2020	α_{2000}	δ_{2000}	Δ	r	β	V
461526	2003 SZ_{299}		5 9.9	290.°12	9.°1/13.5	17
	h m	° ′			°	m
4 1	15 39.84	−34 50.7	1.534	2.298	19.7	21.2
4 11	15 36.67	−36 11.6	1.433	2.279	17.1	21.0
4 21	15 29.73	−37 17.8	1.349	2.259	14.0	20.7
5 1	15 19.44	−38 1.8	1.286	2.239	11.0	20.5
5 11	15 6.96	−38 17.7	1.245	2.220	9.2	20.3
5 21	14 54.01	−38 3.4	1.228	2.200	9.9	20.3
5 31	14 42.52	−37 23.2	1.234	2.180	12.7	20.4
6 10	14 34.09	−36 26.6	1.261	2.161	16.3	20.6
386533	2009 CW_{32}		5 9.9	331.°77	7.°4/ 4.4	18
4 1	15 29.79	− 0 47.3	1.877	2.703	14.3	20.4
4 11	15 26.83	+ 0 26.6	1.799	2.695	11.7	20.2
4 21	15 21.72	+ 1 37.9	1.744	2.687	9.2	20.1
5 1	15 15.01	+ 2 39.8	1.713	2.680	7.6	20.0
5 11	15 7.51	+ 3 26.1	1.707	2.673	7.9	20.0
5 21	15 0.12	+ 3 52.0	1.725	2.666	10.0	20.1
5 31	14 53.72	+ 3 55.4	1.767	2.660	12.7	20.2
6 10	14 49.01	+ 3 36.4	1.830	2.654	15.5	20.4
347621	2001 SB_{114}		5 9.9	187.°03	4.°1/13.1	17
4 1	15 37.08	−31 34.1	2.789	3.526	12.4	21.4
4 11	15 32.11	−32 3.3	2.689	3.525	10.3	21.2
4 21	15 25.13	−32 21.4	2.611	3.524	7.9	21.1
5 1	15 16.63	−32 26.6	2.559	3.523	5.6	20.9
5 11	15 7.33	−32 18.5	2.534	3.521	4.1	20.8
5 21	14 58.05	−31 58.3	2.538	3.519	4.8	20.9
5 31	14 49.63	−31 28.8	2.570	3.516	6.9	21.0
6 10	14 42.75	−30 54.3	2.628	3.513	9.4	21.1
7604	Kridsadaporn		5 9.9	151.°55	5.°1/ 3.4	18
4 1	15 31.17	+ 5 27.7	3.995	4.771	8.3	20.3
4 11	15 26.50	+ 6 22.4	3.930	4.784	6.9	20.2
4 21	15 20.78	+ 7 12.3	3.889	4.797	5.7	20.1
5 1	15 14.34	+ 7 54.4	3.877	4.808	5.1	20.1
5 11	15 7.61	+ 8 26.1	3.893	4.819	5.3	20.1
5 21	15 0.99	+ 8 45.9	3.938	4.830	6.3	20.2
5 31	14 54.89	+ 8 53.0	4.009	4.839	7.6	20.3
6 10	14 49.66	+ 8 47.5	4.103	4.848	8.9	20.4
207320	2005 GJ_{110}		5 9.9	240.°86	0.°0/ 9.9	17
4 1	15 33.05	−19 31.9	2.223	3.021	13.3	21.3
4 11	15 29.18	−19 15.7	2.128	3.016	10.6	21.1
4 21	15 23.24	−18 51.1	2.056	3.010	7.2	20.9
5 1	15 15.73	−18 19.2	2.009	3.005	3.5	20.6
5 11	15 7.44	−17 42.6	1.990	2.999	0.4	20.4
5 21	14 59.22	−17 4.6	1.998	2.994	4.3	20.7
5 31	14 51.93	−16 29.2	2.035	2.988	8.0	20.9
6 10	14 46.26	−16 0.2	2.095	2.982	11.3	21.1
336512	2008 WT_{138}		5 9.9	160.°32	0.°2/ 9.8	17
4 1	15 33.25	−19 32.3	2.124	2.924	13.8	21.1
4 11	15 29.36	−19 5.2	2.037	2.925	10.9	20.9
4 21	15 23.34	−18 28.8	1.971	2.927	7.4	20.6
5 1	15 15.76	−17 44.8	1.932	2.929	3.6	20.4
5 11	15 7.44	−16 56.3	1.920	2.930	0.5	20.2
5 21	14 59.27	−16 7.5	1.936	2.931	4.5	20.5
5 31	14 52.12	−15 22.8	1.980	2.932	8.3	20.7
6 10	14 46.65	−14 46.3	2.047	2.933	11.6	20.9
213211	2000 UU_{57}		5 9.9	228.°14	0.°1/ 9.9	18
4 1	15 31.95	−19 40.6	2.772	3.559	11.3	21.1
4 11	15 27.88	−19 13.9	2.667	3.549	8.9	20.9
4 21	15 22.14	−18 39.4	2.586	3.539	6.1	20.7
5 1	15 15.14	−17 58.4	2.532	3.528	2.9	20.5
5 11	15 7.52	−17 13.4	2.507	3.517	0.4	20.2
5 21	14 59.94	−16 27.4	2.512	3.506	3.7	20.5
5 31	14 53.09	−15 43.8	2.545	3.494	6.8	20.7
6 10	14 47.52	−15 6.0	2.604	3.482	9.7	20.8
464253	2015 DV_{156}		5 9.9	291.°88	7.°0/14.2	18
4 1	15 36.34	−35 51.1	1.795	2.547	17.7	19.8
4 11	15 33.21	−36 16.9	1.677	2.517	15.3	19.6
4 21	15 26.90	−36 23.3	1.576	2.486	12.4	19.3
5 1	15 17.87	−36 5.3	1.497	2.456	9.3	19.0
5 11	15 7.18	−35 19.9	1.442	2.425	7.2	18.8
5 21	14 56.20	−34 8.6	1.412	2.393	7.8	18.8
5 31	14 46.47	−32 37.3	1.407	2.362	10.7	18.9
6 10	14 39.23	−30 56.3	1.426	2.331	14.5	19.0
508765	2108 P–L		5 9.9	281.°41	1.°7/10.8	17
4 1	15 39.41	−22 45.3	1.817	2.607	16.1	23.1
4 11	15 35.34	−22 48.1	1.690	2.570	13.2	22.8
4 21	15 28.25	−22 39.5	1.582	2.531	9.5	22.4
5 1	15 18.54	−22 18.0	1.499	2.492	5.2	22.1
5 11	15 7.10	−21 44.1	1.442	2.451	1.7	21.8
5 21	14 55.15	−21 0.6	1.413	2.409	5.5	21.9
5 31	14 44.12	−20 12.8	1.410	2.367	10.5	22.1
6 10	14 35.24	−19 27.7	1.431	2.324	15.2	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
37519	Amphios		5 10.0	273.°73	2.°4/12.8	18
	h m	° ′			°	m
4 1	15 29.91	−29 35.1	4.474	5.209	8.0	18.4
4 11	15 25.73	−30 1.2	4.371	5.208	6.6	18.3
4 21	15 20.41	−30 20.8	4.292	5.208	5.0	18.2
5 1	15 14.24	−30 33.4	4.240	5.207	3.4	18.1
5 11	15 7.63	−30 39.0	4.217	5.207	2.5	18.0
5 21	15 1.03	−30 38.1	4.224	5.206	3.0	18.0
5 31	14 54.87	−30 32.1	4.260	5.206	4.4	18.1
6 10	14 49.54	−30 23.0	4.323	5.205	6.1	18.2
338043	2002 LZ		5 10.0	325.°81	5.°0/ 7.4	17
4 1	15 33.77	− 6 16.1	1.687	2.514	15.7	20.2
4 11	15 30.31	− 5 49.9	1.603	2.505	12.5	20.0
4 21	15 24.32	− 5 24.7	1.539	2.496	9.0	19.7
5 1	15 16.37	− 5 4.9	1.500	2.488	5.8	19.5
5 11	15 7.39	− 4 55.0	1.486	2.480	5.3	19.5
5 21	14 58.47	− 4 58.5	1.497	2.473	8.0	19.6
5 31	14 50.70	− 5 17.3	1.533	2.466	11.7	19.8
6 10	14 44.93	− 5 51.9	1.591	2.459	15.3	20.0
411178	2010 FN_{87}		5 10.0	4.°98	0.°9/ 9.7	17
4 1	15 36.88	−14 24.9	1.127	1.971	20.7	20.7
4 11	15 34.09	−14 50.1	1.057	1.970	16.4	20.4
4 21	15 27.62	−15 11.8	1.004	1.971	11.3	20.1
5 1	15 18.19	−15 30.8	0.973	1.972	5.5	19.8
5 11	15 7.18	−15 48.6	0.964	1.973	1.2	19.5
5 21	14 56.32	−16 7.4	0.978	1.976	7.0	19.9
5 31	14 47.29	−16 30.1	1.015	1.980	12.7	20.2
6 10	14 41.31	−16 59.7	1.072	1.984	17.6	20.5
140923	2001 VX_{66}		5 10.0	229.°05	1.°3/10.8	17 R
4 1	15 36.25	−22 24.9	2.031	2.821	14.7	20.5
4 11	15 32.04	−22 21.7	1.933	2.813	11.8	20.3
4 21	15 25.39	−22 7.9	1.855	2.805	8.3	20.1
5 1	15 16.87	−21 43.8	1.803	2.796	4.4	19.8
5 11	15 7.35	−21 10.9	1.778	2.787	1.3	19.6
5 21	14 57.85	−20 32.5	1.781	2.777	4.6	19.8
5 31	14 49.41	−19 53.1	1.810	2.767	8.6	20.0
6 10	14 42.86	−19 17.8	1.865	2.757	12.3	20.2
249677	1999 VU_{186}		5 10.0	178.°21	1.°7/ 8.8	17
4 1	15 36.49	−15 50.6	1.966	2.770	14.6	21.1
4 11	15 32.02	−15 11.1	1.880	2.772	11.4	20.9
4 21	15 25.23	−14 23.7	1.816	2.774	7.8	20.7
5 1	15 16.72	−13 31.2	1.778	2.774	3.8	20.4
5 11	15 7.38	−12 37.7	1.767	2.774	2.0	20.3
5 21	14 58.21	−11 48.1	1.785	2.774	5.5	20.5
5 31	14 50.16	−11 7.0	1.829	2.773	9.5	20.8
6 10	14 43.97	−10 37.8	1.898	2.771	13.0	21.0
384220	2009 DK_4		5 10.0	196.°43	14.°1/14.2	18
4 1	15 53.71	−40 45.6	1.354	2.084	23.5	20.8
4 11	15 49.10	−43 12.7	1.274	2.083	20.9	20.5
4 21	15 39.26	−45 23.6	1.209	2.081	18.1	20.3
5 1	15 24.51	−47 4.4	1.164	2.078	15.6	20.2
5 11	15 6.44	−48 2.6	1.139	2.075	14.2	20.1
5 21	14 47.69	−48 12.1	1.137	2.072	14.5	20.1
5 31	14 31.30	−47 37.6	1.155	2.067	16.5	20.2
6 10	14 19.49	−46 33.7	1.193	2.062	19.2	20.3
187990	2001 RT_{123}		5 10.0	26.°53	4.°7/12.2	17
4 1	15 37.75	−27 21.3	1.554	2.347	18.3	19.5
4 11	15 34.09	−28 8.0	1.475	2.350	15.1	19.2
4 21	15 27.26	−28 41.4	1.414	2.353	11.2	19.0
5 1	15 17.91	−28 58.2	1.376	2.357	7.3	18.8
5 11	15 7.24	−28 57.2	1.363	2.362	4.7	18.6
5 21	14 56.68	−28 40.3	1.374	2.366	6.4	18.8
5 31	14 47.65	−28 12.5	1.411	2.371	10.2	19.0
6 10	14 41.20	−27 41.0	1.470	2.376	14.0	19.2
512274	2016 FH_{36}		5 10.0	2.°27	3.°2/ 8.1	17
4 1	15 31.66	−14 19.1	1.401	2.239	17.7	21.0
4 11	15 29.11	−13 23.9	1.327	2.238	13.9	20.8
4 21	15 23.69	−12 18.9	1.272	2.238	9.5	20.5
5 1	15 16.10	−11 9.4	1.241	2.238	5.0	20.2
5 11	15 7.46	−10 2.1	1.234	2.239	3.6	20.1
5 21	14 59.04	− 9 4.5	1.252	2.240	7.5	20.4
5 31	14 52.05	− 8 22.5	1.294	2.242	12.1	20.6
6 10	14 47.37	− 7 59.8	1.356	2.244	16.2	20.9
140816	2001 UD_{161}		5 10.0	182.°29	1.°2/ 8.9	18
4 1	15 32.43	−15 8.4	2.787	3.582	11.0	21.2
4 11	15 28.15	−14 41.7	2.695	3.582	8.6	21.0
4 21	15 22.25	−14 10.2	2.627	3.582	5.8	20.8
5 1	15 15.19	−13 35.8	2.586	3.582	2.9	20.6
5 11	15 7.57	−13 1.0	2.574	3.581	1.4	20.5
5 21	15 0.05	−12 28.7	2.592	3.580	4.1	20.7
5 31	14 53.26	−12 1.5	2.638	3.579	7.0	20.9
6 10	14 47.73	−11 41.7	2.709	3.577	9.7	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
281560	2008 UU_{75}		5 10.0	293.°29	2.°4/11.8	17
	h m	° ′			°	m
4 1	15 32.49	−27 43.3	1.877	2.664	15.8	20.6
4 11	15 29.40	−27 14.3	1.773	2.648	12.9	20.3
4 21	15 23.76	−26 27.3	1.689	2.633	9.4	20.1
5 1	15 16.13	−25 22.1	1.630	2.618	5.5	19.8
5 11	15 7.46	−24 1.2	1.596	2.603	2.4	19.6
5 21	14 58.84	−22 30.1	1.590	2.588	4.9	19.7
5 31	14 51.37	−20 56.6	1.611	2.573	9.0	19.9
6 10	14 45.92	−19 28.6	1.656	2.558	13.0	20.1
61067	2000 LQ_{6}		5 10.0	132.°13	3.°2/ 8.3	18
4 1	15 38.25	−12 16.6	1.570	2.390	16.9	19.2
4 11	15 33.86	−11 38.8	1.498	2.399	13.3	19.0
4 21	15 26.69	−10 55.7	1.447	2.407	9.1	18.7
5 1	15 17.47	−10 11.3	1.420	2.415	4.9	18.5
5 11	15 7.32	− 9 30.7	1.419	2.423	3.5	18.4
5 21	14 57.45	− 8 59.1	1.444	2.430	7.1	18.6
5 31	14 49.02	− 8 40.4	1.495	2.436	11.3	18.9
6 10	14 42.86	− 8 36.9	1.567	2.443	15.1	19.2
71825	2000 UW_{41}		5 10.0	103.°11	0.°3/10.2	18
4 1	15 39.62	−18 10.2	1.540	2.351	17.6	19.0
4 11	15 35.24	−18 25.2	1.463	2.357	14.0	18.8
4 21	15 27.84	−18 32.8	1.406	2.364	9.6	18.5
5 1	15 18.12	−18 33.1	1.373	2.370	4.7	18.3
5 11	15 7.25	−18 27.6	1.366	2.376	0.6	18.0
5 21	14 56.56	−18 19.2	1.385	2.381	5.6	18.3
5 31	14 47.37	−18 11.9	1.429	2.387	10.3	18.6
6 10	14 40.63	−18 9.7	1.496	2.393	14.4	18.9
314042	2005 AF_{3}		5 10.0	226.°65	1.°1/ 9.5	17
4 1	15 39.44	−15 33.7	1.790	2.595	15.8	21.2
4 11	15 34.83	−15 29.3	1.694	2.586	12.5	21.0
4 21	15 27.48	−15 19.0	1.619	2.577	8.6	20.7
5 1	15 17.97	−15 4.2	1.569	2.566	4.2	20.4
5 11	15 7.27	−14 47.4	1.546	2.555	1.3	20.2
5 21	14 56.54	−14 31.7	1.551	2.544	5.7	20.4
5 31	14 46.98	−14 20.8	1.582	2.532	10.1	20.7
6 10	14 39.54	−14 18.3	1.636	2.519	14.2	20.9
120453	1988 RE_{12}		5 10.0	264.°45	2.°8/ 5.8	18
4 1	15 24.03	− 4 29.7	4.580	5.381	6.9	20.6
4 11	15 21.03	− 3 50.9	4.485	5.371	5.5	20.5
4 21	15 17.15	− 3 12.5	4.415	5.361	4.0	20.3
5 1	15 12.66	− 2 36.6	4.374	5.351	2.9	20.2
5 11	15 7.88	− 2 5.2	4.362	5.341	3.0	20.2
5 21	15 3.12	− 1 39.8	4.379	5.331	4.1	20.3
5 31	14 58.73	− 1 21.9	4.424	5.321	5.6	20.4
6 10	14 54.99	− 1 12.1	4.494	5.311	7.1	20.5
111903	2002 FV_{29}		5 10.0	200.°92	6.°2/ 4.6	18
4 1	15 31.98	+ 2 50.6	2.742	3.538	11.1	19.9
4 11	15 27.75	+ 3 39.0	2.662	3.535	9.2	19.8
4 21	15 21.96	+ 4 22.4	2.607	3.533	7.4	19.7
5 1	15 15.05	+ 4 56.6	2.577	3.529	6.3	19.6
5 11	15 7.61	+ 5 18.0	2.575	3.526	6.5	19.6
5 21	15 0.27	+ 5 24.2	2.600	3.522	7.9	19.7
5 31	14 53.65	+ 5 14.2	2.650	3.518	9.8	19.8
6 10	14 48.26	+ 4 48.6	2.723	3.514	11.8	19.9
154516	2003 FS_{63}		5 10.0	353.°53	5.°3/ 8.4	18
4 1	15 37.62	− 4 28.8	1.410	2.241	18.0	19.0
4 11	15 33.85	− 4 35.9	1.333	2.237	14.4	18.8
4 21	15 27.01	− 4 49.1	1.276	2.233	10.4	18.5
5 1	15 17.78	− 5 12.4	1.241	2.231	6.6	18.3
5 11	15 7.30	− 5 48.8	1.231	2.229	5.5	18.2
5 21	14 56.92	− 6 39.3	1.246	2.228	8.5	18.4
5 31	14 47.98	− 7 43.7	1.285	2.227	12.7	18.6
6 10	14 41.50	− 8 59.9	1.345	2.228	16.6	18.9
44751	1999 TS_{97}		5 10.0	65.°53	2.°2/ 8.9	18
4 1	15 37.00	−13 48.1	1.458	2.284	17.7	18.4
4 11	15 33.08	−13 30.8	1.392	2.296	13.9	18.2
4 21	15 26.26	−13 7.9	1.345	2.308	9.4	18.0
5 1	15 17.30	−12 42.5	1.322	2.319	4.7	17.7
5 11	15 7.37	−12 18.7	1.324	2.331	2.5	17.6
5 21	14 57.78	−12 0.6	1.352	2.344	6.6	17.9
5 31	14 49.71	−11 52.0	1.404	2.356	11.1	18.2
6 10	14 44.03	−11 55.5	1.478	2.368	15.0	18.5
152804	1999 TZ_{178}		5 10.0	238.°83	1.°6/11.4	18
4 1	15 32.63	−24 32.3	2.772	3.545	11.6	21.2
4 11	15 28.54	−24 27.6	2.666	3.534	9.3	21.0
4 21	15 22.67	−24 13.6	2.581	3.523	6.7	20.8
5 1	15 15.47	−23 50.6	2.524	3.512	3.8	20.6
5 11	15 7.57	−23 19.6	2.494	3.501	1.6	20.4
5 21	14 59.70	−22 43.1	2.494	3.489	3.6	20.5
5 31	14 52.56	−22 4.2	2.522	3.477	6.6	20.7
6 10	14 46.77	−21 26.9	2.576	3.465	9.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
433618	2013 YK_{108}		5 10.0	245.°42	1.°7/ 8.9	17
	h m	° ′			°	m
4 1	15 35.32	−13 48.2	1.967	2.777	14.4	21.8
4 11	15 31.23	−13 35.4	1.876	2.771	11.3	21.6
4 21	15 24.80	−13 18.2	1.807	2.766	7.7	21.3
5 1	15 16.59	−12 58.6	1.763	2.760	3.9	21.1
5 11	15 7.46	−12 39.4	1.746	2.754	2.0	20.9
5 21	14 58.38	−12 23.8	1.757	2.747	5.5	21.2
5 31	14 50.33	−12 15.1	1.794	2.741	9.4	21.4
6 10	14 44.10	−12 15.6	1.855	2.735	12.9	21.6
268355	2005 TK_{7}		5 10.0	121.°71	7.°3/15.1	18
4 1	15 42.09	−38 10.6	2.097	2.814	16.5	20.9
4 11	15 36.90	−38 58.6	2.016	2.828	14.1	20.8
4 21	15 28.83	−39 29.0	1.955	2.841	11.5	20.6
5 1	15 18.57	−39 37.3	1.916	2.853	9.1	20.5
5 11	15 7.24	−39 21.9	1.902	2.865	7.4	20.4
5 21	14 56.12	−38 44.1	1.914	2.877	7.6	20.5
5 31	14 46.44	−37 49.3	1.952	2.888	9.4	20.6
6 10	14 39.12	−36 44.9	2.015	2.899	11.8	20.8
474633	2004 UT		5 10.0	215.°00	3.°0/ 6.8	18
4 1	15 30.47	− 6 32.5	3.492	4.288	9.0	22.5
4 11	15 26.29	− 5 57.6	3.393	4.278	7.1	22.3
4 21	15 20.85	− 5 22.4	3.320	4.268	5.1	22.2
5 1	15 14.50	− 4 49.3	3.275	4.258	3.4	22.1
5 11	15 7.70	− 4 20.8	3.259	4.247	3.2	22.0
5 21	15 0.94	− 3 59.0	3.273	4.236	4.8	22.1
5 31	14 54.70	− 3 45.7	3.314	4.224	6.9	22.2
6 10	14 49.40	− 3 41.8	3.382	4.212	8.9	22.4
237253	2008 WA_{72}		5 10.0	149.°24	1.°4/11.7	18
4 1	15 29.26	−25 18.1	4.109	4.866	8.4	22.4
4 11	15 25.21	−25 14.0	4.015	4.874	6.7	22.3
4 21	15 20.04	−25 3.5	3.946	4.881	4.8	22.1
5 1	15 14.08	−24 46.7	3.904	4.889	2.8	22.0
5 11	15 7.75	−24 24.6	3.891	4.896	1.4	21.9
5 21	15 1.50	−23 58.6	3.909	4.903	2.5	22.0
5 31	14 55.76	−23 30.8	3.956	4.909	4.5	22.1
6 10	14 50.91	−23 3.4	4.031	4.916	6.4	22.3
374422	2005 WB_{85}		5 10.0	217.°20	0.°4/10.3	17
4 1	15 38.10	−19 4.9	2.091	2.883	14.3	22.4
4 11	15 33.38	−19 11.0	1.993	2.877	11.3	22.2
4 21	15 26.28	−19 10.2	1.917	2.870	7.9	22.0
5 1	15 17.33	−19 2.7	1.867	2.862	3.9	21.7
5 11	15 7.38	−18 49.7	1.844	2.854	0.5	21.4
5 21	14 57.43	−18 33.8	1.850	2.845	4.6	21.7
5 31	14 48.50	−18 18.2	1.883	2.836	8.6	21.9
6 10	14 41.40	−18 6.7	1.941	2.827	12.1	22.1
281667	2008 VB_{31}		5 10.0	260.°26	1.°8/ 8.7	17
4 1	15 32.86	−15 28.4	2.015	2.826	14.0	20.7
4 11	15 29.25	−14 49.8	1.920	2.817	11.0	20.5
4 21	15 23.43	−14 3.5	1.848	2.807	7.5	20.2
5 1	15 15.92	−13 12.1	1.801	2.797	3.7	20.0
5 11	15 7.54	−12 19.9	1.781	2.787	2.0	19.8
5 21	14 59.22	−11 31.4	1.788	2.777	5.5	20.0
5 31	14 51.88	−10 51.3	1.822	2.767	9.4	20.2
6 10	14 46.27	−10 23.1	1.880	2.757	12.9	20.4
247751	2003 OG_{24}		5 10.0	244.°26	0.°8/10.5	17
4 1	15 37.20	−21 50.6	1.788	2.587	16.1	21.3
4 11	15 33.20	−21 34.2	1.686	2.573	12.9	21.0
4 21	15 26.46	−21 5.3	1.605	2.558	9.0	20.8
5 1	15 17.51	−20 24.1	1.548	2.543	4.6	20.5
5 11	15 7.36	−19 33.2	1.517	2.527	0.8	20.2
5 21	14 57.16	−18 37.2	1.514	2.511	5.2	20.4
5 31	14 48.14	−17 42.2	1.537	2.494	9.8	20.7
6 10	14 41.27	−16 54.4	1.584	2.477	14.0	20.9
384604	2010 TJ_{177}		5 10.0	291.°58	2.°5/ 9.9	18
4 1	15 52.96	− 6 31.4	1.091	1.913	22.7	20.4
4 11	15 47.58	− 7 49.6	1.007	1.906	18.4	20.1
4 21	15 37.57	− 9 23.0	0.940	1.898	13.0	19.7
5 1	15 23.44	−11 12.0	0.895	1.890	6.8	19.3
5 11	15 6.69	−13 13.1	0.875	1.883	2.6	19.1
5 21	14 49.52	−15 19.4	0.881	1.876	8.3	19.4
5 31	14 34.34	−17 24.9	0.912	1.869	14.8	19.7
6 10	14 22.95	−19 26.2	0.965	1.862	20.4	20.0
171949	2001 SP_{313}		5 10.0	154.°53	1.°8/ 8.8	18
4 1	15 34.70	−12 13.8	2.462	3.262	12.1	20.2
4 11	15 30.13	−12 4.1	2.376	3.266	9.5	20.0
4 21	15 23.71	−11 52.0	2.314	3.270	6.5	19.8
5 1	15 15.96	−11 39.2	2.278	3.273	3.3	19.6
5 11	15 7.56	−11 28.1	2.271	3.277	2.0	19.5
5 21	14 59.27	−11 20.8	2.293	3.280	4.7	19.7
5 31	14 51.84	−11 19.5	2.343	3.283	7.8	19.9
6 10	14 45.85	−11 25.7	2.417	3.285	10.7	20.1

133578 2003 UY_{50} 5 10.0 54.°62 3.°8/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.85	−28 33.1	1.461	2.258	19.1	20.1
4 11	15 32.63	−28 32.8	1.385	2.264	15.6	19.8
4 21	15 26.22	−28 13.3	1.327	2.270	11.5	19.6
5 1	15 17.39	−27 33.1	1.291	2.277	7.1	19.4
5 11	15 7.41	−26 34.2	1.280	2.283	3.9	19.2
5 21	14 57.71	−25 22.2	1.293	2.290	5.9	19.3
5 31	14 49.68	−24 5.6	1.332	2.297	10.2	19.6
6 10	14 44.25	−22 53.4	1.392	2.303	14.4	19.8

404676 2014 HC_{163} 5 10.0 348.°80 3.°8/ 7.3 17

4 1	15 31.50	− 7 20.9	2.260	3.074	12.6	20.7
4 11	15 27.80	− 6 49.2	2.177	3.073	10.0	20.5
4 21	15 22.22	− 6 17.3	2.117	3.071	7.1	20.3
5 1	15 15.27	− 5 48.4	2.082	3.070	4.5	20.1
5 11	15 7.66	− 5 26.2	2.075	3.069	4.1	20.1
5 21	15 0.15	− 5 13.7	2.096	3.068	6.3	20.2
5 31	14 53.51	− 5 12.8	2.142	3.068	9.3	20.4
6 10	14 48.34	− 5 24.5	2.212	3.067	12.1	20.6

309815 2009 BF_{98} 5 10.0 100.°24 0.°8/10.4 17

4 1	15 38.79	−20 24.2	1.488	2.299	18.1	21.4
4 11	15 34.68	−20 26.8	1.414	2.308	14.4	21.2
4 21	15 27.50	−20 18.5	1.360	2.316	10.0	20.9
5 1	15 17.99	−19 59.7	1.329	2.324	5.0	20.7
5 11	15 7.36	−19 32.8	1.323	2.333	0.9	20.4
5 21	14 57.00	−19 1.8	1.343	2.341	5.6	20.7
5 31	14 48.20	−18 32.4	1.388	2.348	10.4	21.0
6 10	14 41.93	−18 9.8	1.456	2.356	14.6	21.3

475624 2006 UO_{192} 5 10.0 229.°71 3.°5/12.5 18

4 1	15 37.74	−29 5.6	2.861	3.605	11.9	21.9
4 11	15 32.67	−29 37.1	2.749	3.593	9.9	21.7
4 21	15 25.60	−29 59.4	2.659	3.580	7.5	21.5
5 1	15 16.97	−30 10.7	2.595	3.566	5.0	21.4
5 11	15 7.47	−30 10.6	2.559	3.553	3.5	21.2
5 21	14 57.87	−29 59.7	2.553	3.538	4.4	21.3
5 31	14 49.02	−29 40.5	2.575	3.524	6.8	21.4
6 10	14 41.60	−29 16.8	2.624	3.508	9.4	21.5

17549 1993 TW_{12} 5 10.0 157.°48 0.°1/10.1 18

4 1	15 40.29	−18 17.0	1.752	2.553	16.2	18.5
4 11	15 35.42	−18 22.0	1.670	2.558	12.9	18.3
4 21	15 27.81	−18 19.4	1.608	2.563	8.9	18.1
5 1	15 18.10	−18 9.8	1.571	2.567	4.3	17.8
5 11	15 7.35	−17 55.0	1.561	2.571	0.5	17.5
5 21	14 56.76	−17 38.0	1.579	2.574	5.2	17.9
5 31	14 47.50	−17 22.8	1.623	2.577	9.6	18.1
6 10	14 40.44	−17 13.4	1.690	2.580	13.5	18.4

140895 2001 VR_{33} 5 10.0 196.°44 0.°0/ 9.9 18

4 1	15 33.23	−19 1.2	2.882	3.666	10.9	21.0
4 11	15 28.81	−18 47.5	2.783	3.663	8.6	20.8
4 21	15 22.75	−18 27.7	2.708	3.659	5.9	20.6
5 1	15 15.50	−18 2.5	2.660	3.655	2.9	20.4
5 11	15 7.65	−17 33.9	2.641	3.651	0.3	20.2
5 21	14 59.86	−17 4.2	2.652	3.646	3.5	20.5
5 31	14 52.78	−16 36.2	2.692	3.641	6.5	20.7
6 10	14 46.96	−16 12.8	2.758	3.636	9.2	20.8

258551 2002 CM_{47} 5 10.0 69.°09 9.°7/18.9 18

4 1	15 40.19	−48 31.9	2.407	3.057	16.1	20.4
4 11	15 35.63	−49 30.6	2.324	3.065	14.5	20.3
4 21	15 28.11	−50 9.2	2.258	3.073	12.8	20.2
5 1	15 18.30	−50 22.6	2.212	3.082	11.2	20.1
5 11	15 7.33	−50 8.0	2.189	3.090	10.1	20.0
5 21	14 56.54	−49 26.1	2.188	3.098	9.8	20.0
5 31	14 47.21	−48 21.0	2.212	3.107	10.4	20.1
6 10	14 40.30	−47 0.2	2.259	3.115	11.8	20.2

196624 2003 RK_9 5 10.0 162.°91 1.°4/ 9.0 18

4 1	15 34.10	−15 47.5	2.201	3.004	13.3	21.2
4 11	15 29.92	−15 16.5	2.116	3.007	10.4	21.0
4 21	15 23.70	−14 39.0	2.053	3.010	7.1	20.8
5 1	15 16.00	−13 57.3	2.016	3.013	3.4	20.6
5 11	15 7.59	−13 14.9	2.008	3.015	1.6	20.4
5 21	14 59.34	−12 35.4	2.027	3.017	4.9	20.6
5 31	14 52.05	−12 2.7	2.074	3.019	8.4	20.9
6 10	14 46.39	−11 39.7	2.146	3.021	11.6	21.1

180126 2003 FC_{65} 5 10.0 52.°10 0.°6/10.4 17

4 1	15 35.39	−19 0.5	2.193	2.988	13.6	20.3
4 11	15 31.04	−19 17.7	2.108	2.993	10.8	20.1
4 21	15 24.54	−19 28.9	2.046	2.998	7.4	19.9
5 1	15 16.44	−19 34.2	2.009	3.003	3.7	19.7
5 11	15 7.55	−19 34.7	1.999	3.009	0.7	19.4
5 21	14 58.75	−19 32.2	2.018	3.014	4.2	19.7
5 31	14 50.94	−19 29.2	2.064	3.020	7.8	19.9
6 10	14 44.82	−19 28.6	2.135	3.026	11.0	20.1

147951 5156 $T\text{-}_3$ 5 10.0 158.°19 2.°9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.55	− 8 14.2	2.672	3.473	11.3	20.2
4 11	15 29.05	− 7 56.4	2.588	3.477	8.8	20.1
4 21	15 22.90	− 7 38.3	2.527	3.480	6.2	19.9
5 1	15 15.56	− 7 22.5	2.494	3.483	3.7	19.7
5 11	15 7.65	− 7 11.2	2.489	3.486	3.1	19.7
5 21	14 59.86	− 7 6.7	2.513	3.489	5.2	19.8
5 31	14 52.82	− 7 10.5	2.565	3.491	7.9	20.0
6 10	14 47.09	− 7 23.5	2.641	3.494	10.4	20.2

188463 2004 JD_{35} 5 10.0 295.°96 5.°4/ 7.5 17

4 1	15 36.58	− 5 22.8	1.654	2.477	16.1	20.0
4 11	15 32.88	− 5 0.5	1.553	2.452	13.0	19.8
4 21	15 26.38	− 4 39.8	1.472	2.427	9.5	19.5
5 1	15 17.58	− 4 25.5	1.415	2.402	6.3	19.2
5 11	15 7.42	− 4 22.2	1.384	2.378	5.7	19.1
5 21	14 57.05	− 4 33.8	1.378	2.353	8.7	19.2
5 31	14 47.73	− 5 2.5	1.396	2.328	12.7	19.4
6 10	14 40.52	− 5 48.5	1.436	2.304	16.7	19.6

350874 2002 PF_{105} 5 10.0 263.°93 1.°6/ 8.8 17

4 1	15 32.74	−16 14.7	2.236	3.041	13.1	21.5
4 11	15 29.02	−15 31.5	2.129	3.022	10.3	21.3
4 21	15 23.23	−14 39.7	2.045	3.003	7.0	21.1
5 1	15 15.85	−13 42.0	1.987	2.984	3.5	20.8
5 11	15 7.62	−12 42.1	1.957	2.964	1.8	20.6
5 21	14 59.38	−11 44.7	1.956	2.945	5.2	20.8
5 31	14 51.98	−10 54.5	1.981	2.924	8.9	21.0
6 10	14 46.14	−10 15.3	2.031	2.904	12.3	21.2

214448 2005 SX_{23} 5 10.0 293.°49 5.°5/ 5.7 18

4 1	15 30.69	− 3 42.8	2.233	3.049	12.7	19.9
4 11	15 27.22	− 2 45.7	2.148	3.042	10.2	19.7
4 21	15 21.87	− 1 49.2	2.087	3.035	7.6	19.6
5 1	15 15.13	− 0 58.4	2.051	3.028	5.7	19.4
5 11	15 7.71	− 0 17.9	2.042	3.021	5.8	19.4
5 21	15 0.37	+ 0 8.5	2.060	3.014	7.8	19.5
5 31	14 53.88	+ 0 18.3	2.103	3.007	10.5	19.7
6 10	14 48.84	+ 0 11.1	2.168	3.000	13.1	19.8

63298 2001 EH_6 5 10.0 329.°14 2.°4/ 9.1 18

4 1	15 31.33	−13 4.0	1.202	2.052	19.2	18.6
4 11	15 29.75	−13 4.6	1.113	2.030	15.4	18.3
4 21	15 24.82	−13 1.1	1.042	2.010	10.7	18.0
5 1	15 17.01	−12 56.1	0.992	1.991	5.4	17.6
5 11	15 7.48	−12 53.3	0.964	1.972	2.6	17.4
5 21	14 57.73	−12 56.9	0.960	1.955	7.6	17.6
5 31	14 49.40	−13 10.7	0.977	1.940	13.2	17.9
6 10	14 43.82	−13 37.6	1.013	1.925	18.3	18.1

