1	16 40.27	−15 32.5	1.179	2.110	14.0	20.7
5 11	16 33.65	−14 56.0	1.106	2.085	9.4	20.3
5 21	16 24.39	−14 19.5	1.055	2.059	4.8	20.0
5 31	16 13.67	−13 47.4	1.027	2.034	4.6	19.9
6 10	16 3.12	−13 24.7	1.023	2.009	9.6	20.1
6 20	15 54.28	−13 15.3	1.040	1.985	15.0	20.3
6 30	15 48.38	−13 21.9	1.076	1.960	19.9	20.5

11906 1992 AE_{1} 5 27.4 98°.32 3°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.89	−12 39.1	2.019	2.851	13.5	17.9
5 1	16 40.25	−12 30.9	1.957	2.869	10.4	17.7
5 11	16 32.61	−12 25.5	1.919	2.888	6.9	17.5
5 21	16 23.64	−12 24.3	1.906	2.906	3.8	17.4
5 31	16 14.24	−12 28.8	1.921	2.924	3.6	17.4
6 10	16 5.35	−12 39.9	1.963	2.941	6.5	17.6
6 20	15 57.79	−12 58.2	2.032	2.958	9.8	17.8
6 30	15 52.14	−13 23.8	2.124	2.975	12.7	18.1

519430 2011 UB_{416} 5 27.4 50°.10 0°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.19	−23 30.3	2.245	3.075	12.4	21.2
5 1	16 36.72	−23 1.7	2.165	3.078	9.5	21.0
5 11	16 30.39	−22 26.6	2.108	3.081	6.1	20.8
5 21	16 22.78	−21 46.2	2.077	3.084	2.4	20.6
5 31	16 14.71	−21 2.6	2.075	3.087	1.4	20.5
6 10	16 7.04	−20 18.9	2.100	3.090	5.1	20.8
6 20	16 0.53	−19 38.3	2.152	3.093	8.5	21.0
6 30	15 55.76	−19 3.9	2.228	3.096	11.6	21.2

361545 2007 PS_{27} 5 27.4 293°.07 5°.7/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.85	−31 24.2	1.379	2.213	18.4	20.9
5 1	16 43.98	−32 15.6	1.280	2.187	15.0	20.6
5 11	16 36.38	−32 57.4	1.200	2.161	11.0	20.3
5 21	16 25.60	−33 24.0	1.142	2.135	7.1	20.0
5 31	16 12.94	−33 30.5	1.107	2.109	5.9	19.8
6 10	16 0.30	−33 16.5	1.096	2.082	9.2	19.9
6 20	15 49.55	−32 46.4	1.107	2.056	13.9	20.1
6 30	15 42.19	−32 8.0	1.139	2.030	18.5	20.3

500878 2013 JG_{64} 5 27.4 223°.77 0°.3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 20.15	−10 4.8	44.535	45.357	0.7	24.4
5 1	16 19.53	−10 1.4	44.451	45.356	0.6	24.3
5 11	16 18.84	− 9 58.3	44.392	45.354	0.4	24.3
5 21	16 18.11	− 9 55.4	44.362	45.352	0.3	24.3
5 31	16 17.36	− 9 53.0	44.361	45.351	0.3	24.3
6 10	16 16.62	− 9 51.0	44.388	45.349	0.4	24.3
6 20	16 15.92	− 9 49.5	44.442	45.348	0.6	24.3
6 30	16 15.28	− 9 48.6	44.522	45.346	0.8	24.4

79045 4071 $T\text{-}_{2}$ 5 27.4 294°.63 0°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.19	−21 21.1	1.981	2.817	13.6	18.9
5 1	16 38.61	−21 21.9	1.897	2.813	10.4	18.7
5 11	16 31.81	−21 19.0	1.835	2.809	6.7	18.5
5 21	16 23.42	−21 12.6	1.798	2.805	2.7	18.2
5 31	16 14.33	−21 3.4	1.789	2.801	1.5	18.1
6 10	16 5.59	−20 53.5	1.806	2.797	5.7	18.4
6 20	15 58.12	−20 45.0	1.850	2.793	9.6	18.6
6 30	15 52.64	−20 40.4	1.917	2.789	13.0	18.8

125800 2001 XX_{156} 5 27.4 181°.74 0°.6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.14	−24 15.9	2.374	3.191	12.2	21.2
5 1	16 40.44	−24 4.7	2.287	3.193	9.4	21.0
5 11	16 32.78	−23 47.3	2.224	3.193	6.1	20.8
5 21	16 23.76	−23 23.9	2.188	3.193	2.6	20.6
5 31	16 14.19	−22 55.5	2.180	3.192	1.4	20.5
6 10	16 4.99	−22 24.7	2.202	3.191	5.0	20.8
6 20	15 56.96	−21 54.1	2.251	3.188	8.4	21.0
6 30	15 50.74	−21 27.0	2.324	3.185	11.4	21.1

307216 2002 GR_{71} 5 27.4 51°.38 0°.8/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.53	−22 25.0	1.229	2.086	18.9	20.1
5 1	16 42.87	−22 44.6	1.175	2.102	14.5	19.9
5 11	16 34.93	−22 58.8	1.140	2.118	9.4	19.6
5 21	16 24.70	−23 6.5	1.128	2.135	3.9	19.4
5 31	16 13.69	−23 7.8	1.139	2.152	2.1	19.3
6 10	16 3.56	−23 5.0	1.175	2.169	7.4	19.7
6 20	15 55.63	−23 1.6	1.234	2.187	12.3	20.0
6 30	15 50.76	−23 1.3	1.313	2.205	16.5	20.3

230340 2002 CH_{200} 5 27.4 336°.58 3°.9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.48	−29 58.1	1.531	2.369	16.8	19.6
5 1	16 39.75	−30 22.8	1.450	2.361	13.3	19.3
5 11	16 33.02	−30 36.5	1.388	2.354	9.4	19.1
5 21	16 24.03	−30 36.4	1.349	2.347	5.4	18.8
5 31	16 14.00	−30 21.6	1.334	2.340	4.1	18.7
6 10	16 4.42	−29 54.2	1.345	2.335	7.3	18.9
6 20	15 56.59	−29 19.0	1.378	2.330	11.5	19.1
6 30	15 51.51	−28 42.1	1.434	2.325	15.4	19.4

201155 2002 KL_{5} 5 27.4 340°.80 0°.8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.96	−23 32.8	1.498	2.353	16.2	19.4
5 1	16 36.77	−22 37.8	1.417	2.344	12.4	19.1
5 11	16 30.91	−21 31.2	1.356	2.335	8.0	18.9
5 21	16 23.13	−20 15.7	1.320	2.327	3.2	18.6
5 31	16 14.57	−18 55.9	1.308	2.320	2.2	18.5
6 10	16 6.51	−17 38.7	1.323	2.314	7.2	18.8
6 20	16 0.08	−16 30.3	1.360	2.308	11.9	19.0
6 30	15 56.08	−15 35.8	1.419	2.304	15.9	19.2

278843 2008 SV_{305} 5 27.4 254°.00 5°.8/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.87	− 8 37.6	1.865	2.706	14.1	20.5
5 1	16 37.51	− 7 36.5	1.791	2.703	11.1	20.3
5 11	16 31.04	− 6 38.8	1.738	2.700	8.1	20.1
5 21	16 23.11	− 5 49.0	1.711	2.698	6.0	20.0
5 31	16 14.59	− 5 11.6	1.710	2.695	6.4	20.0
6 10	16 6.47	− 4 49.9	1.735	2.692	8.9	20.1
6 20	15 59.60	− 4 45.2	1.783	2.690	12.0	20.3
6 30	15 54.67	− 4 57.2	1.853	2.687	15.0	20.5

266246 2006 XH_{70} 5 27.4 175°.89 3°.4/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.77	−12 45.6	2.030	2.861	13.5	21.7
5 1	16 40.33	−12 23.3	1.952	2.864	10.4	21.5
5 11	16 32.80	−12 2.7	1.897	2.865	7.0	21.3
5 21	16 23.80	−11 46.0	1.867	2.867	4.0	21.1
5 31	16 14.21	−11 35.5	1.866	2.867	3.9	21.1
6 10	16 5.01	−11 32.9	1.892	2.867	6.9	21.3
6 20	15 57.06	−11 39.5	1.944	2.867	10.3	21.5
6 30	15 51.03	−11 55.7	2.019	2.866	13.4	21.7

407845 2012 BH_{35} 5 27.4 190°.43 1°.4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.54	−26 30.0	1.712	2.540	15.7	21.9
5 1	16 43.08	−26 17.9	1.629	2.539	12.2	21.7
5 11	16 34.87	−25 55.7	1.568	2.538	8.1	21.5
5 21	16 24.70	−25 22.9	1.532	2.536	3.7	21.2
5 31	16 13.71	−24 40.9	1.523	2.534	2.0	21.1
6 10	16 3.26	−23 53.6	1.540	2.531	6.4	21.3
6 20	15 54.49	−23 5.9	1.583	2.528	10.7	21.6
6 30	15 48.24	−22 23.1	1.649	2.524	14.6	21.8

410402 2007 XR_{22} 5 27.4 192°.43 2°.1/26.7 17

4 21	16 48.06	−15 55.8	2.141	2.965	13.1	22.0
5 1	16 42.07	−15 44.9	2.054	2.963	10.1	21.8
5 11	16 33.94	−15 33.6	1.990	2.961	6.6	21.6
5 21	16 24.27	−15 23.1	1.953	2.957	3.1	21.3
5 31	16 13.95	−15 14.9	1.945	2.953	2.7	21.3
6 10	16 3.96	−15 10.7	1.966	2.947	6.2	21.5
6 20	15 55.18	−15 12.0	2.013	2.941	9.8	21.7
6 30	15 48.34	−15 20.3	2.084	2.934	13.0	21.9

482803 2013 TY_{135} 5 27.4 174°.49 10°.3/ 2.0 18

4 21	16 59.38	−46 41.8	1.175	1.961	23.8	20.8
5 1	16 53.36	−46 32.6	1.101	1.963	20.4	20.6
5 11	16 42.32	−45 46.6	1.042	1.964	16.5	20.3
5 21	16 27.74	−44 14.8	1.002	1.965	12.7	20.1
5 31	16 12.11	−41 54.9	0.984	1.966	10.4	20.0
6 10	15 58.17	−38 56.9	0.989	1.966	11.4	20.0
6 20	15 47.85	−35 40.0	1.019	1.965	15.0	20.2
6 30	15 42.08	−32 25.4	1.070	1.964	19.2	20.5

26660 Samahalpern 5 27.4 187°.95 0°.8/27.6 18

4 21	16 49.32	−22 8.9	1.694	2.527	15.6	18.4
5 1	16 43.74	−22 33.3	1.613	2.527	12.1	18.2
5 11	16 35.37	−22 54.3	1.554	2.526	7.9	17.9
5 21	16 24.93	−23 10.6	1.520	2.526	3.3	17.6
5 31	16 13.56	−23 21.4	1.512	2.524	1.8	17.5
6 10	16 2.61	−23 27.9	1.532	2.522	6.5	17.8
6 20	15 53.26	−23 32.1	1.577	2.520	10.9	18.1
6 30	15 46.43	−23 37.2	1.644	2.518	14.7	18.3

437727 2014 DX_{121} 5 27.4 187°.19 4°.9/24.8 17

4 21	16 41.21	− 8 18.0	2.355	3.183	11.9	21.1
5 1	16 36.57	− 7 27.4	2.277	3.183	9.4	20.9
5 11	16 30.24	− 6 40.2	2.224	3.183	6.9	20.8
5 21	16 22.76	− 5 59.6	2.197	3.182	5.0	20.6
5 31	16 14.82	− 5 28.9	2.197	3.181	5.3	20.7
6 10	16 7.22	− 5 10.4	2.225	3.179	7.4	20.8
6 20	16 0.61	− 5 5.1	2.277	3.178	10.1	20.9
6 30	15 55.55	− 5 13.1	2.353	3.176	12.5	21.1

292166 2006 SV_{7} 5 27.4 259°.68 2°.4/26.5 17

4 21	16 45.71	−16 51.9	1.774	2.614	14.7	21.4
5 1	16 40.90	−16 27.9	1.677	2.596	11.4	21.1
5 11	16 33.53	−16 1.7	1.602	2.576	7.5	20.8
5 21	16 24.22	−15 35.0	1.552	2.557	3.5	20.5
5 31	16 13.94	−15 10.3	1.529	2.537	3.2	20.5
6 10	16 3.89	−14 50.8	1.532	2.516	7.3	20.7
6 20	15 55.17	−14 39.2	1.561	2.495	11.6	20.9
6 30	15 48.69	−14 37.7	1.611	2.474	15.5	21.1

75846 Jandorf 5 27.4 162°.62 0°.9/27.1 18

4 21	16 44.05	−19 12.0	2.180	3.011	12.7	20.2
5 1	16 38.98	−19 7.8	2.099	3.013	9.7	20.0
5 11	16 31.92	−19 1.5	2.042	3.016	6.2	19.8
5 21	16 23.46	−18 53.5	2.011	3.018	2.5	19.6
5 31	16 14.43	−18 45.1	2.009	3.020	1.8	19.5
6 10	16 5.77	−18 37.9	2.034	3.021	5.4	19.8
6 20	15 58.28	−18 33.6	2.085	3.023	9.0	20.0
6 30	15 52.62	−18 34.1	2.161	3.024	12.1	20.2

500768 2013 CP_{42} 5 27.4 351°.24 0°.7/27.6 17

4 21	16 38.97	−23 16.8	0.964	1.848	20.6	21.0
5 1	16 37.34	−23 16.1	0.898	1.840	16.0	20.7
5 11	16 31.99	−23 6.2	0.850	1.833	10.5	20.3
5 21	16 23.76	−22 47.3	0.820	1.828	4.4	20.0
5 31	16 14.23	−22 21.2	0.812	1.825	2.3	19.8
6 10	16 5.36	−21 52.8	0.824	1.822	8.7	20.2
6 20	15 58.81	−21 27.8	0.857	1.822	14.6	20.5
6 30	15 55.74	−21 11.3	0.906	1.823	19.7	20.8

37166 2000 WB_{22} 5 27.4 206°.90 0°.5/27.2 18

4 21	16 44.39	−18 28.1	2.641	3.461	11.0	19.3
5 1	16 38.99	−18 46.9	2.549	3.458	8.4	19.1
5 11	16 31.83	−19 5.3	2.483	3.454	5.4	18.9
5 21	16 23.42	−19 23.2	2.443	3.450	2.2	18.7
5 31	16 14.44	−19 40.5	2.434	3.445	1.4	18.6
6 10	16 5.68	−19 57.7	2.453	3.440	4.7	18.8
6 20	15 57.84	−20 15.6	2.501	3.435	7.8	19.0
6 30	15 51.54	−20 35.1	2.574	3.430	10.6	19.2

209510 2004 PE_{85} 5 27.4 258°.56 2°.9/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.98	−15 46.1	1.619	2.462	15.8	20.7
5 1	16 42.14	−15 22.6	1.523	2.443	12.3	20.4
5 11	16 34.48	−14 57.7	1.449	2.423	8.2	20.1
5 21	16 24.65	−14 33.8	1.399	2.403	4.0	19.8
5 31	16 13.70	−14 13.4	1.376	2.382	3.8	19.7
6 10	16 2.98	−13 59.8	1.378	2.361	8.0	19.9
6 20	15 53.70	−13 55.7	1.405	2.339	12.6	20.1
6 30	15 46.89	−14 3.0	1.452	2.317	16.8	20.3

493604 2015 MD_{104} 5 27.4 251°.21 4°.2/29.9 18

4 21	16 44.06	−36 18.9	2.533	3.320	12.4	21.2
5 1	16 39.04	−36 19.1	2.437	3.312	10.1	21.0
5 11	16 31.98	−36 6.7	2.363	3.304	7.5	20.8
5 21	16 23.49	−35 40.1	2.314	3.296	5.1	20.6
5 31	16 14.42	−34 59.2	2.293	3.287	4.2	20.6
6 10	16 5.73	−34 6.3	2.300	3.279	5.6	20.6
6 20	15 58.23	−33 5.4	2.334	3.270	8.2	20.8
6 30	15 52.60	−32 1.4	2.393	3.262	10.9	20.9

132689 2002 NC_{28} 5 27.4 286°.02 2°.7/26.1 18

4 21	16 42.35	−16 43.2	2.043	2.882	13.1	19.6
5 1	16 38.03	−15 58.7	1.937	2.854	10.2	19.4
5 11	16 31.54	−15 10.3	1.853	2.826	6.7	19.1
5 21	16 23.40	−14 20.3	1.795	2.798	3.4	18.8
5 31	16 14.44	−13 32.2	1.764	2.770	3.4	18.8
6 10	16 5.65	−12 49.8	1.761	2.741	6.9	18.9
6 20	15 57.93	−12 16.6	1.783	2.712	10.8	19.1
6 30	15 52.09	−11 55.2	1.828	2.683	14.3	19.3

40539 1999 RL_{104} 5 27.4 207°.32 2°.5/25.9 18

4 21	16 43.38	−16 25.2	2.313	3.143	12.1	19.9
5 1	16 38.34	−15 37.1	2.225	3.138	9.3	19.7
5 11	16 31.45	−14 46.2	2.161	3.133	6.1	19.5
5 21	16 23.28	−13 55.0	2.124	3.126	3.2	19.3
5 31	16 14.59	−13 6.6	2.116	3.120	3.2	19.3
6 10	16 6.23	−12 24.4	2.136	3.113	6.1	19.5
6 20	15 58.95	−11 50.9	2.183	3.105	9.4	19.7
6 30	15 53.34	−11 28.2	2.253	3.097	12.3	19.9

118832 2000 SF_{174} 5 27.4 128°.43 2°.5/28.8 17

4 21	16 47.36	−30 45.8	2.175	2.983	13.5	20.1
5 1	16 41.51	−30 32.4	2.101	2.996	10.6	20.0
5 11	16 33.50	−30 7.8	2.050	3.009	7.3	19.8
5 21	16 24.07	−29 31.4	2.024	3.022	3.9	19.6
5 31	16 14.19	−28 44.4	2.027	3.034	2.7	19.5
6 10	16 4.88	−27 50.3	2.057	3.045	5.3	19.7
6 20	15 57.02	−26 53.6	2.115	3.057	8.6	19.9
6 30	15 51.23	−25 59.0	2.198	3.067	11.7	20.2

479959 2014 JC_{4} 5 27.4 314°.01 3°.8/25.0 16

4 21	16 39.28	−14 22.9	2.098	2.941	12.6	21.2
5 1	16 35.43	−13 11.0	2.009	2.928	9.8	21.0
5 11	16 29.69	−11 56.2	1.944	2.916	6.7	20.8
5 21	16 22.61	−10 42.5	1.906	2.903	4.2	20.6
5 31	16 14.97	− 9 34.5	1.894	2.891	4.5	20.6
6 10	16 7.64	− 8 36.7	1.910	2.879	7.4	20.7
6 20	16 1.39	− 7 52.3	1.951	2.868	10.6	20.9
6 30	15 56.85	− 7 23.2	2.014	2.856	13.6	21.1

282506 2004 PD_{102} 5 27.4 335°.80 7°.2/25.9 16

4 21	16 42.76	− 1 42.0	1.801	2.630	15.0	19.6
5 1	16 38.42	− 1 37.4	1.717	2.616	12.3	19.4
5 11	16 31.81	− 1 45.7	1.655	2.604	9.5	19.2
5 21	16 23.53	− 2 10.6	1.616	2.592	7.5	19.1
5 31	16 14.45	− 2 54.2	1.602	2.580	7.5	19.0
6 10	16 5.65	− 3 56.2	1.614	2.570	9.7	19.1
6 20	15 58.07	− 5 14.6	1.651	2.560	12.7	19.3
6 30	15 52.50	− 6 45.8	1.709	2.551	15.7	19.5

506874 2007 YU_{69} 5 27.4 97°.19 2°.6/26.3 17

4 21	16 41.98	−14 17.7	2.258	3.092	12.2	21.8
5 1	16 37.24	−13 59.2	2.186	3.100	9.3	21.6
5 11	16 30.72	−13 41.5	2.136	3.107	6.2	21.4
5 21	16 22.99	−13 26.2	2.113	3.115	3.2	21.2
5 31	16 14.80	−13 15.3	2.118	3.123	3.1	21.2
6 10	16 7.00	−13 10.4	2.151	3.130	5.9	21.4
6 20	16 0.29	−13 12.6	2.210	3.137	9.0	21.6
6 30	15 55.24	−13 22.6	2.292	3.145	11.8	21.8

153452 2001 QQ_{286} 5 27.4 163°.56 8°.9/21.3 17

4 21	16 44.09	+ 6 46.6	2.636	3.413	12.2	21.5
5 1	16 38.49	+ 8 16.1	2.577	3.422	10.6	21.4
5 11	16 31.35	+ 9 34.1	2.542	3.429	9.4	21.3
5 21	16 23.20	+10 35.5	2.533	3.435	8.9	21.3
5 31	16 14.70	+11 16.7	2.549	3.441	9.4	21.3
6 10	16 6.54	+11 35.7	2.591	3.446	10.5	21.4
6 20	15 59.35	+11 33.0	2.655	3.449	12.0	21.5
6 30	15 53.61	+11 10.7	2.739	3.452	13.5	21.7

30837 Steinheil 5 27.4 130°.71 5°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.24	− 2 43.4	2.623	3.437	11.3	19.2
5 1	16 36.36	− 2 8.0	2.557	3.446	9.1	19.0
5 11	16 30.00	− 1 39.8	2.514	3.456	7.1	18.9
5 21	16 22.67	− 1 21.8	2.498	3.465	5.8	18.8
5 31	16 14.99	− 1 16.1	2.508	3.474	6.0	18.9
6 10	16 7.65	− 1 23.8	2.546	3.482	7.6	19.0
6 20	16 1.22	− 1 44.7	2.609	3.490	9.6	19.1
6 30	15 56.18	− 2 17.6	2.695	3.498	11.7	19.3

270512 2002 FD_{30} 5 27.4 80°.38 3°.8/28.4 17

4 21	16 49.69	−28 54.0	1.784	2.603	15.5	20.4
5 1	16 43.95	−29 48.0	1.716	2.617	12.2	20.2
5 11	16 35.45	−30 34.1	1.670	2.630	8.5	20.0
5 21	16 24.97	−31 8.8	1.648	2.644	5.0	19.8
5 31	16 13.69	−31 29.8	1.654	2.657	4.0	19.8
6 10	16 2.94	−31 37.7	1.686	2.670	6.7	20.0
6 20	15 53.88	−31 35.7	1.743	2.684	10.2	20.2
6 30	15 47.37	−31 28.1	1.824	2.697	13.5	20.4

494288 2016 RJ_{15} 5 27.4 264°.85 0°.8/27.9 18

4 21	16 42.83	−26 10.6	2.104	2.931	13.2	21.2
5 1	16 38.23	−25 41.7	2.017	2.927	10.2	21.0
5 11	16 31.53	−25 3.6	1.952	2.922	6.7	20.8
5 21	16 23.35	−24 17.0	1.913	2.918	2.9	20.5
5 31	16 14.60	−23 23.9	1.902	2.914	1.5	20.4
6 10	16 6.26	−22 28.0	1.918	2.909	5.4	20.7
6 20	15 59.18	−21 33.6	1.961	2.905	9.1	20.9
6 30	15 54.04	−20 44.8	2.028	2.900	12.4	21.1

420418 2012 DD_{16} 5 27.4 156°.73 1°.6/27.9 16

4 21	16 48.80	−24 32.8	1.744	2.573	15.4	21.5
5 1	16 43.26	−24 56.2	1.667	2.577	11.9	21.3
5 11	16 35.02	−25 13.9	1.611	2.581	7.9	21.1
5 21	16 24.82	−25 24.5	1.580	2.584	3.6	20.8
5 31	16 13.78	−25 27.1	1.576	2.587	2.2	20.7
6 10	16 3.20	−25 23.3	1.599	2.590	6.3	21.0
6 20	15 54.24	−25 16.0	1.648	2.592	10.4	21.2
6 30	15 47.76	−25 8.8	1.719	2.594	14.1	21.4

501771 2014 UQ_{204} 5 27.4 300°.78 4°.9/25.7 17

4 21	16 42.81	−14 30.3	1.278	2.142	17.8	21.0
5 1	16 39.69	−13 38.6	1.182	2.113	14.0	20.7
5 11	16 33.36	−12 43.2	1.105	2.083	9.7	20.3
5 21	16 24.38	−11 48.5	1.051	2.053	5.6	20.0
5 31	16 13.93	−11 0.5	1.019	2.023	5.9	19.9
6 10	16 3.57	−10 25.6	1.011	1.993	10.5	20.1
6 20	15 54.83	−10 8.5	1.024	1.963	15.7	20.3
6 30	15 48.97	−10 11.7	1.055	1.934	20.6	20.5

174626 2003 SN_{77} 5 27.4 209°.05 4°.0/28.9 18

4 21	16 48.93	−31 56.9	1.736	2.552	16.0	20.4
5 1	16 43.60	−32 8.1	1.651	2.549	12.8	20.2
5 11	16 35.36	−32 6.3	1.587	2.545	9.1	19.9
5 21	16 24.99	−31 48.9	1.546	2.540	5.5	19.7
5 31	16 13.69	−31 15.4	1.532	2.536	4.1	19.6
6 10	16 2.90	−30 28.7	1.543	2.531	6.9	19.8
6 20	15 53.85	−29 34.4	1.581	2.525	10.8	20.0
6 30	15 47.46	−28 39.0	1.640	2.519	14.5	20.2

351860 2006 RC_{121} 5 27.4 167°.07 2°.8/28.8 17

4 21	16 44.77	−30 46.1	2.675	3.475	11.4	22.2
5 1	16 39.36	−31 2.0	2.589	3.478	9.0	22.1
5 11	16 32.11	−31 9.9	2.527	3.482	6.4	21.9
5 21	16 23.57	−31 8.4	2.491	3.484	3.8	21.7
5 31	16 14.50	−30 57.4	2.483	3.487	2.9	21.7
6 10	16 5.76	−30 38.2	2.505	3.489	4.9	21.8
6 20	15 58.09	−30 13.3	2.553	3.490	7.6	22.0
6 30	15 52.10	−29 46.2	2.627	3.491	10.1	22.2

436977 2012 TM_{189} 5 27.4 332°.27 4°.0/27.9 16

4 21	16 39.83	−26 8.7	1.226	2.090	18.4	20.4
5 1	16 37.92	−27 5.9	1.132	2.060	14.7	20.1
5 11	16 32.53	−27 59.8	1.056	2.031	10.3	19.7
5 21	16 24.17	−28 46.3	1.001	2.004	5.7	19.4
5 31	16 14.03	−29 21.6	0.969	1.977	4.4	19.2
6 10	16 3.86	−29 44.1	0.959	1.953	8.7	19.4
6 20	15 55.47	−29 55.7	0.970	1.929	14.0	19.6
6 30	15 50.36	−30 1.1	0.999	1.908	19.0	19.8

170618 2003 YX_{50} 5 27.4 270°.17 3°.1/26.5 18

4 21	16 44.86	−12 20.6	2.125	2.956	13.0	20.5
5 1	16 39.84	−12 19.1	2.025	2.936	10.1	20.2
5 11	16 32.68	−12 20.8	1.947	2.916	6.9	20.0
5 21	16 23.90	−12 27.1	1.896	2.896	3.8	19.8
5 31	16 14.29	−12 39.4	1.872	2.876	3.6	19.7
6 10	16 4.83	−12 58.7	1.876	2.855	6.7	19.8
6 20	15 56.42	−13 25.5	1.907	2.834	10.3	20.0
6 30	15 49.82	−14 0.0	1.961	2.813	13.6	20.2

394786 2008 HE_{40} 5 27.4 358°.33 1°.9/26.5 16

	h m	° ′			°	m
4 21	16 39.54	−18 10.2	1.942	2.788	13.4	21.0
5 1	16 35.78	−17 37.8	1.864	2.786	10.2	20.8
5 11	16 29.98	−17 2.4	1.809	2.785	6.6	20.6
5 21	16 22.76	−16 26.2	1.779	2.784	3.0	20.4
5 31	16 14.97	−15 51.8	1.775	2.784	2.7	20.4
6 10	16 7.58	−15 22.3	1.799	2.784	6.2	20.6
6 20	16 1.41	−15 0.5	1.847	2.785	9.9	20.8
6 30	15 57.10	−14 48.1	1.918	2.786	13.1	21.0

97067 1999 VL_{21} 5 27.4 216°.96 1°.6/26.7 18

4 21	16 43.87	−17 40.3	2.350	3.177	12.0	20.7
5 1	16 38.77	−17 17.5	2.258	3.170	9.2	20.5
5 11	16 31.79	−16 52.4	2.190	3.162	6.0	20.3
5 21	16 23.47	−16 26.4	2.148	3.153	2.7	20.0
5 31	16 14.57	−16 1.5	2.135	3.144	2.3	20.0
6 10	16 5.95	−15 39.9	2.151	3.134	5.6	20.2
6 20	15 58.37	−15 23.7	2.193	3.124	9.0	20.4
6 30	15 52.48	−15 14.7	2.260	3.113	12.0	20.6

217553 2007 GA_{47} 5 27.4 20°.99 7°.1/23.4 17

4 21	16 40.60	−11 35.9	1.440	2.300	16.4	19.0
5 1	16 36.97	− 9 31.6	1.380	2.305	12.9	18.8
5 11	16 30.87	− 7 26.1	1.343	2.311	9.3	18.6
5 21	16 23.12	− 5 28.3	1.329	2.317	7.1	18.5
5 31	16 14.82	− 3 47.2	1.341	2.324	8.0	18.5
6 10	16 7.16	− 2 29.9	1.377	2.332	11.0	18.7
6 20	16 1.10	− 1 39.6	1.435	2.340	14.5	18.9
6 30	15 57.34	− 1 16.1	1.512	2.349	17.6	19.2

384898 2012 TR_{29} 5 27.4 299°.61 0°.8/27.2 17

4 21	16 43.86	−19 12.2	1.732	2.576	14.8	20.9
5 1	16 39.64	−19 19.0	1.637	2.558	11.5	20.6
5 11	16 32.83	−19 24.1	1.564	2.540	7.5	20.3
5 21	16 24.03	−19 28.0	1.516	2.523	3.0	20.0
5 31	16 14.22	−19 31.1	1.494	2.505	2.0	19.9
6 10	16 4.62	−19 34.9	1.498	2.488	6.6	20.2
6 20	15 56.36	−19 41.5	1.526	2.471	11.1	20.4
6 30	15 50.38	−19 52.8	1.577	2.454	15.0	20.6

518904 2010 FV_{79} 5 27.4 355°.50 5°.2/25.9 17

4 21	16 42.75	− 6 34.0	2.012	2.844	13.5	20.4
5 1	16 38.08	− 6 20.7	1.937	2.843	10.8	20.2
5 11	16 31.41	− 6 14.7	1.883	2.842	7.8	20.0
5 21	16 23.33	− 6 18.7	1.855	2.842	5.6	19.9
5 31	16 14.67	− 6 34.5	1.853	2.841	5.6	19.9
6 10	16 6.35	− 7 2.9	1.878	2.841	7.9	20.0
6 20	15 59.19	− 7 43.4	1.927	2.841	10.9	20.2
6 30	15 53.86	− 8 34.4	2.000	2.842	13.7	20.4

374622 2006 FK_{6} 5 27.4 55°.97 1°.3/27.8 17

4 21	16 47.34	−22 58.7	1.649	2.486	15.8	19.9
5 1	16 42.08	−23 33.0	1.588	2.504	12.1	19.7
5 11	16 34.18	−24 3.0	1.549	2.521	7.9	19.5
5 21	16 24.45	−24 27.2	1.534	2.539	3.4	19.3
5 31	16 14.06	−24 44.6	1.546	2.557	2.0	19.2
6 10	16 4.29	−24 56.2	1.584	2.575	6.2	19.5
6 20	15 56.22	−25 4.2	1.647	2.594	10.3	19.8
6 30	15 50.62	−25 11.6	1.733	2.612	13.8	20.1

98654 2000 WB_{146} 5 27.4 277°.05 5°.0/26.1 17

4 21	16 45.63	−11 0.1	1.490	2.339	16.6	19.8
5 1	16 41.22	−10 36.3	1.403	2.323	13.1	19.5
5 11	16 33.97	−10 16.7	1.337	2.308	9.1	19.3
5 21	16 24.51	−10 4.5	1.294	2.292	5.6	19.0
5 31	16 13.97	−10 3.1	1.276	2.276	5.6	19.0
6 10	16 3.69	−10 15.0	1.283	2.260	9.3	19.1
6 20	15 54.94	−10 41.1	1.313	2.244	13.6	19.3
6 30	15 48.73	−11 20.9	1.363	2.228	17.6	19.5

58861 1998 HV_{99} 5 27.4 72°.47 0°.2/27.4 18

4 21	16 44.97	−20 6.2	2.140	2.969	12.9	19.1
5 1	16 39.62	−20 19.9	2.077	2.989	9.8	18.9
5 11	16 32.29	−20 31.5	2.036	3.009	6.3	18.7
5 21	16 23.64	−20 40.7	2.022	3.029	2.5	18.5
5 31	16 14.54	−20 47.9	2.036	3.048	1.4	18.5
6 10	16 5.92	−20 54.2	2.079	3.068	5.2	18.8
6 20	15 58.56	−21 1.0	2.147	3.087	8.6	19.0
6 30	15 53.08	−21 10.0	2.240	3.107	11.6	19.2

227344 2005 UN_{61} 5 27.4 89°.59 0°.9/27.1 18

4 21	16 46.47	−20 35.2	1.844	2.678	14.5	21.4
5 1	16 40.93	−20 11.7	1.785	2.700	11.0	21.2
5 11	16 33.17	−19 43.8	1.748	2.722	7.0	21.0
5 21	16 23.98	−19 12.9	1.737	2.744	2.8	20.8
5 31	16 14.38	−18 41.4	1.754	2.765	1.9	20.8
6 10	16 5.43	−18 12.2	1.798	2.786	6.0	21.1
6 20	15 58.01	−17 48.4	1.868	2.806	9.8	21.3
6 30	15 52.73	−17 32.2	1.960	2.826	13.0	21.6

141293 2001 YD_{86} 5 27.4 71°.41 1°.1/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.62	−18 17.4	2.203	3.036	12.5	20.3
5 1	16 37.83	−18 15.1	2.131	3.047	9.5	20.1
5 11	16 31.16	−18 11.6	2.083	3.057	6.1	19.9
5 21	16 23.21	−18 7.4	2.061	3.067	2.5	19.7
5 31	16 14.78	−18 3.7	2.067	3.077	1.9	19.6
6 10	16 6.75	−18 1.8	2.100	3.088	5.3	19.9
6 20	15 59.87	−18 3.3	2.160	3.098	8.7	20.1
6 30	15 54.74	−18 9.4	2.244	3.108	11.6	20.3

174030 2001 YX_{154} 5 27.4 147°.30 4°.1/29.4 18

4 21	16 45.53	−34 46.2	2.592	3.380	12.1	20.8
5 1	16 40.10	−35 11.4	2.509	3.386	9.8	20.7
5 11	16 32.66	−35 26.3	2.449	3.391	7.2	20.5
5 21	16 23.83	−35 29.0	2.415	3.396	5.0	20.4
5 31	16 14.43	−35 18.7	2.408	3.401	4.1	20.3
6 10	16 5.39	−34 56.8	2.429	3.405	5.6	20.4
6 20	15 57.53	−34 26.2	2.477	3.409	8.0	20.6
6 30	15 51.49	−33 50.9	2.550	3.413	10.5	20.8

321917 2010 TH_{45} 5 27.4 345°.06 3°.2/26.2 17

4 21	16 42.58	−17 41.4	1.351	2.213	17.2	20.9
5 1	16 38.95	−16 49.0	1.279	2.209	13.2	20.6
5 11	16 32.44	−15 51.7	1.228	2.206	8.7	20.4
5 21	16 23.85	−14 53.3	1.199	2.204	4.3	20.1
5 31	16 14.43	−13 58.9	1.194	2.201	4.1	20.1
6 10	16 5.57	−13 14.3	1.214	2.200	8.6	20.3
6 20	15 58.48	−12 43.4	1.257	2.198	13.2	20.6
6 30	15 54.02	−12 28.9	1.319	2.198	17.3	20.8

353805 2012 TZ_{124} 5 27.4 248°.29 2°.9/29.0 17

4 21	16 46.08	−32 0.8	2.301	3.104	13.0	21.7
5 1	16 40.80	−31 49.8	2.197	3.088	10.4	21.5
5 11	16 33.27	−31 26.8	2.115	3.071	7.3	21.3
5 21	16 24.13	−30 50.7	2.059	3.054	4.2	21.1
5 31	16 14.27	−30 2.0	2.031	3.036	3.0	21.0
6 10	16 4.72	−29 3.4	2.031	3.018	5.5	21.1
6 20	15 56.41	−27 59.4	2.059	3.000	8.9	21.3
6 30	15 50.11	−26 55.3	2.111	2.981	12.0	21.4

270322 2001 XB_{60} 5 27.4 168°.64 3°.3/26.3 17

4 21	16 46.49	−11 19.4	2.287	3.109	12.4	21.3
5 1	16 40.68	−11 10.5	2.208	3.114	9.6	21.1
5 11	16 32.97	−11 4.8	2.153	3.118	6.6	20.9
5 21	16 23.95	−11 3.8	2.124	3.121	3.8	20.8
5 31	16 14.39	−11 9.0	2.124	3.124	3.7	20.8
6 10	16 5.19	−11 21.3	2.153	3.126	6.4	20.9
6 20	15 57.10	−11 41.2	2.209	3.128	9.5	21.1
6 30	15 50.74	−12 8.8	2.288	3.129	12.3	21.3

282759 2006 HO_{31} 5 27.4 57°.25 5°.7/24.5 18

4 21	16 41.68	−10 28.2	1.769	2.615	14.5	20.0
5 1	16 37.39	− 9 9.2	1.706	2.623	11.3	19.9
5 11	16 30.98	− 7 52.2	1.666	2.631	8.1	19.7
5 21	16 23.16	− 6 42.3	1.650	2.639	5.9	19.6
5 31	16 14.86	− 5 44.9	1.661	2.648	6.3	19.6
6 10	16 7.08	− 5 3.9	1.697	2.656	9.0	19.8
6 20	16 0.67	− 4 41.4	1.757	2.665	12.1	20.0
6 30	15 56.24	− 4 37.2	1.838	2.674	15.0	20.2

209493 2004 JZ_{6} 5 27.4 297°.36 5°.3/27.9 18

4 21	16 59.04	− 4 34.7	1.052	1.895	22.4	19.6
5 1	16 52.95	− 5 52.8	0.973	1.887	18.0	19.3
5 11	16 42.44	− 7 39.0	0.912	1.879	12.7	18.9
5 21	16 28.22	− 9 54.0	0.872	1.872	7.3	18.6
5 31	16 11.87	−12 32.4	0.858	1.864	5.7	18.5
6 10	15 55.69	−15 23.2	0.870	1.857	10.7	18.7
6 20	15 41.86	−18 14.6	0.906	1.850	16.7	19.0
6 30	15 32.03	−20 58.6	0.962	1.843	21.9	19.3

140719 2001 UL_{93} 5 27.4 169°.07 3°.9/25.3 18

4 21	16 41.47	− 8 21.3	2.811	3.631	10.4	20.3
5 1	16 36.52	− 7 50.3	2.733	3.635	8.2	20.2
5 11	16 30.13	− 7 22.7	2.680	3.638	5.9	20.0
5 21	16 22.78	− 7 0.7	2.654	3.641	4.2	19.9
5 31	16 15.06	− 6 46.5	2.657	3.643	4.3	19.9
6 10	16 7.61	− 6 41.5	2.688	3.645	6.2	20.0
6 20	16 1.02	− 6 46.2	2.745	3.647	8.5	20.2
6 30	15 55.75	− 7 0.6	2.827	3.648	10.7	20.3

290509 2005 UD_{33} 5 27.4 296°.96 0°.4/27.3 17

4 21	16 43.67	−21 30.0	1.601	2.448	15.7	21.6
5 1	16 39.65	−21 18.9	1.512	2.434	12.1	21.4
5 11	16 32.90	−21 2.4	1.444	2.420	7.9	21.1
5 21	16 24.08	−20 40.9	1.399	2.406	3.2	20.8
5 31	16 14.28	−20 16.0	1.381	2.393	1.9	20.6
6 10	16 4.81	−19 51.0	1.387	2.379	6.9	20.9
6 20	15 56.85	−19 29.4	1.418	2.366	11.5	21.1
6 30	15 51.34	−19 14.8	1.471	2.353	15.6	21.4

432850 2011 HW_{56} 5 27.4 50°.98 5°.6/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.13	− 6 59.5	1.646	2.486	15.7	20.8
5 1	16 40.19	− 6 49.8	1.585	2.497	12.4	20.6
5 11	16 32.88	− 6 48.9	1.545	2.508	8.9	20.4
5 21	16 23.95	− 6 59.6	1.528	2.519	6.1	20.3
5 31	16 14.43	− 7 23.4	1.538	2.531	6.0	20.3
6 10	16 5.45	− 8 0.6	1.573	2.542	8.7	20.5
6 20	15 57.99	− 8 49.9	1.633	2.554	12.0	20.7
6 30	15 52.73	− 9 49.3	1.714	2.567	15.2	21.0

227500 2005 XE_{78} 5 27.4 167°.73 2°.2/28.0 17

4 21	16 50.29	−25 34.2	2.185	2.997	13.3	21.2
5 1	16 44.00	−26 18.7	2.101	3.001	10.4	21.0
5 11	16 35.35	−26 58.8	2.040	3.004	7.0	20.8
5 21	16 24.98	−27 32.2	2.006	3.007	3.5	20.5
5 31	16 13.82	−27 57.2	2.001	3.009	2.5	20.5
6 10	16 2.96	−28 13.8	2.025	3.011	5.6	20.7
6 20	15 53.41	−28 23.8	2.076	3.013	9.0	20.9
6 30	15 45.95	−28 30.1	2.151	3.013	12.1	21.1

417449 2006 PR_{18} 5 27.4 283°.39 0°.6/27.3 17

4 21	16 45.77	−20 32.4	1.556	2.402	16.1	21.6
5 1	16 41.52	−20 27.1	1.457	2.379	12.6	21.3
5 11	16 34.30	−20 17.5	1.379	2.355	8.2	21.0
5 21	16 24.73	−20 3.9	1.324	2.331	3.3	20.7
5 31	16 13.90	−19 47.5	1.295	2.307	2.1	20.5
6 10	16 3.22	−19 30.9	1.292	2.283	7.4	20.8
6 20	15 54.03	−19 17.6	1.313	2.259	12.4	21.0
6 30	15 47.45	−19 11.1	1.354	2.234	16.8	21.2

512751 2016 UB_{39} 5 27.4 189°.56 3°.3/29.1 18

4 21	16 43.47	−32 33.6	2.787	3.582	11.2	21.9
5 1	16 38.41	−32 57.4	2.698	3.582	8.9	21.7
5 11	16 31.55	−33 12.8	2.632	3.581	6.5	21.6
5 21	16 23.40	−33 18.4	2.592	3.580	4.2	21.4
5 31	16 14.71	−33 13.6	2.581	3.579	3.4	21.4
6 10	16 6.28	−32 59.4	2.598	3.578	5.0	21.5
6 20	15 58.86	−32 38.2	2.642	3.577	7.4	21.6
6 30	15 53.06	−32 13.0	2.711	3.576	9.9	21.8

9335 1991 AA_{1} 5 27.4 223°.92 0°.8/27.1 18 R

4 21	16 44.20	−19 19.5	2.143	2.975	12.8	18.0
5 1	16 39.25	−19 15.0	2.055	2.969	9.8	17.8
5 11	16 32.23	−19 8.2	1.991	2.964	6.4	17.5
5 21	16 23.71	−18 59.6	1.952	2.958	2.6	17.3
5 31	16 14.54	−18 50.3	1.941	2.952	1.8	17.2
6 10	16 5.66	−18 42.1	1.958	2.946	5.6	17.5
6 20	15 57.95	−18 36.9	2.001	2.939	9.2	17.7
6 30	15 52.09	−18 36.6	2.068	2.933	12.5	17.9

422398 2014 SF_{279} 5 27.4 208°.06 1°.5/26.9 17

4 21	16 46.90	−19 1.6	1.653	2.494	15.6	21.6
5 1	16 41.86	−18 41.5	1.572	2.491	12.0	21.4
5 11	16 34.16	−18 17.6	1.512	2.487	7.8	21.1
5 21	16 24.54	−17 51.4	1.477	2.483	3.3	20.8
5 31	16 14.08	−17 25.1	1.468	2.479	2.5	20.8
6 10	16 4.07	−17 2.0	1.486	2.474	7.0	21.0
6 20	15 55.63	−16 45.2	1.529	2.469	11.4	21.3
6 30	15 49.59	−16 37.3	1.594	2.463	15.3	21.5

326936 2004 CT_{11} 5 27.4 143°.43 0°.6/27.7 17

4 21	16 47.90	−24 2.6	1.924	2.750	14.3	22.2
5 1	16 42.18	−23 52.6	1.850	2.760	11.0	22.0
5 11	16 34.11	−23 35.9	1.798	2.769	7.2	21.8
5 21	16 24.44	−23 12.4	1.772	2.778	3.0	21.6
5 31	16 14.18	−22 43.6	1.774	2.786	1.6	21.5
6 10	16 4.46	−22 12.4	1.803	2.794	5.7	21.8
6 20	15 56.22	−21 42.3	1.859	2.801	9.6	22.0
6 30	15 50.19	−21 16.7	1.939	2.807	13.0	22.2

194132 2001 SX_{300} 5 27.4 101°.66 0°.2/27.5 17

4 21	16 48.04	−23 20.9	1.403	2.249	17.6	20.7
5 1	16 43.01	−23 1.9	1.337	2.259	13.5	20.5
5 11	16 34.97	−22 34.6	1.293	2.268	8.7	20.2
5 21	16 24.84	−21 59.7	1.271	2.278	3.5	19.9
5 31	16 13.96	−21 19.8	1.275	2.287	1.9	19.9
6 10	16 3.85	−20 39.3	1.304	2.296	7.1	20.2
6 20	15 55.70	−20 3.1	1.357	2.305	11.9	20.5
6 30	15 50.37	−19 35.6	1.432	2.314	16.0	20.8

11737 1998 QL_{24} 5 27.4 118°.30 1°.9/26.7 18

4 21	16 44.95	−18 53.6	1.607	2.454	15.7	17.7
5 1	16 40.31	−18 21.3	1.534	2.456	12.0	17.5
5 11	16 33.10	−17 44.8	1.483	2.459	7.8	17.3
5 21	16 24.09	−17 6.4	1.455	2.461	3.4	17.0
5 31	16 14.37	−16 29.1	1.454	2.464	2.8	17.0
6 10	16 5.19	−15 56.8	1.479	2.466	7.1	17.2
6 20	15 57.61	−15 32.8	1.528	2.468	11.4	17.5
6 30	15 52.40	−15 19.6	1.599	2.471	15.1	17.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
511754 2015 DN_{146}			5 27.4 342°.94		8°.5/31.7 17	
	h m	° ′			°	m
4 21	16 42.52	−41 34.5	1.323	2.139	20.1	19.7
5 1	16 39.89	−41 44.2	1.242	2.128	17.0	19.4
5 11	16 33.55	−41 27.5	1.178	2.117	13.5	19.2
5 21	16 24.43	−40 38.9	1.134	2.108	10.2	18.9
5 31	16 14.16	−39 17.0	1.112	2.100	8.5	18.8
6 10	16 4.65	−37 26.9	1.112	2.093	9.9	18.9
6 20	15 57.51	−35 19.7	1.135	2.087	13.3	19.0
6 30	15 53.77	−33 8.5	1.179	2.083	17.1	19.3
9696 Jaffe			5 27.4 280°.22		0°.9/27.1 18	
4 21	16 44.93	−20 23.7	1.652	2.496	15.4	19.4
5 1	16 40.62	−20 8.4	1.555	2.476	12.0	19.2
5 11	16 33.57	−19 48.3	1.480	2.455	7.8	18.9
5 21	16 24.40	−19 24.1	1.428	2.435	3.2	18.5
5 31	16 14.15	−18 57.5	1.402	2.414	2.2	18.4
6 10	16 4.13	−18 31.9	1.403	2.393	7.0	18.6
6 20	15 55.54	−18 10.8	1.428	2.372	11.7	18.9
6 30	15 49.37	−17 57.7	1.474	2.350	15.9	19.1
489001 2005 UU_{530}			5 27.4 215°.35		5°.6/30.3 18	
4 21	16 47.60	−41 26.6	3.058	3.808	11.3	22.5
5 1	16 41.70	−42 5.7	2.960	3.800	9.5	22.4
5 11	16 33.77	−42 33.4	2.884	3.791	7.7	22.2
5 21	16 24.35	−42 47.0	2.833	3.783	6.2	22.1
5 31	16 14.23	−42 44.5	2.810	3.773	5.6	22.1
6 10	16 4.33	−42 26.7	2.814	3.763	6.3	22.1
6 20	15 55.50	−41 55.8	2.845	3.753	8.0	22.2
6 30	15 48.45	−41 16.0	2.901	3.743	9.9	22.3
295412 2008 JR_{28}			5 27.5 16°.76		1°.8/25.9 18	
4 21	16 34.09	−14 17.8	4.135	4.960	7.3	20.0
5 1	16 30.60	−13 47.1	4.052	4.961	5.5	19.9
5 11	16 26.20	−13 16.5	3.994	4.963	3.7	19.7
5 21	16 21.21	−12 47.1	3.964	4.964	2.1	19.6
5 31	16 16.00	−12 20.4	3.964	4.965	2.1	19.6
6 10	16 10.95	−11 57.6	3.993	4.966	3.7	19.7
6 20	16 6.43	−11 39.7	4.050	4.968	5.6	19.9
6 30	16 2.74	−11 27.5	4.132	4.969	7.3	20.0
181369 2006 SX_{3}			5 27.5 178°.68		3°.5/28.8 17	
4 21	16 49.22	−31 5.4	1.943	2.753	14.8	21.3
5 1	16 43.50	−31 21.7	1.860	2.755	11.7	21.1
5 11	16 35.16	−31 27.1	1.799	2.756	8.3	20.9
5 21	16 24.94	−31 19.4	1.762	2.757	4.9	20.6
5 31	16 13.93	−30 58.0	1.752	2.757	3.6	20.6
6 10	16 3.39	−30 25.1	1.770	2.756	6.3	20.7
6 20	15 54.42	−29 45.1	1.814	2.755	9.8	20.9
6 30	15 47.85	−29 3.3	1.881	2.753	13.2	21.1
351527 2005 SG_{137}			5 27.5 104°.39		2°.8/26.5 16	
4 21	16 47.37	−17 7.7	1.328	2.183	17.9	21.5
5 1	16 42.56	−16 34.8	1.264	2.190	13.7	21.3
5 11	16 34.73	−15 59.5	1.220	2.197	9.0	21.0
5 21	16 24.78	−15 24.5	1.199	2.204	4.2	20.8
5 31	16 14.05	−14 53.6	1.203	2.211	3.8	20.8
6 10	16 4.03	−14 30.7	1.232	2.218	8.3	21.1
6 20	15 55.95	−14 18.9	1.284	2.225	13.0	21.3
6 30	15 50.68	−14 19.9	1.356	2.231	17.1	21.6
192981 2000 DK_{57}			5 27.5 45°.25		4°.2/28.8 17	
4 21	16 47.87	−30 4.6	1.241	2.086	19.5	20.1
5 1	16 43.61	−30 27.6	1.176	2.091	15.4	19.9
5 11	16 35.77	−30 37.0	1.129	2.097	10.8	19.6
5 21	16 25.29	−30 29.4	1.104	2.103	6.1	19.4
5 31	16 13.76	−30 4.1	1.101	2.109	4.4	19.3
6 10	16 3.02	−29 24.8	1.123	2.115	8.1	19.5
6 20	15 54.59	−28 38.4	1.167	2.121	12.8	19.8
6 30	15 49.49	−27 52.6	1.232	2.128	17.0	20.1
100500 1996 XZ_{16}			5 27.5 106°.71		0°.3/27.6 17	
4 21	16 48.65	−22 23.7	1.619	2.456	16.0	20.7
5 1	16 43.11	−22 26.5	1.553	2.469	12.3	20.5
5 11	16 34.89	−22 24.0	1.509	2.483	8.0	20.2
5 21	16 24.80	−22 15.9	1.489	2.496	3.2	20.0
5 31	16 14.05	−22 3.2	1.496	2.508	1.7	19.9
6 10	16 3.94	−21 48.3	1.529	2.520	6.4	20.2
6 20	15 55.58	−21 34.5	1.588	2.532	10.7	20.5
6 30	15 49.75	−21 25.1	1.668	2.544	14.4	20.8
302206 2001 UJ_{138}			5 27.5 203°.42		2°.3/28.1 17	
4 21	16 50.79	−26 1.3	1.687	2.513	16.0	21.8
5 1	16 45.09	−26 29.0	1.602	2.510	12.5	21.6
5 11	16 36.43	−26 50.1	1.538	2.506	8.5	21.3
5 21	16 25.53	−27 2.2	1.499	2.501	4.2	21.0
5 31	16 13.58	−27 4.0	1.486	2.496	2.7	20.9
6 10	16 2.02	−26 56.8	1.501	2.491	6.7	21.2
6 20	15 52.14	−26 43.8	1.540	2.484	11.1	21.4
6 30	15 44.92	−26 29.9	1.603	2.477	14.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
392596 2011 SV_{216}			5 27.5 232°.02		6°.1/30.1 16	
	h m	° ′			°	m
4 21	16 47.06	−38 42.6	2.222	3.004	14.0	21.1
5 1	16 41.84	−39 21.4	2.136	3.002	11.7	20.9
5 11	16 34.12	−39 46.9	2.071	3.000	9.1	20.8
5 21	16 24.55	−39 55.4	2.030	2.998	6.9	20.6
5 31	16 14.16	−39 45.2	2.016	2.996	6.1	20.6
6 10	16 4.17	−39 17.4	2.028	2.993	7.3	20.6
6 20	15 55.63	−38 35.9	2.065	2.991	9.6	20.8
6 30	15 49.37	−37 46.3	2.125	2.989	12.2	20.9
59830 Reynek			5 27.5 182°.11		1°.0/27.9 18	
4 21	16 42.54	−25 19.8	2.954	3.766	10.2	20.7
5 1	16 37.46	−25 20.3	2.865	3.766	7.9	20.5
5 11	16 30.82	−25 15.7	2.800	3.766	5.2	20.3
5 21	16 23.12	−25 5.9	2.763	3.766	2.3	20.1
5 31	16 14.98	−24 51.4	2.754	3.766	1.3	20.1
6 10	16 7.09	−24 33.7	2.776	3.764	4.1	20.3
6 20	16 0.10	−24 14.7	2.825	3.763	6.9	20.4
6 30	15 54.50	−23 56.6	2.899	3.761	9.4	20.6
327756 2006 TP_{127}			5 27.5 167°.26		0°.3/27.4 17	
4 21	16 46.94	−20 58.3	1.767	2.603	14.9	21.6
5 1	16 41.74	−20 57.1	1.689	2.605	11.5	21.4
5 11	16 34.01	−20 51.9	1.633	2.607	7.4	21.2
5 21	16 24.49	−20 43.1	1.602	2.609	3.0	20.9
5 31	16 14.22	−20 31.4	1.598	2.610	1.7	20.8
6 10	16 4.41	−20 19.3	1.621	2.611	6.2	21.1
6 20	15 56.10	−20 9.3	1.670	2.612	10.4	21.4
6 30	15 50.10	−20 4.2	1.741	2.613	14.1	21.6
503176 2015 GK_{43}			5 27.5 162°.50		4°.3/25.4 18	
4 21	16 43.31	− 9 51.6	2.261	3.089	12.4	21.0
5 1	16 38.27	− 9 11.0	2.187	3.094	9.7	20.8
5 11	16 31.43	− 8 33.3	2.136	3.098	6.8	20.6
5 21	16 23.37	− 8 1.5	2.111	3.102	4.6	20.5
5 31	16 14.86	− 7 38.2	2.114	3.105	4.8	20.5
6 10	16 6.71	− 7 25.7	2.145	3.108	7.1	20.6
6 20	15 59.64	− 7 25.0	2.201	3.110	10.0	20.8
6 30	15 54.24	− 7 36.2	2.281	3.112	12.6	21.0
192096 2006 BX_{207}			5 27.5 159°.48		6°.6/30.7 17	
4 21	16 49.56	−40 23.1	2.078	2.854	15.1	20.7
5 1	16 43.86	−40 50.4	1.997	2.857	12.6	20.5
5 11	16 35.43	−41 1.4	1.936	2.860	9.9	20.4
5 21	16 25.06	−40 52.4	1.899	2.863	7.6	20.2
5 31	16 13.92	−40 21.9	1.887	2.865	6.6	20.2
6 10	16 3.35	−39 32.1	1.902	2.868	7.7	20.2
6 20	15 54.49	−38 28.3	1.942	2.870	10.1	20.4
6 30	15 48.16	−37 17.3	2.006	2.871	12.8	20.6
386189 2007 VM_{135}			5 27.5 126°.34		3°.2/29.2 18	
4 21	16 44.88	−32 26.8	2.186	2.993	13.5	20.7
5 1	16 39.84	−32 22.9	2.104	2.996	10.7	20.5
5 11	16 32.61	−32 7.2	2.045	3.000	7.6	20.3
5 21	16 23.88	−31 38.7	2.010	3.004	4.5	20.1
5 31	16 14.59	−30 57.9	2.004	3.007	3.3	20.0
6 10	16 5.78	−30 7.7	2.024	3.011	5.6	20.2
6 20	15 58.34	−29 12.5	2.072	3.014	8.7	20.4
6 30	15 52.93	−28 17.4	2.143	3.018	11.7	20.6
469566 2003 VE_{3}			5 27.5 219°.07		0°.2/27.4 17	
4 21	16 43.72	−22 27.1	2.245	3.072	12.5	21.7
5 1	16 38.81	−22 5.0	2.155	3.066	9.6	21.5
5 11	16 31.91	−21 37.2	2.088	3.060	6.2	21.3
5 21	16 23.61	−21 4.5	2.047	3.054	2.5	21.1
5 31	16 14.73	−20 28.7	2.035	3.047	1.4	21.0
6 10	16 6.17	−19 52.6	2.051	3.040	5.3	21.2
6 20	15 58.75	−19 19.2	2.094	3.033	8.9	21.4
6 30	15 53.13	−18 51.5	2.160	3.025	12.0	21.6
471911 2013 CK_{192}			5 27.5 179°.51		6°.7/23.8 18	
4 21	16 40.96	+ 1 43.8	2.782	3.581	11.1	21.7
5 1	16 36.16	+ 2 27.3	2.710	3.582	9.3	21.6
5 11	16 29.94	+ 3 1.8	2.661	3.582	7.7	21.4
5 21	16 22.76	+ 3 24.1	2.638	3.583	6.8	21.4
5 31	16 15.21	+ 3 31.6	2.642	3.583	7.1	21.4
6 10	16 7.94	+ 3 23.4	2.672	3.582	8.4	21.5
6 20	16 1.50	+ 2 59.6	2.727	3.581	10.1	21.6
6 30	15 56.37	+ 2 21.8	2.805	3.580	11.9	21.7
422571 2014 TB_{49}			5 27.5 193°.97		2°.7/26.3 17	
4 21	16 46.81	−15 46.5	1.924	2.757	14.0	21.6
5 1	16 41.37	−15 14.0	1.841	2.755	10.8	21.4
5 11	16 33.66	−14 40.1	1.781	2.753	7.1	21.2
5 21	16 24.34	−14 7.0	1.747	2.750	3.6	21.0
5 31	16 14.34	−13 37.5	1.741	2.746	3.4	20.9
6 10	16 4.74	−13 14.5	1.762	2.742	6.9	21.1
6 20	15 56.47	−13 0.5	1.808	2.736	10.7	21.3
6 30	15 50.27	−12 56.9	1.878	2.730	14.0	21.5

237523 2000 SB_{160} 5 27.5 223°.70 10°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.63	−53 37.6	2.446	3.131	15.3	21.9
5 1	16 51.54	−54 41.2	2.352	3.120	13.8	21.7
5 11	16 40.87	−55 25.8	2.276	3.108	12.3	21.6
5 21	16 27.41	−55 44.6	2.221	3.096	11.1	21.5
5 31	16 12.62	−55 32.8	2.189	3.084	10.5	21.4
6 10	15 58.32	−54 50.2	2.181	3.070	10.9	21.4
6 20	15 46.14	−53 41.3	2.197	3.056	12.0	21.5
6 30	15 37.21	−52 13.9	2.234	3.042	13.6	21.5

105701 2000 SS_{67} 5 27.5 278°.48 4°.5/25.1 17

4 21	16 40.37	−10 6.6	2.218	3.054	12.3	19.8
5 1	16 36.18	− 9 17.1	2.135	3.046	9.7	19.6
5 11	16 30.19	− 8 29.6	2.074	3.038	6.9	19.4
5 21	16 22.93	− 7 47.4	2.040	3.030	4.8	19.3
5 31	16 15.14	− 7 14.0	2.032	3.022	5.1	19.3
6 10	16 7.64	− 6 52.1	2.052	3.014	7.4	19.4
6 20	16 1.16	− 6 43.2	2.096	3.007	10.3	19.6
6 30	15 56.29	− 6 47.7	2.163	2.999	13.1	19.7

170821 2004 EA_{13} 5 27.5 82°.29 0°.3/27.4 17

4 21	16 43.55	−21 22.5	2.089	2.921	13.1	20.7
5 1	16 38.68	−21 14.4	2.018	2.933	10.0	20.5
5 11	16 31.80	−21 2.3	1.971	2.944	6.4	20.3
5 21	16 23.56	−20 46.8	1.949	2.955	2.5	20.1
5 31	16 14.82	−20 29.2	1.955	2.967	1.5	20.0
6 10	16 6.55	−20 11.7	1.988	2.978	5.3	20.3
6 20	15 59.53	−19 56.7	2.048	2.989	8.9	20.5
6 30	15 54.40	−19 46.3	2.131	3.000	12.0	20.8

21782 Davemcdonald 5 27.5 331°.70 4°.7/26.2 17

4 21	16 41.37	−13 10.4	1.222	2.091	18.1	18.3
5 1	16 38.44	−12 40.3	1.146	2.079	14.2	18.0
5 11	16 32.42	−12 12.2	1.090	2.068	9.7	17.7
5 21	16 24.02	−11 50.1	1.055	2.057	5.6	17.4
5 31	16 14.51	−11 38.3	1.043	2.047	5.5	17.4
6 10	16 5.41	−11 40.0	1.053	2.038	9.7	17.6
6 20	15 58.10	−11 57.1	1.085	2.030	14.5	17.8
6 30	15 53.61	−12 29.4	1.136	2.022	18.9	18.1

427507 2002 DH_5 5 27.5 76°.18 1°.0/23.1 18

4 21	16 22.60	+ 2 0.8	22.206	22.995	1.6	23.8
5 1	16 21.46	+ 2 9.1	22.145	23.008	1.3	23.8
5 11	16 20.18	+ 2 16.0	22.110	23.021	1.1	23.8
5 21	16 18.82	+ 2 21.4	22.102	23.033	1.0	23.8
5 31	16 17.42	+ 2 25.1	22.120	23.046	1.0	23.8
6 10	16 16.05	+ 2 26.9	22.166	23.059	1.2	23.8
6 20	16 14.75	+ 2 26.9	22.237	23.071	1.5	23.8
6 30	16 13.57	+ 2 24.9	22.332	23.084	1.7	23.9

119489 2001 UM_{64} 5 27.5 122°.01 1°.7/26.7 18

4 21	16 45.25	−19 24.4	1.896	2.732	14.1	20.3
5 1	16 40.08	−18 42.0	1.825	2.742	10.7	20.1
5 11	16 32.74	−17 55.1	1.778	2.752	6.9	19.9
5 21	16 23.94	−17 6.0	1.757	2.762	3.0	19.6
5 31	16 14.65	−16 18.0	1.763	2.772	2.6	19.6
6 10	16 5.90	−15 34.7	1.796	2.781	6.3	19.9
6 20	15 58.56	−14 59.6	1.855	2.790	10.1	20.1
6 30	15 53.28	−14 35.0	1.938	2.798	13.3	20.3

113378 2002 SM_9 5 27.5 295°.18 1°.4/26.9 18

4 21	16 42.73	−18 25.5	1.982	2.821	13.4	20.0
5 1	16 38.27	−18 10.6	1.899	2.817	10.3	19.8
5 11	16 31.68	−17 53.3	1.839	2.814	6.7	19.6
5 21	16 23.57	−17 35.0	1.804	2.810	2.9	19.3
5 31	16 14.81	−17 17.3	1.797	2.807	2.2	19.3
6 10	16 6.41	−17 2.7	1.816	2.804	6.0	19.5
6 20	15 59.24	−16 53.3	1.862	2.800	9.8	19.7
6 30	15 54.00	−16 50.9	1.930	2.797	13.1	19.9

158402 2001 YL_{117} 5 27.5 141°.11 4°.2/29.6 17

4 21	16 48.52	−34 47.2	2.090	2.886	14.3	20.2
5 1	16 42.73	−34 48.6	2.012	2.895	11.5	20.0
5 11	16 34.53	−34 36.1	1.955	2.903	8.4	19.9
5 21	16 24.68	−34 8.0	1.923	2.911	5.4	19.7
5 31	16 14.25	−33 24.5	1.919	2.918	4.2	19.6
6 10	16 4.40	−32 28.7	1.942	2.925	6.1	19.7
6 20	15 56.12	−31 25.9	1.992	2.931	9.2	19.9
6 30	15 50.12	−30 21.8	2.066	2.937	12.2	20.1

230955 2004 XX_{111} 5 27.5 238°.13 1°.7/28.2 18

4 21	16 44.79	−27 24.0	1.953	2.778	14.1	20.9
5 1	16 40.03	−27 16.3	1.866	2.774	11.0	20.7
5 11	16 32.90	−26 59.2	1.802	2.770	7.4	20.4
5 21	16 24.08	−26 32.4	1.763	2.766	3.6	20.2
5 31	16 14.55	−25 56.7	1.751	2.762	2.1	20.1
6 10	16 5.44	−25 15.3	1.766	2.757	5.7	20.3
6 20	15 57.72	−24 32.2	1.807	2.753	9.6	20.5
6 30	15 52.15	−23 51.9	1.871	2.748	13.0	20.7