2345 Fučik 5 10.0 146.°51 3.°9/13.2 18

4 1	15 35.03	−31 21.9	2.452	3.202	13.5	16.1
4 11	15 30.73	−31 32.9	2.360	3.206	11.2	15.9
4 21	15 24.32	−31 30.5	2.290	3.210	8.5	15.7
5 1	15 16.33	−31 13.4	2.244	3.214	5.8	15.6
5 11	15 7.59	−30 42.0	2.225	3.217	4.0	15.4
5 21	14 58.97	−29 58.7	2.234	3.221	4.8	15.5
5 31	14 51.35	−29 7.8	2.270	3.224	7.3	15.7
6 10	14 45.42	−28 14.4	2.332	3.227	10.0	15.8

192902 1999 XC_{156} 5 10.0 154.°31 0.°9/10.8 17

4 1	15 35.25	−23 9.6	2.651	3.425	12.1	21.3
4 11	15 30.47	−22 46.5	2.563	3.434	9.6	21.2
4 21	15 23.89	−22 13.8	2.497	3.442	6.7	21.0
5 1	15 16.05	−21 32.3	2.458	3.450	3.5	20.8
5 11	15 7.63	−20 44.4	2.448	3.457	0.9	20.6
5 21	14 59.38	−19 53.1	2.468	3.464	3.6	20.8
5 31	14 52.02	−19 2.4	2.517	3.470	6.7	21.0
6 10	14 46.11	−18 16.3	2.592	3.475	9.6	21.2

506739 2006 VT_{40} 5 10.0 163.°57 0.°2/ 9.8 17

4 1	15 32.85	−18 23.2	2.827	3.614	11.1	23.1
4 11	15 28.49	−18 5.8	2.737	3.619	8.7	23.0
4 21	15 22.52	−17 42.4	2.670	3.623	5.9	22.8
5 1	15 15.38	−17 14.1	2.631	3.627	2.8	22.6
5 11	15 7.70	−16 43.0	2.620	3.630	0.4	22.4
5 21	15 0.13	−16 11.7	2.639	3.633	3.6	22.6
5 31	14 53.31	−15 43.1	2.687	3.635	6.6	22.8
6 10	14 47.76	−15 19.6	2.760	3.638	9.2	23.0

344026 2012 JP_{10} 5 10.0 179.°99 1.°1/ 9.4 17

4 1	15 37.11	−15 35.0	1.971	2.775	14.6	21.4
4 11	15 32.60	−15 24.2	1.884	2.775	11.5	21.2
4 21	15 25.72	−15 7.8	1.819	2.776	7.8	21.0
5 1	15 17.06	−14 47.2	1.779	2.776	3.8	20.7
5 11	15 7.52	−14 25.3	1.767	2.776	1.3	20.5
5 21	14 58.08	−14 5.1	1.783	2.775	5.1	20.8
5 31	14 49.74	−13 50.2	1.826	2.775	9.1	21.0
6 10	14 43.27	−13 43.4	1.892	2.773	12.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
115741	2003 UA_{189}		5 10.0	185.°20	1.°8/11.3	17
	h m	° ′			°	m
4 1	15 35.24	−23 56.9	2.209	2.992	13.9	20.5
4 11	15 31.01	−23 58.0	2.117	2.992	11.2	20.3
4 21	15 24.58	−23 48.7	2.047	2.992	7.9	20.1
5 1	15 16.49	−23 28.9	2.001	2.991	4.4	19.9
5 11	15 7.58	−23 0.0	1.983	2.990	1.8	19.7
5 21	14 58.76	−22 24.8	1.993	2.990	4.2	19.9
5 31	14 50.94	−21 47.4	2.031	2.988	7.8	20.1
6 10	14 44.86	−21 12.4	2.094	2.987	11.1	20.3
342495	2008 UD_{170}		5 10.0	202.°29	1.°6/11.2	17
4 1	15 35.43	−24 4.5	2.272	3.052	13.6	21.4
4 11	15 31.12	−23 58.1	2.176	3.049	11.0	21.2
4 21	15 24.63	−23 41.0	2.101	3.045	7.8	21.0
5 1	15 16.52	−23 13.2	2.051	3.042	4.3	20.8
5 11	15 7.58	−22 36.3	2.030	3.037	1.6	20.6
5 21	14 58.72	−21 53.4	2.037	3.033	4.1	20.7
5 31	14 50.84	−21 8.8	2.071	3.028	7.7	20.9
6 10	14 44.65	−20 27.2	2.131	3.022	11.0	21.1
167820	2005 CW_8		5 10.0	230.°73	1.°7/11.1	18
4 1	15 35.39	−22 47.6	2.019	2.810	14.7	20.4
4 11	15 31.36	−22 56.9	1.929	2.810	11.8	20.2
4 21	15 24.95	−22 56.4	1.860	2.809	8.4	20.0
5 1	15 16.72	−22 45.9	1.816	2.808	4.6	19.7
5 11	15 7.56	−22 26.6	1.799	2.807	1.7	19.5
5 21	14 58.48	−22 1.1	1.809	2.806	4.5	19.7
5 31	14 50.49	−21 33.3	1.846	2.805	8.3	19.9
6 10	14 44.36	−21 8.0	1.908	2.804	11.8	20.2
205742	2002 BW_{13}		5 10.0	93.°44	0.°8/10.5	18
4 1	15 39.51	−21 49.4	1.538	2.343	18.0	20.8
4 11	15 34.95	−21 33.2	1.473	2.362	14.2	20.6
4 21	15 27.48	−21 4.1	1.427	2.382	9.8	20.4
5 1	15 17.90	−20 23.0	1.406	2.401	4.9	20.2
5 11	15 7.46	−19 33.7	1.410	2.420	0.8	19.9
5 21	14 57.44	−18 41.6	1.441	2.438	5.3	20.3
5 31	14 49.06	−17 52.9	1.497	2.456	9.9	20.6
6 10	14 43.11	−17 13.3	1.577	2.473	13.8	20.8
1384	Kniertje		5 10.0	146.°73	5.°3/ 5.8	18
4 1	15 34.40	− 3 53.9	2.272	3.079	12.8	16.6
4 11	15 29.92	− 2 51.5	2.200	3.088	10.2	16.4
4 21	15 23.58	− 1 50.2	2.151	3.097	7.6	16.3
5 1	15 15.91	− 0 54.8	2.130	3.105	5.6	16.2
5 11	15 7.67	− 0 10.0	2.135	3.113	5.7	16.2
5 21	14 59.62	+ 0 20.6	2.169	3.120	7.6	16.3
5 31	14 52.51	+ 0 34.8	2.228	3.126	10.2	16.5
6 10	14 46.92	+ 0 32.4	2.309	3.132	12.7	16.6
280402	2003 UF_{352}		5 10.0	246.°25	0.°7/ 9.6	18
4 1	15 35.52	−16 7.9	2.083	2.886	13.9	21.3
4 11	15 31.32	−16 4.4	1.988	2.879	11.0	21.1
4 21	15 24.87	−15 55.6	1.915	2.871	7.5	20.8
5 1	15 16.68	−15 42.5	1.867	2.864	3.6	20.6
5 11	15 7.57	−15 27.4	1.847	2.856	0.9	20.4
5 21	14 58.49	−15 12.9	1.855	2.849	4.8	20.6
5 31	14 50.37	−15 2.1	1.890	2.841	8.7	20.8
6 10	14 44.00	−14 58.0	1.949	2.833	12.2	21.0
370987	2005 SD_{289}		5 10.0	236.°84	0.°6/ 9.7	17
4 1	15 36.08	−17 27.7	1.930	2.734	14.8	22.1
4 11	15 31.99	−17 13.8	1.834	2.725	11.8	21.9
4 21	15 25.44	−16 52.2	1.760	2.716	8.1	21.7
5 1	15 17.00	−16 24.3	1.710	2.707	3.9	21.4
5 11	15 7.54	−15 52.7	1.688	2.698	0.9	21.1
5 21	14 58.10	−15 21.2	1.693	2.688	5.1	21.4
5 31	14 49.73	−14 53.9	1.725	2.677	9.3	21.6
6 10	14 43.26	−14 34.8	1.781	2.667	13.1	21.8
151003	2001 UZ_{58}		5 10.0	48.°87	1.°7/ 8.9	18
4 1	15 32.87	−17 41.3	1.561	2.385	16.8	19.7
4 11	15 29.72	−16 47.3	1.491	2.394	13.2	19.4
4 21	15 23.92	−15 41.8	1.440	2.403	8.9	19.2
5 1	15 16.20	−14 28.8	1.414	2.412	4.3	18.9
5 11	15 7.64	−13 14.3	1.414	2.422	2.0	18.8
5 21	14 59.38	−12 5.2	1.440	2.432	6.2	19.1
5 31	14 52.50	−11 7.9	1.490	2.441	10.6	19.4
6 10	14 47.76	−10 26.7	1.563	2.452	14.4	19.6
350295	2012 TU_{310}		5 10.0	107.°32	1.°8/11.4	18
4 1	15 36.92	−23 44.8	2.524	3.295	12.7	21.2
4 11	15 31.89	−24 0.3	2.445	3.313	10.1	21.1
4 21	15 24.94	−24 7.5	2.389	3.330	7.2	20.9
5 1	15 16.59	−24 5.7	2.358	3.346	4.0	20.8
5 11	15 7.60	−23 56.0	2.357	3.363	1.8	20.6
5 21	14 58.80	−23 40.2	2.384	3.379	3.8	20.8
5 31	14 50.94	−23 21.2	2.440	3.394	6.8	21.0
6 10	14 44.66	−23 2.6	2.521	3.410	9.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
389765	2011 SN_{215}		5 10.0	220.°61	3.°6/12.6	16
	h m	° ′			°	m
4 1	15 35.78	−28 57.3	2.466	3.223	13.3	21.8
4 11	15 31.38	−29 23.7	2.367	3.220	10.9	21.6
4 21	15 24.84	−29 39.3	2.290	3.216	8.2	21.4
5 1	15 16.65	−29 42.4	2.238	3.212	5.5	21.2
5 11	15 7.59	−29 32.8	2.213	3.208	3.7	21.1
5 21	14 58.54	−29 12.0	2.216	3.204	4.7	21.2
5 31	14 50.39	−28 43.2	2.247	3.200	7.4	21.3
6 10	14 43.90	−28 11.0	2.303	3.195	10.2	21.5
138904	2000 YO_{108}		5 10.0	186.°01	1.°4/ 8.9	18
4 1	15 32.44	−13 44.4	2.936	3.730	10.5	20.6
4 11	15 28.11	−13 26.8	2.843	3.730	8.2	20.4
4 21	15 22.25	−13 5.8	2.774	3.729	5.6	20.2
5 1	15 15.27	−12 43.1	2.732	3.728	2.8	20.0
5 11	15 7.75	−12 20.8	2.720	3.727	1.5	19.9
5 21	15 0.30	−12 1.2	2.737	3.725	4.0	20.1
5 31	14 53.53	−11 46.6	2.783	3.723	6.8	20.3
6 10	14 47.95	−11 38.6	2.854	3.720	9.3	20.4
293502	2007 GO_{10}		5 10.0	271.°40	4.°1/ 3.9	18
4 1	15 24.27	+ 1 50.2	4.356	5.152	7.3	20.8
4 11	15 21.28	+ 2 38.9	4.275	5.149	6.0	20.7
4 21	15 17.38	+ 3 24.8	4.220	5.146	4.8	20.6
5 1	15 12.85	+ 4 5.3	4.191	5.142	4.1	20.5
5 11	15 8.02	+ 4 38.3	4.191	5.139	4.3	20.5
5 21	15 3.25	+ 5 2.0	4.219	5.135	5.3	20.6
5 31	14 58.86	+ 5 15.3	4.272	5.132	6.6	20.7
6 10	14 55.17	+ 5 18.1	4.350	5.128	7.9	20.8
30806	1989 UP_5		5 10.1	34.°95	0.°4/ 9.5	18
4 1	15 25.51	−16 41.0	4.300	5.089	7.5	19.9
4 11	15 22.29	−16 27.7	4.207	5.090	5.9	19.8
4 21	15 18.08	−16 11.1	4.138	5.092	3.9	19.7
5 1	15 13.20	−15 52.3	4.097	5.093	1.9	19.5
5 11	15 7.99	−15 32.6	4.086	5.095	0.5	19.4
5 21	15 2.84	−15 13.4	4.104	5.097	2.5	19.6
5 31	14 58.10	−14 56.3	4.152	5.098	4.5	19.7
6 10	14 54.11	−14 42.7	4.226	5.100	6.4	19.9
32987	Uyuni		5 10.1	258.°69	4.°5/ 7.7	18
4 1	15 38.10	− 5 39.0	1.979	2.787	14.4	18.6
4 11	15 33.45	− 5 24.1	1.882	2.773	11.5	18.4
4 21	15 26.41	− 5 10.9	1.807	2.759	8.3	18.2
5 1	15 17.49	− 5 3.2	1.758	2.744	5.4	18.0
5 11	15 7.53	− 5 4.2	1.735	2.729	4.7	17.9
5 21	14 57.53	− 5 16.6	1.740	2.714	7.3	18.0
5 31	14 48.51	− 5 42.0	1.771	2.698	10.8	18.2
6 10	14 41.30	− 6 20.6	1.826	2.683	14.1	18.4
125508	2001 WG_{37}		5 10.1	275.°58	2.°6/ 8.9	18
4 1	15 39.22	−10 26.6	1.812	2.622	15.4	20.7
4 11	15 34.74	−10 31.3	1.709	2.603	12.3	20.5
4 21	15 27.56	−10 35.7	1.627	2.584	8.6	20.2
5 1	15 18.16	−10 41.7	1.570	2.565	4.6	19.9
5 11	15 7.46	−10 51.8	1.540	2.545	2.8	19.8
5 21	14 56.58	−11 8.0	1.537	2.525	6.4	19.9
5 31	14 46.73	−11 32.3	1.560	2.505	10.7	20.1
6 10	14 38.90	−12 6.0	1.607	2.485	14.7	20.3
176415	2001 VR_7		5 10.1	159.°30	0.°2/ 9.9	18
4 1	15 32.49	−19 33.2	2.627	3.416	11.7	20.9
4 11	15 28.36	−19 1.5	2.538	3.421	9.2	20.7
4 21	15 22.50	−18 21.9	2.472	3.425	6.3	20.5
5 1	15 15.42	−17 36.1	2.433	3.429	3.0	20.3
5 11	15 7.77	−16 46.7	2.423	3.432	0.4	20.1
5 21	15 0.26	−15 57.2	2.442	3.436	3.8	20.4
5 31	14 53.57	−15 11.2	2.489	3.438	7.0	20.6
6 10	14 48.25	−14 32.1	2.562	3.441	9.8	20.8
48238	2001 ML_{11}		5 10.1	151.°19	4.°3/ 6.2	18
4 1	15 35.77	−13 4.2	1.924	2.735	14.6	18.6
4 11	15 31.37	−11 7.6	1.846	2.742	11.4	18.4
4 21	15 24.75	− 9 1.0	1.791	2.749	7.9	18.2
5 1	15 16.55	− 6 51.3	1.764	2.754	4.9	18.0
5 11	15 7.67	− 4 47.1	1.767	2.760	4.8	18.0
5 21	14 59.06	− 2 56.6	1.798	2.765	7.7	18.2
5 31	14 51.62	− 1 26.4	1.856	2.769	11.2	18.4
6 10	14 46.01	− 0 19.7	1.937	2.773	14.3	18.7
241376	2008 RK_{108}		5 10.1	144.°38	0.°8/ 8.9	18
4 1	15 27.90	−15 15.2	4.243	5.029	7.7	22.5
4 11	15 24.07	−14 48.5	4.157	5.040	5.9	22.4
4 21	15 19.25	−14 18.6	4.096	5.050	4.0	22.2
5 1	15 13.76	−13 46.9	4.064	5.060	1.9	22.1
5 11	15 7.96	−13 15.2	4.062	5.069	0.9	22.0
5 21	15 2.25	−12 45.1	4.091	5.079	2.8	22.2
5 31	14 57.01	−12 18.3	4.149	5.088	4.8	22.3
6 10	14 52.56	−11 56.5	4.233	5.096	6.6	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
305703	2009 BE_{169}		5 10.1	78.°17	1.°4/10.9	17
	h m	° ′			°	m
4 1	15 36.73	−23 28.7	1.444	2.255	18.6	20.9
4 11	15 33.16	−23 12.6	1.372	2.264	14.9	20.7
4 21	15 26.52	−22 40.9	1.320	2.274	10.4	20.5
5 1	15 17.56	−21 54.2	1.290	2.284	5.5	20.2
5 11	15 7.56	−20 56.3	1.285	2.294	1.4	19.9
5 21	14 57.89	−19 53.3	1.306	2.304	5.5	20.2
5 31	14 49.85	−18 52.6	1.351	2.314	10.3	20.5
6 10	14 44.33	−18 1.2	1.419	2.323	14.6	20.8
344073	1997 CD_{16}		5 10.1	122.°55	6.°9/ 3.6	18
4 1	15 31.65	+ 3 51.9	2.609	3.408	11.6	21.2
4 11	15 27.53	+ 5 2.3	2.548	3.419	9.6	21.0
4 21	15 21.84	+ 6 6.9	2.510	3.430	7.9	20.9
5 1	15 15.06	+ 7 0.7	2.498	3.442	6.9	20.9
5 11	15 7.83	+ 7 39.5	2.513	3.452	7.2	20.9
5 21	15 0.78	+ 8 0.7	2.555	3.463	8.6	21.0
5 31	14 54.52	+ 8 3.3	2.620	3.473	10.4	21.2
6 10	14 49.55	+ 7 48.2	2.708	3.483	12.3	21.3
384763	2012 JA_{28}		5 10.1	264.°31	3.°4/ 8.3	18
4 1	15 40.01	− 8 13.3	2.070	2.871	14.1	20.9
4 11	15 35.03	− 8 6.2	1.958	2.846	11.3	20.6
4 21	15 27.59	− 7 59.4	1.868	2.821	8.0	20.4
5 1	15 18.13	− 7 55.5	1.804	2.795	4.7	20.1
5 11	15 7.49	− 7 57.4	1.769	2.769	3.6	20.0
5 21	14 56.63	− 8 7.4	1.761	2.742	6.5	20.1
5 31	14 46.64	− 8 27.6	1.781	2.714	10.4	20.3
6 10	14 38.41	− 8 59.0	1.825	2.686	14.0	20.4
278799	2008 SY_{232}		5 10.1	184.°28	0.°2/ 9.9	17
4 1	15 36.06	−17 44.1	2.036	2.836	14.3	21.4
4 11	15 31.77	−17 42.7	1.947	2.836	11.3	21.2
4 21	15 25.18	−17 34.8	1.881	2.836	7.7	21.0
5 1	15 16.85	−17 21.3	1.840	2.836	3.8	20.7
5 11	15 7.64	−17 4.1	1.826	2.836	0.5	20.5
5 21	14 58.51	−16 46.1	1.840	2.835	4.6	20.8
5 31	14 50.44	−16 30.6	1.881	2.834	8.6	21.0
6 10	14 44.18	−16 20.9	1.946	2.833	12.1	21.2
780	Armenia		5 10.1	232.°83	7.°8/ 2.5	18
4 1	15 31.03	+ 6 6.7	2.535	3.332	11.9	14.4
4 11	15 27.24	+ 7 21.7	2.460	3.326	10.1	14.2
4 21	15 21.77	+ 8 30.3	2.408	3.320	8.6	14.1
5 1	15 15.09	+ 9 27.0	2.381	3.313	7.8	14.0
5 11	15 7.83	+10 6.9	2.380	3.306	8.2	14.1
5 21	15 0.66	+10 27.1	2.405	3.299	9.6	14.1
5 31	14 54.25	+10 26.3	2.453	3.292	11.5	14.2
6 10	14 49.14	+10 5.3	2.522	3.285	13.4	14.4
36191	1999 TY_{78}		5 10.1	35.°11	1.°0/ 9.3	18
4 1	15 31.58	−16 26.2	2.066	2.877	13.8	19.0
4 11	15 28.09	−16 5.3	1.989	2.885	10.8	18.8
4 21	15 22.54	−15 38.0	1.934	2.893	7.3	18.6
5 1	15 15.51	−15 6.4	1.905	2.902	3.5	18.3
5 11	15 7.79	−14 33.5	1.902	2.911	1.2	18.2
5 21	15 0.25	−14 3.0	1.927	2.920	4.7	18.5
5 31	14 53.72	−13 38.2	1.979	2.930	8.4	18.7
6 10	14 48.84	−13 22.1	2.054	2.940	11.6	18.9
505199	2012 TP_{159}		5 10.1	210.°81	0.°8/10.6	17
4 1	15 36.32	−20 38.5	2.445	3.227	12.7	22.3
4 11	15 31.66	−20 44.7	2.345	3.222	10.1	22.1
4 21	15 24.97	−20 43.7	2.267	3.216	7.1	21.9
5 1	15 16.72	−20 35.8	2.216	3.210	3.6	21.7
5 11	15 7.66	−20 22.0	2.194	3.203	0.9	21.5
5 21	14 58.61	−20 4.4	2.200	3.196	3.9	21.7
5 31	14 50.42	−19 46.1	2.235	3.189	7.4	21.9
6 10	14 43.78	−19 30.2	2.295	3.181	10.5	22.1
500973	2013 QE_{74}		5 10.1	298.°56	3.°8/ 7.8	17
4 1	15 32.88	−12 16.0	1.509	2.342	16.9	21.2
4 11	15 30.29	−11 28.6	1.408	2.316	13.5	20.9
4 21	15 24.81	−10 32.7	1.326	2.289	9.4	20.6
5 1	15 16.93	− 9 32.6	1.267	2.263	5.3	20.3
5 11	15 7.62	− 8 34.7	1.234	2.236	4.2	20.2
5 21	14 58.11	− 7 45.6	1.225	2.210	8.1	20.3
5 31	14 49.74	− 7 11.9	1.240	2.184	12.9	20.5
6 10	14 43.60	− 6 57.7	1.275	2.158	17.4	20.7
248392	2005 SY_{34}		5 10.1	230.°41	1.°0/10.8	18
4 1	15 35.10	−20 57.9	2.675	3.454	11.8	20.8
4 11	15 30.55	−21 11.4	2.572	3.447	9.4	20.7
4 21	15 24.14	−21 18.7	2.492	3.439	6.6	20.5
5 1	15 16.30	−21 19.5	2.439	3.431	3.5	20.2
5 11	15 7.71	−21 14.8	2.414	3.423	1.0	20.0
5 21	14 59.10	−21 6.0	2.418	3.414	3.6	20.2
5 31	14 51.24	−20 55.6	2.451	3.405	6.8	20.4
6 10	14 44.78	−20 46.3	2.510	3.396	9.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
436895	2012 TO_{51}		5 10.1	217.°45	1.°5/ 8.9	17
	h m	° ′			°	m
4 1	15 32.80	−16 0.2	2.158	2.965	13.4	21.8
4 11	15 29.03	−15 22.1	2.068	2.962	10.5	21.6
4 21	15 23.20	−14 36.6	2.001	2.959	7.1	21.4
5 1	15 15.85	−13 46.3	1.959	2.956	3.5	21.2
5 11	15 7.76	−12 55.0	1.945	2.953	1.7	21.0
5 21	14 59.78	−12 6.9	1.960	2.949	5.0	21.2
5 31	14 52.74	−11 26.4	2.001	2.946	8.7	21.4
6 10	14 47.32	−10 56.6	2.066	2.942	11.9	21.6
292445	2006 SY_{353}		5 10.1	206.°24	3.°4/ 6.9	18
4 1	15 31.53	− 8 53.9	2.603	3.410	11.4	21.2
4 11	15 27.60	− 8 2.2	2.514	3.406	8.9	21.1
4 21	15 22.01	− 7 8.0	2.448	3.402	6.3	20.9
5 1	15 15.21	− 6 14.8	2.409	3.397	4.0	20.7
5 11	15 7.84	− 5 26.5	2.399	3.393	3.7	20.7
5 21	15 0.55	− 4 46.7	2.418	3.387	5.8	20.8
5 31	14 54.00	− 4 18.1	2.463	3.382	8.5	21.0
6 10	14 48.74	− 4 2.3	2.533	3.376	11.1	21.2
130034	1999 VT_{99}		5 10.1	308.°81	0.°0/10.1	17
4 1	15 34.53	−17 57.7	1.737	2.551	15.9	19.6
4 11	15 31.18	−18 4.7	1.640	2.536	12.6	19.3
4 21	15 25.17	−18 4.8	1.564	2.522	8.8	19.1
5 1	15 17.00	−17 58.5	1.512	2.509	4.3	18.8
5 11	15 7.63	−17 47.6	1.485	2.495	0.4	18.4
5 21	14 58.19	−17 34.8	1.485	2.482	5.2	18.8
5 31	14 49.85	−17 23.9	1.510	2.469	9.8	19.0
6 10	14 43.58	−17 18.9	1.558	2.457	13.9	19.2
204603	2005 JW_3		5 10.1	159.°12	2.°1/11.4	18
4 1	15 38.10	−23 56.8	2.513	3.281	12.8	20.5
4 11	15 32.98	−24 18.3	2.422	3.287	10.3	20.4
4 21	15 25.82	−24 31.6	2.353	3.292	7.4	20.2
5 1	15 17.12	−24 35.9	2.310	3.297	4.2	20.0
5 11	15 7.65	−24 31.6	2.296	3.301	2.1	19.8
5 21	14 58.25	−24 20.3	2.311	3.305	4.0	20.0
5 31	14 49.77	−24 4.7	2.355	3.308	7.1	20.2
6 10	14 42.88	−23 48.5	2.424	3.311	10.0	20.4
119807	2002 AD_{151}		5 10.1	41.°83	2.°1/11.5	17
4 1	15 33.38	−24 19.1	2.068	2.857	14.5	20.1
4 11	15 29.65	−24 26.6	1.990	2.868	11.6	19.9
4 21	15 23.69	−24 23.3	1.933	2.879	8.3	19.7
5 1	15 16.10	−24 9.2	1.901	2.890	4.7	19.5
5 11	15 7.76	−23 45.6	1.895	2.902	2.1	19.3
5 21	14 59.60	−23 15.5	1.917	2.913	4.3	19.5
5 31	14 52.53	−22 42.9	1.966	2.926	7.8	19.8
6 10	14 47.25	−22 12.4	2.039	2.938	11.0	20.0
251594	2009 HY_{26}		5 10.1	0.°67	0.°4/10.2	17
4 1	15 31.43	−19 53.5	1.186	2.028	20.0	20.3
4 11	15 29.70	−19 48.0	1.114	2.025	15.9	20.0
4 21	15 24.60	−19 29.3	1.059	2.024	11.0	19.7
5 1	15 16.82	−18 58.7	1.026	2.024	5.5	19.4
5 11	15 7.68	−18 19.9	1.015	2.025	0.6	19.1
5 21	14 58.71	−17 38.8	1.027	2.026	6.4	19.5
5 31	14 51.43	−17 2.5	1.062	2.029	11.8	19.8
6 10	14 46.91	−16 37.1	1.116	2.033	16.6	20.1
210908	2001 SS_{229}		5 10.1	300.°16	2.°5/11.4	17
4 1	15 36.45	−23 45.1	2.146	2.928	14.2	20.1
4 11	15 32.18	−24 15.9	2.051	2.924	11.5	19.9
4 21	15 25.56	−24 38.4	1.978	2.920	8.3	19.7
5 1	15 17.11	−24 51.3	1.929	2.917	4.8	19.5
5 11	15 7.66	−24 54.5	1.908	2.913	2.5	19.3
5 21	14 58.20	−24 49.4	1.914	2.909	4.6	19.4
5 31	14 49.74	−24 38.9	1.948	2.905	8.1	19.6
6 10	14 43.08	−24 27.1	2.006	2.902	11.4	19.8
200673	2001 TH_{128}		5 10.1	251.°34	2.°2/ 8.9	16
4 1	15 38.92	−13 45.5	1.642	2.457	16.6	21.3
4 11	15 34.80	−13 27.0	1.543	2.441	13.2	21.0
4 21	15 27.76	−13 2.4	1.464	2.424	9.1	20.8
5 1	15 18.33	−12 34.3	1.410	2.406	4.6	20.5
5 11	15 7.53	−12 6.2	1.381	2.388	2.5	20.3
5 21	14 56.60	−11 42.5	1.379	2.370	6.6	20.5
5 31	14 46.85	−11 27.8	1.403	2.350	11.4	20.7
6 10	14 39.35	−11 25.4	1.448	2.331	15.7	20.9
75329	1999 XE_{53}		5 10.1	243.°48	0.°1/ 9.9	18
4 1	15 37.30	−19 21.9	1.950	2.747	14.9	20.2
4 11	15 33.07	−19 2.4	1.844	2.731	11.9	19.9
4 21	15 26.30	−18 32.8	1.760	2.715	8.3	19.7
5 1	15 17.52	−17 54.3	1.701	2.697	4.1	19.4
5 11	15 7.62	−17 9.5	1.670	2.679	0.5	19.1
5 21	14 57.66	−16 22.6	1.666	2.661	5.1	19.4
5 31	14 48.73	−15 38.7	1.689	2.642	9.4	19.6
6 10	14 41.72	−15 2.8	1.736	2.622	13.4	19.8

200241 1999 VY_{97} 5 10.1 114.°41 0.°7/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.69	−18 16.0	1.994	2.799	14.4	20.5
4 11	15 29.87	−17 43.6	1.911	2.804	11.3	20.3
4 21	15 23.84	−17 2.2	1.851	2.808	7.7	20.1
5 1	15 16.18	−16 14.0	1.816	2.813	3.7	19.9
5 11	15 7.77	−15 22.8	1.808	2.817	1.0	19.7
5 21	14 59.54	−14 32.9	1.828	2.821	4.9	20.0
5 31	14 52.39	−13 49.1	1.874	2.826	8.7	20.2
6 10	14 47.02	−13 15.3	1.945	2.830	12.2	20.4

134732 2000 AW_{122} 5 10.1 171.°68 1.°5/ 8.9 16

4 1	15 37.51	−15 40.2	2.257	3.052	13.3	21.6
4 11	15 32.54	−15 5.4	2.170	3.056	10.4	21.4
4 21	15 25.50	−14 24.0	2.105	3.060	7.1	21.2
5 1	15 16.96	−13 38.2	2.067	3.063	3.5	20.9
5 11	15 7.70	−12 51.7	2.058	3.066	1.7	20.8
5 21	14 58.60	−12 8.2	2.078	3.067	4.9	21.0
5 31	14 50.49	−11 31.6	2.126	3.068	8.5	21.3
6 10	14 44.04	−11 5.0	2.199	3.067	11.6	21.5

205535 2001 SW_{166} 5 10.1 17.°93 4.°0/ 6.9 17

4 1	15 31.04	− 9 28.5	2.065	2.885	13.4	20.0
4 11	15 27.65	− 8 28.5	1.986	2.885	10.6	19.8
4 21	15 22.25	− 7 24.9	1.929	2.886	7.4	19.6
5 1	15 15.40	− 6 22.5	1.898	2.887	4.7	19.4
5 11	15 7.86	− 5 26.3	1.894	2.888	4.3	19.4
5 21	15 0.48	− 4 40.9	1.917	2.890	6.8	19.5
5 31	14 54.05	− 4 10.0	1.966	2.891	10.0	19.7
6 10	14 49.21	− 3 55.2	2.038	2.892	13.0	19.9

398651 2012 TL_{71} 5 10.1 164.°72 4.°7/13.0 17

4 1	15 38.30	−30 54.0	2.244	2.995	14.6	21.7
4 11	15 33.66	−31 34.0	2.151	2.997	12.2	21.5
4 21	15 26.58	−32 1.8	2.080	2.998	9.4	21.3
5 1	15 17.61	−32 14.6	2.033	3.000	6.6	21.1
5 11	15 7.63	−32 11.5	2.012	3.001	4.8	21.0
5 21	14 57.68	−31 53.8	2.019	3.002	5.6	21.1
5 31	14 48.81	−31 25.0	2.053	3.003	8.2	21.2
6 10	14 41.84	−30 50.5	2.112	3.004	11.0	21.4

352133 2007 HH_{55} 5 10.1 327.°02 5.°5/ 7.7 17

4 1	15 31.41	− 9 31.2	1.104	1.962	20.0	20.3
4 11	15 29.92	− 8 50.6	1.026	1.947	16.0	20.0
4 21	15 24.96	− 8 5.4	0.965	1.933	11.4	19.7
5 1	15 17.12	− 7 21.8	0.925	1.919	6.9	19.4
5 11	15 7.66	− 6 47.7	0.906	1.907	5.9	19.3
5 21	14 58.16	− 6 30.1	0.909	1.895	10.0	19.4
5 31	14 50.25	− 6 34.0	0.933	1.885	15.1	19.7
6 10	14 45.17	− 7 0.9	0.974	1.875	19.9	19.9

370735 2004 RD_{113} 5 10.1 210.°40 3.°1/12.9 18

4 1	15 37.17	−30 54.7	2.721	3.462	12.6	22.0
4 11	15 32.23	−30 41.3	2.611	3.453	10.4	21.8
4 21	15 25.30	−30 14.1	2.523	3.444	7.8	21.6
5 1	15 16.88	−29 32.4	2.460	3.435	5.1	21.5
5 11	15 7.72	−28 37.2	2.427	3.424	3.2	21.3
5 21	14 58.64	−27 31.4	2.422	3.413	4.2	21.4
5 31	14 50.46	−26 19.5	2.447	3.401	6.9	21.5
6 10	14 43.83	−25 7.0	2.499	3.388	9.7	21.7

96400 1998 DK_{15} 5 10.1 102.°26 0.°0/ 9.9 18

4 1	15 40.07	−18 48.2	1.629	2.435	17.1	19.7
4 11	15 35.28	−18 41.5	1.561	2.452	13.5	19.5
4 21	15 27.71	−18 25.8	1.513	2.469	9.2	19.3
5 1	15 18.10	−18 2.1	1.489	2.486	4.5	19.0
5 11	15 7.60	−17 33.2	1.492	2.502	0.5	18.8
5 21	14 57.46	−17 3.3	1.522	2.518	5.3	19.2
5 31	14 48.81	−16 37.1	1.578	2.533	9.7	19.4
6 10	14 42.47	−16 18.7	1.656	2.548	13.6	19.7

33446 Michaelyang 5 10.1 347.°58 3.°2/ 8.6 18

4 1	15 29.68	−14 8.8	1.100	1.958	20.1	18.1
4 11	15 28.49	−13 34.2	1.027	1.950	15.9	17.8
4 21	15 23.88	−12 50.0	0.973	1.943	10.9	17.5
5 1	15 16.54	−12 0.7	0.938	1.937	5.6	17.1
5 11	15 7.75	−11 13.5	0.925	1.932	3.5	17.0
5 21	14 59.08	−10 35.6	0.935	1.929	8.3	17.3
5 31	14 52.07	−10 13.5	0.966	1.926	13.7	17.5
6 10	14 47.85	−10 11.1	1.015	1.925	18.5	17.8

212104 2005 EH_{156} 5 10.1 52.°87 3.°0/11.3 17

4 1	15 39.46	−23 10.0	1.358	2.170	19.6	20.0
4 11	15 35.63	−23 46.5	1.291	2.182	15.7	19.8
4 21	15 28.42	−24 11.1	1.243	2.194	11.2	19.6
5 1	15 18.61	−24 21.8	1.216	2.207	6.4	19.3
5 11	15 7.55	−24 18.6	1.214	2.220	3.0	19.2
5 21	14 56.79	−24 4.4	1.237	2.234	6.0	19.4
5 31	14 47.79	−23 44.5	1.283	2.247	10.6	19.7
6 10	14 41.58	−23 25.5	1.352	2.261	14.8	20.0

247102 2000 SA_{315} 5 10.1 262.°05 2.°4/13.6 17

	h m	° ′			°	m
4 1	15 26.60	−32 13.3	4.600	5.328	7.9	20.0
4 11	15 23.21	−32 7.1	4.493	5.323	6.6	19.9
4 21	15 18.78	−31 52.6	4.408	5.318	5.0	19.8
5 1	15 13.61	−31 29.9	4.350	5.313	3.5	19.7
5 11	15 8.08	−30 59.6	4.320	5.308	2.5	19.6
5 21	15 2.61	−30 22.9	4.320	5.303	2.8	19.6
5 31	14 57.59	−29 42.0	4.348	5.298	4.2	19.7
6 10	14 53.37	−28 59.1	4.404	5.293	5.8	19.8

194743 2001 YD_{21} 5 10.1 76.°85 0.°4/ 9.7 17

4 1	15 30.04	−16 57.3	3.084	3.875	10.1	20.6
4 11	15 26.18	−16 45.8	3.003	3.887	7.9	20.5
4 21	15 20.91	−16 29.8	2.945	3.900	5.3	20.3
5 1	15 14.66	−16 10.6	2.915	3.912	2.6	20.2
5 11	15 7.98	−15 50.0	2.914	3.924	0.6	20.0
5 21	15 1.41	−15 29.9	2.943	3.936	3.3	20.2
5 31	14 55.50	−15 12.6	2.999	3.948	6.0	20.4
6 10	14 50.71	−15 0.1	3.082	3.960	8.4	20.6

30280 2000 HS_{56} 5 10.1 88.°54 2.°3/ 8.7 17

4 1	15 36.04	−13 51.9	1.678	2.496	16.1	19.2
4 11	15 32.02	−13 21.6	1.606	2.506	12.6	19.0
4 21	15 25.46	−12 45.3	1.556	2.517	8.6	18.8
5 1	15 17.02	−12 6.5	1.530	2.527	4.4	18.5
5 11	15 7.74	−11 29.3	1.531	2.537	2.6	18.4
5 21	14 58.72	−10 58.3	1.557	2.547	6.2	18.7
5 31	14 51.01	−10 37.6	1.610	2.556	10.3	18.9
6 10	14 45.39	−10 29.5	1.685	2.566	13.9	19.2

504755 2009 WW_{71} 5 10.1 155.°86 2.°9/ 8.6 17

4 1	15 39.15	− 9 14.4	1.975	2.780	14.5	21.6
4 11	15 34.14	− 9 13.3	1.892	2.783	11.5	21.4
4 21	15 26.79	− 9 12.3	1.831	2.786	7.9	21.2
5 1	15 17.67	− 9 13.5	1.796	2.789	4.4	21.0
5 11	15 7.67	− 9 19.5	1.789	2.791	3.1	20.9
5 21	14 57.80	− 9 32.1	1.809	2.794	6.0	21.1
5 31	14 49.03	− 9 52.9	1.857	2.795	9.6	21.3
6 10	14 42.12	−10 22.7	1.928	2.797	13.0	21.5

377856 2006 BG_{216} 5 10.1 90.°25 2.°6/12.1 17

4 1	15 35.41	−28 28.5	1.910	2.688	15.9	20.5
4 11	15 31.41	−28 0.1	1.831	2.700	12.9	20.3
4 21	15 24.96	−27 14.5	1.772	2.711	9.3	20.1
5 1	15 16.74	−26 12.3	1.738	2.723	5.5	19.9
5 11	15 7.77	−24 56.5	1.730	2.735	2.6	19.8
5 21	14 59.12	−23 32.6	1.750	2.747	4.6	19.9
5 31	14 51.77	−22 7.8	1.797	2.758	8.4	20.2
6 10	14 46.45	−20 49.0	1.869	2.769	11.9	20.4

294752 2008 CS_{13} 5 10.1 188.°16 2.°4/ 8.5 17

4 1	15 37.77	−12 51.2	2.113	2.915	13.8	22.2
4 11	15 32.94	−12 19.4	2.024	2.915	10.9	22.0
4 21	15 25.91	−11 42.8	1.957	2.913	7.4	21.8
5 1	15 17.23	−11 4.1	1.917	2.911	3.9	21.6
5 11	15 7.73	−10 27.0	1.904	2.909	2.6	21.5
5 21	14 58.34	− 9 55.4	1.921	2.905	5.7	21.7
5 31	14 49.96	− 9 32.6	1.964	2.901	9.3	21.9
6 10	14 43.32	− 9 21.2	2.031	2.896	12.6	22.1

5637 Gyas 5 10.1 276.°62 4.°3/15.4 18

4 1	15 31.09	−39 51.6	4.513	5.190	8.7	18.9
4 11	15 26.94	−40 24.7	4.402	5.181	7.6	18.8
4 21	15 21.46	−40 48.5	4.313	5.172	6.3	18.7
5 1	15 14.98	−41 1.6	4.248	5.163	5.2	18.6
5 11	15 7.96	−41 3.4	4.211	5.154	4.4	18.6
5 21	15 0.91	−40 54.5	4.201	5.145	4.5	18.6
5 31	14 54.34	−40 36.1	4.218	5.136	5.3	18.6
6 10	14 48.71	−40 10.6	4.262	5.127	6.5	18.7

374367 2005 US_{295} 5 10.1 171.°42 0.°1/10.2 17

4 1	15 36.42	−19 47.4	2.097	2.890	14.2	22.7
4 11	15 31.99	−19 32.7	2.008	2.893	11.2	22.5
4 21	15 25.30	−19 9.2	1.942	2.895	7.7	22.3
5 1	15 16.94	−18 37.9	1.901	2.897	3.8	22.1
5 11	15 7.77	−18 1.3	1.888	2.898	0.4	21.8
5 21	14 58.73	−17 23.0	1.904	2.899	4.5	22.1
5 31	14 50.74	−16 47.3	1.946	2.900	8.3	22.3
6 10	14 44.54	−16 18.1	2.013	2.900	11.8	22.5

508616 2017 SR_{37} 5 10.1 242.°73 2.°1/11.6 17

4 1	15 35.58	−26 3.5	1.965	2.748	15.3	21.9
4 11	15 31.74	−25 45.9	1.864	2.738	12.5	21.7
4 21	15 25.38	−25 13.4	1.783	2.727	9.0	21.4
5 1	15 17.08	−24 25.9	1.727	2.716	5.1	21.2
5 11	15 7.75	−23 25.3	1.698	2.705	2.1	21.0
5 21	14 58.47	−22 16.2	1.697	2.694	4.7	21.1
5 31	14 50.32	−21 4.9	1.722	2.682	8.7	21.3
6 10	14 44.14	−19 58.0	1.772	2.670	12.5	21.5

410288 2007 TP_{221} 5 10.1 219.°61 2.°1/11.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.25	−23 50.7	1.881	2.665	15.9	22.1
4 11	15 35.59	−24 0.5	1.781	2.656	12.9	21.8
4 21	15 28.15	−23 59.2	1.702	2.647	9.3	21.6
5 1	15 18.49	−23 45.6	1.647	2.637	5.2	21.3
5 11	15 7.60	−23 20.4	1.619	2.626	2.1	21.1
5 21	14 56.68	−22 46.3	1.619	2.615	5.0	21.3
5 31	14 46.94	−22 8.2	1.646	2.603	9.3	21.5
6 10	14 39.35	−21 32.1	1.696	2.590	13.2	21.7

128242 2003 SF_{171} 5 10.1 346.°47 0.°4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.75	−20 15.8	1.825	2.632	15.5	20.0
4 11	15 30.29	−20 3.8	1.738	2.630	12.3	19.7
4 21	15 24.36	−19 41.6	1.673	2.629	8.5	19.5
5 1	15 16.56	−19 10.4	1.632	2.628	4.2	19.2
5 11	15 7.81	−18 32.9	1.617	2.627	0.5	18.9
5 21	14 59.18	−17 53.2	1.629	2.626	4.8	19.3
5 31	14 51.70	−17 16.1	1.667	2.626	9.1	19.5
6 10	14 46.18	−16 46.1	1.729	2.625	12.8	19.7

479854 2014 GV_{27} 5 10.1 208.°03 0.°2/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.40	−18 11.5	2.627	3.414	11.8	21.3
4 11	15 29.98	−18 19.8	2.531	3.413	9.3	21.1
4 21	15 23.74	−18 23.1	2.459	3.411	6.4	20.9
5 1	15 16.15	−18 21.8	2.413	3.408	3.2	20.7
5 11	15 7.86	−18 17.2	2.396	3.406	0.3	20.4
5 21	14 59.60	−18 10.9	2.408	3.404	3.7	20.7
5 31	14 52.12	−18 5.1	2.449	3.401	6.9	20.9
6 10	14 46.03	−18 2.4	2.515	3.398	9.8	21.1

363262 2002 EK_2 5 10.1 68.°31 14.°6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.54	+ 9 15.1	1.339	2.161	19.2	20.5
4 11	15 31.79	+12 17.8	1.314	2.186	16.8	20.4
4 21	15 25.26	+15 2.2	1.310	2.210	15.1	20.3
5 1	15 16.85	+17 14.1	1.328	2.235	14.6	20.4
5 11	15 7.81	+18 43.9	1.367	2.260	15.5	20.5
5 21	14 59.35	+19 28.2	1.427	2.284	17.1	20.7
5 31	14 52.54	+19 29.4	1.504	2.309	19.1	20.9
6 10	14 48.04	+18 54.0	1.597	2.333	20.9	21.1

419748 2010 VD_{85} 5 10.1 43.°58 1.°0/ 9.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.03	−15 34.3	1.290	2.121	19.3	20.4
4 11	15 34.14	−15 38.6	1.239	2.145	15.1	20.2
4 21	15 27.12	−15 36.4	1.207	2.170	10.2	19.9
5 1	15 17.85	−15 29.5	1.197	2.195	4.9	19.7
5 11	15 7.70	−15 21.0	1.212	2.221	1.2	19.5
5 21	14 58.08	−15 14.4	1.252	2.248	6.1	19.9
5 31	14 50.26	−15 13.4	1.315	2.275	10.9	20.3
6 10	14 45.05	−15 20.9	1.401	2.302	14.9	20.6

255668 2006 QC_{36} 5 10.1 230.°67 0.°3/ 9.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.11	−18 53.5	1.927	2.727	15.0	21.6
4 11	15 32.89	−18 32.2	1.828	2.716	11.9	21.4
4 21	15 26.16	−18 1.1	1.750	2.705	8.2	21.1
5 1	15 17.47	−17 21.7	1.697	2.694	4.0	20.9
5 11	15 7.73	−16 36.9	1.671	2.681	0.6	20.6
5 21	14 57.99	−15 50.9	1.674	2.668	5.1	20.9
5 31	14 49.33	−15 8.9	1.703	2.655	9.4	21.1
6 10	14 42.61	−14 35.4	1.755	2.641	13.2	21.3

474951 2005 TD_{18} 5 10.1 272.°64 0.°6/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.44	−16 44.7	2.463	3.260	12.2	21.3
4 11	15 29.47	−16 34.3	2.352	3.240	9.7	21.0
4 21	15 23.56	−16 18.1	2.264	3.220	6.6	20.8
5 1	15 16.14	−15 57.5	2.203	3.199	3.2	20.6
5 11	15 7.87	−15 34.4	2.169	3.178	0.8	20.3
5 21	14 59.54	−15 11.5	2.164	3.157	4.3	20.6
5 31	14 51.94	−14 51.8	2.187	3.136	7.8	20.7
6 10	14 45.77	−14 38.2	2.235	3.115	11.0	20.9

32754 1981 EK_{15} 5 10.1 127.°22 4.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.31	−32 9.0	2.561	3.302	13.2	19.9
4 11	15 31.73	−32 34.8	2.472	3.309	11.0	19.8
4 21	15 25.05	−32 48.1	2.404	3.317	8.5	19.6
5 1	15 16.82	−32 47.1	2.360	3.324	6.0	19.4
5 11	15 7.81	−32 31.6	2.344	3.331	4.4	19.4
5 21	14 58.91	−32 3.3	2.356	3.338	5.0	19.4
5 31	14 50.98	−31 25.8	2.395	3.344	7.2	19.5
6 10	14 44.70	−30 43.8	2.460	3.351	9.7	19.7

245532 2005 SZ_{214} 5 10.1 269.°71 1.°3/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.48	−24 21.0	2.499	3.278	12.6	20.2
4 11	15 28.75	−24 1.6	2.387	3.260	10.1	20.0
4 21	15 23.07	−23 31.1	2.297	3.242	7.2	19.8
5 1	15 15.88	−22 49.8	2.233	3.223	3.9	19.5
5 11	15 7.91	−21 59.6	2.197	3.205	1.3	19.3
5 21	14 59.92	−21 3.8	2.189	3.186	3.8	19.5
5 31	14 52.73	−20 6.7	2.210	3.167	7.3	19.7
6 10	14 47.01	−19 13.1	2.256	3.148	10.5	19.8

380473 2003 WB_{90} 5 10.1 109.°04 0.°2/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.95	−18 24.4	2.279	3.071	13.2	21.7
4 11	15 31.28	−18 12.8	2.203	3.088	10.4	21.5
4 21	15 24.62	−17 54.4	2.150	3.104	7.1	21.3
5 1	15 16.55	−17 30.4	2.123	3.119	3.4	21.1
5 11	15 7.86	−17 3.1	2.125	3.135	0.4	20.9
5 21	14 59.39	−16 35.4	2.155	3.150	4.1	21.2
5 31	14 51.93	−16 10.8	2.213	3.164	7.6	21.5
6 10	14 46.09	−15 52.1	2.296	3.178	10.7	21.7

228568 2001 XR_{207} 5 10.1 116.°23 2.°7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.43	− 6 28.5	3.710	4.505	8.5	21.0
4 11	15 25.38	− 6 3.2	3.636	4.521	6.6	20.9
4 21	15 20.23	− 5 38.5	3.587	4.536	4.7	20.8
5 1	15 14.32	− 5 16.2	3.567	4.551	3.1	20.7
5 11	15 8.09	− 4 58.5	3.576	4.565	2.8	20.7
5 21	15 1.97	− 4 46.8	3.614	4.580	4.3	20.8
5 31	14 56.39	− 4 42.3	3.680	4.594	6.1	20.9
6 10	14 51.70	− 4 45.8	3.772	4.608	7.9	21.1

425142 2009 SR_{266} 5 10.1 178.°14 1.°8/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.20	−17 14.3	2.000	2.806	14.3	21.2
4 11	15 30.27	−16 10.5	1.914	2.807	11.2	20.9
4 21	15 24.13	−14 56.2	1.850	2.808	7.6	20.7
5 1	15 16.38	−13 35.0	1.812	2.809	3.7	20.5
5 11	15 7.88	−12 12.2	1.802	2.809	2.1	20.4
5 21	14 59.56	−10 54.0	1.820	2.808	5.6	20.6
5 31	14 52.31	− 9 46.1	1.866	2.808	9.4	20.8
6 10	14 46.83	− 8 52.9	1.935	2.807	12.8	21.0

179499 2002 CY_{81} 5 10.1 139.°62 2.°5/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.19	−10 48.6	2.653	3.455	11.3	20.8
4 11	15 28.06	−10 16.3	2.571	3.462	8.8	20.6
4 21	15 22.31	− 9 41.7	2.513	3.469	6.1	20.5
5 1	15 15.41	− 9 7.4	2.483	3.475	3.4	20.3
5 11	15 7.98	− 8 36.2	2.481	3.481	2.7	20.3
5 21	15 0.68	− 8 11.1	2.507	3.487	4.9	20.4
5 31	14 54.15	− 7 54.2	2.561	3.492	7.7	20.6
6 10	14 48.91	− 7 47.2	2.640	3.498	10.3	20.8

468517 2005 TV_{28} 5 10.1 259.°27 1.°9/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.54	−26 15.9	2.497	3.270	12.7	20.9
4 11	15 28.78	−25 58.7	2.391	3.258	10.3	20.7
4 21	15 23.06	−25 29.3	2.306	3.247	7.4	20.5
5 1	15 15.88	−24 48.1	2.248	3.235	4.3	20.3
5 11	15 7.94	−23 56.6	2.217	3.223	1.9	20.1
5 21	15 0.04	−22 58.3	2.215	3.211	3.9	20.2
5 31	14 52.98	−21 57.5	2.241	3.199	7.1	20.4
6 10	14 47.43	−20 59.3	2.292	3.186	10.2	20.6

77230 2001 FC_{36} 5 10.1 74.°33 1.°8/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.19	−15 58.7	1.567	2.389	16.9	19.9
4 11	15 31.72	−15 24.9	1.488	2.390	13.3	19.6
4 21	15 25.48	−14 42.0	1.430	2.392	9.1	19.4
5 1	15 17.16	−13 53.3	1.395	2.393	4.5	19.1
5 11	15 7.81	−13 3.6	1.386	2.394	2.1	18.9
5 21	14 58.64	−12 18.4	1.403	2.396	6.3	19.2
5 31	14 50.83	−11 43.0	1.445	2.397	10.8	19.5
6 10	14 45.24	−11 21.4	1.509	2.398	14.8	19.7

387995 2005 QT_{90} 5 10.1 317.°05 7.°0/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.68	− 2 1.0	1.921	2.748	14.1	20.4
4 11	15 26.89	− 0 46.5	1.834	2.731	11.5	20.2
4 21	15 21.97	+ 0 27.2	1.769	2.715	8.9	20.0
5 1	15 15.40	+ 1 33.8	1.728	2.698	7.2	19.9
5 11	15 7.98	+ 2 26.6	1.713	2.683	7.5	19.9
5 21	15 0.58	+ 3 0.5	1.723	2.667	9.7	19.9
5 31	14 54.10	+ 3 12.4	1.756	2.653	12.6	20.1
6 10	14 49.27	+ 3 2.0	1.810	2.638	15.4	20.2

499569 2010 SK_{26} 5 10.1 289.°31 3.°9/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.71	−24 44.1	1.512	2.313	18.4	21.8
4 11	15 35.32	−25 28.8	1.414	2.297	15.1	21.5
4 21	15 28.58	−26 3.2	1.335	2.281	11.2	21.2
5 1	15 18.97	−26 24.3	1.278	2.265	6.8	20.9
5 11	15 7.61	−26 30.2	1.245	2.248	3.9	20.7
5 21	14 55.97	−26 21.9	1.237	2.233	6.4	20.8
5 31	14 45.67	−26 3.5	1.255	2.217	11.0	21.0
6 10	14 38.01	−25 42.0	1.293	2.201	15.5	21.2

93905 2000 WX_{151} 5 10.1 243.°37 2.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.66	−13 56.1	2.142	2.951	13.4	20.3
4 11	15 29.81	−12 54.0	2.043	2.937	10.6	20.1
4 21	15 23.85	−11 43.7	1.966	2.924	7.3	19.8
5 1	15 16.29	−10 28.9	1.915	2.910	3.9	19.6
5 11	15 7.90	− 9 14.7	1.893	2.895	3.0	19.5
5 21	14 59.55	− 8 6.7	1.898	2.880	6.1	19.7
5 31	14 52.10	− 7 9.8	1.931	2.864	9.7	19.8
6 10	14 46.28	− 6 27.8	1.988	2.849	13.0	20.0

127191 2002 GT_{174} 5 10.1 340.°61 2.°9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.34	−12 28.0	1.387	2.230	17.6	19.2
4 11	15 28.40	−12 10.6	1.302	2.216	13.9	18.9
4 21	15 23.55	−11 48.4	1.237	2.203	9.6	18.6
5 1	15 16.36	−11 24.8	1.194	2.192	5.0	18.3
5 11	15 7.89	−11 4.3	1.175	2.181	3.2	18.2
5 21	14 59.42	−10 51.6	1.180	2.172	7.2	18.4
5 31	14 52.24	−10 50.8	1.208	2.164	12.0	18.6
6 10	14 47.39	−11 4.4	1.256	2.157	16.4	18.8

152252 2005 SQ_{101} 5 10.1 130.°44 3.°5/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.04	−27 44.9	2.003	2.773	15.5	21.1
4 11	15 34.33	−28 4.5	1.920	2.782	12.7	20.9
4 21	15 27.07	−28 11.3	1.858	2.791	9.4	20.7
5 1	15 17.88	−28 3.4	1.819	2.800	5.9	20.5
5 11	15 7.76	−27 41.5	1.808	2.808	3.5	20.4
5 21	14 57.81	−27 8.0	1.824	2.816	5.0	20.5
5 31	14 49.11	−26 27.8	1.867	2.824	8.4	20.7
6 10	14 42.46	−25 46.5	1.934	2.831	11.7	20.9

21752 Johnthurmon 5 10.1 122.°30 0.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.82	−19 2.7	1.736	2.537	16.4	18.6
4 11	15 35.08	−19 5.1	1.660	2.548	13.0	18.4
4 21	15 27.63	−18 59.0	1.604	2.559	8.9	18.2
5 1	15 18.16	−18 45.2	1.573	2.569	4.4	17.9
5 11	15 7.74	−18 25.6	1.569	2.579	0.5	17.6
5 21	14 57.55	−18 3.6	1.592	2.588	5.0	18.0
5 31	14 48.72	−17 43.3	1.642	2.598	9.4	18.3
6 10	14 42.09	−17 29.0	1.714	2.606	13.2	18.5

423886 2006 RR_{102} 5 10.1 281.°62 1.°4/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.96	−16 13.6	1.646	2.463	16.4	21.4
4 11	15 32.61	−15 53.0	1.540	2.439	13.1	21.1
4 21	15 26.40	−15 23.6	1.454	2.414	9.1	20.8
5 1	15 17.79	−14 47.3	1.391	2.389	4.5	20.5
5 11	15 7.76	−14 7.5	1.354	2.363	1.7	20.2
5 21	14 57.51	−13 29.2	1.344	2.337	6.3	20.5
5 31	14 48.35	−12 57.7	1.359	2.312	11.2	20.7
6 10	14 41.37	−12 38.0	1.395	2.285	15.7	20.9

87922 2000 SM_{318} 5 10.1 236.°78 0.°8/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.40	−15 6.7	2.570	3.362	11.9	20.1
4 11	15 30.85	−15 9.6	2.468	3.353	9.4	19.9
4 21	15 24.41	−15 9.0	2.390	3.344	6.4	19.7
5 1	15 16.54	−15 5.9	2.338	3.334	3.1	19.5
5 11	15 7.91	−15 1.7	2.315	3.324	0.9	19.3
5 21	14 59.28	−14 58.3	2.322	3.314	4.1	19.5
5 31	14 51.39	−14 57.8	2.357	3.304	7.4	19.7
6 10	14 44.90	−15 2.2	2.417	3.293	10.4	19.9

170279 2003 QE_{99} 5 10.1 326.°70 1.°0/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.86	−18 25.3	1.226	2.062	19.8	19.8
4 11	15 32.68	−18 54.4	1.140	2.048	15.9	19.5
4 21	15 26.96	−19 16.4	1.071	2.034	11.2	19.2
5 1	15 18.24	−19 30.7	1.024	2.021	5.7	18.8
5 11	15 7.72	−19 37.9	0.999	2.009	1.0	18.5
5 21	14 57.02	−19 40.2	0.998	1.998	6.5	18.8
5 31	14 47.86	−19 41.9	1.020	1.987	12.2	19.1
6 10	14 41.59	−19 48.1	1.061	1.978	17.3	19.3

90063 2002 VW_{64} 5 10.1 74.°38 1.°6/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.45	−25 4.8	2.147	2.927	14.3	19.3
4 11	15 31.02	−24 45.9	2.079	2.953	11.4	19.1
4 21	15 24.48	−24 14.9	2.034	2.978	8.0	19.0
5 1	15 16.49	−23 32.6	2.013	3.003	4.4	18.8
5 11	15 7.94	−22 41.7	2.020	3.028	1.6	18.6
5 21	14 59.73	−21 46.3	2.056	3.053	4.0	18.9
5 31	14 52.67	−20 51.3	2.119	3.077	7.5	19.1
6 10	14 47.38	−20 1.5	2.207	3.101	10.6	19.3

307107 2002 CN_{31} 5 10.1 12.°48 8.°3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.82	+ 2 18.7	1.688	2.513	15.7	19.5
4 11	15 28.64	+ 3 3.1	1.626	2.518	13.0	19.3
4 21	15 23.13	+ 3 39.2	1.586	2.524	10.3	19.2
5 1	15 15.93	+ 4 0.7	1.568	2.531	8.5	19.1
5 11	15 7.99	+ 4 2.6	1.574	2.539	8.5	19.1
5 21	15 0.29	+ 3 42.7	1.604	2.548	10.4	19.2
5 31	14 53.77	+ 3 0.8	1.658	2.557	13.0	19.4
6 10	14 49.12	+ 1 59.7	1.731	2.568	15.7	19.6

292766 2006 UX_{193} 5 10.1 200.°44 0.°4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.75	−18 16.2	2.479	3.274	12.2	21.3
4 11	15 28.78	−17 54.3	2.386	3.272	9.6	21.1
4 21	15 22.98	−17 25.3	2.316	3.270	6.6	20.9
5 1	15 15.82	−16 50.6	2.272	3.268	3.2	20.7
5 11	15 8.00	−16 13.0	2.256	3.266	0.6	20.4
5 21	15 0.26	−15 35.4	2.269	3.263	4.0	20.7
5 31	14 53.35	−15 1.5	2.310	3.260	7.4	20.9
6 10	14 47.87	−14 34.1	2.376	3.257	10.4	21.1

89692 2001 YP_{70} 5 10.1 236.°86 0.°9/10.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.88	−21 17.3	1.722	2.521	16.6	20.6
4 11	15 34.75	−21 13.0	1.623	2.509	13.3	20.3
4 21	15 27.73	−20 57.6	1.545	2.497	9.4	20.1
5 1	15 18.38	−20 30.9	1.490	2.485	4.8	19.8
5 11	15 7.75	−19 54.9	1.462	2.471	0.9	19.4
5 21	14 57.05	−19 13.5	1.461	2.458	5.3	19.7
5 31	14 47.58	−18 32.3	1.486	2.443	10.0	19.9
6 10	14 40.36	−17 57.0	1.533	2.429	14.3	20.2

286114 2001 TV_{119} 5 10.1 195.°43 2.°1/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.63	−31 8.7	4.648	5.380	7.8	20.2
4 11	15 23.22	−30 55.2	4.544	5.380	6.4	20.1
4 21	15 18.80	−30 33.7	4.463	5.379	4.8	20.0
5 1	15 13.68	−30 4.3	4.410	5.379	3.2	19.9
5 11	15 8.23	−29 27.9	4.385	5.378	2.2	19.8
5 21	15 2.85	−28 46.0	4.390	5.377	2.6	19.8
5 31	14 57.93	−28 0.7	4.424	5.376	4.1	20.0
6 10	14 53.80	−27 14.2	4.486	5.376	5.7	20.1

160966 2002 BO_7 5 10.1 28.°38 9.°0/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.08	+ 1 18.9	1.525	2.356	16.8	19.2
4 11	15 29.85	+ 2 30.0	1.467	2.362	13.9	19.0
4 21	15 24.07	+ 3 34.1	1.429	2.370	11.0	18.8
5 1	15 16.42	+ 4 23.2	1.414	2.378	9.2	18.7
5 11	15 7.96	+ 4 50.6	1.422	2.386	9.4	18.8
5 21	14 59.80	+ 4 52.6	1.454	2.395	11.5	18.9
5 31	14 52.96	+ 4 28.5	1.508	2.404	14.3	19.1
6 10	14 48.19	+ 3 40.9	1.581	2.414	17.1	19.3

255369 2005 WO_{110} 5 10.1 242.°61 0.°7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.67	−16 37.8	2.892	3.682	10.8	21.7
4 11	15 28.51	−16 20.6	2.783	3.667	8.5	21.5
4 21	15 22.72	−15 58.2	2.698	3.652	5.8	21.3
5 1	15 15.70	−15 31.8	2.640	3.636	2.8	21.1
5 11	15 8.03	−15 3.5	2.611	3.620	0.8	20.9
5 21	15 0.35	−14 35.7	2.611	3.603	3.8	21.1
5 31	14 53.30	−14 11.1	2.640	3.586	6.8	21.3
6 10	14 47.47	−13 52.3	2.695	3.569	9.6	21.4

16649 1993 TY_1 5 10.1 254.°97 3.°1/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.95	−24 32.4	1.688	2.479	17.2	18.5
4 11	15 35.87	−25 0.8	1.587	2.465	14.1	18.3
4 21	15 28.70	−25 18.3	1.506	2.450	10.3	18.0
5 1	15 18.96	−25 22.7	1.448	2.435	6.1	17.7
5 11	15 7.69	−25 13.3	1.415	2.420	3.1	17.5
5 21	14 56.24	−24 52.0	1.409	2.404	5.7	17.6
5 31	14 46.03	−24 23.4	1.429	2.388	10.1	17.8
6 10	14 38.22	−23 54.0	1.471	2.372	14.4	18.0

460408 2014 SU_{117} 5 10.1 92.°69 3.°4/ 8.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.83	−12 59.0	1.594	2.415	16.7	22.0
4 11	15 32.67	−12 2.4	1.531	2.432	13.0	21.8
4 21	15 25.90	−10 59.4	1.488	2.449	8.9	21.6
5 1	15 17.27	− 9 54.8	1.470	2.465	4.8	21.4
5 11	15 7.89	− 8 54.9	1.479	2.481	3.7	21.4
5 21	14 58.88	− 8 5.3	1.514	2.497	7.0	21.6
5 31	14 51.29	− 7 30.6	1.574	2.513	11.0	21.9
6 10	14 45.85	− 7 13.0	1.656	2.528	14.6	22.1

344234 2001 SJ_{120} 5 10.1 163.°69 3.°3/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.91	−10 8.9	2.449	3.257	11.9	21.0
4 11	15 28.01	− 9 10.5	2.366	3.260	9.4	20.9
4 21	15 22.38	− 8 8.7	2.307	3.263	6.5	20.7
5 1	15 15.51	− 7 7.2	2.275	3.265	4.0	20.5
5 11	15 8.06	− 6 10.4	2.272	3.267	3.6	20.5
5 21	15 0.75	− 5 22.2	2.297	3.269	5.9	20.6
5 31	14 54.26	− 4 45.9	2.348	3.271	8.7	20.8
6 10	14 49.15	− 4 23.2	2.424	3.272	11.4	21.0

460310 2014 QU_{380} 5 10.1 324.°06 3.°6/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.24	−15 21.1	1.187	2.038	19.4	20.8
4 11	15 28.80	−14 16.5	1.107	2.025	15.4	20.5
4 21	15 24.08	−12 57.2	1.044	2.013	10.6	20.2
5 1	15 16.71	−11 28.9	1.003	2.002	5.6	19.9
5 11	15 7.93	−10 0.4	0.986	1.991	4.0	19.7
5 21	14 59.20	− 8 41.8	0.991	1.981	8.7	20.0
5 31	14 52.01	− 7 42.2	1.018	1.971	14.0	20.2
6 10	14 47.48	− 7 7.0	1.064	1.963	18.8	20.5