18778 1999 JW_{43} 5 27.5 293°.35 2°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.72	−28 55.2	2.115	2.937	13.3	17.1
5 1	16 38.33	−28 39.3	2.021	2.926	10.5	16.9
5 11	16 31.76	−28 13.0	1.949	2.915	7.1	16.7
5 21	16 23.61	−27 35.9	1.903	2.904	3.6	16.5
5 31	16 14.80	−26 49.2	1.884	2.894	2.2	16.3
6 10	16 6.34	−25 56.0	1.892	2.883	5.4	16.5
6 20	15 59.13	−25 0.8	1.927	2.873	9.1	16.7
6 30	15 53.91	−24 8.2	1.985	2.862	12.4	16.9

297219 2011 KW_{21} 5 27.5 333°.91 2°.1/26.8 17

4 21	16 41.45	−16 54.4	1.659	2.510	15.0	20.0
5 1	16 37.75	−16 42.0	1.576	2.501	11.6	19.8
5 11	16 31.58	−16 28.8	1.515	2.492	7.6	19.5
5 21	16 23.60	−16 16.2	1.478	2.484	3.5	19.3
5 31	16 14.80	−16 6.4	1.466	2.476	2.9	19.2
6 10	16 6.34	−16 1.7	1.480	2.468	7.0	19.4
6 20	15 59.27	−16 4.0	1.519	2.462	11.2	19.7
6 30	15 54.42	−16 14.9	1.578	2.456	15.0	19.9

181741 1995 VG_{15} 5 27.5 188°.84 0°.2/27.6 18

4 21	16 42.71	−22 30.2	2.414	3.239	11.8	21.2
5 1	16 37.92	−22 28.3	2.329	3.239	9.0	21.0
5 11	16 31.29	−22 22.2	2.267	3.238	5.9	20.8
5 21	16 23.39	−22 12.2	2.232	3.238	2.4	20.6
5 31	16 14.95	−21 59.0	2.225	3.237	1.3	20.5
6 10	16 6.81	−21 44.3	2.246	3.236	4.8	20.7
6 20	15 59.73	−21 30.3	2.295	3.235	8.1	20.9
6 30	15 54.31	−21 19.2	2.367	3.234	11.0	21.1

469560 2003 UE_{189} 5 27.5 321°.93 2°.6/26.1 17

4 21	16 38.98	−20 39.9	1.415	2.278	16.5	19.8
5 1	16 36.50	−19 29.4	1.314	2.245	12.8	19.5
5 11	16 31.15	−18 5.9	1.233	2.214	8.4	19.2
5 21	16 23.56	−16 32.7	1.176	2.182	3.9	18.8
5 31	16 14.79	−14 56.1	1.143	2.152	3.8	18.7
6 10	16 6.24	−13 24.3	1.135	2.122	8.8	18.9
6 20	15 59.20	−12 5.4	1.149	2.093	13.9	19.1
6 30	15 54.73	−11 5.6	1.183	2.066	18.6	19.3

38097 1999 JW_{11} 5 27.5 46°.68 12°.6/28.7 18

4 21	16 54.03	+ 8 4.6	1.132	1.948	22.8	17.9
5 1	16 47.53	+ 7 53.2	1.093	1.972	19.3	17.7
5 11	16 37.79	+ 7 10.6	1.071	1.996	15.9	17.6
5 21	16 25.96	+ 5 52.6	1.068	2.021	13.3	17.5
5 31	16 13.65	+ 3 59.9	1.088	2.047	12.7	17.6
6 10	16 2.48	+ 1 39.4	1.131	2.073	14.2	17.8
6 20	15 53.69	− 0 58.6	1.197	2.100	16.9	18.0
6 30	15 48.04	− 3 44.1	1.283	2.126	19.8	18.3

10075 Campeche 5 27.5 102°.72 2°.6/26.5 18

4 21	16 47.44	−17 26.4	1.465	2.313	16.8	17.6
5 1	16 42.30	−16 49.6	1.403	2.325	12.9	17.4
5 11	16 34.42	−16 10.1	1.362	2.337	8.4	17.2
5 21	16 24.67	−15 30.5	1.345	2.349	3.9	17.0
5 31	16 14.29	−14 54.7	1.353	2.361	3.5	17.0
6 10	16 4.63	−14 26.4	1.387	2.373	7.8	17.2
6 20	15 56.77	−14 8.7	1.446	2.384	12.1	17.5
6 30	15 51.49	−14 3.3	1.525	2.394	15.8	17.8

304650 2006 WS_{16} 5 27.5 7°.25 0°.5/27.8 18

4 21	16 42.40	−26 6.8	2.165	2.991	12.9	20.2
5 1	16 37.83	−25 23.8	2.081	2.991	9.9	20.0
5 11	16 31.28	−24 31.2	2.020	2.991	6.5	19.8
5 21	16 23.38	−23 30.3	1.986	2.991	2.7	19.6
5 31	16 14.99	−22 23.9	1.980	2.992	1.4	19.5
6 10	16 7.05	−21 16.2	2.002	2.992	5.2	19.7
6 20	16 0.35	−20 11.7	2.050	2.993	8.8	19.9
6 30	15 55.51	−19 14.4	2.123	2.994	12.0	20.1

422361 2014 SX_{232} 5 27.5 209°.74 2°.5/26.5 16

4 21	16 47.64	−16 17.0	1.948	2.779	14.0	23.0
5 1	16 42.07	−15 47.0	1.859	2.772	10.8	22.7
5 11	16 34.18	−15 15.0	1.793	2.765	7.1	22.5
5 21	16 24.61	−14 43.1	1.753	2.756	3.5	22.3
5 31	16 14.29	−14 13.9	1.741	2.747	3.2	22.2
6 10	16 4.32	−13 50.4	1.756	2.737	6.9	22.4
6 20	15 55.64	−13 35.0	1.798	2.726	10.7	22.6
6 30	15 49.05	−13 29.7	1.862	2.715	14.2	22.8

358769 2008 DR_{13} 5 27.5 137°.34 8°.6/21.7 17

4 21	16 41.04	+10 27.3	3.010	3.771	11.2	21.7
5 1	16 36.06	+11 33.6	2.960	3.784	9.9	21.6
5 11	16 29.80	+12 27.2	2.933	3.798	9.0	21.5
5 21	16 22.72	+13 4.3	2.930	3.810	8.6	21.5
5 31	16 15.37	+13 22.4	2.951	3.822	8.9	21.6
6 10	16 8.33	+13 20.6	2.997	3.834	9.7	21.6
6 20	16 2.12	+13 0.0	3.066	3.845	10.9	21.7
6 30	15 57.15	+12 22.4	3.155	3.856	12.1	21.9

91257 1999 CG_{82} 5 27.5 271°.12 1°.7/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.29	−18 21.6	1.434	2.285	17.0	19.6
5 1	16 41.94	−18 10.4	1.350	2.275	13.1	19.3
5 11	16 34.57	−17 56.7	1.287	2.264	8.6	19.0
5 21	16 24.90	−17 41.7	1.246	2.253	3.7	18.7
5 31	16 14.11	−17 27.2	1.231	2.242	2.8	18.6
6 10	16 3.70	−17 16.4	1.241	2.231	7.8	18.9
6 20	15 54.98	−17 12.0	1.274	2.220	12.7	19.1
6 30	15 48.98	−17 16.6	1.328	2.209	17.1	19.3

134584 1999 TU_{44} 5 27.5 242°.03 0°.3/27.4 18

4 21	16 47.18	−22 15.6	1.900	2.730	14.3	21.2
5 1	16 41.99	−21 57.7	1.802	2.715	11.1	20.9
5 11	16 34.29	−21 33.5	1.726	2.699	7.2	20.7
5 21	16 24.72	−21 3.4	1.675	2.682	2.9	20.4
5 31	16 14.24	−20 28.9	1.652	2.664	1.7	20.2
6 10	16 4.03	−19 53.3	1.657	2.646	6.2	20.5
6 20	15 55.17	−19 20.2	1.687	2.628	10.5	20.7
6 30	15 48.50	−18 53.5	1.741	2.608	14.3	20.9

97327 1999 XZ_{241} 5 27.5 168°.41 2°.6/28.8 18

4 21	16 46.04	−30 34.7	2.256	3.064	13.1	20.3
5 1	16 40.66	−30 31.0	2.172	3.067	10.3	20.1
5 11	16 33.15	−30 16.9	2.110	3.069	7.1	19.9
5 21	16 24.15	−29 51.6	2.075	3.071	4.0	19.7
5 31	16 14.59	−29 15.7	2.067	3.073	2.8	19.6
6 10	16 5.47	−28 31.8	2.087	3.075	5.3	19.8
6 20	15 57.65	−27 44.0	2.134	3.076	8.6	20.0
6 30	15 51.81	−26 56.6	2.206	3.076	11.6	20.2

376813 2000 YH_{39} 5 27.5 170°.42 1°.8/28.5 17

4 21	16 46.69	−28 44.7	2.620	3.423	11.6	21.8
5 1	16 40.81	−28 37.7	2.534	3.428	9.1	21.6
5 11	16 33.08	−28 22.6	2.471	3.432	6.1	21.4
5 21	16 24.09	−27 58.7	2.435	3.435	3.1	21.2
5 31	16 14.63	−27 26.8	2.429	3.438	2.0	21.1
6 10	16 5.55	−26 49.2	2.452	3.440	4.6	21.3
6 20	15 57.60	−26 8.9	2.503	3.441	7.6	21.5
6 30	15 51.36	−25 29.4	2.579	3.442	10.4	21.7

170967 2005 CT_{15} 5 27.5 165°.55 1°.8/28.2 17

4 21	16 49.46	−27 12.3	1.852	2.673	15.0	21.4
5 1	16 43.64	−27 8.7	1.773	2.678	11.7	21.2
5 11	16 35.25	−26 55.8	1.716	2.682	7.8	21.0
5 21	16 25.04	−26 32.6	1.684	2.686	3.7	20.7
5 31	16 14.12	−25 59.9	1.679	2.689	2.2	20.6
6 10	16 3.74	−25 20.8	1.701	2.692	6.0	20.9
6 20	15 54.96	−24 39.9	1.750	2.694	10.0	21.1
6 30	15 48.56	−24 1.7	1.823	2.695	13.5	21.3

145450 2005 RM_{31} 5 27.5 207°.56 3°.2/25.7 18

4 21	16 41.18	−10 3.3	3.012	3.831	9.8	20.6
5 1	16 36.33	− 9 40.6	2.922	3.825	7.7	20.4
5 11	16 30.09	− 9 20.3	2.858	3.819	5.4	20.2
5 21	16 22.89	− 9 4.2	2.820	3.812	3.5	20.1
5 31	16 15.29	− 8 53.9	2.812	3.805	3.6	20.1
6 10	16 7.89	− 8 50.9	2.832	3.797	5.5	20.2
6 20	16 1.24	− 8 55.9	2.880	3.789	7.9	20.3
6 30	15 55.82	− 9 9.0	2.952	3.780	10.1	20.5

237452 1999 TK_{214} 5 27.5 198°.16 3°.6/28.7 18

4 21	16 47.68	−30 19.0	2.094	2.904	13.9	20.6
5 1	16 42.27	−30 54.2	2.008	2.903	11.0	20.4
5 11	16 34.41	−31 21.0	1.944	2.901	7.8	20.2
5 21	16 24.74	−31 37.0	1.905	2.899	4.7	20.0
5 31	16 14.26	−31 40.6	1.894	2.897	3.7	19.9
6 10	16 4.10	−31 32.9	1.910	2.894	6.1	20.1
6 20	15 55.31	−31 16.6	1.953	2.892	9.4	20.3
6 30	15 48.71	−30 56.1	2.018	2.889	12.5	20.5

308580 2005 UL_{478} 5 27.5 6°.50 1°.6/26.6 16

4 21	16 40.66	−19 6.5	2.216	3.053	12.3	21.1
5 1	16 36.42	−18 27.2	2.136	3.053	9.4	20.9
5 11	16 30.35	−17 44.0	2.079	3.053	6.1	20.7
5 21	16 23.03	−16 58.9	2.048	3.054	2.7	20.5
5 31	16 15.23	−16 14.8	2.045	3.054	2.3	20.4
6 10	16 7.80	−15 34.7	2.070	3.055	5.6	20.7
6 20	16 1.47	−15 1.4	2.121	3.056	9.0	20.9
6 30	15 56.82	−14 37.1	2.195	3.056	12.0	21.1

61074 2000 LR_{9} 5 27.5 253°.47 2°.4/28.7 18

4 21	16 46.75	−30 30.0	1.995	2.809	14.3	18.8
5 1	16 41.64	−30 8.2	1.894	2.794	11.3	18.5
5 11	16 34.04	−29 33.3	1.816	2.778	7.8	18.3
5 21	16 24.60	−28 44.3	1.762	2.761	4.1	18.0
5 31	16 14.35	−27 42.4	1.735	2.744	2.6	17.9
6 10	16 4.47	−26 31.6	1.737	2.727	5.9	18.0
6 20	15 56.00	−25 17.5	1.765	2.710	9.8	18.2
6 30	15 49.78	−24 6.3	1.817	2.692	13.5	18.4

185855 2000 EX_{114} 5 27.5 185°.49 0°.8/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.65	−24 33.5	2.084	2.905	13.5	21.6
5 1	16 42.00	−24 26.8	1.999	2.905	10.5	21.4
5 11	16 34.09	−24 13.4	1.936	2.905	6.9	21.2
5 21	16 24.57	−23 53.1	1.899	2.904	2.9	20.9
5 31	16 14.39	−23 26.7	1.890	2.902	1.5	20.8
6 10	16 4.61	−22 57.0	1.910	2.900	5.5	21.1
6 20	15 56.17	−22 27.1	1.956	2.897	9.3	21.3
6 30	15 49.78	−22 0.6	2.026	2.893	12.6	21.5

430521 2002 AD_{19} 5 27.5 118°.19 5°.6/30.3 17

4 21	16 52.23	−38 36.4	2.251	3.023	14.2	22.5
5 1	16 45.49	−39 5.8	2.183	3.044	11.6	22.3
5 11	16 36.28	−39 20.6	2.136	3.064	9.0	22.2
5 21	16 25.41	−39 18.0	2.115	3.083	6.6	22.1
5 31	16 13.97	−38 56.7	2.120	3.102	5.6	22.0
6 10	16 3.19	−38 19.0	2.153	3.120	6.8	22.1
6 20	15 54.06	−37 29.7	2.212	3.137	9.2	22.3
6 30	15 47.28	−36 34.4	2.296	3.154	11.6	22.5

214943 2007 VC_{263} 5 27.5 132°.14 1°.9/28.1 17

4 21	16 47.26	−26 25.1	1.522	2.361	16.8	21.1
5 1	16 42.50	−26 27.4	1.447	2.362	13.1	20.8
5 11	16 34.79	−26 20.2	1.393	2.364	8.8	20.6
5 21	16 24.94	−26 2.4	1.362	2.366	4.1	20.3
5 31	16 14.19	−25 34.6	1.356	2.367	2.4	20.2
6 10	16 4.03	−25 0.3	1.376	2.368	6.8	20.5
6 20	15 55.69	−24 24.3	1.420	2.370	11.3	20.7
6 30	15 50.06	−23 51.8	1.486	2.371	15.3	21.0

322312 2011 FL_{147} 5 27.5 40°.76 2°.7/26.3 17

4 21	16 42.59	−18 20.2	1.484	2.340	16.3	20.2
5 1	16 38.54	−17 25.4	1.426	2.353	12.4	20.0
5 11	16 31.96	−16 26.4	1.389	2.367	8.0	19.7
5 21	16 23.70	−15 26.9	1.376	2.381	3.8	19.5
5 31	16 14.92	−14 31.8	1.388	2.396	3.6	19.5
6 10	16 6.83	−13 45.8	1.426	2.411	7.6	19.8
6 20	16 0.42	−13 12.4	1.487	2.426	11.7	20.1
6 30	15 56.36	−12 53.5	1.569	2.442	15.3	20.4

58321 1994 PQ_{38} 5 27.5 258°.23 0°.2/27.4 18

4 21	16 42.50	−21 42.2	2.570	3.394	11.2	20.1
5 1	16 37.78	−21 31.7	2.466	3.376	8.6	19.9
5 11	16 31.26	−21 17.2	2.387	3.358	5.6	19.7
5 21	16 23.44	−20 59.0	2.334	3.340	2.2	19.4
5 31	16 15.00	−20 38.3	2.310	3.322	1.3	19.3
6 10	16 6.75	−20 16.9	2.314	3.303	4.8	19.5
6 20	15 59.41	−19 56.9	2.346	3.284	8.1	19.7
6 30	15 53.62	−19 40.8	2.402	3.264	11.0	19.9

392434 2010 QS_{5} 5 27.5 324°.62 6°.1/29.9 18

4 21	16 45.94	−37 55.9	2.156	2.944	14.2	20.5
5 1	16 41.14	−38 41.2	2.069	2.939	11.8	20.3
5 11	16 33.78	−39 13.8	2.003	2.935	9.2	20.2
5 21	16 24.53	−39 30.1	1.961	2.931	7.0	20.0
5 31	16 14.40	−39 27.8	1.945	2.926	6.1	20.0
6 10	16 4.60	−39 7.9	1.955	2.922	7.4	20.0
6 20	15 56.24	−38 33.9	1.990	2.919	9.8	20.2
6 30	15 50.17	−37 51.2	2.049	2.915	12.5	20.3

344531 2002 TE_{231} 5 27.5 270°.89 0°.3/27.4 18

4 21	16 45.35	−19 58.6	2.141	2.970	12.9	20.2
5 1	16 40.39	−20 11.8	2.039	2.951	10.0	19.9
5 11	16 33.19	−20 23.6	1.959	2.931	6.5	19.7
5 21	16 24.29	−20 33.5	1.905	2.911	2.6	19.4
5 31	16 14.51	−20 41.8	1.879	2.891	1.5	19.3
6 10	16 4.86	−20 49.2	1.881	2.871	5.6	19.5
6 20	15 56.29	−20 57.3	1.910	2.850	9.5	19.7
6 30	15 49.62	−21 7.9	1.963	2.830	12.9	19.9

233355 2006 DX_{83} 5 27.5 144°.44 0°.8/27.9 17

4 21	16 46.05	−24 48.2	2.201	3.022	12.9	22.1
5 1	16 40.58	−24 42.2	2.124	3.030	9.9	21.9
5 11	16 33.05	−24 29.9	2.069	3.038	6.5	21.7
5 21	16 24.12	−24 11.1	2.041	3.046	2.8	21.5
5 31	16 14.67	−23 46.8	2.041	3.053	1.5	21.4
6 10	16 5.65	−23 19.4	2.070	3.060	5.1	21.6
6 20	15 57.91	−22 51.9	2.125	3.066	8.6	21.9
6 30	15 52.08	−22 27.3	2.205	3.072	11.7	22.1

192029 2005 YS_{211} 5 27.5 223°.96 2°.9/26.6 18

4 21	16 45.42	−13 32.8	1.967	2.801	13.7	20.6
5 1	16 40.35	−13 25.7	1.882	2.796	10.6	20.4
5 11	16 33.08	−13 20.8	1.820	2.791	7.1	20.2
5 21	16 24.20	−13 19.4	1.784	2.785	3.7	19.9
5 31	16 14.60	−13 23.2	1.775	2.780	3.5	19.9
6 10	16 5.31	−13 33.5	1.793	2.774	6.7	20.1
6 20	15 57.26	−13 51.1	1.837	2.768	10.4	20.3
6 30	15 51.17	−14 16.6	1.904	2.761	13.7	20.5

86190 1999 RQ_{247} 5 27.5 276°.54 8°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.01	+ 1 54.6	2.409	3.217	12.3	19.5
5 1	16 35.82	+ 2 59.6	2.324	3.200	10.5	19.3
5 11	16 29.96	+ 3 55.6	2.262	3.183	8.9	19.2
5 21	16 22.90	+ 4 38.1	2.225	3.166	8.0	19.1
5 31	16 15.31	+ 5 3.0	2.213	3.149	8.5	19.1
6 10	16 7.92	+ 5 8.2	2.226	3.131	10.0	19.2
6 20	16 1.42	+ 4 53.4	2.263	3.114	12.0	19.3
6 30	15 56.38	+ 4 19.9	2.320	3.096	14.1	19.4

43848 1993 QP_{9} 5 27.5 219°.36 2°.5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.22	−15 12.3	2.153	2.987	12.7	20.0
5 1	16 38.47	−14 50.0	2.069	2.983	9.8	19.8
5 11	16 31.74	−14 27.5	2.007	2.979	6.5	19.6
5 21	16 23.63	−14 6.5	1.972	2.974	3.3	19.4
5 31	16 14.92	−13 49.1	1.964	2.970	3.1	19.3
6 10	16 6.53	−13 37.6	1.984	2.965	6.2	19.5
6 20	15 59.26	−13 33.5	2.030	2.960	9.6	19.7
6 30	15 53.75	−13 37.9	2.099	2.954	12.7	19.9

175320 2005 MC_{35} 5 27.5 206°.19 4°.0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.86	− 8 57.8	2.522	3.347	11.3	21.0
5 1	16 37.09	− 8 31.8	2.439	3.344	8.9	20.9
5 11	16 30.70	− 8 9.4	2.379	3.340	6.3	20.7
5 21	16 23.18	− 7 52.9	2.347	3.336	4.3	20.6
5 31	16 15.18	− 7 44.4	2.342	3.332	4.4	20.6
6 10	16 7.44	− 7 45.4	2.365	3.328	6.6	20.7
6 20	16 0.63	− 7 56.5	2.414	3.323	9.2	20.8
6 30	15 55.27	− 8 17.6	2.487	3.318	11.7	21.0

435806 2008 VE_{60} 5 27.5 131°.66 1°.2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.82	−21 27.0	2.005	2.839	13.5	21.0
5 1	16 38.98	−20 35.6	1.928	2.843	10.3	20.8
5 11	16 32.05	−19 37.4	1.874	2.848	6.6	20.5
5 21	16 23.73	−18 34.9	1.845	2.852	2.7	20.3
5 31	16 14.91	−17 31.4	1.845	2.856	2.1	20.3
6 10	16 6.57	−16 31.5	1.873	2.860	6.0	20.5
6 20	15 59.56	−15 39.1	1.927	2.863	9.7	20.7
6 30	15 54.48	−14 57.3	2.005	2.867	12.9	21.0

21485 Ash 5 27.5 283°.57 4°.8/28.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.92	−31 7.5	1.533	2.361	17.2	18.8
5 1	16 43.52	−31 47.5	1.443	2.347	13.9	18.5
5 11	16 35.83	−32 17.0	1.372	2.333	10.0	18.3
5 21	16 25.52	−32 31.7	1.325	2.318	6.3	18.0
5 31	16 13.85	−32 29.0	1.302	2.304	5.0	17.9
6 10	16 2.47	−32 9.7	1.304	2.290	7.9	18.0
6 20	15 52.90	−31 38.4	1.329	2.276	12.2	18.2
6 30	15 46.31	−31 1.8	1.376	2.262	16.2	18.4

26505 Olextokarev 5 27.5 230°.94 2°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.56	−17 26.1	1.835	2.673	14.4	19.6
5 1	16 40.66	−16 55.8	1.747	2.664	11.1	19.3
5 11	16 33.38	−16 22.6	1.682	2.656	7.3	19.1
5 21	16 24.35	−15 48.4	1.642	2.646	3.4	18.8
5 31	16 14.55	−15 16.2	1.629	2.637	3.0	18.8
6 10	16 5.10	−14 49.0	1.643	2.627	6.9	19.0
6 20	15 56.99	−14 29.9	1.682	2.616	10.9	19.2
6 30	15 51.02	−14 20.9	1.744	2.606	14.5	19.4

57303 2001 QL_{198} 5 27.5 234°.91 0°.8/27.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.29	−21 9.9	2.432	3.259	11.6	19.2
5 1	16 37.60	−20 38.6	2.339	3.251	8.9	19.0
5 11	16 31.12	−20 2.3	2.269	3.242	5.8	18.8
5 21	16 23.37	−19 22.2	2.227	3.233	2.3	18.5
5 31	16 15.10	−18 40.6	2.213	3.224	1.6	18.5
6 10	16 7.11	−18 0.1	2.227	3.215	5.1	18.7
6 20	16 0.15	−17 23.7	2.269	3.205	8.4	18.9
6 30	15 54.80	−16 53.9	2.335	3.195	11.4	19.1

123412 2000 WZ_{97} 5 27.5 269°.86 0°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.68	−25 13.5	2.158	2.978	13.2	20.6
5 1	16 41.53	−25 3.8	2.042	2.948	10.3	20.4
5 11	16 34.01	−24 46.5	1.950	2.918	6.9	20.1
5 21	16 24.66	−24 21.1	1.883	2.887	3.0	19.8
5 31	16 14.34	−23 48.2	1.844	2.856	1.6	19.6
6 10	16 4.12	−23 10.2	1.833	2.823	5.7	19.8
6 20	15 55.03	−22 30.8	1.850	2.790	9.7	20.0
6 30	15 47.92	−21 54.2	1.890	2.756	13.4	20.2

2749 Walterhorn 5 27.5 174°.26 0°.1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.08	−22 36.9	2.885	3.703	10.3	18.3
5 1	16 37.13	−22 28.4	2.799	3.705	7.8	18.1
5 11	16 30.66	−22 15.9	2.737	3.707	5.1	18.0
5 21	16 23.15	−21 59.8	2.702	3.708	2.1	17.7
5 31	16 15.23	−21 41.1	2.697	3.709	1.1	17.7
6 10	16 7.58	−21 21.4	2.721	3.710	4.2	17.9
6 20	16 0.81	−21 2.5	2.773	3.710	7.0	18.1
6 30	15 55.43	−20 46.4	2.850	3.710	9.6	18.3

23115 Valcourt 5 27.5 278°.47 2°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.05	−27 29.6	2.438	3.254	12.0	19.3
5 1	16 38.43	−27 41.2	2.335	3.237	9.4	19.1
5 11	16 31.80	−27 46.2	2.256	3.220	6.4	18.9
5 21	16 23.71	−27 43.7	2.203	3.203	3.3	18.7
5 31	16 14.89	−27 33.4	2.177	3.186	2.2	18.6
6 10	16 6.27	−27 16.8	2.180	3.169	5.0	18.7
6 20	15 58.66	−26 56.2	2.209	3.152	8.3	18.9
6 30	15 52.79	−26 34.8	2.263	3.134	11.3	19.1

309666 2008 EK_{38} 5 27.5 248°.04 5°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.69	− 6 25.3	2.357	3.185	12.0	20.5
5 1	16 36.31	− 5 46.3	2.278	3.181	9.5	20.3
5 11	16 30.24	− 5 12.4	2.223	3.178	7.1	20.2
5 21	16 23.01	− 4 46.8	2.193	3.175	5.4	20.1
5 31	16 15.31	− 4 32.1	2.191	3.171	5.6	20.1
6 10	16 7.89	− 4 30.2	2.215	3.168	7.6	20.2
6 20	16 1.43	− 4 41.5	2.264	3.164	10.1	20.3
6 30	15 56.50	− 5 5.6	2.336	3.161	12.6	20.5

166661 2002 TX_{37} 5 27.5 253°.67 2°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.32	−25 44.9	2.263	3.078	12.8	19.9
5 1	16 41.88	−26 24.3	2.164	3.065	10.0	19.7
5 11	16 34.16	−26 59.8	2.088	3.052	6.8	19.4
5 21	16 24.70	−27 29.3	2.038	3.039	3.5	19.2
5 31	16 14.35	−27 51.3	2.017	3.025	2.4	19.1
6 10	16 4.14	−28 5.8	2.024	3.012	5.5	19.3
6 20	15 55.04	−28 14.3	2.058	2.998	9.0	19.5
6 30	15 47.88	−28 19.5	2.117	2.983	12.1	19.6

469468 2002 RG_{124} 5 27.5 210°.04 0°.9/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.30	−18 11.7	2.920	3.736	10.2	22.5
5 1	16 38.84	−18 7.7	2.822	3.728	7.8	22.4
5 11	16 31.80	−18 2.4	2.749	3.719	5.1	22.2
5 21	16 23.64	−17 56.2	2.704	3.709	2.1	22.0
5 31	16 14.97	−17 50.0	2.689	3.699	1.6	21.9
6 10	16 6.50	−17 45.0	2.703	3.688	4.5	22.1
6 20	15 58.85	−17 42.5	2.746	3.676	7.4	22.3
6 30	15 52.58	−17 43.8	2.815	3.664	10.0	22.4

164849 1999 TW_{163} 5 27.5 160°.47 1°.5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.76	−18 7.4	1.959	2.789	13.9	20.9
5 1	16 42.06	−17 53.5	1.882	2.795	10.7	20.7
5 11	16 34.11	−17 37.4	1.828	2.801	6.9	20.5
5 21	16 24.60	−17 20.4	1.800	2.806	3.0	20.2
5 31	16 14.47	−17 4.0	1.801	2.810	2.3	20.2
6 10	16 4.80	−16 50.5	1.829	2.814	6.1	20.4
6 20	15 56.50	−16 42.0	1.883	2.817	9.9	20.7
6 30	15 50.28	−16 40.5	1.960	2.820	13.3	20.9

164247 2004 TP_{133} 5 27.5 322°.05 0°.9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.46	−20 59.9	1.123	1.993	19.4	18.9
5 1	16 40.83	−21 36.3	1.039	1.972	15.2	18.6
5 11	16 34.53	−22 12.5	0.972	1.953	10.1	18.2
5 21	16 25.15	−22 46.7	0.927	1.934	4.3	17.8
5 31	16 14.04	−23 17.0	0.903	1.916	2.3	17.7
6 10	16 3.08	−23 43.1	0.903	1.899	8.6	18.0
6 20	15 54.10	−24 6.7	0.923	1.883	14.5	18.2
6 30	15 48.53	−24 30.9	0.961	1.868	19.7	18.5

63184 2000 YL_{91} 5 27.5 296°.37 2°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 38.55	−14 2.2	2.997	3.825	9.7	18.7
5 1	16 34.45	−13 52.3	2.902	3.813	7.4	18.6
5 11	16 28.96	−13 43.2	2.831	3.800	4.9	18.4
5 21	16 22.50	−13 36.2	2.787	3.788	2.6	18.2
5 31	16 15.60	−13 32.5	2.771	3.776	2.5	18.2
6 10	16 8.86	−13 33.1	2.785	3.763	4.8	18.3
6 20	16 2.84	−13 39.0	2.825	3.751	7.4	18.5
6 30	15 58.03	−13 50.8	2.890	3.739	9.8	18.6

446653 2015 NY_{7} 5 27.5 345°.64 5°.1/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.39	− 7 12.4	2.228	3.060	12.4	21.5
5 1	16 36.18	− 6 36.1	2.152	3.058	9.8	21.3
5 11	16 30.20	− 6 4.8	2.099	3.057	7.2	21.2
5 21	16 23.01	− 5 41.6	2.071	3.056	5.3	21.0
5 31	16 15.33	− 5 29.4	2.070	3.055	5.5	21.1
6 10	16 7.97	− 5 29.9	2.096	3.054	7.6	21.2
6 20	16 1.62	− 5 43.4	2.147	3.053	10.3	21.3
6 30	15 56.87	− 6 9.4	2.220	3.052	12.9	21.5

440543 2005 UQ_{196} 5 27.5 316°.88 0°.2/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.38	−21 25.8	1.964	2.804	13.5	21.1
5 1	16 37.48	−21 23.3	1.870	2.788	10.4	20.8
5 11	16 31.36	−21 16.9	1.798	2.772	6.8	20.6
5 21	16 23.58	−21 6.8	1.751	2.757	2.7	20.3
5 31	16 15.00	−20 54.1	1.730	2.743	1.5	20.2
6 10	16 6.67	−20 40.7	1.737	2.728	5.8	20.4
6 20	15 59.52	−20 29.2	1.769	2.714	9.8	20.6
6 30	15 54.34	−20 22.1	1.823	2.701	13.3	20.8

220974 2005 MR_{53} 5 27.5 280°.48 0°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.60	−24 6.4	1.704	2.541	15.4	21.2
5 1	16 41.22	−24 1.6	1.604	2.519	12.0	21.0
5 11	16 34.07	−23 49.4	1.525	2.498	8.0	20.7
5 21	16 24.77	−23 29.4	1.470	2.475	3.4	20.3
5 31	16 14.35	−23 2.4	1.441	2.453	1.8	20.2
6 10	16 4.12	−22 31.1	1.438	2.431	6.6	20.4
6 20	15 55.34	−21 59.6	1.461	2.408	11.3	20.6
6 30	15 48.98	−21 32.5	1.505	2.385	15.4	20.8

105591 2000 RL_{86} 5 27.5 299°.14 2°.5/26.2 18

4 21	16 40.88	−17 7.1	2.130	2.969	12.6	19.4
5 1	16 36.72	−16 19.2	2.044	2.962	9.7	19.1
5 11	16 30.64	−15 28.1	1.982	2.955	6.4	18.9
5 21	16 23.22	−14 36.3	1.946	2.949	3.2	18.7
5 31	16 15.25	−13 47.3	1.937	2.943	3.1	18.7
6 10	16 7.62	−13 4.5	1.956	2.937	6.3	18.9
6 20	16 1.09	−12 30.8	2.001	2.930	9.7	19.1
6 30	15 56.31	−12 8.3	2.068	2.924	12.8	19.3

105945 2000 SU_{237} 5 27.5 229°.81 4°.1/25.5 18

4 21	16 41.55	− 8 43.6	2.573	3.398	11.2	20.4
5 1	16 36.88	− 8 15.8	2.486	3.390	8.8	20.2
5 11	16 30.60	− 7 51.7	2.422	3.382	6.3	20.1
5 21	16 23.18	− 7 33.4	2.384	3.373	4.4	19.9
5 31	16 15.28	− 7 23.1	2.375	3.364	4.5	19.9
6 10	16 7.60	− 7 22.5	2.394	3.355	6.6	20.0
6 20	16 0.80	− 7 32.2	2.438	3.346	9.2	20.2
6 30	15 55.43	− 7 52.2	2.507	3.337	11.7	20.3

22870 Rosing 5 27.5 227°.92 6°.1/29.9 18

4 21	16 49.87	−38 45.6	2.291	3.066	13.9	17.5
5 1	16 44.11	−39 28.6	2.195	3.056	11.6	17.3
5 11	16 35.73	−39 59.1	2.121	3.046	9.1	17.2
5 21	16 25.38	−40 12.9	2.071	3.036	7.0	17.0
5 31	16 14.06	−40 7.6	2.047	3.025	6.1	16.9
6 10	16 3.02	−39 43.8	2.050	3.014	7.4	17.0
6 20	15 53.40	−39 5.1	2.080	3.002	9.8	17.1
6 30	15 46.08	−38 17.2	2.132	2.990	12.4	17.3

11235 1999 JP_{91} 5 27.5 252°.92 4°.5/25.6 18

4 21	16 42.20	− 8 1.3	2.360	3.186	12.0	18.0
5 1	16 37.55	− 7 35.9	2.271	3.175	9.5	17.8
5 11	16 31.12	− 7 15.0	2.205	3.164	6.9	17.6
5 21	16 23.42	− 7 1.1	2.165	3.153	4.8	17.5
5 31	16 15.15	− 6 56.5	2.153	3.142	5.0	17.5
6 10	16 7.11	− 7 2.8	2.168	3.130	7.2	17.6
6 20	16 0.01	− 7 20.5	2.209	3.118	9.9	17.7
6 30	15 54.48	− 7 49.3	2.273	3.106	12.6	17.9

344057 1993 QP_{8} 5 27.5 245°.88 3°.6/28.9 18

4 21	16 46.95	−32 7.2	2.409	3.207	12.6	21.4
5 1	16 41.56	−32 28.8	2.305	3.191	10.1	21.2
5 11	16 33.93	−32 41.4	2.223	3.175	7.3	21.0
5 21	16 24.62	−32 42.6	2.168	3.158	4.6	20.8
5 31	16 14.48	−32 31.5	2.140	3.140	3.6	20.7
6 10	16 4.54	−32 9.1	2.140	3.122	5.7	20.8
6 20	15 55.74	−31 38.4	2.167	3.103	8.7	20.9
6 30	15 48.88	−31 3.6	2.218	3.084	11.7	21.1

438074 2004 RD_{207} 5 27.5 279°.53 1°.2/28.2 16

4 21	16 43.46	−27 24.3	2.609	3.421	11.4	21.5
5 1	16 38.63	−27 1.5	2.490	3.391	8.9	21.2
5 11	16 31.90	−26 29.9	2.396	3.361	6.0	21.0
5 21	16 23.77	−25 49.4	2.328	3.331	2.8	20.7
5 31	16 14.96	−25 1.2	2.289	3.300	1.6	20.6
6 10	16 6.31	−24 7.8	2.279	3.269	4.7	20.8
6 20	15 58.60	−23 12.8	2.297	3.238	8.1	20.9
6 30	15 52.51	−22 20.1	2.341	3.206	11.2	21.1

413105 2001 UM_{163} 5 27.5 250°.59 1°.1/27.8 17

4 21	16 49.87	−23 18.4	1.648	2.481	16.0	21.9
5 1	16 44.65	−23 36.5	1.551	2.464	12.5	21.7
5 11	16 36.39	−23 50.2	1.475	2.447	8.3	21.4
5 21	16 25.75	−23 57.8	1.424	2.429	3.6	21.0
5 31	16 13.84	−23 58.4	1.399	2.411	2.0	20.9
6 10	16 2.11	−23 53.5	1.400	2.392	6.9	21.1
6 20	15 51.92	−23 45.8	1.427	2.372	11.7	21.4
6 30	15 44.37	−23 39.5	1.475	2.352	15.9	21.6

466727 2014 XV_{36} 5 27.5 213°.26 1°.0/27.1 17

4 21	16 48.24	−19 13.6	1.997	2.824	13.8	21.9
5 1	16 42.61	−19 4.3	1.905	2.817	10.6	21.7
5 11	16 34.62	−18 52.1	1.836	2.808	6.9	21.5
5 21	16 24.90	−18 37.7	1.793	2.799	2.9	21.2
5 31	16 14.39	−18 22.3	1.778	2.789	2.0	21.1
6 10	16 4.17	−18 8.1	1.791	2.778	6.1	21.4
6 20	15 55.24	−17 57.5	1.830	2.766	10.1	21.6
6 30	15 48.39	−17 52.9	1.893	2.754	13.6	21.8

61735 2000 QQ_{151} 5 27.5 295°.75 2°.4/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.15	−18 27.3	1.348	2.207	17.4	19.6
5 1	16 40.51	−17 55.2	1.264	2.192	13.5	19.3
5 11	16 33.79	−17 18.1	1.199	2.178	8.9	19.0
5 21	16 24.70	−16 38.5	1.157	2.164	4.0	18.7
5 31	16 14.47	−16 0.1	1.140	2.149	3.4	18.6
6 10	16 4.60	−15 27.7	1.146	2.136	8.4	18.8
6 20	15 56.47	−15 5.4	1.176	2.122	13.5	19.1
6 30	15 51.11	−14 56.4	1.225	2.108	18.0	19.3

168486 1999 RS_{134} 5 27.5 187°.45 3°.1/28.8 17

4 21	16 49.69	−30 35.2	1.949	2.759	14.7	20.6
5 1	16 43.90	−30 41.4	1.863	2.759	11.7	20.4
5 11	16 35.52	−30 36.4	1.799	2.758	8.2	20.1
5 21	16 25.26	−30 18.5	1.760	2.757	4.6	19.9
5 31	16 14.23	−29 47.5	1.748	2.754	3.3	19.8
6 10	16 3.66	−29 6.1	1.764	2.752	6.1	20.0
6 20	15 54.64	−28 18.9	1.806	2.748	9.8	20.2
6 30	15 48.00	−27 31.5	1.872	2.744	13.2	20.4

113075 2002 RB_{63} 5 27.5 200°.07 0°.9/27.0 18

4 21	16 43.51	−19 2.8	2.669	3.491	10.9	20.2
5 1	16 38.37	−18 50.1	2.578	3.487	8.3	20.0
5 11	16 31.57	−18 35.0	2.512	3.483	5.4	19.8
5 21	16 23.60	−18 18.4	2.472	3.478	2.2	19.6
5 31	16 15.13	−18 1.5	2.462	3.473	1.6	19.6
6 10	16 6.92	−17 46.0	2.481	3.467	4.8	19.8
6 20	15 59.63	−17 33.7	2.528	3.460	7.8	20.0
6 30	15 53.83	−17 26.1	2.599	3.453	10.6	20.1

103546 2000 BN_{23} 5 27.5 168°.84 7°.5/30.8 18

4 21	16 51.87	−43 28.0	2.391	3.141	14.0	20.3
5 1	16 45.65	−44 23.0	2.309	3.144	12.0	20.1
5 11	16 36.71	−45 3.3	2.247	3.146	9.9	20.0
5 21	16 25.78	−45 24.2	2.209	3.149	8.2	19.9
5 31	16 13.95	−45 23.0	2.196	3.151	7.5	19.8
6 10	16 2.52	−45 0.2	2.210	3.152	8.2	19.9
6 20	15 52.66	−44 19.8	2.249	3.153	10.0	20.0
6 30	15 45.25	−43 27.6	2.311	3.154	12.1	20.1

475655 2006 UD_{337} 5 27.5 288°.41 1°.2/26.8 16

4 21	16 41.53	−20 50.1	2.143	2.978	12.7	21.5
5 1	16 37.30	−20 5.6	2.050	2.967	9.7	21.3
5 11	16 31.08	−19 14.9	1.981	2.956	6.3	21.0
5 21	16 23.45	−18 20.0	1.938	2.944	2.6	20.8
5 31	16 15.22	−17 23.8	1.923	2.933	2.1	20.7
6 10	16 7.31	−16 30.3	1.935	2.922	5.8	20.9
6 20	16 0.52	−15 43.1	1.974	2.910	9.4	21.1
6 30	15 55.52	−15 5.3	2.036	2.899	12.7	21.3

105155 2000 NG_{26} 5 27.5 315°.75 28°.1/14.5 18

4 21	16 49.15	+32 30.1	1.100	1.817	28.8	18.5
5 1	16 44.77	+34 45.0	1.072	1.812	28.4	18.4
5 11	16 36.62	+36 11.2	1.053	1.808	28.2	18.3
5 21	16 25.79	+36 36.5	1.043	1.804	28.2	18.3
5 31	16 14.00	+35 52.7	1.043	1.800	28.5	18.3
6 10	16 3.16	+34 0.4	1.052	1.796	29.1	18.4
6 20	15 54.78	+31 6.9	1.071	1.792	29.9	18.4
6 30	15 49.82	+27 24.5	1.100	1.789	30.9	18.5

30932 1993 UO_{5} 5 27.5 62°.43 2°.8/26.8 18

4 21	16 49.32	−14 36.4	1.492	2.335	16.8	18.1
5 1	16 43.44	−14 30.1	1.449	2.368	12.8	17.9
5 11	16 34.99	−14 25.8	1.427	2.400	8.3	17.8
5 21	16 24.94	−14 24.8	1.429	2.433	4.1	17.6
5 31	16 14.51	−14 28.7	1.458	2.465	3.5	17.6
6 10	16 4.96	−14 38.8	1.513	2.498	7.3	17.9
6 20	15 57.26	−14 55.8	1.592	2.529	11.2	18.2
6 30	15 52.05	−15 20.1	1.693	2.561	14.6	18.5

275055 2009 UN_{108} 5 27.5 149°.45 1°.1/27.9 17

4 21	16 47.56	−23 31.9	1.951	2.777	14.1	21.5
5 1	16 42.12	−23 51.6	1.872	2.782	10.9	21.3
5 11	16 34.30	−24 6.8	1.816	2.786	7.2	21.0
5 21	16 24.77	−24 16.3	1.785	2.790	3.1	20.8
5 31	16 14.52	−24 20.1	1.782	2.794	1.7	20.7
6 10	16 4.67	−24 19.2	1.807	2.797	5.7	21.0
6 20	15 56.21	−24 16.0	1.857	2.801	9.5	21.2
6 30	15 49.93	−24 13.3	1.932	2.803	12.9	21.4

251858 1999 UW_{31} 5 27.5 162°.15 0°.3/27.4 17

4 21	16 47.84	−21 43.6	1.906	2.735	14.3	21.4
5 1	16 42.26	−21 30.3	1.828	2.740	11.0	21.2
5 11	16 34.34	−21 11.9	1.772	2.745	7.1	21.0
5 21	16 24.76	−20 48.8	1.743	2.749	2.8	20.7
5 31	16 14.55	−20 22.8	1.741	2.753	1.6	20.6
6 10	16 4.80	−19 56.5	1.767	2.756	5.9	20.9
6 20	15 56.51	−19 33.1	1.818	2.758	9.9	21.1
6 30	15 50.38	−19 15.5	1.893	2.760	13.3	21.4

299986 2006 UN_9 5 27.5 97°.20 2°.1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.12	−16 40.3	2.427	3.257	11.6	21.1
5 1	16 37.26	−16 0.5	2.361	3.274	8.8	20.9
5 11	16 30.77	−15 19.1	2.318	3.290	5.7	20.8
5 21	16 23.24	−14 38.4	2.303	3.306	2.8	20.6
5 31	16 15.38	−14 0.7	2.316	3.322	2.7	20.6
6 10	16 7.94	−13 28.7	2.358	3.337	5.5	20.8
6 20	16 1.55	−13 4.2	2.426	3.353	8.4	21.0
6 30	15 56.73	−12 48.7	2.518	3.368	11.0	21.2

430584 2002 QP_{135} 5 27.5 310°.87 4°.2/28.6 17

4 21	16 44.85	−29 58.0	1.706	2.535	15.7	20.8
5 1	16 40.94	−30 39.7	1.606	2.511	12.6	20.6
5 11	16 34.10	−31 13.5	1.526	2.488	9.1	20.3
5 21	16 24.89	−31 35.9	1.470	2.465	5.5	20.0
5 31	16 14.38	−31 44.3	1.439	2.442	4.4	19.9
6 10	16 3.98	−31 38.9	1.433	2.420	7.3	20.0
6 20	15 55.04	−31 22.8	1.452	2.398	11.4	20.2
6 30	15 48.69	−31 1.0	1.492	2.377	15.2	20.4

264955 2002 XY_{25} 5 27.5 252°.55 0°.1/27.5 17

4 21	16 46.94	−22 5.8	1.891	2.722	14.3	21.1
5 1	16 41.92	−22 2.2	1.792	2.705	11.1	20.8
5 11	16 34.36	−21 53.6	1.716	2.688	7.3	20.6
5 21	16 24.88	−21 40.0	1.664	2.670	3.0	20.2
5 31	16 14.44	−21 22.1	1.640	2.652	1.6	20.1
6 10	16 4.21	−21 2.2	1.643	2.633	6.2	20.4
6 20	15 55.30	−20 43.5	1.672	2.614	10.5	20.6
6 30	15 48.58	−20 29.1	1.723	2.594	14.3	20.8

508674 2017 UH_{12} 5 27.5 225°.67 0°.2/27.6 18

4 21	16 46.41	−22 12.0	2.173	2.997	13.0	22.0
5 1	16 41.11	−22 15.2	2.078	2.987	10.0	21.8
5 11	16 33.62	−22 14.4	2.007	2.977	6.5	21.6
5 21	16 24.51	−22 9.2	1.961	2.967	2.7	21.3
5 31	16 14.66	−22 0.3	1.944	2.956	1.4	21.2
6 10	16 5.06	−21 49.2	1.955	2.945	5.4	21.4
6 20	15 56.62	−21 38.2	1.993	2.933	9.2	21.6
6 30	15 50.11	−21 29.9	2.055	2.920	12.5	21.8

432001 2008 UA_{323} 5 27.5 293°.59 1°.6/26.7 17

4 21	16 42.85	−20 19.6	1.793	2.636	14.5	20.5
5 1	16 38.65	−19 33.7	1.709	2.629	11.1	20.3
5 11	16 32.12	−18 41.4	1.646	2.622	7.2	20.0
5 21	16 23.91	−17 44.9	1.609	2.615	3.1	19.7
5 31	16 15.01	−16 47.9	1.598	2.608	2.5	19.7
6 10	16 6.51	−15 54.9	1.614	2.601	6.7	19.9
6 20	15 59.39	−15 10.2	1.655	2.594	10.8	20.1
6 30	15 54.39	−14 36.9	1.718	2.587	14.4	20.4

123053 2000 SV_{297} 5 27.5 152°.11 2°.2/26.3 17

4 21	16 44.92	−17 7.7	2.284	3.112	12.3	20.8
5 1	16 39.54	−16 22.1	2.209	3.120	9.4	20.6
5 11	16 32.33	−15 33.9	2.157	3.128	6.1	20.4
5 21	16 23.90	−14 45.4	2.133	3.136	3.0	20.2
5 31	16 15.05	−13 59.6	2.137	3.142	2.9	20.2
6 10	16 6.62	−13 19.5	2.170	3.149	5.9	20.4
6 20	15 59.35	−12 47.8	2.229	3.154	9.1	20.6
6 30	15 53.79	−12 26.0	2.313	3.160	12.0	20.8

141361 2002 AK_{37} 5 27.5 163°.98 3°.5/25.7 18

4 21	16 41.93	− 8 48.7	3.035	3.851	9.8	21.1
5 1	16 36.86	− 8 26.1	2.957	3.857	7.7	20.9
5 11	16 30.44	− 8 6.8	2.904	3.862	5.5	20.8
5 21	16 23.12	− 7 52.5	2.879	3.867	3.7	20.7
5 31	16 15.46	− 7 44.8	2.882	3.871	3.8	20.7
6 10	16 8.06	− 7 44.8	2.915	3.875	5.6	20.8
6 20	16 1.45	− 7 53.2	2.974	3.878	7.8	21.0
6 30	15 56.07	− 8 9.8	3.059	3.881	9.9	21.1

314654 2006 OJ_8 5 27.5 303°.00 5°.3/26.1 17

4 21	16 43.99	−11 5.1	1.377	2.234	17.2	20.3
5 1	16 40.30	−10 37.8	1.292	2.216	13.6	20.1
5 11	16 33.65	−10 14.5	1.226	2.199	9.5	19.8
5 21	16 24.69	− 9 59.1	1.183	2.182	5.9	19.5
5 31	16 14.56	− 9 55.5	1.164	2.165	5.9	19.5
6 10	16 4.68	−10 6.6	1.169	2.148	9.7	19.6
6 20	15 56.40	−10 33.4	1.196	2.132	14.2	19.8
6 30	15 50.75	−11 15.3	1.243	2.116	18.4	20.0

6180 Bystritskaya 5 27.5 286°.85 0°.5/27.7 18

4 21	16 45.60	−23 11.0	1.631	2.472	15.7	18.0
5 1	16 41.40	−23 10.4	1.530	2.449	12.3	17.7
5 11	16 34.32	−23 3.6	1.451	2.425	8.2	17.4
5 21	16 24.97	−22 50.1	1.395	2.401	3.4	17.1
5 31	16 14.40	−22 30.4	1.365	2.377	1.8	16.9
6 10	16 3.99	−22 7.0	1.361	2.353	6.9	17.1
6 20	15 55.03	−21 43.8	1.381	2.329	11.7	17.4
6 30	15 48.59	−21 25.0	1.422	2.305	16.0	17.5

19070 5491 $T\text{-}_2$ 5 27.5 357°.70 6°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.08	−39 2.6	2.196	2.979	14.2	19.1
5 1	16 41.16	−39 33.6	2.112	2.979	11.8	18.9
5 11	16 33.77	−39 50.3	2.050	2.978	9.2	18.7
5 21	16 24.59	−39 49.7	2.011	2.978	7.0	18.6
5 31	16 14.67	−39 30.3	1.997	2.978	6.0	18.5
6 10	16 5.17	−38 53.8	2.010	2.978	7.2	18.6
6 20	15 57.15	−38 4.2	2.049	2.978	9.5	18.8
6 30	15 51.38	−37 7.5	2.111	2.979	12.1	18.9

166460 2002 PC_{90} 5 27.5 264°.46 3°.3/25.7 16

4 21	16 42.56	−15 12.8	2.160	2.996	12.6	20.4
5 1	16 38.07	−14 16.0	2.063	2.978	9.8	20.2
5 11	16 31.60	−13 16.2	1.990	2.961	6.6	20.0
5 21	16 23.70	−12 16.5	1.943	2.943	3.8	19.7
5 31	16 15.14	−11 20.7	1.924	2.925	3.9	19.7
6 10	16 6.83	−10 32.7	1.932	2.906	6.9	19.9
6 20	15 59.58	− 9 55.7	1.967	2.888	10.3	20.0
6 30	15 54.07	− 9 31.7	2.024	2.869	13.5	20.2

145411 2005 NL_{99} 5 27.5 153°.64 5°.8/24.0 18

4 21	16 40.93	− 1 57.9	2.861	3.669	10.6	20.9
5 1	16 36.14	− 1 7.7	2.792	3.676	8.7	20.7
5 11	16 29.99	− 0 24.0	2.748	3.683	6.9	20.6
5 21	16 22.95	+ 0 9.9	2.731	3.690	5.8	20.6
5 31	16 15.59	+ 0 31.6	2.741	3.696	6.1	20.6
6 10	16 8.51	+ 0 39.7	2.778	3.702	7.5	20.7
6 20	16 2.26	+ 0 33.8	2.840	3.707	9.4	20.8
6 30	15 57.28	+ 0 14.8	2.925	3.712	11.2	21.0

304765 2007 DW_4 5 27.5 124°.55 1°.9/28.5 18

4 21	16 43.17	−28 27.3	2.482	3.295	11.9	21.0
5 1	16 38.32	−28 26.1	2.400	3.299	9.3	20.8
5 11	16 31.62	−28 17.0	2.341	3.304	6.3	20.6
5 21	16 23.67	−27 59.7	2.309	3.309	3.2	20.4
5 31	16 15.23	−27 34.7	2.304	3.313	2.1	20.4
6 10	16 7.15	−27 4.1	2.328	3.318	4.7	20.5
6 20	16 0.18	−26 30.8	2.380	3.322	7.7	20.7
6 30	15 54.90	−25 58.2	2.455	3.326	10.5	20.9

70860 1999 VW_{133} 5 27.5 205°.41 0°.4/27.4 18

4 21	16 43.96	−22 13.1	1.972	2.806	13.7	19.6
5 1	16 39.30	−21 48.7	1.890	2.805	10.5	19.4
5 11	16 32.44	−21 18.1	1.830	2.804	6.8	19.2
5 21	16 24.05	−20 42.6	1.796	2.803	2.7	18.9
5 31	16 15.03	−20 4.3	1.789	2.801	1.6	18.8
6 10	16 6.42	−19 26.4	1.810	2.800	5.7	19.1
6 20	15 59.12	−18 52.4	1.857	2.798	9.6	19.3
6 30	15 53.83	−18 25.3	1.926	2.797	13.0	19.5

355195 2006 XX_5 5 27.5 150°.41 2°.6/26.5 18

4 21	16 43.95	−11 25.9	2.859	3.676	10.4	21.3
5 1	16 38.49	−11 26.2	2.780	3.684	8.0	21.1
5 11	16 31.55	−11 29.2	2.727	3.691	5.4	21.0
5 21	16 23.61	−11 36.1	2.701	3.698	3.1	20.8
5 31	16 15.27	−11 47.5	2.705	3.705	3.0	20.8
6 10	16 7.20	−12 4.1	2.738	3.712	5.2	21.0
6 20	16 0.00	−12 26.2	2.799	3.718	7.7	21.1
6 30	15 54.15	−12 53.8	2.885	3.723	10.1	21.3

305513 2008 EC_{163} 5 27.5 16°.97 2°.7/28.8 17

4 21	16 42.47	−29 41.9	1.984	2.808	14.0	20.5
5 1	16 38.28	−29 44.9	1.907	2.811	11.0	20.3
5 11	16 31.84	−29 37.8	1.851	2.815	7.6	20.1
5 21	16 23.81	−29 19.6	1.820	2.819	4.2	19.9
5 31	16 15.17	−28 51.1	1.816	2.823	2.8	19.8
6 10	16 6.98	−28 14.8	1.838	2.828	5.6	20.0
6 20	16 0.16	−27 34.7	1.886	2.834	9.1	20.2
6 30	15 55.42	−26 55.2	1.957	2.839	12.3	20.5

9890 1995 SY_2 5 27.5 247°.15 0°.3/27.5 18 R

4 21	16 48.36	−21 48.8	1.518	2.360	16.7	18.5
5 1	16 43.56	−21 40.9	1.429	2.348	12.9	18.2
5 11	16 35.71	−21 27.1	1.361	2.336	8.5	17.9
5 21	16 25.53	−21 7.5	1.316	2.322	3.5	17.6
5 31	16 14.20	−20 43.4	1.297	2.309	1.9	17.4
6 10	16 3.20	−20 17.9	1.303	2.295	7.2	17.7
6 20	15 53.88	−19 55.1	1.334	2.280	12.2	17.9
6 30	15 47.28	−19 39.0	1.386	2.266	16.6	18.2

157601 2005 WG_3 5 27.5 89°.73 4°.8/25.6 18

4 21	16 44.85	−10 57.0	1.809	2.647	14.5	19.8
5 1	16 39.79	−10 5.9	1.751	2.665	11.3	19.6
5 11	16 32.62	− 9 17.9	1.716	2.682	7.9	19.5
5 21	16 24.06	− 8 36.5	1.706	2.699	5.2	19.3
5 31	16 15.08	− 8 5.6	1.722	2.716	5.3	19.4
6 10	16 6.68	− 7 47.8	1.765	2.733	8.0	19.6
6 20	15 59.68	− 7 44.1	1.833	2.749	11.2	19.8
6 30	15 54.71	− 7 54.4	1.922	2.766	14.1	20.0

227568 2005 YL_{205} 5 27.5 200°.58 0°.3/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.73	−23 20.2	2.113	2.938	13.2	21.4
5 1	16 40.57	−23 8.2	2.026	2.935	10.2	21.2
5 11	16 33.25	−22 50.2	1.961	2.932	6.6	21.0
5 21	16 24.39	−22 26.5	1.923	2.929	2.7	20.7
5 31	16 14.88	−21 58.4	1.912	2.925	1.4	20.6
6 10	16 5.73	−21 28.4	1.930	2.920	5.4	20.9
6 20	15 57.82	−20 59.8	1.974	2.915	9.2	21.1
6 30	15 51.88	−20 35.6	2.042	2.910	12.5	21.3

249161 2008 BF_{21} 5 27.5 220°.71 5°.5/30.4 18

4 21	16 47.19	−39 42.9	2.650	3.417	12.4	21.1
5 1	16 41.67	−40 9.8	2.555	3.410	10.4	21.0
5 11	16 33.97	−40 24.1	2.481	3.403	8.2	20.8
5 21	16 24.69	−40 23.0	2.432	3.395	6.2	20.7
5 31	16 14.71	−40 5.3	2.411	3.387	5.5	20.6
6 10	16 5.04	−39 32.0	2.416	3.379	6.5	20.7
6 20	15 56.60	−38 46.4	2.448	3.370	8.5	20.8
6 30	15 50.10	−37 53.4	2.505	3.362	10.8	20.9

334226 2001 TN_{54} 5 27.5 192°.24 12°.2/20.6 18

4 21	16 47.69	− 1 39.7	1.358	2.197	18.5	20.8
5 1	16 42.74	+ 1 2.3	1.298	2.196	15.6	20.6
5 11	16 34.94	+ 3 37.2	1.259	2.195	13.2	20.5
5 21	16 25.12	+ 5 52.5	1.244	2.193	12.2	20.4
5 31	16 14.52	+ 7 36.5	1.252	2.190	13.3	20.5
6 10	16 4.52	+ 8 42.3	1.282	2.187	15.8	20.6
6 20	15 56.30	+ 9 8.9	1.332	2.183	18.7	20.8
6 30	15 50.69	+ 8 59.9	1.398	2.179	21.5	21.0

377851 2006 BQ_{199} 5 27.5 68°.89 0°.3/27.8 18

4 21	16 35.66	−23 37.7	4.262	5.076	7.3	21.5
5 1	16 31.90	−23 33.3	4.179	5.083	5.5	21.4
5 11	16 27.19	−23 26.0	4.122	5.090	3.6	21.3
5 21	16 21.84	−23 16.0	4.092	5.097	1.5	21.1
5 31	16 16.26	−23 4.1	4.091	5.104	0.8	21.0
6 10	16 10.85	−22 51.0	4.121	5.110	2.8	21.2
6 20	16 5.99	−22 38.0	4.178	5.117	4.8	21.4
6 30	16 1.99	−22 26.2	4.262	5.124	6.6	21.5

44465 1998 VR_{23} 5 27.5 259°.41 0°.5/27.7 18

4 21	16 44.97	−22 23.2	2.034	2.864	13.5	19.4
5 1	16 40.16	−22 34.8	1.946	2.858	10.4	19.2
5 11	16 33.09	−22 42.6	1.880	2.852	6.8	19.0
5 21	16 24.37	−22 46.3	1.840	2.845	2.8	18.7
5 31	16 14.89	−22 45.9	1.827	2.839	1.5	18.6
6 10	16 5.70	−22 42.8	1.841	2.832	5.5	18.8
6 20	15 57.73	−22 39.0	1.882	2.826	9.4	19.1
6 30	15 51.77	−22 37.2	1.946	2.819	12.8	19.3

437646 2014 BW_{48} 5 27.5 264°.75 2°.2/26.6 18

4 21	16 42.29	−16 35.3	2.116	2.953	12.8	20.7
5 1	16 37.84	−16 10.1	2.034	2.951	9.8	20.5
5 11	16 31.44	−15 43.5	1.975	2.949	6.4	20.3
5 21	16 23.66	−15 17.3	1.942	2.946	3.1	20.1
5 31	16 15.31	−14 53.8	1.937	2.944	2.8	20.1
6 10	16 7.30	−14 35.4	1.959	2.942	6.0	20.3
6 20	16 0.42	−14 24.0	2.007	2.940	9.5	20.5
6 30	15 55.32	−14 21.2	2.077	2.938	12.6	20.7

507842 2014 FT_{23} 5 27.5 115°.87 3°.6/29.4 18

4 21	16 45.45	−33 14.1	2.266	3.067	13.2	20.9
5 1	16 40.33	−33 21.4	2.186	3.074	10.6	20.7
5 11	16 33.06	−33 17.4	2.128	3.080	7.6	20.5
5 21	16 24.31	−33 0.5	2.096	3.086	4.8	20.4
5 31	16 14.98	−32 30.8	2.091	3.091	3.7	20.3
6 10	16 6.11	−31 50.8	2.113	3.097	5.6	20.4
6 20	15 58.57	−31 4.3	2.162	3.103	8.5	20.6
6 30	15 53.03	−30 16.0	2.236	3.108	11.4	20.8

484710 2008 VR_{61} 5 27.5 113°.87 5°.5/27.4 18

4 21	17 1.53	−23 27.8	1.035	1.881	22.4	21.0
5 1	16 55.50	−25 46.5	0.969	1.886	17.8	20.7
5 11	16 44.57	−28 10.6	0.921	1.890	12.3	20.4
5 21	16 29.48	−30 28.2	0.895	1.895	7.1	20.2
5 31	16 12.09	−32 25.9	0.895	1.899	6.1	20.1
6 10	15 55.10	−33 55.7	0.918	1.903	10.7	20.4
6 20	15 41.01	−34 58.1	0.964	1.907	16.1	20.7
6 30	15 31.55	−35 40.5	1.028	1.910	20.8	21.0

313652 2003 SC_{160} 5 27.5 259°.61 5°.4/29.3 17

4 21	16 49.54	−33 52.9	1.648	2.461	16.8	21.0
5 1	16 44.68	−34 25.1	1.555	2.448	13.7	20.8
5 11	16 36.58	−34 44.1	1.482	2.434	10.2	20.5
5 21	16 25.95	−34 45.6	1.432	2.420	6.8	20.3
5 31	16 14.04	−34 27.1	1.407	2.406	5.5	20.2
6 10	16 2.46	−33 50.1	1.408	2.391	7.9	20.3
6 20	15 52.68	−32 59.9	1.433	2.376	11.8	20.5
6 30	15 45.81	−32 4.1	1.479	2.361	15.6	20.7

352439 2008 AN_{27} 5 27.5 347°.24 6°.9/31.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.34	−41 32.0	2.150	2.924	14.7	20.6
5 1	16 41.55	−42 4.0	2.066	2.922	12.4	20.4
5 11	16 34.14	−42 20.1	2.002	2.920	10.0	20.3
5 21	16 24.83	−42 16.6	1.961	2.918	7.8	20.1
5 31	16 14.73	−41 51.8	1.945	2.917	6.9	20.1
6 10	16 5.10	−41 7.3	1.955	2.916	7.9	20.1
6 20	15 57.04	−40 7.8	1.990	2.915	10.0	20.3
6 30	15 51.36	−38 59.7	2.048	2.914	12.5	20.4

418086 2007 VN_{312} 5 27.5 246°.50 0°.5/27.4 17

4 21	16 48.48	−19 30.0	1.690	2.527	15.5	21.4
5 1	16 43.37	−19 41.3	1.599	2.515	12.0	21.1
5 11	16 35.48	−19 51.1	1.529	2.503	7.9	20.9
5 21	16 25.46	−19 59.0	1.484	2.491	3.2	20.6
5 31	16 14.36	−20 5.2	1.466	2.478	1.9	20.4
6 10	16 3.52	−20 11.1	1.475	2.465	6.7	20.7
6 20	15 54.15	−20 18.4	1.508	2.452	11.3	20.9
6 30	15 47.21	−20 29.7	1.564	2.438	15.3	21.2

79972 1999 CV_{135} 5 27.5 330°.72 1°.1/27.9 17

4 21	16 43.41	−24 54.7	2.010	2.841	13.6	19.9
5 1	16 38.97	−24 55.5	1.927	2.838	10.5	19.7
5 11	16 32.31	−24 49.8	1.865	2.836	7.0	19.4
5 21	16 24.07	−24 37.4	1.829	2.834	3.1	19.2
5 31	16 15.14	−24 18.9	1.820	2.832	1.7	19.1
6 10	16 6.58	−23 56.7	1.838	2.830	5.5	19.3
6 20	15 59.30	−23 33.5	1.882	2.828	9.2	19.5
6 30	15 54.02	−23 12.9	1.949	2.826	12.6	19.8

200290 2000 AD_{108} 5 27.5 190°.65 3°.3/26.2 18

4 21	16 44.36	−11 36.5	2.390	3.215	11.9	20.7
5 1	16 39.16	−11 17.6	2.306	3.214	9.2	20.6
5 11	16 32.19	−11 1.1	2.247	3.212	6.3	20.4
5 21	16 23.96	−10 48.9	2.213	3.210	3.8	20.2
5 31	16 15.21	−10 42.7	2.209	3.208	3.7	20.2
6 10	16 6.75	−10 44.0	2.232	3.204	6.3	20.4
6 20	15 59.29	−10 53.7	2.282	3.201	9.2	20.5
6 30	15 53.43	−11 12.0	2.356	3.197	11.9	20.7