384443 2010 AQ_{25} 5 10.1 85.°11 5.°0/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.31	−32 12.2	1.968	2.726	16.2	20.7
4 11	15 33.15	−32 35.5	1.887	2.736	13.5	20.5
4 21	15 26.36	−32 42.8	1.826	2.746	10.4	20.4
5 1	15 17.59	−32 31.6	1.787	2.755	7.2	20.2
5 11	15 7.87	−32 2.0	1.775	2.765	5.1	20.1
5 21	14 58.35	−31 16.8	1.789	2.775	5.9	20.1
5 31	14 50.14	−30 21.4	1.829	2.784	8.6	20.3
6 10	14 44.06	−29 22.7	1.893	2.794	11.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
35197 Longmire			5 10.1	349.°04	9.°8/ 4.5	18
	h m	° ′			°	m
4 1	15 28.97	+ 0 21.3	1.326	2.175	17.9	17.9
4 11	15 27.21	+ 1 40.8	1.258	2.165	14.8	17.7
4 21	15 22.62	+ 2 55.2	1.209	2.157	11.8	17.5
5 1	15 15.87	+ 3 55.2	1.182	2.151	10.0	17.4
5 11	15 8.04	+ 4 31.7	1.177	2.145	10.3	17.4
5 21	15 0.34	+ 4 39.3	1.193	2.141	12.8	17.5
5 31	14 53.98	+ 4 16.2	1.230	2.138	16.0	17.7
6 10	14 49.87	+ 3 24.6	1.285	2.136	19.2	17.9
385543 2004 RU_{198}			5 10.1	211.°96	5.°9/14.2	18
4 1	15 42.03	−36 16.6	2.637	3.346	13.6	22.4
4 11	15 36.54	−37 2.1	2.529	3.338	11.7	22.2
4 21	15 28.61	−37 34.7	2.441	3.329	9.5	22.1
5 1	15 18.74	−37 50.7	2.378	3.319	7.3	21.9
5 11	15 7.76	−37 48.4	2.342	3.309	6.0	21.8
5 21	14 56.69	−37 28.0	2.333	3.298	6.3	21.8
5 31	14 46.56	−36 52.7	2.352	3.286	8.1	21.9
6 10	14 38.25	−36 7.6	2.397	3.274	10.5	22.0
338651 2003 SD_{330}			5 10.1	249.°14	0.°2/10.2	17
4 1	15 34.47	−19 58.0	2.084	2.882	14.1	22.0
4 11	15 30.63	−19 42.8	1.987	2.873	11.2	21.8
4 21	15 24.54	−19 18.4	1.911	2.865	7.8	21.5
5 1	15 16.71	−18 45.7	1.860	2.856	3.8	21.3
5 11	15 7.97	−18 7.4	1.837	2.847	0.4	21.0
5 21	14 59.26	−17 26.9	1.841	2.837	4.5	21.3
5 31	14 51.53	−16 48.6	1.873	2.828	8.5	21.5
6 10	14 45.55	−16 16.9	1.928	2.818	12.0	21.7
330383 2006 XF_{15}			5 10.1	81.°48	1.°8/ 9.1	18
4 1	15 37.54	−14 43.4	1.674	2.489	16.3	20.8
4 11	15 33.18	−14 22.8	1.608	2.506	12.7	20.6
4 21	15 26.26	−13 56.2	1.563	2.523	8.6	20.4
5 1	15 17.48	−13 26.3	1.543	2.540	4.3	20.1
5 11	15 7.91	−12 57.0	1.549	2.556	2.0	20.0
5 21	14 58.67	−12 32.1	1.582	2.573	5.8	20.3
5 31	14 50.80	−12 15.5	1.640	2.590	9.9	20.6
6 10	14 45.06	−12 9.7	1.721	2.606	13.5	20.8
520096 2013 YW_{153}			5 10.1	195.°53	2.°1/ 8.5	17
4 1	15 34.23	−13 10.5	2.291	3.095	12.8	22.0
4 11	15 30.05	−12 39.5	2.201	3.093	10.0	21.8
4 21	15 23.92	−12 3.9	2.134	3.091	6.9	21.6
5 1	15 16.33	−11 26.4	2.094	3.089	3.6	21.4
5 11	15 8.03	−10 50.2	2.081	3.086	2.3	21.3
5 21	14 59.82	−10 18.8	2.097	3.083	5.2	21.5
5 31	14 52.50	− 9 55.5	2.140	3.080	8.5	21.7
6 10	14 46.70	− 9 42.5	2.208	3.076	11.6	21.9
428766 2008 SE_{155}			5 10.1	270.°81	4.°3/12.1	17
4 1	15 39.93	−26 59.1	1.964	2.736	15.7	20.8
4 11	15 35.52	−27 50.0	1.860	2.723	13.0	20.6
4 21	15 28.29	−28 31.7	1.777	2.709	9.8	20.4
5 1	15 18.73	−29 0.8	1.717	2.696	6.4	20.1
5 11	15 7.78	−29 15.5	1.684	2.682	4.3	20.0
5 21	14 56.61	−29 16.1	1.679	2.668	5.8	20.0
5 31	14 46.51	−29 5.4	1.699	2.654	9.2	20.2
6 10	14 38.51	−28 48.9	1.744	2.640	12.8	20.4
980 Anacostia			5 10.1	255.°60	6.°4/15.1	18
4 1	15 37.86	−38 12.0	2.308	3.025	15.1	13.0
4 11	15 33.63	−38 30.9	2.195	3.008	13.1	12.8
4 21	15 26.80	−38 32.2	2.102	2.991	10.7	12.6
5 1	15 17.90	−38 12.4	2.031	2.974	8.3	12.4
5 11	15 7.88	−37 30.0	1.985	2.956	6.6	12.3
5 21	14 57.83	−36 26.7	1.967	2.938	6.8	12.2
5 31	14 48.89	−35 7.4	1.975	2.919	8.8	12.3
6 10	14 41.96	−33 39.6	2.008	2.900	11.5	12.5
306919 2001 UU_{17}			5 10.1	71.°70	10.°3/ 1.9	18
4 1	15 39.18	+ 4 31.0	1.769	2.573	16.0	20.2
4 11	15 33.77	+ 7 2.1	1.745	2.616	13.3	20.1
4 21	15 26.20	+ 9 21.7	1.745	2.658	11.2	20.0
5 1	15 17.27	+11 19.7	1.771	2.700	10.3	20.1
5 11	15 7.98	+12 48.6	1.823	2.741	10.8	20.2
5 21	14 59.28	+13 45.2	1.900	2.781	12.4	20.4
5 31	14 52.00	+14 9.7	1.998	2.820	14.4	20.6
6 10	14 46.66	+14 5.9	2.116	2.859	16.2	20.8
346413 2008 SK_{166}			5 10.1	251.°24	2.°0/11.2	18
4 1	15 38.07	−22 35.2	2.069	2.854	14.6	21.2
4 11	15 33.67	−22 58.8	1.967	2.843	11.8	21.0
4 21	15 26.77	−23 14.2	1.887	2.832	8.4	20.7
5 1	15 17.89	−23 20.3	1.831	2.821	4.7	20.5
5 11	15 7.89	−23 17.4	1.803	2.810	2.0	20.3
5 21	14 57.80	−23 7.1	1.802	2.798	4.6	20.4
5 31	14 48.71	−22 52.5	1.829	2.786	8.5	20.6
6 10	14 41.50	−22 38.1	1.880	2.774	12.1	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
393888 2005 TJ_{100}			5 10.1	205.°68	3.°1/12.5	17
	h m	° ′			°	m
4 1	15 35.15	−28 17.0	2.702	3.458	12.3	22.0
4 11	15 30.74	−28 35.9	2.602	3.455	10.1	21.8
4 21	15 24.40	−28 44.9	2.524	3.452	7.5	21.6
5 1	15 16.59	−28 42.6	2.472	3.449	4.9	21.5
5 11	15 8.02	−28 29.4	2.447	3.445	3.1	21.3
5 21	14 59.48	−28 6.7	2.452	3.441	4.2	21.4
5 31	14 51.75	−27 37.7	2.484	3.437	6.8	21.6
6 10	14 45.48	−27 6.2	2.542	3.433	9.4	21.7
384238 2009 DY_{66}			5 10.1	80.°65	0.°7/10.6	17
4 1	15 34.70	−21 17.0	2.143	2.936	13.9	21.2
4 11	15 30.52	−21 4.4	2.069	2.952	11.0	21.0
4 21	15 24.24	−20 42.6	2.016	2.968	7.6	20.8
5 1	15 16.47	−20 12.4	1.990	2.984	3.8	20.6
5 11	15 8.05	−19 36.5	1.990	3.000	0.7	20.4
5 21	14 59.87	−18 58.2	2.019	3.016	4.1	20.7
5 31	14 52.76	−18 21.6	2.075	3.031	7.7	20.9
6 10	14 47.36	−17 50.6	2.156	3.047	10.9	21.2
187474 2006 BM_{116}			5 10.1	227.°98	0.°7/ 9.2	18
4 1	15 25.40	−15 17.5	4.554	5.343	7.1	21.0
4 11	15 22.22	−14 58.7	4.455	5.340	5.5	20.8
4 21	15 18.13	−14 37.1	4.382	5.337	3.7	20.7
5 1	15 13.40	−14 13.9	4.337	5.333	1.8	20.5
5 11	15 8.35	−13 50.4	4.322	5.330	0.8	20.4
5 21	15 3.34	−13 28.1	4.337	5.327	2.5	20.6
5 31	14 58.72	−13 8.4	4.381	5.323	4.4	20.7
6 10	14 54.78	−12 52.8	4.451	5.320	6.2	20.9
156443 2002 AR_{160}			5 10.1	111.°65	0.°4/10.4	18
4 1	15 36.50	−20 59.1	1.999	2.793	14.8	20.6
4 11	15 32.09	−20 39.9	1.922	2.806	11.7	20.4
4 21	15 25.41	−20 10.6	1.867	2.819	8.0	20.2
5 1	15 17.07	−19 32.4	1.837	2.832	4.0	19.9
5 11	15 8.01	−18 48.2	1.835	2.845	0.5	19.7
5 21	14 59.19	−18 2.2	1.860	2.857	4.4	20.0
5 31	14 51.54	−17 18.9	1.913	2.868	8.3	20.3
6 10	14 45.75	−16 42.8	1.990	2.880	11.7	20.5
414256 2008 GJ_{77}			5 10.1	213.°35	1.°7/ 7.8	18
4 1	15 25.75	− 9 8.6	4.562	5.358	7.0	21.3
4 11	15 22.47	− 8 51.6	4.469	5.356	5.5	21.1
4 21	15 18.28	− 8 34.1	4.402	5.355	3.8	21.0
5 1	15 13.47	− 8 17.4	4.363	5.353	2.2	20.9
5 11	15 8.35	− 8 3.2	4.354	5.352	1.9	20.9
5 21	15 3.28	− 7 52.5	4.374	5.350	3.2	21.0
5 31	14 58.58	− 7 46.6	4.423	5.349	4.9	21.1
6 10	14 54.56	− 7 46.3	4.498	5.347	6.5	21.2
371196 2005 YL_{154}			5 10.1	135.°78	3.°1/12.4	17
4 1	15 38.58	−28 23.6	2.290	3.049	14.1	21.7
4 11	15 33.62	−28 31.0	2.206	3.062	11.5	21.6
4 21	15 26.41	−28 25.8	2.143	3.074	8.5	21.4
5 1	15 17.56	−28 6.9	2.106	3.085	5.3	21.2
5 11	15 7.96	−27 35.4	2.096	3.096	3.2	21.1
5 21	14 58.55	−26 53.8	2.114	3.106	4.5	21.2
5 31	14 50.26	−26 6.7	2.160	3.116	7.5	21.4
6 10	14 43.77	−25 19.4	2.232	3.125	10.5	21.6
420715 2012 ML_{7}			5 10.1	359.°99	3.°4/14.7	18
4 1	15 27.87	−35 43.9	4.174	4.885	8.9	20.4
4 11	15 24.42	−35 46.3	4.072	4.885	7.5	20.3
4 21	15 19.76	−35 38.9	3.992	4.885	6.0	20.2
5 1	15 14.23	−35 21.2	3.937	4.885	4.5	20.1
5 11	15 8.29	−34 53.5	3.910	4.885	3.5	20.0
5 21	15 2.41	−34 17.1	3.912	4.885	3.6	20.1
5 31	14 57.08	−33 34.3	3.942	4.885	4.8	20.1
6 10	14 52.68	−32 47.9	3.998	4.886	6.4	20.2
225894 2001 YV_{145}			5 10.1	327.°93	5.°7/ 9.2	18
4 1	15 41.53	− 2 26.6	1.317	2.145	19.2	18.8
4 11	15 37.78	− 2 58.2	1.221	2.121	15.7	18.5
4 21	15 30.48	− 3 42.5	1.143	2.098	11.6	18.2
5 1	15 20.08	− 4 43.9	1.088	2.076	7.4	17.9
5 11	15 7.72	− 6 4.8	1.057	2.056	5.8	17.7
5 21	14 54.93	− 7 44.4	1.051	2.036	9.1	17.9
5 31	14 43.46	− 9 39.4	1.069	2.018	14.0	18.1
6 10	14 34.72	−11 45.2	1.109	2.001	18.8	18.3
219415 2000 SH_{296}			5 10.1	246.°23	2.°9/ 7.9	18
4 1	15 32.86	−14 42.6	1.846	2.664	14.9	20.4
4 11	15 29.47	−13 31.6	1.761	2.661	11.7	20.2
4 21	15 23.77	−12 11.0	1.698	2.658	8.0	19.9
5 1	15 16.35	−10 45.3	1.660	2.655	4.3	19.7
5 11	15 8.11	− 9 21.0	1.649	2.652	3.3	19.6
5 21	15 0.01	− 8 4.5	1.666	2.649	6.6	19.8
5 31	14 53.01	− 7 1.9	1.709	2.646	10.4	20.0
6 10	14 47.85	− 6 16.9	1.774	2.643	13.9	20.3

407661 2011 SV_{166} 5 10.1 161.°09 5.°7/13.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.76	−31 2.2	1.556	2.331	19.0	22.1
4 11	15 36.74	−31 35.8	1.473	2.334	15.9	21.8
4 21	15 29.36	−31 51.9	1.408	2.336	12.2	21.6
5 1	15 19.29	−31 46.4	1.364	2.338	8.4	21.4
5 11	15 7.82	−31 18.3	1.345	2.339	5.8	21.2
5 21	14 56.47	−30 30.5	1.352	2.341	6.9	21.3
5 31	14 46.77	−29 29.8	1.383	2.342	10.5	21.5
6 10	14 39.82	−28 25.6	1.437	2.343	14.4	21.7

446572 2014 OJ_{130} 5 10.1 156.°86 2.°7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 28.30	− 7 12.9	3.709	4.507	8.4	21.7
4 11	15 24.62	− 6 38.5	3.625	4.512	6.6	21.6
4 21	15 19.82	− 6 3.9	3.566	4.516	4.7	21.4
5 1	15 14.25	− 5 31.3	3.535	4.520	3.1	21.3
5 11	15 8.32	− 5 2.9	3.534	4.524	2.8	21.3
5 21	15 2.47	− 4 40.6	3.561	4.528	4.3	21.4
5 31	14 57.12	− 4 25.9	3.617	4.531	6.2	21.6
6 10	14 52.64	− 4 19.7	3.698	4.534	8.1	21.7

156278 2001 VN_{105} 5 10.1 181.°23 1.°2/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.06	−22 21.1	2.296	3.075	13.5	21.5
4 11	15 33.20	−22 20.2	2.202	3.076	10.8	21.3
4 21	15 26.17	−22 10.1	2.131	3.076	7.6	21.1
5 1	15 17.50	−21 51.0	2.085	3.076	4.0	20.9
5 11	15 8.00	−21 24.2	2.067	3.076	1.2	20.7
5 21	14 58.59	−20 52.4	2.079	3.075	4.1	20.9
5 31	14 50.16	−20 19.6	2.118	3.073	7.7	21.1
6 10	14 43.44	−19 49.7	2.183	3.070	10.9	21.3

153083 2000 RH_{28} 5 10.1 227.°94 2.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.22	− 8 16.2	4.817	5.615	6.6	19.8
4 11	15 21.25	− 7 36.2	4.723	5.611	5.2	19.6
4 21	15 17.45	− 6 55.3	4.655	5.607	3.6	19.5
5 1	15 13.08	− 6 15.3	4.616	5.602	2.3	19.4
5 11	15 8.43	− 5 38.1	4.607	5.598	2.2	19.4
5 21	15 3.83	− 5 5.4	4.628	5.594	3.4	19.5
5 31	14 59.57	− 4 38.5	4.676	5.590	4.9	19.6
6 10	14 55.94	− 4 18.6	4.751	5.585	6.4	19.7

178734 2000 TB_2 5 10.1 184.°81 0.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 32.30	−19 34.3	3.036	3.818	10.5	20.9
4 11	15 28.07	−19 4.1	2.939	3.818	8.3	20.7
4 21	15 22.34	−18 26.9	2.866	3.817	5.6	20.5
5 1	15 15.53	−17 44.0	2.821	3.816	2.7	20.3
5 11	15 8.20	−16 57.9	2.805	3.815	0.3	20.1
5 21	15 0.96	−16 11.2	2.819	3.813	3.4	20.4
5 31	14 54.40	−15 27.2	2.862	3.811	6.2	20.6
6 10	14 49.02	−14 48.8	2.932	3.808	8.8	20.7

313068 2000 SE_{164} 5 10.1 148.°41 8.°2/13.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 51.26	−35 44.5	1.944	2.663	17.6	21.6
4 11	15 44.84	−37 20.4	1.859	2.672	15.1	21.4
4 21	15 34.92	−38 42.7	1.794	2.681	12.3	21.2
5 1	15 22.08	−39 44.0	1.752	2.689	9.7	21.1
5 11	15 7.55	−40 19.3	1.736	2.697	8.2	21.0
5 21	14 52.91	−40 27.3	1.747	2.704	8.7	21.1
5 31	14 39.79	−40 11.5	1.784	2.710	10.8	21.2
6 10	14 29.44	−39 40.0	1.845	2.715	13.4	21.4

251983 2000 CR_{100} 5 10.1 27.°68 1.°7/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.68	−22 11.9	1.343	2.166	19.1	20.8
4 11	15 31.92	−22 18.4	1.274	2.173	15.3	20.6
4 21	15 25.96	−22 11.5	1.223	2.181	10.7	20.3
5 1	15 17.57	−21 51.3	1.194	2.189	5.7	20.0
5 11	15 8.00	−21 20.4	1.189	2.198	1.7	19.8
5 21	14 58.70	−20 43.3	1.209	2.208	5.7	20.1
5 31	14 51.04	−20 6.5	1.252	2.219	10.6	20.4
6 10	14 45.97	−19 36.2	1.317	2.230	14.9	20.7

331589 2001 TN_{103} 5 10.1 243.°88 1.°5/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.79	−23 53.6	1.283	2.102	20.1	20.5
4 11	15 33.82	−22 3.2	1.195	2.095	16.0	20.2
4 21	15 27.41	−19 42.8	1.126	2.087	11.0	19.8
5 1	15 18.33	−16 56.9	1.080	2.078	5.3	19.5
5 11	15 7.93	−13 56.9	1.061	2.070	2.0	19.2
5 21	14 57.78	−10 59.0	1.069	2.061	7.7	19.6
5 31	14 49.35	− 8 19.7	1.102	2.052	13.5	19.9
6 10	14 43.71	− 6 10.7	1.156	2.043	18.5	20.1

1172 Äneas 5 10.1 302.°45 1.°2/11.8 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.13	−25 46.9	4.232	4.993	8.1	15.5
4 11	15 22.95	−25 27.9	4.125	4.986	6.5	15.4
4 21	15 18.72	−25 1.9	4.041	4.978	4.6	15.2
5 1	15 13.73	−24 29.3	3.985	4.971	2.7	15.1
5 11	15 8.38	−23 51.4	3.958	4.964	1.2	15.0
5 21	15 3.08	−23 10.0	3.961	4.956	2.4	15.1
5 31	14 58.23	−22 27.3	3.993	4.949	4.4	15.2
6 10	14 54.19	−21 45.6	4.053	4.942	6.3	15.3

497299 2005 SF_{233} 5 10.1 224.°38 0.°8/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.94	−17 50.1	2.132	2.929	13.8	22.8
4 11	15 31.72	−17 21.7	2.032	2.920	10.9	22.6
4 21	15 25.26	−16 44.7	1.955	2.911	7.5	22.3
5 1	15 17.11	−16 0.9	1.904	2.900	3.6	22.1
5 11	15 8.06	−15 13.5	1.880	2.890	1.0	21.8
5 21	14 59.04	−14 26.6	1.885	2.878	4.8	22.1
5 31	14 50.98	−13 44.7	1.918	2.867	8.7	22.3
6 10	14 44.63	−13 11.7	1.974	2.854	12.2	22.5

346453 2008 TJ_{47} 5 10.1 249.°62 0.°5/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.47	−18 3.1	2.155	2.944	14.0	21.3
4 11	15 34.63	−18 25.4	2.049	2.931	11.2	21.1
4 21	15 27.39	−18 43.0	1.966	2.917	7.8	20.8
5 1	15 18.22	−18 55.7	1.908	2.903	3.9	20.6
5 11	15 7.94	−19 4.0	1.879	2.889	0.5	20.3
5 21	14 57.55	−19 9.1	1.878	2.874	4.5	20.6
5 31	14 48.06	−19 13.5	1.905	2.859	8.5	20.8
6 10	14 40.34	−19 20.0	1.958	2.844	12.1	21.0

311220 2005 AE_{26} 5 10.1 169.°16 0.°3/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.72	−18 50.9	2.067	2.857	14.5	22.6
4 11	15 34.61	−18 29.5	1.980	2.863	11.4	22.4
4 21	15 27.17	−17 59.2	1.915	2.867	7.8	22.2
5 1	15 17.99	−17 21.6	1.876	2.871	3.8	21.9
5 11	15 7.98	−16 39.5	1.865	2.874	0.6	21.7
5 21	14 58.13	−15 56.8	1.882	2.876	4.7	22.0
5 31	14 49.40	−15 18.0	1.928	2.878	8.6	22.2
6 10	14 42.55	−14 47.2	1.998	2.878	12.1	22.4

88259 2001 HJ_7 5 10.1 61.°92 0.°9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.82	−27 20.7	1.032	1.862	23.2	17.7
4 11	15 33.51	−25 8.5	0.964	1.868	18.5	17.4
4 21	15 27.29	−22 18.1	0.913	1.876	12.7	17.1
5 1	15 18.21	−18 56.1	0.885	1.883	6.0	16.8
5 11	15 7.97	−15 19.0	0.881	1.890	1.5	16.5
5 21	14 58.37	−11 48.9	0.903	1.898	8.1	16.9
5 31	14 50.96	− 8 46.2	0.949	1.906	14.3	17.3
6 10	14 46.69	− 6 23.4	1.015	1.914	19.5	17.6

312542 2009 FC_1 5 10.1 120.°28 5.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.30	− 6 47.6	1.711	2.528	15.9	20.9
4 11	15 33.65	− 5 48.2	1.647	2.543	12.6	20.8
4 21	15 26.54	− 4 48.1	1.604	2.557	9.0	20.6
5 1	15 17.66	− 3 53.1	1.586	2.571	6.0	20.4
5 11	15 8.03	− 3 8.9	1.595	2.584	5.7	20.4
5 21	14 58.72	− 2 40.0	1.629	2.597	8.3	20.6
5 31	14 50.74	− 2 29.2	1.689	2.609	11.7	20.8
6 10	14 44.79	− 2 36.9	1.771	2.620	14.8	21.1

184972 2005 YE_1 5 10.1 260.°60 0.°3/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 32.02	−19 0.3	2.343	3.140	12.7	20.7
4 11	15 28.37	−18 35.5	2.252	3.139	10.0	20.5
4 21	15 22.81	−18 2.6	2.184	3.139	6.9	20.3
5 1	15 15.84	−17 23.3	2.141	3.138	3.3	20.1
5 11	15 8.19	−16 40.3	2.127	3.137	0.5	19.8
5 21	15 0.64	−15 57.2	2.141	3.136	4.1	20.1
5 31	14 53.96	−15 17.9	2.182	3.135	7.6	20.3
6 10	14 48.77	−14 45.7	2.248	3.134	10.7	20.5

134163 2005 BO_6 5 10.1 115.°29 1.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.86	−21 36.3	2.036	2.829	14.6	20.5
4 11	15 31.73	−21 38.3	1.951	2.833	11.6	20.3
4 21	15 25.29	−21 31.0	1.888	2.838	8.1	20.1
5 1	15 17.10	−21 14.7	1.849	2.842	4.2	19.9
5 11	15 8.07	−20 51.1	1.837	2.846	1.1	19.7
5 21	14 59.17	−20 23.1	1.853	2.850	4.4	19.9
5 31	14 51.35	−19 54.7	1.896	2.854	8.2	20.1
6 10	14 45.36	−19 30.1	1.964	2.858	11.6	20.4

308386 2005 SH_{21} 5 10.1 201.°92 2.°5/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.76	−28 19.9	2.901	3.655	11.6	21.2
4 11	15 29.48	−28 17.2	2.799	3.651	9.4	21.1
4 21	15 23.45	−28 3.8	2.718	3.648	7.0	20.9
5 1	15 16.13	−27 39.4	2.664	3.643	4.4	20.7
5 11	15 8.17	−27 4.8	2.638	3.639	2.6	20.6
5 21	15 0.27	−26 22.4	2.641	3.634	3.7	20.7
5 31	14 53.14	−25 35.6	2.673	3.629	6.3	20.8
6 10	14 47.35	−24 48.3	2.732	3.623	8.9	21.0

379476 2010 DU_{76} 5 10.1 134.°73 3.°9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.82	− 7 16.8	2.277	3.082	12.8	20.9
4 11	15 31.16	− 6 42.4	2.203	3.093	10.1	20.7
4 21	15 24.60	− 6 7.9	2.151	3.103	7.2	20.5
5 1	15 16.67	− 5 36.6	2.126	3.113	4.6	20.4
5 11	15 8.14	− 5 12.1	2.129	3.122	4.1	20.4
5 21	14 59.79	− 4 57.3	2.160	3.131	6.3	20.5
5 31	14 52.39	− 4 54.1	2.217	3.139	9.2	20.7
6 10	14 46.53	− 5 3.4	2.299	3.147	11.9	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471817	2012 WM_{16}		5 10.1	165.°35	0.°2/10.3	18
	h m	° ′			°	m
4 1	15 36.38	−18 28.3	2.606	3.390	12.0	21.5
4 11	15 31.56	−18 34.9	2.515	3.393	9.5	21.3
4 21	15 24.89	−18 36.1	2.446	3.397	6.5	21.1
5 1	15 16.85	−18 32.5	2.405	3.400	3.2	20.9
5 11	15 8.12	−18 25.1	2.392	3.402	0.3	20.6
5 21	14 59.46	−18 15.9	2.409	3.404	3.7	20.9
5 31	14 51.63	−18 7.1	2.455	3.406	6.9	21.1
6 10	14 45.22	−18 1.5	2.526	3.408	9.8	21.3
160465	2006 BL_{226}		5 10.1	16.°46	0.°7/ 9.3	18
4 1	15 25.73	−15 24.0	4.229	5.020	7.6	20.6
4 11	15 22.57	−15 7.8	4.136	5.021	5.9	20.5
4 21	15 18.43	−14 48.6	4.068	5.023	4.0	20.3
5 1	15 13.59	−14 27.7	4.028	5.024	1.9	20.2
5 11	15 8.43	−14 6.4	4.017	5.025	0.8	20.1
5 21	15 3.32	−13 46.5	4.036	5.026	2.6	20.2
5 31	14 58.63	−13 29.2	4.083	5.028	4.7	20.4
6 10	14 54.69	−13 16.1	4.158	5.029	6.5	20.5
42234	2001 EP_2		5 10.1	258.°46	2.°8/11.6	18
4 1	15 40.08	−24 32.7	2.269	3.038	14.0	18.9
4 11	15 35.22	−25 8.7	2.154	3.019	11.4	18.7
4 21	15 27.89	−25 37.1	2.061	2.999	8.4	18.4
5 1	15 18.53	−25 55.9	1.994	2.978	5.1	18.2
5 11	15 7.95	−26 4.3	1.955	2.958	2.8	18.0
5 21	14 57.14	−26 2.9	1.944	2.936	4.7	18.1
5 31	14 47.17	−25 54.3	1.961	2.915	8.2	18.3
6 10	14 38.97	−25 42.6	2.003	2.893	11.7	18.4
87194	2000 OK_{18}		5 10.1	303.°68	5.°6/ 6.9	18
4 1	15 33.10	− 7 33.4	1.585	2.417	16.3	19.2
4 11	15 30.38	− 6 42.5	1.483	2.388	13.1	18.9
4 21	15 24.92	− 5 47.9	1.401	2.360	9.5	18.6
5 1	15 17.18	− 4 55.1	1.343	2.331	6.3	18.4
5 11	15 8.07	− 4 10.7	1.310	2.303	6.0	18.3
5 21	14 58.76	− 3 40.9	1.301	2.275	9.2	18.4
5 31	14 50.48	− 3 30.6	1.316	2.247	13.4	18.5
6 10	14 44.28	− 3 41.8	1.351	2.220	17.4	18.7
506831	2007 TT_{141}		5 10.2	225.°74	0.°4/ 9.9	17
4 1	15 35.13	−17 22.6	2.346	3.140	12.8	22.4
4 11	15 30.87	−17 16.1	2.248	3.134	10.1	22.2
4 21	15 24.58	−17 3.8	2.173	3.128	6.9	22.0
5 1	15 16.76	−16 46.5	2.125	3.121	3.4	21.7
5 11	15 8.14	−16 26.4	2.104	3.113	0.6	21.5
5 21	14 59.54	−16 5.9	2.112	3.106	4.2	21.8
5 31	14 51.80	−15 48.1	2.147	3.098	7.8	22.0
6 10	14 45.59	−15 35.9	2.208	3.090	11.0	22.2
136406	2005 AR_{32}		5 10.2	353.°56	8.°0/13.7	17 R
4 1	15 24.24	−30 37.4	0.958	1.801	23.6	18.2
4 11	15 25.32	−31 40.7	0.888	1.790	20.0	17.9
4 21	15 22.48	−32 21.6	0.832	1.781	15.7	17.6
5 1	15 16.28	−32 33.9	0.793	1.774	11.2	17.3
5 11	15 8.16	−32 14.9	0.773	1.769	8.2	17.2
5 21	15 0.03	−31 27.4	0.773	1.767	9.2	17.2
5 31	14 53.90	−30 20.8	0.791	1.768	13.3	17.4
6 10	14 51.18	−29 8.0	0.828	1.770	17.9	17.7
72509	2001 DJ_{73}		5 10.2	275.°33	0.°8/10.6	18
4 1	15 34.67	−21 3.4	1.973	2.771	14.8	19.6
4 11	15 30.99	−20 59.1	1.879	2.765	11.8	19.4
4 21	15 24.92	−20 45.1	1.805	2.758	8.2	19.2
5 1	15 17.00	−20 22.0	1.757	2.751	4.2	18.9
5 11	15 8.11	−19 51.8	1.735	2.744	0.8	18.6
5 21	14 59.26	−19 17.7	1.740	2.737	4.6	18.9
5 31	14 51.45	−18 44.2	1.772	2.730	8.6	19.1
6 10	14 45.49	−18 15.6	1.828	2.724	12.3	19.3
279237	2009 UT_{148}		5 10.2	130.°08	0.°1/10.3	17
4 1	15 35.13	−21 1.0	1.917	2.716	15.1	21.4
4 11	15 31.23	−20 31.0	1.834	2.722	12.0	21.2
4 21	15 24.96	−19 49.5	1.773	2.727	8.2	21.0
5 1	15 16.95	−18 58.3	1.736	2.732	4.1	20.7
5 11	15 8.13	−18 0.8	1.726	2.736	0.4	20.5
5 21	14 59.50	−17 2.0	1.745	2.741	4.7	20.8
5 31	14 52.03	−16 7.4	1.790	2.745	8.8	21.1
6 10	14 46.46	−15 21.7	1.858	2.749	12.4	21.3
409330	2004 TF_{370}		5 10.2	198.°16	2.°7/11.4	16
4 1	15 42.18	−23 54.2	1.790	2.573	16.6	22.1
4 11	15 37.31	−24 21.0	1.697	2.571	13.5	21.9
4 21	15 29.50	−24 37.5	1.625	2.568	9.7	21.6
5 1	15 19.34	−24 41.9	1.576	2.564	5.6	21.4
5 11	15 7.89	−24 33.9	1.555	2.560	2.7	21.2
5 21	14 56.43	−24 15.6	1.560	2.556	5.3	21.3
5 31	14 46.27	−23 51.4	1.592	2.550	9.5	21.6
6 10	14 38.40	−23 26.9	1.648	2.544	13.4	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
299942	2006 TB_{48}		5 10.2	235.°49	1.°4/ 8.8	18
	h m	° ′			°	m
4 1	15 31.72	−17 3.0	2.414	3.215	12.3	20.3
4 11	15 28.05	−16 7.7	2.318	3.209	9.7	20.1
4 21	15 22.56	−15 3.7	2.246	3.203	6.6	19.9
5 1	15 15.73	−13 54.0	2.201	3.197	3.2	19.7
5 11	15 8.24	−12 42.6	2.184	3.191	1.7	19.5
5 21	15 0.85	−11 34.1	2.196	3.184	4.7	19.7
5 31	14 54.29	−10 33.3	2.236	3.178	8.1	19.9
6 10	14 49.15	− 9 43.6	2.300	3.171	11.1	20.1
388673	2007 TV_{426}		5 10.2	103.°37	1.°0/10.9	17
4 1	15 33.25	−23 37.1	2.182	2.970	13.9	21.5
4 11	15 29.49	−23 7.6	2.096	2.975	11.0	21.3
4 21	15 23.64	−22 26.1	2.031	2.980	7.7	21.1
5 1	15 16.27	−21 33.7	1.992	2.985	4.0	20.8
5 11	15 8.20	−20 33.4	1.980	2.989	1.0	20.6
5 21	15 0.30	−19 29.7	1.997	2.994	4.1	20.9
5 31	14 53.43	−18 27.6	2.041	2.999	7.7	21.1
6 10	14 48.23	−17 32.1	2.110	3.003	11.0	21.3
39834	1998 BW_{10}		5 10.2	26.°05	4.°8/13.7	18
4 1	15 34.90	−32 35.8	2.127	2.882	15.2	17.9
4 11	15 31.18	−32 53.0	2.037	2.884	12.7	17.7
4 21	15 25.03	−32 54.8	1.967	2.885	9.8	17.5
5 1	15 17.03	−32 39.0	1.920	2.887	6.9	17.3
5 11	15 8.12	−32 5.7	1.899	2.889	4.9	17.2
5 21	14 59.33	−31 17.6	1.905	2.891	5.6	17.3
5 31	14 51.67	−30 19.7	1.938	2.893	8.2	17.4
6 10	14 45.94	−29 18.3	1.995	2.896	11.2	17.6
225555	2000 SJ_{316}		5 10.2	286.°73	4.°1/12.8	17
4 1	15 36.58	−30 6.7	1.905	2.675	16.2	20.6
4 11	15 33.14	−30 9.2	1.782	2.643	13.6	20.3
4 21	15 26.85	−29 54.8	1.679	2.611	10.3	20.1
5 1	15 18.17	−29 21.0	1.599	2.578	6.8	19.8
5 11	15 8.01	−28 27.2	1.545	2.544	4.2	19.5
5 21	14 57.59	−27 16.2	1.517	2.511	5.7	19.6
5 31	14 48.19	−25 54.3	1.516	2.476	9.6	19.7
6 10	14 40.94	−24 30.2	1.539	2.442	13.7	19.9
176484	2001 XA_{209}		5 10.2	138.°33	2.°2/ 8.3	18
4 1	15 32.81	−12 20.4	2.592	3.393	11.6	20.7
4 11	15 28.66	−11 47.4	2.510	3.401	9.0	20.6
4 21	15 22.83	−11 11.0	2.452	3.408	6.2	20.4
5 1	15 15.82	−10 33.6	2.421	3.415	3.3	20.2
5 11	15 8.26	− 9 58.5	2.419	3.422	2.3	20.2
5 21	15 0.84	− 9 28.5	2.445	3.429	4.8	20.3
5 31	14 54.22	− 9 6.3	2.499	3.435	7.7	20.5
6 10	14 48.92	− 8 53.7	2.578	3.441	10.3	20.7
153084	2000 RQ_{29}		5 10.2	305.°33	10.°3/15.3	18
4 1	15 37.96	−40 6.8	1.691	2.426	19.2	19.3
4 11	15 35.21	−41 23.0	1.587	2.405	17.1	19.1
4 21	15 28.87	−42 21.1	1.501	2.384	14.6	18.9
5 1	15 19.38	−42 53.7	1.434	2.363	12.1	18.7
5 11	15 7.89	−42 55.2	1.389	2.343	10.5	18.5
5 21	14 56.02	−42 23.8	1.367	2.323	10.7	18.5
5 31	14 45.60	−41 23.8	1.367	2.304	12.6	18.5
6 10	14 38.07	−40 4.8	1.389	2.284	15.5	18.7
347314	2011 QE_{46}		5 10.2	272.°85	0.°3/ 9.8	18
4 1	15 25.29	−17 52.1	4.500	5.284	7.3	21.6
4 11	15 22.21	−17 31.0	4.396	5.277	5.7	21.5
4 21	15 18.18	−17 6.0	4.318	5.270	3.8	21.3
5 1	15 13.49	−16 38.2	4.267	5.263	1.9	21.2
5 11	15 8.48	−16 8.9	4.247	5.256	0.4	21.0
5 21	15 3.50	−15 39.9	4.256	5.249	2.4	21.2
5 31	14 58.91	−15 12.7	4.294	5.242	4.4	21.3
6 10	14 55.02	−14 48.9	4.360	5.235	6.2	21.5
500115	2012 BE_{118}		5 10.2	25.°01	1.°6/ 9.3	17
4 1	15 33.97	−16 16.3	1.294	2.131	18.9	21.3
4 11	15 31.32	−15 53.6	1.227	2.137	14.9	21.0
4 21	15 25.55	−15 21.5	1.178	2.143	10.2	20.8
5 1	15 17.39	−14 43.1	1.151	2.149	4.9	20.5
5 11	15 8.11	−14 3.4	1.148	2.157	1.8	20.3
5 21	14 59.10	−13 28.0	1.169	2.165	6.6	20.6
5 31	14 51.69	−13 2.6	1.214	2.173	11.6	20.9
6 10	14 46.81	−12 50.9	1.279	2.182	16.0	21.2
172492	2003 SL_{146}		5 10.2	148.°44	2.°3/11.7	18
4 1	15 39.82	−25 40.2	1.947	2.724	15.7	20.5
4 11	15 34.98	−25 37.0	1.864	2.733	12.7	20.3
4 21	15 27.57	−25 20.5	1.801	2.742	9.1	20.1
5 1	15 18.26	−24 50.4	1.762	2.750	5.2	19.9
5 11	15 8.05	−24 8.2	1.751	2.757	2.3	19.7
5 21	14 58.06	−23 17.8	1.768	2.764	4.7	19.8
5 31	14 49.33	−22 24.8	1.812	2.770	8.5	20.1
6 10	14 42.69	−21 35.0	1.881	2.775	12.1	20.3

480095 2015 EA_{63} 5 10.2 24.°47 0.°4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.39	−19 36.3	1.575	2.394	17.0	20.8
4 11	15 30.38	−19 33.0	1.503	2.401	13.4	20.6
4 21	15 24.65	−19 19.8	1.451	2.409	9.2	20.3
5 1	15 16.89	−18 57.8	1.421	2.418	4.6	20.1
5 11	15 8.18	−18 29.9	1.418	2.427	0.5	19.8
5 21	14 59.68	−18 0.2	1.439	2.437	5.2	20.2
5 31	14 52.54	−17 33.5	1.486	2.448	9.6	20.4
6 10	14 47.58	−17 14.2	1.555	2.459	13.6	20.7

268807 2006 VP_2 5 10.2 141.°23 1.°8/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.34	−24 42.1	1.833	2.621	16.1	20.7
4 11	15 33.19	−24 30.0	1.749	2.627	12.9	20.5
4 21	15 26.44	−24 4.2	1.686	2.633	9.2	20.3
5 1	15 17.73	−23 24.8	1.648	2.638	5.1	20.0
5 11	15 8.11	−22 34.3	1.636	2.643	1.8	19.8
5 21	14 58.68	−21 37.0	1.651	2.648	4.7	20.0
5 31	14 50.54	−20 39.1	1.693	2.652	8.8	20.3
6 10	14 44.50	−19 46.5	1.758	2.656	12.6	20.5

119388 2001 TT_{12} 5 10.2 156.°60 0.°4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.36	−19 8.6	2.229	3.014	13.7	20.5
4 11	15 34.22	−19 15.1	2.142	3.021	10.9	20.3
4 21	15 26.88	−19 14.9	2.078	3.028	7.5	20.1
5 1	15 17.89	−19 8.4	2.039	3.034	3.7	19.9
5 11	15 8.10	−18 56.8	2.029	3.039	0.5	19.6
5 21	14 58.42	−18 42.5	2.048	3.044	4.2	20.0
5 31	14 49.76	−18 28.5	2.095	3.048	7.9	20.2
6 10	14 42.85	−18 18.0	2.167	3.052	11.1	20.4

201559 2003 SS_2 5 10.2 186.°55 0.°7/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.59	−21 25.4	2.275	3.061	13.4	21.4
4 11	15 31.30	−21 16.1	2.182	3.061	10.7	21.2
4 21	15 24.91	−20 57.7	2.111	3.060	7.4	21.0
5 1	15 16.94	−20 30.8	2.066	3.059	3.8	20.8
5 11	15 8.19	−19 57.5	2.049	3.058	0.8	20.5
5 21	14 59.53	−19 20.7	2.060	3.057	4.1	20.8
5 31	14 51.81	−18 44.5	2.099	3.055	7.7	21.0
6 10	14 45.74	−18 12.9	2.163	3.053	10.9	21.2

2621 Goto 5 10.2 230.°18 4.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.67	− 4 53.8	2.703	3.504	11.2	16.5
4 11	15 29.34	− 4 23.4	2.609	3.494	8.9	16.3
4 21	15 23.35	− 3 54.0	2.537	3.484	6.5	16.1
5 1	15 16.13	− 3 28.7	2.493	3.474	4.5	16.0
5 11	15 8.27	− 3 10.5	2.477	3.463	4.3	15.9
5 21	15 0.44	− 3 1.9	2.489	3.452	6.1	16.0
5 31	14 53.30	− 3 4.7	2.529	3.441	8.6	16.2
6 10	14 47.42	− 3 19.3	2.593	3.429	11.1	16.3

396397 2014 DH_{139} 5 10.2 158.°98 1.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.26	−13 26.8	2.741	3.537	11.1	21.9
4 11	15 28.93	−12 51.7	2.655	3.543	8.7	21.8
4 21	15 22.99	−12 12.6	2.593	3.548	5.9	21.6
5 1	15 15.91	−11 31.7	2.559	3.554	3.1	21.4
5 11	15 8.30	−10 52.0	2.554	3.559	2.0	21.3
5 21	15 0.81	−10 16.4	2.578	3.563	4.4	21.5
5 31	14 54.08	− 9 47.8	2.631	3.567	7.3	21.7
6 10	14 48.62	− 9 28.2	2.708	3.570	9.9	21.9