212722 2007 RM_{135} 5 27.5 237°.61 6°.2/24.8 17

4 21	16 45.67	− 9 36.0	1.662	2.502	15.5	20.8
5 1	16 40.97	− 8 28.1	1.579	2.492	12.3	20.6
5 11	16 33.75	− 7 21.8	1.518	2.481	8.9	20.4
5 21	16 24.70	− 6 22.4	1.481	2.470	6.5	20.2
5 31	16 14.81	− 5 35.5	1.470	2.458	6.9	20.2
6 10	16 5.28	− 5 5.5	1.485	2.446	9.8	20.3
6 20	15 57.16	− 4 54.8	1.523	2.433	13.5	20.5
6 30	15 51.28	− 5 3.3	1.582	2.420	16.9	20.7

503037 2015 FX_{146} 5 27.5 163°.77 3°.1/28.7 18

4 21	16 48.88	−29 34.9	2.216	3.022	13.3	21.3
5 1	16 43.05	−30 6.7	2.133	3.026	10.5	21.1
5 11	16 34.92	−30 30.6	2.073	3.030	7.4	20.9
5 21	16 25.12	−30 44.5	2.039	3.034	4.3	20.7
5 31	16 14.60	−30 47.3	2.033	3.037	3.2	20.7
6 10	16 4.43	−30 39.9	2.055	3.039	5.7	20.8
6 20	15 55.59	−30 25.1	2.103	3.042	8.9	21.0
6 30	15 48.82	−30 6.9	2.176	3.043	11.8	21.2

311465 2005 UQ_{455} 5 27.6 232°.26 2°.1/28.7 18

4 21	16 43.34	−29 35.0	2.575	3.383	11.6	20.9
5 1	16 38.51	−29 29.1	2.480	3.376	9.1	20.7
5 11	16 31.82	−29 14.5	2.409	3.369	6.3	20.5
5 21	16 23.84	−28 50.8	2.364	3.362	3.4	20.3
5 31	16 15.30	−28 18.4	2.347	3.355	2.3	20.2
6 10	16 7.06	−27 39.6	2.358	3.347	4.7	20.4
6 20	15 59.86	−26 57.5	2.397	3.339	7.7	20.6
6 30	15 54.33	−26 15.6	2.461	3.331	10.5	20.7

62644 2000 SP_{360} 5 27.6 257°.48 6°.0/24.9 17

4 21	16 41.93	− 3 24.7	2.356	3.175	12.2	19.7
5 1	16 37.37	− 2 51.0	2.272	3.166	9.9	19.5
5 11	16 31.06	− 2 24.7	2.211	3.157	7.7	19.4
5 21	16 23.53	− 2 8.9	2.175	3.147	6.2	19.3
5 31	16 15.46	− 2 6.3	2.166	3.138	6.4	19.3
6 10	16 7.63	− 2 18.4	2.184	3.128	8.2	19.3
6 20	16 0.75	− 2 45.2	2.227	3.118	10.6	19.5
6 30	15 55.40	− 3 25.5	2.292	3.108	13.0	19.6

507775 2013 YN_{130} 5 27.6 1°.41 0°.6/27.4 17

4 21	16 45.20	−18 29.4	1.732	2.573	14.9	20.8
5 1	16 40.63	−18 52.9	1.654	2.573	11.5	20.6
5 11	16 33.54	−19 16.5	1.598	2.573	7.5	20.3
5 21	16 24.62	−19 39.7	1.566	2.573	3.0	20.0
5 31	16 14.88	−20 2.4	1.561	2.573	1.8	19.9
6 10	16 5.49	−20 24.9	1.583	2.574	6.2	20.2
6 20	15 57.53	−20 48.2	1.629	2.575	10.4	20.5
6 30	15 51.83	−21 13.6	1.699	2.577	14.1	20.7

55839 1996 LH_1 5 27.6 318°.62 9°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.47	− 3 6.3	1.370	2.220	17.7	17.8
5 1	16 39.24	− 2 30.5	1.280	2.193	14.7	17.6
5 11	16 33.09	− 2 6.6	1.209	2.166	11.5	17.3
5 21	16 24.60	− 2 1.1	1.160	2.140	9.2	17.1
5 31	16 14.82	− 2 19.4	1.133	2.114	9.5	17.0
6 10	16 5.15	− 3 4.2	1.128	2.089	12.3	17.1
6 20	15 56.93	− 4 14.2	1.145	2.065	16.1	17.2
6 30	15 51.27	− 5 45.7	1.180	2.042	20.0	17.4

128478 2004 PU_3 5 27.6 274°.36 7°.4/24.1 18

4 21	16 41.17	+ 0 55.2	2.376	3.186	12.4	19.8
5 1	16 36.75	+ 1 37.3	2.297	3.177	10.4	19.7
5 11	16 30.65	+ 2 9.6	2.240	3.169	8.6	19.5
5 21	16 23.36	+ 2 28.3	2.208	3.160	7.5	19.5
5 31	16 15.56	+ 2 30.5	2.202	3.151	7.7	19.5
6 10	16 8.02	+ 2 14.6	2.221	3.143	9.3	19.5
6 20	16 1.41	+ 1 41.3	2.265	3.134	11.3	19.7
6 30	15 56.30	+ 0 52.3	2.330	3.125	13.5	19.8

335541 2006 BC_{32} 5 27.6 42°.34 7°.0/30.6 17

4 21	16 47.77	−38 30.5	1.622	2.425	17.5	20.4
5 1	16 43.13	−39 4.6	1.555	2.435	14.5	20.2
5 11	16 35.35	−39 20.7	1.508	2.446	11.2	20.0
5 21	16 25.36	−39 14.6	1.483	2.457	8.2	19.9
5 31	16 14.53	−38 44.9	1.482	2.469	7.0	19.8
6 10	16 4.46	−37 54.7	1.506	2.481	8.4	19.9
6 20	15 56.42	−36 50.5	1.554	2.493	11.3	20.1
6 30	15 51.29	−35 40.6	1.623	2.505	14.4	20.4

510431 2011 UD_{343} 5 27.6 198°.48 0°.6/27.8 18

4 21	16 43.14	−23 46.9	2.916	3.730	10.3	23.2
5 1	16 38.06	−23 46.8	2.823	3.726	7.9	23.1
5 11	16 31.41	−23 42.4	2.755	3.723	5.2	22.9
5 21	16 23.65	−23 33.8	2.714	3.719	2.2	22.7
5 31	16 15.42	−23 21.4	2.702	3.714	1.1	22.6
6 10	16 7.41	−23 6.6	2.720	3.709	4.1	22.8
6 20	16 0.27	−22 51.3	2.765	3.703	7.0	23.0
6 30	15 54.54	−22 37.5	2.836	3.698	9.6	23.1

196651 2003 SN_{28} 5 27.6 148°.87 3°.5/29.1 18

4 21	16 47.06	−31 50.6	2.170	2.975	13.6	20.3
5 1	16 41.69	−32 6.4	2.089	2.980	10.8	20.2
5 11	16 34.04	−32 11.8	2.030	2.984	7.7	20.0
5 21	16 24.77	−32 5.0	1.997	2.989	4.7	19.8
5 31	16 14.84	−31 45.6	1.990	2.993	3.6	19.7
6 10	16 5.36	−31 15.6	2.012	2.997	5.8	19.9
6 20	15 57.25	−30 38.8	2.060	3.000	8.9	20.1
6 30	15 51.23	−29 59.8	2.132	3.004	11.9	20.3

374504 2005 YU_{174} 5 27.6 134°.98 5°.9/30.7 17

4 21	16 52.07	−40 22.2	2.368	3.131	13.8	21.6
5 1	16 45.45	−40 48.6	2.294	3.146	11.5	21.5
5 11	16 36.40	−41 0.0	2.240	3.160	9.0	21.4
5 21	16 25.69	−40 53.4	2.212	3.173	6.8	21.2
5 31	16 14.39	−40 27.7	2.210	3.186	5.9	21.2
6 10	16 3.67	−39 44.8	2.236	3.198	6.9	21.3
6 20	15 54.54	−38 49.4	2.288	3.210	9.1	21.4
6 30	15 47.71	−37 47.5	2.365	3.221	11.4	21.6

39534 1990 RK_1 5 27.6 241°.83 6°.4/29.9 18

4 21	16 50.34	−38 53.8	2.259	3.033	14.1	18.6
5 1	16 44.66	−39 41.9	2.160	3.020	11.8	18.4
5 11	16 36.27	−40 17.7	2.082	3.006	9.3	18.2
5 21	16 25.80	−40 36.9	2.028	2.992	7.2	18.0
5 31	16 14.27	−40 36.4	2.001	2.978	6.4	18.0
6 10	16 2.95	−40 16.6	2.001	2.963	7.6	18.0
6 20	15 53.04	−39 40.9	2.026	2.948	10.1	18.1
6 30	15 45.49	−38 54.9	2.075	2.932	12.7	18.3

265612 2005 SK_{49} 5 27.6 136°.96 0°.8/27.9 17

4 21	16 46.75	−24 3.1	1.838	2.669	14.7	21.6
5 1	16 41.65	−24 4.0	1.762	2.674	11.3	21.4
5 11	16 34.10	−23 58.7	1.707	2.678	7.4	21.1
5 21	16 24.82	−23 46.7	1.678	2.683	3.2	20.9
5 31	16 14.85	−23 28.9	1.675	2.687	1.6	20.8
6 10	16 5.35	−23 7.7	1.700	2.691	5.8	21.1
6 20	15 57.33	−22 46.3	1.750	2.695	9.9	21.3
6 30	15 51.55	−22 28.1	1.823	2.699	13.4	21.5

63751 2001 QX_{264} 5 27.6 261°.43 1°.4/26.9 18

4 21	16 42.92	−18 23.6	2.132	2.966	12.8	20.1
5 1	16 38.42	−18 6.6	2.044	2.959	9.8	19.8
5 11	16 31.90	−17 47.2	1.979	2.952	6.4	19.6
5 21	16 23.92	−17 26.7	1.939	2.945	2.8	19.4
5 31	16 15.31	−17 6.8	1.928	2.938	2.2	19.3
6 10	16 7.00	−16 49.7	1.944	2.930	5.7	19.5
6 20	15 59.80	−16 37.7	1.985	2.923	9.3	19.7
6 30	15 54.41	−16 32.5	2.051	2.915	12.6	19.9

146927 2002 CX_{276} 5 27.6 217°.69 0°.3/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.26	−21 27.2	2.477	3.303	11.5	21.0
5 1	16 37.64	−21 14.3	2.389	3.300	8.8	20.8
5 11	16 31.24	−20 57.5	2.325	3.297	5.7	20.6
5 21	16 23.62	−20 37.5	2.287	3.293	2.3	20.3
5 31	16 15.48	−20 15.4	2.277	3.289	1.3	20.3
6 10	16 7.63	−19 53.4	2.296	3.286	4.8	20.5
6 20	16 0.77	−19 33.5	2.342	3.282	8.0	20.7
6 30	15 55.49	−19 18.0	2.413	3.278	10.9	20.9

382193 2012 LC_{15} 5 27.6 137°.54 4°.0/27.5 18

4 21	17 4.48	−21 48.3	1.207	2.037	20.8	20.4
5 1	16 57.13	−23 56.0	1.136	2.045	16.4	20.1
5 11	16 45.29	−26 9.2	1.085	2.053	11.1	19.8
5 21	16 29.73	−28 17.9	1.059	2.060	5.8	19.6
5 31	16 12.19	−30 10.8	1.060	2.067	4.6	19.5
6 10	15 55.06	−31 41.1	1.088	2.073	9.4	19.8
6 20	15 40.52	−32 48.5	1.140	2.078	14.6	20.1
6 30	15 30.13	−33 38.7	1.213	2.083	19.0	20.4

355147 2006 VM_8 5 27.6 171°.25 0°.7/27.2 17

4 21	16 42.71	−19 55.4	2.743	3.565	10.6	22.5
5 1	16 37.75	−19 43.7	2.659	3.567	8.1	22.4
5 11	16 31.21	−19 29.4	2.598	3.570	5.2	22.2
5 21	16 23.59	−19 13.1	2.566	3.572	2.1	22.0
5 31	16 15.54	−18 56.1	2.562	3.573	1.4	21.9
6 10	16 7.76	−18 39.9	2.587	3.574	4.5	22.1
6 20	16 0.90	−18 26.4	2.640	3.575	7.4	22.3
6 30	15 55.48	−18 17.1	2.718	3.576	10.1	22.5

40058 1998 KL_{46} 5 27.6 333°.07 5°.1/26.4 18

4 21	16 39.37	−12 11.3	1.110	1.988	18.9	17.7
5 1	16 37.41	−11 51.2	1.030	1.967	15.0	17.4
5 11	16 32.18	−11 35.7	0.969	1.948	10.4	17.0
5 21	16 24.32	−11 28.8	0.927	1.929	6.1	16.7
5 31	16 15.07	−11 34.8	0.907	1.912	5.9	16.7
6 10	16 6.07	−11 56.6	0.909	1.896	10.3	16.8
6 20	15 58.88	−12 34.8	0.930	1.882	15.5	17.1
6 30	15 54.72	−13 28.3	0.970	1.870	20.2	17.3

283455 2001 FV_{221} 5 27.6 8°.36 1°.3/27.9 17

4 21	16 41.37	−24 34.5	1.398	2.254	17.1	20.3
5 1	16 38.24	−24 39.1	1.330	2.256	13.2	20.1
5 11	16 32.23	−24 35.9	1.282	2.259	8.7	19.8
5 21	16 24.16	−24 24.5	1.257	2.263	3.8	19.5
5 31	16 15.24	−24 6.0	1.255	2.267	2.0	19.4
6 10	16 6.89	−23 43.5	1.278	2.273	6.8	19.7
6 20	16 0.30	−23 20.9	1.324	2.280	11.4	20.0
6 30	15 56.34	−23 2.5	1.391	2.288	15.4	20.3

38863 2000 SX_{108} 5 27.6 143°.87 1°.3/27.1 17

4 21	16 47.67	−19 35.6	1.593	2.434	16.0	18.9
5 1	16 42.58	−19 15.7	1.520	2.440	12.3	18.7
5 11	16 34.82	−18 51.9	1.469	2.444	8.0	18.4
5 21	16 25.15	−18 25.3	1.443	2.449	3.3	18.2
5 31	16 14.74	−17 58.3	1.442	2.453	2.4	18.1
6 10	16 4.88	−17 34.3	1.468	2.457	6.9	18.4
6 20	15 56.68	−17 16.4	1.519	2.461	11.3	18.7
6 30	15 50.96	−17 7.1	1.591	2.464	15.1	18.9

190648 2000 XS_{24} 5 27.6 199°.26 1°.9/28.2 18

4 21	16 48.32	−26 5.0	2.300	3.111	12.7	20.5
5 1	16 42.57	−26 31.3	2.208	3.108	9.9	20.3
5 11	16 34.62	−26 52.3	2.141	3.105	6.7	20.1
5 21	16 25.07	−27 6.5	2.099	3.100	3.3	19.9
5 31	16 14.76	−27 13.0	2.086	3.096	2.2	19.8
6 10	16 4.70	−27 12.6	2.102	3.090	5.2	20.0
6 20	15 55.83	−27 7.5	2.145	3.084	8.6	20.2
6 30	15 48.88	−27 0.5	2.213	3.078	11.7	20.4

436234 2010 AQ_{66} 5 27.6 56°.25 8°.6/24.6 17

4 21	16 43.02	− 0 28.5	1.751	2.578	15.4	20.3
5 1	16 38.52	+ 0 28.4	1.698	2.591	12.7	20.2
5 11	16 31.91	+ 1 13.1	1.665	2.604	10.3	20.0
5 21	16 23.90	+ 1 40.5	1.656	2.617	8.8	20.0
5 31	16 15.42	+ 1 46.8	1.672	2.630	9.0	20.0
6 10	16 7.48	+ 1 30.9	1.711	2.644	10.8	20.2
6 20	16 0.91	+ 0 54.2	1.774	2.657	13.3	20.3
6 30	15 56.31	− 0 0.2	1.856	2.671	15.7	20.5

316432 2010 TQ_{167} 5 27.6 67°.48 4°.7/29.1 17

4 21	16 48.89	−31 42.4	1.491	2.318	17.7	20.6
5 1	16 44.09	−32 13.5	1.422	2.325	14.1	20.4
5 11	16 36.08	−32 31.7	1.372	2.331	10.1	20.2
5 21	16 25.74	−32 33.6	1.344	2.338	6.2	20.0
5 31	16 14.44	−32 17.7	1.341	2.344	4.8	19.9
6 10	16 3.79	−31 46.6	1.364	2.351	7.6	20.1
6 20	15 55.16	−31 6.1	1.410	2.358	11.5	20.3
6 30	15 49.48	−30 22.8	1.478	2.365	15.3	20.6

4829 Sergestus 5 27.6 268°.56 0°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 34.78	−18 17.3	4.374	5.196	7.0	18.4
5 1	16 31.24	−17 56.7	4.283	5.192	5.3	18.3
5 11	16 26.81	−17 34.7	4.217	5.188	3.4	18.1
5 21	16 21.78	−17 12.2	4.180	5.185	1.5	18.0
5 31	16 16.52	−16 50.3	4.172	5.181	1.2	17.9
6 10	16 11.40	−16 30.0	4.194	5.178	3.1	18.1
6 20	16 6.78	−16 12.5	4.244	5.174	5.0	18.2
6 30	16 2.95	−15 58.7	4.320	5.170	6.8	18.4

62831 2000 UM_{54} 5 27.6 258°.63 1°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.30	−17 40.3	2.412	3.240	11.7	19.3
5 1	16 38.54	−17 42.7	2.318	3.229	9.0	19.1
5 11	16 31.92	−17 44.4	2.247	3.219	5.9	18.9
5 21	16 23.96	−17 46.1	2.202	3.208	2.5	18.6
5 31	16 15.36	−17 48.4	2.186	3.197	1.8	18.5
6 10	16 6.96	−17 52.6	2.198	3.185	5.2	18.8
6 20	15 59.52	−17 59.7	2.238	3.174	8.5	18.9
6 30	15 53.69	−18 11.0	2.301	3.163	11.5	19.1

18851 Winmesser 5 27.6 49°.23 1°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.58	−26 3.4	1.258	2.111	18.8	17.4
5 1	16 42.28	−25 49.6	1.204	2.127	14.5	17.2
5 11	16 34.79	−25 24.4	1.168	2.144	9.5	16.9
5 21	16 25.14	−24 48.1	1.155	2.161	4.2	16.7
5 31	16 14.81	−24 3.4	1.166	2.178	2.1	16.6
6 10	16 5.40	−23 15.4	1.202	2.196	7.2	16.9
6 20	15 58.15	−22 30.3	1.260	2.215	12.0	17.3
6 30	15 53.84	−21 53.0	1.339	2.233	16.1	17.5

205643 2001 XP_{41} 5 27.6 172°.24 3°.7/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.80	−31 29.3	1.978	2.779	14.9	22.0
5 1	16 46.36	−31 51.2	1.895	2.784	11.9	21.8
5 11	16 37.22	−32 2.3	1.834	2.788	8.4	21.6
5 21	16 26.14	−31 59.8	1.798	2.790	5.1	21.4
5 31	16 14.24	−31 42.7	1.790	2.792	3.8	21.3
6 10	16 2.82	−31 13.1	1.809	2.793	6.3	21.5
6 20	15 53.02	−30 35.1	1.855	2.794	9.8	21.7
6 30	15 45.68	−29 54.5	1.925	2.793	13.1	21.9

518191 2016 OZ_{6} 5 27.6 173°.67 1°.2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.38	−24 9.0	2.355	3.174	12.2	21.0
5 1	16 40.19	−24 29.8	2.270	3.175	9.5	20.8
5 11	16 33.01	−24 46.3	2.208	3.176	6.2	20.6
5 21	16 24.40	−24 57.8	2.173	3.177	2.8	20.4
5 31	16 15.17	−25 3.9	2.166	3.177	1.6	20.3
6 10	16 6.22	−25 5.6	2.188	3.178	4.9	20.5
6 20	15 58.38	−25 4.6	2.236	3.178	8.2	20.7
6 30	15 52.31	−25 3.3	2.309	3.178	11.2	20.9

144772 2004 HB_{25} 5 27.6 325°.61 0°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.51	−20 45.6	1.942	2.780	13.7	20.1
5 1	16 38.38	−20 44.7	1.855	2.773	10.5	19.9
5 11	16 32.03	−20 40.5	1.791	2.766	6.8	19.7
5 21	16 24.06	−20 33.3	1.752	2.759	2.8	19.4
5 31	16 15.36	−20 24.3	1.740	2.752	1.6	19.3
6 10	16 6.95	−20 15.1	1.754	2.746	5.7	19.6
6 20	15 59.78	−20 8.1	1.794	2.740	9.7	19.8
6 30	15 54.60	−20 5.6	1.857	2.734	13.1	20.0

107027 2000 YK_{119} 5 27.6 118°.53 3°.0/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.98	−28 40.8	1.702	2.522	16.1	20.3
5 1	16 45.14	−29 3.3	1.633	2.536	12.6	20.1
5 11	16 36.49	−29 16.1	1.585	2.548	8.7	19.9
5 21	16 25.86	−29 16.9	1.562	2.561	4.7	19.7
5 31	16 14.46	−29 5.1	1.565	2.573	3.2	19.6
6 10	16 3.71	−28 43.1	1.595	2.584	6.5	19.9
6 20	15 54.75	−28 15.1	1.651	2.595	10.4	20.1
6 30	15 48.41	−27 46.4	1.729	2.606	13.9	20.4

156436 2002 AB_{123} 5 27.6 98°.29 0°.2/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.97	−22 37.2	1.958	2.784	14.1	20.7
5 1	16 42.23	−22 34.0	1.895	2.806	10.7	20.5
5 11	16 34.28	−22 25.6	1.856	2.827	6.9	20.3
5 21	16 24.87	−22 12.3	1.841	2.847	2.8	20.1
5 31	16 15.00	−21 55.3	1.855	2.868	1.4	20.0
6 10	16 5.72	−21 36.8	1.897	2.887	5.5	20.3
6 20	15 57.90	−21 19.5	1.965	2.907	9.2	20.6
6 30	15 52.18	−21 6.3	2.057	2.925	12.4	20.8

35178 1993 TQ_{27} 5 27.6 335°.93 0°.7/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.04	−22 49.5	2.139	2.969	12.9	18.5
5 1	16 38.62	−23 5.0	2.052	2.965	9.9	18.3
5 11	16 32.11	−23 16.8	1.989	2.961	6.5	18.0
5 21	16 24.08	−23 24.5	1.951	2.957	2.8	17.8
5 31	16 15.37	−23 28.0	1.941	2.953	1.4	17.7
6 10	16 6.94	−23 28.6	1.958	2.950	5.2	17.9
6 20	15 59.65	−23 28.0	2.002	2.947	8.8	18.2
6 30	15 54.22	−23 28.5	2.069	2.944	12.0	18.3

323049 2002 RN_{169} 5 27.6 320°.34 4°.0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.96	−29 34.2	1.423	2.263	17.7	20.8
5 1	16 42.14	−30 2.7	1.341	2.254	14.1	20.5
5 11	16 35.06	−30 20.4	1.279	2.245	9.9	20.2
5 21	16 25.45	−30 24.0	1.239	2.237	5.7	20.0
5 31	16 14.63	−30 11.9	1.223	2.230	4.2	19.9
6 10	16 4.23	−29 46.3	1.231	2.222	7.6	20.0
6 20	15 55.71	−29 12.1	1.263	2.215	12.1	20.3
6 30	15 50.18	−28 35.8	1.315	2.209	16.3	20.5

316253 2010 OA_{72} 5 27.6 322°.94 7°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.16	−41 1.3	2.265	3.036	14.1	19.9
5 1	16 42.26	−41 58.7	2.177	3.030	12.0	19.7
5 11	16 34.74	−42 42.8	2.109	3.024	9.7	19.6
5 21	16 25.23	−43 9.3	2.066	3.018	7.8	19.4
5 31	16 14.76	−43 15.4	2.047	3.013	7.1	19.4
6 10	16 4.56	−43 1.3	2.054	3.007	8.1	19.4
6 20	15 55.79	−42 30.3	2.086	3.002	10.1	19.5
6 30	15 49.33	−41 47.8	2.141	2.997	12.4	19.7

239991 2001 SX_{15} 5 27.6 303°.39 3°.7/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.33	−16 24.8	1.225	2.092	18.3	20.6
5 1	16 40.31	−15 44.6	1.139	2.071	14.3	20.3
5 11	16 34.01	−15 0.4	1.071	2.050	9.6	19.9
5 21	16 25.09	−14 15.8	1.025	2.029	4.9	19.6
5 31	16 14.80	−13 35.9	1.002	2.009	4.7	19.5
6 10	16 4.77	−13 5.9	1.002	1.989	9.6	19.7
6 20	15 56.50	−12 50.5	1.023	1.970	14.9	20.0
6 30	15 51.20	−12 52.0	1.063	1.951	19.8	20.2

75309 1999 XE_{38} 5 27.6 172°.66 2°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.08	−26 19.0	1.957	2.775	14.4	19.7
5 1	16 44.22	−26 40.4	1.875	2.778	11.2	19.5
5 11	16 35.83	−26 55.1	1.815	2.780	7.6	19.3
5 21	16 25.61	−27 1.4	1.781	2.782	3.7	19.0
5 31	16 14.60	−26 58.7	1.774	2.784	2.4	18.9
6 10	16 3.99	−26 48.4	1.795	2.784	5.8	19.2
6 20	15 54.84	−26 33.6	1.842	2.785	9.7	19.4
6 30	15 47.97	−26 18.0	1.914	2.784	13.1	19.6

308112 2004 XH_{15} 5 27.6 269°.23 1°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.11	−17 11.5	1.522	2.367	16.5	20.5
5 1	16 43.45	−17 15.8	1.430	2.350	12.8	20.2
5 11	16 35.79	−17 20.4	1.358	2.333	8.5	19.9
5 21	16 25.76	−17 25.7	1.310	2.316	3.7	19.6
5 31	16 14.47	−17 32.8	1.287	2.298	2.7	19.4
6 10	16 3.36	−17 43.0	1.291	2.280	7.6	19.7
6 20	15 53.80	−17 58.1	1.318	2.262	12.5	19.9
6 30	15 46.87	−18 19.8	1.367	2.244	16.9	20.1

75344 1999 XS_{61} 5 27.6 57°.60 2°.3/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.01	−16 19.9	1.391	2.243	17.3	18.9
5 1	16 42.26	−16 15.5	1.333	2.257	13.3	18.7
5 11	16 34.68	−16 11.7	1.296	2.272	8.6	18.4
5 21	16 25.13	−16 9.5	1.282	2.287	3.9	18.2
5 31	16 14.90	−16 10.8	1.292	2.302	3.1	18.2
6 10	16 5.37	−16 17.2	1.329	2.317	7.5	18.5
6 20	15 57.68	−16 30.2	1.388	2.333	11.9	18.8
6 30	15 52.64	−16 50.7	1.469	2.348	15.8	19.0

331486 1998 VQ_{56} 5 27.6 237°.95 2°.0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.38	−19 12.2	2.060	2.889	13.4	20.9
5 1	16 41.20	−18 20.5	1.961	2.874	10.3	20.7
5 11	16 33.80	−17 22.6	1.886	2.858	6.8	20.5
5 21	16 24.78	−16 20.8	1.837	2.841	3.1	20.2
5 31	16 15.03	−15 18.7	1.816	2.824	2.8	20.1
6 10	16 5.57	−14 20.7	1.824	2.806	6.5	20.3
6 20	15 57.31	−13 30.8	1.858	2.788	10.4	20.5
6 30	15 51.00	−12 52.3	1.916	2.769	13.8	20.7

30606 2503 $P\text{–}L$ 5 27.6 182°.01 7°.2/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.83	−39 37.3	2.052	2.827	15.3	18.2
5 1	16 46.81	−40 39.5	1.969	2.827	12.8	18.0
5 11	16 37.79	−41 28.1	1.907	2.828	10.2	17.8
5 21	16 26.49	−41 57.7	1.868	2.827	8.0	17.7
5 31	16 14.12	−42 4.9	1.855	2.827	7.2	17.6
6 10	16 2.12	−41 50.1	1.868	2.826	8.4	17.7
6 20	15 51.81	−41 17.2	1.906	2.825	10.8	17.8
6 30	15 44.18	−40 32.7	1.967	2.823	13.4	18.0

183137 2002 RW_{219} 5 27.6 188°.52 0°.2/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.26	−22 34.8	2.174	2.994	13.1	21.6
5 1	16 42.50	−22 28.7	2.086	2.993	10.1	21.4
5 11	16 34.55	−22 17.6	2.022	2.992	6.6	21.2
5 21	16 25.06	−22 1.6	1.984	2.990	2.7	21.0
5 31	16 14.90	−21 41.5	1.975	2.987	1.4	20.8
6 10	16 5.10	−21 19.5	1.994	2.983	5.4	21.1
6 20	15 56.54	−20 58.4	2.040	2.979	9.1	21.3
6 30	15 49.94	−20 41.1	2.111	2.974	12.3	21.5

246104 2007 EB_{163} 5 27.6 279°.96 1°.1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.28	−19 12.1	2.391	3.222	11.7	20.6
5 1	16 36.97	−18 52.4	2.303	3.217	8.9	20.5
5 11	16 30.89	−18 29.8	2.238	3.211	5.8	20.2
5 21	16 23.56	−18 5.6	2.199	3.205	2.4	20.0
5 31	16 15.69	−17 41.4	2.189	3.199	1.8	20.0
6 10	16 8.10	−17 19.4	2.207	3.194	5.1	20.2
6 20	16 1.50	−17 1.6	2.251	3.188	8.4	20.4
6 30	15 56.49	−16 50.1	2.319	3.182	11.3	20.5

215218 2000 UH_{20} 5 27.6 260°.43 0°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.77	−20 45.6	2.461	3.287	11.6	20.7
5 1	16 38.16	−20 33.9	2.361	3.272	8.9	20.5
5 11	16 31.71	−20 18.7	2.285	3.257	5.8	20.3
5 21	16 23.92	−20 0.5	2.235	3.241	2.3	20.1
5 31	16 15.50	−19 40.5	2.213	3.225	1.4	20.0
6 10	16 7.28	−19 20.8	2.220	3.209	5.0	20.2
6 20	16 0.01	−19 3.3	2.254	3.192	8.3	20.4
6 30	15 54.33	−18 50.4	2.312	3.175	11.4	20.5

276682 2003 YE_{25} 5 27.6 144°.31 0°.6/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.49	−20 29.1	1.832	2.663	14.7	21.1
5 1	16 42.92	−20 23.7	1.758	2.671	11.3	20.9
5 11	16 34.92	−20 14.5	1.706	2.679	7.3	20.6
5 21	16 25.22	−20 2.1	1.680	2.687	2.9	20.4
5 31	16 14.87	−19 47.7	1.682	2.694	1.7	20.3
6 10	16 5.02	−19 33.5	1.711	2.700	6.1	20.6
6 20	15 56.65	−19 22.2	1.765	2.706	10.1	20.8
6 30	15 50.52	−19 16.2	1.843	2.711	13.6	21.1

270327 2001 XK_{113} 5 27.6 123°.40 2°.1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.96	−16 11.2	2.064	2.893	13.4	21.4
5 1	16 41.35	−15 56.6	1.996	2.907	10.2	21.2
5 11	16 33.70	−15 41.6	1.951	2.922	6.7	21.0
5 21	16 24.68	−15 27.5	1.932	2.936	3.1	20.8
5 31	16 15.17	−15 16.1	1.942	2.949	2.7	20.8
6 10	16 6.15	−15 9.2	1.979	2.962	6.0	21.0
6 20	15 58.42	−15 8.2	2.043	2.975	9.4	21.2
6 30	15 52.60	−15 14.3	2.130	2.986	12.5	21.5

509219 2006 SZ_{250} 5 27.6 211°.29 0°.4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.76	−23 25.9	2.763	3.579	10.7	23.4
5 1	16 38.68	−23 21.2	2.668	3.572	8.3	23.2
5 11	16 31.92	−23 12.0	2.596	3.565	5.4	23.0
5 21	16 23.97	−22 58.4	2.552	3.558	2.3	22.7
5 31	16 15.51	−22 41.1	2.537	3.550	1.1	22.6
6 10	16 7.27	−22 21.8	2.552	3.541	4.3	22.9
6 20	15 59.94	−22 2.4	2.594	3.532	7.4	23.0
6 30	15 54.09	−21 45.3	2.661	3.523	10.1	23.2

410435 2008 BU_{41} 5 27.6 108°.17 1°.5/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.09	−17 57.4	1.748	2.582	15.2	21.3
5 1	16 43.31	−17 50.3	1.685	2.600	11.6	21.1
5 11	16 35.10	−17 41.8	1.644	2.617	7.5	20.9
5 21	16 25.27	−17 32.6	1.628	2.634	3.2	20.7
5 31	16 14.87	−17 24.2	1.640	2.650	2.3	20.7
6 10	16 5.09	−17 18.7	1.679	2.666	6.4	20.9
6 20	15 56.90	−17 17.9	1.744	2.682	10.3	21.2
6 30	15 50.98	−17 23.5	1.831	2.697	13.8	21.5

360971 2005 UP_{212} 5 27.6 195°.69 0°.4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.22	−20 39.4	2.902	3.722	10.2	22.1
5 1	16 37.37	−20 31.3	2.812	3.719	7.8	22.0
5 11	16 31.00	−20 20.4	2.746	3.717	5.0	21.8
5 21	16 23.58	−20 7.1	2.708	3.714	2.0	21.6
5 31	16 15.72	−19 52.5	2.698	3.710	1.2	21.5
6 10	16 8.10	−19 38.1	2.718	3.706	4.2	21.7
6 20	16 1.31	−19 25.4	2.766	3.702	7.1	21.9
6 30	15 55.87	−19 16.1	2.840	3.698	9.6	22.0

186362 2002 GR_{72} 5 27.6 82°.96 2°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.51	−14 5.7	2.357	3.190	11.8	20.5
5 1	16 36.99	−13 36.5	2.287	3.200	9.0	20.3
5 11	16 30.81	−13 7.9	2.240	3.210	6.0	20.2
5 21	16 23.50	−12 41.8	2.219	3.219	3.3	20.0
5 31	16 15.79	−12 20.5	2.227	3.229	3.2	20.0
6 10	16 8.44	−12 5.9	2.262	3.239	5.8	20.2
6 20	16 2.12	−11 59.3	2.323	3.249	8.8	20.4
6 30	15 57.36	−12 1.5	2.408	3.258	11.4	20.6

143530 2003 EE_{19} 5 27.6 93°.69 5°.1/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.24	− 8 8.6	2.232	3.063	12.4	20.1
5 1	16 36.87	− 7 17.9	2.161	3.068	9.8	19.9
5 11	16 30.77	− 6 31.2	2.114	3.072	7.2	19.8
5 21	16 23.50	− 5 51.8	2.092	3.077	5.3	19.7
5 31	16 15.79	− 5 23.0	2.098	3.081	5.5	19.7
6 10	16 8.43	− 5 7.2	2.130	3.086	7.6	19.8
6 20	16 2.12	− 5 5.2	2.187	3.090	10.3	20.0
6 30	15 57.40	− 5 16.7	2.266	3.095	12.8	20.2

510387 2011 UE_{83} 5 27.6 210°.53 1°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.23	−27 32.1	2.687	3.495	11.2	22.8
5 1	16 39.16	−27 42.8	2.593	3.491	8.7	22.6
5 11	16 32.29	−27 47.3	2.523	3.486	5.9	22.4
5 21	16 24.15	−27 44.8	2.480	3.480	3.1	22.2
5 31	16 15.43	−27 35.2	2.466	3.475	2.0	22.1
6 10	16 6.96	−27 19.9	2.480	3.469	4.5	22.3
6 20	15 59.46	−27 1.1	2.522	3.463	7.5	22.4
6 30	15 53.55	−26 41.4	2.589	3.456	10.2	22.6

350674 2001 UB_{100} 5 27.6 150°.48 2°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.18	−15 42.7	3.102	3.921	9.6	22.2
5 1	16 37.08	−15 5.3	3.025	3.931	7.3	22.0
5 11	16 30.68	−14 26.9	2.973	3.941	4.8	21.9
5 21	16 23.42	−13 49.3	2.949	3.950	2.5	21.7
5 31	16 15.85	−13 14.2	2.956	3.959	2.4	21.7
6 10	16 8.59	−12 43.9	2.992	3.968	4.7	21.9
6 20	16 2.14	−12 19.7	3.056	3.975	7.1	22.0
6 30	15 56.93	−12 2.9	3.145	3.983	9.3	22.2

478268 2011 UF_{407} 5 27.6 214°.15 1°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.59	−29 52.8	2.719	3.521	11.2	21.6
5 1	16 39.39	−29 37.9	2.621	3.514	8.8	21.4
5 11	16 32.40	−29 13.9	2.547	3.506	6.1	21.2
5 21	16 24.18	−28 40.6	2.500	3.499	3.2	21.0
5 31	16 15.44	−27 58.7	2.482	3.490	2.1	20.9
6 10	16 7.01	−27 10.8	2.493	3.482	4.5	21.1
6 20	15 59.60	−26 20.0	2.532	3.473	7.4	21.3
6 30	15 53.80	−25 30.1	2.597	3.463	10.2	21.4

341127 2007 MM 5 27.6 302°.78 2°.9/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.92	−28 3.7	1.779	2.608	15.1	20.9
5 1	16 40.79	−28 26.8	1.683	2.591	12.0	20.6
5 11	16 33.94	−28 41.9	1.609	2.575	8.3	20.4
5 21	16 24.99	−28 46.9	1.558	2.558	4.5	20.1
5 31	16 14.97	−28 40.8	1.533	2.541	3.1	20.0
6 10	16 5.17	−28 24.9	1.535	2.525	6.5	20.1
6 20	15 56.79	−28 2.5	1.561	2.509	10.6	20.3
6 30	15 50.80	−27 38.4	1.609	2.494	14.4	20.5

216182 2006 TD_{45} 5 27.6 241°.15 0°.4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.11	−20 52.0	2.370	3.197	11.9	21.2
5 1	16 38.44	−20 44.0	2.278	3.190	9.1	21.0
5 11	16 31.89	−20 32.7	2.210	3.182	5.9	20.8
5 21	16 24.01	−20 18.4	2.169	3.175	2.4	20.6
5 31	16 15.52	−20 2.3	2.155	3.167	1.4	20.5
6 10	16 7.30	−19 46.3	2.170	3.160	5.0	20.7
6 20	16 0.10	−19 32.4	2.212	3.152	8.4	20.9
6 30	15 54.56	−19 22.7	2.278	3.143	11.4	21.1

115651 2003 UV_{136} 5 27.6 86°.40 1°.6/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.70	−18 48.6	1.926	2.765	13.8	19.9
5 1	16 39.13	−18 21.8	1.851	2.769	10.6	19.7
5 11	16 32.42	−17 51.8	1.799	2.773	6.8	19.5
5 21	16 24.22	−17 20.2	1.771	2.777	3.0	19.3
5 31	16 15.44	−16 49.6	1.771	2.781	2.3	19.2
6 10	16 7.10	−16 22.8	1.799	2.785	6.1	19.5
6 20	16 0.06	−16 2.5	1.851	2.790	9.8	19.7
6 30	15 55.00	−15 50.7	1.927	2.794	13.1	19.9

27083 1998 TG_{32} 5 27.6 203°.12 1°.6/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.25	−25 43.2	1.520	2.356	17.0	18.8
5 1	16 44.25	−25 44.6	1.440	2.354	13.2	18.5
5 11	16 36.20	−25 37.1	1.380	2.352	8.8	18.3
5 21	16 25.88	−25 19.5	1.344	2.349	4.0	18.0
5 31	16 14.56	−24 52.4	1.334	2.346	2.2	17.8
6 10	16 3.75	−24 19.1	1.350	2.343	6.9	18.1
6 20	15 54.75	−23 44.3	1.390	2.339	11.6	18.4
6 30	15 48.54	−23 13.3	1.452	2.335	15.7	18.6

67814 2000 VL_{26} 5 27.6 297°.94 0°.2/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.40	−24 4.7	1.375	2.227	17.5	18.9
5 1	16 40.89	−23 32.0	1.286	2.210	13.6	18.7
5 11	16 34.23	−22 47.8	1.216	2.193	9.0	18.3
5 21	16 25.16	−21 52.9	1.170	2.177	3.7	18.0
5 31	16 14.90	−20 50.4	1.148	2.160	2.0	17.8
6 10	16 5.02	−19 46.3	1.150	2.144	7.6	18.1
6 20	15 56.91	−18 47.1	1.176	2.128	12.9	18.3
6 30	15 51.64	−17 59.1	1.221	2.112	17.6	18.6

424712 2008 SQ_{119} 5 27.6 40°.91 0°.7/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.25	−20 41.1	1.857	2.696	14.2	21.5
5 1	16 39.72	−20 25.0	1.779	2.696	10.9	21.3
5 11	16 32.90	−20 4.5	1.722	2.696	7.1	21.1
5 21	16 24.44	−19 40.6	1.690	2.697	2.9	20.8
5 31	16 15.32	−19 15.3	1.686	2.697	1.8	20.7
6 10	16 6.62	−18 51.2	1.708	2.698	6.0	21.0
6 20	15 59.27	−18 31.3	1.755	2.698	10.0	21.2
6 30	15 54.02	−18 18.1	1.826	2.699	13.5	21.4

46479 1150 T-2 5 27.6 318°.16 0°.5/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.72	−22 35.2	1.275	2.137	18.0	18.9
5 1	16 39.92	−22 38.7	1.186	2.116	14.1	18.6
5 11	16 33.82	−22 36.0	1.117	2.096	9.4	18.3
5 21	16 25.08	−22 26.8	1.069	2.076	3.9	17.9
5 31	16 14.93	−22 11.7	1.044	2.057	2.0	17.7
6 10	16 5.01	−21 53.7	1.043	2.039	7.8	18.0
6 20	15 56.86	−21 36.9	1.064	2.021	13.3	18.2
6 30	15 51.72	−21 25.9	1.104	2.005	18.2	18.5

84955 2003 XB_9 5 27.6 237°.18 6°.1/30.0 17

4 21	16 49.18	−38 30.8	2.274	3.051	13.9	20.2
5 1	16 43.71	−39 12.5	2.178	3.041	11.6	20.0
5 11	16 35.65	−39 41.6	2.105	3.032	9.1	19.8
5 21	16 25.65	−39 54.3	2.055	3.022	6.9	19.7
5 31	16 14.69	−39 48.3	2.032	3.011	6.1	19.6
6 10	16 4.02	−39 24.2	2.035	3.001	7.3	19.7
6 20	15 54.73	−38 45.6	2.065	2.990	9.7	19.8
6 30	15 47.72	−37 58.0	2.118	2.979	12.4	19.9

167654 2004 EU_3 5 27.6 177°.13 2°.8/28.4 18

4 21	16 48.26	−28 4.7	2.355	3.162	12.6	20.0
5 1	16 42.57	−28 48.9	2.268	3.162	9.9	19.8
5 11	16 34.69	−29 27.6	2.204	3.163	6.9	19.6
5 21	16 25.20	−29 58.3	2.168	3.164	3.9	19.4
5 31	16 14.95	−30 19.4	2.159	3.164	3.0	19.4
6 10	16 4.94	−30 31.3	2.179	3.164	5.4	19.5
6 20	15 56.11	−30 35.5	2.226	3.164	8.5	19.7
6 30	15 49.18	−30 35.1	2.298	3.163	11.4	19.9

471958 2013 SH_{49} 5 27.6 209°.96 6°.1/24.2 17

4 21	16 44.02	− 6 54.2	2.124	2.951	13.1	22.3
5 1	16 39.15	− 5 41.7	2.044	2.945	10.5	22.1
5 11	16 32.36	− 4 32.6	1.987	2.940	7.9	21.9
5 21	16 24.20	− 3 31.4	1.956	2.933	6.3	21.8
5 31	16 15.49	− 2 42.9	1.952	2.927	6.7	21.8
6 10	16 7.09	− 2 10.4	1.974	2.919	8.9	21.9
6 20	15 59.80	− 1 55.5	2.022	2.911	11.6	22.1
6 30	15 54.25	− 1 58.1	2.091	2.903	14.2	22.2

142396 2002 SW_{18} 5 27.6 210°.89 0°.2/27.5 17

4 21	16 47.54	−21 59.7	2.030	2.856	13.7	21.4
5 1	16 42.16	−21 47.0	1.939	2.850	10.5	21.2
5 11	16 34.47	−21 29.1	1.871	2.843	6.9	20.9
5 21	16 25.11	−21 6.3	1.829	2.835	2.8	20.7
5 31	16 15.01	−20 39.9	1.815	2.827	1.5	20.6
6 10	16 5.23	−20 12.7	1.829	2.819	5.7	20.8
6 20	15 56.73	−19 47.6	1.869	2.809	9.7	21.0
6 30	15 50.29	−19 27.7	1.933	2.799	13.1	21.2

465116 2006 WB_{100} 5 27.6 224°.75 2°.3/26.7 17

4 21	16 46.76	−16 30.9	1.914	2.748	14.1	21.8
5 1	16 41.64	−16 9.8	1.825	2.739	10.9	21.6
5 11	16 34.19	−15 47.4	1.758	2.730	7.2	21.3
5 21	16 25.02	−15 25.2	1.716	2.720	3.4	21.1
5 31	16 15.05	−15 5.5	1.702	2.710	3.0	21.0
6 10	16 5.39	−14 50.7	1.716	2.699	6.7	21.2
6 20	15 57.01	−14 43.0	1.755	2.688	10.6	21.4
6 30	15 50.69	−14 44.3	1.816	2.676	14.1	21.6

85133 1979 MX_7 5 27.6 264°.12 2°.4/28.7 18

4 21	16 46.52	−29 15.7	1.940	2.759	14.5	20.2
5 1	16 41.73	−29 8.3	1.840	2.742	11.5	19.9
5 11	16 34.40	−28 49.9	1.761	2.725	7.9	19.7
5 21	16 25.14	−28 19.1	1.707	2.707	4.1	19.4
5 31	16 14.98	−27 36.5	1.680	2.689	2.6	19.3
6 10	16 5.10	−26 45.1	1.680	2.671	6.0	19.4
6 20	15 56.60	−25 49.7	1.706	2.652	10.0	19.6
6 30	15 50.36	−24 55.8	1.756	2.633	13.7	19.8

179668 2002 QG_{35} 5 27.6 239°.20 1°.3/28.1 17

4 21	16 47.88	−25 8.5	1.826	2.654	14.9	20.4
5 1	16 42.83	−25 12.2	1.733	2.643	11.6	20.1
5 11	16 35.14	−25 8.8	1.662	2.632	7.8	19.9
5 21	16 25.45	−24 57.3	1.616	2.620	3.5	19.6
5 31	16 14.82	−24 38.1	1.597	2.608	1.9	19.4
6 10	16 4.48	−24 13.3	1.604	2.596	6.1	19.7
6 20	15 55.58	−23 46.7	1.638	2.583	10.4	19.9
6 30	15 49.02	−23 22.4	1.694	2.570	14.2	20.1

463409 2013 HK_{43} 5 27.6 157°.04 3°.8/28.9 16

4 21	16 52.18	−30 58.6	1.689	2.504	16.5	22.8
5 1	16 46.29	−31 19.0	1.613	2.510	13.1	22.6
5 11	16 37.40	−31 27.5	1.558	2.516	9.2	22.4
5 21	16 26.34	−31 21.3	1.526	2.521	5.4	22.2
5 31	16 14.41	−30 59.6	1.521	2.526	4.0	22.1
6 10	16 3.06	−30 24.8	1.543	2.530	6.9	22.3
6 20	15 53.57	−29 42.3	1.589	2.533	10.8	22.5
6 30	15 46.83	−28 58.3	1.659	2.536	14.4	22.7

88186 2000 XF_{42} 5 27.6 244°.28 6°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.45	−39 33.2	2.193	2.965	14.5	19.3
5 1	16 45.73	−40 27.1	2.094	2.951	12.2	19.1
5 11	16 37.15	−41 8.5	2.015	2.937	9.8	18.9
5 21	16 26.33	−41 32.4	1.961	2.922	7.6	18.7
5 31	16 14.35	−41 35.4	1.933	2.906	6.9	18.7
6 10	16 2.55	−41 17.4	1.931	2.890	8.1	18.7
6 20	15 52.22	−40 41.9	1.955	2.874	10.5	18.8
6 30	15 44.38	−39 55.0	2.001	2.857	13.2	19.0

68442 2001 RO_{132} 5 27.6 70°.68 5°.2/25.9 18

4 21	16 45.60	− 9 58.4	1.577	2.421	16.0	18.9
5 1	16 40.80	− 9 22.8	1.519	2.435	12.5	18.7
5 11	16 33.57	− 8 52.3	1.482	2.449	8.8	18.5
5 21	16 24.71	− 8 30.5	1.469	2.463	5.8	18.4
5 31	16 15.28	− 8 20.5	1.482	2.477	5.8	18.4
6 10	16 6.47	− 8 24.4	1.520	2.492	8.7	18.6
6 20	15 59.23	− 8 42.3	1.582	2.506	12.2	18.8
6 30	15 54.26	− 9 13.3	1.664	2.520	15.4	19.1

331351 2012 CV_{33} 5 27.6 290°.16 5°.6/25.5 17

4 21	16 43.93	−11 30.5	1.466	2.319	16.6	20.7
5 1	16 40.13	−10 37.2	1.381	2.303	13.1	20.5
5 11	16 33.56	− 9 44.9	1.316	2.287	9.2	20.2
5 21	16 24.87	− 8 58.2	1.275	2.271	6.1	20.0
5 31	16 15.15	− 8 22.6	1.258	2.255	6.3	20.0
6 10	16 5.74	− 8 2.6	1.266	2.239	9.8	20.1
6 20	15 57.83	− 8 0.5	1.296	2.223	14.0	20.3
6 30	15 52.39	− 8 16.9	1.345	2.208	18.0	20.5

93368 2000 SO_{268} 5 27.6 90°.64 2°.3/28.2 18

4 21	16 49.96	−25 20.9	1.836	2.659	15.0	18.7
5 1	16 44.23	−26 5.6	1.766	2.671	11.7	18.5
5 11	16 35.91	−26 45.2	1.718	2.684	7.8	18.3
5 21	16 25.72	−27 17.2	1.695	2.696	3.9	18.1
5 31	16 14.76	−27 39.9	1.699	2.708	2.6	18.0
6 10	16 4.27	−27 53.8	1.731	2.721	6.0	18.2
6 20	15 55.34	−28 1.0	1.789	2.733	9.8	18.5
6 30	15 48.80	−28 4.9	1.870	2.744	13.2	18.7

90005 2002 TM_{156} 5 27.6 211°.84 14°.7/18.9 18

4 21	16 47.47	+ 0 59.4	1.218	2.059	20.0	20.1
5 1	16 42.99	+ 4 7.7	1.161	2.055	17.3	19.9
5 11	16 35.41	+ 7 6.2	1.126	2.051	15.3	19.8
5 21	16 25.58	+ 9 39.5	1.112	2.047	14.7	19.7
5 31	16 14.84	+11 33.8	1.120	2.042	16.0	19.8
6 10	16 4.71	+12 41.5	1.148	2.037	18.5	19.9
6 20	15 56.48	+13 2.4	1.193	2.031	21.3	20.1
6 30	15 51.07	+12 41.9	1.253	2.024	24.0	20.2

71005 1999 XN_{41} 5 27.6 201°.21 1°.7/26.9 18

4 21	16 44.31	−17 36.5	2.033	2.867	13.3	20.0
5 1	16 39.57	−17 18.6	1.951	2.866	10.2	19.8
5 11	16 32.73	−16 59.0	1.892	2.865	6.7	19.6
5 21	16 24.40	−16 38.9	1.858	2.863	3.0	19.3
5 31	16 15.44	−16 20.3	1.852	2.861	2.4	19.3
6 10	16 6.84	−16 5.5	1.874	2.859	6.0	19.5
6 20	15 59.44	−15 56.4	1.921	2.857	9.7	19.7
6 30	15 53.94	−15 54.9	1.991	2.855	12.9	19.9

88237 2001 CX_{15} 5 27.6 241°.20 2°.8/25.7 18

4 21	16 37.91	− 9 20.6	3.783	4.600	8.1	19.9
5 1	16 33.78	− 9 1.1	3.687	4.587	6.3	19.7
5 11	16 28.57	− 8 43.9	3.615	4.574	4.5	19.6
5 21	16 22.63	− 8 30.4	3.572	4.561	3.0	19.5
5 31	16 16.36	− 8 22.0	3.558	4.548	3.1	19.5
6 10	16 10.22	− 8 19.6	3.573	4.535	4.6	19.5
6 20	16 4.62	− 8 23.9	3.615	4.521	6.5	19.7
6 30	15 59.95	− 8 35.1	3.682	4.507	8.4	19.8

479811 2014 FW_{35} 5 27.6 97°.68 8°.6/30.4 17

4 21	16 56.56	−45 6.9	2.397	3.131	14.4	21.2
5 1	16 49.65	−46 42.5	2.327	3.145	12.5	21.1
5 11	16 39.68	−48 3.7	2.278	3.158	10.6	21.0
5 21	16 27.36	−49 4.0	2.253	3.171	9.1	20.9
5 31	16 13.87	−49 39.3	2.253	3.185	8.6	20.9
6 10	16 0.66	−49 49.1	2.280	3.197	9.2	20.9
6 20	15 49.11	−49 36.7	2.331	3.210	10.7	21.0
6 30	15 40.25	−49 8.1	2.405	3.223	12.5	21.2