361147 2006 HN_{87} 5 10.2 13.°87 1.°5/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.58	−17 25.3	1.109	1.959	20.5	20.6
4 11	15 29.96	−16 56.0	1.044	1.962	16.2	20.3
4 21	15 24.90	−16 14.0	0.997	1.965	11.1	20.1
5 1	15 17.17	−15 22.9	0.971	1.970	5.4	19.7
5 11	15 8.17	−14 29.1	0.967	1.976	1.8	19.5
5 21	14 59.46	−13 39.9	0.986	1.983	7.1	19.9
5 31	14 52.51	−13 2.7	1.027	1.991	12.6	20.2
6 10	14 48.37	−12 42.2	1.087	1.999	17.3	20.5

178257 2007 VZ_{116} 5 10.2 315.°64 4.°6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.84	−28 11.1	1.397	2.201	19.5	20.0
4 11	15 32.48	−28 34.1	1.308	2.190	16.1	19.8
4 21	15 26.74	−28 39.8	1.236	2.179	12.1	19.5
5 1	15 18.19	−28 25.1	1.185	2.169	7.8	19.2
5 11	15 8.07	−27 49.8	1.157	2.159	4.7	19.0
5 21	14 57.88	−26 57.3	1.153	2.149	6.6	19.1
5 31	14 49.23	−25 55.0	1.173	2.140	11.0	19.3
6 10	14 43.33	−24 52.5	1.214	2.131	15.6	19.5

246474 2007 WZ_{21} 5 10.2 330.°47 2.°8/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.12	−25 36.0	2.009	2.793	15.0	20.6
4 11	15 31.41	−25 54.5	1.916	2.789	12.2	20.4
4 21	15 25.25	−26 1.9	1.845	2.786	8.9	20.2
5 1	15 17.21	−25 57.0	1.798	2.784	5.3	19.9
5 11	15 8.17	−25 40.4	1.777	2.781	2.8	19.8
5 21	14 59.17	−25 14.3	1.783	2.779	4.8	19.9
5 31	14 51.24	−24 42.9	1.816	2.776	8.3	20.1
6 10	14 45.22	−24 11.3	1.873	2.774	11.8	20.3

176457 2001 XM_{72} 5 10.2 126.°35 1.°8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.99	−13 34.7	2.890	3.684	10.7	21.6
4 11	15 28.56	−12 54.5	2.814	3.700	8.3	21.5
4 21	15 22.64	−12 10.3	2.762	3.716	5.6	21.3
5 1	15 15.70	−11 24.6	2.737	3.732	2.9	21.1
5 11	15 8.33	−10 40.3	2.743	3.747	2.0	21.1
5 21	15 1.14	−10 0.5	2.777	3.761	4.2	21.3
5 31	14 54.69	− 9 27.6	2.841	3.775	6.9	21.5
6 10	14 49.45	− 9 3.8	2.929	3.788	9.3	21.6

160033 1998 QU_{81} 5 10.2 239.°29 0.°1/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.59	−20 57.8	2.512	3.296	12.4	20.2
4 11	15 30.37	−20 13.2	2.400	3.280	9.8	20.0
4 21	15 24.22	−19 17.7	2.312	3.263	6.8	19.8
5 1	15 16.61	−18 13.0	2.251	3.246	3.3	19.5
5 11	15 8.24	−17 2.1	2.219	3.229	0.4	19.3
5 21	14 59.90	−15 49.4	2.217	3.211	4.1	19.5
5 31	14 52.35	−14 40.0	2.243	3.192	7.6	19.7
6 10	14 46.27	−13 38.4	2.295	3.173	10.9	19.9

506764 2006 WZ_{105} 5 10.2 62.°04 0.°7/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.22	−16 50.2	2.219	3.021	13.2	21.1
4 11	15 29.35	−16 36.2	2.140	3.030	10.3	20.9
4 21	15 23.51	−16 16.1	2.083	3.040	7.0	20.7
5 1	15 16.23	−15 51.7	2.052	3.049	3.4	20.5
5 11	15 8.29	−15 25.5	2.049	3.058	0.9	20.3
5 21	15 0.51	−15 0.4	2.074	3.068	4.3	20.6
5 31	14 53.68	−14 39.7	2.125	3.077	7.8	20.8
6 10	14 48.43	−14 26.1	2.202	3.087	11.0	21.0

57369 2001 RK_{45} 5 10.2 143.°46 0.°3/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.06	−20 33.4	2.763	3.543	11.4	20.4
4 11	15 29.60	−20 15.0	2.677	3.553	9.0	20.2
4 21	15 23.47	−19 49.2	2.613	3.563	6.2	20.0
5 1	15 16.16	−19 17.1	2.577	3.572	3.1	19.8
5 11	15 8.30	−18 40.6	2.570	3.580	0.3	19.6
5 21	15 0.59	−18 2.6	2.593	3.588	3.4	19.9
5 31	14 53.67	−17 26.3	2.644	3.596	6.5	20.1
6 10	14 48.08	−16 54.7	2.721	3.603	9.2	20.3

303256 2004 RW_{46} 5 10.2 285.°08 0.°5/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.23	−20 14.0	1.405	2.226	18.6	20.9
4 11	15 33.36	−20 8.5	1.313	2.212	14.9	20.6
4 21	15 27.24	−19 50.9	1.239	2.198	10.5	20.3
5 1	15 18.43	−19 21.5	1.187	2.183	5.3	20.0
5 11	15 8.07	−18 42.8	1.159	2.169	0.6	19.6
5 21	14 57.61	−17 59.8	1.157	2.155	6.1	20.0
5 31	14 48.55	−17 19.1	1.178	2.141	11.5	20.2
6 10	14 42.08	−16 47.2	1.221	2.127	16.3	20.5

384694 2011 HR_1 5 10.2 323.°01 5.°8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.09	− 3 50.8	1.639	2.463	16.2	19.8
4 11	15 32.44	− 3 32.9	1.553	2.451	13.1	19.6
4 21	15 26.12	− 3 18.8	1.488	2.440	9.6	19.3
5 1	15 17.70	− 3 13.3	1.446	2.430	6.6	19.1
5 11	15 8.15	− 3 20.7	1.429	2.420	6.0	19.1
5 21	14 58.59	− 3 43.8	1.437	2.410	8.6	19.2
5 31	14 50.20	− 4 23.8	1.470	2.401	12.3	19.4
6 10	14 43.88	− 5 19.6	1.525	2.392	15.9	19.6

297677 2001 UG_{135} 5 10.2 233.°20 1.°4/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.55	−14 45.5	2.445	3.245	12.2	21.0
4 11	15 29.52	−14 25.5	2.348	3.238	9.6	20.8
4 21	15 23.62	−14 0.6	2.274	3.230	6.5	20.6
5 1	15 16.31	−13 32.8	2.227	3.223	3.3	20.4
5 11	15 8.29	−13 4.7	2.208	3.215	1.5	20.3
5 21	15 0.29	−12 39.0	2.217	3.207	4.5	20.5
5 31	14 53.09	−12 18.9	2.254	3.199	7.9	20.6
6 10	14 47.32	−12 6.8	2.315	3.190	10.9	20.8

148920 2001 XB_{54} 5 10.2 152.°31 2.°0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.74	−12 12.0	2.690	3.487	11.3	21.5
4 11	15 29.35	−11 49.8	2.605	3.493	8.8	21.3
4 21	15 23.32	−11 24.8	2.544	3.499	6.0	21.1
5 1	15 16.09	−10 59.2	2.510	3.504	3.2	20.9
5 11	15 8.32	−10 35.3	2.506	3.510	2.1	20.9
5 21	15 0.66	−10 15.8	2.530	3.514	4.5	21.0
5 31	14 53.76	−10 2.9	2.582	3.519	7.4	21.2
6 10	14 48.16	− 9 58.1	2.659	3.523	10.0	21.4

146900 2002 CL_{79} 5 10.2 13.°47 4.°0/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.78	−30 7.6	2.332	3.091	13.9	19.8
4 11	15 30.85	−30 29.6	2.239	3.091	11.5	19.6
4 21	15 24.72	−30 39.1	2.167	3.092	8.7	19.4
5 1	15 16.91	−30 34.6	2.120	3.092	5.9	19.2
5 11	15 8.24	−30 16.2	2.099	3.093	4.0	19.1
5 21	14 59.64	−29 45.7	2.106	3.094	4.9	19.2
5 31	14 52.01	−29 6.9	2.139	3.094	7.6	19.3
6 10	14 46.10	−28 25.0	2.198	3.095	10.4	19.5

467109 2016 ET_{60} 5 10.2 34.°05 0.°1/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.97	−18 39.1	1.258	2.090	19.7	21.0
4 11	15 33.06	−18 41.5	1.193	2.099	15.6	20.7
4 21	15 26.83	−18 33.7	1.146	2.108	10.7	20.5
5 1	15 18.08	−18 16.7	1.121	2.119	5.3	20.2
5 11	15 8.14	−17 53.6	1.120	2.130	0.5	19.9
5 21	14 58.51	−17 29.1	1.143	2.141	6.1	20.3
5 31	14 50.59	−17 8.7	1.189	2.153	11.2	20.6
6 10	14 45.39	−16 57.1	1.256	2.166	15.7	20.9

415984 2001 YH_{133} 5 10.2 26.°89 12.°3/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.87	−52 14.2	1.422	2.108	24.2	19.3
4 11	15 35.54	−52 16.6	1.353	2.122	21.9	19.1
4 21	15 28.83	−51 39.6	1.296	2.136	19.1	19.0
5 1	15 19.00	−50 15.8	1.255	2.151	16.1	18.8
5 11	15 8.07	−48 3.4	1.234	2.168	13.6	18.7
5 21	14 58.11	−45 9.0	1.236	2.185	12.3	18.7
5 31	14 50.75	−41 47.1	1.261	2.203	12.9	18.8
6 10	14 46.82	−38 16.9	1.311	2.222	15.1	19.0

55464 2001 TG_{165} 5 10.2 358.°67 5.°4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.92	− 5 20.4	1.579	2.404	16.6	18.6
4 11	15 33.07	− 4 59.9	1.503	2.403	13.3	18.4
4 21	15 26.50	− 4 41.9	1.447	2.402	9.6	18.1
5 1	15 17.85	− 4 31.0	1.415	2.402	6.3	17.9
5 11	15 8.16	− 4 31.6	1.408	2.402	5.6	17.9
5 21	14 58.61	− 4 46.5	1.426	2.402	8.3	18.1
5 31	14 50.35	− 5 17.1	1.469	2.403	12.1	18.3
6 10	14 44.25	− 6 2.8	1.533	2.404	15.7	18.5

334773 2003 SR_{96} 5 10.2 262.°29 2.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.76	−26 52.6	2.222	2.994	14.1	20.5
4 11	15 31.81	−26 45.5	2.108	2.974	11.6	20.3
4 21	15 25.52	−26 25.2	2.015	2.953	8.5	20.1
5 1	15 17.38	−25 50.9	1.947	2.933	5.1	19.8
5 11	15 8.21	−25 3.7	1.906	2.911	2.5	19.6
5 21	14 58.96	−24 6.6	1.894	2.889	4.5	19.7
5 31	14 50.64	−23 4.9	1.909	2.867	8.1	19.9
6 10	14 44.07	−22 4.3	1.949	2.845	11.6	20.0

1188 Gothlandia 5 10.2 229.°81 2.°4/11.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.29	−23 53.0	1.728	2.515	17.0	15.7
4 11	15 36.85	−24 7.6	1.628	2.505	13.8	15.4
4 21	15 29.37	−24 10.7	1.548	2.493	9.9	15.2
5 1	15 19.41	−24 0.7	1.491	2.481	5.6	14.9
5 11	15 8.03	−23 37.9	1.461	2.468	2.4	14.7
5 21	14 56.54	−23 4.9	1.458	2.454	5.4	14.8
5 31	14 46.30	−22 27.1	1.481	2.440	9.9	15.0
6 10	14 38.42	−21 50.9	1.527	2.425	14.2	15.2

77845 2001 QR_{279} 5 10.2 110.°19 5.°7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.19	− 2 33.0	2.219	3.030	12.9	19.1
4 11	15 29.22	− 1 41.1	2.146	3.035	10.4	18.9
4 21	15 23.36	− 0 51.8	2.097	3.041	7.8	18.8
5 1	15 16.16	− 0 9.5	2.073	3.046	5.9	18.7
5 11	15 8.34	+ 0 21.1	2.076	3.052	5.9	18.7
5 21	15 0.68	+ 0 37.1	2.106	3.057	7.8	18.8
5 31	14 53.94	+ 0 36.7	2.161	3.062	10.4	19.0
6 10	14 48.70	+ 0 20.1	2.238	3.067	12.9	19.1

416795 2005 GL_{88} 5 10.2 291.°54 3.°4/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.56	−23 58.5	1.575	2.375	17.8	21.1
4 11	15 35.22	−24 38.3	1.470	2.353	14.6	20.8
4 21	15 28.62	−25 8.8	1.383	2.330	10.8	20.5
5 1	15 19.22	−25 27.1	1.320	2.308	6.4	20.2
5 11	15 8.03	−25 31.9	1.281	2.285	3.4	20.0
5 21	14 56.47	−25 24.0	1.267	2.263	6.1	20.1
5 31	14 46.08	−25 7.3	1.278	2.241	10.8	20.3
6 10	14 38.20	−24 48.2	1.312	2.219	15.4	20.5

497889 2006 UU_{275} 5 10.2 196.°76 0.°6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.32	−17 32.6	2.114	2.907	14.1	23.2
4 11	15 33.60	−17 16.7	2.020	2.905	11.1	23.0
4 21	15 26.59	−16 53.5	1.947	2.901	7.6	22.8
5 1	15 17.84	−16 24.3	1.901	2.897	3.7	22.6
5 11	15 8.19	−15 51.7	1.883	2.893	0.8	22.3
5 21	14 58.61	−15 19.1	1.893	2.887	4.7	22.6
5 31	14 50.04	−14 50.4	1.931	2.881	8.6	22.8
6 10	14 43.25	−14 29.2	1.994	2.874	12.1	23.0

163174 2002 CX_{236} 5 10.2 74.°30 14.°3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.44	+10 20.1	1.419	2.235	18.6	19.1
4 11	15 31.78	+13 4.6	1.389	2.255	16.4	19.0
4 21	15 25.41	+15 31.9	1.378	2.274	14.8	18.9
5 1	15 17.19	+17 28.9	1.390	2.294	14.3	18.9
5 11	15 8.26	+18 46.6	1.423	2.313	15.1	19.0
5 21	14 59.83	+19 21.6	1.476	2.332	16.7	19.2
5 31	14 52.93	+19 15.5	1.547	2.351	18.6	19.4
6 10	14 48.25	+18 34.4	1.634	2.370	20.4	19.6

237044 2008 SW_{120} 5 10.2 237.°81 3.°1/11.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.93	−24 26.8	1.541	2.337	18.3	20.7
4 11	15 36.95	−24 54.2	1.448	2.328	15.0	20.5
4 21	15 29.65	−25 9.7	1.374	2.320	10.9	20.2
5 1	15 19.62	−25 10.8	1.322	2.311	6.4	19.9
5 11	15 8.02	−24 57.3	1.296	2.301	3.1	19.7
5 21	14 56.31	−24 31.4	1.295	2.292	5.9	19.8
5 31	14 46.04	−23 58.4	1.320	2.281	10.6	20.1
6 10	14 38.38	−23 25.6	1.367	2.271	15.1	20.3

380439 2003 SG_{228} 5 10.2 163.°37 2.°9/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.40	−12 38.9	2.359	3.164	12.5	21.3
4 11	15 29.31	−11 33.9	2.275	3.168	9.7	21.1
4 21	15 23.40	−10 23.2	2.215	3.172	6.7	20.9
5 1	15 16.17	− 9 10.7	2.182	3.175	3.8	20.8
5 11	15 8.35	− 8 1.1	2.178	3.178	3.1	20.7
5 21	15 0.68	− 6 59.0	2.203	3.180	5.7	20.9
5 31	14 53.89	− 6 8.4	2.255	3.182	8.8	21.1
6 10	14 48.56	− 5 32.0	2.331	3.184	11.6	21.3

31554 1999 EJ_2 5 10.2 340.°97 6.°1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.80	− 9 1.7	1.567	2.404	16.2	16.8
4 11	15 28.26	− 7 18.6	1.491	2.400	12.8	16.5
4 21	15 23.19	− 5 28.3	1.437	2.396	9.2	16.3
5 1	15 16.22	− 3 38.8	1.406	2.393	6.5	16.1
5 11	15 8.34	− 1 59.7	1.402	2.390	6.7	16.1
5 21	15 0.63	− 0 39.2	1.423	2.387	9.6	16.3
5 31	14 54.12	+ 0 16.9	1.467	2.385	13.3	16.5
6 10	14 49.62	+ 0 46.5	1.532	2.383	16.7	16.7

65566 3022 T_{-2} 5 10.2 183.°39 3.°7/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.91	− 7 10.5	2.773	3.576	10.8	20.3
4 11	15 27.88	− 6 18.5	2.687	3.576	8.6	20.1
4 21	15 22.31	− 5 25.3	2.626	3.576	6.1	19.9
5 1	15 15.63	− 4 34.4	2.592	3.576	4.1	19.8
5 11	15 8.43	− 3 49.4	2.587	3.575	3.9	19.8
5 21	15 1.32	− 3 13.5	2.610	3.573	5.8	19.9
5 31	14 54.91	− 2 49.1	2.660	3.572	8.3	20.1
6 10	14 49.71	− 2 37.4	2.735	3.570	10.6	20.2

359655 2011 SR_{35} 5 10.2 248.°20 3.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.43	−13 21.0	1.627	2.446	16.5	21.4
4 11	15 33.70	−12 29.8	1.530	2.430	13.1	21.1
4 21	15 27.13	−11 29.7	1.454	2.414	9.1	20.8
5 1	15 18.29	−10 24.7	1.403	2.398	5.0	20.6
5 11	15 8.19	− 9 20.7	1.377	2.380	3.6	20.4
5 21	14 58.02	− 8 24.3	1.378	2.363	7.4	20.6
5 31	14 49.04	− 7 41.6	1.404	2.344	12.0	20.8
6 10	14 42.25	− 7 16.7	1.451	2.325	16.1	21.0

503172 2015 GE_{40} 5 10.2 97.°86 2.°5/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.42	−12 22.5	2.004	2.816	14.1	21.1
4 11	15 30.51	−11 52.8	1.924	2.821	11.0	20.9
4 21	15 24.43	−11 19.0	1.867	2.826	7.6	20.7
5 1	15 16.76	−10 44.1	1.835	2.830	4.0	20.4
5 11	15 8.34	−10 12.0	1.831	2.835	2.7	20.4
5 21	15 0.07	− 9 46.1	1.854	2.840	5.7	20.6
5 31	14 52.84	− 9 29.8	1.903	2.844	9.3	20.8
6 10	14 47.33	− 9 25.0	1.975	2.849	12.5	21.0

323387 2003 YE_{74} 5 10.2 210.°31 2.°0/11.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.57	−25 10.8	2.152	2.924	14.5	22.4
4 11	15 34.76	−25 6.1	2.049	2.916	11.8	22.2
4 21	15 27.50	−24 49.3	1.968	2.908	8.5	22.0
5 1	15 18.35	−24 19.9	1.911	2.899	4.8	21.7
5 11	15 8.19	−23 39.0	1.883	2.890	2.0	21.5
5 21	14 58.05	−22 49.9	1.883	2.879	4.5	21.7
5 31	14 48.96	−21 57.6	1.911	2.867	8.2	21.9
6 10	14 41.75	−21 7.6	1.964	2.855	11.8	22.1

14281 2000 CR_{92} 5 10.2 252.°09 1.°5/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.89	−15 8.3	2.165	2.970	13.4	18.2
4 11	15 30.08	−14 44.2	2.070	2.962	10.6	18.0
4 21	15 24.18	−14 14.2	1.997	2.955	7.2	17.8
5 1	15 16.67	−13 40.4	1.950	2.947	3.6	17.5
5 11	15 8.35	−13 5.9	1.931	2.938	1.7	17.4
5 21	15 0.06	−12 34.3	1.939	2.930	5.0	17.6
5 31	14 52.67	−12 9.2	1.975	2.922	8.7	17.8
6 10	14 46.89	−11 53.4	2.034	2.913	12.0	18.0

367914 2012 BX_{112} 5 10.2 74.°79 2.°0/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.32	−15 1.1	1.511	2.333	17.4	21.0
4 11	15 33.39	−14 31.6	1.447	2.348	13.6	20.7
4 21	15 26.66	−13 54.9	1.402	2.363	9.3	20.5
5 1	15 17.90	−13 14.2	1.381	2.378	4.6	20.3
5 11	15 8.25	−12 34.2	1.385	2.393	2.3	20.2
5 21	14 58.94	−12 0.0	1.416	2.408	6.3	20.4
5 31	14 51.13	−11 36.0	1.471	2.422	10.7	20.7
6 10	14 45.60	−11 25.1	1.549	2.437	14.5	21.0

199178 2005 YY_{220} 5 10.2 107.°14 3.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.01	−28 18.2	1.473	2.265	19.2	20.3
4 11	15 35.30	−28 21.9	1.397	2.272	15.7	20.1
4 21	15 28.33	−28 7.1	1.338	2.280	11.6	19.8
5 1	15 18.85	−27 32.0	1.302	2.287	7.1	19.6
5 11	15 8.16	−26 38.3	1.290	2.293	3.9	19.4
5 21	14 57.74	−25 31.1	1.304	2.300	5.9	19.6
5 31	14 49.01	−24 18.5	1.343	2.307	10.2	19.8
6 10	14 42.95	−23 9.7	1.404	2.313	14.4	20.1

128577 2004 PO_{104} 5 10.2 259.°33 7.°3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.53	+ 6 41.9	2.566	3.348	12.2	19.8
4 11	15 31.66	+ 7 12.1	2.479	3.338	10.3	19.6
4 21	15 25.00	+ 7 34.0	2.415	3.327	8.5	19.5
5 1	15 17.00	+ 7 43.0	2.376	3.315	7.4	19.4
5 11	15 8.33	+ 7 35.7	2.364	3.304	7.6	19.4
5 21	14 59.72	+ 7 10.4	2.378	3.293	8.9	19.5
5 31	14 51.89	+ 6 27.0	2.418	3.281	10.9	19.6
6 10	14 45.43	+ 5 27.0	2.482	3.269	12.9	19.7

285843 2001 FM_{87} 5 10.2 56.°92 5.°5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.31	− 8 52.0	1.378	2.215	18.0	20.5
4 11	15 31.91	− 7 46.6	1.322	2.230	14.2	20.3
4 21	15 25.68	− 6 38.5	1.285	2.246	10.0	20.0
5 1	15 17.41	− 5 34.4	1.272	2.262	6.3	19.9
5 11	15 8.31	− 4 41.7	1.283	2.278	5.8	19.9
5 21	14 59.61	− 4 6.0	1.319	2.295	8.9	20.1
5 31	14 52.45	− 3 50.9	1.379	2.312	12.7	20.4
6 10	14 47.61	− 3 56.6	1.458	2.329	16.3	20.6

308378 2005 RR_{31} 5 10.2 196.°98 7.°9/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 43.00	−50 33.1	3.458	4.058	12.3	22.2
4 11	15 37.23	−51 22.0	3.355	4.054	11.2	22.1
4 21	15 29.10	−51 55.4	3.269	4.050	10.0	22.0
5 1	15 19.12	−52 9.8	3.205	4.045	8.9	21.9
5 11	15 8.15	−52 2.8	3.164	4.040	8.1	21.8
5 21	14 57.17	−51 34.4	3.149	4.034	7.9	21.8
5 31	14 47.20	−50 46.9	3.158	4.028	8.4	21.8
6 10	14 39.04	−49 45.1	3.193	4.021	9.4	21.9

428292 2007 EX_{137} 5 10.2 329.°98 4.°1/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.35	−23 34.4	1.521	2.325	18.2	20.3
4 11	15 35.07	−24 40.1	1.428	2.312	14.9	20.0
4 21	15 28.51	−25 38.8	1.354	2.301	11.0	19.8
5 1	15 19.17	−26 26.9	1.303	2.290	6.8	19.5
5 11	15 8.13	−27 1.7	1.277	2.279	4.1	19.3
5 21	14 56.84	−27 22.5	1.275	2.270	6.4	19.4
5 31	14 46.85	−27 32.0	1.299	2.261	10.7	19.6
6 10	14 39.44	−27 35.6	1.344	2.252	15.0	19.8

24192 1999 XM_{30} 5 10.2 125.°02 3.°8/ 7.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.96	− 7 14.7	2.339	3.142	12.6	18.5
4 11	15 31.24	− 6 38.2	2.267	3.156	9.9	18.3
4 21	15 24.67	− 6 1.6	2.219	3.170	7.0	18.2
5 1	15 16.80	− 5 28.3	2.198	3.184	4.5	18.0
5 11	15 8.37	− 5 1.8	2.204	3.197	4.0	18.0
5 21	15 0.15	− 4 44.9	2.239	3.209	6.2	18.2
5 31	14 52.86	− 4 39.6	2.301	3.221	8.9	18.4
6 10	14 47.07	− 4 46.6	2.387	3.233	11.6	18.5

241746 2000 YY_{84} 5 10.2 142.°57 3.°8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.07	− 9 39.3	1.930	2.737	14.7	21.0
4 11	15 34.11	− 8 55.9	1.857	2.749	11.6	20.9
4 21	15 26.85	− 8 9.8	1.806	2.761	8.1	20.7
5 1	15 17.93	− 7 25.2	1.781	2.771	4.8	20.5
5 11	15 8.27	− 6 46.5	1.783	2.781	4.0	20.4
5 21	14 58.86	− 6 17.9	1.813	2.790	6.8	20.6
5 31	14 50.62	− 6 2.2	1.870	2.799	10.2	20.8
6 10	14 44.26	− 6 1.0	1.950	2.806	13.4	21.1

159269 2005 YP_{203} 5 10.2 337.°34 4.°3/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.20	− 8 47.5	1.689	2.515	15.7	19.9
4 11	15 30.82	− 8 13.8	1.608	2.511	12.4	19.7
4 21	15 24.92	− 7 38.3	1.549	2.507	8.8	19.4
5 1	15 17.11	− 7 5.3	1.513	2.504	5.3	19.2
5 11	15 8.34	− 6 39.5	1.503	2.501	4.5	19.2
5 21	14 59.66	− 6 25.1	1.519	2.499	7.5	19.3
5 31	14 52.14	− 6 25.0	1.559	2.496	11.3	19.5
6 10	14 46.61	− 6 40.4	1.622	2.494	14.8	19.8

299261 2005 NM_{48} 5 10.2 244.°07 4.°4/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.55	− 4 21.5	2.611	3.413	11.5	21.2
4 11	15 29.38	− 3 44.4	2.514	3.400	9.2	21.0
4 21	15 23.48	− 3 8.1	2.440	3.386	6.8	20.8
5 1	15 16.28	− 2 36.2	2.394	3.372	4.8	20.6
5 11	15 8.42	− 2 12.2	2.375	3.358	4.7	20.6
5 21	15 0.56	− 1 58.9	2.384	3.344	6.5	20.7
5 31	14 53.40	− 1 58.1	2.420	3.329	9.1	20.8
6 10	14 47.52	− 2 10.6	2.480	3.313	11.6	21.0

401843 1999 VH_{88} 5 10.2 239.°09 0.°2/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.16	−18 4.2	4.036	4.816	8.1	23.1
4 11	15 25.38	−17 46.9	3.923	4.800	6.4	23.0
4 21	15 20.47	−17 25.2	3.834	4.785	4.4	22.8
5 1	15 14.73	−16 59.9	3.774	4.769	2.1	22.6
5 11	15 8.56	−16 32.7	3.743	4.753	0.3	22.4
5 21	15 2.40	−16 5.2	3.743	4.736	2.6	22.6
5 31	14 56.67	−15 39.3	3.772	4.720	4.9	22.8
6 10	14 51.76	−15 16.8	3.829	4.703	7.0	22.9

350976 2003 FY_{19} 5 10.2 337.°49 9.°3/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.28	+ 6 13.8	1.832	2.642	15.3	19.8
4 11	15 30.66	+ 6 54.4	1.754	2.630	13.0	19.6
4 21	15 24.71	+ 7 24.5	1.696	2.619	10.8	19.4
5 1	15 16.98	+ 7 37.6	1.661	2.609	9.4	19.3
5 11	15 8.35	+ 7 28.5	1.650	2.599	9.6	19.3
5 21	14 59.80	+ 6 54.8	1.663	2.590	11.3	19.4
5 31	14 52.29	+ 5 56.7	1.700	2.582	13.7	19.5
6 10	14 46.61	+ 4 37.2	1.757	2.574	16.3	19.7

134690 1999 XP_{61} 5 10.2 230.°48 0.°5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.70	−16 53.5	4.015	4.798	8.1	21.2
4 11	15 25.01	−16 34.4	3.906	4.787	6.3	21.0
4 21	15 20.20	−16 11.3	3.823	4.775	4.3	20.9
5 1	15 14.59	−15 45.4	3.768	4.764	2.1	20.7
5 11	15 8.58	−15 18.1	3.742	4.751	0.6	20.6
5 21	15 2.58	−14 51.3	3.747	4.739	2.7	20.7
5 31	14 57.02	−14 26.7	3.781	4.727	5.0	20.9
6 10	14 52.28	−14 6.1	3.842	4.714	7.0	21.0

323721 2005 JX_{51} 5 10.2 295.°38 1.°6/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.17	−16 25.7	1.532	2.356	17.1	20.8
4 11	15 31.45	−15 58.4	1.432	2.335	13.6	20.5
4 21	15 25.81	−15 21.0	1.351	2.313	9.4	20.2
5 1	15 17.75	−14 35.8	1.294	2.292	4.7	19.9
5 11	15 8.28	−13 47.0	1.262	2.270	1.9	19.6
5 21	14 58.64	−13 0.5	1.255	2.249	6.5	19.8
5 31	14 50.18	−12 22.4	1.272	2.228	11.6	20.1
6 10	14 43.99	−11 57.8	1.311	2.207	16.1	20.3

300011 2006 UC_{68} 5 10.2 131.°27 1.°8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.86	−11 58.9	2.706	3.500	11.3	21.3
4 11	15 30.21	−11 45.2	2.625	3.512	8.8	21.1
4 21	15 23.91	−11 29.2	2.568	3.522	6.0	21.0
5 1	15 16.44	−11 12.9	2.539	3.533	3.2	20.8
5 11	15 8.43	−10 58.3	2.538	3.543	2.0	20.7
5 21	15 0.55	−10 47.7	2.567	3.553	4.4	20.9
5 31	14 53.46	−10 42.9	2.624	3.562	7.2	21.1
6 10	14 47.68	−10 45.4	2.706	3.571	9.8	21.3

308409 2005 SY_{93} 5 10.2 212.°65 0.°3/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.59	−18 20.7	2.645	3.436	11.6	21.8
4 11	15 28.66	−18 1.8	2.548	3.432	9.2	21.6
4 21	15 22.99	−17 36.3	2.475	3.429	6.3	21.4
5 1	15 16.04	−17 5.6	2.429	3.425	3.0	21.2
5 11	15 8.46	−16 31.9	2.411	3.421	0.5	21.0
5 21	15 0.93	−15 57.9	2.422	3.416	3.8	21.2
5 31	14 54.16	−15 26.9	2.461	3.412	7.0	21.4
6 10	14 48.72	−15 1.8	2.526	3.407	9.8	21.6

305452 2008 CD_{214} 5 10.2 47.°83 5.°8/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.22	−31 52.8	2.108	2.856	15.5	20.0
4 11	15 35.50	−32 59.5	2.028	2.868	13.0	19.9
4 21	15 28.14	−33 53.8	1.969	2.880	10.2	19.7
5 1	15 18.72	−34 32.0	1.934	2.893	7.5	19.6
5 11	15 8.22	−34 52.0	1.925	2.905	5.8	19.5
5 21	14 57.78	−34 54.2	1.942	2.918	6.5	19.6
5 31	14 48.53	−34 41.8	1.987	2.931	8.7	19.7
6 10	14 41.36	−34 20.5	2.055	2.945	11.4	19.9

362618 2011 SD_{32} 5 10.2 158.°47 1.°5/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.70	−20 54.1	1.607	2.406	17.5	21.3
4 11	15 37.12	−21 15.1	1.524	2.410	14.1	21.0
4 21	15 29.48	−21 27.0	1.462	2.413	9.9	20.8
5 1	15 19.45	−21 28.9	1.423	2.416	5.2	20.5
5 11	15 8.16	−21 21.5	1.410	2.419	1.5	20.3
5 21	14 56.97	−21 7.3	1.423	2.421	5.3	20.5
5 31	14 47.22	−20 50.7	1.463	2.423	10.0	20.8
6 10	14 39.92	−20 37.0	1.526	2.424	14.1	21.0

500863 2013 JZ_{23} 5 10.2 69.°00 4.°1/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.17	− 9 43.4	1.420	2.249	18.0	21.3
4 11	15 34.31	− 9 17.6	1.352	2.257	14.2	21.0
4 21	15 27.47	− 8 49.9	1.303	2.264	9.9	20.8
5 1	15 18.39	− 8 24.4	1.278	2.271	5.7	20.6
5 11	15 8.26	− 8 6.2	1.277	2.279	4.3	20.5
5 21	14 58.38	− 7 59.1	1.301	2.286	7.8	20.7
5 31	14 50.02	− 8 6.0	1.350	2.294	12.1	21.0
6 10	14 44.07	− 8 28.0	1.419	2.302	16.0	21.2

246793 2009 DH_{110} 5 10.2 82.°39 3.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.37	−26 18.0	1.485	2.280	18.9	20.6
4 11	15 36.10	−26 22.9	1.420	2.299	15.3	20.4
4 21	15 28.68	−26 11.5	1.373	2.318	11.0	20.2
5 1	15 18.95	−25 42.9	1.349	2.337	6.4	20.0
5 11	15 8.21	−24 59.2	1.350	2.355	3.1	19.8
5 21	14 57.90	−24 5.3	1.377	2.374	5.5	20.0
5 31	14 49.32	−23 8.5	1.429	2.392	9.8	20.3
6 10	14 43.33	−22 16.2	1.504	2.410	13.8	20.6

189756 2002 AN_{53} 5 10.2 143.°93 12.°2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.40	+14 13.5	1.936	2.718	15.6	20.0
4 11	15 31.28	+15 48.2	1.882	2.721	13.9	19.8
4 21	15 24.95	+17 8.0	1.849	2.724	12.6	19.8
5 1	15 17.02	+18 4.7	1.838	2.726	12.2	19.7
5 11	15 8.38	+18 32.3	1.849	2.728	12.7	19.8
5 21	14 59.98	+18 28.1	1.882	2.730	14.0	19.9
5 31	14 52.69	+17 52.8	1.935	2.732	15.7	20.0
6 10	14 47.20	+16 50.3	2.006	2.734	17.4	20.1

154580 2003 HT_{55} 5 10.2 139.°41 0.°7/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.25	−17 53.8	1.912	2.716	15.0	21.4
4 11	15 32.14	−17 30.9	1.830	2.721	11.8	21.2
4 21	15 25.66	−16 59.6	1.770	2.726	8.1	21.0
5 1	15 17.42	−16 21.7	1.734	2.731	3.9	20.7
5 11	15 8.34	−15 40.6	1.726	2.735	0.9	20.5
5 21	14 59.44	−15 0.5	1.745	2.740	4.9	20.8
5 31	14 51.67	−14 25.7	1.791	2.744	9.0	21.1
6 10	14 45.80	−14 0.1	1.861	2.748	12.6	21.3

116453 2004 AV_{1} 5 10.2 70.°63 1.°8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.11	−16 57.6	1.967	2.775	14.5	19.5
4 11	15 30.12	−15 53.9	1.903	2.798	11.2	19.3
4 21	15 24.03	−14 41.5	1.862	2.820	7.6	19.1
5 1	15 16.51	−13 24.4	1.846	2.843	3.7	18.9
5 11	15 8.43	−12 8.1	1.859	2.865	2.0	18.9
5 21	15 0.70	−10 58.0	1.899	2.887	5.3	19.1
5 31	14 54.12	− 9 59.0	1.966	2.910	8.9	19.4
6 10	14 49.29	− 9 14.5	2.057	2.932	12.1	19.6

250760 2005 SR_{220} 5 10.2 220.°43 3.°4/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.41	−30 41.8	2.729	3.476	12.4	21.1
4 11	15 30.26	−30 48.1	2.626	3.471	10.2	21.0
4 21	15 24.18	−30 42.5	2.544	3.465	7.8	20.8
5 1	15 16.67	−30 23.8	2.488	3.459	5.2	20.6
5 11	15 8.42	−29 52.6	2.459	3.453	3.5	20.5
5 21	15 0.20	−29 10.8	2.458	3.446	4.3	20.5
5 31	14 52.82	−28 22.1	2.486	3.440	6.7	20.7
6 10	14 46.90	−27 31.2	2.539	3.433	9.4	20.8

162300 1999 VY_{180} 5 10.2 97.°76 9.°6/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.88	− 8 34.1	1.129	1.977	20.4	19.1
4 11	15 33.68	− 5 22.5	1.075	1.988	16.2	18.8
4 21	15 27.14	− 2 0.3	1.042	2.000	12.1	18.6
5 1	15 18.20	+ 1 15.3	1.034	2.011	9.7	18.5
5 11	15 8.30	+ 4 5.8	1.050	2.022	10.8	18.6
5 21	14 58.92	+ 6 17.4	1.090	2.033	14.2	18.8
5 31	14 51.40	+ 7 43.4	1.151	2.044	18.0	19.1
6 10	14 46.59	+ 8 25.3	1.229	2.054	21.5	19.4

300042 2006 UY_{135} 5 10.2 9.°59 2.°3/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.95	−15 27.7	1.819	2.642	14.8	20.1
4 11	15 27.28	−14 30.7	1.741	2.644	11.6	19.9
4 21	15 22.37	−13 24.9	1.684	2.646	7.9	19.7
5 1	15 15.83	−12 14.4	1.652	2.649	4.0	19.5
5 11	15 8.52	−11 4.8	1.647	2.653	2.6	19.4
5 21	15 1.38	−10 1.8	1.668	2.657	6.0	19.6
5 31	14 55.32	− 9 10.6	1.715	2.661	9.8	19.8
6 10	14 51.03	− 8 34.8	1.785	2.666	13.3	20.1

145761 1997 ES_{24} 5 10.2 202.°33 4.°1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.64	− 5 1.2	2.713	3.515	11.1	21.2
4 11	15 28.54	− 4 20.2	2.625	3.512	8.8	21.0
4 21	15 22.83	− 3 39.8	2.562	3.509	6.4	20.9
5 1	15 15.95	− 3 3.3	2.525	3.505	4.5	20.7
5 11	15 8.51	− 2 34.1	2.516	3.501	4.4	20.7
5 21	15 1.13	− 2 14.9	2.536	3.496	6.2	20.8
5 31	14 54.47	− 2 7.7	2.583	3.491	8.6	21.0
6 10	14 49.03	− 2 13.1	2.653	3.486	10.9	21.1

315455 2007 XY_{20} 5 10.2 160.°95 0.°6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.43	−17 38.2	1.917	2.715	15.2	21.7
4 11	15 34.65	−17 22.6	1.833	2.721	12.0	21.5
4 21	15 27.40	−16 59.1	1.771	2.726	8.2	21.3
5 1	15 18.30	−16 29.3	1.735	2.731	4.0	21.0
5 11	15 8.31	−15 56.0	1.725	2.735	0.8	20.8
5 21	14 58.48	−15 23.0	1.744	2.738	5.0	21.1
5 31	14 49.83	−14 54.5	1.790	2.741	9.1	21.4
6 10	14 43.16	−14 34.3	1.860	2.743	12.7	21.6

157636 2005 WT_{202} 5 10.2 98.°25 6.°9/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.23	+ 0 21.4	1.901	2.708	14.9	20.0
4 11	15 33.41	+ 1 0.9	1.838	2.721	12.1	19.8
4 21	15 26.35	+ 1 34.2	1.796	2.734	9.3	19.7
5 1	15 17.70	+ 1 56.2	1.779	2.747	7.3	19.6
5 11	15 8.37	+ 2 2.5	1.789	2.760	7.2	19.6
5 21	14 59.32	+ 1 50.9	1.824	2.772	9.0	19.7
5 31	14 51.44	+ 1 21.0	1.885	2.785	11.7	19.9
6 10	14 45.40	+ 0 34.4	1.968	2.797	14.3	20.1

131000 2000 WL_{178} 5 10.2 141.°73 4.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.98	−33 20.2	2.095	2.844	15.6	19.7
4 11	15 32.82	−33 15.2	2.006	2.849	13.0	19.5
4 21	15 26.18	−32 52.3	1.936	2.854	10.0	19.4
5 1	15 17.71	−32 10.0	1.890	2.858	6.9	19.2
5 11	15 8.37	−31 9.3	1.870	2.862	4.7	19.0
5 21	14 59.24	−29 54.0	1.877	2.866	5.4	19.1
5 31	14 51.35	−28 30.6	1.912	2.870	8.2	19.3
6 10	14 45.47	−27 6.6	1.972	2.873	11.3	19.5

364739 2007 VQ_{218} 5 10.2 284.°40 2.°1/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.42	−24 47.3	1.521	2.327	18.1	20.9
4 11	15 32.61	−24 37.9	1.424	2.312	14.7	20.6
4 21	15 26.69	−24 12.0	1.345	2.296	10.6	20.3
5 1	15 18.22	−23 28.9	1.288	2.280	5.9	20.0
5 11	15 8.31	−22 30.7	1.256	2.264	2.1	19.7
5 21	14 58.32	−21 22.4	1.250	2.248	5.6	19.9
5 31	14 49.67	−20 11.9	1.268	2.233	10.6	20.1
6 10	14 43.47	−19 7.8	1.308	2.217	15.3	20.4

395607 2011 UT_{349} 5 10.2 170.°78 2.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.11	−25 38.2	2.588	3.353	12.5	21.8
4 11	15 31.59	−25 57.2	2.493	3.355	10.1	21.7
4 21	15 25.11	−26 7.3	2.421	3.356	7.4	21.5
5 1	15 17.14	−26 7.6	2.374	3.358	4.5	21.3
5 11	15 8.42	−25 58.6	2.356	3.358	2.4	21.2
5 21	14 59.74	−25 41.8	2.366	3.359	3.9	21.3
5 31	14 51.90	−25 20.1	2.404	3.360	6.8	21.4
6 10	14 45.57	−24 57.3	2.468	3.360	9.7	21.6

265016 2003 GS_{24} 5 10.2 100.°43 3.°2/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.76	−11 13.4	1.853	2.666	15.0	21.2
4 11	15 32.42	−10 37.4	1.784	2.680	11.8	21.0
4 21	15 25.76	− 9 58.1	1.737	2.694	8.1	20.8
5 1	15 17.44	− 9 19.0	1.714	2.708	4.5	20.6
5 11	15 8.40	− 8 44.5	1.719	2.721	3.4	20.6
5 21	14 59.62	− 8 18.4	1.751	2.734	6.3	20.8
5 31	14 52.03	− 8 3.9	1.809	2.747	9.9	21.0
6 10	14 46.33	− 8 2.6	1.890	2.760	13.2	21.3

475618 2006 UF_{168} 5 10.2 282.°29 0.°4/10.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.06	−18 34.2	2.192	2.986	13.6	21.3
4 11	15 31.92	−18 48.6	2.092	2.976	10.8	21.1
4 21	15 25.55	−18 57.4	2.014	2.966	7.5	20.8
5 1	15 17.45	−19 0.8	1.962	2.957	3.8	20.6
5 11	15 8.39	−18 59.7	1.937	2.947	0.5	20.3
5 21	14 59.28	−18 55.9	1.940	2.937	4.3	20.6
5 31	14 51.06	−18 52.1	1.971	2.927	8.1	20.8
6 10	14 44.51	−18 51.2	2.027	2.917	11.5	21.0

155180 2005 UF_{289} 5 10.2 236.°77 1.°8/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.31	−24 55.2	2.531	3.306	12.5	20.6
4 11	15 29.43	−24 53.4	2.433	3.302	10.1	20.4
4 21	15 23.65	−24 41.8	2.358	3.299	7.2	20.2
5 1	15 16.43	−24 20.2	2.308	3.295	4.2	20.0
5 11	15 8.49	−23 50.0	2.285	3.292	1.8	19.8
5 21	15 0.60	−23 13.7	2.292	3.288	3.8	19.9
5 31	14 53.53	−22 34.8	2.326	3.284	6.9	20.1
6 10	14 47.94	−21 57.5	2.385	3.280	9.8	20.3

62873 2000 UK_{87} 5 10.2 295.°17 3.°0/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.96	−15 11.7	1.731	2.553	15.5	19.5
4 11	15 29.19	−14 3.2	1.633	2.536	12.3	19.2
4 21	15 23.93	−12 43.1	1.558	2.520	8.4	19.0
5 1	15 16.72	−11 15.7	1.507	2.503	4.5	18.7
5 11	15 8.45	− 9 47.5	1.482	2.486	3.3	18.6
5 21	15 0.19	− 8 25.9	1.484	2.469	6.9	18.7
5 31	14 53.00	− 7 18.0	1.511	2.453	11.2	18.9
6 10	14 47.74	− 6 28.7	1.561	2.437	15.1	19.1

297642 2001 TP_{157} 5 10.2 232.°47 1.°4/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.47	−15 56.0	2.443	3.243	12.2	21.1
4 11	15 28.70	−15 16.0	2.346	3.236	9.6	20.9
4 21	15 23.11	−14 29.0	2.273	3.229	6.5	20.7
5 1	15 16.15	−13 37.6	2.226	3.222	3.2	20.5
5 11	15 8.51	−12 45.2	2.207	3.214	1.6	20.4
5 21	15 0.94	−11 55.7	2.217	3.207	4.6	20.6
5 31	14 54.16	−11 12.8	2.255	3.199	7.9	20.8
6 10	14 48.79	−10 39.6	2.318	3.191	10.9	20.9

259981 2004 FM_{42} 5 10.2 55.°56 1.°2/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.22	−16 49.3	1.454	2.278	17.9	21.1
4 11	15 32.72	−16 26.5	1.388	2.291	14.0	20.9
4 21	15 26.34	−15 54.8	1.343	2.304	9.5	20.7
5 1	15 17.83	−15 16.8	1.320	2.317	4.6	20.4
5 11	15 8.37	−14 37.1	1.322	2.331	1.5	20.2
5 21	14 59.25	−14 0.7	1.350	2.345	6.0	20.6
5 31	14 51.63	−13 32.6	1.403	2.359	10.6	20.9
6 10	14 46.37	−13 16.7	1.477	2.374	14.6	21.1

347094 2010 GA_{136} 5 10.2 294.°09 3.°5/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.61	−11 51.2	2.040	2.857	13.7	21.2
4 11	15 28.35	−10 45.5	1.953	2.853	10.7	21.0
4 21	15 23.01	− 9 33.6	1.889	2.848	7.4	20.8
5 1	15 16.14	− 8 19.9	1.851	2.843	4.4	20.6
5 11	15 8.52	− 7 10.1	1.840	2.839	3.8	20.5
5 21	15 1.00	− 6 9.5	1.857	2.834	6.6	20.7
5 31	14 54.42	− 5 22.6	1.899	2.829	10.0	20.9
6 10	14 49.47	− 4 52.1	1.964	2.825	13.1	21.1

59269 1999 CL_{36} 5 10.2 299.°04 4.°3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.79	− 9 36.6	1.348	2.183	18.4	18.5
4 11	15 33.91	− 9 19.0	1.254	2.162	14.8	18.2
4 21	15 27.76	− 8 59.3	1.180	2.142	10.5	17.9
5 1	15 18.84	− 8 41.6	1.127	2.122	6.0	17.6
5 11	15 8.26	− 8 31.1	1.099	2.102	4.5	17.4
5 21	14 57.44	− 8 32.1	1.094	2.082	8.4	17.6
5 31	14 47.92	− 8 48.4	1.113	2.062	13.5	17.8
6 10	14 40.95	− 9 21.4	1.151	2.043	18.2	18.0

167712 2004 TB_{205} 5 10.2 213.°79 0.°7/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.44	−19 34.1	1.558	2.367	17.6	20.6
4 11	15 35.46	−19 42.2	1.473	2.365	14.1	20.3
4 21	15 28.44	−19 41.2	1.407	2.363	9.8	20.0
5 1	15 19.00	−19 31.0	1.365	2.360	5.0	19.8
5 11	15 8.27	−19 13.5	1.348	2.357	0.7	19.4
5 21	14 57.58	−18 51.9	1.357	2.355	5.5	19.8
5 31	14 48.29	−18 31.0	1.392	2.352	10.3	20.0
6 10	14 41.42	−18 15.9	1.449	2.348	14.6	20.3

55265 2001 RF_{130} 5 10.2 113.°46 4.°6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.69	− 5 46.2	2.353	3.163	12.3	19.8
4 11	15 28.73	− 4 46.1	2.282	3.173	9.8	19.6
4 21	15 23.01	− 3 45.9	2.234	3.184	7.1	19.5
5 1	15 16.05	− 2 50.1	2.213	3.194	5.0	19.4
5 11	15 8.54	− 2 3.1	2.220	3.204	4.9	19.4
5 21	15 1.22	− 1 28.4	2.254	3.213	6.9	19.5
5 31	14 54.76	− 1 8.4	2.315	3.223	9.5	19.7
6 10	14 49.72	− 1 3.7	2.398	3.232	11.9	19.9

410383 2007 VO_{268} 5 10.2 175.°58 1.°3/ 9.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.99	−16 23.9	2.016	2.814	14.5	23.1
4 11	15 34.18	−15 54.7	1.929	2.817	11.5	22.9
4 21	15 27.02	−15 17.9	1.864	2.819	7.8	22.7
5 1	15 18.12	−14 35.7	1.825	2.821	3.8	22.4
5 11	15 8.36	−13 51.7	1.813	2.822	1.5	22.2
5 21	14 58.75	−13 10.0	1.830	2.822	5.2	22.5
5 31	14 50.24	−12 34.9	1.875	2.821	9.1	22.7
6 10	14 43.58	−12 10.0	1.943	2.820	12.6	22.9

208466 2001 UW_{71} 5 10.2 305.°32 0.°2/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.38	−19 28.9	2.018	2.823	14.3	20.5
4 11	15 29.17	−19 6.2	1.921	2.812	11.3	20.3
4 21	15 23.73	−18 33.9	1.846	2.802	7.8	20.0
5 1	15 16.56	−17 53.4	1.796	2.793	3.8	19.8
5 11	15 8.49	−17 7.7	1.773	2.783	0.4	19.5
5 21	15 0.46	−16 21.1	1.777	2.773	4.6	19.8
5 31	14 53.39	−15 38.1	1.808	2.764	8.7	20.0
6 10	14 48.04	−15 3.2	1.862	2.755	12.3	20.2

505395 2013 QC_4 5 10.2 322.°44 1.°5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.44	−21 59.1	1.338	2.165	19.0	21.4
4 11	15 30.61	−22 1.8	1.247	2.149	15.3	21.1
4 21	15 25.52	−21 50.8	1.174	2.133	10.9	20.8
5 1	15 17.74	−21 25.7	1.122	2.118	5.8	20.4
5 11	15 8.38	−20 48.7	1.094	2.103	1.5	20.1
5 21	14 58.91	−20 4.5	1.089	2.089	6.0	20.4
5 31	14 50.84	−19 19.9	1.108	2.076	11.4	20.6
6 10	14 45.39	−18 42.4	1.147	2.064	16.3	20.8

83372 2001 SP_5 5 10.2 289.°31 1.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.42	−23 9.9	2.128	2.917	14.2	20.0
4 11	15 30.73	−23 14.4	2.031	2.910	11.4	19.8
4 21	15 24.78	−23 9.0	1.956	2.903	8.1	19.5
5 1	15 17.08	−22 53.7	1.905	2.895	4.5	19.3
5 11	15 8.45	−22 29.6	1.881	2.888	1.6	19.1
5 21	14 59.84	−21 59.4	1.884	2.881	4.3	19.3
5 31	14 52.18	−21 27.1	1.915	2.874	8.0	19.5
6 10	14 46.27	−20 57.2	1.970	2.867	11.4	19.7

309094 2006 VW_{138} 5 10.2 299.°23 2.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.10	−11 32.6	2.077	2.887	13.7	20.9
4 11	15 31.27	−11 28.6	1.974	2.868	10.9	20.6
4 21	15 25.19	−11 22.6	1.892	2.849	7.6	20.4
5 1	15 17.32	−11 16.8	1.836	2.831	4.0	20.1
5 11	15 8.44	−11 13.4	1.807	2.812	2.4	20.0
5 21	14 59.46	−11 15.1	1.805	2.794	5.5	20.2
5 31	14 51.33	−11 24.0	1.830	2.775	9.3	20.3
6 10	14 44.86	−11 42.0	1.879	2.757	12.8	20.5

352561 2008 CW_{214} 5 10.2 312.°26 5.°4/14.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.90	−34 28.4	2.278	3.019	14.7	20.7
4 11	15 31.25	−34 55.0	2.179	3.013	12.4	20.5
4 21	15 25.21	−35 6.7	2.100	3.007	9.9	20.3
5 1	15 17.33	−35 0.9	2.044	3.001	7.3	20.2
5 11	15 8.46	−34 36.9	2.014	2.995	5.6	20.1
5 21	14 59.61	−33 56.3	2.011	2.990	6.0	20.1
5 31	14 51.79	−33 3.4	2.034	2.984	8.2	20.2
6 10	14 45.82	−32 4.4	2.081	2.979	10.9	20.3

156517 2002 CQ_{216} 5 10.2 289.°66 3.°4/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.43	−11 37.7	1.804	2.625	15.0	19.9
4 11	15 30.22	−10 54.7	1.710	2.611	11.9	19.7
4 21	15 24.58	−10 6.2	1.637	2.597	8.3	19.4
5 1	15 17.04	− 9 15.9	1.589	2.583	4.7	19.2
5 11	15 8.49	− 8 29.1	1.567	2.569	3.7	19.1
5 21	14 59.92	− 7 50.6	1.572	2.555	6.9	19.2
5 31	14 52.38	− 7 25.0	1.602	2.542	10.8	19.4
6 10	14 46.70	− 7 15.0	1.654	2.528	14.5	19.6

15283 1991 RB_8 5 10.2 120.°50 0.°8/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.00	−20 2.6	1.564	2.366	17.8	17.8
4 11	15 37.28	−20 11.8	1.490	2.378	14.2	17.6
4 21	15 29.52	−20 11.5	1.436	2.389	9.8	17.3
5 1	15 19.46	−20 1.5	1.405	2.400	5.0	17.1
5 11	15 8.30	−19 43.8	1.401	2.410	0.9	16.8
5 21	14 57.38	−19 21.6	1.423	2.420	5.3	17.1
5 31	14 48.00	−18 59.8	1.471	2.430	10.0	17.4
6 10	14 41.10	−18 43.2	1.542	2.439	14.1	17.7

4752 Myron 5 10.2 159.°55 0.°1/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.10	−18 42.6	2.779	3.564	11.3	18.5
4 11	15 29.71	−18 30.0	2.689	3.569	8.9	18.3
4 21	15 23.66	−18 11.3	2.623	3.574	6.1	18.1
5 1	15 16.40	−17 47.6	2.583	3.578	3.0	17.9
5 11	15 8.56	−17 20.7	2.572	3.582	0.3	17.7
5 21	15 0.83	−16 53.1	2.591	3.586	3.5	18.0
5 31	14 53.84	−16 27.5	2.639	3.589	6.6	18.2
6 10	14 48.16	−16 6.7	2.712	3.592	9.3	18.4

169880 2002 RG_{143} 5 10.2 233.°19 0.°1/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.48	−19 12.9	2.294	3.087	13.1	20.9
4 11	15 30.51	−18 55.0	2.195	3.080	10.4	20.7
4 21	15 24.48	−18 29.0	2.119	3.072	7.2	20.5
5 1	15 16.90	−17 56.0	2.068	3.064	3.5	20.2
5 11	15 8.52	−17 18.5	2.045	3.055	0.3	20.0
5 21	15 0.16	−16 39.9	2.051	3.047	4.2	20.3
5 31	14 52.68	−16 3.9	2.085	3.038	7.9	20.5
6 10	14 46.76	−15 34.4	2.143	3.029	11.2	20.7

486686 2013 TD_{117} 5 10.2 186.°16 0.°5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.91	−22 3.8	4.754	5.523	7.1	22.2
4 11	15 22.71	−21 48.5	4.653	5.523	5.6	22.1
4 21	15 18.59	−21 28.4	4.578	5.523	3.9	22.0
5 1	15 13.84	−21 4.1	4.530	5.522	2.0	21.8
5 11	15 8.78	−20 36.7	4.513	5.522	0.5	21.7
5 21	15 3.77	−20 7.6	4.525	5.521	2.1	21.8
5 31	14 59.15	−19 38.6	4.566	5.520	3.9	22.0
6 10	14 55.21	−19 11.3	4.635	5.520	5.7	22.1

396652 2002 GU_{189} 5 10.2 52.°98 3.°5/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.80	− 9 49.7	2.370	3.182	12.2	21.5
4 11	15 27.35	− 8 54.2	2.289	3.185	9.5	21.3
4 21	15 22.15	− 7 55.6	2.231	3.187	6.7	21.2
5 1	15 15.68	− 6 57.7	2.200	3.190	4.1	21.0
5 11	15 8.63	− 6 4.9	2.197	3.192	3.7	21.0
5 21	15 1.70	− 5 21.1	2.221	3.195	6.0	21.1
5 31	14 55.59	− 4 49.4	2.273	3.197	8.8	21.3
6 10	14 50.86	− 4 31.5	2.347	3.200	11.5	21.5