491711 2012 UA_{131} 5 27.6 276°.07 2°.4/26.6 18

4 21	16 44.46	−16 25.1	2.065	2.898	13.2	22.4
5 1	16 39.89	−15 57.1	1.958	2.873	10.2	22.1
5 11	16 33.10	−15 27.0	1.874	2.846	6.8	21.8
5 21	16 24.63	−14 56.5	1.816	2.820	3.4	21.6
5 31	16 15.29	−14 28.1	1.786	2.792	3.1	21.5
6 10	16 6.06	−14 4.8	1.782	2.765	6.6	21.7
6 20	15 57.90	−13 48.9	1.805	2.737	10.5	21.8
6 30	15 51.61	−13 42.8	1.851	2.709	14.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
472673 2015 EC_{20}			5 27.6 358°.03		9°.9/30.2 17	
	h m	° ′			°	m
4 21	16 50.16	−41 7.3	1.559	2.353	18.5	20.2
5 1	16 45.82	−42 37.5	1.485	2.351	15.8	20.0
5 11	16 37.75	−43 51.4	1.429	2.350	13.0	19.8
5 21	16 26.72	−44 41.2	1.395	2.349	10.7	19.7
5 31	16 14.20	−45 1.1	1.384	2.349	9.9	19.6
6 10	16 2.11	−44 50.7	1.395	2.349	11.0	19.7
6 20	15 52.21	−44 15.2	1.429	2.350	13.5	19.8
6 30	15 45.75	−43 23.3	1.483	2.352	16.3	20.0
183861 2004 CG_{13}			5 27.6 185°.27		0°.7/27.3 17	
4 21	16 47.75	−20 40.5	2.007	2.834	13.7	21.7
5 1	16 42.25	−20 24.6	1.923	2.835	10.6	21.5
5 11	16 34.50	−20 4.5	1.862	2.834	6.9	21.2
5 21	16 25.13	−19 40.7	1.827	2.833	2.8	21.0
5 31	16 15.09	−19 15.0	1.820	2.832	1.7	20.9
6 10	16 5.44	−18 50.0	1.841	2.830	5.8	21.1
6 20	15 57.11	−18 28.5	1.888	2.827	9.7	21.4
6 30	15 50.84	−18 13.3	1.959	2.823	13.1	21.6
305562 2008 VT_{39}			5 27.6 136°.63		2°.9/28.4 16	
4 21	16 51.49	−27 17.4	1.519	2.349	17.3	21.4
5 1	16 45.99	−27 47.3	1.447	2.355	13.5	21.1
5 11	16 37.35	−28 8.8	1.395	2.362	9.2	20.9
5 21	16 26.39	−28 18.8	1.367	2.368	4.8	20.7
5 31	16 14.45	−28 16.3	1.365	2.374	3.2	20.6
6 10	16 3.09	−28 3.0	1.388	2.379	7.0	20.8
6 20	15 53.67	−27 43.2	1.437	2.384	11.4	21.1
6 30	15 47.14	−27 22.2	1.506	2.389	15.3	21.3
233198 2005 WZ_{178}			5 27.6 143°.08		5°.2/26.0 17	
4 21	16 46.65	− 7 14.3	1.951	2.778	14.1	20.7
5 1	16 41.27	− 6 53.9	1.880	2.784	11.2	20.5
5 11	16 33.77	− 6 40.1	1.832	2.791	8.1	20.3
5 21	16 24.81	− 6 35.8	1.809	2.796	5.6	20.2
5 31	16 15.28	− 6 43.1	1.813	2.802	5.6	20.2
6 10	16 6.16	− 7 3.0	1.843	2.807	8.0	20.3
6 20	15 58.32	− 7 35.3	1.899	2.812	11.1	20.5
6 30	15 52.42	− 8 18.6	1.978	2.817	14.0	20.7
225902 2002 AF_{22}			5 27.6 110°.85		4°.7/26.3 15	
4 21	16 47.80	− 7 33.9	2.048	2.870	13.7	20.1
5 1	16 41.94	− 7 24.9	1.985	2.887	10.8	20.0
5 11	16 34.09	− 7 22.5	1.945	2.904	7.7	19.8
5 21	16 24.90	− 7 28.8	1.930	2.920	5.2	19.7
5 31	16 15.25	− 7 45.1	1.943	2.935	5.0	19.7
6 10	16 6.08	− 8 11.9	1.984	2.950	7.4	19.9
6 20	15 58.18	− 8 48.7	2.051	2.965	10.3	20.1
6 30	15 52.17	− 9 34.2	2.141	2.979	13.1	20.3
394707 2008 DJ_{53}			5 27.6 16°.93		0°.5/27.8 15	
4 21	16 41.93	−23 46.0	1.971	2.807	13.6	21.4
5 1	16 37.87	−23 37.3	1.895	2.810	10.5	21.2
5 11	16 31.67	−23 22.4	1.841	2.814	6.8	21.0
5 21	16 23.98	−23 1.9	1.812	2.818	2.9	20.7
5 31	16 15.71	−22 37.0	1.810	2.822	1.4	20.6
6 10	16 7.84	−22 10.4	1.835	2.827	5.4	20.9
6 20	16 1.26	−21 45.1	1.885	2.832	9.1	21.1
6 30	15 56.63	−21 24.0	1.959	2.838	12.4	21.4
35842 1999 JX_{59}			5 27.6 340°.41		2°.9/26.6 18	R
4 21	16 42.45	−16 35.4	1.517	2.372	16.0	18.5
5 1	16 38.83	−16 2.7	1.440	2.366	12.4	18.3
5 11	16 32.59	−15 28.0	1.384	2.361	8.2	18.0
5 21	16 24.45	−14 53.9	1.352	2.356	4.0	17.8
5 31	16 15.47	−14 24.0	1.345	2.352	3.7	17.7
6 10	16 6.92	−14 1.9	1.362	2.348	7.7	18.0
6 20	15 59.91	−13 50.5	1.403	2.345	12.1	18.2
6 30	15 55.26	−13 51.3	1.465	2.343	15.9	18.4
247064 2000 QE_{156}			5 27.6 268°.54		6°.5/23.8 18	
4 21	16 40.84	− 4 29.8	2.256	3.081	12.5	20.3
5 1	16 36.68	− 3 22.0	2.173	3.071	10.2	20.1
5 11	16 30.77	− 2 19.3	2.115	3.061	7.9	19.9
5 21	16 23.61	− 1 26.1	2.081	3.051	6.6	19.8
5 31	16 15.91	− 0 46.5	2.074	3.040	7.0	19.8
6 10	16 8.47	− 0 23.6	2.093	3.030	8.9	19.9
6 20	16 2.00	− 0 18.3	2.137	3.019	11.4	20.0
6 30	15 57.10	− 0 30.2	2.201	3.009	13.8	20.2
240579 2004 TJ_{102}			5 27.6 315°.18		2°.3/28.0 17	
4 21	16 44.73	−24 1.6	1.174	2.036	19.2	20.1
5 1	16 41.96	−24 38.8	1.086	2.015	15.2	19.7
5 11	16 35.50	−25 12.0	1.017	1.994	10.3	19.4
5 21	16 25.94	−25 38.5	0.968	1.974	4.9	19.0
5 31	16 14.62	−25 55.8	0.943	1.954	3.0	18.8
6 10	16 3.40	−26 4.3	0.940	1.935	8.4	19.1
6 20	15 54.14	−26 6.8	0.958	1.917	14.2	19.3
6 30	15 48.27	−26 8.3	0.994	1.900	19.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
153765 2001 VF_{12}			5 27.6 119°.08		3°.1/29.1 18	
	h m	° ′			°	m
4 21	16 48.83	−31 7.3	1.967	2.777	14.6	20.1
5 1	16 43.19	−31 10.7	1.894	2.789	11.6	19.9
5 11	16 35.12	−31 2.6	1.844	2.802	8.1	19.7
5 21	16 25.38	−30 41.5	1.818	2.814	4.6	19.5
5 31	16 15.05	−30 8.0	1.820	2.826	3.3	19.5
6 10	16 5.31	−29 25.1	1.849	2.837	5.9	19.7
6 20	15 57.13	−28 37.3	1.904	2.848	9.3	19.9
6 30	15 51.24	−27 49.8	1.983	2.858	12.5	20.1
517626 2014 YK_{49}			5 27.6 55°.24		4°.5/29.9 15	
4 21	16 47.84	−34 37.8	1.549	2.368	17.5	20.6
5 1	16 42.99	−34 26.4	1.486	2.383	14.0	20.4
5 11	16 35.19	−33 57.0	1.443	2.399	10.1	20.2
5 21	16 25.42	−33 8.3	1.423	2.415	6.2	20.1
5 31	16 15.06	−32 1.9	1.429	2.432	4.5	20.0
6 10	16 5.58	−30 43.3	1.460	2.449	6.9	20.2
6 20	15 58.11	−29 20.4	1.515	2.465	10.7	20.4
6 30	15 53.39	−28 0.8	1.594	2.482	14.2	20.7
87478 2000 QM_{141}			5 27.6 252°.34		5°.3/24.8 18	
4 21	16 41.24	− 6 40.2	2.358	3.185	12.0	19.7
5 1	16 36.92	− 5 52.6	2.275	3.177	9.6	19.5
5 11	16 30.89	− 5 9.3	2.215	3.169	7.2	19.4
5 21	16 23.66	− 4 33.8	2.180	3.161	5.5	19.2
5 31	16 15.92	− 4 9.2	2.173	3.152	5.8	19.2
6 10	16 8.43	− 3 57.8	2.193	3.144	7.8	19.3
6 20	16 1.87	− 4 0.4	2.237	3.135	10.3	19.5
6 30	15 56.84	− 4 16.8	2.305	3.127	12.8	19.6
300918 2008 CU_{16}			5 27.6 157°.26		2°.3/26.4 18	
4 21	16 42.35	−14 56.2	2.646	3.472	10.9	21.7
5 1	16 37.54	−14 31.3	2.567	3.477	8.3	21.5
5 11	16 31.16	−14 6.3	2.512	3.481	5.5	21.4
5 21	16 23.74	−13 42.8	2.485	3.486	2.9	21.2
5 31	16 15.90	−13 22.6	2.485	3.490	2.7	21.2
6 10	16 8.36	−13 7.5	2.515	3.493	5.2	21.4
6 20	16 1.74	−12 58.9	2.572	3.497	8.0	21.5
6 30	15 56.55	−12 57.7	2.653	3.500	10.6	21.7
179894 2002 UT_{37}			5 27.6 275°.42		1°.3/28.0 18	
4 21	16 46.66	−24 43.1	1.645	2.482	15.8	20.6
5 1	16 42.24	−24 49.4	1.552	2.467	12.4	20.4
5 11	16 34.97	−24 48.7	1.481	2.453	8.3	20.1
5 21	16 25.50	−24 40.0	1.434	2.438	3.7	19.8
5 31	16 14.94	−24 23.5	1.412	2.424	2.0	19.6
6 10	16 4.65	−24 1.4	1.416	2.409	6.6	19.9
6 20	15 55.89	−23 37.5	1.445	2.394	11.2	20.1
6 30	15 49.66	−23 16.3	1.496	2.379	15.3	20.3
4412 Chephren			5 27.6 275°.19		1°.0/27.2 18	
4 21	16 42.28	−19 21.3	2.393	3.222	11.7	18.0
5 1	16 37.87	−19 7.5	2.293	3.206	9.0	17.8
5 11	16 31.61	−18 50.8	2.217	3.190	5.9	17.6
5 21	16 24.00	−18 32.2	2.168	3.173	2.5	17.4
5 31	16 15.74	−18 13.1	2.146	3.157	1.7	17.3
6 10	16 7.68	−17 55.5	2.153	3.140	5.2	17.5
6 20	16 0.56	−17 41.5	2.186	3.124	8.6	17.7
6 30	15 55.06	−17 32.9	2.243	3.107	11.7	17.8
333863 1995 WK_{14}			5 27.6 289°.88		1°.9/27.1 18	
4 21	16 44.12	−15 13.5	2.172	3.003	12.7	20.8
5 1	16 39.45	−15 21.5	2.078	2.991	9.8	20.6
5 11	16 32.73	−15 31.2	2.008	2.979	6.5	20.4
5 21	16 24.49	−15 43.2	1.963	2.967	3.0	20.1
5 31	16 15.51	−15 58.2	1.947	2.955	2.4	20.1
6 10	16 6.73	−16 17.0	1.958	2.944	5.8	20.3
6 20	15 58.99	−16 40.1	1.996	2.932	9.4	20.5
6 30	15 53.01	−17 8.2	2.057	2.920	12.6	20.6
29167 1989 WC_{2}			5 27.6 153°.09		0°.2/27.7 18	
4 21	16 48.68	−21 24.0	2.123	2.944	13.3	18.3
5 1	16 42.86	−21 36.2	2.044	2.952	10.2	18.1
5 11	16 34.85	−21 45.3	1.989	2.959	6.6	17.9
5 21	16 25.31	−21 50.9	1.960	2.966	2.7	17.6
5 31	16 15.12	−21 53.0	1.959	2.972	1.4	17.5
6 10	16 5.33	−21 53.0	1.987	2.977	5.3	17.8
6 20	15 56.82	−21 52.7	2.042	2.982	9.0	18.0
6 30	15 50.30	−21 54.3	2.121	2.986	12.2	18.2
185317 2006 UL_{329}			5 27.6 209°.82		4°.5/29.7 18	
4 21	16 47.02	−35 59.6	2.643	3.424	12.1	21.1
5 1	16 41.58	−36 30.3	2.550	3.420	9.9	20.9
5 11	16 34.05	−36 50.7	2.479	3.415	7.5	20.8
5 21	16 25.00	−36 58.3	2.434	3.409	5.3	20.6
5 31	16 15.26	−36 52.0	2.416	3.404	4.5	20.6
6 10	16 5.78	−36 32.6	2.426	3.398	5.8	20.6
6 20	15 57.42	−36 2.9	2.463	3.392	8.2	20.8
6 30	15 50.90	−35 27.0	2.524	3.385	10.6	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
193526 2000 YB_{83}			5 27.6 139°.13		1°.9/28.7 18	
	h m	° ′			°	m
4 21	16 46.41	−29 33.3	1.955	2.773	14.4	20.0
5 1	16 41.35	−29 4.3	1.874	2.777	11.3	19.8
5 11	16 33.95	−28 23.1	1.816	2.780	7.6	19.6
5 21	16 24.94	−27 29.6	1.782	2.784	3.8	19.3
5 31	16 15.36	−26 26.0	1.776	2.787	2.2	19.2
6 10	16 6.32	−25 16.8	1.798	2.790	5.6	19.5
6 20	15 58.76	−24 7.2	1.846	2.793	9.4	19.7
6 30	15 53.37	−23 2.7	1.919	2.795	12.8	19.9
51787 2001 MP_{19}			5 27.6 13°.25		6°.7/30.7 17	
4 21	16 44.57	−37 26.4	1.256	2.087	20.1	18.3
5 1	16 41.46	−37 31.7	1.190	2.090	16.5	18.1
5 11	16 34.73	−37 13.8	1.141	2.094	12.4	17.8
5 21	16 25.41	−36 29.2	1.112	2.099	8.5	17.6
5 31	16 15.13	−35 18.2	1.106	2.105	6.7	17.5
6 10	16 5.74	−33 47.1	1.123	2.111	8.7	17.7
6 20	15 58.71	−32 5.9	1.163	2.119	12.6	17.9
6 30	15 54.95	−30 25.7	1.223	2.128	16.5	18.2
341491 2007 TN_{381}			5 27.6 354°.03		0°.5/27.8 17	
4 21	16 45.03	−22 10.1	1.969	2.801	13.8	20.6
5 1	16 40.34	−22 23.4	1.887	2.800	10.6	20.4
5 11	16 33.37	−22 33.2	1.828	2.800	6.9	20.2
5 21	16 24.76	−22 38.9	1.794	2.800	2.9	19.9
5 31	16 15.43	−22 40.7	1.787	2.799	1.4	19.8
6 10	16 6.43	−22 40.0	1.808	2.799	5.5	20.1
6 20	15 58.72	−22 38.7	1.854	2.799	9.4	20.3
6 30	15 53.05	−22 39.3	1.924	2.799	12.8	20.5
371899 2008 CL_{142}			5 27.6 81°.34		4°.3/29.2 17	
4 21	16 49.72	−31 53.0	1.576	2.397	17.1	21.4
5 1	16 44.52	−32 15.5	1.510	2.410	13.6	21.2
5 11	16 36.31	−32 24.8	1.465	2.423	9.7	21.0
5 21	16 25.97	−32 18.0	1.442	2.436	5.9	20.8
5 31	16 14.85	−31 54.6	1.445	2.449	4.4	20.7
6 10	16 4.45	−31 17.7	1.474	2.462	7.1	20.9
6 20	15 56.00	−30 32.9	1.527	2.474	10.9	21.2
6 30	15 50.35	−29 46.7	1.603	2.487	14.4	21.4
179817 2002 TE_{89}			5 27.6 250°.34		3°.8/28.9 18	
4 21	16 48.74	−30 35.3	1.773	2.591	15.7	20.4
5 1	16 43.80	−30 57.6	1.680	2.580	12.5	20.1
5 11	16 35.97	−31 9.5	1.609	2.568	8.9	19.9
5 21	16 25.93	−31 8.1	1.561	2.557	5.3	19.6
5 31	16 14.81	−30 52.1	1.540	2.545	3.9	19.5
6 10	16 4.01	−30 23.3	1.545	2.533	6.8	19.7
6 20	15 54.79	−29 45.9	1.575	2.520	10.7	19.9
6 30	15 48.13	−29 5.9	1.628	2.508	14.5	20.1
474794 2005 QX_{188}			5 27.6 248°.71		2°.3/26.4 18	
4 21	16 41.96	−15 29.5	2.573	3.400	11.1	22.0
5 1	16 37.43	−14 58.4	2.476	3.387	8.5	21.8
5 11	16 31.23	−14 26.1	2.403	3.373	5.7	21.6
5 21	16 23.84	−13 54.4	2.358	3.359	3.0	21.4
5 31	16 15.92	−13 25.6	2.341	3.345	2.8	21.4
6 10	16 8.19	−13 1.8	2.352	3.331	5.5	21.5
6 20	16 1.35	−12 45.0	2.390	3.316	8.5	21.7
6 30	15 55.96	−12 36.6	2.452	3.301	11.3	21.8
10493 1986 QH_{2}			5 27.6 164°.94		4°.6/26.2 18	
4 21	16 47.47	−11 37.8	1.584	2.426	16.1	17.8
5 1	16 42.46	−11 6.1	1.513	2.429	12.6	17.6
5 11	16 34.85	−10 37.5	1.462	2.431	8.7	17.3
5 21	16 25.38	−10 15.2	1.435	2.433	5.3	17.2
5 31	16 15.15	−10 2.5	1.435	2.434	5.2	17.1
6 10	16 5.40	−10 2.0	1.460	2.436	8.5	17.3
6 20	15 57.22	−10 14.5	1.509	2.436	12.4	17.6
6 30	15 51.41	−10 39.9	1.579	2.437	16.0	17.8
149084 2002 CE_{100}			5 27.6 107°.60		0°.7/27.3 18	
4 21	16 43.27	−19 57.7	2.542	3.366	11.3	20.8
5 1	16 38.31	−19 47.9	2.470	3.379	8.6	20.6
5 11	16 31.70	−19 35.5	2.421	3.393	5.5	20.4
5 21	16 23.99	−19 21.1	2.400	3.406	2.3	20.2
5 31	16 15.88	−19 6.2	2.407	3.419	1.4	20.2
6 10	16 8.14	−18 52.2	2.443	3.432	4.6	20.4
6 20	16 1.40	−18 40.9	2.507	3.444	7.7	20.6
6 30	15 56.21	−18 33.9	2.595	3.456	10.3	20.8
96565 1998 SB_{157}			5 27.6 289°.01		1°.5/28.2 18	
4 21	16 45.02	−25 21.5	1.909	2.739	14.2	19.8
5 1	16 40.56	−25 32.8	1.818	2.729	11.1	19.6
5 11	16 33.66	−25 37.8	1.750	2.719	7.4	19.3
5 21	16 24.94	−25 35.5	1.706	2.709	3.5	19.1
5 31	16 15.36	−25 25.9	1.688	2.700	2.0	18.9
6 10	16 6.05	−25 10.6	1.698	2.690	5.8	19.2
6 20	15 58.08	−24 52.8	1.733	2.681	9.8	19.4
6 30	15 52.26	−24 35.9	1.792	2.671	13.4	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
477983 2011 SY_{93}			5 27.6 143°.34		2°.7/25.8 18	
	h m	° ′			°	m
4 21	16 41.64	−13 57.3	2.882	3.705	10.1	22.1
5 1	16 36.82	−13 8.5	2.807	3.714	7.8	21.9
5 11	16 30.63	−12 19.3	2.757	3.723	5.2	21.8
5 21	16 23.53	−11 32.1	2.735	3.732	3.1	21.7
5 31	16 16.12	−10 49.3	2.742	3.740	3.2	21.7
6 10	16 9.02	−10 13.3	2.778	3.748	5.3	21.8
6 20	16 2.77	− 9 45.8	2.842	3.756	7.8	22.0
6 30	15 57.81	− 9 27.7	2.930	3.763	10.1	22.2
114735 2003 HP_{9}			5 27.6 256°.85		5°.4/24.2 18	
4 21	16 40.69	− 7 25.1	2.434	3.261	11.6	19.5
5 1	16 36.47	− 6 16.3	2.349	3.252	9.3	19.3
5 11	16 30.60	− 5 10.2	2.288	3.242	7.0	19.2
5 21	16 23.59	− 4 10.5	2.253	3.232	5.5	19.1
5 31	16 16.08	− 3 21.4	2.246	3.222	5.9	19.1
6 10	16 8.83	− 2 45.7	2.266	3.211	7.8	19.2
6 20	16 2.48	− 2 25.2	2.311	3.201	10.3	19.3
6 30	15 57.59	− 2 20.2	2.378	3.191	12.7	19.5
39135 2000 WX_{59}			5 27.6 36°.87		1°.0/28.3 18	
4 21	16 43.35	−28 13.8	2.116	2.938	13.3	18.2
5 1	16 38.75	−27 23.6	2.038	2.944	10.3	18.1
5 11	16 32.14	−26 22.0	1.983	2.951	6.8	17.8
5 21	16 24.19	−25 10.4	1.953	2.957	3.1	17.6
5 31	16 15.81	−23 51.9	1.952	2.964	1.5	17.5
6 10	16 7.95	−22 31.3	1.980	2.972	5.1	17.8
6 20	16 1.40	−21 13.7	2.034	2.979	8.7	18.0
6 30	15 56.75	−20 3.9	2.113	2.987	11.9	18.2
102823 1999 VM_{182}			5 27.6 231°.02		0°.7/27.4 18	
4 21	16 46.94	−20 50.8	1.705	2.543	15.3	20.8
5 1	16 42.15	−20 37.3	1.621	2.538	11.8	20.6
5 11	16 34.73	−20 19.0	1.557	2.531	7.7	20.3
5 21	16 25.39	−19 56.7	1.519	2.525	3.2	20.0
5 31	16 15.17	−19 31.9	1.506	2.518	1.9	19.9
6 10	16 5.33	−19 7.8	1.521	2.511	6.5	20.2
6 20	15 56.98	−18 47.5	1.560	2.504	10.9	20.4
6 30	15 50.98	−18 34.3	1.622	2.497	14.8	20.7
145009 2005 EW_{221}			5 27.6 340°.12		4°.0/26.1 18	
4 21	16 43.15	−15 41.4	1.353	2.214	17.2	19.8
5 1	16 39.64	−14 49.3	1.281	2.209	13.4	19.5
5 11	16 33.27	−13 54.6	1.228	2.205	9.0	19.3
5 21	16 24.82	−13 1.4	1.199	2.201	4.9	19.0
5 31	16 15.47	−12 15.1	1.193	2.198	4.8	19.0
6 10	16 6.64	−11 40.5	1.212	2.195	8.9	19.2
6 20	15 59.51	−11 21.2	1.253	2.193	13.4	19.5
6 30	15 54.98	−11 18.5	1.314	2.191	17.4	19.7
71151 1999 XZ_{188}			5 27.6 115°.82		4°.4/29.5 18	
4 21	16 48.45	−33 44.2	2.100	2.900	14.2	19.6
5 1	16 42.99	−34 12.3	2.024	2.909	11.4	19.5
5 11	16 35.08	−34 29.0	1.970	2.918	8.4	19.3
5 21	16 25.47	−34 31.7	1.941	2.927	5.5	19.1
5 31	16 15.16	−34 19.4	1.939	2.935	4.4	19.1
6 10	16 5.33	−33 54.0	1.963	2.944	6.3	19.2
6 20	15 56.97	−33 19.2	2.014	2.952	9.2	19.4
6 30	15 50.85	−32 40.1	2.089	2.960	12.1	19.6
231919 2001 BA_{77}			5 27.6 63°.13		9°.2/ 1.1 18	
4 21	16 52.25	−45 14.3	1.821	2.583	17.4	19.8
5 1	16 46.71	−46 8.2	1.758	2.598	14.9	19.6
5 11	16 37.86	−46 41.6	1.713	2.614	12.4	19.5
5 21	16 26.66	−46 48.9	1.690	2.629	10.3	19.4
5 31	16 14.58	−46 27.4	1.690	2.645	9.3	19.4
6 10	16 3.31	−45 39.4	1.715	2.661	9.9	19.4
6 20	15 54.23	−44 31.3	1.763	2.677	11.7	19.6
6 30	15 48.23	−43 11.9	1.833	2.693	14.0	19.8
272906 2006 BY_{159}			5 27.6 317°.14		1°.1/27.2 17	
4 21	16 42.74	−20 32.9	1.631	2.479	15.4	20.4
5 1	16 39.07	−20 10.0	1.544	2.467	11.9	20.1
5 11	16 32.81	−19 41.8	1.479	2.456	7.8	19.9
5 21	16 24.63	−19 9.4	1.438	2.444	3.2	19.5
5 31	16 15.56	−18 35.6	1.422	2.433	2.1	19.4
6 10	16 6.84	−18 3.9	1.432	2.423	6.8	19.7
6 20	15 59.55	−17 37.9	1.466	2.413	11.3	19.9
6 30	15 54.58	−17 20.9	1.521	2.403	15.2	20.2
477603 2010 KG_{46}			5 27.6 279°.39		1°.7/26.9 16	
4 21	16 42.28	−17 8.5	2.269	3.102	12.2	21.2
5 1	16 37.91	−16 53.9	2.180	3.094	9.3	21.0
5 11	16 31.66	−16 38.1	2.115	3.087	6.1	20.8
5 21	16 24.06	−16 22.3	2.076	3.080	2.8	20.5
5 31	16 15.87	−16 8.2	2.064	3.073	2.3	20.5
6 10	16 7.94	−15 57.6	2.080	3.066	5.5	20.7
6 20	16 1.03	−15 52.3	2.123	3.059	8.9	20.9
6 30	15 55.79	−15 53.7	2.189	3.052	12.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374368 2005 UU_{302}			5 27.6 161°.10		0°.9/27.3 17	
	h m	° ′			°	m
4 21	16 48.03	−18 18.9	2.263	3.084	12.6	21.9
5 1	16 42.21	−18 22.9	2.182	3.090	9.7	21.7
5 11	16 34.39	−18 25.9	2.126	3.096	6.3	21.5
5 21	16 25.15	−18 27.8	2.096	3.102	2.6	21.2
5 31	16 15.34	−18 29.6	2.095	3.106	1.7	21.2
6 10	16 5.87	−18 32.2	2.123	3.110	5.3	21.4
6 20	15 57.57	−18 37.1	2.178	3.114	8.7	21.7
6 30	15 51.09	−18 45.7	2.258	3.117	11.8	21.9
126302 2002 AO_{118}			5 27.6 119°.73		0°.9/27.3 17	
4 21	16 46.38	−19 42.6	1.956	2.788	13.9	20.3
5 1	16 41.18	−19 30.1	1.884	2.798	10.6	20.1
5 11	16 33.80	−19 14.6	1.835	2.808	6.9	19.9
5 21	16 24.92	−18 56.7	1.812	2.818	2.8	19.6
5 31	16 15.47	−18 38.3	1.816	2.828	1.8	19.6
6 10	16 6.50	−18 21.5	1.848	2.837	5.8	19.9
6 20	15 58.88	−18 8.7	1.906	2.846	9.5	20.1
6 30	15 53.29	−18 2.1	1.987	2.854	12.8	20.3
248380 2005 RE_{28}			5 27.6 208°.98		0°.6/27.3 18	
4 21	16 42.26	−21 15.4	2.941	3.759	10.1	20.8
5 1	16 37.45	−20 47.6	2.846	3.753	7.7	20.6
5 11	16 31.14	−20 15.6	2.776	3.747	5.0	20.4
5 21	16 23.80	−19 40.5	2.734	3.740	2.0	20.2
5 31	16 16.04	−19 3.9	2.722	3.733	1.3	20.1
6 10	16 8.52	−18 28.0	2.738	3.725	4.3	20.3
6 20	16 1.83	−17 55.0	2.783	3.717	7.1	20.5
6 30	15 56.48	−17 27.1	2.853	3.709	9.7	20.7
268043 2004 QM_{3}			5 27.6 173°.16		6°.8/24.5 18	
4 21	16 43.49	− 6 32.2	1.832	2.667	14.5	20.2
5 1	16 39.04	− 5 23.8	1.761	2.668	11.6	20.0
5 11	16 32.46	− 4 20.5	1.713	2.668	8.8	19.8
5 21	16 24.40	− 3 27.4	1.690	2.669	6.9	19.7
5 31	16 15.75	− 2 49.4	1.692	2.669	7.3	19.7
6 10	16 7.51	− 2 29.7	1.719	2.669	9.6	19.8
6 20	16 0.55	− 2 29.0	1.771	2.669	12.5	20.0
6 30	15 55.53	− 2 46.6	1.842	2.669	15.3	20.2
151026 2001 UD_{145}			5 27.7 259°.16		0°.1/27.7 18	
4 21	16 43.93	−22 9.3	2.345	3.170	12.1	21.0
5 1	16 39.24	−22 5.5	2.246	3.156	9.3	20.8
5 11	16 32.58	−21 57.6	2.171	3.142	6.1	20.5
5 21	16 24.48	−21 45.6	2.121	3.127	2.5	20.3
5 31	16 15.69	−21 30.5	2.100	3.113	1.3	20.2
6 10	16 7.10	−21 14.1	2.107	3.098	5.0	20.4
6 20	15 59.53	−20 58.4	2.141	3.082	8.5	20.6
6 30	15 53.66	−20 46.1	2.199	3.067	11.7	20.8
278257 2007 EW_{213}			5 27.7 264°.96		6°.4/24.4 17	
4 21	16 43.19	− 8 26.8	1.834	2.672	14.4	20.9
5 1	16 38.95	− 7 11.8	1.751	2.661	11.5	20.6
5 11	16 32.51	− 5 58.8	1.690	2.650	8.5	20.4
5 21	16 24.47	− 4 53.1	1.654	2.638	6.5	20.3
5 31	16 15.71	− 4 0.3	1.644	2.626	7.0	20.3
6 10	16 7.27	− 3 24.6	1.660	2.614	9.6	20.4
6 20	16 0.06	− 3 8.2	1.699	2.602	12.7	20.6
6 30	15 54.80	− 3 11.2	1.759	2.590	15.8	20.8
389267 2009 FZ_{73}			5 27.7 91°.26		4°.8/25.2 17	
4 21	16 41.63	− 9 9.6	2.206	3.038	12.5	20.8
5 1	16 37.26	− 8 17.0	2.135	3.043	9.8	20.6
5 11	16 31.13	− 7 27.7	2.088	3.049	7.1	20.4
5 21	16 23.82	− 6 45.0	2.067	3.054	5.1	20.3
5 31	16 16.07	− 6 12.3	2.073	3.060	5.3	20.3
6 10	16 8.68	− 5 52.1	2.106	3.065	7.5	20.5
6 20	16 2.35	− 5 45.4	2.163	3.070	10.2	20.7
6 30	15 57.64	− 5 52.3	2.244	3.076	12.8	20.8
162157 1999 CV_{8}			5 27.7 198°.81		18°.3/23.6 14	C
4 21	17 9.48	+ 6 12.6	0.940	1.753	26.6	22.0
5 1	17 1.42	+ 8 20.3	0.878	1.752	23.3	21.7
5 11	16 48.39	+10 7.6	0.830	1.747	20.2	21.5
5 21	16 31.31	+11 17.2	0.801	1.739	18.4	21.4
5 31	16 12.19	+11 33.7	0.791	1.728	19.1	21.3
6 10	15 53.70	+10 51.5	0.802	1.714	21.9	21.4
6 20	15 38.15	+ 9 16.5	0.829	1.696	25.9	21.6
6 30	15 27.09	+ 7 1.7	0.871	1.674	29.9	21.8
294489 2007 WY_{18}			5 27.7 104°.82		1°.8/27.0 17	
4 21	16 48.22	−18 9.3	1.596	2.437	16.0	21.6
5 1	16 42.98	−17 50.3	1.531	2.450	12.3	21.4
5 11	16 35.14	−17 29.0	1.488	2.462	8.0	21.2
5 21	16 25.51	−17 6.9	1.469	2.475	3.5	20.9
5 31	16 15.24	−16 46.3	1.477	2.487	2.7	20.9
6 10	16 5.59	−16 30.1	1.511	2.498	6.9	21.2
6 20	15 57.60	−16 20.6	1.569	2.510	11.1	21.5
6 30	15 52.04	−16 20.0	1.650	2.521	14.8	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471695 2012 TL_{240}			5 27.7 247°.44		2°.1/26.7 17	
	h m	° ′			°	m
4 21	16 43.94	−16 41.8	2.103	2.937	13.0	21.8
5 1	16 39.33	−16 18.1	2.013	2.928	10.0	21.6
5 11	16 32.67	−15 52.8	1.946	2.919	6.6	21.4
5 21	16 24.52	−15 27.6	1.905	2.909	3.2	21.1
5 31	16 15.70	−15 4.7	1.892	2.900	2.7	21.1
6 10	16 7.15	−14 46.6	1.906	2.890	6.1	21.3
6 20	15 59.73	−14 35.3	1.946	2.880	9.7	21.5
6 30	15 54.12	−14 32.4	2.009	2.870	13.0	21.7
103479 2000 AE_{223}			5 27.7 235°.46		0°.1/27.7 17	
4 21	16 45.29	−22 28.6	2.259	3.082	12.5	21.1
5 1	16 40.33	−22 20.9	2.163	3.071	9.7	20.8
5 11	16 33.31	−22 8.4	2.090	3.060	6.3	20.6
5 21	16 24.78	−21 51.2	2.043	3.049	2.6	20.4
5 31	16 15.56	−21 30.5	2.025	3.037	1.3	20.2
6 10	16 6.59	−21 8.2	2.035	3.025	5.2	20.5
6 20	15 58.71	−20 47.0	2.071	3.012	8.8	20.7
6 30	15 52.63	−20 29.5	2.132	2.999	12.0	20.9
492170 2013 PV_{52}			5 27.7 224°.48		20°.4/15.9 18	
4 21	16 47.31	+13 12.3	1.135	1.945	23.1	21.6
5 1	16 43.22	+16 19.2	1.091	1.940	21.5	21.5
5 11	16 35.79	+18 59.1	1.064	1.935	20.5	21.4
5 21	16 25.92	+20 56.2	1.054	1.929	20.5	21.4
5 31	16 15.01	+21 58.9	1.061	1.923	21.5	21.4
6 10	16 4.73	+22 3.6	1.083	1.917	23.2	21.5
6 20	15 56.48	+21 14.4	1.119	1.910	25.2	21.6
6 30	15 51.23	+19 40.2	1.166	1.903	27.2	21.7
499780 2011 CS_{39}			5 27.7 201°.51		0°.9/27.3 17	
4 21	16 47.32	−19 47.3	2.075	2.901	13.4	22.6
5 1	16 41.95	−19 33.2	1.987	2.898	10.3	22.4
5 11	16 34.38	−19 15.5	1.922	2.893	6.7	22.1
5 21	16 25.22	−18 55.3	1.883	2.888	2.8	21.9
5 31	16 15.37	−18 33.8	1.872	2.883	1.8	21.8
6 10	16 5.84	−18 13.7	1.889	2.877	5.8	22.0
6 20	15 57.55	−17 57.2	1.933	2.870	9.6	22.2
6 30	15 51.22	−17 46.8	2.000	2.863	12.9	22.4
120544 1994 WK			5 27.7 230°.02		0°.5/27.6 18	
4 21	17 1.01	−15 55.8	1.237	2.073	20.1	18.8
5 1	16 54.52	−17 29.4	1.152	2.066	15.8	18.5
5 11	16 43.80	−19 15.4	1.086	2.059	10.5	18.2
5 21	16 29.50	−21 8.8	1.045	2.051	4.4	17.8
5 31	16 13.07	−23 1.9	1.031	2.043	2.3	17.7
6 10	15 56.67	−24 47.3	1.044	2.035	8.7	18.0
6 20	15 42.39	−26 21.3	1.081	2.025	14.6	18.3
6 30	15 31.84	−27 44.5	1.140	2.016	19.6	18.6
348870 2006 SO_{160}			5 27.7 181°.96		3°.4/28.9 16	
4 21	16 47.23	−31 21.0	2.568	3.365	12.0	21.4
5 1	16 41.71	−31 56.0	2.480	3.365	9.6	21.2
5 11	16 34.16	−32 23.4	2.415	3.365	6.9	21.1
5 21	16 25.13	−32 41.0	2.376	3.365	4.3	20.9
5 31	16 15.42	−32 47.7	2.365	3.365	3.4	20.8
6 10	16 5.96	−32 44.1	2.383	3.364	5.3	21.0
6 20	15 57.60	−32 32.5	2.428	3.363	8.0	21.1
6 30	15 51.03	−32 16.1	2.497	3.361	10.6	21.3
479910 2014 HF_{46}			5 27.7 309°.64		0°.5/27.5 18	
4 21	16 43.94	−19 3.8	2.182	3.013	12.7	21.0
5 1	16 39.35	−19 19.6	2.092	3.005	9.7	20.8
5 11	16 32.71	−19 34.8	2.025	2.997	6.3	20.6
5 21	16 24.56	−19 49.0	1.984	2.990	2.6	20.3
5 31	16 15.70	−20 2.6	1.970	2.982	1.5	20.2
6 10	16 7.06	−20 16.2	1.985	2.975	5.3	20.5
6 20	15 59.50	−20 30.9	2.026	2.968	8.9	20.7
6 30	15 53.72	−20 47.9	2.091	2.961	12.1	20.9
185128 2006 SB_{93}			5 27.7 39°.02		0°.5/27.9 16	
4 21	16 43.58	−23 23.0	2.136	2.965	13.0	21.1
5 1	16 39.04	−23 18.8	2.054	2.966	10.0	20.9
5 11	16 32.46	−23 9.4	1.996	2.967	6.5	20.7
5 21	16 24.43	−22 54.8	1.963	2.968	2.7	20.4
5 31	16 15.80	−22 36.2	1.957	2.970	1.3	20.3
6 10	16 7.53	−22 15.5	1.980	2.971	5.1	20.6
6 20	16 0.45	−21 55.5	2.028	2.973	8.8	20.8
6 30	15 55.22	−21 38.9	2.100	2.974	11.9	21.0
17883 Scobuchanan			5 27.7 9°.85		0°.4/27.5 18	
4 21	16 43.47	−23 1.4	1.139	2.007	19.3	17.4
5 1	16 40.46	−22 34.1	1.075	2.007	14.9	17.1
5 11	16 34.07	−21 57.0	1.029	2.009	9.7	16.8
5 21	16 25.23	−21 11.6	1.004	2.011	4.0	16.5
5 31	16 15.40	−20 21.7	1.002	2.015	2.1	16.4
6 10	16 6.29	−19 33.3	1.023	2.019	8.0	16.7
6 20	15 59.29	−18 52.4	1.066	2.023	13.3	17.0
6 30	15 55.36	−18 23.5	1.128	2.029	17.9	17.3

76930 2001 AE_{39} 5 27.7 275°.88 4°.4/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.28	−11 55.4	1.533	2.380	16.3	19.4
5 1	16 41.89	−11 34.8	1.450	2.369	12.8	19.1
5 11	16 34.73	−11 17.7	1.387	2.358	8.8	18.9
5 21	16 25.49	−11 7.0	1.347	2.346	5.2	18.6
5 31	16 15.23	−11 5.5	1.333	2.335	5.0	18.6
6 10	16 5.28	−11 15.5	1.344	2.324	8.6	18.8
6 20	15 56.82	−11 37.8	1.379	2.313	12.9	19.0
6 30	15 50.81	−12 12.5	1.434	2.302	16.8	19.2

112334 2002 ND_{4} 5 27.7 274°.83 2°.9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.61	−15 51.9	1.691	2.532	15.3	19.9
5 1	16 42.11	−15 28.4	1.590	2.508	11.9	19.6
5 11	16 34.92	−15 3.6	1.510	2.484	8.0	19.3
5 21	16 25.60	−14 39.4	1.455	2.459	4.0	19.0
5 31	16 15.15	−14 18.5	1.426	2.433	3.6	18.9
6 10	16 4.81	−14 4.1	1.423	2.407	7.7	19.1
6 20	15 55.78	−13 58.7	1.445	2.381	12.2	19.3
6 30	15 49.06	−14 4.5	1.488	2.355	16.3	19.5

141857 2002 PS_{14} 5 27.7 281°.66 4°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.26	−12 21.9	1.552	2.400	16.1	19.9
5 1	16 41.10	−11 50.2	1.466	2.386	12.6	19.7
5 11	16 34.23	−11 20.4	1.400	2.371	8.7	19.4
5 21	16 25.29	−10 55.8	1.357	2.356	5.2	19.2
5 31	16 15.33	−10 40.1	1.340	2.342	5.1	19.1
6 10	16 5.65	−10 36.3	1.348	2.327	8.7	19.3
6 20	15 57.42	−10 46.1	1.380	2.312	13.0	19.5
6 30	15 51.59	−11 10.0	1.432	2.298	16.9	19.7

126568 2002 CO_{107} 5 27.7 111°.13 3°.5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.19	−13 13.9	1.904	2.741	14.0	19.9
5 1	16 40.28	−12 46.2	1.835	2.749	10.8	19.7
5 11	16 33.23	−12 20.0	1.788	2.758	7.3	19.5
5 21	16 24.73	−11 57.8	1.767	2.766	4.1	19.3
5 31	16 15.68	−11 42.0	1.772	2.774	4.0	19.3
6 10	16 7.08	−11 34.9	1.805	2.782	7.0	19.5
6 20	15 59.78	−11 37.6	1.862	2.790	10.4	19.7
6 30	15 54.46	−11 50.6	1.942	2.797	13.5	20.0

293170 2006 YU_{47} 5 27.7 173°.45 0°.7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.26	−25 18.1	2.822	3.634	10.6	21.3
5 1	16 38.29	−25 5.8	2.735	3.637	8.2	21.2
5 11	16 31.73	−24 47.7	2.672	3.638	5.4	21.0
5 21	16 24.08	−24 24.0	2.636	3.640	2.4	20.8
5 31	16 16.00	−23 55.9	2.629	3.641	1.2	20.7
6 10	16 8.22	−23 25.2	2.652	3.642	4.1	20.9
6 20	16 1.36	−22 54.3	2.702	3.642	7.0	21.1
6 30	15 55.95	−22 25.7	2.778	3.642	9.6	21.3

243511 2009 WF_{129} 5 27.7 346°.16 2°.3/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.78	−23 52.7	1.521	2.362	16.7	19.9
5 1	16 43.33	−24 45.3	1.442	2.358	13.1	19.6
5 11	16 35.84	−25 35.2	1.383	2.355	8.8	19.4
5 21	16 25.99	−26 19.3	1.348	2.352	4.3	19.1
5 31	16 14.99	−26 54.9	1.339	2.349	2.7	19.0
6 10	16 4.30	−27 21.6	1.355	2.347	6.9	19.2
6 20	15 55.30	−27 40.9	1.395	2.345	11.4	19.5
6 30	15 49.04	−27 56.2	1.457	2.344	15.5	19.7

245505 2005 QV_{181} 5 27.7 204°.17 4°.3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.37	−37 32.2	2.978	3.748	11.1	21.5
5 1	16 40.86	−37 47.0	2.882	3.743	9.1	21.4
5 11	16 33.50	−37 51.1	2.808	3.738	7.0	21.2
5 21	16 24.84	−37 42.5	2.760	3.732	5.1	21.1
5 31	16 15.61	−37 20.5	2.740	3.726	4.3	21.0
6 10	16 6.67	−36 46.6	2.749	3.720	5.3	21.1
6 20	15 58.77	−36 3.6	2.785	3.713	7.4	21.2
6 30	15 52.51	−35 15.4	2.846	3.705	9.6	21.3

22997 1999 VT_{70} 5 27.7 109°.29 2°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.44	−17 28.1	2.434	3.265	11.5	18.6
5 1	16 37.02	−16 33.2	2.354	3.268	8.8	18.4
5 11	16 30.95	−15 35.1	2.299	3.270	5.8	18.2
5 21	16 23.76	−14 36.4	2.270	3.273	2.9	18.1
5 31	16 16.17	−13 40.3	2.270	3.276	2.8	18.1
6 10	16 8.93	−12 50.1	2.299	3.278	5.6	18.2
6 20	16 2.68	−12 8.5	2.354	3.281	8.6	18.4
6 30	15 57.97	−11 37.4	2.434	3.283	11.3	18.6

248386 2005 SK_{14} 5 27.7 159°.46 5°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.92	+ 0 27.7	3.116	3.914	10.0	21.2
5 1	16 36.20	+ 1 14.1	3.047	3.920	8.4	21.1
5 11	16 30.24	+ 1 53.0	3.003	3.926	6.8	21.0
5 21	16 23.44	+ 2 21.6	2.984	3.932	6.0	20.9
5 31	16 16.34	+ 2 37.8	2.994	3.937	6.2	20.9
6 10	16 9.49	+ 2 40.2	3.030	3.941	7.4	21.0
6 20	16 3.38	+ 2 29.0	3.091	3.946	9.0	21.1
6 30	15 58.42	+ 2 5.0	3.175	3.949	10.7	21.3

443445 2014 HF_{160} 5 27.7 333°.84 0°.5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.75	−22 11.1	1.980	2.816	13.6	21.2
5 1	16 38.70	−22 25.1	1.891	2.807	10.5	21.0
5 11	16 32.42	−22 35.8	1.826	2.799	6.9	20.8
5 21	16 24.49	−22 42.6	1.785	2.791	2.9	20.5
5 31	16 15.78	−22 45.9	1.771	2.783	1.4	20.4
6 10	16 7.33	−22 46.8	1.784	2.776	5.5	20.6
6 20	16 0.08	−22 47.1	1.822	2.770	9.4	20.8
6 30	15 54.80	−22 49.3	1.884	2.764	12.8	21.0

280987 2006 DQ_{88} 5 27.7 274°.14 2°.9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.41	− 7 29.8	4.431	5.247	7.0	20.5
5 1	16 31.03	− 7 0.7	4.346	5.244	5.5	20.4
5 11	16 26.82	− 6 34.1	4.287	5.240	4.0	20.3
5 21	16 22.04	− 6 11.5	4.256	5.237	3.0	20.2
5 31	16 17.04	− 5 54.1	4.253	5.234	3.1	20.3
6 10	16 12.17	− 5 43.0	4.279	5.230	4.3	20.3
6 20	16 7.76	− 5 38.7	4.332	5.227	5.8	20.4
6 30	16 4.09	− 5 41.4	4.410	5.224	7.3	20.5

37475 1038 $T\text{-}_{1}$ 5 27.7 331°.50 1°.5/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.24	−25 38.4	1.231	2.097	18.3	18.1
5 1	16 37.44	−25 32.4	1.143	2.074	14.4	17.8
5 11	16 32.37	−25 15.1	1.073	2.051	9.7	17.4
5 21	16 24.69	−24 45.8	1.024	2.030	4.4	17.1
5 31	16 15.64	−24 5.8	0.997	2.010	2.2	16.9
6 10	16 6.86	−23 19.5	0.994	1.991	7.7	17.1
6 20	15 59.89	−22 33.1	1.011	1.974	13.3	17.4
6 30	15 55.93	−21 53.2	1.048	1.958	18.2	17.6

38736 2000 QU_{144} 5 27.7 194°.23 2°.1/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.35	−17 19.0	1.756	2.591	15.0	19.7
5 1	16 43.07	−16 57.9	1.675	2.590	11.6	19.5
5 11	16 35.28	−16 34.7	1.615	2.588	7.6	19.3
5 21	16 25.65	−16 11.1	1.581	2.585	3.5	19.0
5 31	16 15.24	−15 49.3	1.573	2.582	2.9	18.9
6 10	16 5.23	−15 32.2	1.593	2.579	6.9	19.2
6 20	15 56.68	−15 22.3	1.638	2.574	11.0	19.4
6 30	15 50.39	−15 21.4	1.705	2.569	14.7	19.6

508524 2016 QU_{87} 5 27.7 281°.07 3°.7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.91	−31 5.2	2.264	3.071	13.1	21.1
5 1	16 41.09	−31 40.1	2.168	3.060	10.5	20.9
5 11	16 33.99	−32 7.1	2.094	3.048	7.5	20.7
5 21	16 25.17	−32 23.8	2.046	3.037	4.7	20.5
5 31	16 15.49	−32 28.7	2.025	3.026	3.7	20.4
6 10	16 6.00	−32 22.4	2.031	3.014	5.8	20.5
6 20	15 57.69	−32 7.4	2.063	3.003	8.9	20.7
6 30	15 51.35	−31 47.5	2.119	2.991	11.9	20.8

389218 2009 DE_{93} 5 27.7 187°.94 2°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.14	−27 24.7	2.368	3.180	12.4	20.7
5 1	16 40.95	−27 46.5	2.281	3.180	9.7	20.5
5 11	16 33.71	−28 2.1	2.217	3.179	6.6	20.3
5 21	16 24.99	−28 10.1	2.179	3.179	3.5	20.1
5 31	16 15.61	−28 10.1	2.169	3.178	2.3	20.1
6 10	16 6.51	−28 3.0	2.188	3.176	5.0	20.2
6 20	15 58.53	−27 51.2	2.233	3.175	8.2	20.4
6 30	15 52.38	−27 37.7	2.303	3.173	11.2	20.6

110237 2001 SW_{230} 5 27.7 101°.18 0°.7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.02	−20 20.3	1.758	2.595	15.0	19.7
5 1	16 41.95	−20 11.4	1.689	2.605	11.5	19.5
5 11	16 34.46	−19 58.8	1.642	2.616	7.4	19.3
5 21	16 25.29	−19 43.3	1.620	2.626	3.0	19.1
5 31	16 15.49	−19 26.3	1.624	2.636	1.8	19.0
6 10	16 6.22	−19 10.3	1.656	2.646	6.1	19.3
6 20	15 58.45	−18 58.0	1.712	2.656	10.2	19.5
6 30	15 52.93	−18 51.8	1.792	2.665	13.7	19.8

338103 2002 PV_{197} 5 27.7 285°.30 1°.7/28.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.00	−27 31.8	1.956	2.780	14.1	21.1
5 1	16 40.41	−27 23.6	1.872	2.779	11.0	20.9
5 11	16 33.49	−27 6.2	1.811	2.778	7.4	20.6
5 21	16 24.92	−26 38.9	1.774	2.777	3.6	20.4
5 31	16 15.66	−26 3.1	1.765	2.776	2.1	20.3
6 10	16 6.81	−25 21.6	1.783	2.775	5.6	20.5
6 20	15 59.35	−24 38.5	1.826	2.773	9.4	20.7
6 30	15 54.00	−23 58.2	1.893	2.772	12.8	21.0

157614 2005 WJ_{73} 5 27.7 104°.52 0°.2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.11	−21 42.5	1.805	2.639	14.8	20.0
5 1	16 42.08	−21 51.5	1.731	2.645	11.4	19.8
5 11	16 34.60	−21 56.7	1.679	2.651	7.4	19.6
5 21	16 25.38	−21 57.7	1.651	2.657	3.1	19.3
5 31	16 15.43	−21 55.1	1.651	2.663	1.5	19.2
6 10	16 5.94	−21 50.5	1.677	2.669	5.9	19.5
6 20	15 57.90	−21 46.2	1.729	2.674	9.9	19.8
6 30	15 52.10	−21 44.9	1.804	2.680	13.5	20.0

219790 2002 AD_{87} 5 27.7 184°.04 2°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.01	−14 28.4	2.442	3.263	11.8	21.5
5 1	16 40.54	−14 1.1	2.357	3.264	9.1	21.3
5 11	16 33.28	−13 33.6	2.296	3.264	6.1	21.1
5 21	16 24.78	−13 7.8	2.263	3.263	3.3	21.0
5 31	16 15.77	−12 45.8	2.258	3.261	3.1	20.9
6 10	16 7.05	−12 29.6	2.282	3.259	5.8	21.1
6 20	15 59.36	−12 20.8	2.333	3.256	8.9	21.3
6 30	15 53.28	−12 20.3	2.409	3.252	11.6	21.5

245240 2004 XM_{146} 5 27.7 193°.51 4°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.15	− 8 22.6	2.385	3.205	12.1	20.8
5 1	16 39.92	− 7 59.5	2.302	3.203	9.5	20.7
5 11	16 32.91	− 7 40.8	2.243	3.201	6.8	20.5
5 21	16 24.64	− 7 28.8	2.209	3.198	4.7	20.3
5 31	16 15.84	− 7 25.5	2.204	3.195	4.7	20.3
6 10	16 7.31	− 7 32.5	2.227	3.191	6.9	20.5
6 20	15 59.78	− 7 50.0	2.277	3.186	9.7	20.6
6 30	15 53.83	− 8 17.7	2.350	3.181	12.3	20.8

386176 2007 UV_{124} 5 27.7 54°.28 1°.7/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.72	−20 41.4	1.858	2.697	14.2	20.5
5 1	16 39.12	−19 41.2	1.797	2.716	10.8	20.3
5 11	16 32.43	−18 35.2	1.760	2.735	6.9	20.1
5 21	16 24.41	−17 26.6	1.748	2.754	3.0	19.9
5 31	16 16.01	−16 19.5	1.764	2.774	2.5	19.9
6 10	16 8.21	−15 18.7	1.807	2.793	6.2	20.2
6 20	16 1.83	−14 27.8	1.876	2.813	9.8	20.5
6 30	15 57.43	−13 49.3	1.968	2.833	13.0	20.7

476379 2008 CG_{48} 5 27.7 208°.64 4°.5/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.56	− 9 1.5	2.379	3.208	11.8	21.6
5 1	16 37.18	− 8 18.1	2.300	3.206	9.3	21.5
5 11	16 31.13	− 7 37.9	2.245	3.204	6.7	21.3
5 21	16 23.91	− 7 3.7	2.215	3.203	4.8	21.2
5 31	16 16.23	− 6 38.6	2.213	3.201	4.9	21.2
6 10	16 8.82	− 6 24.5	2.238	3.199	7.1	21.3
6 20	16 2.38	− 6 22.6	2.289	3.196	9.7	21.5
6 30	15 57.44	− 6 32.8	2.363	3.194	12.2	21.6

429233 2010 AB_{42} 5 27.7 59°.87 3°.6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.08	−31 29.7	1.734	2.554	15.9	21.0
5 1	16 42.21	−31 35.7	1.669	2.569	12.6	20.8
5 11	16 34.71	−31 28.9	1.625	2.585	8.8	20.6
5 21	16 25.42	−31 7.9	1.605	2.600	5.1	20.4
5 31	16 15.51	−30 33.3	1.610	2.616	3.6	20.4
6 10	16 6.27	−29 48.5	1.642	2.632	6.3	20.6
6 20	15 58.74	−28 58.7	1.700	2.648	9.9	20.8
6 30	15 53.67	−28 9.5	1.780	2.664	13.2	21.0

128301 2003 YZ_{139} 5 27.7 311°.89 2°.4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 37.67	− 9 7.6	4.152	4.965	7.5	19.2
5 1	16 33.57	− 9 9.4	4.063	4.962	5.8	19.1
5 11	16 28.51	− 9 14.0	4.000	4.959	4.1	19.0
5 21	16 22.79	− 9 22.4	3.965	4.956	2.7	18.9
5 31	16 16.80	− 9 35.2	3.959	4.953	2.6	18.8
6 10	16 10.93	− 9 52.8	3.983	4.949	4.0	18.9
6 20	16 5.56	−10 15.4	4.035	4.946	5.8	19.1
6 30	16 1.03	−10 42.8	4.112	4.943	7.4	19.2

509695 2008 RF_{98} 5 27.7 272°.04 10°.6/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 4.44	−43 40.3	2.079	2.817	16.2	21.1
5 1	16 57.36	−46 2.4	1.972	2.794	14.3	20.9
5 11	16 46.04	−48 16.6	1.888	2.770	12.3	20.7
5 21	16 30.73	−50 12.3	1.828	2.746	10.9	20.6
5 31	16 12.56	−51 38.8	1.795	2.721	10.7	20.5
6 10	15 53.50	−52 30.3	1.789	2.696	11.9	20.5
6 20	15 35.85	−52 47.7	1.807	2.671	14.0	20.6
6 30	15 21.60	−52 38.3	1.846	2.645	16.4	20.7

255243 2005 UD_{482} 5 27.7 155°.45 0°.2/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.61	−22 49.9	2.487	3.310	11.5	20.4
5 1	16 37.99	−22 23.3	2.403	3.313	8.8	20.2
5 11	16 31.65	−21 51.3	2.344	3.315	5.7	20.0
5 21	16 24.13	−21 14.9	2.311	3.317	2.3	19.8
5 31	16 16.16	−20 35.9	2.306	3.318	1.2	19.7
6 10	16 8.52	−19 56.9	2.330	3.320	4.7	19.9
6 20	16 1.91	−19 20.7	2.382	3.322	7.9	20.1
6 30	15 56.87	−18 49.9	2.458	3.323	10.7	20.3

502236 2015 BA_{91} 5 27.7 115°.24 6°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.48	− 4 55.4	1.980	2.805	14.0	21.6
5 1	16 40.32	− 4 6.7	1.920	2.818	11.2	21.5
5 11	16 33.19	− 3 25.4	1.881	2.831	8.5	21.3
5 21	16 24.75	− 2 55.6	1.868	2.844	6.7	21.2
5 31	16 15.87	− 2 40.4	1.882	2.857	6.9	21.3
6 10	16 7.45	− 2 41.7	1.921	2.869	8.9	21.4
6 20	16 0.29	− 2 59.2	1.985	2.881	11.5	21.6
6 30	15 54.98	− 3 31.4	2.070	2.892	14.1	21.8

497027 2003 QE_{73} 5 27.7 317°.47 7°.1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.13	−11 21.8	1.154	2.028	18.7	21.1
5 1	16 38.15	−10 16.1	1.064	1.998	14.9	20.8
5 11	16 32.92	− 9 9.2	0.993	1.968	10.8	20.4
5 21	16 25.02	− 8 7.7	0.942	1.938	7.5	20.1
5 31	16 15.61	− 7 19.7	0.913	1.910	8.0	20.1
6 10	16 6.28	− 6 52.4	0.905	1.882	12.1	20.2
6 20	15 58.59	− 6 50.2	0.917	1.856	17.1	20.4
6 30	15 53.84	− 7 13.8	0.945	1.830	21.9	20.5

58193 1992 DL_{6} 5 27.7 4°.28 1°.2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.28	−19 2.7	1.955	2.795	13.6	19.2
5 1	16 38.22	−18 51.2	1.876	2.795	10.4	19.0
5 11	16 32.03	−18 37.3	1.821	2.795	6.7	18.7
5 21	16 24.35	−18 21.9	1.790	2.796	2.8	18.5
5 31	16 16.05	−18 6.7	1.786	2.797	1.9	18.4
6 10	16 8.11	−17 54.0	1.809	2.798	5.8	18.7
6 20	16 1.39	−17 45.8	1.857	2.800	9.5	18.9
6 30	15 56.58	−17 43.9	1.928	2.802	12.8	19.1

367162 2006 VB_{67} 5 27.7 260°.78 0°.8/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.17	−20 38.1	1.784	2.619	14.9	21.9
5 1	16 42.44	−20 22.1	1.685	2.600	11.5	21.6
5 11	16 35.09	−20 1.2	1.608	2.581	7.6	21.3
5 21	16 25.72	−19 36.0	1.556	2.562	3.1	21.0
5 31	16 15.33	−19 8.2	1.530	2.542	1.9	20.9
6 10	16 5.14	−18 40.9	1.531	2.521	6.6	21.1
6 20	15 56.30	−18 17.4	1.558	2.501	11.1	21.3
6 30	15 49.72	−18 1.2	1.607	2.479	15.0	21.5

165043 2000 DM_{113} 5 27.7 218°.75 6°.6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.19	− 3 24.5	2.195	3.016	13.0	20.7
5 1	16 38.57	− 2 34.8	2.118	3.011	10.6	20.5
5 11	16 32.11	− 1 52.1	2.063	3.007	8.3	20.3
5 21	16 24.36	− 1 20.6	2.033	3.002	6.8	20.2
5 31	16 16.06	− 1 3.7	2.029	2.997	7.0	20.2
6 10	16 8.05	− 1 3.4	2.052	2.992	8.9	20.3
6 20	16 1.08	− 1 19.8	2.099	2.986	11.4	20.5
6 30	15 55.75	− 1 51.8	2.168	2.980	13.8	20.6

241616 1999 TC_{239} 5 27.7 260°.92 1°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.31	−20 17.4	2.550	3.376	11.2	20.8
5 1	16 37.83	−19 47.7	2.450	3.360	8.6	20.6
5 11	16 31.62	−19 13.7	2.373	3.345	5.6	20.3
5 21	16 24.17	−18 36.6	2.323	3.329	2.4	20.1
5 31	16 16.15	−17 58.4	2.302	3.312	1.7	20.0
6 10	16 8.34	−17 21.7	2.309	3.296	5.0	20.2
6 20	16 1.43	−16 49.0	2.343	3.279	8.2	20.4
6 30	15 56.04	−16 22.8	2.402	3.262	11.1	20.6

190417 1999 UU_{12} 5 27.7 195°.70 3°.5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.81	−32 52.3	2.584	3.373	12.1	21.0
5 1	16 42.96	−33 13.2	2.490	3.370	9.7	20.9
5 11	16 35.02	−33 24.8	2.420	3.367	7.1	20.7
5 21	16 25.57	−33 25.1	2.375	3.362	4.5	20.5
5 31	16 15.45	−33 13.3	2.359	3.357	3.6	20.4
6 10	16 5.61	−32 50.6	2.371	3.352	5.3	20.5
6 20	15 56.91	−32 20.0	2.411	3.346	8.1	20.7
6 30	15 50.05	−31 45.3	2.476	3.339	10.7	20.9

37675 1995 AJ_{1} 5 27.7 74°.88 6°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.52	−35 58.8	1.392	2.204	19.4	18.1
5 1	16 48.58	−36 30.6	1.340	2.230	15.7	17.9
5 11	16 39.11	−36 43.9	1.307	2.255	11.7	17.8
5 21	16 27.26	−36 34.3	1.296	2.280	7.9	17.6
5 31	16 14.71	−36 0.9	1.310	2.305	6.4	17.6
6 10	16 3.26	−35 8.2	1.348	2.330	8.4	17.8
6 20	15 54.29	−34 4.3	1.410	2.354	11.8	18.0
6 30	15 48.63	−32 58.0	1.493	2.378	15.3	18.3

94618 2001 VK_{118} 5 27.7 192°.36 1°.0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.97	−25 10.0	1.721	2.548	15.7	21.0
5 1	16 44.55	−25 2.2	1.638	2.547	12.2	20.7
5 11	16 36.38	−24 46.0	1.576	2.546	8.1	20.5
5 21	16 26.20	−24 20.9	1.539	2.543	3.6	20.2
5 31	16 15.16	−23 48.0	1.528	2.540	1.7	20.1
6 10	16 4.58	−23 10.6	1.545	2.537	6.3	20.4
6 20	15 55.62	−22 33.1	1.587	2.533	10.7	20.6
6 30	15 49.14	−22 0.1	1.652	2.528	14.5	20.8

380626 2004 TZ_{336} 5 27.7 252°.16 0°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.56	−19 7.0	2.017	2.846	13.6	21.0
5 1	16 42.42	−19 21.5	1.921	2.832	10.6	20.7
5 11	16 34.92	−19 35.2	1.847	2.819	6.9	20.5
5 21	16 25.62	−19 47.8	1.799	2.805	2.9	20.2
5 31	16 15.42	−19 59.3	1.779	2.791	1.6	20.1
6 10	16 5.39	−20 10.7	1.786	2.776	5.8	20.3
6 20	15 56.53	−20 23.1	1.820	2.761	9.8	20.5
6 30	15 49.69	−20 38.3	1.878	2.746	13.4	20.7

19951 1982 UW_2 5 27.7 230°.09 4°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.69	− 6 37.0	2.666	3.485	11.0	19.1
5 1	16 37.15	− 6 7.2	2.580	3.478	8.7	19.0
5 11	16 31.08	− 5 42.1	2.518	3.471	6.5	18.8
5 21	16 23.93	− 5 24.2	2.482	3.463	4.8	18.7
5 31	16 16.30	− 5 15.6	2.474	3.456	4.9	18.7
6 10	16 8.90	− 5 17.8	2.494	3.448	6.8	18.8
6 20	16 2.32	− 5 31.2	2.539	3.440	9.1	18.9
6 30	15 57.09	− 5 55.6	2.609	3.432	11.4	19.1

423673 2005 YF_{187} 5 27.7 289°.05 4°.0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.93	−12 18.0	1.756	2.595	14.9	20.8
5 1	16 41.57	−11 57.2	1.650	2.565	11.8	20.5
5 11	16 34.62	−11 38.5	1.565	2.535	8.2	20.3
5 21	16 25.59	−11 24.6	1.505	2.504	4.8	20.0
5 31	16 15.41	−11 18.4	1.471	2.473	4.6	19.9
6 10	16 5.24	−11 22.2	1.463	2.442	8.2	20.0
6 20	15 56.24	−11 37.8	1.480	2.411	12.4	20.2
6 30	15 49.40	−12 5.7	1.518	2.379	16.3	20.4

432383 2009 WJ_{195} 5 27.7 199°.14 3°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.13	−12 13.7	1.979	2.807	13.9	21.1
5 1	16 42.67	−12 20.6	1.896	2.805	10.8	20.9
5 11	16 34.95	−12 31.6	1.835	2.803	7.3	20.7
5 21	16 25.59	−12 47.7	1.800	2.801	3.9	20.5
5 31	16 15.48	−13 9.7	1.793	2.798	3.5	20.4
6 10	16 5.67	−13 38.1	1.814	2.795	6.7	20.6
6 20	15 57.10	−14 12.8	1.861	2.792	10.3	20.8
6 30	15 50.51	−14 53.7	1.932	2.788	13.5	21.0

389244 2009 FW_{27} 5 27.7 110°.64 4°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.80	− 9 18.7	2.188	3.016	12.7	20.7
5 1	16 39.02	− 9 0.1	2.114	3.021	10.0	20.6
5 11	16 32.39	− 8 46.1	2.063	3.025	7.0	20.4
5 21	16 24.48	− 8 38.8	2.037	3.030	4.6	20.3
5 31	16 16.05	− 8 40.2	2.040	3.034	4.6	20.3
6 10	16 7.97	− 8 51.5	2.069	3.038	6.9	20.4
6 20	16 0.96	− 9 12.9	2.124	3.042	9.8	20.6
6 30	15 55.64	− 9 43.9	2.202	3.046	12.6	20.8

131207 2001 DH_{43} 5 27.7 211°.33 3°.4/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.96	−13 34.5	1.986	2.823	13.5	19.8
5 1	16 39.41	−13 0.5	1.907	2.821	10.5	19.6
5 11	16 32.77	−12 27.0	1.850	2.820	7.1	19.4
5 21	16 24.68	−11 56.6	1.818	2.818	4.1	19.2
5 31	16 15.97	−11 32.3	1.814	2.816	4.0	19.2
6 10	16 7.61	−11 16.6	1.837	2.814	6.9	19.4
6 20	16 0.44	−11 11.1	1.884	2.812	10.4	19.6
6 30	15 55.14	−11 16.8	1.955	2.809	13.5	19.8

69428 1996 EA_3 5 27.7 62°.57 2°.7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.66	−27 41.9	1.795	2.620	15.2	19.2
5 1	16 42.61	−28 10.8	1.729	2.634	11.9	19.0
5 11	16 35.01	−28 31.7	1.683	2.648	8.1	18.8
5 21	16 25.61	−28 42.5	1.663	2.662	4.3	18.6
5 31	16 15.52	−28 42.8	1.668	2.677	2.9	18.6
6 10	16 5.96	−28 34.0	1.701	2.691	6.0	18.8
6 20	15 57.98	−28 19.4	1.759	2.705	9.7	19.0
6 30	15 52.37	−28 3.2	1.839	2.720	13.1	19.3

523083 2016 QA_{94} 5 27.7 289°.29 3°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.61	−11 40.8	2.114	2.947	12.9	21.0
5 1	16 39.09	−11 30.4	2.028	2.939	10.1	20.8
5 11	16 32.58	−11 23.4	1.964	2.932	6.9	20.6
5 21	16 24.61	−11 21.3	1.926	2.924	4.1	20.4
5 31	16 15.99	−11 26.1	1.915	2.917	3.9	20.4
6 10	16 7.61	−11 38.8	1.932	2.909	6.6	20.6
6 20	16 0.31	−12 0.2	1.974	2.902	9.9	20.7
6 30	15 54.76	−12 30.1	2.040	2.895	13.0	20.9

237347 2010 AK_{76} 5 27.7 158°.73 7°.0/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.99	− 1 50.2	2.248	3.062	12.9	20.5
5 1	16 39.05	− 0 53.3	2.180	3.067	10.6	20.4
5 11	16 32.35	− 0 4.6	2.135	3.071	8.5	20.3
5 21	16 24.45	+ 0 31.7	2.115	3.076	7.1	20.2
5 31	16 16.10	+ 0 52.3	2.121	3.080	7.4	20.2
6 10	16 8.10	+ 0 55.4	2.154	3.083	9.1	20.3
6 20	16 1.16	+ 0 40.9	2.211	3.086	11.3	20.5
6 30	15 55.84	+ 0 10.3	2.290	3.089	13.6	20.6

262727 2006 XL_{32} 5 27.7 200°.12 0°.3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.55	−23 31.9	2.803	3.618	10.6	22.1
5 1	16 38.60	−23 23.0	2.711	3.615	8.2	21.9
5 11	16 32.03	−23 9.5	2.643	3.611	5.3	21.7
5 21	16 24.33	−22 51.6	2.602	3.607	2.2	21.5
5 31	16 16.14	−22 30.2	2.590	3.602	1.1	21.4
6 10	16 8.20	−22 7.0	2.607	3.597	4.2	21.6
6 20	16 1.16	−21 44.2	2.652	3.592	7.2	21.8
6 30	15 55.55	−21 23.9	2.723	3.586	9.9	22.0

466120 2012 DG_{82} 5 27.7 86°.38 3°.8/26.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.49	−15 9.5	1.615	2.455	15.9	22.1
5 1	16 42.91	−14 9.6	1.563	2.480	12.2	21.9
5 11	16 34.96	−13 9.0	1.534	2.505	8.1	21.7
5 21	16 25.50	−12 11.8	1.530	2.530	4.5	21.5
5 31	16 15.64	−11 22.4	1.552	2.554	4.4	21.6
6 10	16 6.55	−10 44.8	1.601	2.578	7.8	21.8
6 20	15 59.13	−10 21.1	1.674	2.601	11.5	22.1
6 30	15 54.00	−10 12.2	1.769	2.624	14.7	22.4

240750 2005 JG_{131} 5 27.7 231°.64 3°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.26	−12 25.2	2.160	2.991	12.8	20.7
5 1	16 39.51	−12 14.9	2.077	2.988	9.9	20.5
5 11	16 32.80	−12 7.2	2.018	2.986	6.7	20.3
5 21	16 24.69	−12 3.8	1.983	2.983	3.8	20.1
5 31	16 15.97	−12 6.2	1.977	2.980	3.6	20.1
6 10	16 7.54	−12 15.8	1.998	2.976	6.4	20.3
6 20	16 0.18	−12 33.2	2.045	2.973	9.6	20.5
6 30	15 54.57	−12 58.6	2.116	2.970	12.6	20.6

152391 2005 UU_{243} 5 27.7 36°.70 1°.6/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.08	−26 59.4	2.223	3.045	12.8	19.8
5 1	16 38.66	−26 58.3	2.144	3.049	9.9	19.6
5 11	16 32.25	−26 49.8	2.087	3.054	6.7	19.4
5 21	16 24.45	−26 33.5	2.057	3.059	3.2	19.2
5 31	16 16.10	−26 10.2	2.053	3.064	1.9	19.1
6 10	16 8.14	−25 42.2	2.078	3.069	4.9	19.3
6 20	16 1.35	−25 12.3	2.128	3.074	8.3	19.6
6 30	15 56.38	−24 44.0	2.203	3.080	11.3	19.8

209521 2004 SL_{33} 5 27.7 222°.94 5°.0/25.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.40	−11 27.9	1.675	2.513	15.5	21.1
5 1	16 42.48	−10 38.9	1.592	2.506	12.2	20.8
5 11	16 35.01	− 9 51.4	1.531	2.498	8.6	20.6
5 21	16 25.67	− 9 9.2	1.495	2.490	5.5	20.4
5 31	16 15.48	− 8 36.7	1.484	2.481	5.6	20.4
6 10	16 5.65	− 8 17.5	1.500	2.471	8.8	20.5
6 20	15 57.25	− 8 13.6	1.540	2.461	12.7	20.7
6 30	15 51.11	− 8 25.5	1.601	2.450	16.2	20.9

261774 2006 BT_{96} 5 27.7 253°.74 3°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 34.63	− 3 52.5	4.401	5.210	7.1	20.5
5 1	16 31.23	− 3 19.2	4.320	5.208	5.8	20.4
5 11	16 27.01	− 2 49.7	4.265	5.205	4.5	20.3
5 21	16 22.22	− 2 25.6	4.236	5.203	3.7	20.3
5 31	16 17.21	− 2 8.4	4.236	5.200	3.8	20.3
6 10	16 12.34	− 1 59.0	4.264	5.198	4.9	20.3
6 20	16 7.92	− 1 57.9	4.319	5.195	6.2	20.4
6 30	16 4.24	− 2 5.0	4.397	5.193	7.6	20.5

198408 2004 VT_{59} 5 27.7 150°.82 1°.8/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.89	−27 52.2	2.487	3.292	12.1	22.1
5 1	16 42.08	−27 56.6	2.407	3.302	9.4	21.9
5 11	16 34.34	−27 53.6	2.350	3.312	6.4	21.7
5 21	16 25.28	−27 42.6	2.320	3.320	3.3	21.6
5 31	16 15.71	−27 23.7	2.319	3.328	2.0	21.5
6 10	16 6.52	−26 58.9	2.347	3.336	4.7	21.7
6 20	15 58.50	−26 30.9	2.402	3.342	7.8	21.9
6 30	15 52.26	−26 3.1	2.483	3.349	10.6	22.1

15689 1981 UP_{25} 5 27.7 28°.01 4°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.89	−15 9.7	1.225	2.093	18.2	16.2
5 1	16 38.70	−13 59.0	1.173	2.105	14.0	16.0
5 11	16 32.64	−12 46.9	1.140	2.118	9.4	15.7
5 21	16 24.66	−11 39.3	1.130	2.131	5.5	15.6
5 31	16 16.05	−10 42.6	1.144	2.146	5.6	15.6
6 10	16 8.20	−10 2.2	1.180	2.162	9.4	15.9
6 20	16 2.21	− 9 40.7	1.239	2.178	13.6	16.1
6 30	15 58.81	− 9 38.4	1.317	2.195	17.3	16.4

423195 2004 PQ_2 5 27.7 268°.11 7°.9/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.52	−42 8.6	1.899	2.673	16.4	20.7
5 1	16 45.51	−42 45.5	1.805	2.660	14.0	20.5
5 11	16 37.33	−43 4.9	1.731	2.648	11.3	20.3
5 21	16 26.72	−43 1.4	1.679	2.636	9.0	20.1
5 31	16 14.96	−42 31.9	1.651	2.623	7.9	20.0
6 10	16 3.62	−41 37.7	1.649	2.611	9.0	20.1
6 20	15 54.10	−40 24.5	1.671	2.598	11.5	20.2
6 30	15 47.43	−39 0.5	1.715	2.585	14.4	20.3

364731 2007 VY_{119} 5 27.7 280°.00 0°.4/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.97	−22 3.5	1.480	2.324	16.9	21.3
5 1	16 43.74	−22 12.2	1.384	2.304	13.2	21.0
5 11	16 36.35	−22 16.4	1.309	2.283	8.8	20.7
5 21	16 26.41	−22 15.5	1.256	2.263	3.7	20.3
5 31	16 15.08	−22 9.4	1.229	2.242	1.8	20.1
6 10	16 3.89	−22 0.0	1.227	2.221	7.3	20.4
6 20	15 54.29	−21 50.6	1.249	2.199	12.5	20.6
6 30	15 47.47	−21 45.3	1.292	2.178	17.1	20.9

278327 2007 HA_{59} 5 27.7 191.°86 5.°0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.34	−41 2.1	3.618	4.334	10.2	21.9
5 1	16 52.27	−41 58.7	3.512	4.331	8.6	21.8
5 11	16 41.01	−42 45.2	3.432	4.328	6.9	21.7
5 21	16 28.10	−43 17.8	3.380	4.323	5.5	21.6
5 31	16 14.33	−43 34.0	3.360	4.317	5.0	21.5
6 10	16 0.67	−43 33.5	3.371	4.309	5.8	21.6
6 20	15 48.02	−43 18.3	3.412	4.301	7.4	21.7
6 30	15 37.13	−42 52.2	3.480	4.292	9.1	21.8

11222 1999 JR_{27} 5 27.7 246.°75 2.°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.47	−16 15.7	2.353	3.184	11.9	18.1
5 1	16 38.03	−15 31.8	2.262	3.175	9.1	17.9
5 11	16 31.79	−14 45.7	2.195	3.166	6.1	17.7
5 21	16 24.29	−13 59.5	2.155	3.156	3.2	17.5
5 31	16 16.24	−13 16.1	2.142	3.147	3.0	17.5
6 10	16 8.46	−12 38.5	2.158	3.137	5.9	17.6
6 20	16 1.66	−12 9.3	2.200	3.127	9.1	17.8
6 30	15 56.46	−11 50.2	2.266	3.117	12.0	18.0

311531 2005 YJ_{52} 5 27.7 83.°05 1.°5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.00	−27 44.0	2.525	3.339	11.7	20.7
5 1	16 38.32	−27 33.8	2.448	3.349	9.0	20.6
5 11	16 31.90	−27 16.1	2.394	3.358	6.1	20.4
5 21	16 24.30	−26 50.8	2.367	3.368	3.0	20.2
5 31	16 16.26	−26 19.1	2.367	3.378	1.7	20.1
6 10	16 8.61	−25 43.1	2.396	3.387	4.5	20.3
6 20	16 2.03	−25 5.9	2.453	3.397	7.5	20.5
6 30	15 57.08	−24 30.5	2.534	3.406	10.2	20.7

436163 2009 VO_{60} 5 27.7 198.°88 2.°0/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.88	−26 49.7	2.823	3.615	11.1	22.5
5 1	16 45.13	−27 24.6	2.723	3.610	8.7	22.4
5 11	16 36.40	−27 54.9	2.647	3.605	6.0	22.2
5 21	16 26.20	−28 18.7	2.600	3.598	3.2	22.0
5 31	16 15.29	−28 34.9	2.583	3.590	2.2	21.9
6 10	16 4.52	−28 43.7	2.596	3.581	4.6	22.0
6 20	15 54.71	−28 46.4	2.639	3.572	7.5	22.2
6 30	15 46.54	−28 45.6	2.709	3.561	10.2	22.4

163074 2002 AD_{14} 5 27.7 42.°48 0.°7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.33	−22 59.5	1.127	1.989	19.9	18.5
5 1	16 43.30	−23 6.5	1.077	2.006	15.3	18.3
5 11	16 35.85	−23 6.5	1.046	2.024	9.9	18.1
5 21	16 26.04	−22 59.1	1.036	2.043	4.2	17.8
5 31	16 15.44	−22 45.4	1.050	2.063	2.0	17.7
6 10	16 5.79	−22 29.1	1.087	2.083	7.5	18.1
6 20	15 58.42	−22 14.3	1.146	2.103	12.6	18.5
6 30	15 54.20	−22 5.0	1.225	2.124	16.9	18.8

494261 2016 QW_{49} 5 27.7 279.°07 0.°4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.42	−22 42.2	2.077	2.906	13.3	21.7
5 1	16 39.93	−22 44.4	1.985	2.897	10.3	21.5
5 11	16 33.25	−22 42.1	1.916	2.887	6.7	21.2
5 21	16 24.96	−22 35.1	1.872	2.878	2.8	21.0
5 31	16 15.91	−22 24.2	1.856	2.868	1.4	20.8
6 10	16 7.11	−22 11.1	1.867	2.859	5.4	21.1
6 20	15 59.49	−21 58.1	1.904	2.849	9.2	21.3
6 30	15 53.79	−21 48.1	1.965	2.840	12.6	21.5

63556 2001 QE_{10} 5 27.7 226.°66 4.°0/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.34	−13 53.1	1.660	2.498	15.6	20.0
5 1	16 43.31	−13 13.1	1.574	2.489	12.2	19.8
5 11	16 35.63	−12 32.6	1.509	2.479	8.3	19.5
5 21	16 25.98	−11 54.9	1.469	2.469	4.7	19.3
5 31	16 15.41	−11 23.6	1.455	2.458	4.6	19.3
6 10	16 5.16	−11 2.5	1.468	2.446	8.2	19.4
6 20	15 56.38	−10 53.9	1.505	2.433	12.4	19.7
6 30	15 49.93	−10 59.2	1.563	2.420	16.2	19.9

295891 2008 WD_{74} 5 27.7 199.°36 1.°3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.35	−26 50.0	1.458	2.296	17.4	20.5
5 1	16 43.75	−26 27.7	1.380	2.296	13.6	20.3
5 11	16 36.07	−25 53.0	1.323	2.295	9.1	20.0
5 21	16 26.17	−25 5.9	1.289	2.294	4.1	19.7
5 31	16 15.34	−24 8.7	1.281	2.293	2.0	19.6
6 10	16 5.12	−23 6.6	1.298	2.292	6.9	19.9
6 20	15 56.78	−22 6.1	1.339	2.290	11.7	20.1
6 30	15 51.24	−21 13.4	1.402	2.289	15.9	20.4

298934 2004 TZ_{190} 5 27.7 105.°69 2.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.32	−17 28.6	1.474	2.320	16.9	21.0
5 1	16 43.31	−16 51.4	1.411	2.332	12.9	20.7
5 11	16 35.54	−16 11.5	1.368	2.343	8.5	20.5
5 21	16 25.87	−15 31.5	1.349	2.353	4.0	20.3
5 31	16 15.52	−14 55.1	1.356	2.364	3.4	20.3
6 10	16 5.84	−14 26.2	1.388	2.374	7.7	20.5
6 20	15 57.93	−14 7.7	1.445	2.384	12.0	20.8
6 30	15 52.57	−14 1.6	1.522	2.394	15.8	21.1

355629 2008 DZ_{88} 5 27.7 166.°13 5.°1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.04	−39 39.4	3.001	3.757	11.3	22.3
5 1	16 43.03	−40 17.6	2.915	3.762	9.4	22.1
5 11	16 35.03	−40 45.0	2.851	3.766	7.5	22.0
5 21	16 25.63	−40 58.8	2.812	3.770	5.8	21.9
5 31	16 15.60	−40 57.5	2.802	3.773	5.1	21.8
6 10	16 5.86	−40 42.0	2.819	3.776	6.0	21.9
6 20	15 57.20	−40 14.8	2.863	3.778	7.7	22.0
6 30	15 50.30	−39 39.6	2.933	3.780	9.7	22.2

34968 4094 $T\text{-}_2$ 5 27.7 237.°41 0.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.22	−19 54.9	2.566	3.390	11.2	20.2
5 1	16 38.53	−19 41.9	2.471	3.380	8.6	20.0
5 11	16 32.11	−19 26.1	2.399	3.370	5.6	19.8
5 21	16 24.43	−19 8.0	2.354	3.360	2.3	19.6
5 31	16 16.19	−18 49.0	2.337	3.349	1.5	19.5
6 10	16 8.17	−18 31.0	2.350	3.338	4.8	19.7
6 20	16 1.06	−18 15.8	2.389	3.326	8.0	19.9
6 30	15 55.47	−18 5.3	2.453	3.315	10.9	20.0

305522 2008 FA_{35} 5 27.7 220.°53 1.°4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.34	−26 29.2	2.609	3.421	11.4	21.4
5 1	16 39.44	−26 33.5	2.515	3.415	8.9	21.2
5 11	16 32.71	−26 31.7	2.444	3.408	6.0	21.0
5 21	16 24.68	−26 23.4	2.400	3.402	2.9	20.8
5 31	16 16.08	−26 8.8	2.385	3.395	1.7	20.7
6 10	16 7.71	−25 49.5	2.398	3.388	4.5	20.8
6 20	16 0.32	−25 27.6	2.438	3.381	7.6	21.0
6 30	15 54.53	−25 6.1	2.504	3.373	10.4	21.2

221210 2005 UJ_{79} 5 27.7 193.°05 4.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.64	−14 1.0	1.873	2.711	14.1	20.0
5 1	16 40.02	−12 56.2	1.795	2.711	10.9	19.8
5 11	16 33.22	−11 49.7	1.740	2.710	7.5	19.6
5 21	16 24.91	−10 45.7	1.711	2.709	4.6	19.4
5 31	16 15.99	− 9 48.6	1.709	2.707	4.7	19.4
6 10	16 7.49	− 9 2.9	1.734	2.706	7.8	19.6
6 20	16 0.28	− 8 31.3	1.783	2.704	11.2	19.8
6 30	15 55.05	− 8 15.2	1.855	2.702	14.4	20.0

326947 2004 EO_{46} 5 27.7 248.°51 3.°5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.15	−29 37.0	1.797	2.616	15.5	21.2
5 1	16 44.17	−30 2.3	1.705	2.605	12.3	21.0
5 11	16 36.34	−30 18.5	1.633	2.594	8.7	20.7
5 21	16 26.33	−30 22.7	1.586	2.583	5.0	20.5
5 31	16 15.24	−30 13.5	1.565	2.571	3.6	20.4
6 10	16 4.42	−29 52.4	1.570	2.559	6.6	20.5
6 20	15 55.13	−29 23.3	1.601	2.547	10.6	20.7
6 30	15 48.35	−28 51.4	1.655	2.534	14.3	20.9

461639 2005 ED_{225} 5 27.7 43.°32 2.°3/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.11	− 9 35.4	1.103	1.948	21.4	19.9
5 1	16 52.23	−11 16.8	1.057	1.975	16.5	19.7
5 11	16 41.63	−13 12.7	1.030	2.003	10.9	19.5
5 21	16 28.41	−15 18.1	1.027	2.032	5.0	19.2
5 31	16 14.32	−17 25.3	1.051	2.061	3.0	19.2
6 10	16 1.28	−19 27.0	1.100	2.092	8.2	19.6
6 20	15 50.83	−21 18.9	1.174	2.122	13.3	20.0
6 30	15 43.92	−23 0.2	1.269	2.153	17.5	20.3

53761 2000 EB_{77} 5 27.7 177.°24 0.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.19	−19 12.4	1.443	2.286	17.3	19.5
5 1	16 45.14	−19 21.9	1.368	2.287	13.4	19.3
5 11	16 37.01	−19 29.8	1.313	2.288	8.7	19.0
5 21	16 26.60	−19 35.9	1.282	2.288	3.6	18.7
5 31	16 15.14	−19 40.6	1.276	2.288	2.0	18.6
6 10	16 4.17	−19 45.5	1.296	2.288	7.2	18.9
6 20	15 54.99	−19 52.8	1.340	2.288	12.1	19.2
6 30	15 48.60	−20 4.8	1.406	2.287	16.3	19.4

341982 2008 QR_{40} 5 27.7 264.°75 1.°7/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.60	−18 29.7	1.896	2.734	14.0	21.8
5 1	16 40.18	−18 3.5	1.807	2.724	10.8	21.5
5 11	16 33.47	−17 33.9	1.740	2.713	7.1	21.3
5 21	16 25.08	−17 2.5	1.697	2.703	3.2	21.0
5 31	16 15.92	−16 31.9	1.682	2.692	2.5	21.0
6 10	16 7.05	−16 4.9	1.694	2.681	6.4	21.2
6 20	15 59.44	−15 44.6	1.731	2.670	10.4	21.4
6 30	15 53.85	−15 33.2	1.791	2.659	13.9	21.6

32585 2001 QQ_{107} 5 27.7 92.°98 3.°7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.69	−15 19.6	1.395	2.246	17.4	18.0
5 1	16 42.96	−14 38.0	1.333	2.255	13.4	17.8
5 11	16 35.39	−13 55.7	1.291	2.265	8.9	17.5
5 21	16 25.85	−13 16.2	1.272	2.274	4.7	17.3
5 31	16 15.59	−12 43.5	1.279	2.284	4.4	17.3
6 10	16 5.99	−12 21.5	1.310	2.293	8.4	17.6
6 20	15 58.21	−12 12.5	1.365	2.302	12.7	17.8
6 30	15 53.04	−12 17.4	1.440	2.311	16.5	18.1

471900 2013 BY_{34} 5 27.7 220°.83 2°.7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.17	−31 6.9	2.469	3.272	12.2	21.3
5 1	16 40.22	−31 4.2	2.375	3.266	9.7	21.1
5 11	16 33.28	−30 51.8	2.305	3.261	6.8	20.9
5 21	16 24.94	−30 28.8	2.260	3.255	3.9	20.7
5 31	16 16.01	−29 55.4	2.244	3.250	2.7	20.6
6 10	16 7.39	−29 14.0	2.256	3.244	5.0	20.7
6 20	15 59.90	−28 27.9	2.295	3.237	8.0	20.9
6 30	15 54.18	−27 41.3	2.359	3.231	10.9	21.1

474292 2001 WL_{100} 5 27.7 224°.83 0°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.91	−22 56.3	2.782	3.597	10.7	23.6
5 1	16 38.95	−22 37.9	2.682	3.587	8.2	23.4
5 11	16 32.32	−22 14.6	2.606	3.575	5.4	23.2
5 21	16 24.53	−21 46.8	2.558	3.564	2.2	23.0
5 31	16 16.21	−21 15.8	2.539	3.551	1.1	22.8
6 10	16 8.11	−20 43.8	2.549	3.539	4.3	23.1
6 20	16 0.89	−20 13.0	2.588	3.525	7.4	23.2
6 30	15 55.12	−19 46.0	2.651	3.512	10.2	23.4

253084 2002 TK_{222} 5 27.7 211°.22 1°.5/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.10	−26 5.3	2.065	2.882	13.8	21.9
5 1	16 43.58	−26 8.7	1.973	2.875	10.8	21.6
5 11	16 35.66	−26 4.8	1.902	2.868	7.2	21.4
5 21	16 25.98	−25 52.8	1.858	2.860	3.4	21.2
5 31	16 15.49	−25 32.8	1.841	2.852	1.9	21.0
6 10	16 5.30	−25 6.8	1.852	2.843	5.5	21.3
6 20	15 56.42	−24 38.3	1.890	2.833	9.4	21.5
6 30	15 49.65	−24 11.1	1.952	2.823	12.8	21.7

434663 2005 YJ_{125} 5 27.7 155°.19 1°.7/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.43	−27 35.4	2.343	3.151	12.6	22.9
5 1	16 42.64	−27 36.0	2.263	3.160	9.8	22.7
5 11	16 34.80	−27 28.8	2.205	3.167	6.6	22.5
5 21	16 25.54	−27 13.3	2.174	3.175	3.3	22.3
5 31	16 15.74	−26 49.8	2.171	3.181	2.0	22.2
6 10	16 6.34	−26 20.4	2.197	3.187	4.9	22.4
6 20	15 58.19	−25 48.5	2.251	3.192	8.2	22.7
6 30	15 51.91	−25 17.3	2.330	3.197	11.1	22.9

314049 2005 AH_{15} 5 27.7 192°.98 1°.2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.92	−18 19.8	1.820	2.650	14.8	21.4
5 1	16 44.33	−18 18.7	1.736	2.649	11.4	21.2
5 11	16 36.20	−18 16.1	1.675	2.647	7.5	21.0
5 21	16 26.22	−18 12.3	1.638	2.644	3.2	20.7
5 31	16 15.39	−18 8.5	1.630	2.641	2.1	20.6
6 10	16 4.91	−18 6.3	1.648	2.637	6.4	20.9
6 20	15 55.86	−18 7.7	1.693	2.632	10.5	21.1
6 30	15 49.07	−18 14.7	1.760	2.627	14.2	21.3

129862 1999 RN_{155} 5 27.7 321°.65 1°.0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.64	−25 10.1	1.160	2.028	19.0	19.6
5 1	16 38.86	−24 57.9	1.068	2.000	15.0	19.3
5 11	16 33.60	−24 33.5	0.994	1.974	10.1	18.9
5 21	16 25.45	−23 56.2	0.941	1.948	4.5	18.5
5 31	16 15.69	−23 7.6	0.910	1.922	2.1	18.3
6 10	16 6.11	−22 12.7	0.901	1.898	8.2	18.5
6 20	15 58.40	−21 18.8	0.913	1.876	14.2	18.8
6 30	15 53.91	−20 33.5	0.943	1.854	19.6	19.0

381422 2008 LN_{13} 5 27.7 3°.25 2°.6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 36.20	− 9 16.1	4.032	4.850	7.6	20.1
5 1	16 32.53	− 9 4.2	3.949	4.850	5.9	20.0
5 11	16 27.92	− 8 55.0	3.891	4.850	4.2	19.9
5 21	16 22.67	− 8 49.4	3.861	4.850	2.8	19.8
5 31	16 17.16	− 8 48.6	3.859	4.851	2.8	19.8
6 10	16 11.79	− 8 53.2	3.887	4.851	4.2	19.9
6 20	16 6.94	− 9 3.5	3.942	4.852	5.9	20.0
6 30	16 2.93	− 9 19.8	4.022	4.852	7.6	20.1

248125 2004 RG_{212} 5 27.7 279°.75 2°.6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.91	−31 22.0	2.421	3.226	12.3	20.2
5 1	16 39.35	−31 8.8	2.319	3.212	9.8	20.0
5 11	16 32.78	−30 44.9	2.241	3.198	6.9	19.8
5 21	16 24.77	−30 9.4	2.188	3.184	3.9	19.6
5 31	16 16.12	−29 23.1	2.163	3.169	2.7	19.5
6 10	16 7.76	−28 28.7	2.166	3.155	5.0	19.6
6 20	16 0.50	−27 30.1	2.196	3.140	8.2	19.8
6 30	15 55.03	−26 31.7	2.251	3.126	11.2	19.9

409880 2006 SU_{301} 5 27.7 274°.99 0°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.35	−24 53.1	3.411	4.221	9.0	21.5
5 1	16 36.05	−24 52.1	3.299	4.200	7.0	21.3
5 11	16 30.38	−24 46.9	3.213	4.179	4.6	21.1
5 21	16 23.74	−24 37.5	3.154	4.158	2.1	20.9
5 31	16 16.63	−24 24.3	3.125	4.136	1.1	20.8
6 10	16 9.63	−24 8.4	3.124	4.115	3.6	21.0
6 20	16 3.28	−23 51.4	3.152	4.093	6.1	21.1
6 30	15 58.07	−23 35.2	3.206	4.071	8.5	21.3

151723 2003 BX_{63} 5 27.7 154°.75 5°.1/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.53	− 6 10.9	2.523	3.334	11.7	21.2
5 1	16 40.78	− 5 25.8	2.453	3.345	9.4	21.1
5 11	16 33.41	− 4 45.7	2.407	3.356	7.0	21.0
5 21	16 24.94	− 4 13.4	2.388	3.365	5.3	20.9
5 31	16 16.09	− 3 51.7	2.397	3.374	5.5	20.9
6 10	16 7.59	− 3 42.4	2.435	3.382	7.3	21.0
6 20	16 0.10	− 3 45.9	2.498	3.389	9.7	21.2
6 30	15 54.13	− 4 1.8	2.586	3.395	11.9	21.3

180487 2004 CW_{75} 5 27.7 77°.95 3°.5/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.16	−14 40.0	1.534	2.380	16.3	21.0
5 1	16 42.25	−14 8.8	1.476	2.396	12.6	20.8
5 11	16 34.79	−13 38.2	1.438	2.411	8.4	20.6
5 21	16 25.59	−13 11.2	1.424	2.426	4.4	20.4
5 31	16 15.80	−12 50.7	1.436	2.441	4.1	20.4
6 10	16 6.66	−12 39.6	1.474	2.457	7.7	20.6
6 20	15 59.19	−12 39.4	1.536	2.472	11.7	20.9
6 30	15 54.10	−12 50.7	1.619	2.487	15.2	21.2

475063 2005 UV_{123} 5 27.7 195°.66 0°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.20	−22 48.1	2.880	3.696	10.3	22.7
5 1	16 38.33	−22 42.8	2.789	3.693	7.9	22.5
5 11	16 31.89	−22 33.6	2.722	3.691	5.2	22.3
5 21	16 24.36	−22 20.7	2.682	3.688	2.2	22.1
5 31	16 16.37	−22 4.9	2.672	3.684	1.0	22.0
6 10	16 8.60	−21 47.7	2.691	3.681	4.1	22.3
6 20	16 1.70	−21 30.9	2.737	3.677	7.0	22.4
6 30	15 56.18	−21 16.5	2.809	3.672	9.6	22.6

357784 2005 ST_{279} 5 27.7 209°.63 1°.8/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.09	−18 30.3	1.648	2.484	15.9	22.9
5 1	16 44.74	−18 9.0	1.563	2.478	12.3	22.7
5 11	16 36.63	−17 44.4	1.499	2.472	8.1	22.4
5 21	16 26.45	−17 17.7	1.460	2.465	3.6	22.1
5 31	16 15.33	−16 51.3	1.448	2.458	2.7	22.0
6 10	16 4.59	−16 28.4	1.462	2.450	7.1	22.3
6 20	15 55.41	−16 12.2	1.501	2.441	11.6	22.5
6 30	15 48.69	−16 5.2	1.563	2.431	15.6	22.8

206638 2003 WA_{190} 5 27.7 214°.55 6°.5/30.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.10	−41 45.6	2.515	3.270	13.3	21.1
5 1	16 45.17	−42 23.7	2.420	3.263	11.3	21.0
5 11	16 36.75	−42 48.2	2.345	3.255	9.1	20.8
5 21	16 26.47	−42 55.2	2.295	3.247	7.2	20.7
5 31	16 15.32	−42 42.4	2.272	3.238	6.5	20.6
6 10	16 4.48	−42 10.8	2.275	3.229	7.3	20.7
6 20	15 55.01	−41 23.9	2.304	3.220	9.3	20.8
6 30	15 47.73	−40 27.1	2.358	3.210	11.6	20.9

342030 2008 RE_{106} 5 27.7 278°.54 5°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.34	−32 38.8	1.971	2.774	14.8	20.7
5 1	16 45.26	−33 32.0	1.862	2.749	12.1	20.5
5 11	16 37.25	−34 17.4	1.775	2.723	9.0	20.2
5 21	16 26.85	−34 50.4	1.712	2.698	6.1	20.0
5 31	16 15.07	−35 7.6	1.676	2.672	5.2	19.9
6 10	16 3.25	−35 8.3	1.667	2.645	7.4	20.0
6 20	15 52.74	−34 54.9	1.683	2.619	10.8	20.1
6 30	15 44.68	−34 32.4	1.721	2.592	14.3	20.3

183795 2004 BG_{38} 5 27.7 149°.18 0°.1/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.32	−21 55.7	1.947	2.772	14.2	21.2
5 1	16 43.63	−21 53.5	1.871	2.780	10.9	21.0
5 11	16 35.61	−21 46.7	1.818	2.789	7.1	20.7
5 21	16 25.94	−21 35.4	1.790	2.796	2.9	20.5
5 31	16 15.62	−21 20.5	1.791	2.803	1.4	20.4
6 10	16 5.77	−21 4.3	1.819	2.809	5.6	20.7
6 20	15 57.33	−20 49.3	1.873	2.815	9.5	20.9
6 30	15 51.03	−20 38.4	1.951	2.820	12.9	21.2

23479 1991 CG 5 27.7 161°.16 5°.1/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.35	− 3 19.0	2.915	3.722	10.4	18.5
5 1	16 37.47	− 2 45.6	2.841	3.727	8.4	18.4
5 11	16 31.23	− 2 18.3	2.792	3.732	6.5	18.3
5 21	16 24.06	− 1 59.7	2.769	3.737	5.3	18.2
5 31	16 16.54	− 1 51.9	2.774	3.741	5.4	18.2
6 10	16 9.29	− 1 55.8	2.807	3.745	6.9	18.3
6 20	16 2.82	− 2 11.6	2.867	3.749	8.8	18.5
6 30	15 57.61	− 2 38.6	2.949	3.752	10.8	18.6

21819 1999 TX_{32} 5 27.7 352°.06 0°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.32	−22 8.6	2.060	2.895	13.2	18.3
5 1	16 38.25	−21 57.3	1.978	2.893	10.1	18.1
5 11	16 32.12	−21 41.1	1.918	2.891	6.6	17.9
5 21	16 24.52	−21 20.7	1.883	2.890	2.7	17.7
5 31	16 16.31	−20 57.5	1.876	2.888	1.3	17.6
6 10	16 8.43	−20 34.0	1.896	2.887	5.3	17.8
6 20	16 1.73	−20 12.8	1.941	2.887	9.0	18.0
6 30	15 56.88	−19 56.6	2.010	2.886	12.3	18.3

443786 2015 ME_{89} 5 27.7 251°.09 4°.5/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 41.21	− 8 29.0	2.484	3.311	11.4	21.4
5 1	16 36.94	− 7 48.9	2.400	3.305	9.0	21.2
5 11	16 31.06	− 7 12.2	2.340	3.299	6.6	21.0
5 21	16 24.04	− 6 41.6	2.306	3.293	4.7	20.9
5 31	16 16.54	− 6 19.8	2.300	3.286	4.9	20.9
6 10	16 9.29	− 6 9.0	2.321	3.280	6.9	21.0
6 20	16 2.92	− 6 9.9	2.368	3.274	9.5	21.2
6 30	15 57.98	− 6 22.7	2.437	3.268	11.9	21.3

338516 2003 QT_{49} 5 27.7 295°.13 8°.8/30.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.91	−41 43.8	1.826	2.606	16.7	20.6
5 1	16 45.44	−42 45.9	1.728	2.586	14.4	20.4
5 11	16 37.60	−43 32.8	1.650	2.567	11.8	20.2
5 21	16 27.04	−43 58.1	1.593	2.547	9.6	20.0
5 31	16 15.00	−43 56.9	1.560	2.528	8.8	19.9
6 10	16 3.13	−43 28.7	1.552	2.508	9.9	19.9
6 20	15 53.03	−42 37.9	1.566	2.489	12.4	20.0
6 30	15 45.92	−41 32.3	1.603	2.470	15.3	20.1

109529 2001 QE_{248} 5 27.7 236°.13 1°.8/26.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.54	−17 44.2	2.041	2.871	13.4	20.4
5 1	16 41.55	−17 22.4	1.947	2.859	10.4	20.2
5 11	16 34.34	−16 58.1	1.875	2.847	6.8	19.9
5 21	16 25.47	−16 32.8	1.829	2.833	3.1	19.7
5 31	16 15.83	−16 8.4	1.811	2.820	2.5	19.6
6 10	16 6.43	−15 47.6	1.820	2.806	6.2	19.8
6 20	15 58.21	−15 32.9	1.856	2.791	10.0	20.0
6 30	15 51.92	−15 26.2	1.915	2.776	13.5	20.2

33665 1999 JR_{93} 5 27.7 232°.83 2°.8/26.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.97	−12 40.5	2.472	3.296	11.6	19.1
5 1	16 39.13	−12 29.8	2.381	3.288	9.0	18.9
5 11	16 32.53	−12 21.1	2.313	3.280	6.1	18.7
5 21	16 24.67	−12 15.8	2.272	3.271	3.4	18.5
5 31	16 16.24	−12 15.4	2.260	3.262	3.2	18.5
6 10	16 8.01	−12 21.2	2.275	3.253	5.8	18.6
6 20	16 0.69	−12 33.9	2.318	3.243	8.8	18.8
6 30	15 54.90	−12 54.0	2.384	3.233	11.6	18.9

196857 2003 SL_{268} 5 27.7 141°.84 0°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.97	−24 38.8	2.172	2.994	13.0	21.3
5 1	16 40.90	−24 32.2	2.093	3.000	10.1	21.1
5 11	16 33.75	−24 19.4	2.036	3.005	6.6	20.9
5 21	16 25.17	−24 0.2	2.006	3.011	2.9	20.7
5 31	16 16.02	−23 35.8	2.004	3.016	1.4	20.6
6 10	16 7.27	−23 8.4	2.029	3.021	5.1	20.9
6 20	15 59.75	−22 41.1	2.082	3.025	8.6	21.1
6 30	15 54.13	−22 16.9	2.158	3.030	11.7	21.3

371533 2006 UM_{240} 5 27.7 301°.93 0°.3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.93	−23 13.4	2.912	3.732	10.1	21.6
5 1	16 35.95	−23 5.0	2.805	3.713	7.8	21.4
5 11	16 30.43	−22 52.4	2.723	3.693	5.1	21.2
5 21	16 23.81	−22 35.8	2.668	3.673	2.2	21.0
5 31	16 16.66	−22 16.2	2.641	3.654	1.0	20.9
6 10	16 9.65	−21 55.0	2.643	3.634	4.1	21.1
6 20	16 3.41	−21 34.2	2.673	3.615	7.0	21.2
6 30	15 58.46	−21 15.9	2.727	3.596	9.7	21.4

435829 2008 WF_{70} 5 27.7 65°.32 0°.2/27.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.80	−22 46.8	1.851	2.684	14.5	21.4
5 1	16 40.86	−22 25.1	1.791	2.706	11.0	21.2
5 11	16 33.71	−21 57.4	1.755	2.727	7.1	21.0
5 21	16 25.12	−21 24.9	1.743	2.749	2.9	20.8
5 31	16 16.08	−20 49.7	1.758	2.770	1.4	20.7
6 10	16 7.66	−20 15.0	1.801	2.792	5.6	21.1
6 20	16 0.71	−19 44.3	1.869	2.814	9.4	21.3
6 30	15 55.85	−19 20.2	1.960	2.835	12.6	21.6

300881 2008 AO_{96} 5 27.7 179°.55 5°.6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.55	−38 37.9	2.346	3.124	13.5	20.9
5 1	16 42.38	−39 4.9	2.261	3.124	11.2	20.7
5 11	16 34.87	−39 18.5	2.196	3.124	8.7	20.6
5 21	16 25.68	−39 16.0	2.156	3.125	6.5	20.4
5 31	16 15.77	−38 56.1	2.142	3.125	5.6	20.4
6 10	16 6.25	−38 20.3	2.155	3.124	6.7	20.4
6 20	15 58.10	−37 32.4	2.194	3.124	9.0	20.6
6 30	15 52.05	−36 37.9	2.258	3.124	11.5	20.7

72429 2001 CN_{41} 5 27.7 342°.15 3°.1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.06	−13 33.2	1.565	2.415	15.9	18.4
5 1	16 40.20	−13 35.1	1.486	2.408	12.3	18.2
5 11	16 33.72	−13 40.6	1.428	2.401	8.3	18.0
5 21	16 25.29	−13 51.3	1.393	2.396	4.3	17.7
5 31	16 15.95	−14 8.6	1.383	2.390	3.7	17.6
6 10	16 6.93	−14 33.4	1.399	2.386	7.5	17.9
6 20	15 59.35	−15 5.9	1.439	2.382	11.7	18.1
6 30	15 54.11	−15 46.2	1.500	2.379	15.6	18.3

184811 2005 TX_{127} 5 27.7 124°.98 1°.7/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.54	−27 11.9	2.599	3.410	11.5	21.4
5 1	16 39.53	−27 18.9	2.519	3.418	8.9	21.3
5 11	16 32.74	−27 19.7	2.463	3.426	6.0	21.1
5 21	16 24.74	−27 13.4	2.433	3.434	3.0	20.9
5 31	16 16.25	−27 0.6	2.432	3.442	1.8	20.8
6 10	16 8.10	−26 42.6	2.459	3.449	4.4	21.0
6 20	16 0.98	−26 21.9	2.514	3.456	7.4	21.2
6 30	15 55.47	−26 1.2	2.594	3.463	10.1	21.4

501601 2014 QV_{306} 5 27.7 332°.39 5°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.31	−29 28.0	1.016	1.883	21.1	20.8
5 1	16 40.77	−30 18.1	0.939	1.867	17.0	20.5
5 11	16 35.19	−30 57.5	0.878	1.851	12.3	20.2
5 21	16 26.23	−31 20.6	0.837	1.836	7.4	19.9
5 31	16 15.42	−31 23.4	0.816	1.823	5.7	19.7
6 10	16 4.93	−31 6.7	0.816	1.811	9.6	19.9
6 20	15 56.77	−30 36.1	0.836	1.801	15.0	20.1
6 30	15 52.45	−30 0.4	0.872	1.791	20.0	20.4

37327 2001 QG_{79} 5 27.7 166°.60 2°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.81	−16 2.6	2.064	2.895	13.3	19.3
5 1	16 40.74	−15 15.6	1.986	2.899	10.2	19.1
5 11	16 33.63	−14 26.4	1.932	2.902	6.8	18.9
5 21	16 25.12	−13 37.9	1.903	2.905	3.6	18.7
5 31	16 16.08	−12 53.2	1.903	2.907	3.4	18.6
6 10	16 7.44	−12 15.8	1.931	2.909	6.5	18.8
6 20	16 0.02	−11 48.2	1.984	2.911	10.0	19.1
6 30	15 54.47	−11 32.1	2.060	2.912	13.0	19.3

499238 2009 UC_{133} 5 27.7 198°.89 0°.3/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.19	−22 4.0	2.207	3.029	12.9	23.6
5 1	16 41.85	−21 46.4	2.118	3.026	9.9	23.4
5 11	16 34.41	−21 23.6	2.052	3.022	6.5	23.2
5 21	16 25.48	−20 56.2	2.012	3.017	2.6	22.9
5 31	16 15.90	−20 25.8	2.000	3.012	1.4	22.8
6 10	16 6.65	−19 54.8	2.017	3.006	5.3	23.0
6 20	15 58.58	−19 26.2	2.061	3.000	9.0	23.3
6 30	15 52.37	−19 2.9	2.129	2.993	12.2	23.5

203477 2002 AS_{36} 5 27.7 28°.45 6°.3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.10	− 9 17.1	1.070	1.940	20.1	19.1
5 1	16 41.62	− 8 55.1	1.019	1.949	15.8	18.9
5 11	16 34.85	− 8 42.4	0.986	1.959	11.2	18.6
5 21	16 25.76	− 8 43.2	0.973	1.970	7.2	18.4
5 31	16 15.80	− 9 0.6	0.983	1.983	6.9	18.5
6 10	16 6.62	− 9 35.3	1.014	1.996	10.4	18.7
6 20	15 59.54	−10 25.6	1.066	2.010	14.8	19.0
6 30	15 55.47	−11 28.7	1.137	2.024	18.8	19.3

510789 2013 AB_{109} 5 27.7 214°.04 2°.4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.26	−30 31.8	2.566	3.368	11.8	21.8
5 1	16 40.23	−30 29.8	2.471	3.363	9.4	21.6
5 11	16 33.29	−30 18.9	2.400	3.357	6.5	21.4
5 21	16 25.00	−29 58.0	2.356	3.351	3.7	21.2
5 31	16 16.14	−29 27.7	2.339	3.345	2.5	21.1
6 10	16 7.56	−28 49.9	2.351	3.339	4.8	21.3
6 20	16 0.06	−28 7.7	2.390	3.332	7.7	21.5
6 30	15 54.27	−27 25.1	2.455	3.325	10.5	21.6

295889 2008 WO_{70} 5 27.7 164°.07 0°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.96	−22 53.2	2.055	2.884	13.4	20.9
5 1	16 40.25	−22 35.9	1.973	2.885	10.3	20.7
5 11	16 33.41	−22 12.7	1.914	2.886	6.7	20.5
5 21	16 25.07	−21 44.3	1.881	2.887	2.8	20.3
5 31	16 16.11	−21 12.3	1.876	2.888	1.3	20.2
6 10	16 7.55	−20 39.7	1.898	2.889	5.4	20.4
6 20	16 0.24	−20 9.5	1.946	2.890	9.1	20.7
6 30	15 54.86	−19 44.7	2.018	2.890	12.4	20.9

38507 1999 TD_{192} 5 27.7 330°.78 1°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.29	−28 18.0	1.992	2.819	13.8	17.5
5 1	16 38.42	−27 45.8	1.901	2.809	10.8	17.3
5 11	16 32.33	−27 2.0	1.832	2.800	7.3	17.1
5 21	16 24.65	−26 7.0	1.788	2.791	3.5	16.8
5 31	16 16.31	−25 3.2	1.771	2.783	1.8	16.7
6 10	16 8.35	−23 54.6	1.781	2.775	5.4	16.9
6 20	16 1.68	−22 46.5	1.818	2.767	9.3	17.1
6 30	15 57.01	−21 43.7	1.878	2.760	12.7	17.3

100904 1998 KW_{10} 5 27.7 247°.27 4°.4/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.46	− 8 13.0	2.427	3.251	11.7	20.4
5 1	16 37.97	− 7 44.9	2.341	3.244	9.3	20.2
5 11	16 31.78	− 7 20.9	2.278	3.236	6.7	20.0
5 21	16 24.38	− 7 3.5	2.241	3.229	4.7	19.9
5 31	16 16.44	− 6 55.2	2.232	3.221	4.8	19.9
6 10	16 8.74	− 6 57.4	2.251	3.213	6.9	20.0
6 20	16 1.95	− 7 10.8	2.295	3.205	9.6	20.2
6 30	15 56.65	− 7 35.1	2.362	3.196	12.1	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
15468 Mondriaan			5 27.7 303°35		0°9/28.1 18	
	h m	° ′			°	m
4 21	16 44.64	−24 36.0	2.061	2.888	13.4	18.4
5 1	16 40.09	−24 36.0	1.977	2.887	10.4	18.1
5 11	16 33.36	−24 29.8	1.915	2.885	6.9	17.9
5 21	16 25.07	−24 17.3	1.879	2.884	3.1	17.7
5 31	16 16.11	−23 59.2	1.870	2.882	1.5	17.6
6 10	16 7.49	−23 37.5	1.889	2.881	5.3	17.8
6 20	16 0.11	−23 15.3	1.933	2.880	9.0	18.0
6 30	15 54.68	−22 55.5	2.001	2.878	12.3	18.2
474437 2003 GZ_{56}			5 27.7 52°94		5°7/29.5 16	
4 21	16 49.27	−35 48.9	2.197	2.986	14.0	21.1
5 1	16 43.90	−36 52.0	2.118	2.991	11.5	20.9
5 11	16 36.01	−37 44.8	2.061	2.996	8.8	20.8
5 21	16 26.22	−38 23.2	2.028	3.001	6.5	20.6
5 31	16 15.54	−38 44.4	2.022	3.006	5.7	20.6
6 10	16 5.15	−38 48.6	2.043	3.011	7.1	20.7
6 20	15 56.15	−38 38.5	2.090	3.016	9.5	20.8
6 30	15 49.39	−38 18.8	2.160	3.022	12.1	21.0
328496 2009 PQ_{3}			5 27.7 278°01		1°9/26.9 18	
4 21	16 45.27	−19 28.4	1.664	2.508	15.4	20.9
5 1	16 41.13	−18 48.8	1.570	2.491	11.9	20.7
5 11	16 34.35	−18 3.1	1.498	2.473	7.8	20.4
5 21	16 25.58	−17 13.3	1.450	2.456	3.5	20.1
5 31	16 15.84	−16 23.0	1.429	2.438	2.8	20.0
6 10	16 6.37	−15 36.7	1.433	2.421	7.2	20.2
6 20	15 58.31	−14 58.7	1.462	2.403	11.7	20.4
6 30	15 52.57	−14 32.7	1.512	2.385	15.8	20.6
180762 2004 PC_{14}			5 27.7 309°85		0°1/27.7 18	
4 21	16 42.62	−21 46.9	2.069	2.903	13.1	20.3
5 1	16 38.65	−21 45.0	1.972	2.887	10.2	20.0
5 11	16 32.52	−21 39.2	1.897	2.870	6.7	19.8
5 21	16 24.77	−21 29.4	1.848	2.854	2.8	19.5
5 31	16 16.24	−21 16.8	1.826	2.838	1.4	19.4
6 10	16 7.90	−21 3.1	1.830	2.822	5.5	19.6
6 20	16 0.67	−20 50.7	1.861	2.807	9.3	19.8
6 30	15 55.31	−20 42.2	1.915	2.792	12.8	20.0
366473 2002 GL_{75}			5 27.7 340°72		6°1/26.8 17	
4 21	16 45.50	− 8 15.3	1.227	2.086	18.8	19.6
5 1	16 41.93	− 8 10.1	1.155	2.078	15.0	19.3
5 11	16 35.18	− 8 15.5	1.101	2.071	10.7	19.1
5 21	16 26.00	− 8 35.0	1.069	2.065	6.9	18.8
5 31	16 15.65	− 9 11.1	1.060	2.059	6.5	18.8
6 10	16 5.70	−10 3.9	1.074	2.055	10.1	19.0
6 20	15 57.53	−11 11.3	1.109	2.051	14.6	19.2
6 30	15 52.23	−12 30.3	1.165	2.048	18.8	19.4
357869 2005 UW_{336}			5 27.7 262°66		1°7/26.9 18	
4 21	16 42.13	−17 31.5	2.429	3.259	11.6	21.6
5 1	16 37.80	−17 5.0	2.336	3.249	8.9	21.4
5 11	16 31.71	−16 36.5	2.267	3.239	5.8	21.2
5 21	16 24.37	−16 7.2	2.225	3.229	2.7	21.0
5 31	16 16.47	−15 39.4	2.211	3.219	2.3	20.9
6 10	16 8.81	−15 15.3	2.225	3.209	5.3	21.1
6 20	16 2.09	−14 57.0	2.265	3.199	8.6	21.3
6 30	15 56.91	−14 46.1	2.330	3.189	11.5	21.5
215796 2004 NY_{28}			5 27.7 338°71		9°5/23.9 16	
4 21	16 40.43	+ 1 47.3	1.819	2.644	15.1	19.8
5 1	16 36.94	+ 2 45.3	1.746	2.633	12.8	19.7
5 11	16 31.36	+ 3 30.9	1.693	2.623	10.7	19.5
5 21	16 24.27	+ 3 58.3	1.663	2.614	9.6	19.4
5 31	16 16.52	+ 4 2.9	1.657	2.605	9.9	19.4
6 10	16 9.07	+ 3 43.0	1.674	2.597	11.6	19.5
6 20	16 2.78	+ 2 59.4	1.712	2.590	14.0	19.6
6 30	15 58.34	+ 1 55.1	1.771	2.583	16.4	19.8
405432 2004 TF_{2}			5 27.7 228°94		2°5/28.5 16	
4 21	16 51.01	−27 2.2	1.677	2.501	16.1	22.0
5 1	16 45.76	−27 22.2	1.587	2.493	12.7	21.7
5 11	16 37.50	−27 34.3	1.517	2.483	8.7	21.5
5 21	16 26.93	−27 36.2	1.472	2.473	4.4	21.2
5 31	16 15.20	−27 26.7	1.453	2.462	2.8	21.1
6 10	16 3.78	−27 7.7	1.460	2.451	6.7	21.3
6 20	15 53.99	−26 43.0	1.493	2.440	11.1	21.5
6 30	15 46.85	−26 17.7	1.548	2.427	15.1	21.7
175013 2004 EC_{116}			5 27.7 337°56		4°5/29.1 18	
4 21	16 46.58	−31 52.0	1.975	2.787	14.5	19.5
5 1	16 42.01	−32 37.4	1.889	2.782	11.7	19.3
5 11	16 34.87	−33 13.9	1.825	2.778	8.5	19.1
5 21	16 25.79	−33 38.2	1.786	2.775	5.6	18.9
5 31	16 15.78	−33 48.4	1.772	2.771	4.5	18.9
6 10	16 6.05	−33 44.8	1.786	2.768	6.6	19.0
6 20	15 57.71	−33 30.5	1.824	2.765	9.8	19.2
6 30	15 51.64	−33 9.9	1.885	2.763	12.9	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
520030 2013 VY_{27}			5 27.8 345°30		2°0/28.7 18	
	h m	° ′			°	m
4 21	16 44.46	−29 29.0	1.554	2.390	16.6	20.2
5 1	16 40.67	−28 55.9	1.473	2.386	13.1	20.0
5 11	16 34.06	−28 7.7	1.413	2.382	8.9	19.7
5 21	16 25.43	−27 4.4	1.376	2.379	4.4	19.5
5 31	16 15.99	−25 48.9	1.364	2.376	2.3	19.3
6 10	16 7.11	−24 27.0	1.379	2.373	6.5	19.6
6 20	15 59.95	−23 5.9	1.418	2.371	11.0	19.8
6 30	15 55.35	−21 52.6	1.479	2.370	15.0	20.1
269953 2000 SH_{163}			5 27.8 323°61		0°6/27.5 18	
4 21	16 40.93	−22 4.4	1.343	2.205	17.3	20.0
5 1	16 38.53	−21 42.5	1.250	2.180	13.5	19.7
5 11	16 33.08	−21 12.3	1.176	2.156	8.9	19.3
5 21	16 25.20	−20 34.8	1.125	2.132	3.7	18.9
5 31	16 16.03	−19 52.5	1.097	2.109	2.1	18.8
6 10	16 7.08	−19 10.3	1.093	2.088	7.7	19.0
6 20	15 59.73	−18 33.4	1.111	2.067	13.0	19.3
6 30	15 55.13	−18 6.8	1.148	2.048	17.8	19.5
416693 2004 YU_{20}			5 27.8 188°89		4°0/24.5 18	
4 21	16 35.60	− 1 3.8	4.394	5.194	7.3	20.6
5 1	16 32.02	− 0 40.7	4.317	5.194	6.0	20.5
5 11	16 27.59	− 0 22.8	4.264	5.194	4.8	20.4
5 21	16 22.60	− 0 11.6	4.238	5.194	4.1	20.4
5 31	16 17.39	− 0 8.2	4.240	5.193	4.2	20.4
6 10	16 12.31	− 0 13.3	4.270	5.193	5.1	20.5
6 20	16 7.69	− 0 27.1	4.326	5.193	6.4	20.5
6 30	16 3.83	− 0 49.1	4.406	5.193	7.7	20.6
99352 2001 XW_{119}			5 27.8 47°35		2°2/27.3 18	
4 21	16 47.95	−16 14.9	1.269	2.126	18.4	18.7
5 1	16 43.55	−16 18.8	1.209	2.136	14.2	18.5
5 11	16 36.02	−16 24.0	1.169	2.146	9.3	18.2
5 21	16 26.26	−16 31.4	1.151	2.156	4.2	18.0
5 31	16 15.63	−16 42.2	1.157	2.167	3.0	17.9
6 10	16 5.67	−16 57.6	1.188	2.179	7.8	18.2
6 20	15 57.67	−17 18.8	1.241	2.190	12.6	18.5
6 30	15 52.54	−17 46.7	1.315	2.202	16.8	18.8
384856 2012 SX_{22}			5 27.8 214°34		0°4/27.9 18	
4 21	16 45.93	−24 6.5	2.305	3.124	12.5	22.3
5 1	16 40.86	−23 52.0	2.212	3.118	9.6	22.1
5 11	16 33.78	−23 31.2	2.142	3.111	6.3	21.9
5 21	16 25.26	−23 4.4	2.099	3.104	2.7	21.7
5 31	16 16.10	−22 32.8	2.084	3.096	1.2	21.5
6 10	16 7.23	−21 58.9	2.098	3.089	5.0	21.8
6 20	15 59.48	−21 25.7	2.138	3.080	8.5	22.0
6 30	15 53.53	−20 56.4	2.204	3.071	11.7	22.2
291721 2006 JJ_{29}			5 27.8 346°13		4°2/26.2 17	
4 21	16 44.16	−15 42.4	1.287	2.149	17.9	20.4
5 1	16 40.68	−14 48.0	1.217	2.146	13.9	20.2
5 11	16 34.21	−13 50.8	1.167	2.143	9.3	19.9
5 21	16 25.55	−12 55.3	1.139	2.141	5.1	19.7
5 31	16 15.96	−12 7.1	1.134	2.139	5.0	19.6
6 10	16 6.92	−11 31.4	1.154	2.138	9.2	19.9
6 20	15 59.66	−11 11.9	1.196	2.137	13.8	20.1
6 30	15 55.11	−11 9.8	1.257	2.136	17.9	20.4
147724 2005 MR_{12}			5 27.8 294°87		7°1/26.3 18	
4 21	16 47.14	− 4 34.4	1.565	2.400	16.6	19.3
5 1	16 42.68	− 4 18.6	1.476	2.382	13.5	19.0
5 11	16 35.47	− 4 13.8	1.407	2.363	10.2	18.8
5 21	16 26.12	− 4 24.4	1.361	2.345	7.6	18.6
5 31	16 15.65	− 4 53.6	1.340	2.327	7.5	18.5
6 10	16 5.34	− 5 42.4	1.344	2.309	10.2	18.6
6 20	15 56.41	− 6 49.1	1.371	2.292	14.0	18.8
6 30	15 49.85	− 8 10.9	1.420	2.274	17.6	19.0
93026 2000 RT_{96}			5 27.8 104°73		2°7/29.2 18	
4 21	16 49.78	−31 24.7	2.064	2.868	14.2	18.9
5 1	16 43.83	−31 7.4	1.997	2.889	11.2	18.7
5 11	16 35.62	−30 37.8	1.952	2.909	7.7	18.5
5 21	16 25.95	−29 55.6	1.932	2.929	4.3	18.3
5 31	16 15.84	−29 2.3	1.941	2.948	2.8	18.3
6 10	16 6.40	−28 1.8	1.977	2.967	5.4	18.5
6 20	15 58.51	−26 59.0	2.041	2.985	8.7	18.7
6 30	15 52.78	−25 59.0	2.129	3.002	11.8	18.9
343608 2010 GW_{114}			5 27.8 316°88		3°9/28.9 17	
4 21	16 47.31	−30 22.0	1.965	2.779	14.5	21.2
5 1	16 42.54	−31 3.1	1.879	2.776	11.6	21.0
5 11	16 35.21	−31 36.1	1.815	2.772	8.3	20.8
5 21	16 25.95	−31 58.0	1.776	2.769	5.1	20.6
5 31	16 15.77	−32 7.0	1.763	2.765	4.0	20.5
6 10	16 5.88	−32 3.8	1.777	2.762	6.3	20.6
6 20	15 57.37	−31 51.2	1.816	2.759	9.7	20.8
6 30	15 51.13	−31 33.5	1.878	2.756	13.0	21.0

21646 Joshuaturner 5 27.8 188°.40 5°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.31	− 7 29.3	2.276	3.099	12.5	19.4
5 1	16 39.42	− 6 28.6	2.198	3.099	9.9	19.2
5 11	16 32.73	− 5 31.4	2.144	3.098	7.4	19.0
5 21	16 24.80	− 4 41.4	2.115	3.096	5.6	18.9
5 31	16 16.36	− 4 2.6	2.115	3.094	5.9	18.9
6 10	16 8.24	− 3 37.6	2.141	3.091	8.0	19.1
6 20	16 1.16	− 3 27.7	2.193	3.088	10.6	19.2
6 30	15 55.69	− 3 32.8	2.267	3.085	13.1	19.4

116541 2004 BQ_{62} 5 27.8 139°.28 0°.8/28.1 17

4 21	16 45.17	−24 8.7	2.102	2.928	13.3	20.2
5 1	16 40.43	−24 7.6	2.020	2.929	10.2	20.0
5 11	16 33.56	−24 0.8	1.961	2.931	6.7	19.8
5 21	16 25.18	−23 48.1	1.928	2.933	2.9	19.6
5 31	16 16.17	−23 30.3	1.922	2.934	1.4	19.4
6 10	16 7.52	−23 9.6	1.944	2.936	5.2	19.7
6 20	16 0.10	−22 48.6	1.992	2.937	8.8	19.9
6 30	15 54.60	−22 30.4	2.064	2.939	12.1	20.1

45027 Cosquer 5 27.8 234°.92 2°.7/26.7 18

4 21	16 44.53	−15 3.9	2.020	2.855	13.4	20.0
5 1	16 39.95	−14 39.2	1.936	2.851	10.3	19.8
5 11	16 33.27	−14 14.3	1.875	2.846	6.9	19.5
5 21	16 25.08	−13 51.2	1.839	2.841	3.6	19.3
5 31	16 16.23	−13 32.2	1.831	2.836	3.3	19.3
6 10	16 7.69	−13 19.6	1.849	2.831	6.5	19.5
6 20	16 0.31	−13 15.3	1.893	2.826	10.0	19.7
6 30	15 54.80	−13 20.3	1.961	2.820	13.3	19.9

330321 2006 UV_{97} 5 27.8 156°.48 2°.6/26.6 12 C

4 21	16 47.32	−16 14.3	1.941	2.773	14.0	22.4
5 1	16 42.03	−15 38.9	1.866	2.779	10.7	22.2
5 11	16 34.56	−15 1.9	1.814	2.785	7.1	21.9
5 21	16 25.58	−14 25.5	1.787	2.790	3.6	21.7
5 31	16 16.01	−13 52.6	1.788	2.794	3.2	21.7
6 10	16 6.88	−13 26.3	1.817	2.799	6.6	21.9
6 20	15 59.09	−13 8.8	1.872	2.802	10.2	22.2
6 30	15 53.29	−13 1.7	1.949	2.805	13.5	22.4

28193 1998 WY_{30} 5 27.8 326°.89 6°.6/28.9 18

4 21	16 43.25	−30 33.9	1.055	1.917	20.9	17.9
5 1	16 41.60	−31 39.6	0.973	1.897	17.1	17.5
5 11	16 35.87	−32 36.0	0.908	1.877	12.6	17.2
5 21	16 26.64	−33 16.4	0.862	1.858	8.2	16.9
5 31	16 15.35	−33 34.8	0.837	1.840	6.7	16.7
6 10	16 4.21	−33 30.4	0.832	1.824	10.2	16.9
6 20	15 55.33	−33 7.6	0.847	1.809	15.3	17.1
6 30	15 50.35	−32 35.1	0.880	1.795	20.2	17.3

242666 2005 SB_{57} 5 27.8 308°.42 0°.3/27.6 18

4 21	16 42.47	−21 53.8	2.030	2.865	13.3	20.8
5 1	16 38.54	−21 37.1	1.936	2.851	10.3	20.6
5 11	16 32.45	−21 15.2	1.864	2.838	6.7	20.3
5 21	16 24.78	−20 48.8	1.818	2.824	2.8	20.0
5 31	16 16.37	−20 19.5	1.799	2.811	1.5	19.9
6 10	16 8.21	−19 50.1	1.806	2.798	5.6	20.2
6 20	16 1.20	−19 23.6	1.840	2.785	9.5	20.4
6 30	15 56.08	−19 2.8	1.896	2.772	12.9	20.6

466108 2012 CA_{51} 5 27.8 59°.89 0°.6/27.6 16

4 21	16 47.74	−21 36.6	1.368	2.218	17.7	21.9
5 1	16 43.09	−21 17.4	1.313	2.236	13.6	21.7
5 11	16 35.54	−20 52.2	1.277	2.253	8.8	21.5
5 21	16 26.02	−20 22.2	1.265	2.272	3.6	21.2
5 31	16 15.85	−19 50.1	1.278	2.290	1.9	21.2
6 10	16 6.49	−19 19.9	1.316	2.309	7.0	21.5
6 20	15 59.05	−18 55.5	1.377	2.327	11.6	21.8
6 30	15 54.32	−18 39.9	1.460	2.346	15.5	22.1

174663 2003 SY_{216} 5 27.8 152°.27 2°.0/26.9 18

4 21	16 48.77	−17 42.4	1.965	2.793	14.0	21.3
5 1	16 43.10	−17 10.5	1.891	2.802	10.7	21.1
5 11	16 35.24	−16 36.0	1.840	2.811	7.0	20.9
5 21	16 25.86	−16 0.8	1.815	2.819	3.3	20.7
5 31	16 15.91	−15 27.4	1.818	2.826	2.7	20.6
6 10	16 6.44	−14 58.8	1.848	2.832	6.3	20.9
6 20	15 58.33	−14 37.6	1.906	2.838	10.0	21.1
6 30	15 52.26	−14 25.8	1.986	2.843	13.2	21.3

69375 1994 VG_{1} 5 27.8 229°.67 2°.4/26.5 18

4 21	16 44.43	−16 43.8	2.304	3.132	12.2	20.1
5 1	16 39.64	−16 2.2	2.211	3.123	9.4	19.9
5 11	16 32.97	−15 17.9	2.142	3.112	6.2	19.7
5 21	16 24.95	−14 33.0	2.099	3.102	3.2	19.5
5 31	16 16.33	−13 50.4	2.085	3.091	2.9	19.4
6 10	16 7.97	−13 13.2	2.099	3.079	6.0	19.6
6 20	16 0.64	−12 43.8	2.139	3.067	9.3	19.8
6 30	15 54.97	−12 24.3	2.204	3.055	12.3	20.0

287279 2002 TT_{169} 5 27.8 211°.52 3°.9/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.95	−33 15.7	2.148	2.943	14.0	21.6
5 1	16 45.14	−33 27.1	2.053	2.936	11.3	21.4
5 11	16 36.79	−33 26.7	1.979	2.928	8.2	21.2
5 21	16 26.59	−33 12.1	1.931	2.920	5.2	21.0
5 31	16 15.53	−32 42.6	1.909	2.910	4.0	20.9
6 10	16 4.82	−32 0.1	1.916	2.900	6.1	21.0
6 20	15 55.52	−31 9.1	1.950	2.889	9.4	21.2
6 30	15 48.46	−30 15.2	2.008	2.878	12.6	21.4

80868 2000 DX_{28} 5 27.8 130°.19 0°.1/27.7 17

4 21	16 48.86	−22 17.5	1.859	2.687	14.6	21.2
5 1	16 43.37	−22 5.6	1.787	2.699	11.2	21.0
5 11	16 35.50	−21 48.1	1.738	2.709	7.3	20.8
5 21	16 25.99	−21 25.7	1.714	2.720	3.0	20.5
5 31	16 15.87	−20 59.8	1.718	2.730	1.5	20.5
6 10	16 6.28	−20 33.3	1.749	2.740	5.8	20.8
6 20	15 58.17	−20 9.3	1.806	2.749	9.8	21.0
6 30	15 52.25	−19 50.9	1.886	2.757	13.2	21.2

333915 1999 TR_{115} 5 27.8 257°.15 0°.8/27.4 17 R

4 21	16 45.91	−20 55.0	2.218	3.043	12.7	21.0
5 1	16 41.04	−20 31.0	2.112	3.022	9.8	20.8
5 11	16 34.04	−20 2.1	2.030	3.001	6.4	20.5
5 21	16 25.46	−19 28.9	1.974	2.980	2.7	20.2
5 31	16 16.08	−18 53.3	1.946	2.957	1.7	20.1
6 10	16 6.88	−18 18.1	1.946	2.935	5.6	20.3
6 20	15 58.73	−17 46.3	1.973	2.911	9.4	20.5
6 30	15 52.39	−17 21.1	2.024	2.887	12.8	20.7

41984 2000 YQ_{26} 5 27.8 228°.75 5°.5/24.8 18

4 21	16 45.07	− 5 53.7	2.486	3.300	11.8	19.7
5 1	16 39.97	− 5 4.3	2.392	3.286	9.5	19.5
5 11	16 33.13	− 4 19.1	2.323	3.271	7.2	19.3
5 21	16 25.01	− 3 41.4	2.279	3.256	5.6	19.2
5 31	16 16.31	− 3 14.5	2.264	3.239	5.9	19.2
6 10	16 7.80	− 3 0.8	2.276	3.222	7.8	19.3
6 20	16 0.18	− 3 1.3	2.315	3.204	10.3	19.4
6 30	15 54.06	− 3 15.8	2.376	3.186	12.8	19.6

217807 2000 XK_{44} 5 27.8 239°.49 3°.3/28.3 17 A

4 21	17 2.86	−26 1.8	1.460	2.275	18.6	21.7
5 1	16 56.09	−26 50.5	1.352	2.252	14.9	21.3
5 11	16 45.13	−27 35.7	1.265	2.228	10.4	21.0
5 21	16 30.50	−28 11.9	1.201	2.201	5.4	20.7
5 31	16 13.51	−28 33.8	1.164	2.173	3.7	20.5
6 10	15 56.23	−28 39.6	1.154	2.142	8.5	20.7
6 20	15 40.76	−28 32.5	1.170	2.109	14.2	20.9
6 30	15 28.80	−28 19.3	1.207	2.075	19.3	21.1

445251 2009 QU_{53} 5 27.8 246°.57 2°.0/26.6 18

4 21	16 40.96	−16 9.6	2.817	3.642	10.3	21.9
5 1	16 36.67	−15 39.7	2.723	3.633	7.9	21.7
5 11	16 30.89	−15 8.5	2.654	3.623	5.2	21.5
5 21	16 24.06	−14 37.6	2.612	3.614	2.6	21.4
5 31	16 16.78	−14 8.9	2.598	3.604	2.4	21.3
6 10	16 9.71	−13 44.5	2.614	3.594	4.9	21.5
6 20	16 3.42	−13 26.0	2.656	3.584	7.7	21.6
6 30	15 58.45	−13 14.9	2.723	3.574	10.2	21.8

381840 2009 WE_{88} 5 27.8 30°.53 2°.9/28.3 17

4 21	16 49.25	−24 52.3	1.494	2.332	17.1	20.2
5 1	16 44.53	−25 54.3	1.426	2.340	13.3	20.0
5 11	16 36.74	−26 52.4	1.379	2.348	9.1	19.8
5 21	16 26.65	−27 42.7	1.355	2.357	4.7	19.5
5 31	16 15.53	−28 22.3	1.357	2.366	3.2	19.5
6 10	16 4.89	−28 50.5	1.385	2.376	7.0	19.7
6 20	15 56.05	−29 9.4	1.437	2.386	11.2	20.0
6 30	15 50.00	−29 22.8	1.510	2.397	15.0	20.2

135204 2001 RW_{56} 5 27.8 196°.64 5°.1/25.3 18

4 21	16 42.55	− 8 16.4	2.220	3.049	12.5	19.8
5 1	16 38.15	− 7 27.9	2.143	3.048	9.9	19.6
5 11	16 31.96	− 6 43.1	2.089	3.047	7.3	19.4
5 21	16 24.53	− 6 5.4	2.061	3.046	5.3	19.3
5 31	16 16.58	− 5 38.1	2.060	3.045	5.5	19.3
6 10	16 8.95	− 5 23.5	2.086	3.044	7.6	19.5
6 20	16 2.34	− 5 22.7	2.137	3.043	10.4	19.6
6 30	15 57.35	− 5 35.5	2.211	3.042	13.0	19.8

224493 2005 WS_{7} 5 27.8 147°.28 1°.9/26.9 17

4 21	16 46.75	−17 30.2	2.139	2.966	13.0	21.2
5 1	16 41.42	−17 3.5	2.064	2.975	10.0	21.0
5 11	16 34.09	−16 34.7	2.013	2.984	6.5	20.8
5 21	16 25.39	−16 5.6	1.987	2.991	3.0	20.6
5 31	16 16.19	−15 38.2	1.990	2.998	2.5	20.6
6 10	16 7.39	−15 15.2	2.021	3.005	5.8	20.8
6 20	15 59.81	−14 58.5	2.078	3.011	9.2	21.0
6 30	15 54.07	−14 50.0	2.160	3.017	12.3	21.2

29209 1991 RV_7 5 27.8 262°.05 4°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.45	−12 41.1	1.540	2.384	16.4	19.0
5 1	16 43.01	−11 57.4	1.449	2.367	12.9	18.7
5 11	16 35.74	−11 13.8	1.379	2.349	9.0	18.5
5 21	16 26.28	−10 34.3	1.332	2.330	5.5	18.2
5 31	16 15.70	−10 3.1	1.311	2.312	5.5	18.2
6 10	16 5.35	− 9 44.6	1.315	2.292	9.1	18.3
6 20	15 56.45	− 9 41.2	1.343	2.273	13.5	18.5
6 30	15 50.02	− 9 54.0	1.391	2.253	17.5	18.7

259086 2002 VA_{55} 5 27.8 224°.31 0°.9/28.1 17

4 21	16 47.96	−25 21.1	1.914	2.738	14.4	21.0
5 1	16 42.90	−25 5.9	1.822	2.730	11.2	20.8
5 11	16 35.37	−24 42.2	1.753	2.722	7.5	20.5
5 21	16 26.03	−24 9.9	1.709	2.714	3.3	20.3
5 31	16 15.87	−23 30.5	1.692	2.705	1.5	20.1
6 10	16 6.06	−22 47.1	1.703	2.695	5.8	20.4
6 20	15 57.64	−22 3.9	1.740	2.685	9.9	20.6
6 30	15 51.41	−21 25.4	1.800	2.675	13.6	20.8

490172 2008 UJ_{253} 5 27.8 248°.57 0°.7/27.5 17

4 21	16 45.42	−20 56.7	2.064	2.894	13.3	22.2
5 1	16 40.75	−20 39.7	1.971	2.883	10.3	21.9
5 11	16 33.88	−20 18.2	1.900	2.872	6.7	21.7
5 21	16 25.40	−19 52.9	1.855	2.860	2.8	21.4
5 31	16 16.18	−19 25.5	1.837	2.849	1.6	21.3
6 10	16 7.22	−18 58.6	1.847	2.837	5.7	21.6
6 20	15 59.43	−18 35.0	1.883	2.825	9.5	21.8
6 30	15 53.57	−18 17.5	1.943	2.812	12.9	21.9

258988 2002 TB_{32} 5 27.8 250°.33 0°.1/27.7 17

4 21	16 48.27	−22 13.6	1.941	2.768	14.2	21.6
5 1	16 43.22	−22 2.9	1.839	2.750	11.0	21.3
5 11	16 35.67	−21 46.7	1.760	2.731	7.3	21.0
5 21	16 26.22	−21 25.0	1.706	2.711	3.0	20.7
5 31	16 15.79	−20 58.9	1.679	2.691	1.5	20.6
6 10	16 5.54	−20 31.1	1.680	2.671	6.0	20.8
6 20	15 56.55	−20 4.9	1.707	2.649	10.3	21.0
6 30	15 49.70	−19 43.8	1.757	2.627	14.0	21.2

36390 2000 OV_{39} 5 27.8 235°.51 8°.8/22.8 18

4 21	16 44.62	+ 1 25.1	2.166	2.973	13.6	19.5
5 1	16 39.87	+ 2 43.3	2.084	2.960	11.5	19.4
5 11	16 33.17	+ 3 52.6	2.025	2.946	9.7	19.2
5 21	16 25.08	+ 4 47.5	1.990	2.932	8.8	19.1
5 31	16 16.36	+ 5 22.9	1.981	2.918	9.3	19.1
6 10	16 7.86	+ 5 36.1	1.997	2.903	10.9	19.2
6 20	16 0.39	+ 5 26.6	2.036	2.887	13.1	19.3
6 30	15 54.60	+ 4 56.0	2.095	2.871	15.4	19.4

142068 2002 QA_{36} 5 27.8 214°.44 0°.3/27.7 18

4 21	16 48.89	−21 18.4	2.059	2.882	13.6	21.4
5 1	16 43.43	−21 14.5	1.966	2.874	10.5	21.1
5 11	16 35.64	−21 6.6	1.895	2.866	6.9	20.9
5 21	16 26.15	−20 54.7	1.851	2.857	2.9	20.6
5 31	16 15.85	−20 39.8	1.835	2.847	1.4	20.5
6 10	16 5.81	−20 23.8	1.847	2.837	5.6	20.7
6 20	15 57.01	−20 9.3	1.885	2.826	9.6	21.0
6 30	15 50.24	−19 59.0	1.948	2.814	13.0	21.2

192812 1999 VO_{69} 5 27.8 215°.71 0°.3/27.7 18

4 21	16 45.77	−21 54.3	2.196	3.021	12.8	21.4
5 1	16 40.85	−21 40.4	2.106	3.015	9.9	21.2
5 11	16 33.85	−21 21.9	2.039	3.010	6.4	20.9
5 21	16 25.37	−20 59.0	1.998	3.004	2.7	20.7
5 31	16 16.23	−20 33.3	1.985	2.997	1.3	20.6
6 10	16 7.39	−20 7.0	2.000	2.990	5.2	20.8
6 20	15 59.69	−19 43.0	2.042	2.983	8.9	21.0
6 30	15 53.81	−19 23.9	2.108	2.976	12.1	21.2

204563 2005 EO_{281} 5 27.8 199°.99 2°.0/27.0 18

4 21	16 45.19	−15 50.3	2.172	3.002	12.8	20.4
5 1	16 40.34	−15 40.4	2.088	3.000	9.8	20.2
5 11	16 33.48	−15 30.5	2.028	2.998	6.5	20.0
5 21	16 25.21	−15 21.9	1.993	2.996	3.1	19.8
5 31	16 16.32	−15 16.0	1.986	2.994	2.6	19.8
6 10	16 7.72	−15 14.5	2.007	2.992	5.8	20.0
6 20	16 0.22	−15 18.5	2.055	2.989	9.2	20.2
6 30	15 54.49	−15 29.2	2.126	2.986	12.3	20.4

433002 2012 QU_{31} 5 27.8 188°.28 0°.3/27.7 18

4 21	16 45.24	−22 36.6	2.052	2.881	13.4	21.4
5 1	16 40.51	−22 11.8	1.969	2.881	10.3	21.2
5 11	16 33.65	−21 40.9	1.909	2.880	6.7	21.0
5 21	16 25.28	−21 4.7	1.874	2.880	2.8	20.8
5 31	16 16.30	−20 25.4	1.867	2.879	1.4	20.6
6 10	16 7.70	−19 46.2	1.887	2.878	5.5	20.9
6 20	16 0.35	−19 10.3	1.934	2.877	9.2	21.1
6 30	15 54.93	−18 40.9	2.005	2.876	12.5	21.3