508531 2016 RG_{33} 5 10.2 210.°69 5.°5/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.38	−34 46.7	2.595	3.320	13.5	21.8
4 11	15 33.73	−35 32.1	2.496	3.317	11.5	21.6
4 21	15 26.80	−36 5.2	2.417	3.314	9.2	21.4
5 1	15 18.09	−36 23.0	2.363	3.311	7.0	21.3
5 11	15 8.41	−36 24.2	2.335	3.308	5.6	21.2
5 21	14 58.69	−36 9.2	2.334	3.305	5.9	21.2
5 31	14 49.88	−35 41.0	2.361	3.301	7.8	21.3
6 10	14 42.78	−35 4.5	2.413	3.298	10.1	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
214249	2005 EQ_{283}		5 10.2	100.°11	3.°7/ 8.4	18
	h m	° ′			°	m
4 1	15 38.97	− 9 51.2	1.569	2.390	16.9	20.2
4 11	15 34.67	− 9 27.8	1.499	2.398	13.4	20.0
4 21	15 27.61	− 9 2.6	1.448	2.407	9.3	19.7
5 1	15 18.49	− 8 39.2	1.422	2.415	5.3	19.5
5 11	15 8.40	− 8 22.1	1.422	2.423	4.0	19.4
5 21	14 58.55	− 8 14.8	1.447	2.432	7.2	19.7
5 31	14 50.09	− 8 20.0	1.498	2.439	11.3	19.9
6 10	14 43.88	− 8 38.8	1.570	2.447	15.0	20.2
205710	2002 AY_{53}		5 10.2	133.°77	2.°9/ 8.6	16
4 1	15 38.67	−12 58.3	1.599	2.417	16.8	21.0
4 11	15 34.43	−12 22.4	1.526	2.425	13.2	20.8
4 21	15 27.44	−11 40.6	1.473	2.432	9.1	20.6
5 1	15 18.40	−10 56.8	1.444	2.439	4.8	20.3
5 11	15 8.41	−10 15.9	1.441	2.446	3.2	20.3
5 21	14 58.65	− 9 42.7	1.465	2.452	6.8	20.5
5 31	14 50.27	− 9 21.5	1.514	2.458	11.0	20.7
6 10	14 44.11	− 9 14.9	1.585	2.463	14.8	21.0
213028	1996 VN_9		5 10.2	129.°64	3.°2/ 7.8	18
4 1	15 34.52	− 8 11.7	2.498	3.300	11.9	20.8
4 11	15 30.10	− 7 44.4	2.420	3.309	9.4	20.6
4 21	15 23.94	− 7 16.6	2.366	3.318	6.6	20.5
5 1	15 16.54	− 6 51.1	2.338	3.327	4.0	20.3
5 11	15 8.58	− 6 30.9	2.339	3.335	3.4	20.3
5 21	15 0.76	− 6 18.5	2.368	3.343	5.5	20.4
5 31	14 53.77	− 6 15.7	2.425	3.351	8.3	20.6
6 10	14 48.16	− 6 23.6	2.506	3.359	10.9	20.8
5571	Lesliegreen		5 10.2	96.°21	3.°6/13.1	18
4 1	15 34.92	−30 24.9	2.275	3.035	14.2	17.0
4 11	15 30.97	−30 25.4	2.188	3.041	11.7	16.8
4 21	15 24.82	−30 11.7	2.121	3.047	8.8	16.6
5 1	15 17.06	−29 42.7	2.078	3.053	5.8	16.5
5 11	15 8.53	−28 59.7	2.062	3.059	3.7	16.3
5 21	15 0.16	−28 5.7	2.074	3.065	4.6	16.4
5 31	14 52.85	−27 5.6	2.113	3.071	7.5	16.6
6 10	14 47.28	−26 5.1	2.178	3.077	10.4	16.8
106528	2000 WA_{57}		5 10.2	274.°08	3.°0/ 8.3	18
4 1	15 35.44	− 8 28.0	2.433	3.235	12.2	19.6
4 11	15 31.14	− 8 16.3	2.327	3.216	9.7	19.4
4 21	15 24.89	− 8 4.4	2.244	3.197	6.8	19.2
5 1	15 17.13	− 7 54.6	2.188	3.178	4.0	19.0
5 11	15 8.52	− 7 49.5	2.159	3.158	3.2	18.9
5 21	14 59.84	− 7 51.4	2.159	3.139	5.6	19.0
5 31	14 51.89	− 8 2.2	2.186	3.119	8.7	19.2
6 10	14 45.34	− 8 22.9	2.238	3.099	11.7	19.3
292138	2006 RN_{81}		5 10.2	228.°72	2.°8/11.7	17
4 1	15 39.82	−24 58.9	1.871	2.653	16.1	21.4
4 11	15 35.47	−25 19.1	1.773	2.645	13.1	21.2
4 21	15 28.34	−25 28.2	1.695	2.637	9.5	21.0
5 1	15 18.97	−25 24.5	1.641	2.628	5.6	20.7
5 11	15 8.36	−25 8.1	1.614	2.619	2.8	20.5
5 21	14 57.68	−24 41.1	1.614	2.609	5.1	20.6
5 31	14 48.17	−24 8.1	1.640	2.599	9.1	20.9
6 10	14 40.80	−23 35.0	1.690	2.588	13.0	21.1
476383	2008 CQ_{68}		5 10.2	261.°11	6.°3/15.0	18
4 1	15 37.12	−37 40.1	2.445	3.162	14.4	21.4
4 11	15 33.00	−38 13.2	2.338	3.150	12.4	21.2
4 21	15 26.45	−38 31.0	2.250	3.138	10.2	21.0
5 1	15 17.98	−38 30.3	2.186	3.126	7.9	20.8
5 11	15 8.44	−38 9.5	2.147	3.114	6.5	20.7
5 21	14 58.86	−37 29.6	2.134	3.101	6.7	20.7
5 31	14 50.27	−36 34.6	2.148	3.089	8.4	20.8
6 10	14 43.54	−35 30.4	2.187	3.076	10.8	20.9
333597	2007 FU_{16}		5 10.2	335.°04	10.°1/ 3.3	17
4 1	15 25.92	− 2 16.3	1.233	2.093	18.2	19.6
4 11	15 25.28	− 0 27.9	1.155	2.071	15.1	19.3
4 21	15 21.74	+ 1 23.0	1.095	2.050	12.0	19.1
5 1	15 15.83	+ 3 5.1	1.057	2.030	10.2	18.9
5 11	15 8.62	+ 4 26.0	1.041	2.012	11.0	18.9
5 21	15 1.37	+ 5 16.3	1.045	1.995	13.9	19.0
5 31	14 55.41	+ 5 30.4	1.069	1.980	17.6	19.2
6 10	14 51.77	+ 5 8.6	1.109	1.966	21.3	19.3
369879	2012 LR_{10}		5 10.2	128.°69	7.°4/ 4.3	17
4 1	15 34.01	− 2 17.6	1.863	2.682	14.7	20.9
4 11	15 30.26	− 0 38.0	1.796	2.688	11.9	20.7
4 21	15 24.32	+ 1 0.5	1.752	2.694	9.2	20.6
5 1	15 16.79	+ 2 30.4	1.734	2.700	7.5	20.5
5 11	15 8.56	+ 3 44.2	1.741	2.706	7.9	20.5
5 21	15 0.54	+ 4 36.5	1.775	2.711	10.0	20.7
5 31	14 53.62	+ 5 4.5	1.832	2.717	12.7	20.8
6 10	14 48.47	+ 5 8.5	1.910	2.722	15.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
499182	2009 SG_{212}		5 10.2	190.°38	3.°2/ 7.6	17
	h m	° ′			°	m
4 1	15 35.17	−12 3.2	2.198	3.003	13.2	22.3
4 11	15 30.95	−11 0.9	2.110	3.002	10.4	22.1
4 21	15 24.71	− 9 52.8	2.045	3.001	7.2	21.9
5 1	15 16.99	− 8 42.9	2.007	2.999	4.1	21.7
5 11	15 8.54	− 7 36.2	1.997	2.996	3.5	21.6
5 21	15 0.21	− 6 37.5	2.015	2.993	6.1	21.8
5 31	14 52.82	− 5 51.2	2.061	2.989	9.4	22.0
6 10	14 47.02	− 5 19.8	2.130	2.985	12.5	22.2
355872	2008 UW_{361}		5 10.2	131.°83	5.°0/12.6	16
4 1	15 40.73	−28 30.4	1.443	2.234	19.6	21.3
4 11	15 37.01	−29 7.0	1.363	2.236	16.2	21.1
4 21	15 29.80	−29 27.7	1.301	2.238	12.2	20.9
5 1	15 19.80	−29 28.8	1.260	2.240	8.0	20.6
5 11	15 8.29	−29 9.1	1.243	2.242	5.1	20.5
5 21	14 56.89	−28 31.6	1.251	2.244	6.7	20.5
5 31	14 47.18	−27 42.8	1.284	2.246	10.8	20.8
6 10	14 40.30	−26 51.7	1.338	2.248	14.9	21.0
399404	2001 TL_{54}		5 10.2	212.°48	0.°5/10.5	17
4 1	15 40.51	−21 27.4	2.027	2.811	14.9	22.7
4 11	15 35.62	−21 5.9	1.925	2.803	12.0	22.5
4 21	15 28.21	−20 33.0	1.844	2.793	8.4	22.2
5 1	15 18.83	−19 49.4	1.788	2.782	4.2	22.0
5 11	15 8.39	−18 57.5	1.761	2.771	0.5	21.6
5 21	14 57.96	−18 1.5	1.762	2.758	4.7	21.9
5 31	14 48.61	−17 7.0	1.791	2.744	8.9	22.2
6 10	14 41.21	−16 19.4	1.844	2.729	12.7	22.4
108117	2001 GH_3		5 10.2	316.°06	16.°3/29.1	17
4 1	15 36.62	+19 5.3	1.528	2.310	19.1	18.6
4 11	15 33.05	+20 50.4	1.473	2.302	17.6	18.5
4 21	15 26.63	+22 14.1	1.437	2.294	16.6	18.4
5 1	15 18.06	+23 5.2	1.418	2.286	16.3	18.3
5 11	15 8.46	+23 15.6	1.419	2.279	17.0	18.3
5 21	14 59.09	+22 42.3	1.439	2.272	18.3	18.4
5 31	14 51.13	+21 27.4	1.475	2.265	20.0	18.5
6 10	14 45.45	+19 37.3	1.527	2.259	21.8	18.6
461599	2004 TV_{45}		5 10.2	195.°93	0.°8/ 9.7	16
4 1	15 38.89	−18 28.5	1.871	2.670	15.4	22.7
4 11	15 34.41	−17 55.6	1.780	2.668	12.2	22.5
4 21	15 27.38	−17 12.4	1.710	2.665	8.4	22.3
5 1	15 18.41	−16 20.9	1.665	2.661	4.1	22.0
5 11	15 8.44	−15 24.9	1.647	2.657	1.0	21.8
5 21	14 58.57	−14 29.4	1.658	2.651	5.3	22.0
5 31	14 49.88	−13 40.0	1.695	2.645	9.6	22.3
6 10	14 43.19	−13 1.2	1.756	2.639	13.4	22.5
105025	2000 KS_{30}		5 10.2	177.°60	2.°3/12.1	18
4 1	15 34.34	−27 24.3	2.358	3.127	13.5	19.5
4 11	15 30.39	−27 6.7	2.263	3.127	11.0	19.3
4 21	15 24.37	−26 35.8	2.191	3.128	8.0	19.1
5 1	15 16.84	−25 51.9	2.143	3.128	4.7	18.9
5 11	15 8.58	−24 56.8	2.123	3.128	2.3	18.8
5 21	15 0.45	−23 54.2	2.132	3.128	4.0	18.9
5 31	14 53.28	−22 49.0	2.169	3.128	7.2	19.1
6 10	14 47.74	−21 46.6	2.231	3.127	10.4	19.3
304515	2006 UO_{210}		5 10.2	275.°32	2.°0/11.7	17
4 1	15 33.97	−24 59.4	2.290	3.070	13.5	21.6
4 11	15 30.19	−24 59.6	2.196	3.068	10.9	21.4
4 21	15 24.31	−24 49.0	2.124	3.066	7.9	21.2
5 1	15 16.84	−24 27.7	2.076	3.064	4.5	21.0
5 11	15 8.57	−23 56.7	2.056	3.062	2.0	20.8
5 21	15 0.37	−23 19.0	2.064	3.060	4.1	21.0
5 31	14 53.10	−22 38.6	2.099	3.058	7.4	21.2
6 10	14 47.46	−21 59.9	2.159	3.056	10.6	21.4
118387	1999 JC_{15}		5 10.2	122.°81	11.°7/ 5.1	16
4 1	15 43.88	+15 11.7	1.933	2.695	16.3	19.5
4 11	15 37.87	+15 51.8	1.872	2.700	14.4	19.3
4 21	15 29.44	+16 14.4	1.830	2.706	12.7	19.2
5 1	15 19.27	+16 12.6	1.812	2.711	11.8	19.2
5 11	15 8.38	+15 41.9	1.817	2.716	11.9	19.2
5 21	14 57.82	+14 41.8	1.846	2.721	13.0	19.3
5 31	14 48.57	+13 14.6	1.899	2.726	14.8	19.4
6 10	14 41.34	+11 25.7	1.973	2.731	16.7	19.5
173124	1993 FX_{47}		5 10.2	64.°64	2.°3/ 8.9	18
4 1	15 36.63	−15 5.4	1.456	2.281	17.8	19.4
4 11	15 32.95	−14 25.5	1.394	2.298	13.9	19.2
4 21	15 26.44	−13 37.6	1.353	2.315	9.4	19.0
5 1	15 17.90	−12 45.7	1.336	2.333	4.7	18.8
5 11	15 8.50	−11 55.4	1.343	2.350	2.6	18.7
5 21	14 59.49	−11 12.4	1.376	2.367	6.5	19.0
5 31	14 52.00	−10 41.4	1.434	2.385	10.9	19.3
6 10	14 46.83	−10 25.6	1.514	2.402	14.8	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
243836	2000 UU_{71}		5 10.2	257.°66	0.°8/10.9	18
	h m	° ′			°	m
4 1	15 32.89	−22 41.1	2.518	3.301	12.4	20.0
4 11	15 29.14	−22 17.4	2.411	3.288	9.9	19.8
4 21	15 23.51	−21 43.6	2.326	3.274	6.9	19.6
5 1	15 16.43	−21 0.4	2.268	3.260	3.6	19.4
5 11	15 8.61	−20 10.1	2.237	3.247	0.8	19.1
5 21	15 0.81	−19 16.0	2.236	3.233	3.7	19.3
5 31	14 53.79	−18 22.3	2.262	3.218	7.2	19.5
6 10	14 48.20	−17 33.4	2.314	3.204	10.3	19.7
96712	1999 KH_4		5 10.2	4.°37	2.°2/ 9.6	18
4 1	15 34.87	−11 54.1	1.043	1.898	21.2	18.8
4 11	15 32.94	−12 15.9	0.977	1.896	16.8	18.5
4 21	15 27.30	−12 37.0	0.928	1.896	11.6	18.2
5 1	15 18.65	−12 59.3	0.899	1.898	5.9	17.9
5 11	15 8.42	−13 25.2	0.892	1.901	2.4	17.7
5 21	14 58.33	−13 56.4	0.908	1.905	7.5	18.0
5 31	14 50.08	−14 34.9	0.945	1.911	13.1	18.3
6 10	14 44.88	−15 21.8	1.001	1.918	18.0	18.7
472334	2015 AS_{224}		5 10.2	137.°42	4.°0/13.4	18
4 1	15 39.21	−31 59.2	2.170	2.918	15.1	20.9
4 11	15 34.40	−31 53.2	2.085	2.929	12.5	20.8
4 21	15 27.19	−31 30.7	2.020	2.941	9.5	20.6
5 1	15 18.22	−30 50.5	1.979	2.951	6.3	20.4
5 11	15 8.47	−29 53.9	1.966	2.961	4.1	20.3
5 21	14 58.98	−28 44.6	1.980	2.970	5.0	20.4
5 31	14 50.72	−27 28.6	2.023	2.979	7.9	20.6
6 10	14 44.42	−26 12.8	2.091	2.988	10.9	20.8
181484	2006 TH_{96}		5 10.2	134.°04	5.°2/14.6	18
4 1	15 38.85	−35 54.8	2.784	3.497	12.9	20.7
4 11	15 33.81	−36 30.4	2.695	3.508	10.9	20.6
4 21	15 26.68	−36 53.0	2.628	3.518	8.8	20.4
5 1	15 17.98	−37 0.1	2.584	3.528	6.7	20.3
5 11	15 8.50	−36 51.0	2.567	3.538	5.3	20.2
5 21	14 59.12	−36 26.8	2.578	3.547	5.6	20.3
5 31	14 50.68	−35 50.8	2.617	3.556	7.2	20.4
6 10	14 43.87	−35 7.6	2.682	3.564	9.3	20.5
162284	1999 VU_{77}		5 10.2	220.°97	0.°5/10.8	18
4 1	15 30.02	−20 59.8	4.239	5.007	8.0	21.4
4 11	15 26.05	−20 56.2	4.128	4.997	6.3	21.3
4 21	15 20.96	−20 48.0	4.042	4.987	4.4	21.1
5 1	15 15.06	−20 35.4	3.984	4.976	2.3	20.9
5 11	15 8.76	−20 19.6	3.956	4.965	0.5	20.8
5 21	15 2.45	−20 1.6	3.958	4.954	2.4	20.9
5 31	14 56.57	−19 43.3	3.990	4.943	4.5	21.1
6 10	14 51.49	−19 26.4	4.050	4.931	6.5	21.2
315401	2007 VU_{144}		5 10.2	215.°01	1.°8/ 9.2	17
4 1	15 39.57	−14 22.5	1.943	2.745	14.9	21.6
4 11	15 34.89	−14 3.1	1.847	2.737	11.8	21.3
4 21	15 27.72	−13 38.0	1.773	2.729	8.1	21.1
5 1	15 18.61	−13 9.4	1.724	2.720	4.1	20.8
5 11	15 8.45	−12 40.4	1.703	2.710	2.0	20.7
5 21	14 58.29	−12 14.6	1.709	2.700	5.6	20.9
5 31	14 49.19	−11 55.9	1.743	2.688	9.7	21.1
6 10	14 42.00	−11 47.4	1.800	2.676	13.4	21.3
355582	2008 CC_{111}		5 10.2	206.°88	2.°3/ 8.3	18
4 1	15 33.71	−11 6.5	2.764	3.561	11.0	21.9
4 11	15 29.43	−10 40.7	2.669	3.556	8.7	21.7
4 21	15 23.51	−10 12.5	2.597	3.551	6.0	21.5
5 1	15 16.39	− 9 44.1	2.553	3.545	3.3	21.3
5 11	15 8.65	− 9 18.1	2.537	3.539	2.4	21.2
5 21	15 0.96	− 8 57.1	2.551	3.533	4.7	21.4
5 31	14 53.97	− 8 43.5	2.593	3.526	7.5	21.5
6 10	14 48.22	− 8 38.7	2.659	3.519	10.1	21.7
143595	2003 FL_{62}		5 10.2	159.°45	4.°7/ 6.3	18
4 1	15 32.30	− 4 40.7	2.482	3.290	11.8	20.1
4 11	15 28.42	− 3 49.2	2.403	3.292	9.4	19.9
4 21	15 22.85	− 2 58.3	2.348	3.295	6.9	19.8
5 1	15 16.06	− 2 12.0	2.318	3.297	5.0	19.6
5 11	15 8.69	− 1 34.4	2.317	3.299	4.9	19.6
5 21	15 1.44	− 1 8.6	2.343	3.300	6.8	19.8
5 31	14 54.97	− 0 56.7	2.396	3.302	9.3	19.9
6 10	14 49.84	− 0 59.4	2.471	3.303	11.7	20.1
129594	1997 UP_{25}		5 10.2	192.°89	0.°4/10.0	16
4 1	15 40.09	−18 45.1	2.011	2.802	14.8	21.5
4 11	15 35.19	−18 24.4	1.917	2.801	11.7	21.3
4 21	15 27.85	−17 54.8	1.845	2.798	8.1	21.0
5 1	15 18.64	−17 17.5	1.799	2.794	4.0	20.8
5 11	15 8.47	−16 35.3	1.780	2.790	0.6	20.5
5 21	14 58.38	−15 52.2	1.790	2.785	4.8	20.8
5 31	14 49.38	−15 12.9	1.828	2.779	9.0	21.0
6 10	14 42.30	−14 41.6	1.890	2.772	12.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
309922	2009 FE_{33}		5 10.2	139.°07	1.°3/ 9.6	16
	h m	° ′			°	m
4 1	15 39.77	−15 51.7	1.663	2.472	16.6	21.7
4 11	15 35.29	−15 36.7	1.585	2.479	13.1	21.4
4 21	15 28.06	−15 14.6	1.529	2.487	9.0	21.2
5 1	15 18.77	−14 47.6	1.497	2.493	4.4	20.9
5 11	15 8.47	−14 19.0	1.491	2.500	1.5	20.8
5 21	14 58.37	−13 52.8	1.512	2.505	5.7	21.0
5 31	14 49.63	−13 33.4	1.559	2.511	10.1	21.3
6 10	14 43.11	−13 23.9	1.629	2.516	14.0	21.6
467615	2008 CZ_{51}		5 10.2	114.°42	0.°3/10.1	16
4 1	15 39.34	−18 54.2	1.781	2.581	16.0	22.2
4 11	15 34.68	−18 34.6	1.709	2.597	12.6	22.0
4 21	15 27.47	−18 5.7	1.657	2.612	8.6	21.8
5 1	15 18.40	−17 29.0	1.631	2.627	4.2	21.5
5 11	15 8.50	−16 48.0	1.631	2.641	0.5	21.3
5 21	14 58.90	−16 7.0	1.659	2.655	5.0	21.6
5 31	14 50.63	−15 30.9	1.714	2.668	9.2	21.9
6 10	14 44.45	−15 3.7	1.792	2.681	12.9	22.2
374399	2005 VA_{97}		5 10.2	193.°46	0.°6/10.6	17
4 1	15 36.58	−21 17.0	2.022	2.815	14.7	22.0
4 11	15 32.45	−21 1.5	1.931	2.813	11.7	21.8
4 21	15 25.97	−20 35.7	1.861	2.812	8.1	21.6
5 1	15 17.71	−20 0.4	1.816	2.810	4.1	21.3
5 11	15 8.55	−19 18.0	1.798	2.808	0.6	21.0
5 21	14 59.49	−18 32.4	1.809	2.806	4.5	21.3
5 31	14 51.49	−17 48.4	1.846	2.803	8.5	21.6
6 10	14 45.34	−17 10.7	1.908	2.800	12.1	21.8
225949	2002 BT_{29}		5 10.2	48.°52	5.°6/12.9	17
4 1	15 40.69	−29 16.4	1.639	2.416	18.2	19.7
4 11	15 36.54	−30 18.3	1.564	2.427	15.1	19.5
4 21	15 29.25	−31 6.6	1.509	2.438	11.5	19.3
5 1	15 19.47	−31 37.3	1.476	2.449	7.9	19.2
5 11	15 8.40	−31 48.2	1.469	2.461	5.7	19.0
5 21	14 57.48	−31 40.6	1.486	2.473	6.8	19.1
5 31	14 48.07	−31 18.9	1.529	2.485	9.9	19.3
6 10	14 41.23	−30 50.4	1.595	2.498	13.4	19.6
391754	2008 EU_4		5 10.2	124.°57	0.°5/10.6	18
4 1	15 35.50	−19 20.5	2.481	3.267	12.4	21.1
4 11	15 31.09	−19 28.5	2.393	3.272	9.8	20.9
4 21	15 24.78	−19 30.4	2.327	3.277	6.8	20.7
5 1	15 17.05	−19 26.7	2.288	3.282	3.4	20.5
5 11	15 8.61	−19 18.6	2.277	3.287	0.5	20.3
5 21	15 0.26	−19 8.0	2.295	3.291	3.7	20.5
5 31	14 52.76	−18 57.5	2.341	3.295	7.0	20.8
6 10	14 46.74	−18 49.8	2.412	3.300	10.0	21.0
172797	2004 FN_{103}		5 10.2	44.°18	1.°1/ 9.5	17 R
4 1	15 33.14	−16 33.0	2.090	2.897	13.8	20.6
4 11	15 29.55	−16 7.7	2.006	2.900	10.8	20.4
4 21	15 23.86	−15 35.4	1.945	2.903	7.4	20.2
5 1	15 16.63	−14 58.4	1.909	2.906	3.6	20.0
5 11	15 8.66	−14 19.9	1.900	2.909	1.3	19.8
5 21	15 0.81	−13 43.6	1.919	2.912	4.8	20.0
5 31	14 53.95	−13 13.5	1.965	2.916	8.4	20.3
6 10	14 48.73	−12 52.4	2.035	2.919	11.7	20.5
317704	2003 QJ_8		5 10.2	212.°45	1.°3/11.1	17
4 1	15 38.10	−23 38.2	1.809	2.601	16.2	21.3
4 11	15 34.04	−23 20.5	1.715	2.596	13.0	21.1
4 21	15 27.29	−22 49.0	1.642	2.590	9.2	20.9
5 1	15 18.44	−22 3.9	1.592	2.585	4.9	20.6
5 11	15 8.50	−21 8.0	1.569	2.578	1.3	20.3
5 21	14 58.63	−20 5.7	1.574	2.571	4.9	20.5
5 31	14 49.99	−19 3.7	1.605	2.564	9.3	20.8
6 10	14 43.48	−18 8.1	1.660	2.556	13.3	21.0
335813	2007 JZ_{11}		5 10.2	337.°72	8.°4/ 5.9	17
4 1	15 35.76	+ 1 56.4	1.685	2.503	16.1	20.3
4 11	15 32.03	+ 2 44.0	1.611	2.499	13.3	20.1
4 21	15 25.79	+ 3 24.3	1.558	2.495	10.6	19.9
5 1	15 17.65	+ 3 50.6	1.528	2.491	8.7	19.8
5 11	15 8.57	+ 3 57.4	1.522	2.488	8.7	19.8
5 21	14 59.62	+ 3 41.5	1.541	2.485	10.7	19.9
5 31	14 51.85	+ 3 2.3	1.583	2.483	13.5	20.1
6 10	14 46.06	+ 2 2.2	1.646	2.481	16.4	20.2
314153	2005 EH_{273}		5 10.2	147.°47	0.°6/ 9.8	16
4 1	15 39.38	−18 16.0	1.916	2.712	15.2	22.2
4 11	15 34.59	−17 51.0	1.836	2.722	12.0	22.0
4 21	15 27.37	−17 17.1	1.777	2.731	8.2	21.8
5 1	15 18.36	−16 36.1	1.744	2.740	4.0	21.6
5 11	15 8.52	−15 51.6	1.738	2.748	0.8	21.3
5 21	14 58.89	−15 7.6	1.761	2.755	4.9	21.6
5 31	14 50.48	−14 29.1	1.811	2.762	9.0	21.9
6 10	14 44.03	−13 59.8	1.884	2.767	12.6	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
381525	2008 SE_{227}		5 10.2	211.°47	2.°5/11.9	17
	h m	° ′			°	m
4 1	15 36.24	−26 5.2	2.049	2.828	14.9	21.4
4 11	15 32.29	−26 5.8	1.955	2.825	12.1	21.2
4 21	15 25.93	−25 53.8	1.882	2.823	8.8	21.0
5 1	15 17.72	−25 28.4	1.834	2.820	5.2	20.8
5 11	15 8.57	−24 51.1	1.812	2.817	2.5	20.6
5 21	14 59.48	−24 5.1	1.818	2.814	4.5	20.7
5 31	14 51.48	−23 15.2	1.851	2.811	8.2	21.0
6 10	14 45.37	−22 27.1	1.908	2.808	11.7	21.2
300136	2006 VY_{55}		5 10.3	156.°81	1.°1/ 9.3	18
4 1	15 35.10	−14 0.4	2.946	3.734	10.6	21.6
4 11	15 30.36	−13 52.4	2.858	3.741	8.3	21.4
4 21	15 24.06	−13 41.3	2.794	3.747	5.7	21.3
5 1	15 16.64	−13 28.6	2.758	3.753	2.8	21.1
5 11	15 8.68	−13 15.9	2.751	3.758	1.3	21.0
5 21	15 0.81	−13 5.2	2.774	3.763	3.8	21.1
5 31	14 53.64	−12 58.4	2.825	3.768	6.6	21.3
6 10	14 47.68	−12 57.1	2.903	3.772	9.1	21.5
441939	2010 JG_{133}		5 10.3	220.°36	9.°4/28.4	18
4 1	15 32.46	+17 36.5	3.021	3.769	11.3	21.9
4 11	15 28.33	+18 57.9	2.955	3.760	10.3	21.8
4 21	15 22.70	+20 8.1	2.912	3.751	9.6	21.7
5 1	15 15.98	+21 1.7	2.892	3.742	9.4	21.7
5 11	15 8.73	+21 34.7	2.897	3.732	9.9	21.7
5 21	15 1.56	+21 45.1	2.924	3.722	10.8	21.8
5 31	14 55.04	+21 32.6	2.972	3.711	12.0	21.8
6 10	14 49.68	+20 58.9	3.038	3.700	13.2	21.9
437171	2012 VY_{60}		5 10.3	198.°91	1.°2/ 9.4	17
4 1	15 35.29	−14 47.1	2.322	3.121	12.8	21.9
4 11	15 31.05	−14 35.9	2.231	3.120	10.1	21.7
4 21	15 24.82	−14 20.2	2.162	3.118	6.9	21.5
5 1	15 17.11	−14 1.8	2.120	3.116	3.4	21.2
5 11	15 8.64	−13 42.9	2.106	3.114	1.4	21.1
5 21	15 0.23	−13 26.2	2.120	3.111	4.5	21.3
5 31	14 52.69	−13 14.5	2.161	3.109	8.0	21.5
6 10	14 46.68	−13 10.0	2.228	3.106	11.1	21.7
412192	2013 GV_{100}		5 10.3	76.°20	1.°4/ 9.4	18
4 1	15 37.04	−18 17.0	1.389	2.212	18.6	20.9
4 11	15 33.52	−17 30.3	1.324	2.226	14.6	20.7
4 21	15 26.99	−16 31.1	1.278	2.240	9.9	20.4
5 1	15 18.25	−15 23.3	1.256	2.253	4.8	20.2
5 11	15 8.56	−14 12.9	1.258	2.267	1.7	20.0
5 21	14 59.25	−13 7.3	1.287	2.281	6.3	20.3
5 31	14 51.56	−12 13.3	1.339	2.295	11.1	20.6
6 10	14 46.33	−11 35.6	1.414	2.308	15.3	20.9
245629	2005 XK_{27}		5 10.3	259.°82	2.°4/11.5	16
4 1	15 37.84	−24 35.3	1.447	2.253	18.8	21.2
4 11	15 34.63	−24 38.1	1.360	2.248	15.3	21.0
4 21	15 28.14	−24 25.6	1.291	2.242	11.0	20.7
5 1	15 19.03	−23 56.7	1.245	2.236	6.2	20.4
5 11	15 8.48	−23 12.9	1.223	2.230	2.4	20.1
5 21	14 57.97	−22 18.9	1.226	2.225	5.8	20.3
5 31	14 48.97	−21 22.0	1.254	2.219	10.7	20.6
6 10	14 42.59	−20 30.2	1.303	2.213	15.3	20.8
156983	2003 KF_{7}		5 10.3	266.°42	4.°7/ 6.9	18
4 1	15 33.69	− 8 36.9	1.924	2.743	14.3	20.8
4 11	15 30.24	− 7 36.0	1.831	2.730	11.4	20.6
4 21	15 24.51	− 6 30.9	1.761	2.716	8.2	20.4
5 1	15 17.04	− 5 26.8	1.715	2.703	5.3	20.2
5 11	15 8.65	− 4 29.3	1.697	2.689	5.0	20.1
5 21	15 0.27	− 3 43.8	1.705	2.676	7.7	20.2
5 31	14 52.85	− 3 14.6	1.738	2.662	11.2	20.4
6 10	14 47.17	− 3 3.5	1.793	2.648	14.5	20.6
500706	2012 WE_{14}		5 10.3	158.°45	1.°9/ 8.8	17
4 1	15 34.55	−12 56.9	2.501	3.300	12.0	22.3
4 11	15 30.23	−12 35.3	2.415	3.304	9.4	22.1
4 21	15 24.13	−12 10.3	2.353	3.308	6.4	21.9
5 1	15 16.72	−11 44.0	2.317	3.311	3.3	21.8
5 11	15 8.69	−11 19.0	2.309	3.315	2.0	21.7
5 21	15 0.76	−10 58.1	2.331	3.318	4.6	21.8
5 31	14 53.65	−10 43.8	2.380	3.320	7.7	22.0
6 10	14 47.94	−10 37.9	2.454	3.323	10.6	22.2
232577	2003 SK_{338}		5 10.3	92.°66	1.°3/11.1	17
4 1	15 36.48	−22 1.2	1.975	2.767	15.0	20.9
4 11	15 32.43	−22 6.8	1.891	2.772	12.0	20.7
4 21	15 25.99	−22 2.8	1.828	2.777	8.4	20.5
5 1	15 17.74	−21 49.3	1.789	2.781	4.5	20.3
5 11	15 8.60	−21 27.8	1.777	2.786	1.3	20.1
5 21	14 59.58	−21 1.2	1.793	2.791	4.4	20.3
5 31	14 51.67	−20 33.6	1.836	2.795	8.3	20.5
6 10	14 45.65	−20 9.2	1.903	2.800	11.8	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
251777	1999 RC_{67}		5 10.3	300.°97	4.°1/11.9	17
	h m	° ′			°	m
4 1	15 36.77	−25 40.7	1.444	2.249	18.9	20.6
4 11	15 34.34	−26 16.0	1.334	2.219	15.7	20.3
4 21	15 28.44	−26 39.2	1.243	2.189	11.7	20.0
5 1	15 19.46	−26 46.9	1.172	2.159	7.3	19.6
5 11	15 8.43	−26 37.2	1.126	2.129	4.2	19.4
5 21	14 56.83	−26 11.1	1.103	2.100	6.7	19.4
5 31	14 46.43	−25 33.9	1.104	2.070	11.7	19.6
6 10	14 38.73	−24 53.8	1.126	2.041	16.7	19.8
251687	1995 UR_{50}		5 10.3	263.°73	2.°0/ 9.0	17
4 1	15 35.98	−15 19.8	1.712	2.528	16.0	21.5
4 11	15 32.49	−14 46.0	1.615	2.514	12.7	21.3
4 21	15 26.33	−14 3.6	1.539	2.499	8.7	21.0
5 1	15 18.04	−13 15.4	1.488	2.484	4.4	20.7
5 11	15 8.57	−12 25.8	1.462	2.469	2.3	20.5
5 21	14 59.06	−11 40.1	1.463	2.454	6.2	20.8
5 31	14 50.66	−11 3.7	1.490	2.439	10.7	21.0
6 10	14 44.33	−10 40.6	1.538	2.423	14.8	21.2
359460	2010 NJ_{51}		5 10.3	297.°32	2.°6/12.2	16
4 1	15 33.08	−26 51.2	2.319	3.093	13.5	21.2
4 11	15 29.62	−26 53.6	2.214	3.081	11.1	21.0
4 21	15 24.03	−26 44.3	2.131	3.069	8.1	20.7
5 1	15 16.80	−26 22.7	2.073	3.057	4.9	20.5
5 11	15 8.69	−25 49.6	2.041	3.044	2.6	20.3
5 21	15 0.56	−25 7.8	2.037	3.033	4.2	20.4
5 31	14 53.31	−24 21.3	2.061	3.021	7.5	20.6
6 10	14 47.68	−23 35.1	2.109	3.009	10.7	20.8
427369	2014 WB_{472}		5 10.3	248.°66	3.°8/ 5.4	18
4 1	15 27.93	+ 2 30.6	4.490	5.275	7.3	20.7
4 11	15 24.26	+ 2 50.2	4.405	5.272	6.0	20.6
4 21	15 19.67	+ 3 6.2	4.344	5.268	4.7	20.5
5 1	15 14.44	+ 3 16.5	4.312	5.265	3.9	20.4
5 11	15 8.90	+ 3 19.6	4.307	5.261	4.0	20.4
5 21	15 3.41	+ 3 14.3	4.331	5.258	4.9	20.5
5 31	14 58.30	+ 3 0.1	4.382	5.254	6.2	20.6
6 10	14 53.89	+ 2 37.0	4.458	5.251	7.5	20.7
455362	2002 TP_{107}		5 10.3	207.°76	1.°6/10.9	16
4 1	15 42.63	−20 47.3	1.531	2.333	18.2	21.4
4 11	15 38.23	−21 12.1	1.443	2.330	14.6	21.2
4 21	15 30.56	−21 28.1	1.375	2.326	10.4	20.9
5 1	15 20.23	−21 33.9	1.329	2.323	5.5	20.6
5 11	15 8.42	−21 29.9	1.309	2.318	1.6	20.3
5 21	14 56.57	−21 18.3	1.316	2.313	5.6	20.6
5 31	14 46.18	−21 3.5	1.348	2.308	10.6	20.8
6 10	14 38.37	−20 51.3	1.402	2.303	15.0	21.1
244783	2003 SZ_{181}		5 10.3	200.°08	6.°8/ 2.4	18
4 1	15 34.39	− 0 26.3	2.545	3.344	11.8	20.6
4 11	15 30.04	+ 1 36.6	2.464	3.340	9.7	20.4
4 21	15 23.97	+ 3 39.7	2.409	3.336	7.8	20.3
5 1	15 16.65	+ 5 36.0	2.382	3.331	6.9	20.2
5 11	15 8.73	+ 7 18.7	2.384	3.326	7.4	20.2
5 21	15 0.88	+ 8 42.5	2.415	3.320	9.2	20.3
5 31	14 53.81	+ 9 44.1	2.471	3.314	11.3	20.5
6 10	14 48.08	+10 22.9	2.549	3.307	13.4	20.6
321732	2010 LY_{55}		5 10.3	223.°76	7.°9/ 5.1	17
4 1	15 37.72	+ 0 35.7	1.890	2.699	14.9	21.0
4 11	15 33.37	+ 1 43.7	1.807	2.690	12.3	20.8
4 21	15 26.64	+ 2 48.0	1.746	2.681	9.8	20.6
5 1	15 18.09	+ 3 42.0	1.709	2.671	8.0	20.5
5 11	15 8.60	+ 4 19.2	1.698	2.660	8.2	20.4
5 21	14 59.17	+ 4 35.2	1.712	2.649	10.3	20.5
5 31	14 50.79	+ 4 28.0	1.751	2.638	13.1	20.7
6 10	14 44.24	+ 3 58.5	1.810	2.626	16.0	20.9
178236	2006 WZ_{104}		5 10.3	303.°15	1.°1/ 9.7	17
4 1	15 33.98	−17 11.7	1.486	2.312	17.4	20.7
4 11	15 31.48	−16 52.3	1.388	2.291	14.0	20.4
4 21	15 25.98	−16 22.7	1.309	2.271	9.7	20.1
5 1	15 18.02	−15 44.7	1.253	2.251	4.8	19.8
5 11	15 8.60	−15 2.3	1.222	2.231	1.3	19.5
5 21	14 59.01	−14 20.6	1.215	2.211	6.3	19.7
5 31	14 50.62	−13 45.8	1.233	2.192	11.5	20.0
6 10	14 44.57	−13 23.3	1.271	2.173	16.1	20.2
500921	2013 PY_{25}		5 10.3	160.°54	4.°2/13.8	17
4 1	15 39.94	−33 11.9	2.617	3.345	13.3	22.2
4 11	15 34.68	−33 22.2	2.524	3.353	11.1	22.0
4 21	15 27.28	−33 18.6	2.452	3.361	8.6	21.9
5 1	15 18.32	−32 59.6	2.405	3.367	6.0	21.7
5 11	15 8.60	−32 25.4	2.386	3.373	4.3	21.6
5 21	14 59.02	−31 38.0	2.395	3.378	4.9	21.7
5 31	14 50.46	−30 41.8	2.433	3.382	7.1	21.8
6 10	14 43.60	−29 42.2	2.497	3.386	9.7	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
291898	2006 QN_4		5 10.3	278.°90	3.°7/12.4	18
	h m	° ′			°	m
4 1	15 37.37	−28 23.8	1.706	2.489	17.3	20.9
4 11	15 34.14	−28 25.9	1.593	2.464	14.4	20.6
4 21	15 27.84	−28 11.0	1.499	2.438	10.8	20.3
5 1	15 18.97	−27 36.5	1.428	2.412	6.8	20.0
5 11	15 8.53	−26 42.7	1.382	2.385	3.7	19.7
5 21	14 57.85	−25 32.8	1.362	2.358	5.8	19.8
5 31	14 48.35	−24 14.0	1.368	2.331	10.2	20.0
6 10	14 41.18	−22 55.4	1.396	2.303	14.6	20.2
477654	2010 NG_{49}		5 10.3	298.°11	0.°7/ 9.8	16
4 1	15 32.27	−17 25.5	2.232	3.035	13.1	21.6
4 11	15 28.96	−17 6.2	2.126	3.016	10.4	21.4
4 21	15 23.59	−16 39.6	2.041	2.998	7.2	21.2
5 1	15 16.61	−16 7.2	1.982	2.979	3.5	20.9
5 11	15 8.74	−15 31.6	1.951	2.960	0.8	20.6
5 21	15 0.82	−14 56.4	1.947	2.941	4.5	20.9
5 31	14 53.70	−14 25.2	1.970	2.923	8.3	21.1
6 10	14 48.11	−14 1.7	2.017	2.904	11.7	21.3
360030	2013 AT_{29}		5 10.3	70.°16	2.°7/ 9.1	16
4 1	15 39.13	−12 59.4	1.314	2.144	19.1	21.2
4 11	15 35.44	−12 42.8	1.246	2.152	15.0	21.0
4 21	15 28.53	−12 21.2	1.197	2.159	10.3	20.7
5 1	15 19.13	−11 57.7	1.170	2.167	5.3	20.5
5 11	15 8.55	−11 36.9	1.168	2.174	2.9	20.3
5 21	14 58.23	−11 23.2	1.190	2.182	7.2	20.6
5 31	14 49.56	−11 20.5	1.236	2.190	12.0	20.9
6 10	14 43.52	−11 31.2	1.303	2.198	16.3	21.2
19024	2000 SS_{112}		5 10.3	247.°55	0.°6/10.7	18
4 1	15 34.30	−20 43.4	2.529	3.313	12.3	19.2
4 11	15 30.27	−20 39.2	2.425	3.303	9.8	19.0
4 21	15 24.32	−20 27.5	2.343	3.292	6.8	18.7
5 1	15 16.92	−20 8.7	2.288	3.281	3.5	18.5
5 11	15 8.73	−19 44.4	2.260	3.270	0.6	18.3
5 21	15 0.53	−19 17.0	2.262	3.258	3.7	18.5
5 31	14 53.10	−18 49.7	2.291	3.247	7.1	18.7
6 10	14 47.10	−18 25.9	2.346	3.235	10.2	18.9
200076	5009 T_{-2}		5 10.3	256.°49	7.°2/14.7	18
4 1	15 40.76	−37 33.7	2.215	2.934	15.7	20.8
4 11	15 36.37	−38 23.6	2.105	2.917	13.6	20.6
4 21	15 29.13	−38 58.5	2.013	2.900	11.2	20.4
5 1	15 19.52	−39 13.7	1.944	2.882	8.9	20.2
5 11	15 8.51	−39 6.3	1.900	2.864	7.3	20.1
5 21	14 57.29	−38 36.3	1.882	2.846	7.6	20.1
5 31	14 47.14	−37 47.5	1.890	2.827	9.6	20.2
6 10	14 39.14	−36 46.6	1.922	2.808	12.2	20.3
55251	2001 RZ_{105}		5 10.3	5.°68	0.°5/10.6	17
4 1	15 33.66	−20 29.6	1.957	2.759	14.7	19.7
4 11	15 30.25	−20 19.7	1.871	2.759	11.7	19.5
4 21	15 24.53	−20 0.3	1.805	2.759	8.1	19.3
5 1	15 17.07	−19 32.5	1.765	2.760	4.1	19.0
5 11	15 8.74	−18 58.5	1.751	2.761	0.5	18.7
5 21	15 0.51	−18 22.2	1.764	2.762	4.5	19.0
5 31	14 53.34	−17 47.7	1.804	2.763	8.5	19.3
6 10	14 47.97	−17 19.4	1.868	2.765	12.0	19.5
382941	2004 TV_{277}		5 10.3	220.°50	1.°0/ 9.5	18
4 1	15 36.11	−16 41.4	2.506	3.296	12.2	22.6
4 11	15 31.63	−16 12.9	2.401	3.285	9.7	22.4
4 21	15 25.22	−15 37.6	2.320	3.274	6.6	22.2
5 1	15 17.35	−14 57.2	2.266	3.262	3.3	22.0
5 11	15 8.72	−14 14.7	2.240	3.249	1.2	21.8
5 21	15 0.09	−13 33.2	2.244	3.235	4.3	22.0
5 31	14 52.26	−12 56.5	2.276	3.221	7.8	22.2
6 10	14 45.86	−12 27.7	2.334	3.207	10.9	22.4
330692	2008 JG_{23}		5 10.3	350.°85	2.°0/ 9.4	17
4 1	15 36.24	−12 59.1	1.439	2.268	17.7	20.8
4 11	15 33.09	−13 2.3	1.359	2.264	14.1	20.5
4 21	15 26.94	−13 2.3	1.299	2.261	9.7	20.3
5 1	15 18.42	−13 1.1	1.261	2.259	4.9	20.0
5 11	15 8.63	−13 1.7	1.249	2.257	2.2	19.8
5 21	14 58.90	−13 6.9	1.261	2.255	6.5	20.1
5 31	14 50.54	−13 19.7	1.297	2.254	11.2	20.3
6 10	14 44.57	−13 42.1	1.355	2.254	15.5	20.6
19817	Larashelton		5 10.3	216.°64	1.°0/10.9	18
4 1	15 37.13	−21 58.2	2.170	2.955	14.0	19.0
4 11	15 32.84	−21 53.6	2.071	2.949	11.2	18.8
4 21	15 26.26	−21 39.4	1.994	2.942	7.9	18.6
5 1	15 17.93	−21 15.9	1.943	2.935	4.2	18.4
5 11	15 8.68	−20 44.7	1.919	2.928	1.0	18.1
5 21	14 59.44	−20 8.7	1.923	2.920	4.2	18.3
5 31	14 51.18	−19 32.3	1.955	2.912	8.1	18.5
6 10	14 44.65	−18 59.7	2.012	2.903	11.5	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
179564	2002 ES_{55}		5 10.3	101.°19	6.°3/ 4.5	18
	h m	° ′			°	m
4 1	15 31.88	+ 0 21.8	2.486	3.291	11.9	20.4
4 11	15 28.04	+ 1 34.2	2.422	3.303	9.7	20.3
4 21	15 22.56	+ 2 43.0	2.382	3.315	7.6	20.1
5 1	15 15.95	+ 3 42.9	2.369	3.327	6.4	20.1
5 11	15 8.85	+ 4 29.4	2.382	3.338	6.6	20.1
5 21	15 1.92	+ 4 59.6	2.422	3.350	8.2	20.2
5 31	14 55.80	+ 5 11.8	2.487	3.361	10.2	20.4
6 10	14 51.00	+ 5 6.4	2.574	3.372	12.2	20.5
464934	2005 UR_{233}		5 10.3	34.°63	2.°5/ 8.3	17
4 1	15 33.26	−16 43.3	1.703	2.522	15.9	20.8
4 11	15 30.11	−15 27.4	1.623	2.524	12.5	20.6
4 21	15 24.50	−13 59.4	1.564	2.526	8.5	20.4
5 1	15 17.05	−12 24.1	1.531	2.527	4.3	20.1
5 11	15 8.76	−10 48.5	1.524	2.529	2.8	20.0
5 21	15 0.66	− 9 20.4	1.544	2.531	6.5	20.3
5 31	14 53.78	− 8 6.5	1.590	2.533	10.6	20.5
6 10	14 48.87	− 7 11.4	1.658	2.535	14.3	20.7
60788	2000 HW		5 10.3	189.°37	0.°5/10.6	18
4 1	15 40.63	−20 46.1	1.814	2.607	16.1	20.5
4 11	15 35.98	−20 33.6	1.724	2.607	12.8	20.3
4 21	15 28.61	−20 10.2	1.654	2.606	8.9	20.1
5 1	15 19.14	−19 36.6	1.609	2.604	4.5	19.8
5 11	15 8.59	−18 55.4	1.591	2.601	0.5	19.5
5 21	14 58.12	−18 10.5	1.601	2.597	5.0	19.8
5 31	14 48.91	−17 27.5	1.637	2.593	9.4	20.1
6 10	14 41.83	−16 51.6	1.697	2.588	13.4	20.3
213755	2003 AM_2		5 10.3	332.°31	12.°6/19.1	18
4 1	15 37.30	−45 25.3	1.120	1.874	26.2	19.4
4 11	15 36.29	−46 1.2	1.043	1.869	23.4	19.2
4 21	15 30.42	−45 59.4	0.977	1.865	20.1	18.9
5 1	15 20.50	−45 9.0	0.927	1.861	16.5	18.7
5 11	15 8.47	−43 24.1	0.895	1.858	13.6	18.5
5 21	14 56.82	−40 48.6	0.883	1.855	12.7	18.4
5 31	14 47.84	−37 37.8	0.893	1.853	14.6	18.5
6 10	14 42.95	−34 15.0	0.923	1.851	18.2	18.7
240093	2002 CA_{52}		5 10.3	149.°19	8.°4/18.4	18
4 1	15 44.78	−49 19.1	3.128	3.741	13.2	20.6
4 11	15 38.93	−50 21.8	3.038	3.749	12.0	20.5
4 21	15 30.50	−51 8.5	2.967	3.757	10.7	20.4
5 1	15 20.05	−51 34.9	2.917	3.765	9.4	20.3
5 11	15 8.52	−51 38.4	2.891	3.772	8.6	20.3
5 21	14 56.98	−51 19.0	2.889	3.779	8.4	20.3
5 31	14 46.56	−50 39.2	2.913	3.785	8.9	20.3
6 10	14 38.12	−49 44.3	2.961	3.791	10.0	20.4
478148	2011 UE_{154}		5 10.3	133.°47	10.°4/17.5	18
4 1	15 46.85	−48 30.0	2.521	3.155	15.7	21.6
4 11	15 41.52	−50 6.6	2.431	3.157	14.3	21.4
4 21	15 32.90	−51 26.5	2.360	3.159	12.8	21.3
5 1	15 21.50	−52 23.2	2.309	3.160	11.5	21.2
5 11	15 8.39	−52 52.0	2.281	3.162	10.6	21.2
5 21	14 55.02	−52 51.5	2.277	3.164	10.4	21.2
5 31	14 42.93	−52 24.2	2.296	3.165	11.1	21.2
6 10	14 33.36	−51 36.6	2.338	3.167	12.4	21.3
35234	1995 NH		5 10.3	330.°88	9.°2/ 5.9	18
4 1	15 35.81	+ 2 32.9	1.515	2.340	17.2	18.3
4 11	15 32.48	+ 3 18.6	1.439	2.330	14.4	18.0
4 21	15 26.36	+ 3 55.8	1.382	2.320	11.5	17.8
5 1	15 18.09	+ 4 17.1	1.347	2.312	9.5	17.7
5 11	15 8.68	+ 4 16.0	1.336	2.303	9.5	17.7
5 21	14 59.35	+ 3 49.1	1.348	2.296	11.6	17.8
5 31	14 51.27	+ 2 56.2	1.383	2.288	14.7	17.9
6 10	14 45.37	+ 1 40.3	1.437	2.282	17.9	18.1
67411	2000 QJ_{26}		5 10.3	289.°40	2.°1/ 9.0	18
4 1	15 34.29	−16 45.8	1.451	2.279	17.7	19.5
4 11	15 31.76	−16 0.1	1.354	2.259	14.1	19.2
4 21	15 26.21	−15 1.5	1.276	2.239	9.8	18.9
5 1	15 18.16	−13 52.9	1.221	2.219	4.9	18.6
5 11	15 8.67	−12 40.2	1.191	2.199	2.4	18.4
5 21	14 59.05	−11 30.8	1.186	2.179	7.1	18.6
5 31	14 50.70	−10 32.7	1.205	2.159	12.2	18.8
6 10	14 44.70	− 9 52.0	1.245	2.139	16.9	19.0
150246	1999 GV_1		5 10.3	90.°37	1.°1/10.9	18
4 1	15 37.20	−21 22.5	1.769	2.569	16.1	20.5
4 11	15 33.31	−21 24.8	1.687	2.573	12.9	20.2
4 21	15 26.77	−21 16.9	1.625	2.577	9.0	20.0
5 1	15 18.23	−20 59.1	1.587	2.581	4.7	19.8
5 11	15 8.68	−20 33.2	1.576	2.585	1.1	19.5
5 21	14 59.26	−20 2.6	1.591	2.589	4.8	19.8
5 31	14 51.09	−19 32.0	1.632	2.593	9.1	20.0
6 10	14 45.01	−19 6.3	1.697	2.597	12.9	20.3