183090 2002 RC_{81} 5 27.8 276°.08 2°.1/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.91	−26 22.8	1.627	2.460	16.2	20.9
5 1	16 43.53	−26 37.2	1.533	2.445	12.7	20.6
5 11	16 36.18	−26 43.9	1.460	2.429	8.7	20.3
5 21	16 26.52	−26 41.0	1.411	2.414	4.3	20.0
5 31	16 15.67	−26 27.8	1.388	2.398	2.5	19.9
6 10	16 5.05	−26 6.3	1.390	2.383	6.7	20.1
6 20	15 55.99	−25 40.4	1.417	2.367	11.3	20.3
6 30	15 49.53	−25 15.1	1.465	2.351	15.4	20.5

64764 2001 XU_{175} 5 27.8 308°.82 3°.4/26.4 18

4 21	16 42.69	−12 14.0	2.154	2.988	12.7	19.7
5 1	16 38.42	−11 52.0	2.071	2.984	9.9	19.5
5 11	16 32.24	−11 32.1	2.011	2.979	6.8	19.3
5 21	16 24.71	−11 16.6	1.977	2.975	4.0	19.1
5 31	16 16.58	−11 7.5	1.970	2.970	3.9	19.1
6 10	16 8.72	−11 6.6	1.990	2.966	6.6	19.3
6 20	16 1.91	−11 15.0	2.035	2.962	9.7	19.4
6 30	15 56.79	−11 32.9	2.104	2.958	12.7	19.6

198040 2004 RT_{266} 5 27.8 272°.45 3°.0/28.9 17

4 21	16 47.28	−29 32.9	1.855	2.675	15.0	21.5
5 1	16 42.72	−29 45.1	1.758	2.660	11.9	21.3
5 11	16 35.47	−29 47.4	1.683	2.645	8.4	21.0
5 21	16 26.17	−29 37.8	1.633	2.631	4.7	20.8
5 31	16 15.85	−29 15.7	1.608	2.616	3.2	20.6
6 10	16 5.80	−28 43.1	1.610	2.601	6.3	20.8
6 20	15 57.16	−28 4.0	1.638	2.585	10.2	21.0
6 30	15 50.89	−27 23.9	1.688	2.570	13.9	21.2

263479 2008 EF_{78} 5 27.8 344°.64 3°.3/28.9 16

4 21	16 45.66	−30 2.7	2.228	3.039	13.1	20.9
5 1	16 40.95	−30 35.3	2.143	3.037	10.4	20.7
5 11	16 34.03	−31 0.2	2.079	3.036	7.4	20.5
5 21	16 25.49	−31 15.4	2.041	3.035	4.4	20.4
5 31	16 16.20	−31 19.8	2.030	3.033	3.4	20.3
6 10	16 7.19	−31 14.2	2.046	3.032	5.6	20.4
6 20	15 59.37	−31 1.1	2.089	3.031	8.7	20.6
6 30	15 53.51	−30 44.1	2.156	3.031	11.6	20.8

521156 2015 FP_{407} 5 27.8 184°.50 3°.3/26.3 17

4 21	16 44.86	−13 37.8	2.184	3.014	12.7	21.8
5 1	16 40.00	−13 1.6	2.103	3.014	9.8	21.7
5 11	16 33.21	−12 25.7	2.046	3.014	6.7	21.5
5 21	16 25.09	−11 52.5	2.015	3.013	3.8	21.3
5 31	16 16.42	−11 24.7	2.011	3.012	3.7	21.3
6 10	16 8.07	−11 4.9	2.035	3.011	6.5	21.4
6 20	16 0.82	−10 54.7	2.086	3.009	9.7	21.6
6 30	15 55.30	−10 55.0	2.159	3.007	12.6	21.8

262295 Jeffrich 5 27.8 116°.06 0°.4/27.7 17

4 21	16 48.82	−21 42.8	1.757	2.590	15.2	22.1
5 1	16 43.46	−21 29.3	1.689	2.602	11.7	21.9
5 11	16 35.63	−21 10.7	1.642	2.615	7.6	21.7
5 21	16 26.11	−20 47.5	1.621	2.627	3.1	21.5
5 31	16 15.96	−20 21.6	1.626	2.638	1.6	21.4
6 10	16 6.37	−19 55.8	1.658	2.649	6.0	21.7
6 20	15 58.35	−19 33.3	1.716	2.660	10.1	21.9
6 30	15 52.61	−19 17.2	1.797	2.671	13.6	22.2

9692 Kuperus 5 27.8 257°.40 1°.5/27.2 17

4 21	16 47.04	−19 5.4	1.828	2.662	14.6	20.7
5 1	16 42.34	−18 42.9	1.730	2.646	11.3	20.4
5 11	16 35.13	−18 16.4	1.655	2.628	7.4	20.1
5 21	16 26.02	−17 47.3	1.605	2.610	3.3	19.8
5 31	16 15.94	−17 17.5	1.582	2.592	2.3	19.7
6 10	16 6.08	−16 50.4	1.585	2.573	6.6	20.0
6 20	15 57.51	−16 29.1	1.614	2.554	10.9	20.2
6 30	15 51.12	−16 16.3	1.666	2.535	14.8	20.4

346104 2007 VE_{65} 5 27.8 102°.10 0°.4/27.9 17

4 21	16 45.76	−22 32.5	2.250	3.073	12.6	21.4
5 1	16 40.69	−22 38.8	2.176	3.084	9.7	21.3
5 11	16 33.65	−22 41.2	2.125	3.094	6.3	21.1
5 21	16 25.27	−22 39.5	2.100	3.105	2.7	20.9
5 31	16 16.35	−22 34.2	2.103	3.116	1.2	20.8
6 10	16 7.81	−22 26.8	2.135	3.126	4.9	21.0
6 20	16 0.44	−22 19.3	2.193	3.136	8.3	21.3
6 30	15 54.86	−22 13.9	2.276	3.146	11.3	21.5

43156 1999 XF_{120} 5 27.8 224°.98 1°.2/28.3 18

4 21	16 45.96	−26 14.9	2.078	2.900	13.5	18.7
5 1	16 41.17	−26 2.0	1.989	2.895	10.5	18.5
5 11	16 34.15	−25 40.8	1.923	2.891	7.0	18.2
5 21	16 25.53	−25 11.2	1.882	2.886	3.2	18.0
5 31	16 16.22	−24 34.4	1.868	2.880	1.6	17.9
6 10	16 7.26	−23 53.3	1.883	2.875	5.3	18.1
6 20	15 59.57	−23 11.8	1.923	2.869	9.1	18.3
6 30	15 53.88	−22 33.6	1.988	2.863	12.4	18.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
20078 1994 CO_{16}			5 27.8 151°.19		4°.0/26.5 17	
	h m	° ′			°	m
4 21	16 48.00	−12 36.6	1.684	2.522	15.5	19.0
5 1	16 42.91	−12 7.9	1.612	2.527	12.0	18.8
5 11	16 35.34	−11 41.4	1.562	2.531	8.2	18.6
5 21	16 26.03	−11 19.9	1.537	2.535	4.8	18.4
5 31	16 16.00	−11 6.2	1.538	2.539	4.6	18.4
6 10	16 6.44	−11 2.8	1.565	2.543	7.8	18.6
6 20	15 58.37	−11 10.8	1.616	2.546	11.6	18.8
6 30	15 52.54	−11 30.4	1.690	2.548	15.1	19.0
512545 2016 SG_{10}			5 27.8 237°.71		4°.9/30.2 18	
4 21	16 47.44	−36 59.1	2.415	3.197	13.0	22.1
5 1	16 42.32	−37 21.7	2.320	3.189	10.7	21.9
5 11	16 34.93	−37 32.3	2.247	3.182	8.2	21.7
5 21	16 25.87	−37 28.2	2.199	3.174	5.9	21.6
5 31	16 16.06	−37 8.2	2.177	3.166	5.0	21.5
6 10	16 6.54	−36 33.7	2.183	3.157	6.3	21.6
6 20	15 58.28	−35 48.3	2.216	3.149	8.7	21.7
6 30	15 52.02	−34 56.9	2.273	3.140	11.4	21.9
206924 2004 PP_{102}			5 27.8 287°.67		3°.8/28.9 17	
4 21	16 48.91	−29 57.6	1.427	2.261	18.0	20.5
5 1	16 45.07	−30 10.1	1.323	2.232	14.5	20.2
5 11	16 37.68	−30 10.2	1.238	2.203	10.3	19.8
5 21	16 27.33	−29 54.2	1.175	2.174	5.8	19.5
5 31	16 15.27	−29 20.1	1.136	2.144	3.9	19.3
6 10	16 3.23	−28 30.2	1.121	2.114	7.9	19.4
6 20	15 52.95	−27 30.8	1.130	2.084	13.1	19.6
6 30	15 45.78	−26 30.2	1.159	2.054	18.0	19.8
150318 1999 VB_{43}			5 27.8 254°.54		0°.8/27.4 18	
4 21	16 43.11	−19 39.9	2.725	3.546	10.7	21.0
5 1	16 38.49	−19 27.7	2.622	3.530	8.2	20.8
5 11	16 32.20	−19 12.9	2.542	3.513	5.4	20.6
5 21	16 24.70	−18 56.1	2.490	3.496	2.3	20.4
5 31	16 16.62	−18 38.5	2.467	3.478	1.4	20.3
6 10	16 8.70	−18 21.8	2.472	3.460	4.6	20.5
6 20	16 1.60	−18 7.8	2.505	3.442	7.7	20.6
6 30	15 55.92	−17 58.2	2.563	3.424	10.5	20.8
458418 2011 AM_{12}			5 27.8 291°.43		24°.8/21.0 16	
4 21	17 4.89	+36 14.4	1.568	2.185	24.8	23.3
5 1	16 58.11	+38 49.5	1.480	2.129	25.1	23.1
5 11	16 46.85	+40 55.7	1.404	2.071	25.7	23.0
5 21	16 31.46	+42 16.7	1.339	2.010	26.7	22.9
5 31	16 13.18	+42 36.3	1.284	1.947	28.1	22.7
6 10	15 54.11	+41 44.1	1.240	1.881	29.9	22.6
6 20	15 36.54	+39 37.3	1.205	1.813	32.0	22.6
6 30	15 22.37	+36 21.1	1.178	1.743	34.3	22.5
499343 2009 WL_{224}			5 27.8 138°.08		0°.1/27.8 17	
4 21	16 47.67	−24 26.1	2.284	3.100	12.7	21.9
5 1	16 42.01	−23 48.9	2.208	3.112	9.7	21.7
5 11	16 34.43	−23 4.2	2.156	3.124	6.3	21.5
5 21	16 25.57	−22 13.3	2.130	3.135	2.6	21.3
5 31	16 16.28	−21 18.5	2.134	3.146	1.2	21.2
6 10	16 7.48	−20 23.4	2.167	3.157	4.9	21.5
6 20	15 59.93	−19 31.7	2.227	3.166	8.4	21.7
6 30	15 54.20	−18 46.7	2.312	3.175	11.4	21.9
96310 1996 XA_{26}			5 27.8 311°.04		3°.1/27.3 18	
4 21	16 47.11	−13 0.3	1.479	2.327	16.7	19.5
5 1	16 43.33	−13 16.0	1.369	2.290	13.3	19.2
5 11	16 36.42	−13 38.5	1.280	2.253	9.1	18.8
5 21	16 26.82	−14 9.3	1.213	2.217	4.7	18.5
5 31	16 15.52	−14 49.4	1.172	2.180	3.8	18.3
6 10	16 3.95	−15 38.9	1.155	2.144	8.4	18.4
6 20	15 53.62	−16 37.3	1.162	2.108	13.6	18.6
6 30	15 45.86	−17 43.8	1.190	2.073	18.5	18.8
98520 2000 VC_{29}			5 27.8 272°.08		2°.5/27.1 18	
4 21	16 48.08	−16 31.6	1.600	2.442	16.0	19.7
5 1	16 43.59	−16 17.2	1.502	2.420	12.5	19.4
5 11	16 36.23	−16 1.8	1.424	2.398	8.4	19.1
5 21	16 26.59	−15 46.9	1.371	2.375	4.0	18.8
5 31	16 15.71	−15 34.6	1.343	2.352	3.2	18.7
6 10	16 4.93	−15 27.6	1.341	2.328	7.7	18.9
6 20	15 55.56	−15 28.4	1.363	2.304	12.4	19.1
6 30	15 48.63	−15 39.0	1.407	2.280	16.7	19.3
185536 2007 XS_{3}			5 27.8 252°.64		0°.9/27.4 18	
4 21	16 44.59	−19 23.4	2.140	2.971	12.9	20.6
5 1	16 40.01	−19 15.4	2.052	2.965	9.9	20.4
5 11	16 33.36	−19 4.9	1.986	2.958	6.5	20.1
5 21	16 25.23	−18 52.5	1.946	2.952	2.7	19.9
5 31	16 16.41	−18 39.7	1.934	2.945	1.7	19.8
6 10	16 7.87	−18 28.2	1.949	2.938	5.5	20.0
6 20	16 0.44	−18 20.0	1.991	2.932	9.1	20.2
6 30	15 54.82	−18 17.2	2.056	2.925	12.4	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
310590 2001 UE_{212}			5 27.8 283°.60		2°.9/28.5 17	
	h m	° ′			°	m
4 21	16 49.17	−26 46.1	1.409	2.249	17.8	21.1
5 1	16 45.16	−27 12.5	1.313	2.227	14.2	20.8
5 11	16 37.68	−27 31.4	1.236	2.205	9.8	20.5
5 21	16 27.33	−27 39.7	1.181	2.183	5.1	20.2
5 31	16 15.35	−27 35.3	1.150	2.160	3.2	20.0
6 10	16 3.44	−27 19.5	1.145	2.138	7.7	20.2
6 20	15 53.27	−26 56.3	1.162	2.115	12.9	20.4
6 30	15 46.17	−26 31.8	1.200	2.093	17.7	20.6
179450 2002 AU_{170}			5 27.8 221°.54		3°.7/26.2 18	
4 21	16 43.26	− 9 58.8	2.558	3.380	11.3	20.7
5 1	16 38.56	− 9 38.0	2.470	3.374	8.8	20.5
5 11	16 32.22	− 9 20.5	2.407	3.368	6.2	20.3
5 21	16 24.71	− 9 8.1	2.370	3.362	4.1	20.2
5 31	16 16.69	− 9 2.7	2.361	3.356	4.0	20.2
6 10	16 8.89	− 9 5.7	2.380	3.349	6.2	20.3
6 20	16 1.97	− 9 17.8	2.426	3.342	8.9	20.4
6 30	15 56.48	− 9 38.9	2.496	3.334	11.4	20.6
291780 2006 KO_{38}			5 27.8 59°.78		4°.3/25.4 18	
4 21	16 49.67	−23 32.0	1.032	1.896	21.1	19.7
5 1	16 45.32	−20 56.4	0.971	1.903	16.2	19.4
5 11	16 37.33	−17 58.8	0.931	1.911	10.5	19.1
5 21	16 26.89	−14 49.9	0.913	1.918	5.2	18.8
5 31	16 15.74	−11 45.9	0.921	1.926	5.7	18.9
6 10	16 5.71	− 9 3.9	0.953	1.934	11.0	19.2
6 20	15 58.15	− 6 55.6	1.008	1.943	16.3	19.5
6 30	15 53.88	− 5 25.4	1.080	1.951	20.8	19.8
501322 2013 WD_{108}			5 27.8 227°.47		2°.3/26.8 18	
4 21	16 46.51	−16 3.6	2.222	3.048	12.6	22.5
5 1	16 41.40	−15 40.3	2.127	3.036	9.8	22.3
5 11	16 34.25	−15 15.7	2.055	3.025	6.5	22.1
5 21	16 25.61	−14 51.6	2.009	3.012	3.2	21.8
5 31	16 16.26	−14 29.9	1.992	2.999	2.8	21.8
6 10	16 7.14	−14 13.0	2.003	2.985	6.0	22.0
6 20	15 59.08	−14 2.8	2.041	2.971	9.5	22.1
6 30	15 52.78	−14 1.0	2.102	2.956	12.7	22.3
343393 2010 CE_{156}			5 27.8 31°.01		4°.9/29.5 17	
4 21	16 46.84	−32 22.4	1.613	2.436	16.7	20.7
5 1	16 42.59	−32 59.1	1.545	2.445	13.4	20.5
5 11	16 35.43	−33 23.5	1.498	2.454	9.7	20.3
5 21	16 26.16	−33 32.3	1.474	2.465	6.3	20.1
5 31	16 16.03	−33 24.3	1.475	2.475	4.9	20.0
6 10	16 6.48	−33 1.5	1.501	2.487	7.2	20.2
6 20	15 58.72	−32 28.5	1.551	2.498	10.7	20.4
6 30	15 53.61	−31 51.4	1.622	2.511	14.1	20.7
61864 2000 QL_{208}			5 27.8 259°.78		2°.7/28.8 18	
4 21	16 45.98	−28 52.1	2.306	3.117	12.7	19.8
5 1	16 41.15	−29 17.1	2.214	3.110	10.1	19.6
5 11	16 34.17	−29 35.1	2.145	3.104	7.0	19.4
5 21	16 25.60	−29 44.5	2.101	3.098	4.0	19.2
5 31	16 16.28	−29 44.4	2.085	3.091	2.8	19.1
6 10	16 7.19	−29 35.8	2.097	3.085	5.3	19.3
6 20	15 59.23	−29 21.1	2.135	3.078	8.5	19.5
6 30	15 53.14	−29 3.7	2.198	3.071	11.5	19.7
6601 Schmeer			5 27.8 288°.95		0°.2/27.8 18	
4 21	16 47.18	−21 28.4	1.556	2.399	16.3	17.4
5 1	16 43.16	−21 27.7	1.453	2.372	12.8	17.1
5 11	16 36.11	−21 22.5	1.371	2.346	8.5	16.8
5 21	16 26.62	−21 12.4	1.312	2.319	3.6	16.5
5 31	16 15.74	−20 58.2	1.279	2.292	1.8	16.3
6 10	16 4.90	−20 42.2	1.271	2.264	7.1	16.5
6 20	15 55.50	−20 27.8	1.287	2.237	12.2	16.7
6 30	15 48.69	−20 18.9	1.325	2.210	16.8	16.9
505540 2013 YW_{82}			5 27.8 150°.85		3°.4/29.5 17	
4 21	16 47.95	−32 41.4	2.256	3.055	13.3	21.7
5 1	16 42.58	−32 45.9	2.174	3.061	10.7	21.5
5 11	16 35.01	−32 39.2	2.115	3.066	7.6	21.3
5 21	16 25.90	−32 19.9	2.080	3.071	4.7	21.1
5 31	16 16.18	−31 48.0	2.073	3.075	3.5	21.1
6 10	16 6.90	−31 6.0	2.094	3.080	5.5	21.2
6 20	15 58.95	−30 17.8	2.142	3.083	8.5	21.4
6 30	15 53.02	−29 28.3	2.214	3.087	11.4	21.6
123090 2000 SQ_{328}			5 27.8 193°.00		6°.7/24.2 18	
4 21	16 44.30	− 5 42.2	2.063	2.889	13.5	20.5
5 1	16 39.64	− 4 27.8	1.988	2.887	10.9	20.3
5 11	16 33.03	− 3 18.1	1.937	2.886	8.4	20.1
5 21	16 25.07	− 2 18.1	1.911	2.884	6.8	20.0
5 31	16 16.57	− 1 32.3	1.911	2.882	7.2	20.0
6 10	16 8.41	− 1 4.0	1.938	2.880	9.2	20.1
6 20	16 1.37	− 0 54.4	1.989	2.877	11.9	20.3
6 30	15 56.08	− 1 2.9	2.061	2.874	14.4	20.5

325009 2008 BM_{45} 5 27.8 162°.62 1°.2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.69	−18 5.8	1.846	2.676	14.7	21.3
5 1	16 44.14	−18 7.1	1.768	2.680	11.3	21.1
5 11	16 36.16	−18 7.3	1.713	2.684	7.4	20.8
5 21	16 26.42	−18 6.7	1.682	2.688	3.2	20.6
5 31	16 15.93	−18 6.4	1.680	2.691	2.0	20.5
6 10	16 5.84	−18 7.7	1.705	2.693	6.2	20.8
6 20	15 57.18	−18 12.4	1.756	2.696	10.2	21.0
6 30	15 50.70	−18 22.2	1.830	2.697	13.7	21.3

115008 2003 QC_{78} 5 27.8 260°.09 4°.8/29.7 18

4 21	16 49.08	−34 54.5	2.203	2.995	13.8	19.6
5 1	16 43.92	−35 22.8	2.098	2.976	11.3	19.4
5 11	16 36.21	−35 39.9	2.015	2.958	8.5	19.2
5 21	16 26.53	−35 42.8	1.957	2.938	5.9	19.0
5 31	16 15.83	−35 29.5	1.925	2.919	4.8	18.9
6 10	16 5.31	−35 1.1	1.920	2.899	6.6	18.9
6 20	15 56.07	−34 20.8	1.942	2.878	9.6	19.1
6 30	15 49.02	−33 34.2	1.987	2.858	12.7	19.2

135485 2001 XH_{1} 5 27.8 151°.51 0°.5/27.9 18

4 21	16 51.03	−22 33.2	1.648	2.479	16.1	20.1
5 1	16 45.51	−22 40.2	1.574	2.486	12.4	19.9
5 11	16 37.21	−22 42.3	1.520	2.492	8.2	19.7
5 21	16 26.88	−22 38.6	1.491	2.497	3.4	19.4
5 31	16 15.71	−22 29.8	1.489	2.502	1.6	19.3
6 10	16 5.05	−22 17.8	1.514	2.506	6.3	19.6
6 20	15 56.05	−22 5.8	1.564	2.510	10.7	19.8
6 30	15 49.58	−21 57.2	1.636	2.513	14.6	20.1

43008 1999 UD_{31} 5 27.8 295°.37 1°.4/27.4 18

4 21	16 45.73	−19 22.3	1.448	2.299	16.8	19.2
5 1	16 42.09	−19 8.4	1.353	2.277	13.1	18.9
5 11	16 35.41	−18 50.5	1.279	2.255	8.7	18.6
5 21	16 26.31	−18 29.7	1.227	2.234	3.8	18.2
5 31	16 15.91	−18 8.0	1.201	2.212	2.5	18.1
6 10	16 5.67	−17 48.8	1.199	2.191	7.7	18.3
6 20	15 56.97	−17 35.5	1.220	2.170	12.8	18.6
6 30	15 50.94	−17 31.5	1.262	2.149	17.4	18.8

491291 2011 VT_{18} 5 27.8 166°.86 1°.9/28.9 17

4 21	16 44.50	−29 37.5	2.632	3.436	11.5	21.5
5 1	16 39.57	−29 22.3	2.545	3.438	9.0	21.3
5 11	16 32.88	−28 58.2	2.481	3.440	6.2	21.1
5 21	16 24.98	−28 25.0	2.444	3.442	3.3	20.9
5 31	16 16.62	−27 43.9	2.435	3.444	2.0	20.9
6 10	16 8.61	−26 57.3	2.455	3.445	4.4	21.0
6 20	16 1.64	−26 8.4	2.503	3.446	7.4	21.2
6 30	15 56.29	−25 20.9	2.576	3.447	10.1	21.4

264632 2001 WZ_{48} 5 27.8 268°.48 1°.5/27.2 17

4 21	16 45.57	−19 20.3	1.744	2.584	14.9	20.8
5 1	16 41.23	−18 56.6	1.658	2.576	11.5	20.6
5 11	16 34.40	−18 28.8	1.594	2.568	7.6	20.3
5 21	16 25.74	−17 58.4	1.555	2.560	3.3	20.0
5 31	16 16.25	−17 27.8	1.542	2.552	2.3	19.9
6 10	16 7.09	−17 0.3	1.555	2.544	6.6	20.2
6 20	15 59.32	−16 39.1	1.593	2.536	10.8	20.4
6 30	15 53.75	−16 26.8	1.654	2.528	14.6	20.6

317453 2002 QK_{146} 5 27.8 304°.78 0°.4/27.9 17

4 21	16 45.09	−22 56.4	1.903	2.736	14.2	20.9
5 1	16 40.71	−22 56.8	1.818	2.732	11.0	20.7
5 11	16 33.99	−22 52.2	1.755	2.727	7.2	20.4
5 21	16 25.55	−22 42.3	1.717	2.723	3.1	20.2
5 31	16 16.34	−22 28.1	1.706	2.718	1.4	20.0
6 10	16 7.45	−22 11.5	1.721	2.714	5.6	20.3
6 20	15 59.86	−21 55.5	1.762	2.710	9.7	20.5
6 30	15 54.36	−21 42.9	1.827	2.706	13.2	20.7

302859 2003 GY_{37} 5 27.8 345°.20 2°.0/28.3 17

4 21	16 43.55	−24 26.7	1.702	2.543	15.2	19.6
5 1	16 39.97	−25 4.1	1.617	2.533	11.9	19.4
5 11	16 33.76	−25 37.7	1.552	2.524	8.0	19.1
5 21	16 25.54	−26 5.5	1.512	2.515	3.9	18.9
5 31	16 16.32	−26 26.1	1.497	2.508	2.3	18.7
6 10	16 7.34	−26 40.0	1.508	2.502	6.2	19.0
6 20	15 59.75	−26 48.8	1.544	2.496	10.4	19.2
6 30	15 54.48	−26 55.6	1.601	2.491	14.1	19.4

162489 2000 PX_{19} 5 27.8 253°.68 5°.3/29.5 17

4 21	16 51.61	−33 30.1	1.659	2.469	16.9	20.4
5 1	16 46.66	−34 3.7	1.563	2.455	13.8	20.1
5 11	16 38.41	−34 24.9	1.488	2.439	10.2	19.9
5 21	16 27.56	−34 29.2	1.436	2.424	6.7	19.6
5 31	16 15.34	−34 13.7	1.409	2.408	5.4	19.5
6 10	16 3.38	−33 39.8	1.407	2.391	7.8	19.6
6 20	15 53.15	−32 52.4	1.430	2.374	11.7	19.8
6 30	15 45.84	−31 59.0	1.475	2.357	15.6	20.0

384796 2012 QT_{25} 5 27.8 214°.45 2°.8/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.21	−15 48.8	1.960	2.798	13.6	21.4
5 1	16 39.77	−15 11.0	1.881	2.796	10.5	21.2
5 11	16 33.22	−14 31.8	1.824	2.795	7.0	21.0
5 21	16 25.19	−13 53.6	1.792	2.794	3.7	20.7
5 31	16 16.53	−13 19.4	1.788	2.793	3.4	20.7
6 10	16 8.24	−12 52.4	1.810	2.792	6.6	20.9
6 20	16 1.16	−12 34.8	1.858	2.790	10.2	21.1
6 30	15 55.99	−12 28.0	1.929	2.789	13.4	21.3

253497 2003 ST_{107} 5 27.8 172°.88 1°.9/26.9 17

4 21	16 47.87	−19 9.3	1.729	2.565	15.2	20.8
5 1	16 42.85	−18 29.5	1.651	2.568	11.7	20.6
5 11	16 35.35	−17 44.9	1.596	2.569	7.6	20.3
5 21	16 26.09	−16 57.8	1.565	2.570	3.4	20.1
5 31	16 16.12	−16 11.3	1.562	2.571	2.7	20.0
6 10	16 6.62	−15 29.8	1.585	2.572	6.8	20.3
6 20	15 58.62	−14 56.7	1.634	2.572	10.9	20.5
6 30	15 52.88	−14 34.8	1.705	2.572	14.6	20.7

388936 2008 SC_{237} 5 27.8 151°.54 2°.3/26.6 17

4 21	16 45.12	−16 53.7	2.180	3.010	12.7	22.1
5 1	16 40.19	−16 12.3	2.103	3.015	9.8	21.9
5 11	16 33.34	−15 28.7	2.050	3.021	6.4	21.8
5 21	16 25.19	−14 45.0	2.023	3.026	3.2	21.6
5 31	16 16.54	−14 4.2	2.024	3.030	2.9	21.5
6 10	16 8.28	−13 29.3	2.053	3.035	6.0	21.7
6 20	16 1.17	−13 2.7	2.109	3.038	9.3	22.0
6 30	15 55.81	−12 46.1	2.188	3.042	12.3	22.2

353119 2009 FJ_{26} 5 27.8 219°.12 0°.9/27.4 18

4 21	16 44.48	−19 16.7	2.378	3.204	11.9	21.3
5 1	16 39.71	−19 6.0	2.288	3.199	9.2	21.1
5 11	16 33.08	−18 52.9	2.222	3.193	6.0	20.9
5 21	16 25.12	−18 38.1	2.182	3.188	2.5	20.7
5 31	16 16.56	−18 22.9	2.171	3.182	1.6	20.6
6 10	16 8.26	−18 9.1	2.187	3.176	5.1	20.8
6 20	16 0.96	−17 58.6	2.231	3.169	8.4	21.0
6 30	15 55.30	−17 53.1	2.299	3.163	11.4	21.2

414423 2009 DS_{7} 5 27.8 72°.60 2°.5/28.7 17

4 21	16 50.03	−27 40.4	1.381	2.219	18.2	21.3
5 1	16 45.16	−27 45.7	1.320	2.234	14.2	21.1
5 11	16 37.11	−27 39.9	1.279	2.248	9.6	20.8
5 21	16 26.85	−27 21.3	1.261	2.263	4.8	20.6
5 31	16 15.80	−26 51.0	1.267	2.278	2.8	20.5
6 10	16 5.54	−26 12.7	1.299	2.292	6.9	20.8
6 20	15 57.35	−25 32.2	1.354	2.307	11.5	21.1
6 30	15 52.08	−24 55.2	1.431	2.321	15.4	21.4

509833 2008 XK_{41} 5 27.8 265°.41 2°.5/29.1 18

4 21	16 48.09	−30 31.1	2.193	2.999	13.4	22.2
5 1	16 43.00	−30 20.1	2.081	2.975	10.7	21.9
5 11	16 35.52	−29 57.7	1.991	2.950	7.5	21.7
5 21	16 26.23	−29 22.7	1.927	2.924	4.1	21.4
5 31	16 16.03	−28 35.2	1.890	2.898	2.7	21.3
6 10	16 6.02	−27 38.0	1.882	2.872	5.6	21.4
6 20	15 57.22	−26 35.7	1.901	2.845	9.3	21.6
6 30	15 50.46	−25 33.6	1.944	2.817	12.8	21.7

478299 2011 WW_{24} 5 27.8 201°.04 0°.3/27.7 18

4 21	16 44.16	−20 39.0	2.852	3.668	10.4	22.4
5 1	16 39.17	−20 37.8	2.759	3.664	8.0	22.2
5 11	16 32.59	−20 34.1	2.691	3.660	5.2	22.0
5 21	16 24.89	−20 28.2	2.650	3.655	2.1	21.8
5 31	16 16.69	−20 20.7	2.638	3.650	1.1	21.7
6 10	16 8.70	−20 12.9	2.656	3.645	4.2	21.9
6 20	16 1.54	−20 6.2	2.702	3.639	7.2	22.1
6 30	15 55.77	−20 2.2	2.773	3.633	9.8	22.3

239625 2008 UR_{358} 5 27.8 172°.41 3°.6/26.0 17

4 21	16 44.39	−12 40.0	2.274	3.102	12.3	21.7
5 1	16 39.56	−11 56.4	2.195	3.104	9.6	21.5
5 11	16 32.92	−11 13.5	2.140	3.106	6.6	21.3
5 21	16 25.03	−10 33.9	2.111	3.107	4.0	21.2
5 31	16 16.64	−10 0.7	2.111	3.108	4.0	21.2
6 10	16 8.58	− 9 36.3	2.138	3.109	6.6	21.3
6 20	16 1.58	− 9 22.5	2.191	3.110	9.6	21.5
6 30	15 56.21	− 9 20.1	2.267	3.110	12.3	21.7

89436 2001 WE_{46} 5 27.8 297°.39 0°.5/28.0 17

4 21	16 43.91	−23 42.1	2.099	2.928	13.2	19.9
5 1	16 39.62	−23 36.4	2.010	2.921	10.2	19.7
5 11	16 33.19	−23 25.1	1.943	2.914	6.7	19.5
5 21	16 25.21	−23 8.2	1.901	2.906	2.9	19.2
5 31	16 16.54	−22 46.7	1.887	2.899	1.3	19.1
6 10	16 8.15	−22 22.8	1.900	2.893	5.2	19.3
6 20	16 0.93	−21 59.3	1.939	2.886	9.0	19.5
6 30	15 55.59	−21 39.3	2.002	2.879	12.3	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
140112 2001 SK_{137}			5 27.8 357°.70		0°.5/28.0 18	
	h m	° ′			°	m
4 21	16 44.13	−23 35.7	1.982	2.814	13.7	20.0
5 1	16 39.84	−23 29.6	1.901	2.813	10.6	19.8
5 11	16 33.34	−23 17.6	1.841	2.813	7.0	19.6
5 21	16 25.27	−23 0.0	1.807	2.812	3.0	19.3
5 31	16 16.53	−22 37.8	1.800	2.812	1.3	19.2
6 10	16 8.15	−22 13.6	1.820	2.812	5.4	19.5
6 20	16 1.03	−21 50.2	1.865	2.813	9.2	19.7
6 30	15 55.89	−21 30.7	1.934	2.813	12.6	19.9
106372 2000 VJ_{11}			5 27.8 124°.19		0°.1/27.8 18	
4 21	16 44.03	−22 16.8	2.605	3.424	11.2	20.4
5 1	16 39.12	−22 6.9	2.528	3.434	8.6	20.3
5 11	16 32.56	−21 53.1	2.474	3.444	5.6	20.1
5 21	16 24.87	−21 35.6	2.448	3.454	2.3	19.9
5 31	16 16.75	−21 15.8	2.451	3.463	1.1	19.8
6 10	16 8.97	−20 55.3	2.482	3.472	4.4	20.1
6 20	16 2.17	−20 36.3	2.541	3.481	7.4	20.3
6 30	15 56.89	−20 20.7	2.624	3.490	10.1	20.5
50515 2000 DS_{105}			5 27.8 244°.12		2°.9/26.9 18	
4 21	16 46.99	−14 48.9	1.771	2.609	14.8	19.2
5 1	16 42.27	−14 31.0	1.685	2.600	11.5	18.9
5 11	16 35.08	−14 13.5	1.620	2.592	7.7	18.7
5 21	16 26.05	−13 58.4	1.580	2.583	4.0	18.4
5 31	16 16.16	−13 48.0	1.567	2.573	3.5	18.4
6 10	16 6.56	−13 44.5	1.580	2.564	7.2	18.6
6 20	15 58.28	−13 49.6	1.619	2.554	11.2	18.8
6 30	15 52.18	−14 4.3	1.679	2.544	14.8	19.0
208408 2001 SD_{234}			5 27.8 302°.29		3°.4/28.8 17	
4 21	16 46.73	−29 2.3	1.999	2.816	14.2	19.9
5 1	16 42.17	−29 41.2	1.905	2.805	11.3	19.6
5 11	16 35.10	−30 13.2	1.834	2.794	8.0	19.4
5 21	16 26.11	−30 35.8	1.787	2.783	4.7	19.2
5 31	16 16.13	−30 47.2	1.767	2.772	3.5	19.1
6 10	16 6.34	−30 47.8	1.774	2.762	6.1	19.2
6 20	15 57.83	−30 39.9	1.807	2.751	9.6	19.4
6 30	15 51.50	−30 27.6	1.863	2.741	13.0	19.6
113397 2002 SH_{22}			5 27.8 247°.75		0°.3/27.9 18	
4 21	16 45.45	−22 29.6	2.138	2.964	13.0	20.1
5 1	16 40.76	−22 30.0	2.047	2.957	10.1	19.9
5 11	16 33.93	−22 26.1	1.980	2.950	6.6	19.6
5 21	16 25.55	−22 17.8	1.938	2.943	2.8	19.4
5 31	16 16.44	−22 5.8	1.923	2.936	1.3	19.2
6 10	16 7.59	−21 51.9	1.937	2.928	5.2	19.5
6 20	15 59.90	−21 38.4	1.977	2.921	9.0	19.7
6 30	15 54.07	−21 27.9	2.040	2.913	12.3	19.9
437030 2012 TB_{299}			5 27.8 306°.62		1°.4/27.3 17	
4 21	16 43.96	−19 28.7	1.833	2.674	14.3	21.5
5 1	16 39.88	−19 6.0	1.748	2.666	11.0	21.2
5 11	16 33.47	−18 39.4	1.685	2.659	7.2	21.0
5 21	16 25.38	−18 10.3	1.646	2.652	3.1	20.7
5 31	16 16.52	−17 41.1	1.634	2.645	2.2	20.6
6 10	16 7.99	−17 14.8	1.649	2.639	6.2	20.9
6 20	16 0.76	−16 54.2	1.689	2.632	10.3	21.1
6 30	15 55.58	−16 41.9	1.751	2.626	13.9	21.3
478192 2011 UB_{244}			5 27.8 313°.01		1°.1/27.2 16	
4 21	16 42.66	−22 15.4	2.053	2.887	13.2	20.6
5 1	16 38.62	−21 18.3	1.961	2.877	10.2	20.4
5 11	16 32.51	−20 12.9	1.893	2.867	6.6	20.2
5 21	16 24.93	−19 1.4	1.851	2.857	2.8	19.9
5 31	16 16.75	−17 47.7	1.837	2.848	2.0	19.8
6 10	16 8.90	−16 36.5	1.850	2.838	5.8	20.1
6 20	16 2.24	−15 32.3	1.890	2.829	9.6	20.3
6 30	15 57.42	−14 39.0	1.953	2.821	13.0	20.5
331207 2011 BM_{34}			5 27.8 285°.42		5°.5/25.7 18	
4 21	16 44.49	−10 8.1	1.697	2.539	15.2	20.4
5 1	16 40.47	− 9 20.4	1.607	2.521	12.1	20.2
5 11	16 33.99	− 8 35.0	1.538	2.504	8.7	19.9
5 21	16 25.65	− 7 56.2	1.494	2.486	5.9	19.7
5 31	16 16.38	− 7 28.4	1.475	2.469	6.1	19.7
6 10	16 7.34	− 7 15.1	1.481	2.451	9.1	19.8
6 20	15 59.56	− 7 18.2	1.511	2.433	12.8	20.0
6 30	15 53.93	− 7 37.9	1.562	2.416	16.3	20.2
464228 2015 BX_{296}			5 27.8 80°.30		8°.8/24.5 17	
4 21	16 45.55	− 0 3.8	1.821	2.640	15.3	21.4
5 1	16 40.60	+ 1 4.8	1.774	2.661	12.6	21.2
5 11	16 33.62	+ 2 1.3	1.748	2.681	10.3	21.1
5 21	16 25.32	+ 2 40.4	1.746	2.701	8.9	21.1
5 31	16 16.62	+ 2 58.2	1.769	2.721	9.1	21.1
6 10	16 8.49	+ 2 53.3	1.816	2.740	10.8	21.3
6 20	16 1.70	+ 2 27.1	1.886	2.760	13.1	21.4
6 30	15 56.85	+ 1 42.5	1.976	2.779	15.3	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
472994 2015 HJ_{22}			5 27.8 47°.42		1°.6/27.3 17	
	h m	° ′			°	m
4 21	16 45.53	−17 44.4	1.696	2.538	15.2	21.1
5 1	16 41.06	−17 39.7	1.630	2.549	11.6	20.9
5 11	16 34.18	−17 34.1	1.586	2.560	7.6	20.7
5 21	16 25.64	−17 28.5	1.566	2.572	3.3	20.5
5 31	16 16.46	−17 24.3	1.573	2.583	2.3	20.4
6 10	16 7.77	−17 23.3	1.606	2.595	6.3	20.7
6 20	16 0.56	−17 27.3	1.663	2.608	10.3	20.9
6 30	15 55.54	−17 37.6	1.743	2.620	13.8	21.2
393162 2013 CY_{25}			5 27.8 245°.18		2°.9/29.3 18	
4 21	16 45.32	−31 24.4	2.432	3.235	12.4	21.0
5 1	16 40.54	−31 27.1	2.337	3.227	9.9	20.8
5 11	16 33.73	−31 20.0	2.265	3.219	7.0	20.6
5 21	16 25.45	−31 2.1	2.218	3.212	4.1	20.4
5 31	16 16.52	−30 33.5	2.199	3.204	2.9	20.3
6 10	16 7.88	−29 56.1	2.208	3.196	5.1	20.5
6 20	16 0.36	−29 13.3	2.244	3.187	8.1	20.6
6 30	15 54.64	−28 29.1	2.305	3.179	11.0	20.8
512285 2016 GK_{129}			5 27.8 19°.38		1°.6/27.3 17	
4 21	16 42.84	−19 35.1	1.133	2.004	19.1	20.8
5 1	16 40.03	−19 15.1	1.076	2.011	14.7	20.5
5 11	16 33.99	−18 50.7	1.038	2.019	9.6	20.2
5 21	16 25.66	−18 24.1	1.021	2.028	4.1	20.0
5 31	16 16.45	−17 58.6	1.027	2.038	2.7	19.9
6 10	16 7.97	−17 38.1	1.055	2.050	8.0	20.2
6 20	16 1.51	−17 26.2	1.105	2.062	13.0	20.6
6 30	15 57.97	−17 25.2	1.175	2.076	17.4	20.8
32762 1981 ER_{32}			5 27.8 168°.57		3°.4/25.7 18	
4 21	16 42.51	− 9 29.7	3.135	3.949	9.6	20.7
5 1	16 37.63	− 8 54.4	3.056	3.954	7.5	20.6
5 11	16 31.46	− 8 21.4	3.001	3.958	5.4	20.4
5 21	16 24.42	− 7 52.8	2.974	3.962	3.7	20.3
5 31	16 17.03	− 7 30.5	2.977	3.965	3.8	20.3
6 10	16 9.89	− 7 16.1	3.008	3.968	5.5	20.4
6 20	16 3.48	− 7 10.4	3.066	3.970	7.6	20.6
6 30	15 58.25	− 7 13.7	3.149	3.971	9.7	20.7
38462 1999 TL_{21}			5 27.8 104°.72		0°.1/27.8 18	
4 21	16 43.88	−22 1.0	2.474	3.296	11.6	19.7
5 1	16 39.11	−21 51.2	2.398	3.306	8.9	19.5
5 11	16 32.61	−21 37.3	2.346	3.316	5.8	19.3
5 21	16 24.93	−21 20.1	2.321	3.326	2.4	19.1
5 31	16 16.81	−21 0.5	2.324	3.336	1.1	19.0
6 10	16 9.04	−20 40.6	2.355	3.346	4.5	19.3
6 20	16 2.29	−20 22.3	2.414	3.355	7.7	19.5
6 30	15 57.14	−20 7.9	2.497	3.365	10.5	19.7
393656 2004 RJ_{6}			5 27.8 280°.48		0°.3/27.7 18	
4 21	16 45.93	−19 37.1	2.555	3.374	11.4	20.7
5 1	16 40.96	−19 51.8	2.440	3.346	8.8	20.5
5 11	16 34.05	−20 5.6	2.349	3.318	5.8	20.2
5 21	16 25.65	−20 18.3	2.284	3.290	2.4	19.9
5 31	16 16.42	−20 30.0	2.249	3.261	1.2	19.8
6 10	16 7.20	−20 41.1	2.242	3.232	4.8	20.0
6 20	15 58.80	−20 52.7	2.263	3.202	8.3	20.2
6 30	15 51.94	−21 6.2	2.310	3.173	11.4	20.3
359420 2010 LF_{10}			5 27.8 241°.12		3°.8/25.7 18	
4 21	16 42.07	−10 2.0	2.718	3.540	10.7	21.6
5 1	16 37.62	− 9 24.5	2.624	3.528	8.4	21.4
5 11	16 31.63	− 8 49.0	2.555	3.515	6.0	21.2
5 21	16 24.55	− 8 17.8	2.513	3.503	4.1	21.1
5 31	16 16.97	− 7 53.5	2.499	3.490	4.2	21.1
6 10	16 9.58	− 7 38.1	2.513	3.476	6.2	21.2
6 20	16 2.98	− 7 32.6	2.553	3.463	8.7	21.3
6 30	15 57.71	− 7 37.6	2.618	3.449	11.2	21.5
337677 2001 TJ_{200}			5 27.8 112°.92		1°.9/28.8 18	
4 21	16 48.25	−28 5.7	2.965	3.759	10.6	22.0
5 1	16 42.15	−28 24.8	2.895	3.784	8.2	21.9
5 11	16 34.44	−28 37.7	2.851	3.808	5.6	21.7
5 21	16 25.65	−28 43.6	2.834	3.831	3.0	21.6
5 31	16 16.49	−28 42.4	2.846	3.854	2.0	21.5
6 10	16 7.68	−28 35.0	2.889	3.876	4.1	21.7
6 20	15 59.87	−28 23.5	2.960	3.897	6.6	21.9
6 30	15 53.58	−28 10.2	3.057	3.918	9.0	22.1
103023 1999 XD_{110}			5 27.8 152°.05		0°.4/27.7 17	
4 21	16 49.12	−21 54.9	1.884	2.711	14.5	21.1
5 1	16 43.66	−21 38.2	1.808	2.719	11.2	20.9
5 11	16 35.82	−21 16.1	1.754	2.725	7.3	20.6
5 21	16 26.33	−20 49.2	1.726	2.732	3.0	20.4
5 31	16 16.18	−20 19.3	1.725	2.737	1.5	20.3
6 10	16 6.50	−19 49.4	1.752	2.743	5.8	20.6
6 20	15 58.27	−19 22.6	1.805	2.747	9.8	20.8
6 30	15 52.21	−19 2.1	1.881	2.751	13.3	21.0

435366 2007 VV_{290} 5 27.8 304.°86 0.°5/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.67	−21 32.8	1.803	2.643	14.5	21.3
5 1	16 39.97	−21 16.4	1.699	2.617	11.3	21.0
5 11	16 33.77	−20 54.2	1.617	2.591	7.5	20.7
5 21	16 25.62	−20 27.0	1.559	2.565	3.1	20.4
5 31	16 16.44	−19 56.4	1.527	2.539	1.7	20.3
6 10	16 7.39	−19 25.4	1.522	2.514	6.3	20.5
6 20	15 59.57	−18 57.8	1.541	2.488	10.8	20.7
6 30	15 53.89	−18 36.9	1.583	2.463	14.8	20.9

375898 2009 VU_{91} 5 27.8 170.°17 4.°5/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.53	−10 49.7	2.179	3.005	12.8	21.5
5 1	16 40.50	− 9 54.2	2.102	3.009	10.0	21.4
5 11	16 33.57	− 9 0.2	2.050	3.012	7.1	21.2
5 21	16 25.36	− 8 11.2	2.023	3.014	4.8	21.0
5 31	16 16.63	− 7 30.7	2.025	3.016	5.0	21.0
6 10	16 8.26	− 7 1.8	2.054	3.017	7.4	21.2
6 20	16 1.01	− 6 46.1	2.108	3.018	10.3	21.4
6 30	15 55.47	− 6 44.0	2.186	3.019	13.0	21.6

94440 2001 TH_{65} 5 27.8 294.°60 0.°6/27.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.13	−21 32.8	1.315	2.167	18.2	19.5
5 1	16 44.37	−21 55.1	1.226	2.150	14.3	19.2
5 11	16 37.19	−22 14.9	1.157	2.133	9.5	18.9
5 21	16 27.20	−22 30.9	1.109	2.116	4.1	18.5
5 31	16 15.67	−22 42.1	1.086	2.099	1.9	18.3
6 10	16 4.29	−22 49.5	1.087	2.082	7.7	18.6
6 20	15 54.68	−22 55.6	1.111	2.066	13.2	18.9
6 30	15 48.12	−23 4.1	1.154	2.050	18.0	19.1

222494 2001 SV_{251} 5 27.8 242.°18 1.°8/27.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.73	−18 11.3	2.019	2.849	13.6	21.4
5 1	16 41.85	−17 43.3	1.922	2.835	10.5	21.1
5 11	16 34.73	−17 12.0	1.849	2.821	6.9	20.9
5 21	16 25.93	−16 39.0	1.802	2.806	3.2	20.6
5 31	16 16.33	−16 6.5	1.782	2.791	2.5	20.6
6 10	16 6.97	−15 37.6	1.789	2.775	6.3	20.8
6 20	15 58.77	−15 15.2	1.823	2.759	10.1	21.0
6 30	15 52.53	−15 1.6	1.880	2.742	13.6	21.1

66993 1999 XJ_{107} 5 27.8 290.°39 3.°2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.30	−28 1.7	1.859	2.680	14.9	19.2
5 1	16 43.52	−28 42.6	1.772	2.674	11.8	19.0
5 11	16 36.06	−29 17.0	1.705	2.668	8.3	18.8
5 21	16 26.55	−29 42.2	1.664	2.661	4.7	18.5
5 31	16 16.03	−29 56.1	1.649	2.655	3.4	18.4
6 10	16 5.75	−29 59.3	1.661	2.649	6.3	18.6
6 20	15 56.89	−29 54.3	1.698	2.643	10.1	18.8
6 30	15 50.37	−29 45.0	1.758	2.637	13.6	19.0

32906 1994 RH 5 27.8 191.°91 8.°2/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.88	−47 24.1	2.527	3.237	14.3	21.2
5 1	16 53.84	−48 12.2	2.433	3.235	12.5	21.0
5 11	16 42.72	−48 43.5	2.359	3.232	10.6	20.9
5 21	16 29.28	−48 52.3	2.309	3.227	8.9	20.8
5 31	16 14.79	−48 35.1	2.285	3.222	8.2	20.7
6 10	16 0.75	−47 52.5	2.288	3.215	8.7	20.7
6 20	15 48.52	−46 48.9	2.317	3.207	10.3	20.8
6 30	15 39.05	−45 31.8	2.370	3.197	12.3	20.9

475482 2006 SQ_{193} 5 27.8 334.°72 0.°9/28.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.33	−24 16.2	1.755	2.595	14.9	21.6
5 1	16 39.64	−24 16.2	1.670	2.586	11.6	21.4
5 11	16 33.47	−24 9.6	1.605	2.578	7.7	21.1
5 21	16 25.45	−23 56.2	1.565	2.570	3.4	20.9
5 31	16 16.58	−23 36.9	1.550	2.563	1.6	20.7
6 10	16 8.02	−23 14.0	1.562	2.556	5.9	21.0
6 20	16 0.84	−22 51.0	1.598	2.550	10.1	21.2
6 30	15 55.87	−22 31.3	1.657	2.544	13.9	21.4

102009 1999 RF_{82} 5 27.8 251.°78 1.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.23	−26 39.8	2.608	3.420	11.4	20.3
5 1	16 39.54	−26 34.9	2.507	3.407	8.9	20.1
5 11	16 33.02	−26 23.4	2.429	3.393	6.0	19.9
5 21	16 25.18	−26 4.9	2.377	3.379	2.9	19.6
5 31	16 16.72	−25 39.9	2.354	3.365	1.6	19.5
6 10	16 8.46	−25 10.5	2.360	3.351	4.5	19.7
6 20	16 1.15	−24 39.0	2.393	3.337	7.7	19.9
6 30	15 55.42	−24 8.7	2.451	3.322	10.6	20.0

184208 2004 PR_{94} 5 27.8 328.°97 2.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.05	−14 29.5	1.926	2.768	13.6	19.4
5 1	16 38.33	−14 16.9	1.838	2.756	10.6	19.2
5 11	16 32.46	−14 5.5	1.771	2.744	7.1	19.0
5 21	16 25.00	−13 56.9	1.730	2.732	3.7	18.7
5 31	16 16.79	−13 53.2	1.715	2.721	3.3	18.7
6 10	16 8.81	−13 56.2	1.726	2.710	6.6	18.8
6 20	16 1.95	−14 7.0	1.762	2.700	10.3	19.0
6 30	15 56.97	−14 26.3	1.821	2.691	13.6	19.2

327852 2006 XN_{50} 5 27.8 247.°94 7.°0/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.46	− 3 39.8	1.858	2.680	14.9	21.1
5 1	16 42.48	− 3 8.2	1.772	2.668	12.2	20.9
5 11	16 35.17	− 2 45.6	1.708	2.656	9.4	20.7
5 21	16 26.14	− 2 36.2	1.668	2.644	7.3	20.6
5 31	16 16.27	− 2 43.3	1.653	2.631	7.4	20.5
6 10	16 6.63	− 3 8.6	1.665	2.617	9.7	20.6
6 20	15 58.20	− 3 51.4	1.701	2.604	12.7	20.8
6 30	15 51.79	− 4 49.9	1.758	2.590	15.7	21.0

303887 2005 TV_{79} 5 27.8 206.°32 0.°6/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.15	−21 51.3	2.545	3.367	11.3	20.9
5 1	16 38.57	−21 18.0	2.456	3.365	8.7	20.7
5 11	16 32.29	−20 39.6	2.391	3.362	5.6	20.5
5 21	16 24.84	−19 57.3	2.354	3.359	2.3	20.3
5 31	16 16.92	−19 13.2	2.345	3.356	1.4	20.2
6 10	16 9.29	−18 30.0	2.364	3.353	4.7	20.4
6 20	16 2.63	−17 50.6	2.412	3.350	7.9	20.6
6 30	15 57.49	−17 17.4	2.483	3.346	10.7	20.8

250079 2002 EG_{154} 5 27.8 60.°84 9.°9/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.06	+ 4 18.0	2.159	2.962	13.7	19.7
5 1	16 37.73	+ 6 17.8	2.114	2.978	11.9	19.6
5 11	16 31.70	+ 8 5.0	2.093	2.994	10.5	19.5
5 21	16 24.57	+ 9 33.3	2.096	3.010	9.9	19.5
5 31	16 17.08	+10 37.5	2.124	3.026	10.4	19.6
6 10	16 10.01	+11 15.2	2.175	3.043	11.8	19.7
6 20	16 4.03	+11 27.0	2.248	3.059	13.4	19.9
6 30	15 59.64	+11 15.2	2.339	3.076	15.0	20.0

149252 2002 TJ 5 27.8 251.°72 1.°9/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.11	−18 30.2	1.775	2.611	14.9	21.2
5 1	16 42.47	−18 3.9	1.682	2.598	11.5	20.9
5 11	16 35.31	−17 33.9	1.612	2.585	7.6	20.6
5 21	16 26.24	−17 1.8	1.566	2.571	3.4	20.4
5 31	16 16.25	−16 30.2	1.547	2.557	2.6	20.3
6 10	16 6.53	−16 2.2	1.554	2.542	6.8	20.5
6 20	15 58.14	−15 41.2	1.587	2.527	11.1	20.7
6 30	15 51.96	−15 29.7	1.642	2.512	14.9	20.9

344045 2012 QT_{14} 5 27.8 303.°04 4.°4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.93	−31 39.6	1.700	2.520	16.2	19.5
5 1	16 44.00	−32 1.1	1.581	2.481	13.2	19.2
5 11	16 36.92	−32 11.5	1.483	2.441	9.6	18.9
5 21	16 27.15	−32 7.0	1.407	2.401	6.0	18.6
5 31	16 15.75	−31 44.9	1.356	2.360	4.5	18.4
6 10	16 4.20	−31 6.1	1.331	2.319	7.5	18.5
6 20	15 54.03	−30 14.9	1.330	2.279	12.0	18.6
6 30	15 46.53	−29 18.5	1.350	2.238	16.4	18.8

371681 2007 DN_{29} 5 27.8 152.°18 2.°7/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.60	−14 50.1	2.184	3.008	12.9	22.1
5 1	16 42.09	−14 23.5	2.109	3.017	9.9	22.0
5 11	16 34.63	−13 56.9	2.058	3.026	6.6	21.8
5 21	16 25.83	−13 32.1	2.033	3.034	3.5	21.6
5 31	16 16.51	−13 11.4	2.036	3.041	3.2	21.6
6 10	16 7.59	−12 56.8	2.068	3.047	6.1	21.8
6 20	15 59.84	−12 50.1	2.126	3.053	9.4	22.0
6 30	15 53.89	−12 52.0	2.208	3.058	12.3	22.2

213066 1999 RX_{133} 5 27.8 281.°57 4.°2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.47	−15 19.3	1.534	2.383	16.2	20.3
5 1	16 41.58	−14 21.7	1.442	2.364	12.7	20.0
5 11	16 34.92	−13 20.1	1.372	2.345	8.6	19.7
5 21	16 26.15	−12 18.6	1.325	2.326	4.9	19.5
5 31	16 16.32	−11 22.3	1.304	2.307	4.9	19.4
6 10	16 6.73	−10 36.8	1.308	2.288	8.8	19.6
6 20	15 58.59	−10 6.2	1.335	2.268	13.3	19.8
6 30	15 52.87	− 9 53.1	1.382	2.249	17.3	20.0

65198 2002 CR_{286} 5 27.8 334.°54 0.°2/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.20	−21 46.0	1.881	2.721	14.0	19.3
5 1	16 38.58	−21 37.5	1.793	2.711	10.8	19.1
5 11	16 32.69	−21 24.3	1.727	2.701	7.1	18.9
5 21	16 25.14	−21 7.0	1.686	2.692	2.9	18.6
5 31	16 16.81	−20 46.9	1.671	2.684	1.4	18.5
6 10	16 8.76	−20 26.5	1.683	2.676	5.7	18.7
6 20	16 1.95	−20 8.6	1.720	2.668	9.8	18.9
6 30	15 57.14	−19 55.9	1.779	2.661	13.3	19.2

473806 2016 EM_{108} 5 27.8 59.°44 5.°5/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.15	−10 22.3	1.396	2.245	17.4	20.9
5 1	16 42.75	− 9 48.9	1.331	2.250	13.7	20.7
5 11	16 35.54	− 9 20.6	1.286	2.255	9.6	20.4
5 21	16 26.32	− 9 1.4	1.264	2.260	6.2	20.3
5 31	16 16.29	− 8 54.9	1.267	2.265	6.0	20.3
6 10	16 6.80	− 9 3.2	1.293	2.270	9.3	20.5
6 20	15 59.02	− 9 26.7	1.343	2.275	13.3	20.7
6 30	15 53.78	−10 4.4	1.413	2.280	17.0	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
270717 2002 QU_{111}			5 27.8	48°.33	3°.7/29.2	17
	h m	° ′			°	m
4 21	16 48.42	−30 46.3	1.474	2.304	17.7	20.6
5 1	16 44.04	−30 53.6	1.402	2.309	14.0	20.4
5 11	16 36.53	−30 47.3	1.350	2.314	9.9	20.1
5 21	16 26.77	−30 25.2	1.321	2.318	5.6	19.9
5 31	16 16.09	−29 47.6	1.316	2.323	3.8	19.8
6 10	16 6.04	−28 58.2	1.337	2.329	7.0	20.0
6 20	15 57.92	−28 3.4	1.381	2.334	11.3	20.2
6 30	15 52.66	−27 9.9	1.447	2.340	15.2	20.5
239112 2006 HD_{81}			5 27.8	155°.49	1°.5/28.4	17
4 21	16 47.47	−25 26.2	2.091	2.911	13.5	21.3
5 1	16 42.37	−25 41.0	2.010	2.914	10.5	21.1
5 11	16 35.03	−25 49.9	1.950	2.917	7.1	20.9
5 21	16 26.07	−25 52.0	1.917	2.919	3.4	20.7
5 31	16 16.40	−25 47.1	1.911	2.922	1.8	20.6
6 10	16 7.08	−25 36.8	1.932	2.924	5.3	20.8
6 20	15 59.03	−25 23.5	1.980	2.926	8.9	21.0
6 30	15 52.99	−25 10.4	2.052	2.927	12.1	21.2
264985 2003 CE_{7}			5 27.8	26°.31	3°.4/27.0	17
4 21	16 44.61	−14 25.1	1.300	2.161	17.8	19.4
5 1	16 40.96	−14 13.7	1.242	2.170	13.8	19.1
5 11	16 34.43	−14 4.7	1.204	2.180	9.2	18.9
5 21	16 25.87	−14 0.4	1.188	2.191	4.7	18.7
5 31	16 16.52	−14 3.1	1.195	2.203	4.0	18.7
6 10	16 7.80	−14 14.5	1.227	2.216	8.1	18.9
6 20	16 0.88	−14 35.4	1.282	2.229	12.5	19.2
6 30	15 56.58	−15 5.7	1.356	2.243	16.4	19.5
504595 2008 UR_{79}			5 27.8	208°.25	1°.2/27.2	18
4 21	16 45.87	−20 3.9	2.458	3.278	11.7	21.9
5 1	16 40.72	−19 28.3	2.364	3.272	9.0	21.7
5 11	16 33.75	−18 48.1	2.295	3.265	5.9	21.5
5 21	16 25.49	−18 4.9	2.253	3.258	2.5	21.3
5 31	16 16.68	−17 20.9	2.240	3.250	1.8	21.2
6 10	16 8.15	−16 39.0	2.255	3.241	5.1	21.4
6 20	16 0.63	−16 2.0	2.299	3.232	8.4	21.6
6 30	15 54.73	−15 32.4	2.367	3.223	11.4	21.8
88243 2001 CQ_{35}			5 27.8	112°.00	6°.9/28.2	18
4 21	17 1.69	− 2 39.9	1.126	1.955	22.1	18.8
5 1	16 54.75	− 3 31.0	1.060	1.963	17.8	18.5
5 11	16 43.86	− 4 45.5	1.013	1.971	13.0	18.3
5 21	16 29.93	− 6 24.9	0.988	1.979	8.4	18.0
5 31	16 14.62	− 8 26.1	0.988	1.986	7.2	18.0
6 10	15 59.96	−10 41.9	1.014	1.994	10.7	18.2
6 20	15 47.72	−13 3.5	1.064	2.001	15.6	18.5
6 30	15 39.12	−15 24.4	1.136	2.007	20.0	18.8
18783 Sychamberlin			5 27.9	306°.78	0°.2/27.9	18
4 21	16 44.54	−22 54.8	1.594	2.438	15.9	18.8
5 1	16 40.94	−22 46.1	1.501	2.420	12.4	18.5
5 11	16 34.56	−22 30.9	1.428	2.403	8.2	18.2
5 21	16 26.03	−22 9.0	1.379	2.385	3.5	17.9
5 31	16 16.40	−21 41.9	1.355	2.368	1.6	17.7
6 10	16 7.01	−21 12.7	1.357	2.351	6.6	18.0
6 20	15 59.08	−20 45.4	1.383	2.334	11.4	18.2
6 30	15 53.59	−20 23.9	1.430	2.318	15.6	18.5
475469 2006 SU_{89}			5 27.9	196°.68	2°.8/26.3	17
4 21	16 43.05	−14 32.3	2.485	3.312	11.4	22.0
5 1	16 38.49	−13 49.8	2.401	3.311	8.8	21.8
5 11	16 32.25	−13 6.6	2.341	3.309	5.9	21.6
5 21	16 24.86	−12 24.9	2.307	3.306	3.4	21.4
5 31	16 17.00	−11 47.5	2.302	3.304	3.3	21.4
6 10	16 9.42	−11 16.9	2.326	3.301	5.8	21.6
6 20	16 2.77	−10 55.0	2.375	3.298	8.7	21.8
6 30	15 57.62	−10 43.0	2.449	3.295	11.4	21.9
286724 2002 GY_{111}			5 27.9	87°.03	4°.2/25.5	18
4 21	16 41.74	−10 39.5	2.384	3.214	11.8	20.8
5 1	16 37.46	− 9 46.8	2.312	3.220	9.2	20.7
5 11	16 31.56	− 8 56.1	2.264	3.226	6.5	20.5
5 21	16 24.56	− 8 10.3	2.243	3.233	4.5	20.4
5 31	16 17.15	− 7 32.7	2.249	3.239	4.6	20.4
6 10	16 10.07	− 7 5.8	2.282	3.246	6.7	20.6
6 20	16 3.96	− 6 50.9	2.341	3.252	9.4	20.7
6 30	15 59.34	− 6 48.4	2.423	3.258	11.8	20.9
206473 2003 UZ_{22}			5 27.9	69°.73	2°.3/28.4	17
4 21	16 50.39	−25 10.7	1.477	2.314	17.3	19.8
5 1	16 45.51	−25 47.1	1.407	2.320	13.5	19.6
5 11	16 37.52	−26 17.7	1.357	2.326	9.1	19.3
5 21	16 27.22	−26 39.7	1.330	2.333	4.5	19.1
5 31	16 15.91	−26 51.6	1.329	2.339	2.7	18.9
6 10	16 5.11	−26 54.4	1.353	2.346	6.8	19.2
6 20	15 56.16	−26 51.4	1.401	2.352	11.3	19.5
6 30	15 50.03	−26 46.8	1.471	2.359	15.3	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
317403 2002 PV_{131}			5 27.9	280°.34	4°.5/29.2	17
	h m	° ′			°	m
4 21	16 49.14	−31 16.1	1.599	2.422	16.9	20.4
5 1	16 44.83	−31 46.5	1.505	2.405	13.6	20.2
5 11	16 37.32	−32 6.1	1.430	2.389	9.9	19.9
5 21	16 27.25	−32 10.9	1.378	2.372	6.1	19.6
5 31	16 15.84	−31 58.8	1.351	2.355	4.6	19.5
6 10	16 4.64	−31 31.1	1.350	2.338	7.5	19.6
6 20	15 55.12	−30 52.2	1.373	2.321	11.7	19.8
6 30	15 48.43	−30 9.1	1.417	2.304	15.8	20.0
270473 2002 DV_{4}			5 27.9	304°.17	2°.1/28.9	18
4 21	16 43.71	−28 53.6	2.118	2.938	13.4	20.1
5 1	16 39.71	−28 43.2	2.012	2.914	10.6	19.9
5 11	16 33.46	−28 22.7	1.927	2.891	7.3	19.7
5 21	16 25.49	−27 51.3	1.868	2.868	3.8	19.4
5 31	16 16.69	−27 9.7	1.835	2.845	2.3	19.2
6 10	16 8.08	−26 20.6	1.830	2.823	5.4	19.4
6 20	16 0.62	−25 28.1	1.851	2.800	9.2	19.6
6 30	15 55.12	−24 36.9	1.896	2.778	12.7	19.8
506489 2003 SN_{432}			5 27.9	195°.78	1°.6/27.1	17
4 21	16 45.11	−18 21.2	2.116	2.947	13.0	22.1
5 1	16 40.40	−17 54.7	2.033	2.946	10.0	21.9
5 11	16 33.66	−17 25.3	1.972	2.944	6.5	21.7
5 21	16 25.50	−16 54.7	1.938	2.943	3.0	21.5
5 31	16 16.72	−16 25.0	1.931	2.941	2.3	21.4
6 10	16 8.28	−15 58.9	1.952	2.939	5.8	21.7
6 20	16 0.99	−15 38.9	2.000	2.936	9.3	21.9
6 30	15 55.51	−15 26.9	2.070	2.934	12.5	22.1
435624 2008 SG_{121}			5 27.9	268°.54	2°.1/28.6	17
4 21	16 47.34	−27 6.3	1.952	2.774	14.3	21.8
5 1	16 42.68	−27 19.6	1.854	2.759	11.3	21.5
5 11	16 35.50	−27 25.5	1.778	2.743	7.7	21.3
5 21	16 26.38	−27 22.5	1.727	2.728	3.9	21.0
5 31	16 16.28	−27 10.1	1.702	2.712	2.4	20.9
6 10	16 6.38	−26 50.0	1.704	2.696	5.8	21.1
6 20	15 57.77	−26 25.3	1.733	2.680	9.8	21.3
6 30	15 51.35	−26 0.2	1.784	2.664	13.4	21.5
288610 2004 LG_{31}			5 27.9	355°.71	6°.0/25.6	15
4 21	16 38.80	− 9 43.7	1.499	2.359	15.9	20.1
5 1	16 36.25	− 8 52.9	1.428	2.352	12.6	19.9
5 11	16 31.29	− 8 6.2	1.379	2.347	9.1	19.7
5 21	16 24.59	− 7 28.4	1.351	2.344	6.4	19.5
5 31	16 17.14	− 7 4.3	1.348	2.341	6.6	19.5
6 10	16 10.07	− 6 57.1	1.368	2.340	9.4	19.6
6 20	16 4.40	− 7 7.8	1.411	2.340	13.0	19.9
6 30	16 0.87	− 7 35.7	1.473	2.342	16.4	20.1
261125 2005 TG_{21}			5 27.9	217°.58	2°.1/26.7	18
4 21	16 42.77	−15 21.3	2.788	3.610	10.5	21.9
5 1	16 38.15	−14 55.5	2.696	3.603	8.1	21.7
5 11	16 32.00	−14 29.2	2.628	3.596	5.4	21.5
5 21	16 24.77	−14 3.7	2.587	3.588	2.8	21.3
5 31	16 17.07	−13 40.9	2.575	3.580	2.5	21.3
6 10	16 9.57	−13 22.7	2.592	3.572	5.0	21.5
6 20	16 2.88	−13 10.5	2.637	3.563	7.8	21.6
6 30	15 57.54	−13 5.6	2.706	3.554	10.4	21.8
365129 2009 DB_{23}			5 27.9	326°.75	1°.6/28.3	17
4 21	16 45.14	−24 12.9	1.231	2.089	18.7	20.8
5 1	16 42.19	−24 30.7	1.151	2.077	14.7	20.5
5 11	16 35.79	−24 42.0	1.089	2.066	9.9	20.2
5 21	16 26.67	−24 44.9	1.049	2.055	4.5	19.9
5 31	16 16.14	−24 39.1	1.032	2.044	2.3	19.7
6 10	16 5.96	−24 26.8	1.038	2.035	7.7	20.0
6 20	15 57.70	−24 12.0	1.066	2.026	13.1	20.2
6 30	15 52.56	−23 59.7	1.114	2.018	17.8	20.5
25964 Liudavid			5 27.9	14°.95	3°.6/26.5	17
4 21	16 41.83	−17 49.5	1.142	2.015	18.9	18.1
5 1	16 39.21	−16 51.2	1.083	2.019	14.6	17.8
5 11	16 33.48	−15 47.9	1.044	2.024	9.6	17.6
5 21	16 25.53	−14 44.6	1.025	2.030	4.8	17.3
5 31	16 16.75	−13 47.5	1.030	2.037	4.4	17.3
6 10	16 8.67	−13 2.7	1.057	2.046	9.0	17.6
6 20	16 2.53	−12 34.3	1.106	2.055	13.8	17.9
6 30	15 59.19	−12 24.1	1.173	2.066	18.0	18.2
83468 2001 SP_{75}			5 27.9	155°.72	0°.6/27.6	18
4 21	16 44.05	−22 4.8	2.233	3.060	12.5	19.2
5 1	16 39.49	−21 32.3	2.151	3.062	9.6	19.0
5 11	16 33.01	−20 54.1	2.092	3.063	6.3	18.8
5 21	16 25.22	−20 11.5	2.059	3.064	2.6	18.6
5 31	16 16.89	−19 26.9	2.054	3.066	1.4	18.5
6 10	16 8.93	−18 43.4	2.077	3.067	5.1	18.7
6 20	16 2.09	−18 4.1	2.127	3.068	8.6	19.0
6 30	15 56.99	−17 31.8	2.200	3.068	11.7	19.2

174863 2004 BA_{15} 5 27.9 163°.83 1°.0/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.17	−19 48.4	1.950	2.777	14.1	21.5
5 1	16 43.67	−19 35.5	1.871	2.782	10.9	21.3
5 11	16 35.87	−19 19.3	1.815	2.786	7.1	21.0
5 21	16 26.43	−19 0.5	1.785	2.790	3.0	20.8
5 31	16 16.33	−18 40.6	1.782	2.794	1.8	20.7
6 10	16 6.64	−18 22.0	1.808	2.797	5.8	21.0
6 20	15 58.31	−18 7.3	1.859	2.799	9.7	21.2
6 30	15 52.06	−17 58.8	1.934	2.801	13.1	21.4

36407 2000 OZ_{48} 5 27.9 283°.87 3°.7/26.5 18

4 21	16 45.86	−13 38.1	1.828	2.665	14.5	19.5
5 1	16 41.57	−13 7.7	1.724	2.639	11.4	19.2
5 11	16 34.82	−12 37.2	1.642	2.611	7.8	18.9
5 21	16 26.14	−12 9.4	1.584	2.584	4.5	18.7
5 31	16 16.41	−11 47.3	1.553	2.556	4.3	18.6
6 10	16 6.75	−11 34.0	1.548	2.528	7.7	18.7
6 20	15 58.23	−11 31.8	1.568	2.499	11.8	18.9
6 30	15 51.78	−11 42.1	1.610	2.470	15.6	19.1

290896 2005 WV_{87} 5 27.9 237°.90 1°.8/29.0 18

4 21	16 44.83	−29 38.1	3.093	3.888	10.2	21.6
5 1	16 39.75	−29 26.5	2.984	3.873	8.0	21.4
5 11	16 33.07	−29 7.1	2.899	3.856	5.5	21.2
5 21	16 25.23	−28 39.6	2.842	3.839	3.0	21.0
5 31	16 16.88	−28 4.4	2.814	3.822	1.9	20.9
6 10	16 8.72	−27 23.4	2.815	3.804	4.0	21.0
6 20	16 1.40	−26 39.2	2.845	3.786	6.7	21.2
6 30	15 55.46	−25 54.9	2.902	3.767	9.3	21.3

397271 2006 RT_{67} 5 27.9 186°.09 2°.6/26.4 18

4 21	16 43.63	−15 23.1	2.449	3.276	11.6	21.2
5 1	16 38.95	−14 39.7	2.366	3.275	8.9	21.0
5 11	16 32.57	−13 55.0	2.306	3.275	6.0	20.9
5 21	16 25.02	−13 11.2	2.274	3.274	3.3	20.7
5 31	16 17.00	−12 31.1	2.270	3.273	3.1	20.7
6 10	16 9.27	−11 57.3	2.294	3.272	5.8	20.8
6 20	16 2.52	−11 32.0	2.345	3.270	8.7	21.0
6 30	15 57.29	−11 16.6	2.420	3.268	11.5	21.2

520345 2014 GS_{62} 5 27.9 306°.13 1°.4/28.6 16

4 21	16 43.89	−26 39.6	2.308	3.127	12.4	21.2
5 1	16 39.47	−26 37.6	2.220	3.124	9.7	21.0
5 11	16 33.08	−26 28.5	2.155	3.121	6.5	20.8
5 21	16 25.28	−26 12.1	2.116	3.118	3.2	20.6
5 31	16 16.88	−25 48.9	2.104	3.115	1.7	20.5
6 10	16 8.77	−25 21.0	2.120	3.112	4.8	20.7
6 20	16 1.76	−24 51.3	2.163	3.110	8.2	20.9
6 30	15 56.51	−24 23.1	2.230	3.107	11.2	21.1

267198 2000 SA_{14} 5 27.9 127°.24 1°.6/27.0 17

4 21	16 46.29	−21 14.6	1.839	2.674	14.5	19.9
5 1	16 41.51	−20 15.7	1.763	2.678	11.1	19.7
5 11	16 34.46	−19 9.2	1.710	2.683	7.2	19.4
5 21	16 25.84	−17 58.1	1.682	2.687	3.1	19.2
5 31	16 16.65	−16 46.6	1.681	2.691	2.4	19.1
6 10	16 7.96	−15 39.8	1.708	2.695	6.4	19.4
6 20	16 0.69	−14 42.1	1.761	2.699	10.3	19.6
6 30	15 55.51	−13 57.0	1.837	2.703	13.7	19.9

499589 2010 TV_{58} 5 27.9 265°.90 5°.8/29.3 17

4 21	16 51.43	−33 7.6	1.632	2.445	17.0	21.3
5 1	16 46.67	−34 0.6	1.540	2.433	13.9	21.1
5 11	16 38.59	−34 43.1	1.469	2.420	10.4	20.8
5 21	16 27.83	−35 10.0	1.421	2.407	7.0	20.6
5 31	16 15.64	−35 17.6	1.397	2.394	5.8	20.5
6 10	16 3.66	−35 5.8	1.399	2.381	8.1	20.6
6 20	15 53.41	−34 38.6	1.425	2.368	11.9	20.8
6 30	15 46.10	−34 2.8	1.473	2.354	15.6	21.0

283454 2001 FX_{196} 5 27.9 347°.30 4°.5/26.7 17

4 21	16 44.33	−10 20.0	1.695	2.538	15.2	19.7
5 1	16 40.28	−10 7.9	1.618	2.534	11.9	19.5
5 11	16 33.84	−10 1.1	1.562	2.530	8.3	19.3
5 21	16 25.66	−10 2.2	1.531	2.527	5.2	19.1
5 31	16 16.70	−10 13.4	1.524	2.524	4.9	19.0
6 10	16 8.07	−10 35.7	1.544	2.522	7.9	19.2
6 20	16 0.77	−11 9.2	1.588	2.520	11.6	19.4
6 30	15 55.58	−11 53.1	1.653	2.519	15.0	19.6

63938 2001 SE_{54} 5 27.9 204°.66 3°.0/26.8 16

4 21	16 49.64	−15 25.4	1.704	2.539	15.5	20.3
5 1	16 44.41	−14 58.4	1.621	2.535	12.0	20.1
5 11	16 36.57	−14 30.7	1.560	2.531	8.0	19.8
5 21	16 26.81	−14 4.4	1.523	2.526	4.1	19.6
5 31	16 16.18	−13 42.4	1.514	2.520	3.6	19.6
6 10	16 5.91	−13 27.5	1.530	2.513	7.4	19.8
6 20	15 57.10	−13 22.1	1.572	2.506	11.6	20.0
6 30	15 50.60	−13 27.5	1.636	2.499	15.3	20.2

243975 2001 RN_{20} 5 27.9 230°.77 1°.4/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.65	−19 46.0	1.646	2.482	15.9	21.5
5 1	16 44.66	−19 22.5	1.557	2.472	12.3	21.3
5 11	16 36.88	−18 54.1	1.488	2.461	8.1	21.0
5 21	16 26.99	−18 22.0	1.445	2.450	3.5	20.7
5 31	16 16.08	−17 48.6	1.427	2.438	2.3	20.6
6 10	16 5.49	−17 17.4	1.436	2.426	7.0	20.8
6 20	15 56.41	−16 52.3	1.471	2.413	11.6	21.1
6 30	15 49.78	−16 36.5	1.527	2.399	15.7	21.3

105734 2000 SS_{84} 5 27.9 239°.90 4°.0/25.7 17

4 21	16 42.38	−10 48.1	2.403	3.232	11.7	20.1
5 1	16 38.06	−10 3.4	2.318	3.225	9.2	19.9
5 11	16 32.05	− 9 20.3	2.256	3.219	6.5	19.7
5 21	16 24.83	− 8 41.7	2.221	3.213	4.4	19.6
5 31	16 17.10	− 8 10.4	2.213	3.206	4.5	19.5
6 10	16 9.62	− 7 49.0	2.233	3.199	6.7	19.7
6 20	16 3.07	− 7 38.9	2.279	3.192	9.5	19.8
6 30	15 58.01	− 7 40.7	2.348	3.185	12.1	20.0

68479 2001 TX_{40} 5 27.9 286°.16 3°.6/28.7 18

4 21	16 50.47	−27 58.9	1.747	2.568	15.7	18.6
5 1	16 45.41	−28 53.0	1.664	2.565	12.5	18.4
5 11	16 37.45	−29 41.2	1.602	2.563	8.8	18.2
5 21	16 27.26	−30 19.8	1.564	2.561	5.1	17.9
5 31	16 15.95	−30 45.9	1.553	2.558	3.8	17.8
6 10	16 4.92	−30 59.4	1.568	2.556	6.7	18.0
6 20	15 55.43	−31 2.7	1.609	2.553	10.6	18.2
6 30	15 48.50	−31 0.0	1.672	2.551	14.2	18.5

113045 2002 RM_{51} 5 27.9 307°.48 2°.5/27.1 18

4 21	16 44.59	−17 23.4	1.401	2.257	17.0	19.5
5 1	16 41.26	−17 2.8	1.312	2.238	13.3	19.2
5 11	16 34.94	−16 39.8	1.243	2.220	8.9	18.9
5 21	16 26.28	−16 16.3	1.197	2.202	4.2	18.6
5 31	16 16.39	−15 55.3	1.175	2.185	3.3	18.5
6 10	16 6.72	−15 40.2	1.177	2.167	8.0	18.7
6 20	15 58.62	−15 34.2	1.202	2.151	13.0	18.9
6 30	15 53.15	−15 39.7	1.247	2.134	17.5	19.1

254136 2004 PH_{53} 5 27.9 261°.99 2°.1/28.8 18

4 21	16 45.05	−28 14.2	2.570	3.377	11.6	21.2
5 1	16 40.32	−28 26.1	2.467	3.363	9.2	21.0
5 11	16 33.65	−28 31.4	2.388	3.348	6.3	20.8
5 21	16 25.56	−28 29.0	2.334	3.333	3.4	20.6
5 31	16 16.77	−28 18.7	2.309	3.318	2.2	20.5
6 10	16 8.14	−28 1.6	2.313	3.302	4.7	20.6
6 20	16 0.48	−27 40.1	2.343	3.286	7.8	20.8
6 30	15 54.45	−27 17.3	2.399	3.271	10.7	20.9

200913 2002 AN_{93} 5 27.9 73°.83 2°.6/27.2 17

4 21	16 48.70	−16 11.8	1.371	2.221	17.7	20.3
5 1	16 44.08	−15 59.7	1.307	2.229	13.6	20.1
5 11	16 36.50	−15 47.8	1.263	2.238	9.0	19.9
5 21	16 26.79	−15 37.8	1.241	2.246	4.3	19.6
5 31	16 16.24	−15 31.8	1.245	2.254	3.3	19.6
6 10	16 6.30	−15 32.2	1.274	2.263	7.8	19.9
6 20	15 58.18	−15 40.6	1.326	2.271	12.3	20.1
6 30	15 52.77	−15 58.2	1.399	2.280	16.3	20.4

260153 2004 RW_{27} 5 27.9 54°.80 10°.0/24.0 17

4 21	16 44.16	+ 0 19.9	1.609	2.438	16.5	19.6
5 1	16 39.96	+ 1 41.0	1.557	2.448	13.8	19.4
5 11	16 33.47	+ 2 49.0	1.525	2.459	11.4	19.3
5 21	16 25.44	+ 3 37.5	1.516	2.470	10.0	19.2
5 31	16 16.88	+ 4 1.1	1.531	2.481	10.4	19.3
6 10	16 8.85	+ 3 58.0	1.569	2.493	12.2	19.4
6 20	16 2.25	+ 3 29.4	1.628	2.504	14.6	19.6
6 30	15 57.76	+ 2 39.0	1.706	2.516	17.0	19.8

300253 2007 GP_{7} 5 27.9 5°.14 4°.2/26.5 14 C

4 21	16 44.66	−16 25.2	1.120	1.990	19.4	21.2
5 1	16 41.57	−15 31.0	1.056	1.990	15.0	20.9
5 11	16 35.16	−14 33.2	1.011	1.990	10.1	20.7
5 21	16 26.31	−13 36.8	0.987	1.991	5.3	20.4
5 31	16 16.46	−12 47.7	0.985	1.992	5.0	20.4
6 10	16 7.24	−12 12.0	1.007	1.994	9.6	20.6
6 20	16 0.05	−11 53.3	1.049	1.996	14.6	20.9
6 30	15 55.85	−11 53.2	1.109	1.999	19.0	21.2

375995 2009 XP_{24} 5 27.9 88°.61 4°.1/30.1 17

4 21	16 50.06	−34 53.0	1.931	2.729	15.3	20.5
5 1	16 44.48	−34 45.7	1.863	2.747	12.3	20.3
5 11	16 36.39	−34 23.4	1.816	2.765	8.9	20.1
5 21	16 26.63	−33 44.7	1.794	2.782	5.6	19.9
5 31	16 16.36	−32 50.6	1.799	2.800	4.1	19.9
6 10	16 6.78	−31 44.9	1.830	2.817	6.1	20.0
6 20	15 58.89	−30 33.7	1.889	2.833	9.3	20.3
6 30	15 53.37	−29 23.1	1.971	2.850	12.4	20.5

457571 2008 YL_{134} 5 27.9 211°.41 1°.7/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.20	−17 29.5	1.685	2.517	15.7	21.8
5 1	16 45.76	−17 26.8	1.598	2.512	12.2	21.6
5 11	16 37.56	−17 23.3	1.534	2.505	8.1	21.3
5 21	16 27.28	−17 19.6	1.493	2.498	3.6	21.0
5 31	16 16.00	−17 16.8	1.480	2.491	2.4	20.9
6 10	16 5.02	−17 16.8	1.494	2.482	6.9	21.2
6 20	15 55.53	−17 21.5	1.533	2.474	11.3	21.4
6 30	15 48.47	−17 32.9	1.594	2.464	15.3	21.6

304610 2006 VS_{84} 5 27.9 158°.49 3°.9/29.8 17

4 21	16 46.79	−34 3.7	2.444	3.236	12.6	21.1
5 1	16 41.72	−34 19.3	2.359	3.239	10.2	21.0
5 11	16 34.56	−34 24.3	2.296	3.241	7.5	20.8
5 21	16 25.92	−34 17.0	2.258	3.243	4.9	20.6
5 31	16 16.67	−33 56.7	2.248	3.245	3.9	20.6
6 10	16 7.76	−33 25.4	2.265	3.247	5.5	20.7
6 20	16 0.05	−32 46.1	2.309	3.248	8.1	20.8
6 30	15 54.21	−32 3.3	2.378	3.250	10.8	21.0

86156 1999 RB_{203} 5 27.9 194°.82 4°.9/30.9 18

4 21	16 47.74	−40 4.5	2.887	3.646	11.7	19.1
5 1	16 42.25	−40 16.6	2.794	3.644	9.7	19.0
5 11	16 34.81	−40 16.1	2.722	3.641	7.6	18.8
5 21	16 26.01	−40 1.0	2.676	3.639	5.8	18.7
5 31	16 16.64	−39 30.7	2.657	3.636	4.9	18.6
6 10	16 7.61	−38 46.7	2.667	3.632	5.8	18.7
6 20	15 59.71	−37 52.3	2.703	3.629	7.7	18.8
6 30	15 53.58	−36 52.0	2.765	3.625	9.8	18.9

64832 2001 XJ_{251} 5 27.9 37°.72 2°.1/27.4 18

4 21	16 46.37	−16 14.7	1.455	2.306	16.8	18.4
5 1	16 42.12	−16 15.6	1.394	2.316	12.9	18.2
5 11	16 35.13	−16 17.5	1.352	2.328	8.5	18.0
5 21	16 26.22	−16 21.3	1.334	2.339	3.9	17.7
5 31	16 16.56	−16 28.3	1.341	2.352	2.8	17.7
6 10	16 7.47	−16 39.9	1.374	2.364	7.1	18.0
6 20	16 0.07	−16 57.3	1.430	2.377	11.5	18.3
6 30	15 55.15	−17 21.2	1.508	2.391	15.2	18.5

393270 2013 WS_{64} 5 27.9 216°.38 2°.3/28.9 18

4 21	16 48.77	−28 37.9	2.161	2.971	13.5	21.6
5 1	16 43.48	−28 43.6	2.067	2.964	10.7	21.4
5 11	16 35.85	−28 40.7	1.996	2.957	7.3	21.2
5 21	16 26.52	−28 27.9	1.950	2.949	3.9	21.0
5 31	16 16.40	−28 5.1	1.932	2.940	2.5	20.8
6 10	16 6.56	−27 34.3	1.941	2.931	5.4	21.0
6 20	15 57.99	−26 59.1	1.978	2.922	9.0	21.2
6 30	15 51.46	−26 23.6	2.039	2.912	12.3	21.4

414052 2007 RV_{228} 5 27.9 248°.71 2°.9/28.7 17

4 21	16 51.11	−28 0.5	1.665	2.488	16.3	21.7
5 1	16 46.13	−28 20.5	1.570	2.474	13.0	21.4
5 11	16 38.08	−28 31.8	1.495	2.459	9.0	21.1
5 21	16 27.60	−28 31.8	1.444	2.444	4.8	20.8
5 31	16 15.86	−28 19.2	1.419	2.428	3.1	20.7
6 10	16 4.34	−27 55.6	1.420	2.411	6.8	20.9
6 20	15 54.40	−27 25.1	1.447	2.395	11.3	21.1
6 30	15 47.15	−26 53.4	1.495	2.377	15.4	21.3

109071 2001 QO_{22} 5 27.9 194°.92 1°.8/28.6 18

4 21	16 49.24	−27 21.1	2.240	3.050	13.1	20.2
5 1	16 43.67	−27 22.4	2.150	3.047	10.3	20.0
5 11	16 35.88	−27 16.0	2.082	3.044	7.0	19.8
5 21	16 26.50	−27 0.8	2.040	3.041	3.5	19.6
5 31	16 16.42	−26 37.3	2.026	3.036	2.0	19.5
6 10	16 6.65	−26 7.5	2.041	3.031	5.1	19.7
6 20	15 58.11	−25 34.6	2.083	3.026	8.7	19.9
6 30	15 51.53	−25 2.5	2.149	3.020	11.8	20.1

25075 Kiyomoto 5 27.9 200°.63 0°.1/27.8 18

4 21	16 46.67	−21 19.4	2.434	3.252	11.9	19.8
5 1	16 41.46	−21 20.0	2.343	3.249	9.2	19.6
5 11	16 34.34	−21 17.4	2.276	3.245	6.0	19.4
5 21	16 25.84	−21 11.6	2.235	3.241	2.5	19.2
5 31	16 16.72	−21 3.3	2.223	3.236	1.2	19.1
6 10	16 7.85	−20 53.9	2.240	3.230	4.8	19.3
6 20	15 59.99	−20 45.4	2.285	3.225	8.2	19.5
6 30	15 53.80	−20 39.7	2.354	3.218	11.1	19.7

173934 2001 VC_{120} 5 27.9 72°.27 0°.7/27.7 18

4 21	16 47.83	−17 51.7	2.177	3.000	12.9	19.6
5 1	16 42.36	−18 17.3	2.109	3.017	9.9	19.5
5 11	16 34.90	−18 42.9	2.064	3.034	6.4	19.3
5 21	16 26.04	−19 8.2	2.046	3.051	2.7	19.1
5 31	16 16.65	−19 32.9	2.057	3.068	1.4	19.0
6 10	16 7.65	−19 57.3	2.095	3.085	5.1	19.3
6 20	15 59.84	−20 21.8	2.161	3.102	8.5	19.5
6 30	15 53.87	−20 47.6	2.252	3.119	11.5	19.7

506593 2005 XM_{53} 5 27.9 277°.81 1°.2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.18	−25 35.0	1.768	2.598	15.2	22.3
5 1	16 42.84	−25 30.0	1.667	2.578	11.9	22.0
5 11	16 35.78	−25 16.7	1.588	2.558	8.0	21.7
5 21	16 26.60	−24 54.2	1.533	2.537	3.7	21.4
5 31	16 16.34	−24 23.2	1.504	2.516	1.8	21.2
6 10	16 6.26	−23 46.4	1.502	2.495	6.2	21.4
6 20	15 57.56	−23 8.1	1.525	2.474	10.7	21.7
6 30	15 51.21	−22 33.2	1.570	2.453	14.8	21.9

265765 2005 WM_{9} 5 27.9 357°.50 0°.2/27.8 17

4 21	16 41.73	−23 4.5	1.268	2.132	18.0	19.7
5 1	16 39.17	−22 44.1	1.198	2.128	14.0	19.4
5 11	16 33.56	−22 15.0	1.146	2.125	9.2	19.1
5 21	16 25.68	−21 38.3	1.116	2.123	3.8	18.8
5 31	16 16.82	−20 57.1	1.110	2.122	1.8	18.7
6 10	16 8.49	−20 16.0	1.127	2.123	7.3	19.0
6 20	16 1.99	−19 40.3	1.166	2.124	12.3	19.3
6 30	15 58.24	−19 14.3	1.225	2.127	16.7	19.6

416243 2003 BS_{81} 5 27.9 107°.30 0°.3/27.8 18

4 21	16 50.71	−20 28.2	1.957	2.780	14.2	20.9
5 1	16 44.71	−20 33.0	1.893	2.801	10.9	20.7
5 11	16 36.47	−20 34.8	1.852	2.822	7.1	20.5
5 21	16 26.70	−20 33.5	1.837	2.843	2.9	20.3
5 31	16 16.40	−20 29.9	1.850	2.862	1.4	20.2
6 10	16 6.65	−20 25.6	1.891	2.881	5.5	20.5
6 20	15 58.34	−20 22.6	1.958	2.900	9.2	20.8
6 30	15 52.14	−20 23.1	2.050	2.918	12.4	21.0

19050 1162 $T\text{-}_{1}$ 5 27.9 11°.46 6°.0/30.3 18

4 21	16 46.98	−37 1.0	1.978	2.774	15.1	18.5
5 1	16 42.54	−37 40.6	1.899	2.775	12.4	18.4
5 11	16 35.44	−38 6.8	1.840	2.777	9.6	18.2
5 21	16 26.40	−38 16.3	1.805	2.779	7.0	18.0
5 31	16 16.50	−38 7.0	1.795	2.782	6.0	18.0
6 10	16 7.00	−37 40.4	1.811	2.785	7.3	18.0
6 20	15 59.03	−37 0.5	1.851	2.788	10.0	18.2
6 30	15 53.43	−36 13.3	1.915	2.791	12.8	18.4

523125 2016 SN_{53} 5 27.9 346°.47 0°.8/27.5 16

4 21	16 42.21	−21 15.5	1.750	2.595	14.7	21.0
5 1	16 38.72	−20 51.1	1.668	2.589	11.3	20.8
5 11	16 32.86	−20 21.1	1.608	2.584	7.4	20.5
5 21	16 25.31	−19 47.0	1.573	2.579	3.1	20.3
5 31	16 17.00	−19 11.0	1.563	2.575	1.8	20.1
6 10	16 9.06	−18 36.8	1.579	2.571	6.1	20.4
6 20	16 2.46	−18 7.8	1.620	2.569	10.3	20.7
6 30	15 57.96	−17 46.8	1.683	2.566	13.9	20.9

205752 2002 CM_{21} 5 27.9 261°.23 2°.8/27.0 17

4 21	16 47.65	−16 17.8	1.479	2.327	16.7	20.3
5 1	16 43.32	−15 55.5	1.398	2.320	13.0	20.0
5 11	16 36.11	−15 32.1	1.338	2.312	8.7	19.7
5 21	16 26.74	−15 9.7	1.301	2.305	4.2	19.5
5 31	16 16.34	−14 51.2	1.289	2.298	3.5	19.4
6 10	16 6.30	−14 39.6	1.303	2.290	7.8	19.6
6 20	15 57.87	−14 37.4	1.340	2.283	12.5	19.9
6 30	15 52.00	−14 46.3	1.398	2.275	16.6	20.1

300071 2006 UU_{206} 5 27.9 109°.79 0°.6/27.6 17

4 21	16 44.60	−20 29.3	2.408	3.232	11.9	21.6
5 1	16 39.74	−20 15.2	2.334	3.243	9.1	21.4
5 11	16 33.11	−19 57.8	2.284	3.255	5.9	21.2
5 21	16 25.30	−19 38.1	2.260	3.266	2.4	21.0
5 31	16 17.04	−19 17.3	2.265	3.277	1.4	20.9
6 10	16 9.14	−18 57.6	2.298	3.288	4.7	21.2
6 20	16 2.29	−18 40.8	2.358	3.298	8.0	21.4
6 30	15 57.07	−18 29.0	2.443	3.308	10.8	21.6

474852 2005 SN_{87} 5 27.9 267°.77 0°.9/27.5 18

4 21	16 43.54	−19 48.5	2.354	3.181	12.0	21.9
5 1	16 39.16	−19 33.7	2.259	3.170	9.2	21.7
5 11	16 32.90	−19 15.8	2.187	3.158	6.0	21.5
5 21	16 25.28	−18 55.7	2.141	3.147	2.6	21.2
5 31	16 17.02	−18 34.8	2.124	3.135	1.6	21.1
6 10	16 8.98	−18 15.2	2.135	3.124	5.1	21.3
6 20	16 1.92	−17 59.0	2.172	3.112	8.5	21.5
6 30	15 56.48	−17 48.2	2.233	3.100	11.6	21.7

232005 2001 SP_{122} 5 27.9 294°.52 7°.1/23.7 18

4 21	16 41.91	− 5 26.2	2.019	2.850	13.5	20.2
5 1	16 38.04	− 4 1.8	1.937	2.839	11.0	20.0
5 11	16 32.22	− 2 41.2	1.879	2.827	8.6	19.8
5 21	16 25.00	− 1 30.1	1.845	2.816	7.2	19.7
5 31	16 17.16	− 0 33.7	1.838	2.805	7.7	19.7
6 10	16 9.58	+ 0 3.9	1.855	2.794	9.8	19.8
6 20	16 3.06	+ 0 21.0	1.897	2.783	12.4	20.0
6 30	15 58.25	+ 0 17.9	1.959	2.772	15.0	20.1

351516 2005 SN_{67} 5 27.9 75°.41 3°.6/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.28	−12 43.7	2.284	3.116	12.1	20.9
5 1	16 38.05	−11 58.9	2.207	3.118	9.4	20.7
5 11	16 32.07	−11 14.8	2.153	3.119	6.5	20.5
5 21	16 24.89	−10 34.0	2.125	3.121	4.0	20.4
5 31	16 17.22	− 9 59.7	2.124	3.122	4.0	20.4
6 10	16 9.87	− 9 34.4	2.151	3.123	6.5	20.5
6 20	16 3.52	− 9 19.7	2.204	3.125	9.4	20.7
6 30	15 58.75	− 9 16.5	2.280	3.126	12.1	20.9

175610 2006 VT_{19} 5 27.9 335°.87 0°.9/28.3 17

4 21	16 44.19	−24 31.5	2.057	2.885	13.4	20.2
5 1	16 39.95	−24 30.9	1.972	2.882	10.4	20.0
5 11	16 33.54	−24 24.3	1.910	2.879	6.9	19.8
5 21	16 25.57	−24 11.5	1.872	2.876	3.1	19.6
5 31	16 16.90	−23 53.3	1.862	2.874	1.4	19.4
6 10	16 8.56	−23 31.7	1.878	2.871	5.2	19.7
6 20	16 1.41	−23 9.6	1.921	2.869	8.9	19.9
6 30	15 56.19	−22 50.2	1.988	2.867	12.3	20.1

248067 2004 OO_{11} 5 27.9 315°.36 5°.9/29.6 18

4 21	16 47.33	−35 43.1	2.080	2.876	14.4	19.9
5 1	16 42.89	−36 38.3	1.985	2.863	11.9	19.7
5 11	16 35.80	−37 23.3	1.911	2.850	9.2	19.5
5 21	16 26.63	−37 54.1	1.862	2.837	6.8	19.3
5 31	16 16.38	−38 7.6	1.838	2.825	5.9	19.2
6 10	16 6.28	−38 3.8	1.840	2.813	7.4	19.3
6 20	15 57.50	−37 45.4	1.868	2.801	10.1	19.4
6 30	15 51.01	−37 17.3	1.918	2.789	13.0	19.6

148060 1998 TO_{11} 5 27.9 291°.10 0°.6/28.2 17

4 21	16 41.29	−24 14.7	3.132	3.945	9.6	21.4
5 1	16 37.10	−24 13.5	3.018	3.921	7.5	21.2
5 11	16 31.42	−24 8.0	2.929	3.896	5.0	21.0
5 21	16 24.64	−23 58.4	2.867	3.871	2.2	20.8
5 31	16 17.32	−23 45.0	2.834	3.846	1.0	20.6
6 10	16 10.08	−23 29.1	2.829	3.820	3.8	20.8
6 20	16 3.54	−23 12.4	2.853	3.795	6.6	21.0
6 30	15 58.22	−22 56.8	2.902	3.770	9.2	21.1

323033 2002 QO_{116} 5 27.9 192°.52 3°.1/29.8 18

4 21	16 44.44	−34 9.8	3.272	4.052	10.0	21.9
5 1	16 39.44	−34 22.8	3.178	4.051	8.0	21.7
5 11	16 32.88	−34 27.5	3.108	4.049	5.9	21.6
5 21	16 25.22	−34 22.8	3.064	4.047	4.0	21.4
5 31	16 17.08	−34 8.3	3.049	4.044	3.2	21.4
6 10	16 9.17	−33 45.2	3.062	4.041	4.4	21.5
6 20	16 2.10	−33 15.6	3.104	4.038	6.5	21.6
6 30	15 56.41	−32 42.5	3.171	4.035	8.6	21.7

348911 2006 SM_{409} 5 27.9 192°.29 4°.3/30.2 18

4 21	16 48.30	−36 40.4	2.795	3.568	11.7	22.2
5 1	16 42.72	−36 59.3	2.702	3.566	9.6	22.0
5 11	16 35.17	−37 7.6	2.631	3.563	7.3	21.9
5 21	16 26.21	−37 3.0	2.586	3.561	5.2	21.8
5 31	16 16.63	−36 44.8	2.569	3.558	4.3	21.7
6 10	16 7.34	−36 14.3	2.581	3.554	5.5	21.8
6 20	15 59.14	−35 34.4	2.619	3.550	7.7	21.9
6 30	15 52.69	−34 49.2	2.683	3.545	10.0	22.0

312840 2011 UW_{37} 5 27.9 9°.22 6°.1/28.9 16

4 21	16 52.07	−34 15.9	2.056	2.849	14.7	20.5
5 1	16 46.56	−35 45.9	1.974	2.850	12.0	20.3
5 11	16 38.23	−37 7.9	1.914	2.851	9.2	20.1
5 21	16 27.68	−38 16.5	1.879	2.852	6.9	20.0
5 31	16 15.94	−39 7.3	1.871	2.854	6.2	19.9
6 10	16 4.35	−39 38.8	1.890	2.856	7.7	20.0
6 20	15 54.16	−39 52.8	1.935	2.859	10.3	20.2
6 30	15 46.39	−39 53.9	2.003	2.861	13.1	20.4

140534 2001 TT_{180} 5 27.9 15°.97 0°.1/27.9 18

4 21	16 44.00	−23 23.7	2.021	2.852	13.5	19.8
5 1	16 39.75	−23 3.9	1.940	2.853	10.4	19.6
5 11	16 33.37	−22 37.8	1.882	2.854	6.8	19.4
5 21	16 25.49	−22 6.1	1.850	2.855	2.9	19.1
5 31	16 17.00	−21 30.7	1.844	2.857	1.3	19.0
6 10	16 8.90	−20 54.4	1.866	2.858	5.3	19.3
6 20	16 2.03	−20 20.7	1.914	2.860	9.1	19.5
6 30	15 57.07	−19 52.6	1.985	2.862	12.4	19.7

168981 2001 CT_{3} 5 27.9 262°.59 3°.5/26.7 18

4 21	16 49.58	−13 30.9	1.861	2.690	14.6	19.9
5 1	16 44.48	−13 9.1	1.754	2.664	11.5	19.7
5 11	16 36.81	−12 48.1	1.669	2.637	7.9	19.4
5 21	16 27.09	−12 30.0	1.609	2.609	4.4	19.1
5 31	16 16.23	−12 17.5	1.577	2.580	4.0	19.0
6 10	16 5.39	−12 12.9	1.571	2.551	7.6	19.2
6 20	15 55.71	−12 18.2	1.591	2.521	11.8	19.3
6 30	15 48.14	−12 34.7	1.634	2.490	15.6	19.5

292497 2006 TX_{7} 5 27.9 211°.09 5°.0/29.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.60	−36 10.5	2.395	3.178	13.1	21.6
5 1	16 43.37	−36 47.4	2.305	3.175	10.8	21.4
5 11	16 35.82	−37 13.5	2.237	3.173	8.2	21.2
5 21	16 26.57	−37 25.8	2.195	3.169	5.9	21.1
5 31	16 16.52	−37 22.6	2.179	3.166	5.0	21.0
6 10	16 6.74	−37 4.8	2.190	3.163	6.3	21.1
6 20	15 58.20	−36 35.3	2.228	3.159	8.8	21.2
6 30	15 51.69	−35 58.8	2.289	3.155	11.4	21.4

422663 1999 RQ_{220} 5 27.9 304°.90 8°.0/30.4 17

4 21	16 47.95	−37 44.0	1.386	2.204	19.2	20.8
5 1	16 44.90	−38 22.4	1.285	2.175	16.2	20.5
5 11	16 38.01	−38 43.3	1.202	2.147	12.8	20.2
5 21	16 27.86	−38 39.8	1.139	2.118	9.4	19.9
5 31	16 15.84	−38 6.8	1.098	2.090	8.0	19.8
6 10	16 3.91	−37 5.0	1.080	2.062	9.9	19.8
6 20	15 53.99	−35 41.2	1.085	2.035	14.0	19.9
6 30	15 47.57	−34 6.5	1.109	2.008	18.3	20.1

130648 2000 SW_{76} 5 27.9 289°.18 0°.9/28.6 18

4 21	16 37.47	−26 23.1	4.263	5.068	7.4	20.1
5 1	16 33.75	−26 19.7	4.167	5.063	5.7	20.0
5 11	16 29.02	−26 12.3	4.096	5.059	3.8	19.8
5 21	16 23.60	−26 1.1	4.053	5.055	1.9	19.7
5 31	16 17.89	−25 46.6	4.040	5.050	1.0	19.6
6 10	16 12.32	−25 29.6	4.055	5.046	2.8	19.7
6 20	16 7.27	−25 11.5	4.100	5.042	4.8	19.9
6 30	16 3.11	−24 53.6	4.170	5.037	6.6	20.0

365926 2011 YQ_{35} 5 27.9 233°.66 3°.3/26.9 17

4 21	16 49.32	−14 0.9	1.669	2.506	15.7	21.6
5 1	16 44.34	−13 46.9	1.583	2.497	12.2	21.3
5 11	16 36.68	−13 34.4	1.517	2.488	8.3	21.1
5 21	16 27.00	−13 25.6	1.476	2.478	4.4	20.8
5 31	16 16.32	−13 22.4	1.462	2.468	3.8	20.7
6 10	16 5.92	−13 26.9	1.474	2.457	7.6	20.9
6 20	15 56.94	−13 40.5	1.510	2.446	11.8	21.2
6 30	15 50.29	−14 3.8	1.569	2.434	15.7	21.4

520309 2014 FU_{75} 5 27.9 88°.54 5°.0/25.5 17

4 21	16 42.63	− 7 29.2	2.316	3.142	12.2	21.4
5 1	16 38.24	− 6 46.9	2.248	3.150	9.7	21.3
5 11	16 32.16	− 6 9.3	2.202	3.158	7.1	21.1
5 21	16 24.95	− 5 39.4	2.182	3.166	5.2	21.0
5 31	16 17.31	− 5 20.0	2.190	3.173	5.4	21.0
6 10	16 10.01	− 5 12.9	2.224	3.181	7.3	21.2
6 20	16 3.69	− 5 18.7	2.284	3.189	9.8	21.4
6 30	15 58.91	− 5 36.9	2.366	3.196	12.2	21.5

342950 2009 AD_{39} 5 27.9 221°.69 0°.6/28.2 17

4 21	16 45.93	−24 24.2	2.259	3.079	12.7	21.7
5 1	16 41.11	−24 13.4	2.168	3.073	9.8	21.5
5 11	16 34.23	−23 56.2	2.099	3.067	6.5	21.2
5 21	16 25.88	−23 32.9	2.056	3.061	2.8	21.0
5 31	16 16.88	−23 4.5	2.042	3.054	1.2	20.9
6 10	16 8.16	−22 33.4	2.056	3.047	5.0	21.1
6 20	16 0.56	−22 2.6	2.096	3.040	8.5	21.3
6 30	15 54.76	−21 35.1	2.161	3.033	11.7	21.5

302858 2003 GN_{36} 5 27.9 340°.68 0°.4/28.1 16

4 21	16 43.60	−23 25.1	2.077	2.907	13.2	21.3
5 1	16 39.47	−23 19.4	1.992	2.904	10.2	21.1
5 11	16 33.23	−23 8.2	1.930	2.901	6.7	20.8
5 21	16 25.48	−22 51.8	1.893	2.898	2.9	20.6
5 31	16 17.07	−22 31.2	1.883	2.895	1.3	20.5
6 10	16 8.96	−22 8.7	1.900	2.893	5.2	20.7
6 20	16 2.03	−21 46.9	1.943	2.891	8.9	20.9
6 30	15 56.97	−21 28.8	2.010	2.889	12.2	21.2

270394 2002 AC_{160} 5 27.9 185°.87 2°.3/26.8 18

4 21	16 47.04	−15 34.7	2.434	3.253	11.9	22.1
5 1	16 41.64	−15 9.4	2.347	3.253	9.1	21.9
5 11	16 34.42	−14 43.4	2.285	3.253	6.1	21.7
5 21	16 25.92	−14 18.2	2.250	3.251	3.1	21.5
5 31	16 16.88	−13 55.9	2.243	3.249	2.7	21.5
6 10	16 8.12	−13 38.4	2.266	3.246	5.6	21.7
6 20	16 0.38	−13 27.5	2.316	3.243	8.7	21.9
6 30	15 54.25	−13 24.4	2.390	3.239	11.5	22.1

381874 2010 AS_{38} 5 27.9 177°.43 3°.3/29.6 18

4 21	16 49.12	−32 49.2	2.257	3.053	13.4	21.4
5 1	16 43.63	−32 47.6	2.170	3.055	10.7	21.2
5 11	16 35.88	−32 34.3	2.105	3.056	7.7	21.0
5 21	16 26.56	−32 7.9	2.066	3.057	4.7	20.8
5 31	16 16.60	−31 28.6	2.054	3.057	3.4	20.7
6 10	16 7.05	−30 39.1	2.070	3.057	5.5	20.9
6 20	15 58.84	−29 43.7	2.114	3.056	8.6	21.0
6 30	15 52.66	−28 47.4	2.182	3.055	11.6	21.2

422646 1996 RW_{13} 5 27.9 284°.55 4°.3/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.64	−30 22.2	1.582	2.405	17.0	22.1
5 1	16 46.34	−30 53.1	1.474	2.375	13.8	21.8
5 11	16 38.63	−31 14.4	1.385	2.345	10.0	21.5
5 21	16 28.07	−31 22.0	1.318	2.314	6.0	21.2
5 31	16 15.79	−31 12.9	1.277	2.283	4.4	21.0
6 10	16 3.43	−30 47.5	1.261	2.251	7.8	21.1
6 20	15 52.61	−30 9.9	1.270	2.219	12.4	21.3
6 30	15 44.70	−29 27.4	1.299	2.186	16.9	21.5

77022 2001 CQ_{16} 5 27.9 62°.94 2°.3/28.6 18

4 21	16 49.46	−26 26.4	1.440	2.278	17.6	19.5
5 1	16 44.86	−26 45.5	1.372	2.286	13.8	19.3
5 11	16 37.15	−26 56.1	1.325	2.295	9.3	19.0
5 21	16 27.20	−26 56.1	1.301	2.303	4.6	18.8
5 31	16 16.32	−26 45.4	1.301	2.312	2.7	18.7
6 10	16 6.05	−26 26.3	1.327	2.321	6.8	19.0
6 20	15 57.68	−26 3.2	1.377	2.330	11.3	19.2
6 30	15 52.14	−25 41.2	1.448	2.339	15.3	19.5

392137 2009 HW 5 27.9 95°.79 5°.8/24.3 17

4 21	16 43.91	− 6 57.5	2.323	3.146	12.3	21.0
5 1	16 39.08	− 5 35.2	2.266	3.164	9.8	20.8
5 11	16 32.62	− 4 17.1	2.232	3.182	7.4	20.7
5 21	16 25.11	− 3 7.6	2.225	3.200	5.9	20.6
5 31	16 17.28	− 2 11.0	2.246	3.217	6.2	20.7
6 10	16 9.87	− 1 30.0	2.294	3.235	8.0	20.8
6 20	16 3.51	− 1 5.7	2.367	3.252	10.3	21.0
6 30	15 58.70	− 0 58.0	2.462	3.269	12.5	21.2

73181 2002 HB_{12} 5 27.9 304°.37 0°.9/27.7 18

4 21	16 47.16	−20 16.2	1.417	2.267	17.2	19.4
5 1	16 43.16	−20 8.6	1.339	2.261	13.4	19.2
5 11	16 36.13	−19 57.0	1.280	2.255	8.8	18.9
5 21	16 26.83	−19 41.9	1.243	2.250	3.7	18.6
5 31	16 16.45	−19 25.0	1.232	2.244	2.0	18.4
6 10	16 6.48	−19 9.2	1.246	2.239	7.2	18.8
6 20	15 58.21	−18 57.9	1.283	2.234	12.1	19.0
6 30	15 52.63	−18 54.2	1.341	2.229	16.4	19.3

416296 2003 RM_{1} 5 27.9 253°.00 3°.8/29.2 17

4 21	16 52.36	−31 6.6	1.916	2.721	15.1	22.2
5 1	16 46.92	−31 27.0	1.808	2.699	12.2	22.0
5 11	16 38.56	−31 37.2	1.722	2.677	8.8	21.7
5 21	16 27.89	−31 34.2	1.659	2.653	5.3	21.5
5 31	16 15.94	−31 16.0	1.624	2.629	3.9	21.3
6 10	16 4.09	−30 43.9	1.616	2.603	6.6	21.4
6 20	15 53.65	−30 2.0	1.634	2.577	10.6	21.6
6 30	15 45.69	−29 16.3	1.676	2.550	14.4	21.8

12291 Gohnaumann 5 27.9 304°.75 1°.4/27.4 18

4 21	16 43.45	−17 17.1	2.297	3.127	12.1	17.7
5 1	16 39.13	−17 14.0	2.208	3.121	9.3	17.5
5 11	16 32.91	−17 10.5	2.143	3.114	6.1	17.3
5 21	16 25.35	−17 7.1	2.104	3.108	2.8	17.1
5 31	16 17.16	−17 5.1	2.092	3.102	2.0	17.0
6 10	16 9.19	−17 5.8	2.108	3.096	5.2	17.2
6 20	16 2.22	−17 10.4	2.151	3.090	8.6	17.4
6 30	15 56.88	−17 20.1	2.218	3.085	11.7	17.6

274182 2008 GA_{85} 5 27.9 295°.81 0°.8/28.2 18

4 21	16 44.76	−23 16.0	2.247	3.071	12.6	20.9
5 1	16 40.37	−23 31.8	2.147	3.055	9.8	20.7
5 11	16 33.88	−23 44.1	2.071	3.040	6.5	20.5
5 21	16 25.81	−23 52.1	2.019	3.024	2.9	20.2
5 31	16 16.93	−23 55.7	1.996	3.008	1.4	20.1
6 10	16 8.19	−23 55.9	2.000	2.993	5.0	20.3
6 20	16 0.48	−23 54.4	2.031	2.977	8.7	20.5
6 30	15 54.53	−23 53.5	2.086	2.962	11.9	20.7

54464 2000 OX_{1} 5 27.9 189°.39 3°.5/29.7 18

4 21	16 46.94	−33 27.7	2.513	3.305	12.3	19.3
5 1	16 41.82	−33 38.3	2.423	3.304	9.9	19.2
5 11	16 34.67	−33 38.7	2.356	3.303	7.2	19.0
5 21	16 26.07	−33 27.2	2.315	3.302	4.6	18.8
5 31	16 16.86	−33 3.6	2.301	3.300	3.6	18.7
6 10	16 7.97	−32 29.7	2.316	3.299	5.2	18.8
6 20	16 0.22	−31 48.7	2.357	3.297	8.0	19.0
6 30	15 54.28	−31 4.7	2.423	3.295	10.6	19.2

427904 2005 UC_{154} 5 27.9 219°.35 0°.2/27.8 17

4 21	16 47.61	−22 22.9	2.070	2.894	13.5	22.4
5 1	16 42.57	−22 6.7	1.978	2.887	10.5	22.1
5 11	16 35.29	−21 44.9	1.909	2.879	6.9	21.9
5 21	16 26.38	−21 17.9	1.865	2.871	2.9	21.6
5 31	16 16.72	−20 47.3	1.850	2.862	1.3	21.5
6 10	16 7.35	−20 15.8	1.862	2.853	5.5	21.8
6 20	15 59.20	−19 46.4	1.901	2.844	9.4	22.0
6 30	15 53.02	−19 22.5	1.964	2.834	12.8	22.2

519267 2011 AM_{82} 5 27.9 221°.52 2°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.91	−27 23.4	1.934	2.750	14.6	21.9
5 1	16 44.69	−27 41.3	1.843	2.744	11.5	21.7
5 11	16 36.87	−27 51.8	1.773	2.737	7.9	21.5
5 21	16 27.10	−27 53.0	1.729	2.729	4.1	21.2
5 31	16 16.39	−27 44.2	1.712	2.721	2.6	21.1
6 10	16 5.95	−27 27.0	1.722	2.713	5.9	21.3
6 20	15 56.90	−27 4.5	1.758	2.704	9.8	21.5
6 30	15 50.11	−26 41.1	1.818	2.695	13.4	21.7

507531 2012 WM_{10} 5 27.9 128°.96 0°.1/27.9 17

4 21	16 45.54	−22 5.9	2.560	3.377	11.4	22.2
5 1	16 40.40	−21 56.5	2.484	3.389	8.8	22.0
5 11	16 33.56	−21 43.2	2.432	3.401	5.7	21.8
5 21	16 25.56	−21 26.3	2.407	3.412	2.4	21.6
5 31	16 17.13	−21 7.1	2.410	3.423	1.1	21.5
6 10	16 9.04	−20 47.2	2.443	3.434	4.4	21.8
6 20	16 1.97	−20 28.8	2.503	3.444	7.5	22.0
6 30	15 56.47	−20 14.0	2.588	3.453	10.2	22.2

109720 2001 RR_{53} 5 27.9 187°.49 6°.1/25.1 18

4 21	16 43.44	− 4 43.1	2.224	3.046	12.8	20.0
5 1	16 38.99	− 3 55.3	2.150	3.046	10.3	19.8
5 11	16 32.74	− 3 13.9	2.098	3.046	7.9	19.7
5 21	16 25.26	− 2 42.4	2.071	3.045	6.3	19.6
5 31	16 17.25	− 2 24.3	2.071	3.045	6.5	19.6
6 10	16 9.55	− 2 21.4	2.098	3.044	8.4	19.7
6 20	16 2.86	− 2 34.0	2.149	3.043	10.8	19.9
6 30	15 57.77	− 3 1.3	2.222	3.042	13.3	20.0

501598 2014 QD_{241} 5 27.9 331°.05 1°.7/27.5 17

4 21	16 43.70	−18 43.8	1.076	1.949	19.8	21.2
5 1	16 41.37	−18 36.7	1.001	1.937	15.4	20.9
5 11	16 35.47	−18 26.8	0.944	1.925	10.2	20.6
5 21	16 26.73	−18 15.7	0.907	1.914	4.5	20.2
5 31	16 16.54	−18 5.5	0.892	1.904	2.8	20.0
6 10	16 6.72	−17 59.7	0.899	1.895	8.7	20.3
6 20	15 58.91	−18 1.4	0.926	1.887	14.5	20.6
6 30	15 54.35	−18 13.4	0.972	1.880	19.5	20.9

230046 2000 SO_{30} 5 27.9 172°.28 5°.4/30.3 17

4 21	16 52.75	−37 50.1	2.426	3.195	13.3	21.5
5 1	16 46.53	−38 27.9	2.340	3.199	11.0	21.4
5 11	16 37.88	−38 53.7	2.275	3.202	8.5	21.2
5 21	16 27.47	−39 4.0	2.236	3.204	6.3	21.1
5 31	16 16.26	−38 57.0	2.224	3.206	5.4	21.0
6 10	16 5.40	−38 33.8	2.240	3.207	6.6	21.1
6 20	15 55.90	−37 57.7	2.283	3.208	8.9	21.2
6 30	15 48.56	−37 13.9	2.350	3.208	11.4	21.4

434086 2002 CC_{59} 5 27.9 66°.38 18°.3/20.3 18

4 21	16 47.78	+27 1.2	1.779	2.474	19.9	19.9
5 1	16 42.53	+29 18.5	1.778	2.504	19.0	19.9
5 11	16 35.03	+31 1.0	1.792	2.534	18.5	19.9
5 21	16 26.14	+32 2.3	1.821	2.563	18.3	20.0
5 31	16 16.93	+32 19.5	1.867	2.592	18.5	20.1
6 10	16 8.49	+31 54.6	1.927	2.621	19.0	20.2
6 20	16 1.64	+30 52.6	2.000	2.650	19.5	20.3
6 30	15 56.97	+29 20.8	2.086	2.678	20.1	20.4

306978 2001 VW_{84} 5 27.9 235°.45 0°.8/28.4 18

4 21	16 47.56	−27 16.2	1.805	2.631	15.1	20.1
5 1	16 42.82	−26 32.1	1.718	2.627	11.8	19.9
5 11	16 35.55	−25 35.5	1.654	2.622	7.9	19.6
5 21	16 26.50	−24 27.2	1.614	2.618	3.5	19.4
5 31	16 16.72	−23 10.3	1.601	2.614	1.5	19.2
6 10	16 7.41	−21 50.2	1.616	2.609	5.9	19.5
6 20	15 59.61	−20 33.1	1.657	2.604	10.2	19.7
6 30	15 54.09	−19 24.6	1.721	2.599	13.9	19.9

19111 1981 EM_{29} 5 27.9 359°.93 3°.9/29.3 18

4 21	16 46.13	−30 44.1	1.237	2.084	19.4	18.3
5 1	16 42.96	−30 48.7	1.166	2.082	15.5	18.1
5 11	16 36.28	−30 37.5	1.113	2.081	10.9	17.8
5 21	16 26.96	−30 8.2	1.081	2.081	6.2	17.5
5 31	16 16.51	−29 21.1	1.072	2.081	4.0	17.4
6 10	16 6.70	−28 21.2	1.087	2.082	7.7	17.6
6 20	15 59.04	−27 16.2	1.124	2.084	12.5	17.9
6 30	15 54.56	−26 14.2	1.181	2.086	17.0	18.2

92109 1999 XV_{57} 5 27.9 230°.64 0°.8/27.5 18

4 21	16 42.98	−20 14.2	2.751	3.571	10.6	20.0
5 1	16 38.46	−19 51.2	2.655	3.563	8.2	19.8
5 11	16 32.34	−19 24.8	2.584	3.554	5.3	19.7
5 21	16 25.10	−18 56.0	2.541	3.546	2.3	19.4
5 31	16 17.36	−18 26.3	2.526	3.537	1.4	19.3
6 10	16 9.83	−17 57.8	2.540	3.528	4.5	19.6
6 20	16 3.16	−17 32.6	2.581	3.518	7.5	19.7
6 30	15 57.87	−17 12.6	2.648	3.509	10.2	19.9

431803 2008 QL_{40} 5 27.9 242.°92 1.°0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.18	−25 21.6	2.049	2.871	13.7	21.7
5 1	16 42.37	−25 13.1	1.954	2.861	10.7	21.5
5 11	16 35.25	−24 57.2	1.882	2.850	7.1	21.3
5 21	16 26.41	−24 33.5	1.835	2.838	3.2	21.0
5 31	16 16.77	−24 3.1	1.815	2.827	1.5	20.8
6 10	16 7.40	−23 28.4	1.823	2.815	5.4	21.1
6 20	15 59.26	−22 53.0	1.857	2.803	9.3	21.3
6 30	15 53.15	−22 20.7	1.915	2.790	12.8	21.5

432339 2009 VQ_{16} 5 27.9 163.°84 0.°7/28.4 17

4 21	16 48.69	−28 16.3	1.915	2.732	14.7	20.6
5 1	16 43.43	−27 14.9	1.830	2.734	11.4	20.4
5 11	16 35.80	−25 59.7	1.769	2.736	7.6	20.2
5 21	16 26.56	−24 32.2	1.733	2.737	3.4	19.9
5 31	16 16.75	−22 56.2	1.726	2.738	1.4	19.8
6 10	16 7.51	−21 18.1	1.747	2.740	5.6	20.1
6 20	15 59.77	−19 44.4	1.796	2.740	9.7	20.3
6 30	15 54.22	−18 21.1	1.869	2.741	13.2	20.5

481089 2005 SB_{172} 5 27.9 250.°35 1.°3/28.6 18

4 21	16 45.05	−26 19.9	2.621	3.432	11.4	22.6
5 1	16 40.28	−26 18.7	2.518	3.417	8.9	22.4
5 11	16 33.67	−26 11.3	2.438	3.402	6.0	22.2
5 21	16 25.70	−25 57.3	2.385	3.387	2.9	21.9
5 31	16 17.09	−25 37.0	2.360	3.371	1.5	21.8
6 10	16 8.66	−25 12.2	2.364	3.355	4.5	22.0
6 20	16 1.15	−24 45.1	2.396	3.339	7.7	22.2
6 30	15 55.22	−24 18.9	2.452	3.323	10.6	22.3

80805 2000 CU_{103} 5 27.9 126.°54 1.°5/27.3 18

4 21	16 47.90	−19 58.1	1.749	2.585	15.1	19.4
5 1	16 42.93	−19 21.9	1.677	2.593	11.6	19.2
5 11	16 35.54	−18 40.8	1.628	2.601	7.6	19.0
5 21	16 26.48	−17 56.6	1.603	2.608	3.3	18.7
5 31	16 16.78	−17 12.6	1.605	2.615	2.3	18.7
6 10	16 7.61	−16 32.5	1.634	2.622	6.4	18.9
6 20	15 59.92	−15 59.9	1.688	2.629	10.5	19.2
6 30	15 54.44	−15 37.4	1.765	2.635	14.0	19.4

403002 2007 VE_{270} 5 27.9 208.°44 0.°8/28.3 17

4 21	16 50.27	−25 38.0	1.905	2.725	14.7	21.8
5 1	16 44.85	−25 17.8	1.815	2.720	11.4	21.6
5 11	16 36.90	−24 48.4	1.746	2.714	7.6	21.3
5 21	16 27.10	−24 10.0	1.702	2.707	3.4	21.0
5 31	16 16.49	−23 23.9	1.687	2.699	1.5	20.9
6 10	16 6.24	−22 33.8	1.699	2.691	5.8	21.2
6 20	15 57.42	−21 44.2	1.737	2.682	10.0	21.4
6 30	15 50.85	−20 59.9	1.799	2.672	13.6	21.6

478070 2011 UQ_{8} 5 27.9 235.°27 0.°1/27.9 18

4 21	16 44.43	−22 9.9	2.514	3.334	11.5	21.9
5 1	16 39.77	−22 3.0	2.420	3.327	8.9	21.7
5 11	16 33.31	−21 52.1	2.349	3.318	5.8	21.5
5 21	16 25.54	−21 37.4	2.305	3.310	2.4	21.3
5 31	16 17.19	−21 19.9	2.289	3.302	1.1	21.2
6 10	16 9.05	−21 1.4	2.302	3.293	4.6	21.4
6 20	16 1.85	−20 44.0	2.342	3.284	7.9	21.6
6 30	15 56.23	−20 29.8	2.407	3.275	10.8	21.8

258038 2001 KB_{38} 5 27.9 14.°23 4.°3/27.3 17

4 21	16 43.95	−12 2.7	1.087	1.959	19.7	19.2
5 1	16 41.09	−12 5.1	1.030	1.963	15.4	19.0
5 11	16 34.94	−12 14.8	0.992	1.969	10.5	18.7
5 21	16 26.38	−12 34.0	0.974	1.977	5.7	18.5
5 31	16 16.82	−13 4.1	0.978	1.985	4.9	18.5
6 10	16 7.91	−13 45.2	1.005	1.996	9.1	18.7
6 20	16 1.00	−14 36.2	1.053	2.007	13.9	19.0
6 30	15 57.07	−15 35.4	1.121	2.020	18.2	19.3

387727 2003 FQ_{23} 5 27.9 13.°32 10.°2/31.4 16

4 21	16 50.48	−44 56.2	1.802	2.569	17.4	20.2
5 1	16 46.15	−46 24.6	1.732	2.573	15.1	20.1
5 11	16 38.36	−47 35.5	1.681	2.577	12.8	19.9
5 21	16 27.90	−48 21.8	1.651	2.582	11.0	19.8
5 31	16 16.11	−48 38.7	1.643	2.588	10.2	19.8
6 10	16 4.76	−48 26.1	1.659	2.595	10.9	19.9
6 20	15 55.40	−47 48.8	1.697	2.602	12.6	20.0
6 30	15 49.17	−46 54.5	1.756	2.610	14.8	20.1

304626 2006 VA_{138} 5 27.9 93.°05 0.°7/27.7 17

4 21	16 45.62	−18 42.8	2.272	3.098	12.4	21.3
5 1	16 40.78	−18 53.7	2.191	3.101	9.5	21.1
5 11	16 34.00	−19 3.7	2.133	3.104	6.2	20.9
5 21	16 25.84	−19 12.9	2.101	3.107	2.6	20.7
5 31	16 17.08	−19 21.7	2.098	3.110	1.4	20.6
6 10	16 8.59	−19 30.9	2.123	3.113	5.0	20.8
6 20	16 1.17	−19 41.8	2.174	3.116	8.4	21.0
6 30	15 55.47	−19 55.4	2.250	3.119	11.4	21.2

46858 1998 QB_{50} 5 27.9 342.°12 6.°0/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.16	−31 52.3	1.352	2.187	18.7	17.8
5 1	16 44.62	−32 51.7	1.275	2.181	15.2	17.6
5 11	16 37.52	−33 40.3	1.217	2.175	11.2	17.3
5 21	16 27.60	−34 12.6	1.180	2.170	7.4	17.1
5 31	16 16.25	−34 24.6	1.166	2.166	6.0	17.0
6 10	16 5.26	−34 16.8	1.176	2.162	8.7	17.1
6 20	15 56.30	−33 53.6	1.209	2.160	12.7	17.3
6 30	15 50.56	−33 22.3	1.261	2.157	16.7	17.6

86900 2000 HM_{42} 5 27.9 187.°42 0.°1/27.9 18

4 21	16 48.38	−21 44.9	1.755	2.588	15.2	19.8
5 1	16 43.53	−21 48.1	1.674	2.588	11.7	19.6
5 11	16 36.11	−21 47.2	1.616	2.587	7.7	19.4
5 21	16 26.80	−21 41.9	1.581	2.587	3.2	19.1
5 31	16 16.65	−21 33.0	1.574	2.586	1.4	18.9
6 10	16 6.88	−21 22.3	1.593	2.586	6.0	19.2
6 20	15 58.56	−21 12.7	1.638	2.585	10.3	19.5
6 30	15 52.53	−21 6.9	1.705	2.584	14.0	19.7

65153 2002 CK_{136} 5 27.9 33.°40 1.°6/27.1 18

4 21	16 43.07	−18 42.3	2.201	3.033	12.5	19.2
5 1	16 38.84	−18 10.8	2.121	3.035	9.6	19.0
5 11	16 32.72	−17 36.2	2.064	3.036	6.3	18.8
5 21	16 25.30	−17 0.3	2.033	3.038	2.8	18.5
5 31	16 17.35	−16 25.4	2.030	3.040	2.2	18.5
6 10	16 9.73	−15 54.3	2.055	3.042	5.5	18.7
6 20	16 3.20	−15 29.4	2.106	3.044	8.9	18.9
6 30	15 58.36	−15 12.7	2.180	3.046	11.9	19.1

176548 2002 AX_{103} 5 27.9 103.°37 0.°2/28.0 17

4 21	16 45.01	−22 52.7	2.443	3.263	11.8	21.0
5 1	16 40.10	−22 43.7	2.370	3.276	9.1	20.9
5 11	16 33.42	−22 30.3	2.320	3.289	5.9	20.7
5 21	16 25.56	−22 12.7	2.297	3.302	2.5	20.5
5 31	16 17.25	−21 52.1	2.302	3.314	1.1	20.4
6 10	16 9.30	−21 30.5	2.335	3.327	4.5	20.6
6 20	16 2.42	−21 10.0	2.396	3.339	7.7	20.9
6 30	15 57.17	−20 53.0	2.481	3.351	10.5	21.1

41530 2000 RD_{9} 5 27.9 230.°10 1.°1/27.5 17

4 21	16 49.19	−20 25.7	1.803	2.633	14.9	19.1
5 1	16 44.16	−20 3.0	1.710	2.623	11.6	18.9
5 11	16 36.55	−19 35.3	1.640	2.612	7.6	18.6
5 21	16 27.02	−19 3.4	1.595	2.600	3.2	18.3
5 31	16 16.56	−18 29.5	1.577	2.588	2.0	18.2
6 10	16 6.39	−17 56.9	1.586	2.575	6.4	18.4
6 20	15 57.59	−17 29.1	1.620	2.562	10.8	18.7
6 30	15 51.04	−17 9.5	1.678	2.548	14.6	18.9

311224 2005 AA_{44} 5 27.9 98.°21 1.°0/28.3 17

4 21	16 50.94	−24 26.0	1.543	2.377	16.8	21.6
5 1	16 45.66	−24 28.2	1.478	2.391	13.0	21.4
5 11	16 37.51	−24 23.0	1.434	2.405	8.6	21.2
5 21	16 27.36	−24 9.9	1.414	2.418	3.8	20.9
5 31	16 16.45	−23 49.6	1.420	2.432	1.7	20.8
6 10	16 6.21	−23 25.3	1.452	2.445	6.4	21.1
6 20	15 57.77	−23 0.7	1.508	2.458	10.8	21.4
6 30	15 51.98	−22 40.2	1.587	2.471	14.6	21.7

438952 2010 KA_{105} 5 27.9 325.°48 3.°1/26.7 16

4 21	16 41.05	−15 40.3	1.701	2.552	14.7	20.8
5 1	16 38.06	−15 7.1	1.605	2.528	11.5	20.5
5 11	16 32.67	−14 32.2	1.531	2.505	7.8	20.3
5 21	16 25.43	−13 58.3	1.480	2.483	4.1	20.0
5 31	16 17.25	−13 28.6	1.455	2.462	3.8	19.9
6 10	16 9.24	−13 6.8	1.455	2.441	7.5	20.1
6 20	16 2.43	−12 55.5	1.479	2.421	11.6	20.3
6 30	15 57.71	−12 56.7	1.524	2.402	15.4	20.5

385468 2003 UF_{108} 5 27.9 201.°36 1.°5/28.5 18

4 21	16 47.59	−25 57.2	2.281	3.095	12.7	21.5
5 1	16 42.44	−26 8.2	2.191	3.092	9.9	21.3
5 11	16 35.18	−26 13.1	2.125	3.089	6.7	21.1
5 21	16 26.37	−26 11.2	2.084	3.086	3.3	20.9
5 31	16 16.86	−26 2.3	2.071	3.082	1.8	20.7
6 10	16 7.62	−25 48.1	2.087	3.078	5.0	21.0
6 20	15 59.53	−25 30.8	2.129	3.073	8.4	21.2
6 30	15 53.28	−25 13.6	2.196	3.069	11.5	21.4

167809 2005 BK_{21} 5 27.9 89.°65 3.°8/29.1 18

4 21	16 50.98	−29 40.7	1.493	2.321	17.6	20.0
5 1	16 46.12	−30 9.2	1.422	2.327	14.0	19.8
5 11	16 38.08	−30 26.8	1.371	2.334	9.8	19.6
5 21	16 27.69	−30 30.3	1.343	2.340	5.6	19.3
5 31	16 16.29	−30 18.7	1.340	2.347	3.9	19.3
6 10	16 5.47	−29 54.1	1.363	2.353	7.1	19.5
6 20	15 56.59	−29 21.6	1.409	2.360	11.3	19.7
6 30	15 50.60	−28 47.4	1.477	2.366	15.2	20.0

365488 2010 PM_{76} 5 27.9 279.°59 2.°6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.74	−27 37.1	1.577	2.407	16.7	21.5
5 1	16 45.45	−27 48.0	1.473	2.381	13.4	21.2
5 11	16 37.95	−27 49.5	1.388	2.355	9.3	20.9
5 21	16 27.81	−27 39.2	1.326	2.328	4.8	20.6
5 31	16 16.17	−27 15.9	1.290	2.300	2.9	20.4
6 10	16 4.57	−26 41.6	1.279	2.273	7.1	20.5
6 20	15 54.51	−26 1.1	1.293	2.244	12.0	20.7
6 30	15 47.21	−25 20.8	1.328	2.216	16.6	20.9

98225 2000 SU_{146} 5 27.9 124.°61 1.°4/28.4 17

4 21	16 50.63	−25 17.5	1.580	2.412	16.6	19.5
5 1	16 45.50	−25 20.6	1.508	2.419	12.9	19.3
5 11	16 37.48	−25 15.6	1.457	2.427	8.6	19.0
5 21	16 27.39	−25 1.7	1.430	2.434	3.9	18.8
5 31	16 16.46	−24 39.5	1.429	2.441	1.9	18.6
6 10	16 6.10	−24 12.1	1.454	2.448	6.4	18.9
6 20	15 57.49	−23 43.5	1.504	2.454	10.8	19.2
6 30	15 51.50	−23 18.3	1.577	2.460	14.7	19.5

501308 2013 WW_{78} 5 27.9 208.°33 0.°6/27.7 17

4 21	16 48.39	−20 6.2	2.509	3.323	11.7	22.7
5 1	16 42.80	−20 1.8	2.412	3.316	9.0	22.5
5 11	16 35.30	−19 54.7	2.339	3.307	5.9	22.3
5 21	16 26.42	−19 45.2	2.293	3.298	2.5	22.1
5 31	16 16.88	−19 34.0	2.277	3.289	1.3	22.0
6 10	16 7.54	−19 22.8	2.290	3.278	4.8	22.2
6 20	15 59.19	−19 13.3	2.330	3.267	8.2	22.4
6 30	15 52.47	−19 7.6	2.396	3.255	11.2	22.6

305461 2008 DT_{23} 5 27.9 111.°57 5.°2/25.2 18

4 21	16 42.45	− 7 15.2	2.329	3.155	12.1	20.9
5 1	16 38.16	− 6 24.7	2.257	3.158	9.7	20.7
5 11	16 32.19	− 5 38.5	2.207	3.162	7.2	20.5
5 21	16 25.07	− 5 0.1	2.184	3.165	5.4	20.4
5 31	16 17.50	− 4 32.5	2.188	3.168	5.6	20.5
6 10	16 10.23	− 4 17.9	2.218	3.172	7.5	20.6
6 20	16 3.93	− 4 17.2	2.274	3.175	10.0	20.7
6 30	15 59.15	− 4 30.0	2.352	3.178	12.4	20.9

261044 2005 SB_{154} 5 27.9 268.°81 5.°0/30.0 16

4 21	16 47.72	−35 54.6	2.328	3.115	13.3	21.0
5 1	16 42.79	−36 31.1	2.241	3.114	10.9	20.8
5 11	16 35.53	−36 56.7	2.175	3.112	8.3	20.6
5 21	16 26.57	−37 8.4	2.134	3.110	6.0	20.5
5 31	16 16.82	−37 4.7	2.120	3.108	5.0	20.4
6 10	16 7.36	−36 46.5	2.132	3.106	6.4	20.5
6 20	15 59.14	−36 16.8	2.171	3.105	8.9	20.6
6 30	15 52.97	−35 40.3	2.234	3.103	11.5	20.8

420772 2013 GY_{37} 5 27.9 319.°87 8.°5/25.0 17

4 21	16 42.25	− 8 3.4	1.184	2.051	18.8	20.3
5 1	16 39.81	− 6 52.2	1.107	2.032	15.2	20.0
5 11	16 34.24	− 5 44.9	1.047	2.014	11.5	19.7
5 21	16 26.22	− 4 49.3	1.009	1.997	8.8	19.5
5 31	16 16.95	− 4 13.3	0.992	1.981	9.1	19.5
6 10	16 7.94	− 4 2.5	0.996	1.965	12.5	19.6
6 20	16 0.62	− 4 18.9	1.021	1.950	16.7	19.8
6 30	15 56.08	− 5 0.9	1.063	1.936	20.9	20.0

499470 2010 GN_{138} 5 27.9 115.°21 3.°3/29.4 17

4 21	16 49.57	−31 27.2	2.241	3.040	13.4	22.4
5 1	16 43.95	−31 47.2	2.168	3.055	10.6	22.3
5 11	16 36.12	−31 57.4	2.117	3.069	7.6	22.1
5 21	16 26.75	−31 56.2	2.091	3.083	4.6	21.9
5 31	16 16.78	−31 43.1	2.093	3.096	3.4	21.9
6 10	16 7.27	−31 19.9	2.124	3.109	5.4	22.0
6 20	15 59.10	−30 50.0	2.181	3.122	8.4	22.2
6 30	15 52.95	−30 17.4	2.262	3.134	11.3	22.4

236559 2006 HZ_{68} 5 27.9 274.°77 0.°6/28.1 17

4 21	16 46.90	−22 41.5	1.948	2.776	14.0	21.0
5 1	16 42.25	−22 55.3	1.862	2.772	10.9	20.7
5 11	16 35.23	−23 5.2	1.798	2.768	7.2	20.5
5 21	16 26.46	−23 10.5	1.759	2.764	3.1	20.2
5 31	16 16.88	−23 11.4	1.748	2.760	1.4	20.1
6 10	16 7.58	−23 9.0	1.764	2.756	5.5	20.4
6 20	15 59.55	−23 5.6	1.805	2.753	9.5	20.6
6 30	15 53.58	−23 3.8	1.870	2.749	13.0	20.8

95192 2002 BS_{12} 5 27.9 272.°24 1.°8/27.3 17

4 21	16 46.26	−17 41.0	1.834	2.670	14.5	20.7
5 1	16 41.88	−17 26.5	1.741	2.657	11.2	20.4
5 11	16 35.07	−17 10.1	1.670	2.643	7.4	20.2
5 21	16 26.43	−16 53.1	1.624	2.629	3.4	19.9
5 31	16 16.89	−16 37.3	1.605	2.615	2.5	19.8
6 10	16 7.56	−16 25.3	1.612	2.601	6.5	20.0
6 20	15 59.49	−16 19.2	1.645	2.586	10.6	20.2
6 30	15 53.51	−16 21.1	1.700	2.572	14.4	20.4

505624 2014 GU_{53} 5 27.9 323.°94 0.°6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 22.74	+ 0 36.5	37.381	38.172	0.9	21.5
5 1	16 22.05	+ 0 41.7	37.303	38.169	0.8	21.5
5 11	16 21.27	+ 0 46.2	37.249	38.165	0.6	21.5
5 21	16 20.45	+ 0 49.8	37.222	38.162	0.6	21.5
5 31	16 19.60	+ 0 52.5	37.223	38.158	0.6	21.5
6 10	16 18.76	+ 0 54.1	37.250	38.155	0.7	21.5
6 20	16 17.96	+ 0 54.7	37.303	38.151	0.9	21.5
6 30	16 17.23	+ 0 54.2	37.381	38.147	1.0	21.5

125378 2001 VF_{79} 5 27.9 309.°57 0.°9/28.2 18

4 21	16 47.37	−23 32.2	1.670	2.506	15.7	19.7
5 1	16 42.98	−23 40.6	1.589	2.503	12.2	19.4
5 11	16 35.89	−23 43.4	1.529	2.500	8.1	19.2
5 21	16 26.79	−23 40.0	1.492	2.497	3.6	18.9
5 31	16 16.76	−23 30.7	1.482	2.494	1.6	18.7
6 10	16 7.10	−23 17.5	1.498	2.492	6.2	19.0
6 20	15 58.94	−23 3.5	1.538	2.489	10.5	19.3
6 30	15 53.19	−22 52.2	1.601	2.486	14.4	19.5

469568 2003 WL_{6} 5 27.9 236.°85 0.°2/28.1 16

4 21	16 46.67	−24 51.6	2.369	3.185	12.3	22.0
5 1	16 41.64	−24 17.9	2.268	3.172	9.5	21.8
5 11	16 34.62	−23 36.1	2.190	3.158	6.3	21.6
5 21	16 26.16	−22 46.9	2.139	3.144	2.7	21.3
5 31	16 17.06	−21 52.2	2.117	3.130	1.1	21.2
6 10	16 8.23	−20 55.4	2.124	3.115	4.9	21.4
6 20	16 0.46	−20 0.4	2.158	3.099	8.5	21.6
6 30	15 54.44	−19 10.9	2.217	3.084	11.7	21.8

308361 2005 QD_{149} 5 27.9 200.°23 5.°2/24.4 18

4 21	16 41.99	− 3 48.2	3.048	3.854	10.0	21.2
5 1	16 37.46	− 2 53.7	2.965	3.850	8.2	21.1
5 11	16 31.60	− 2 3.9	2.907	3.846	6.4	20.9
5 21	16 24.82	− 1 21.7	2.876	3.841	5.3	20.9
5 31	16 17.67	− 0 49.9	2.874	3.836	5.5	20.9
6 10	16 10.71	− 0 30.4	2.898	3.830	7.0	20.9
6 20	16 4.47	− 0 23.8	2.949	3.823	8.8	21.1
6 30	15 59.39	− 0 30.1	3.023	3.817	10.7	21.2

388369 2006 UN_{62} 5 27.9 274.°73 3.°2/26.3 16

4 21	16 43.06	−14 38.0	2.169	3.003	12.6	21.1
5 1	16 38.88	−13 51.1	2.084	2.997	9.8	20.9
5 11	16 32.81	−13 3.0	2.022	2.991	6.6	20.7
5 21	16 25.40	−12 16.4	1.986	2.985	3.8	20.5
5 31	16 17.41	−11 34.8	1.977	2.979	3.7	20.5
6 10	16 9.70	−11 1.1	1.996	2.973	6.5	20.7
6 20	16 3.04	−10 37.8	2.041	2.967	9.7	20.8
6 30	15 58.06	−10 26.1	2.108	2.961	12.7	21.0

122666 2000 RX_{99} 5 27.9 259.°99 5.°1/30.4 18

4 21	16 49.89	−36 33.0	1.959	2.752	15.3	20.3
5 1	16 44.93	−36 38.1	1.860	2.738	12.6	20.1
5 11	16 37.19	−36 27.6	1.781	2.723	9.5	19.9
5 21	16 27.35	−35 58.5	1.726	2.708	6.5	19.6
5 31	16 16.54	−35 9.8	1.698	2.693	5.1	19.5
6 10	16 6.08	−34 4.2	1.696	2.678	6.9	19.6
6 20	15 57.17	−32 47.4	1.720	2.663	10.2	19.8
6 30	15 50.73	−31 26.7	1.767	2.647	13.5	19.9

106170 2000 TF_{68} 5 27.9 145.°59 0.°4/27.7 18

4 21	16 44.25	−21 17.8	2.619	3.439	11.1	20.3
5 1	16 39.45	−21 0.6	2.538	3.445	8.5	20.1
5 11	16 33.00	−20 39.7	2.481	3.451	5.5	19.9
5 21	16 25.43	−20 15.8	2.451	3.456	2.3	19.7
5 31	16 17.42	−19 50.4	2.450	3.462	1.2	19.6
6 10	16 9.70	−19 25.4	2.477	3.467	4.4	19.9
6 20	16 2.95	−19 2.9	2.532	3.472	7.5	20.1
6 30	15 57.68	−18 45.1	2.612	3.476	10.2	20.2

183867 2004 CP_{21} 5 27.9 244.°94 0.°6/28.2 18

4 21	16 49.67	−24 2.5	1.933	2.755	14.4	21.1
5 1	16 44.55	−23 57.0	1.832	2.739	11.3	20.9
5 11	16 36.87	−23 44.8	1.753	2.722	7.5	20.6
5 21	16 27.23	−23 25.6	1.699	2.704	3.3	20.3
5 31	16 16.58	−22 59.9	1.673	2.685	1.4	20.2
6 10	16 6.12	−22 30.3	1.674	2.666	5.9	20.4
6 20	15 56.95	−22 0.2	1.702	2.646	10.1	20.6
6 30	15 49.97	−21 33.7	1.752	2.626	13.9	20.8

427876 2005 SZ_{84} 5 27.9 162.°27 0.°4/28.1 17

4 21	16 49.03	−23 30.6	2.175	2.992	13.2	22.9
5 1	16 43.50	−23 25.6	2.093	2.998	10.2	22.7
5 11	16 35.84	−23 15.2	2.035	3.003	6.7	22.5
5 21	16 26.67	−22 59.2	2.003	3.007	2.9	22.3
5 31	16 16.89	−22 38.7	1.999	3.011	1.2	22.2
6 10	16 7.48	−22 15.7	2.023	3.015	5.1	22.5
6 20	15 59.31	−21 53.0	2.075	3.018	8.7	22.7
6 30	15 53.07	−21 33.6	2.151	3.020	11.9	22.9

127939 2003 HX_2 5 27.9 3°.66 0°.3/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.08	−23 0.5	1.391	2.245	17.3	20.1
5 1	16 40.83	−22 53.2	1.319	2.244	13.4	19.8
5 11	16 34.64	−22 39.1	1.268	2.244	8.8	19.6
5 21	16 26.31	−22 18.3	1.238	2.245	3.7	19.3
5 31	16 17.05	−21 52.7	1.233	2.246	1.6	19.1
6 10	16 8.29	−21 25.7	1.253	2.249	6.8	19.5
6 20	16 1.25	−21 1.4	1.296	2.252	11.6	19.7
6 30	15 56.85	−20 43.7	1.359	2.256	15.7	20.0

329336 2001 FT_{216} 5 27.9 91°.99 0°.7/28.2 17

4 21	16 50.06	−23 53.6	1.569	2.404	16.6	21.7
5 1	16 44.95	−23 50.1	1.505	2.418	12.8	21.5
5 11	16 37.05	−23 39.6	1.460	2.432	8.4	21.2
5 21	16 27.23	−23 21.8	1.440	2.445	3.6	21.0
5 31	16 16.68	−22 58.1	1.446	2.459	1.6	20.9
6 10	16 6.77	−22 31.5	1.478	2.472	6.3	21.2
6 20	15 58.61	−22 5.9	1.535	2.485	10.6	21.5
6 30	15 53.00	−21 45.3	1.615	2.498	14.4	21.7

309155 2007 AR_4 5 27.9 198°.51 0°.6/27.6 18

4 21	16 44.20	−20 4.8	2.806	3.623	10.5	22.1
5 1	16 39.38	−19 54.4	2.715	3.620	8.1	21.9
5 11	16 32.97	−19 41.3	2.648	3.617	5.3	21.7
5 21	16 25.45	−19 26.2	2.608	3.613	2.2	21.5
5 31	16 17.44	−19 10.1	2.597	3.609	1.2	21.4
6 10	16 9.65	−18 54.7	2.616	3.605	4.3	21.7
6 20	16 2.70	−18 41.5	2.662	3.600	7.3	21.8
6 30	15 57.14	−18 32.2	2.734	3.595	9.9	22.0

3744 Horn–d′Arturo 5 27.9 200°.12 0°.5/27.7 18 R

4 21	16 47.46	−21 13.8	2.530	3.345	11.6	18.3
5 1	16 42.05	−20 54.2	2.437	3.340	9.0	18.2
5 11	16 34.80	−20 30.3	2.367	3.335	5.8	17.9
5 21	16 26.24	−20 2.9	2.324	3.329	2.4	17.7
5 31	16 17.11	−19 33.3	2.311	3.323	1.3	17.6
6 10	16 8.23	−19 3.9	2.326	3.315	4.8	17.8
6 20	16 0.35	−18 37.0	2.370	3.307	8.1	18.0
6 30	15 54.08	−18 15.1	2.439	3.298	11.0	18.2

80220 1999 VC_{144} 5 27.9 165°.12 0°.5/28.2 18

4 21	16 46.81	−24 4.3	2.077	2.901	13.5	20.3
5 1	16 41.94	−23 54.7	1.995	2.903	10.4	20.1
5 11	16 34.90	−23 38.9	1.936	2.905	6.9	19.9
5 21	16 26.31	−23 16.9	1.902	2.906	3.0	19.6
5 31	16 17.08	−22 50.0	1.895	2.908	1.3	19.5
6 10	16 8.22	−22 20.8	1.917	2.909	5.2	19.8
6 20	16 0.61	−21 52.2	1.964	2.910	8.9	20.0
6 30	15 54.95	−21 27.5	2.036	2.911	12.2	20.2

463212 2012 DY_5 5 27.9 281°.33 5°.6/26.2 17

4 21	16 46.92	− 9 56.5	1.535	2.379	16.4	20.8
5 1	16 42.81	− 9 21.9	1.446	2.361	13.1	20.5
5 11	16 35.94	− 8 51.3	1.378	2.344	9.4	20.3
5 21	16 26.91	− 8 28.8	1.332	2.326	6.2	20.0
5 31	16 16.77	− 8 18.4	1.312	2.309	6.1	20.0
6 10	16 6.82	− 8 23.2	1.316	2.291	9.4	20.1
6 20	15 58.26	− 8 44.2	1.344	2.273	13.5	20.3
6 30	15 52.10	− 9 21.1	1.392	2.255	17.4	20.5

472218 2014 EA_{48} 5 27.9 117°.24 0°.8/27.7 17

4 21	16 45.92	−19 5.0	2.286	3.110	12.4	21.6
5 1	16 40.98	−19 5.1	2.209	3.118	9.5	21.4
5 11	16 34.13	−19 3.4	2.155	3.126	6.2	21.2
5 21	16 25.97	−19 0.4	2.128	3.133	2.6	21.0
5 31	16 17.26	−18 57.1	2.129	3.141	1.5	20.9
6 10	16 8.88	−18 54.6	2.158	3.148	5.0	21.2
6 20	16 1.59	−18 54.6	2.214	3.155	8.3	21.4
6 30	15 56.01	−18 58.5	2.294	3.161	11.3	21.6

422924 2002 TU_{144} 5 27.9 243°.74 0°.9/27.6 17

4 21	16 48.86	−19 59.5	1.911	2.740	14.3	21.9
5 1	16 43.87	−19 48.7	1.814	2.725	11.1	21.7
5 11	16 36.41	−19 34.2	1.739	2.710	7.3	21.4
5 21	16 27.06	−19 16.6	1.689	2.694	3.1	21.1
5 31	16 16.76	−18 57.3	1.666	2.678	1.8	21.0
6 10	16 6.65	−18 38.7	1.671	2.661	6.1	21.2
6 20	15 57.79	−18 23.5	1.702	2.643	10.3	21.4
6 30	15 51.04	−18 14.4	1.755	2.625	14.1	21.6

469951 2006 BY_{144} 5 27.9 32°.55 9°.2/25.2 17

4 21	16 44.13	− 1 23.5	1.517	2.354	16.9	19.9
5 1	16 40.21	− 0 25.0	1.462	2.363	14.0	19.7
5 11	16 33.88	+ 0 20.6	1.428	2.372	11.2	19.5
5 21	16 25.91	+ 0 47.6	1.416	2.382	9.4	19.5
5 31	16 17.32	+ 0 51.6	1.427	2.393	9.6	19.5
6 10	16 9.27	+ 0 31.2	1.461	2.404	11.5	19.6
6 20	16 2.70	− 0 11.9	1.518	2.416	14.2	19.8
6 30	15 58.33	− 1 14.0	1.593	2.428	17.0	20.0

100038 1991 RD_{13} 5 27.9 272°.90 1°.2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.02	−25 29.3	2.029	2.850	13.9	20.2
5 1	16 43.30	−25 26.1	1.919	2.824	10.9	20.0
5 11	16 36.10	−25 15.5	1.831	2.798	7.4	19.7
5 21	16 26.96	−24 56.8	1.768	2.772	3.4	19.4
5 31	16 16.79	−24 30.4	1.733	2.745	1.6	19.2
6 10	16 6.70	−23 58.3	1.725	2.717	5.7	19.4
6 20	15 57.78	−23 24.2	1.743	2.689	9.8	19.6
6 30	15 50.92	−22 52.1	1.785	2.661	13.6	19.8

101858 1999 KE_8 5 27.9 28°.15 2°.7/29.1 18

4 21	16 44.74	−28 50.4	1.536	2.373	16.7	18.7
5 1	16 41.01	−28 55.3	1.477	2.389	13.1	18.5
5 11	16 34.55	−28 49.0	1.438	2.405	9.0	18.3
5 21	16 26.21	−28 30.4	1.422	2.422	4.7	18.1
5 31	16 17.21	−28 0.6	1.431	2.441	2.9	18.0
6 10	16 8.87	−27 23.2	1.465	2.459	6.2	18.3
6 20	16 2.26	−26 43.0	1.524	2.479	10.2	18.5
6 30	15 58.13	−26 5.0	1.604	2.499	13.8	18.8

418172 2008 BQ_{21} 5 27.9 173°.92 0°.9/27.6 17

4 21	16 49.57	−20 3.5	1.955	2.781	14.1	22.3
5 1	16 44.13	−19 48.3	1.874	2.784	10.9	22.1
5 11	16 36.38	−19 29.4	1.816	2.786	7.1	21.8
5 21	16 26.97	−19 7.6	1.783	2.788	3.0	21.6
5 31	16 16.85	−18 44.4	1.777	2.789	1.7	21.5
6 10	16 7.13	−18 22.6	1.800	2.790	5.8	21.8
6 20	15 58.74	−18 4.6	1.849	2.789	9.7	22.0
6 30	15 52.43	−17 53.1	1.922	2.789	13.2	22.2

349325 2007 UW_{132} 5 27.9 216°.18 1°.2/27.5 17

4 21	16 45.19	−18 45.2	2.293	3.119	12.3	22.0
5 1	16 40.50	−18 32.1	2.205	3.115	9.5	21.8
5 11	16 33.89	−18 16.7	2.140	3.111	6.2	21.6
5 21	16 25.91	−18 0.1	2.102	3.107	2.7	21.4
5 31	16 17.31	−17 43.6	2.091	3.102	1.8	21.3
6 10	16 8.97	−17 29.1	2.109	3.097	5.2	21.5
6 20	16 1.67	−17 18.6	2.154	3.093	8.6	21.7
6 30	15 56.05	−17 13.9	2.222	3.087	11.7	21.9

468489 2005 AC_{25} 5 27.9 134°.71 0°.3/28.1 17

4 21	16 46.71	−24 6.7	2.144	2.966	13.2	21.1
5 1	16 41.72	−23 44.2	2.066	2.973	10.2	20.9
5 11	16 34.67	−23 14.9	2.011	2.980	6.7	20.7
5 21	16 26.21	−22 39.6	1.982	2.987	2.8	20.5
5 31	16 17.20	−22 0.0	1.980	2.993	1.2	20.3
6 10	16 8.61	−21 19.1	2.007	2.999	5.1	20.6
6 20	16 1.26	−20 40.4	2.061	3.005	8.7	20.9
6 30	15 55.79	−20 7.1	2.139	3.010	11.8	21.1

127894 2003 GD_{12} 5 27.9 55°.56 2°.4/27.1 17

4 21	16 46.24	−17 26.8	1.577	2.423	16.0	19.9
5 1	16 41.92	−16 58.2	1.511	2.432	12.3	19.7
5 11	16 35.06	−16 27.5	1.467	2.441	8.1	19.4
5 21	16 26.43	−15 57.0	1.446	2.451	3.8	19.2
5 31	16 17.12	−15 29.7	1.451	2.460	3.0	19.2
6 10	16 8.35	−15 8.6	1.482	2.470	7.0	19.4
6 20	16 1.14	−14 56.3	1.537	2.480	11.1	19.7
6 30	15 56.24	−14 54.5	1.614	2.490	14.8	19.9

479066 2013 AP_{81} 5 27.9 195°.26 2°.1/29.1 16

4 21	16 46.37	−29 45.8	2.671	3.471	11.5	22.7
5 1	16 41.25	−29 43.1	2.578	3.469	9.1	22.6
5 11	16 34.29	−29 32.1	2.509	3.466	6.3	22.4
5 21	16 26.05	−29 12.3	2.466	3.463	3.5	22.2
5 31	16 17.26	−28 43.8	2.452	3.460	2.2	22.1
6 10	16 8.75	−28 8.8	2.467	3.456	4.5	22.2
6 20	16 1.26	−27 30.1	2.509	3.452	7.4	22.4
6 30	15 55.39	−26 51.1	2.577	3.447	10.1	22.6

222734 2002 AG_{187} 5 27.9 156°.34 0°.1/27.9 17

4 21	16 49.52	−21 29.9	2.369	3.182	12.3	21.0
5 1	16 43.70	−21 34.6	2.288	3.191	9.5	20.8
5 11	16 35.90	−21 36.0	2.231	3.199	6.2	20.6
5 21	16 26.73	−21 34.0	2.201	3.206	2.6	20.4
5 31	16 16.98	−21 29.1	2.200	3.213	1.1	20.3
6 10	16 7.56	−21 22.5	2.228	3.219	4.8	20.6
6 20	15 59.28	−21 16.2	2.284	3.224	8.2	20.8
6 30	15 52.76	−21 12.3	2.365	3.228	11.1	21.0

466539 2014 SA_{158} 5 27.9 260°.13 1°.1/27.6 17

4 21	16 48.21	−20 55.3	1.498	2.342	16.8	21.7
5 1	16 43.94	−20 29.3	1.412	2.331	13.0	21.4
5 11	16 36.73	−19 56.9	1.346	2.320	8.6	21.2
5 21	16 27.26	−19 19.1	1.303	2.309	3.7	20.8
5 31	16 16.71	−18 38.9	1.286	2.298	2.2	20.7
6 10	16 6.50	−18 0.3	1.295	2.287	7.2	21.0
6 20	15 57.91	−17 27.8	1.328	2.275	12.1	21.2
6 30	15 51.93	−17 5.5	1.381	2.264	16.4	21.5

68252 2001 DP_{89} 5 27.9 77°.81 8°.0/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.97	− 2 26.8	1.836	2.661	14.9	18.7
5 1	16 40.40	− 1 16.3	1.782	2.676	12.2	18.5
5 11	16 33.79	− 0 15.3	1.749	2.690	9.7	18.4
5 21	16 25.83	+ 0 30.8	1.741	2.705	8.2	18.3
5 31	16 17.40	+ 0 57.7	1.757	2.719	8.4	18.4
6 10	16 9.46	+ 1 3.5	1.799	2.734	10.3	18.5
6 20	16 2.82	+ 0 48.5	1.863	2.748	12.7	18.7
6 30	15 58.07	+ 0 15.0	1.949	2.762	15.1	18.9

417720 2007 CY_{21} 5 27.9 97°.98 0°.7/27.7 17

4 21	16 49.36	−19 56.8	1.784	2.616	15.0	21.5
5 1	16 44.03	−19 52.9	1.719	2.632	11.5	21.3
5 11	16 36.30	−19 46.1	1.676	2.647	7.5	21.1
5 21	16 26.92	−19 36.8	1.657	2.663	3.1	20.8
5 31	16 16.93	−19 26.1	1.666	2.678	1.7	20.8
6 10	16 7.47	−19 16.3	1.702	2.693	5.9	21.1
6 20	15 59.51	−19 9.6	1.763	2.707	9.9	21.3
6 30	15 53.77	−19 8.2	1.848	2.721	13.3	21.6

83865 2001 UQ_{73} 5 27.9 248°.52 0°.6/27.8 18

4 21	16 44.98	−20 17.5	2.227	3.054	12.6	19.6
5 1	16 40.44	−20 12.8	2.139	3.050	9.7	19.4
5 11	16 33.91	−20 5.2	2.074	3.046	6.3	19.2
5 21	16 25.94	−19 55.2	2.036	3.041	2.7	18.9
5 31	16 17.33	−19 43.9	2.025	3.037	1.4	18.8
6 10	16 8.97	−19 33.0	2.042	3.033	5.1	19.1
6 20	16 1.69	−19 24.4	2.086	3.029	8.7	19.3
6 30	15 56.14	−19 20.1	2.153	3.024	11.8	19.5

499702 2011 AB_2 5 27.9 183°.07 0°.5/28.2 17

4 21	16 49.77	−23 23.4	2.056	2.875	13.8	22.8
5 1	16 44.29	−23 22.8	1.970	2.876	10.7	22.6
5 11	16 36.50	−23 16.9	1.908	2.876	7.0	22.4
5 21	16 27.05	−23 5.3	1.871	2.875	3.0	22.2
5 31	16 16.86	−22 48.7	1.862	2.874	1.3	22.0
6 10	16 7.01	−22 29.2	1.881	2.873	5.4	22.3
6 20	15 58.45	−22 9.5	1.927	2.871	9.2	22.5
6 30	15 51.94	−21 52.8	1.997	2.868	12.6	22.7

4547 Massachusetts 5 27.9 218°.19 9°.5/31.1 18

4 21	16 55.82	−45 16.6	2.025	2.772	16.3	16.3
5 1	16 50.13	−46 34.9	1.940	2.769	14.2	16.2
5 11	16 41.00	−47 37.2	1.875	2.765	12.0	16.0
5 21	16 29.15	−48 16.5	1.832	2.761	10.3	15.9
5 31	16 15.88	−48 27.8	1.813	2.757	9.5	15.8
6 10	16 2.91	−48 10.6	1.819	2.752	10.2	15.9
6 20	15 51.80	−47 29.2	1.848	2.748	12.0	16.0
6 30	15 43.73	−46 31.2	1.899	2.743	14.3	16.1

139934 2001 RT_{132} 5 27.9 2°.43 8°.9/23.7 18

4 21	16 42.77	+ 1 33.2	2.032	2.845	14.1	19.8
5 1	16 38.69	+ 2 42.4	1.966	2.845	11.9	19.7
5 11	16 32.71	+ 3 40.6	1.921	2.845	10.0	19.5
5 21	16 25.42	+ 4 22.5	1.900	2.845	8.9	19.5
5 31	16 17.58	+ 4 43.8	1.904	2.846	9.3	19.5
6 10	16 10.08	+ 4 42.6	1.932	2.846	10.8	19.6
6 20	16 3.67	+ 4 19.4	1.982	2.846	12.9	19.7
6 30	15 58.95	+ 3 36.4	2.053	2.847	15.1	19.9

138673 2000 SH_6 5 27.9 144°.17 7°.7/23.5 18

4 21	16 43.41	+ 7 36.6	3.045	3.813	10.9	20.6
5 1	16 38.47	+ 8 25.4	2.986	3.824	9.5	20.5
5 11	16 32.22	+ 9 2.9	2.950	3.834	8.3	20.4
5 21	16 25.13	+ 9 25.9	2.939	3.844	7.7	20.4
5 31	16 17.72	+ 9 32.0	2.954	3.854	7.9	20.4
6 10	16 10.59	+ 9 20.6	2.994	3.863	8.8	20.5
6 20	16 4.24	+ 8 52.4	3.057	3.871	10.1	20.6
6 30	15 59.10	+ 8 9.2	3.143	3.879	11.5	20.7

479830 2014 FY_{64} 5 27.9 354°.23 0°.8/28.4 16

4 21	16 41.99	−26 28.0	1.753	2.591	14.9	20.4
5 1	16 38.69	−25 55.2	1.671	2.587	11.6	20.2
5 11	16 33.00	−25 11.5	1.611	2.583	7.7	19.9
5 21	16 25.60	−24 17.9	1.575	2.580	3.5	19.7
5 31	16 17.50	−23 17.2	1.565	2.578	1.4	19.5
6 10	16 9.82	−22 13.9	1.582	2.576	5.7	19.8
6 20	16 3.54	−21 13.3	1.623	2.576	9.9	20.0
6 30	15 59.40	−20 20.1	1.687	2.576	13.6	20.3

141410 2002 AZ_{179} 5 27.9 81°.90 2°.1/27.6 18

4 21	16 50.04	−12 34.3	2.290	3.106	12.6	19.5
5 1	16 44.12	−13 9.1	2.212	3.115	9.8	19.3
5 11	16 36.21	−13 48.5	2.158	3.124	6.5	19.1
5 21	16 26.89	−14 32.0	2.131	3.133	3.2	18.9
5 31	16 16.95	−15 19.0	2.133	3.141	2.4	18.9
6 10	16 7.29	−16 8.9	2.165	3.150	5.4	19.1
6 20	15 58.72	−17 0.7	2.225	3.159	8.7	19.3
6 30	15 51.91	−17 54.3	2.311	3.168	11.6	19.5

352586 2008 EZ_{10} 5 27.9 51°.54 5°.6/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.09	− 9 27.9	1.951	2.787	13.7	20.4
5 1	16 38.84	− 8 9.2	1.897	2.806	10.8	20.2
5 11	16 32.71	− 6 53.8	1.866	2.825	7.9	20.1
5 21	16 25.37	− 5 46.7	1.860	2.845	5.8	20.0
5 31	16 17.65	− 4 52.3	1.881	2.865	6.1	20.0
6 10	16 10.42	− 4 13.9	1.928	2.885	8.3	20.2
6 20	16 4.41	− 3 52.7	2.000	2.905	11.0	20.4
6 30	16 0.16	− 3 48.6	2.093	2.925	13.6	20.6

403790 2011 SO_{184} 5 27.9 226°.29 1°.6/28.5 18

4 21	16 47.07	−25 16.5	2.393	3.206	12.2	21.5
5 1	16 42.04	−25 43.6	2.303	3.203	9.6	21.3
5 11	16 34.98	−26 6.5	2.235	3.199	6.5	21.1
5 21	16 26.42	−26 23.7	2.194	3.196	3.2	20.8
5 31	16 17.14	−26 34.7	2.181	3.192	1.8	20.7
6 10	16 8.07	−26 40.0	2.197	3.188	4.8	20.9
6 20	16 0.04	−26 41.2	2.240	3.184	8.1	21.1
6 30	15 53.75	−26 40.8	2.308	3.179	11.1	21.3

12422 1995 US_8 5 27.9 327°.61 0°.5/27.9 18

4 21	16 49.54	−17 48.0	1.405	2.252	17.5	16.8
5 1	16 45.23	−18 27.5	1.324	2.245	13.6	16.6
5 11	16 37.75	−19 10.0	1.263	2.238	9.0	16.3
5 21	16 27.78	−19 54.2	1.226	2.232	3.8	15.9
5 31	16 16.52	−20 38.4	1.214	2.226	1.8	15.8
6 10	16 5.51	−21 21.6	1.227	2.221	7.2	16.1
6 20	15 56.19	−22 3.8	1.264	2.216	12.2	16.4
6 30	15 49.66	−22 46.2	1.322	2.212	16.5	16.6

398613 2011 XU_3 5 27.9 189°.49 3°.7/26.2 17

4 21	16 43.11	− 9 50.2	2.640	3.461	11.0	21.5
5 1	16 38.57	− 9 23.3	2.557	3.460	8.6	21.3
5 11	16 32.47	− 8 59.4	2.499	3.459	6.1	21.2
5 21	16 25.30	− 8 40.6	2.467	3.458	4.1	21.0
5 31	16 17.66	− 8 28.8	2.464	3.457	4.0	21.0
6 10	16 10.26	− 8 25.6	2.488	3.455	6.1	21.1
6 20	16 3.71	− 8 31.7	2.539	3.453	8.6	21.3
6 30	15 58.53	− 8 47.2	2.614	3.451	11.0	21.5

364141 2006 DC_{42} 5 27.9 165°.54 3°.3/29.1 18

4 21	16 57.28	−30 1.2	1.041	1.885	22.4	21.1
5 1	16 52.23	−29 51.6	0.974	1.889	17.9	20.9
5 11	16 42.74	−29 23.6	0.924	1.893	12.4	20.6
5 21	16 29.90	−28 33.9	0.895	1.896	6.4	20.2
5 31	16 15.68	−27 23.8	0.888	1.899	3.6	20.1
6 10	16 2.41	−26 0.8	0.905	1.900	8.7	20.4
6 20	15 52.01	−24 36.1	0.943	1.901	14.6	20.7
6 30	15 45.66	−23 20.6	1.000	1.901	19.7	21.0

91253 1999 CM_{65} 5 27.9 142°.00 1°.8/28.7 18

4 21	16 51.47	−27 51.1	1.593	2.419	16.8	19.4
5 1	16 46.18	−27 36.6	1.519	2.426	13.1	19.2
5 11	16 37.98	−27 10.4	1.466	2.433	8.9	19.0
5 21	16 27.71	−26 31.8	1.437	2.439	4.3	18.7
5 31	16 16.64	−25 42.6	1.434	2.445	2.2	18.6
6 10	16 6.19	−24 47.0	1.457	2.450	6.3	18.9
6 20	15 57.56	−23 50.9	1.506	2.455	10.8	19.1
6 30	15 51.58	−23 0.2	1.577	2.460	14.7	19.4

310636 2002 CA_{164} 5 27.9 154°.35 2°.4/27.2 18

4 21	16 50.93	−16 22.7	1.827	2.655	14.9	21.7
5 1	16 45.22	−16 1.5	1.753	2.663	11.5	21.5
5 11	16 37.11	−15 39.3	1.701	2.671	7.6	21.2
5 21	16 27.30	−15 17.8	1.675	2.678	3.7	21.0
5 31	16 16.82	−14 59.2	1.676	2.684	3.0	21.0
6 10	16 6.80	−14 45.9	1.705	2.690	6.6	21.2
6 20	15 58.22	−14 39.9	1.760	2.695	10.5	21.4
6 30	15 51.82	−14 42.7	1.838	2.699	13.9	21.7

31779 1999 JO_{129} 5 27.9 166°.05 4°.6/26.3 18

4 21	16 47.68	− 8 30.4	2.215	3.034	12.9	19.2
5 1	16 42.31	− 8 5.0	2.139	3.039	10.2	19.0
5 11	16 35.01	− 7 44.3	2.086	3.043	7.3	18.8
5 21	16 26.39	− 7 30.7	2.058	3.047	5.0	18.7
5 31	16 17.21	− 7 26.5	2.059	3.050	4.9	18.7
6 10	16 8.36	− 7 33.1	2.087	3.052	7.2	18.8
6 20	16 0.60	− 7 50.8	2.141	3.054	10.0	19.0
6 30	15 54.55	− 8 19.2	2.219	3.055	12.7	19.2

506977 2008 SR_{127} 5 27.9 230°.44 2°.8/29.1 17

4 21	16 48.70	−29 23.8	2.158	2.967	13.6	22.3
5 1	16 43.62	−29 40.1	2.064	2.958	10.8	22.1
5 11	16 36.18	−29 48.0	1.992	2.950	7.5	21.9
5 21	16 26.98	−29 45.9	1.945	2.941	4.3	21.7
5 31	16 16.94	−29 33.0	1.925	2.932	2.9	21.6
6 10	16 7.14	−29 10.8	1.933	2.922	5.5	21.7
6 20	15 58.58	−28 42.6	1.968	2.912	9.0	21.9
6 30	15 52.07	−28 12.3	2.027	2.902	12.2	22.1

239815 1997 WO_{15} 5 27.9 291°.21 0°.9/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.01	−19 39.1	2.016	2.849	13.5	21.1
5 1	16 40.71	−19 32.3	1.928	2.842	10.4	20.9
5 11	16 34.22	−19 22.9	1.862	2.834	6.8	20.6
5 21	16 26.14	−19 11.5	1.821	2.827	2.9	20.4
5 31	16 17.31	−18 59.3	1.807	2.819	1.6	20.2
6 10	16 8.74	−18 48.2	1.821	2.812	5.6	20.5
6 20	16 1.32	−18 40.5	1.860	2.804	9.4	20.7
6 30	15 55.80	−18 38.1	1.923	2.797	12.8	20.9

185542 2007 XM_{39} 5 27.9 100°.13 4°.7/29.9 17

4 21	16 52.07	−34 2.5	1.621	2.432	17.2	20.6
5 1	16 46.76	−34 13.2	1.553	2.444	13.9	20.4
5 11	16 38.40	−34 8.4	1.504	2.455	10.1	20.2
5 21	16 27.90	−33 45.4	1.478	2.467	6.4	20.0
5 31	16 16.61	−33 4.1	1.477	2.479	4.8	19.9
6 10	16 6.03	−32 8.1	1.503	2.490	7.0	20.1
6 20	15 57.40	−31 4.1	1.553	2.501	10.7	20.3
6 30	15 51.56	−29 59.4	1.626	2.512	14.2	20.6

276934 2004 TT_{188} 5 27.9 105°.21 3°.1/26.5 17

4 21	16 46.63	−15 13.1	1.992	2.823	13.7	20.8
5 1	16 41.61	−14 25.3	1.926	2.838	10.5	20.7
5 11	16 34.57	−13 36.7	1.884	2.853	7.0	20.5
5 21	16 26.19	−12 50.1	1.868	2.868	3.9	20.3
5 31	16 17.35	−12 8.8	1.879	2.882	3.6	20.3
6 10	16 9.00	−11 36.1	1.918	2.896	6.6	20.5
6 20	16 1.92	−11 14.1	1.982	2.910	9.9	20.7
6 30	15 56.72	−11 3.8	2.070	2.923	12.9	21.0

398935 2013 CJ_{192} 5 27.9 101°.81 1°.8/27.2 17

4 21	16 44.44	−16 11.1	2.513	3.337	11.4	21.7
5 1	16 39.62	−15 59.5	2.441	3.350	8.7	21.6
5 11	16 33.17	−15 47.6	2.393	3.362	5.7	21.4
5 21	16 25.60	−15 36.7	2.372	3.375	2.8	21.2
5 31	16 17.61	−15 28.0	2.380	3.388	2.2	21.2
6 10	16 9.94	−15 23.0	2.415	3.400	5.0	21.4
6 20	16 3.25	−15 22.7	2.478	3.412	7.9	21.6
6 30	15 58.06	−15 28.2	2.566	3.424	10.5	21.8

28842 Bhowmik 5 27.9 241°.05 0°.2/27.9 17

4 21	16 45.25	−22 9.9	2.216	3.041	12.7	19.6
5 1	16 40.70	−21 57.9	2.126	3.036	9.8	19.4
5 11	16 34.12	−21 41.2	2.059	3.030	6.4	19.2
5 21	16 26.08	−21 20.3	2.018	3.024	2.7	18.9
5 31	16 17.38	−20 56.4	2.005	3.018	1.2	18.8
6 10	16 8.95	−20 31.7	2.020	3.012	5.1	19.0
6 20	16 1.62	−20 9.0	2.061	3.005	8.7	19.3
6 30	15 56.06	−19 50.8	2.126	2.999	11.9	19.4

395718 2012 TR_{209} 5 27.9 201°.76 1°.1/27.5 18

4 21	16 46.42	−18 39.2	2.215	3.041	12.7	21.1
5 1	16 41.54	−18 31.5	2.129	3.038	9.8	20.9
5 11	16 34.63	−18 22.0	2.065	3.036	6.4	20.7
5 21	16 26.29	−18 11.3	2.028	3.033	2.8	20.4
5 31	16 17.30	−18 0.6	2.019	3.030	1.8	20.4
6 10	16 8.57	−17 51.7	2.037	3.026	5.3	20.6
6 20	16 0.93	−17 46.4	2.083	3.022	8.9	20.8
6 30	15 55.06	−17 46.3	2.152	3.018	12.0	21.0

434135 2002 QN_{124} 5 27.9 264°.24 2°.1/27.0 16

4 21	16 45.17	−17 5.5	2.137	2.967	12.9	22.3
5 1	16 40.73	−16 36.9	2.039	2.951	10.0	22.0
5 11	16 34.22	−16 6.0	1.964	2.935	6.7	21.8
5 21	16 26.16	−15 34.4	1.915	2.918	3.2	21.6
5 31	16 17.35	−15 4.6	1.894	2.902	2.7	21.5
6 10	16 8.73	−14 39.3	1.900	2.884	6.1	21.7
6 20	16 1.16	−14 20.9	1.932	2.867	9.7	21.9
6 30	15 55.36	−14 11.5	1.987	2.850	13.0	22.0

273898 2007 HY_{44} 5 27.9 230°.16 1°.5/27.4 17

4 21	16 46.32	−19 5.3	1.810	2.647	14.6	21.0
5 1	16 41.86	−18 42.2	1.729	2.645	11.3	20.8
5 11	16 35.04	−18 15.6	1.671	2.644	7.4	20.6
5 21	16 26.51	−17 47.0	1.637	2.642	3.3	20.3
5 31	16 17.24	−17 18.7	1.630	2.640	2.2	20.2
6 10	16 8.33	−16 53.7	1.649	2.639	6.3	20.5
6 20	16 0.77	−16 34.8	1.694	2.637	10.3	20.7
6 30	15 55.32	−16 24.3	1.762	2.635	13.9	20.9

257738 2000 AA_{49} 5 27.9 31°.78 17°.6/30.0 18

4 21	16 57.28	+14 56.0	1.035	1.831	25.7	19.3
5 1	16 51.53	+15 12.8	0.983	1.835	23.1	19.1
5 11	16 41.91	+14 49.5	0.945	1.840	20.4	18.9
5 21	16 29.50	+13 35.8	0.923	1.846	18.3	18.8
5 31	16 15.97	+11 27.8	0.920	1.852	17.6	18.8
6 10	16 3.30	+ 8 31.2	0.938	1.858	18.7	18.9
6 20	15 53.10	+ 5 0.0	0.976	1.865	21.0	19.0
6 30	15 46.42	+ 1 10.7	1.033	1.873	23.8	19.3

40147 1998 QB_{72} 5 27.9 279°.99 4°.1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 42.19	−12 1.5	2.426	3.255	11.6	18.5
5 1	16 38.11	−10 56.8	2.331	3.239	9.1	18.3
5 11	16 32.33	− 9 51.3	2.260	3.223	6.5	18.1
5 21	16 25.32	− 8 48.4	2.215	3.206	4.4	17.9
5 31	16 17.75	− 7 51.8	2.198	3.190	4.6	17.9
6 10	16 10.37	− 7 5.2	2.209	3.174	6.9	18.0
6 20	16 3.87	− 6 30.9	2.246	3.157	9.7	18.2
6 30	15 58.84	− 6 10.3	2.306	3.140	12.4	18.3

185530 2007 WT_{12} 5 27.9 134°.16 4°.0/29.7 17

4 21	16 47.98	−33 36.9	2.470	3.260	12.6	20.5
5 1	16 42.77	−34 5.9	2.387	3.266	10.1	20.3
5 11	16 35.46	−34 25.3	2.327	3.271	7.5	20.1
5 21	16 26.65	−34 33.1	2.292	3.276	5.0	20.0
5 31	16 17.18	−34 28.1	2.285	3.281	4.0	19.9
6 10	16 8.02	−34 11.6	2.306	3.286	5.5	20.0
6 20	16 0.04	−33 46.3	2.353	3.290	8.1	20.2
6 30	15 53.92	−33 16.2	2.425	3.294	10.7	20.4

73299 2002 JO_{69} 5 27.9 324°.09 4°.6/27.0 17

4 21	16 46.07	−12 4.3	1.291	2.149	18.1	18.9
5 1	16 42.62	−11 51.2	1.214	2.139	14.3	18.6
5 11	16 36.07	−11 43.0	1.155	2.129	9.9	18.3
5 21	16 27.11	−11 42.8	1.119	2.119	5.7	18.0
5 31	16 16.95	−11 53.2	1.105	2.110	5.1	18.0
6 10	16 7.09	−12 16.2	1.116	2.102	9.1	18.2
6 20	15 58.92	−12 51.9	1.149	2.094	13.8	18.4
6 30	15 53.51	−13 39.6	1.201	2.087	18.1	18.6

161408 2003 UC_{213} 5 27.9 218°.83 1°.2/28.4 18

4 21	16 47.35	−24 42.7	2.156	2.975	13.2	20.3
5 1	16 42.45	−24 52.9	2.066	2.971	10.3	20.1
5 11	16 35.35	−24 57.7	2.000	2.967	6.9	19.9
5 21	16 26.64	−24 56.5	1.959	2.963	3.2	19.6
5 31	16 17.18	−24 49.2	1.946	2.958	1.6	19.5
6 10	16 7.99	−24 37.4	1.961	2.953	5.1	19.7
6 20	15 59.97	−24 23.5	2.003	2.949	8.8	20.0
6 30	15 53.86	−24 10.5	2.068	2.943	12.0	20.1

42205 2001 DT_{38} 5 27.9 236°.83 2°.5/26.9 18

4 21	16 45.22	−17 0.5	1.925	2.761	13.9	18.9
5 1	16 40.85	−16 23.6	1.844	2.759	10.7	18.7
5 11	16 34.29	−15 44.3	1.785	2.757	7.1	18.5
5 21	16 26.17	−15 4.7	1.751	2.754	3.5	18.3
5 31	16 17.40	−14 28.1	1.745	2.752	3.0	18.2
6 10	16 8.96	−13 57.4	1.765	2.749	6.5	18.4
6 20	16 1.77	−13 35.5	1.811	2.747	10.2	18.6
6 30	15 56.50	−13 24.2	1.879	2.744	13.5	18.8

198500 2004 XN_{73} 5 27.9 160°.59 7°.8/22.7 17

4 21	16 45.17	+ 3 22.8	2.709	3.495	11.7	21.2
5 1	16 39.99	+ 4 44.3	2.646	3.503	10.0	21.1
5 11	16 33.33	+ 5 56.6	2.607	3.510	8.5	21.0
5 21	16 25.67	+ 6 55.2	2.593	3.517	7.9	21.0
5 31	16 17.63	+ 7 36.3	2.606	3.523	8.2	21.0
6 10	16 9.89	+ 7 58.2	2.645	3.528	9.4	21.1
6 20	16 3.03	+ 8 0.8	2.708	3.533	11.0	21.2
6 30	15 57.53	+ 7 45.4	2.793	3.536	12.7	21.3

160390 2004 NQ_{8} 5 27.9 28°.04 4°.9/27.1 17

4 21	16 47.94	− 9 11.6	1.527	2.368	16.6	19.6
5 1	16 43.38	− 9 11.1	1.458	2.372	13.1	19.4
5 11	16 36.16	− 9 18.4	1.410	2.376	9.2	19.1
5 21	16 27.01	− 9 35.9	1.385	2.381	5.7	18.9
5 31	16 17.03	−10 5.0	1.385	2.385	5.2	18.9
6 10	16 7.49	−10 45.7	1.411	2.391	8.3	19.1
6 20	15 59.49	−11 37.1	1.461	2.396	12.2	19.4
6 30	15 53.88	−12 37.2	1.533	2.402	15.8	19.6

247398 2002 AF_{164} 5 27.9 167°.73 4°.2/30.4 18

4 21	16 47.36	−36 23.9	2.601	3.380	12.3	20.8
5 1	16 42.20	−36 32.3	2.513	3.382	10.0	20.6
5 11	16 35.03	−36 28.9	2.448	3.384	7.5	20.4
5 21	16 26.44	−36 12.1	2.408	3.386	5.2	20.3
5 31	16 17.29	−35 41.5	2.395	3.387	4.2	20.2
6 10	16 8.49	−34 59.0	2.410	3.388	5.5	20.3
6 20	16 0.87	−34 8.2	2.453	3.389	7.8	20.5
6 30	15 55.05	−33 13.5	2.520	3.390	10.3	20.6

89784 2002 AZ_{109} 5 27.9 226°.31 5°.3/25.9 18

4 21	16 47.33	− 6 45.1	2.199	3.017	13.0	20.4
5 1	16 42.21	− 6 14.5	2.109	3.007	10.5	20.2
5 11	16 35.10	− 5 49.2	2.042	2.996	7.7	20.0
5 21	16 26.52	− 5 32.5	2.001	2.984	5.7	19.8
5 31	16 17.25	− 5 26.9	1.987	2.972	5.7	19.8
6 10	16 8.18	− 5 34.2	2.000	2.959	7.9	19.9
6 20	16 0.13	− 5 54.9	2.039	2.946	10.7	20.1
6 30	15 53.79	− 6 28.4	2.101	2.932	13.6	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
315495 2008 AQ_3			5 27.9 135°.64		3°.3/29.3 17	
	h m	° ′			°	m
4 21	16 52.95	−30 39.7	1.905	2.711	15.2	21.4
5 1	16 46.97	−30 54.3	1.831	2.723	12.1	21.2
5 11	16 38.36	−30 58.3	1.779	2.735	8.5	21.0
5 21	16 27.89	−30 49.3	1.752	2.747	4.9	20.8
5 31	16 16.70	−30 27.2	1.752	2.758	3.4	20.8
6 10	16 6.05	−29 54.3	1.780	2.768	6.0	20.9
6 20	15 57.03	−29 15.0	1.833	2.777	9.6	21.2
6 30	15 50.42	−28 34.5	1.911	2.786	12.9	21.4
31325 1998 HN_{33}			5 27.9 172°.66		4°.6/29.8 18	
4 21	16 48.16	−34 31.8	2.320	3.111	13.2	18.9
5 1	16 43.15	−35 6.8	2.234	3.112	10.8	18.7
5 11	16 35.84	−35 31.7	2.171	3.112	8.1	18.5
5 21	16 26.86	−35 43.5	2.132	3.112	5.6	18.4
5 31	16 17.12	−35 41.1	2.120	3.113	4.6	18.3
6 10	16 7.66	−35 25.3	2.135	3.113	6.1	18.4
6 20	15 59.44	−34 59.0	2.176	3.113	8.7	18.5
6 30	15 53.23	−34 26.7	2.242	3.113	11.4	18.7
16520 1990 WO_3			5 27.9 244°.87		3°.4/26.8 18	
4 21	16 48.64	−15 22.8	1.676	2.514	15.5	18.2
5 1	16 43.96	−14 46.5	1.586	2.501	12.1	17.9
5 11	16 36.62	−14 8.4	1.517	2.488	8.2	17.7
5 21	16 27.27	−13 31.4	1.472	2.474	4.4	17.4
5 31	16 16.93	−12 58.7	1.454	2.459	4.0	17.3
6 10	16 6.84	−12 34.2	1.462	2.444	7.8	17.5
6 20	15 58.13	−12 20.6	1.494	2.429	12.0	17.7
6 30	15 51.72	−12 19.9	1.548	2.413	15.9	17.9
138059 2000 DA_{39}			5 27.9 192°.86		3°.9/29.6 18	
4 21	16 51.43	−32 17.5	1.954	2.757	15.0	20.4
5 1	16 45.97	−32 33.8	1.868	2.756	12.0	20.2
5 11	16 37.84	−32 38.5	1.802	2.754	8.7	20.0
5 21	16 27.74	−32 29.3	1.761	2.752	5.4	19.8
5 31	16 16.75	−32 5.1	1.747	2.749	3.9	19.7
6 10	16 6.16	−31 28.2	1.760	2.746	6.3	19.8
6 20	15 57.08	−30 43.0	1.799	2.742	9.7	20.0
6 30	15 50.38	−29 55.2	1.861	2.738	13.1	20.2
351914 2006 SH_{374}			5 27.9 267°.75		2°.2/28.7 17	
4 21	16 47.99	−26 20.2	2.194	3.008	13.2	21.2
5 1	16 43.04	−26 55.6	2.102	3.002	10.3	21.0
5 11	16 35.82	−27 26.3	2.032	2.995	7.1	20.7
5 21	16 26.89	−27 50.4	1.989	2.989	3.7	20.5
5 31	16 17.11	−28 6.5	1.973	2.982	2.4	20.4
6 10	16 7.51	−28 15.0	1.986	2.976	5.3	20.6
6 20	15 59.04	−28 17.6	2.025	2.969	8.8	20.8
6 30	15 52.52	−28 17.3	2.088	2.962	12.0	21.0
153885 2001 XN_{163}			5 28.0 214°.14		1°.4/27.5 18	
4 21	16 47.43	−18 53.2	1.998	2.827	13.7	20.3
5 1	16 42.56	−18 34.6	1.911	2.822	10.6	20.1
5 11	16 35.45	−18 13.0	1.846	2.817	7.0	19.9
5 21	16 26.71	−17 49.6	1.807	2.812	3.1	19.6
5 31	16 17.24	−17 26.3	1.795	2.806	2.1	19.6
6 10	16 8.06	−17 5.5	1.811	2.800	5.9	19.8
6 20	16 0.09	−16 49.7	1.853	2.793	9.7	20.0
6 30	15 54.09	−16 41.2	1.919	2.786	13.2	20.2
239285 2007 PK_5			5 28.0 291°.82		4°.2/26.3 18	
4 21	16 44.90	−12 19.9	1.879	2.716	14.1	20.3
5 1	16 40.89	−11 45.2	1.778	2.691	11.2	20.1
5 11	16 34.56	−11 11.4	1.698	2.666	7.8	19.8
5 21	16 26.42	−10 41.5	1.644	2.641	4.8	19.6
5 31	16 17.33	−10 18.7	1.615	2.615	4.7	19.5
6 10	16 8.34	−10 6.2	1.613	2.589	7.8	19.7
6 20	16 0.43	−10 6.0	1.635	2.564	11.6	19.8
6 30	15 54.48	−10 19.0	1.679	2.538	15.1	20.0
336715 2010 CN_{129}			5 28.0 130°.36		5°.7/30.6 17	
4 21	16 51.11	−38 0.0	2.135	2.915	14.6	21.1
5 1	16 45.60	−38 29.2	2.057	2.923	12.1	20.9
5 11	16 37.51	−38 44.4	1.999	2.930	9.3	20.8
5 21	16 27.58	−38 42.4	1.966	2.937	6.8	20.6
5 31	16 16.89	−38 21.7	1.958	2.944	5.7	20.6
6 10	16 6.66	−37 44.2	1.978	2.950	6.9	20.6
6 20	15 57.98	−36 54.4	2.023	2.956	9.4	20.8
6 30	15 51.63	−35 58.2	2.092	2.962	12.1	21.0
275141 2009 VL_{76}			5 28.0 118°.30		3°.3/26.2 17	
4 21	16 46.88	−16 32.0	1.959	2.791	13.8	20.8
5 1	16 41.88	−15 20.6	1.889	2.802	10.7	20.6
5 11	16 34.81	−14 5.9	1.843	2.812	7.1	20.4
5 21	16 26.36	−12 51.6	1.822	2.823	3.9	20.2
5 31	16 17.44	−11 42.5	1.830	2.833	3.8	20.2
6 10	16 9.00	−10 43.0	1.866	2.842	6.9	20.4
6 20	16 1.87	− 9 56.4	1.927	2.852	10.3	20.7
6 30	15 56.66	− 9 24.6	2.011	2.861	13.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
63028 2000 WF_{57}			5 28.0 257°.27		1°.1/27.6 18	
	h m	° ′			°	m
4 21	16 45.39	−17 38.5	2.381	3.205	12.0	19.2
5 1	16 40.69	−17 44.9	2.289	3.198	9.2	19.0
5 11	16 34.10	−17 51.0	2.221	3.191	6.1	18.8
5 21	16 26.13	−17 57.3	2.179	3.184	2.7	18.6
5 31	16 17.50	−18 4.1	2.166	3.177	1.7	18.5
6 10	16 9.07	−18 12.6	2.181	3.170	5.0	18.7
6 20	16 1.59	−18 23.7	2.223	3.162	8.4	18.9
6 30	15 55.73	−18 38.5	2.289	3.155	11.4	19.1
227920 2007 FS_{36}			5 28.0 18°.19		3°.9/26.6 17	
4 21	16 41.98	−16 1.4	1.232	2.100	18.1	19.5
5 1	16 39.25	−15 10.7	1.176	2.108	14.0	19.3
5 11	16 33.63	−14 18.3	1.138	2.116	9.3	19.0
5 21	16 25.99	−13 28.7	1.123	2.126	5.0	18.8
5 31	16 17.60	−12 47.2	1.131	2.137	4.6	18.8
6 10	16 9.85	−12 18.3	1.162	2.149	8.6	19.1
6 20	16 3.90	−12 4.7	1.216	2.163	13.0	19.4
6 30	16 0.52	−12 7.1	1.288	2.177	17.0	19.6
40730 1999 SY_{12}			5 28.0 243°.81		6°.4/24.3 18	
4 21	16 43.44	+ 1 10.2	2.938	3.731	10.7	19.3
5 1	16 38.76	+ 1 49.5	2.846	3.714	9.0	19.1
5 11	16 32.63	+ 2 20.8	2.777	3.698	7.4	19.0
5 21	16 25.46	+ 2 41.2	2.734	3.680	6.5	18.9
5 31	16 17.80	+ 2 47.9	2.718	3.663	6.7	18.9
6 10	16 10.28	+ 2 39.7	2.729	3.644	8.0	19.0
6 20	16 3.46	+ 2 16.4	2.765	3.626	9.8	19.0
6 30	15 57.86	+ 1 39.2	2.825	3.607	11.7	19.2
95026 2002 AG_{21}			5 28.0 259°.81		0°.5/28.2 18	
4 21	16 50.98	−22 49.8	1.658	2.489	16.0	20.5
5 1	16 46.16	−22 53.3	1.556	2.468	12.6	20.3
5 11	16 38.34	−22 51.5	1.476	2.447	8.4	20.0
5 21	16 28.14	−22 43.6	1.420	2.425	3.7	19.6
5 31	16 16.61	−22 29.6	1.390	2.403	1.6	19.4
6 10	16 5.17	−22 11.7	1.386	2.379	6.7	19.7
6 20	15 55.16	−21 53.2	1.408	2.356	11.5	19.9
6 30	15 47.69	−21 38.3	1.452	2.332	15.9	20.1
346253 2008 DG_{84}			5 28.0 160°.35		0°.7/28.4 18	
4 21	16 46.96	−23 56.0	3.434	4.231	9.2	22.6
5 1	16 41.24	−24 7.4	3.347	4.240	7.1	22.5
5 11	16 34.12	−24 15.4	3.286	4.248	4.7	22.3
5 21	16 26.05	−24 19.6	3.253	4.256	2.1	22.2
5 31	16 17.58	−24 20.0	3.250	4.262	1.0	22.1
6 10	16 9.32	−24 17.6	3.279	4.268	3.5	22.3
6 20	16 1.80	−24 13.4	3.336	4.274	6.0	22.4
6 30	15 55.51	−24 9.2	3.420	4.278	8.2	22.6
237069 2008 SA_{225}			5 28.0 144°.07		1°.9/27.1 18	
4 21	16 46.46	−17 34.0	2.379	3.201	12.0	21.5
5 1	16 41.29	−17 0.0	2.304	3.211	9.2	21.4
5 11	16 34.33	−16 23.7	2.252	3.221	6.1	21.2
5 21	16 26.17	−15 47.0	2.227	3.230	2.9	21.0
5 31	16 17.56	−15 12.2	2.230	3.238	2.4	21.0
6 10	16 9.32	−14 41.7	2.263	3.246	5.3	21.2
6 20	16 2.14	−14 17.8	2.322	3.254	8.5	21.4
6 30	15 56.60	−14 2.0	2.406	3.261	11.3	21.6
321133 2008 UP_{138}			5 28.0 217°.33		0°.9/27.6 18	
4 21	16 46.36	−20 11.3	2.086	2.914	13.3	21.5
5 1	16 41.66	−19 54.4	1.999	2.910	10.2	21.3
5 11	16 34.83	−19 33.8	1.935	2.906	6.7	21.1
5 21	16 26.47	−19 10.3	1.896	2.901	2.9	20.8
5 31	16 17.41	−18 45.7	1.885	2.897	1.6	20.7
6 10	16 8.65	−18 22.4	1.902	2.892	5.5	20.9
6 20	16 1.06	−18 3.0	1.945	2.887	9.2	21.2
6 30	15 55.34	−17 49.7	2.012	2.882	12.5	21.4
269026 2007 FN_2			5 28.0 66°.52		4°.8/27.0 17	
4 21	16 49.01	− 9 8.4	1.618	2.454	16.1	20.3
5 1	16 43.91	− 9 1.6	1.559	2.469	12.6	20.1
5 11	16 36.34	− 9 1.8	1.521	2.485	8.9	19.9
5 21	16 27.09	− 9 11.4	1.507	2.501	5.6	19.7
5 31	16 17.20	− 9 31.7	1.519	2.517	5.2	19.7
6 10	16 7.87	−10 3.2	1.556	2.533	8.0	19.9
6 20	16 0.07	−10 45.0	1.619	2.549	11.6	20.2
6 30	15 54.54	−11 35.8	1.703	2.565	14.8	20.4
243767 2000 RF_{42}			5 28.0 314°.83		8°.8/30.1 17	
4 21	16 46.68	−36 50.4	1.223	2.055	20.5	19.6
5 1	16 44.49	−37 51.1	1.131	2.030	17.3	19.3
5 11	16 38.21	−38 36.4	1.056	2.005	13.6	19.0
5 21	16 28.40	−38 58.2	1.001	1.981	10.2	18.7
5 31	16 16.48	−38 50.1	0.966	1.958	8.8	18.6
6 10	16 4.62	−38 11.1	0.953	1.935	10.9	18.6
6 20	15 54.93	−37 7.4	0.960	1.913	15.0	18.8
6 30	15 49.05	−35 50.1	0.986	1.892	19.4	18.9