346885 2009 JN_{17} 5 10.3 290.°91 5.°4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.85	+ 8 50.4	4.285	5.063	7.7	20.1
4 11	15 22.78	+ 9 38.0	4.204	5.052	6.7	20.0
4 21	15 18.75	+10 20.3	4.147	5.041	5.8	20.0
5 1	15 14.05	+10 54.4	4.117	5.030	5.4	19.9
5 11	15 9.02	+11 18.0	4.113	5.019	5.6	19.9
5 21	15 4.02	+11 29.6	4.135	5.008	6.5	20.0
5 31	14 59.41	+11 28.4	4.182	4.997	7.6	20.0
6 10	14 55.50	+11 14.7	4.250	4.986	8.7	20.1

430187 2013 TN_{110} 5 10.3 200.°90 1.°7/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.03	−23 29.5	2.143	2.923	14.3	22.2
4 11	15 33.60	−23 35.0	2.047	2.920	11.6	22.0
4 21	15 26.81	−23 30.5	1.973	2.917	8.2	21.8
5 1	15 18.22	−23 15.5	1.924	2.914	4.6	21.5
5 11	15 8.69	−22 51.2	1.902	2.910	1.8	21.3
5 21	14 59.18	−22 20.3	1.909	2.905	4.3	21.5
5 31	14 50.70	−21 46.7	1.943	2.900	8.0	21.7
6 10	14 44.02	−21 15.1	2.001	2.895	11.5	21.9

355211 2006 YS_{34} 5 10.3 25.°89 6.°4/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.75	−37 43.9	2.305	3.029	15.0	21.2
4 11	15 31.98	−38 14.8	2.215	3.032	12.9	21.0
4 21	15 25.77	−38 29.3	2.144	3.035	10.5	20.8
5 1	15 17.72	−38 24.1	2.096	3.038	8.1	20.7
5 11	15 8.73	−37 58.6	2.073	3.041	6.6	20.6
5 21	14 59.83	−37 14.5	2.076	3.044	6.7	20.6
5 31	14 52.06	−36 16.1	2.104	3.048	8.4	20.7
6 10	14 46.21	−35 9.9	2.158	3.052	10.8	20.9

249217 2008 EB_{80} 5 10.3 265.°96 6.°4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 31.20	+ 0 15.0	2.530	3.336	11.7	20.8
4 11	15 27.69	+ 1 30.4	2.440	3.321	9.6	20.7
4 21	15 22.48	+ 2 44.0	2.373	3.305	7.7	20.5
5 1	15 16.00	+ 3 50.4	2.332	3.289	6.5	20.4
5 11	15 8.86	+ 4 44.6	2.318	3.273	6.8	20.4
5 21	15 1.74	+ 5 22.8	2.331	3.257	8.5	20.5
5 31	14 55.31	+ 5 42.3	2.369	3.241	10.7	20.6
6 10	14 50.15	+ 5 42.9	2.428	3.225	12.9	20.7

387014 2012 RH_{23} 5 10.3 172.°25 0.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.33	−16 20.1	2.370	3.165	12.7	21.7
4 11	15 31.05	−16 5.5	2.281	3.167	10.0	21.5
4 21	15 24.82	−15 45.2	2.214	3.169	6.8	21.3
5 1	15 17.15	−15 20.9	2.174	3.170	3.3	21.1
5 11	15 8.78	−14 55.0	2.162	3.171	1.0	20.9
5 21	15 0.49	−14 30.2	2.179	3.172	4.3	21.2
5 31	14 53.07	−14 9.7	2.223	3.172	7.7	21.4
6 10	14 47.16	−13 56.0	2.292	3.172	10.8	21.6

394245 2006 TW_{60} 5 10.3 219.°68 2.°3/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 31.89	−14 25.6	2.318	3.124	12.6	20.9
4 11	15 28.36	−13 29.0	2.229	3.123	9.9	20.8
4 21	15 22.98	−12 25.6	2.164	3.122	6.7	20.6
5 1	15 16.24	−11 18.7	2.125	3.120	3.5	20.3
5 11	15 8.85	−10 12.9	2.115	3.118	2.5	20.3
5 21	15 1.58	− 9 12.6	2.132	3.117	5.2	20.4
5 31	14 55.15	− 8 22.1	2.178	3.115	8.5	20.6
6 10	14 50.18	− 7 44.4	2.247	3.113	11.5	20.8

331476 1995 US_{17} 5 10.3 285.°63 0.°6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.17	−18 48.3	1.930	2.734	14.9	21.0
4 11	15 31.78	−18 20.4	1.814	2.704	11.9	20.8
4 21	15 25.88	−17 41.8	1.718	2.675	8.3	20.5
5 1	15 17.92	−16 53.7	1.648	2.644	4.1	20.2
5 11	15 8.72	−15 59.2	1.604	2.614	0.8	19.8
5 21	14 59.30	−15 3.1	1.588	2.583	5.3	20.1
5 31	14 50.79	−14 11.0	1.598	2.552	9.8	20.3
6 10	14 44.12	−13 28.3	1.631	2.520	13.9	20.5

57801 2001 VW_{107} 5 10.3 127.°28 0.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.43	−19 51.0	2.369	3.159	12.8	20.3
4 11	15 30.37	−19 41.8	2.282	3.164	10.2	20.1
4 21	15 24.37	−19 25.0	2.217	3.169	7.0	20.0
5 1	15 16.94	−19 1.6	2.178	3.173	3.5	19.7
5 11	15 8.82	−18 33.6	2.167	3.177	0.3	19.5
5 21	15 0.80	−18 3.9	2.185	3.182	3.9	19.8
5 31	14 53.67	−17 35.9	2.230	3.186	7.3	20.0
6 10	14 48.07	−17 12.7	2.301	3.190	10.4	20.2

141806 2002 NF_{38} 5 10.3 231.°58 5.°0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.04	−32 20.5	1.888	2.646	16.8	20.0
4 11	15 35.05	−32 30.7	1.788	2.638	14.1	19.8
4 21	15 28.18	−32 23.3	1.708	2.629	10.9	19.5
5 1	15 19.03	−31 55.4	1.649	2.620	7.5	19.3
5 11	15 8.66	−31 6.8	1.617	2.610	5.1	19.2
5 21	14 58.30	−30 0.6	1.611	2.600	6.0	19.2
5 31	14 49.22	−28 43.1	1.632	2.590	9.2	19.3
6 10	14 42.39	−27 23.0	1.676	2.579	12.8	19.5

33523 Warashina 5 10.3 340.°62 4.°6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.04	−10 57.4	1.118	1.976	19.9	17.8
4 11	15 29.77	−10 21.9	1.043	1.964	15.9	17.5
4 21	15 25.12	− 9 40.6	0.986	1.954	11.1	17.2
5 1	15 17.70	− 8 59.4	0.948	1.945	6.4	16.9
5 11	15 8.76	− 8 25.3	0.933	1.936	4.9	16.8
5 21	14 59.83	− 8 4.9	0.940	1.930	9.0	17.0
5 31	14 52.48	− 8 3.3	0.968	1.924	14.2	17.3
6 10	14 47.87	− 8 22.4	1.014	1.919	18.9	17.5

356606 2011 TV_{12} 5 10.3 209.°29 1.°7/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.30	−25 26.6	2.840	3.604	11.5	21.8
4 11	15 30.07	−25 19.1	2.736	3.598	9.3	21.6
4 21	15 24.08	−25 2.0	2.655	3.593	6.7	21.4
5 1	15 16.80	−24 35.4	2.600	3.587	3.9	21.2
5 11	15 8.85	−24 0.5	2.574	3.580	1.7	21.0
5 21	15 0.94	−23 19.7	2.578	3.573	3.4	21.2
5 31	14 53.78	−22 36.3	2.609	3.566	6.3	21.3
6 10	14 47.94	−21 54.3	2.668	3.558	9.1	21.5

127723 2003 EL_{45} 5 10.3 131.°51 3.°1/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 41.27	−26 45.7	1.609	2.395	18.1	20.7
4 11	15 36.85	−26 49.0	1.531	2.405	14.7	20.5
4 21	15 29.37	−26 36.3	1.473	2.414	10.7	20.2
5 1	15 19.56	−26 6.6	1.437	2.423	6.3	20.0
5 11	15 8.64	−25 21.2	1.427	2.432	3.1	19.8
5 21	14 57.98	−24 24.7	1.444	2.440	5.4	20.0
5 31	14 48.88	−23 24.1	1.486	2.448	9.7	20.2
6 10	14 42.27	−22 27.1	1.552	2.455	13.6	20.5

290555 2005 UY_{103} 5 10.3 174.°69 1.°3/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.98	−16 42.8	1.581	2.392	17.3	21.8
4 11	15 35.75	−16 20.3	1.499	2.394	13.7	21.6
4 21	15 28.60	−15 48.9	1.438	2.396	9.4	21.3
5 1	15 19.20	−15 10.9	1.400	2.397	4.6	21.0
5 11	15 8.67	−14 30.1	1.389	2.398	1.5	20.8
5 21	14 58.28	−13 51.5	1.404	2.398	6.0	21.1
5 31	14 49.29	−13 20.4	1.444	2.397	10.7	21.4
6 10	14 42.62	−13 0.8	1.507	2.397	14.8	21.6

479104 2013 AN_{156} 5 10.3 236.°28 1.°3/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.04	−24 53.7	2.439	3.216	12.9	21.5
4 11	15 29.35	−24 27.6	2.340	3.212	10.3	21.3
4 21	15 23.71	−23 49.8	2.264	3.208	7.3	21.1
5 1	15 16.64	−23 0.8	2.214	3.204	4.0	20.9
5 11	15 8.87	−22 3.2	2.192	3.200	1.3	20.7
5 21	15 1.19	−21 0.5	2.198	3.195	3.7	20.9
5 31	14 54.38	−19 57.6	2.233	3.191	7.1	21.1
6 10	14 49.07	−18 59.2	2.293	3.186	10.2	21.3

105789 2000 SR_{121} 5 10.3 122.°03 3.°5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 32.16	− 9 7.9	2.696	3.499	11.1	19.9
4 11	15 28.15	− 7 58.4	2.622	3.512	8.7	19.7
4 21	15 22.60	− 6 46.4	2.572	3.524	6.1	19.6
5 1	15 15.99	− 5 35.8	2.550	3.536	4.0	19.4
5 11	15 8.93	− 4 30.9	2.558	3.548	3.8	19.4
5 21	15 2.02	− 3 35.4	2.594	3.559	5.7	19.6
5 31	14 55.88	− 2 52.3	2.657	3.570	8.2	19.8
6 10	14 50.98	− 2 23.2	2.745	3.581	10.5	19.9

51982 2001 RK_{150} 5 10.3 72.°20 1.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.81	−22 27.0	2.083	2.870	14.5	18.9
4 11	15 32.46	−22 33.9	2.009	2.887	11.5	18.7
4 21	15 25.89	−22 31.5	1.958	2.905	8.1	18.5
5 1	15 17.70	−22 19.7	1.931	2.923	4.4	18.3
5 11	15 8.79	−22 0.3	1.932	2.940	1.4	18.2
5 21	15 0.10	−21 35.8	1.961	2.958	4.1	18.4
5 31	14 52.53	−21 10.1	2.017	2.976	7.7	18.6
6 10	14 46.76	−20 47.2	2.097	2.993	10.9	18.9

458851 2011 UC_{76} 5 10.3 297.°17 2.°9/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.08	−25 54.1	2.260	3.033	13.9	21.5
4 11	15 32.08	−26 21.1	2.161	3.027	11.3	21.3
4 21	15 25.81	−26 38.6	2.084	3.021	8.3	21.1
5 1	15 17.78	−26 45.2	2.032	3.015	5.1	20.9
5 11	15 8.79	−26 40.8	2.007	3.009	3.0	20.7
5 21	14 59.76	−26 26.9	2.010	3.004	4.5	20.8
5 31	14 51.66	−26 6.7	2.040	2.998	7.7	21.0
6 10	14 45.26	−25 44.5	2.095	2.993	10.9	21.2

297257 1995 SC_{59} 5 10.3 207.°04 0.°0/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.07	−19 6.0	2.816	3.598	11.2	22.3
4 11	15 29.82	−18 51.1	2.715	3.593	8.9	22.1
4 21	15 23.88	−18 29.7	2.638	3.588	6.1	22.0
5 1	15 16.70	−18 2.8	2.587	3.582	3.0	21.7
5 11	15 8.88	−17 32.3	2.566	3.576	0.2	21.5
5 21	15 1.10	−17 0.7	2.574	3.569	3.5	21.8
5 31	14 54.02	−16 30.9	2.611	3.562	6.6	21.9
6 10	14 48.22	−16 5.8	2.673	3.554	9.4	22.1

251221 2006 UM_{204} 5 10.3 211.°96 7.°6/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.73	−45 18.4	2.779	3.439	13.9	20.7
4 11	15 34.19	−45 51.6	2.679	3.436	12.4	20.6
4 21	15 27.25	−46 7.6	2.596	3.433	10.7	20.4
5 1	15 18.47	−46 2.7	2.536	3.429	9.1	20.3
5 11	15 8.74	−45 35.2	2.499	3.426	7.9	20.2
5 21	14 59.10	−44 45.9	2.488	3.422	7.7	20.2
5 31	14 50.55	−43 38.6	2.503	3.418	8.6	20.3
6 10	14 43.89	−42 19.3	2.543	3.413	10.2	20.3

424141 2007 GN 5 10.3 359.°57 0.°2/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.42	−19 4.6	1.447	2.275	17.8	20.8
4 11	15 30.10	−18 50.3	1.369	2.273	14.1	20.6
4 21	15 24.89	−18 25.0	1.310	2.271	9.7	20.3
5 1	15 17.43	−17 50.2	1.273	2.271	4.8	20.0
5 11	15 8.82	−17 9.9	1.261	2.271	0.5	19.7
5 21	15 0.34	−16 29.0	1.274	2.272	5.6	20.1
5 31	14 53.23	−15 53.5	1.311	2.274	10.5	20.3
6 10	14 48.43	−15 28.3	1.369	2.277	14.8	20.6

30504 2000 RS_{80} 5 10.3 5.°95 1.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.27	−24 52.1	4.130	4.893	8.2	18.5
4 11	15 24.02	−24 47.3	4.031	4.893	6.6	18.4
4 21	15 19.68	−24 36.3	3.956	4.894	4.7	18.2
5 1	15 14.55	−24 19.4	3.909	4.894	2.7	18.1
5 11	15 9.05	−23 57.6	3.890	4.895	1.3	18.0
5 21	15 3.60	−23 32.4	3.900	4.896	2.4	18.1
5 31	14 58.60	−23 5.5	3.940	4.896	4.4	18.2
6 10	14 54.42	−22 39.1	4.006	4.897	6.3	18.3

69378 1994 WA_8 5 10.3 176.°48 1.°8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.88	−14 19.4	2.606	3.400	11.7	20.8
4 11	15 30.46	−13 39.6	2.516	3.402	9.2	20.6
4 21	15 24.30	−12 54.5	2.449	3.404	6.3	20.4
5 1	15 16.89	−12 6.6	2.410	3.405	3.2	20.2
5 11	15 8.88	−11 19.2	2.400	3.406	2.0	20.1
5 21	15 0.97	−10 35.8	2.420	3.406	4.6	20.3
5 31	14 53.85	− 9 59.6	2.467	3.405	7.6	20.5
6 10	14 48.10	− 9 33.0	2.540	3.404	10.4	20.6

68738 2002 EJ_{35} 5 10.3 338.°41 0.°2/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.75	−18 13.3	1.614	2.442	16.2	18.9
4 11	15 27.12	−18 8.7	1.514	2.419	12.9	18.6
4 21	15 22.88	−17 55.2	1.435	2.397	9.0	18.3
5 1	15 16.50	−17 34.1	1.378	2.375	4.5	18.0
5 11	15 8.89	−17 8.0	1.346	2.355	0.5	17.6
5 21	15 1.14	−16 40.9	1.338	2.337	5.4	17.9
5 31	14 54.44	−16 17.5	1.355	2.320	10.1	18.1
6 10	14 49.77	−16 2.5	1.394	2.304	14.4	18.3

116350 2003 YU_{89} 5 10.3 181.°05 2.°9/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.82	−11 17.7	1.859	2.668	15.1	20.7
4 11	15 34.32	−10 54.2	1.775	2.668	12.0	20.5
4 21	15 27.36	−10 27.4	1.713	2.669	8.3	20.3
5 1	15 18.52	−10 0.5	1.675	2.669	4.5	20.0
5 11	15 8.75	− 9 37.1	1.665	2.669	3.1	20.0
5 21	14 59.09	− 9 20.7	1.682	2.668	6.3	20.1
5 31	14 50.55	− 9 14.5	1.726	2.667	10.1	20.4
6 10	14 43.96	− 9 20.2	1.792	2.665	13.6	20.6

425530 2010 OQ_{50} 5 10.3 270.°46 2.°6/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.29	−23 49.5	1.760	2.548	16.7	21.6
4 11	15 36.36	−24 10.6	1.647	2.524	13.7	21.4
4 21	15 29.39	−24 21.4	1.553	2.498	10.0	21.1
5 1	15 19.83	−24 19.9	1.484	2.473	5.8	20.8
5 11	15 8.64	−24 5.7	1.440	2.447	2.6	20.5
5 21	14 57.09	−23 40.6	1.423	2.420	5.5	20.6
5 31	14 46.59	−23 9.1	1.432	2.393	10.1	20.8
6 10	14 38.34	−22 37.6	1.465	2.365	14.5	21.0

64695 2001 XQ_{82} 5 10.3 237.°78 2.°5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.38	−12 39.5	1.964	2.773	14.4	19.8
4 11	15 32.38	−12 10.8	1.870	2.764	11.4	19.6
4 21	15 26.05	−11 37.4	1.798	2.755	7.9	19.3
5 1	15 17.91	−11 2.0	1.751	2.746	4.2	19.1
5 11	15 8.81	−10 28.4	1.732	2.736	2.7	19.0
5 21	14 59.72	−10 0.6	1.740	2.727	5.9	19.1
5 31	14 51.63	− 9 42.2	1.774	2.716	9.8	19.4
6 10	14 45.33	− 9 35.8	1.832	2.706	13.3	19.5

269505 2009 UA_{89} 5 10.3 207.°20 2.°0/ 8.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.98	−14 36.8	2.057	2.862	14.0	21.5
4 11	15 31.91	−14 1.7	1.966	2.858	11.1	21.3
4 21	15 25.62	−13 20.2	1.897	2.854	7.6	21.1
5 1	15 17.65	−12 34.9	1.854	2.850	3.9	20.9
5 11	15 8.84	−11 49.6	1.838	2.845	2.2	20.7
5 21	15 0.09	−11 8.6	1.851	2.840	5.4	20.9
5 31	14 52.34	−10 36.0	1.890	2.834	9.2	21.2
6 10	14 46.30	−10 14.8	1.953	2.828	12.6	21.4

338239 2002 TH_{106} 5 10.3 238.°06 2.°6/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.27	−26 16.3	2.288	3.059	13.8	21.4
4 11	15 32.18	−26 26.4	2.187	3.052	11.3	21.2
4 21	15 25.85	−26 25.6	2.107	3.044	8.2	21.0
5 1	15 17.80	−26 12.9	2.052	3.036	5.0	20.8
5 11	15 8.82	−25 49.1	2.024	3.028	2.7	20.6
5 21	14 59.83	−25 16.3	2.025	3.020	4.3	20.7
5 31	14 51.77	−24 38.4	2.053	3.011	7.6	20.9
6 10	14 45.41	−24 0.2	2.106	3.002	10.9	21.1

11615 Naoya 5 10.3 125.°36 1.°0/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.59	−15 53.7	2.692	3.485	11.4	18.7
4 11	15 29.37	−15 30.8	2.610	3.496	8.9	18.5
4 21	15 23.52	−15 2.9	2.552	3.506	6.0	18.3
5 1	15 16.49	−14 31.9	2.521	3.517	3.0	18.1
5 11	15 8.94	−14 0.1	2.518	3.527	1.1	18.0
5 21	15 1.52	−13 30.3	2.545	3.536	3.9	18.2
5 31	14 54.87	−13 5.3	2.600	3.546	6.9	18.4
6 10	14 49.53	−12 47.2	2.680	3.555	9.6	18.6

59369 Chanco 5 10.3 11.°90 1.°1/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.47	−15 51.0	1.799	2.615	15.3	19.0
4 11	15 30.25	−15 39.8	1.719	2.617	12.0	18.8
4 21	15 24.62	−15 22.5	1.660	2.620	8.2	18.6
5 1	15 17.20	−15 0.9	1.625	2.622	4.0	18.3
5 11	15 8.88	−14 38.1	1.617	2.626	1.3	18.1
5 21	15 0.68	−14 17.5	1.635	2.630	5.2	18.4
5 31	14 53.60	−14 2.8	1.679	2.634	9.3	18.6
6 10	14 48.40	−13 56.9	1.746	2.639	12.9	18.9

130558 2000 RE_{31} 5 10.3 296.°66 1.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.34	−23 7.6	1.401	2.219	18.7	19.3
4 11	15 32.19	−22 50.6	1.299	2.195	15.2	19.0
4 21	15 26.78	−22 16.4	1.215	2.172	10.9	18.7
5 1	15 18.61	−21 24.7	1.153	2.148	5.8	18.3
5 11	15 8.76	−20 18.3	1.116	2.125	1.2	17.9
5 21	14 58.69	−19 3.2	1.102	2.102	6.0	18.2
5 31	14 49.93	−17 48.2	1.113	2.079	11.6	18.4
6 10	14 43.75	−16 42.7	1.145	2.057	16.7	18.7

511360 2014 FP_{20} 5 10.3 337.°13 4.°6/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.96	−31 52.6	2.075	2.834	15.4	20.9
4 11	15 31.49	−32 8.0	1.981	2.832	12.8	20.7
4 21	15 25.54	−32 7.9	1.908	2.829	9.9	20.5
5 1	15 17.69	−31 50.4	1.857	2.827	6.9	20.3
5 11	15 8.85	−31 15.6	1.832	2.825	4.8	20.2
5 21	15 0.09	−30 26.2	1.834	2.823	5.5	20.2
5 31	14 52.43	−29 27.1	1.863	2.821	8.3	20.4
6 10	14 46.72	−28 25.0	1.915	2.819	11.4	20.6

35133 1992 QX 5 10.3 247.°01 5.°2/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.59	− 5 40.7	2.163	2.971	13.3	19.6
4 11	15 31.54	− 4 38.9	2.064	2.954	10.7	19.4
4 21	15 25.37	− 3 35.2	1.988	2.936	7.9	19.2
5 1	15 17.56	− 2 34.5	1.938	2.918	5.6	19.0
5 11	15 8.87	− 1 42.2	1.915	2.898	5.6	19.0
5 21	15 0.14	− 1 3.1	1.919	2.879	7.9	19.1
5 31	14 52.24	− 0 40.5	1.950	2.859	10.9	19.2
6 10	14 45.92	− 0 35.9	2.003	2.838	13.9	19.4

308578 2005 UK_{471} 5 10.3 301.°80 1.°1/11.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.86	−22 54.8	2.371	3.157	13.0	21.6
4 11	15 29.28	−22 43.9	2.276	3.154	10.4	21.4
4 21	15 23.73	−22 23.2	2.203	3.150	7.3	21.2
5 1	15 16.71	−21 53.3	2.155	3.147	3.9	21.0
5 11	15 8.94	−21 16.2	2.135	3.144	1.1	20.8
5 21	15 1.24	−20 34.9	2.143	3.141	3.8	21.0
5 31	14 54.40	−19 53.3	2.179	3.138	7.2	21.2
6 10	14 49.07	−19 15.5	2.240	3.135	10.4	21.4

341784 2007 WS_{41} 5 10.3 174.°11 0.°6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.04	−17 44.3	2.282	3.080	13.0	21.4
4 11	15 30.16	−17 20.8	2.193	3.081	10.3	21.2
4 21	15 24.30	−16 50.1	2.126	3.081	7.0	21.0
5 1	15 16.97	−16 13.9	2.086	3.082	3.4	20.8
5 11	15 8.92	−15 35.0	2.073	3.082	0.8	20.6
5 21	15 0.97	−14 56.9	2.088	3.082	4.3	20.8
5 31	14 53.92	−14 23.3	2.131	3.082	7.8	21.0
6 10	14 48.41	−13 57.3	2.199	3.082	11.0	21.2

284454 2007 EX_{221} 5 10.3 267.°66 3.°6/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.27	− 0 40.6	4.434	5.231	7.2	20.8
4 11	15 22.31	+ 0 8.4	4.345	5.223	5.8	20.6
4 21	15 18.45	+ 0 55.8	4.282	5.215	4.5	20.5
5 1	15 13.96	+ 1 39.1	4.246	5.207	3.7	20.5
5 11	15 9.16	+ 2 16.1	4.240	5.199	3.8	20.5
5 21	15 4.39	+ 2 44.9	4.261	5.191	4.9	20.5
5 31	14 59.98	+ 3 4.3	4.309	5.184	6.2	20.6
6 10	14 56.24	+ 3 13.8	4.382	5.176	7.6	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384813	2012 QD_{51}		5 10.3	249.°80	8.°2/15.9	18
	h m	° ′			°	m
4 1	15 41.66	−41 42.3	2.331	3.023	15.6	20.8
4 11	15 37.13	−42 32.3	2.221	3.007	13.8	20.6
4 21	15 29.70	−43 5.5	2.128	2.990	11.7	20.4
5 1	15 19.90	−43 17.0	2.058	2.974	9.7	20.3
5 11	15 8.70	−43 3.5	2.011	2.957	8.4	20.2
5 21	14 57.34	−42 24.9	1.991	2.939	8.4	20.1
5 31	14 47.11	−41 24.9	1.995	2.921	9.8	20.2
6 10	14 39.09	−40 10.7	2.025	2.903	12.1	20.3
501721	2014 UC_{48}		5 10.3	288.°49	3.°8/ 8.4	17
4 1	15 36.33	−11 3.0	1.479	2.308	17.4	21.7
4 11	15 33.19	−10 31.8	1.390	2.295	13.8	21.4
4 21	15 27.09	− 9 56.0	1.322	2.283	9.7	21.1
5 1	15 18.61	− 9 19.7	1.277	2.271	5.5	20.9
5 11	15 8.80	− 8 48.1	1.256	2.259	4.1	20.7
5 21	14 58.95	− 8 26.4	1.260	2.247	7.7	20.9
5 31	14 50.37	− 8 19.0	1.289	2.235	12.3	21.1
6 10	14 44.09	− 8 28.1	1.338	2.223	16.6	21.4
431841	2008 SS_{45}		5 10.3	236.°78	4.°8/ 6.3	18
4 1	15 33.24	− 8 55.0	2.058	2.873	13.6	21.1
4 11	15 29.69	− 7 32.0	1.970	2.866	10.8	20.9
4 21	15 24.07	− 6 4.0	1.905	2.860	7.7	20.7
5 1	15 16.89	− 4 36.3	1.867	2.852	5.2	20.6
5 11	15 8.94	− 3 15.5	1.856	2.845	5.1	20.5
5 21	15 1.08	− 2 7.5	1.873	2.838	7.6	20.7
5 31	14 54.14	− 1 16.8	1.916	2.830	10.8	20.8
6 10	14 48.82	− 0 45.7	1.981	2.822	13.8	21.0
257849	2000 NH		5 10.3	29.°33	3.°7/ 8.3	17
4 1	15 33.75	−12 6.2	1.356	2.195	18.1	20.1
4 11	15 31.05	−11 23.8	1.292	2.203	14.2	19.9
4 21	15 25.44	−10 35.8	1.248	2.212	9.8	19.6
5 1	15 17.66	− 9 47.3	1.226	2.222	5.4	19.4
5 11	15 8.90	− 9 4.3	1.229	2.232	4.0	19.4
5 21	15 0.43	− 8 32.5	1.256	2.243	7.6	19.6
5 31	14 53.44	− 8 16.2	1.306	2.255	11.9	19.9
6 10	14 48.79	− 8 17.2	1.377	2.267	15.9	20.1
208810	2002 QB_{119}		5 10.3	210.°28	1.°3/11.3	18
4 1	15 36.51	−23 13.0	2.737	3.506	11.8	22.1
4 11	15 31.89	−23 10.2	2.631	3.498	9.5	21.9
4 21	15 25.41	−22 59.1	2.549	3.491	6.7	21.8
5 1	15 17.53	−22 39.5	2.493	3.482	3.7	21.5
5 11	15 8.92	−22 12.8	2.466	3.473	1.3	21.3
5 21	15 0.30	−21 41.1	2.468	3.464	3.5	21.5
5 31	14 52.45	−21 7.6	2.499	3.454	6.6	21.7
6 10	14 45.97	−20 35.9	2.556	3.443	9.5	21.9
478127	2011 UZ_{112}		5 10.3	201.°30	0.°4/ 9.9	17
4 1	15 32.56	−18 56.6	2.685	3.475	11.5	21.9
4 11	15 28.71	−18 25.4	2.590	3.472	9.1	21.7
4 21	15 23.17	−17 46.8	2.517	3.470	6.2	21.5
5 1	15 16.39	−17 2.3	2.471	3.467	3.0	21.3
5 11	15 9.01	−16 14.6	2.454	3.464	0.5	21.1
5 21	15 1.70	−15 26.9	2.466	3.461	3.7	21.3
5 31	14 55.14	−14 42.9	2.507	3.457	6.9	21.5
6 10	14 49.88	−14 5.6	2.573	3.454	9.7	21.7
77418	2001 FN_{189}		5 10.3	308.°06	2.°6/11.7	18
4 1	15 34.96	−24 25.6	1.782	2.578	16.2	19.3
4 11	15 31.94	−24 43.3	1.679	2.560	13.2	19.0
4 21	15 26.17	−24 49.8	1.596	2.543	9.6	18.8
5 1	15 18.17	−24 43.7	1.537	2.526	5.6	18.5
5 11	15 8.86	−24 25.3	1.503	2.509	2.7	18.3
5 21	14 59.40	−23 57.2	1.495	2.492	5.1	18.4
5 31	14 51.01	−23 23.8	1.513	2.476	9.4	18.6
6 10	14 44.72	−22 51.0	1.553	2.460	13.4	18.8
419580	2010 RA_{79}		5 10.3	187.°54	1.°3/ 9.4	16
4 1	15 38.98	−16 1.8	2.143	2.937	13.9	22.8
4 11	15 34.17	−15 34.0	2.052	2.937	11.0	22.6
4 21	15 27.13	−14 59.3	1.982	2.936	7.5	22.4
5 1	15 18.42	−14 19.8	1.939	2.934	3.7	22.1
5 11	15 8.86	−13 38.7	1.924	2.932	1.5	22.0
5 21	14 59.39	−12 59.7	1.937	2.928	5.0	22.2
5 31	14 50.92	−12 27.0	1.978	2.924	8.7	22.4
6 10	14 44.19	−12 3.7	2.044	2.919	12.1	22.6
231400	2006 SE_{32}		5 10.3	266.°91	0.°5/ 9.8	17
4 1	15 29.84	−17 6.1	3.549	4.335	9.0	21.6
4 11	15 26.22	−16 46.9	3.434	4.315	7.1	21.5
4 21	15 21.32	−16 23.1	3.344	4.296	4.9	21.3
5 1	15 15.46	−15 55.8	3.281	4.277	2.4	21.1
5 11	15 9.08	−15 26.7	3.248	4.257	0.6	20.9
5 21	15 2.69	−14 57.9	3.244	4.237	3.0	21.1
5 31	14 56.78	−14 31.5	3.269	4.217	5.6	21.2
6 10	14 51.79	−14 9.7	3.321	4.197	7.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
105795	2000 SA_{123}		5 10.3	143.°93	1.°7/ 8.7	18
	h m	° ′			°	m
4 1	15 33.09	−13 24.7	2.846	3.641	10.8	20.3
4 11	15 28.89	−12 52.0	2.763	3.650	8.4	20.1
4 21	15 23.16	−12 15.6	2.704	3.658	5.7	19.9
5 1	15 16.34	−11 37.7	2.672	3.666	3.0	19.8
5 11	15 9.03	−11 1.0	2.669	3.674	1.9	19.7
5 21	15 1.83	−10 28.3	2.696	3.681	4.2	19.9
5 31	14 55.36	−10 2.0	2.751	3.688	6.9	20.0
6 10	14 50.09	− 9 44.2	2.831	3.695	9.5	20.2
234310	2001 AG_{46}		5 10.3	110.°22	1.°1/ 9.8	17
4 1	15 45.49	−12 20.2	2.178	2.962	14.0	20.4
4 11	15 39.07	−12 49.5	2.101	2.980	11.1	20.3
4 21	15 30.36	−13 18.0	2.047	2.997	7.6	20.1
5 1	15 19.96	−13 45.9	2.020	3.014	3.8	19.9
5 11	15 8.77	−14 13.8	2.022	3.031	1.2	19.7
5 21	14 57.76	−14 42.1	2.055	3.047	4.6	20.0
5 31	14 47.88	−15 12.1	2.117	3.063	8.2	20.2
6 10	14 39.85	−15 45.0	2.205	3.078	11.4	20.5
111715	2002 CO_{34}		5 10.3	218.°32	3.°8/13.1	18
4 1	15 36.83	−30 16.4	2.608	3.355	12.9	19.9
4 11	15 32.43	−30 43.3	2.507	3.350	10.7	19.7
4 21	15 25.95	−30 59.3	2.427	3.346	8.2	19.5
5 1	15 17.86	−31 2.7	2.372	3.341	5.6	19.3
5 11	15 8.91	−30 53.1	2.345	3.336	3.9	19.2
5 21	14 59.95	−30 31.7	2.345	3.331	4.7	19.3
5 31	14 51.82	−30 1.7	2.374	3.326	7.1	19.4
6 10	14 45.26	−29 27.4	2.428	3.321	9.8	19.6
89219	2001 UJ_{120}		5 10.3	288.°73	1.°2/ 9.6	17
4 1	15 34.63	−17 19.0	1.691	2.507	16.1	20.1
4 11	15 31.57	−16 51.8	1.594	2.492	12.8	19.9
4 21	15 25.83	−16 14.7	1.518	2.477	8.8	19.6
5 1	15 17.96	−15 29.9	1.465	2.462	4.4	19.3
5 11	15 8.90	−14 41.3	1.438	2.447	1.4	19.0
5 21	14 59.79	−13 54.0	1.438	2.433	5.7	19.3
5 31	14 51.79	−13 13.5	1.463	2.418	10.4	19.5
6 10	14 45.86	−12 44.7	1.510	2.403	14.5	19.7
293184	2007 AE_{17}		5 10.3	80.°83	7.°4/16.7	18
4 1	15 38.22	−42 0.8	2.499	3.189	14.7	20.6
4 11	15 33.93	−42 42.4	2.410	3.194	12.9	20.5
4 21	15 27.16	−43 7.1	2.339	3.200	10.9	20.4
5 1	15 18.50	−43 11.0	2.291	3.205	9.0	20.2
5 11	15 8.87	−42 52.8	2.267	3.211	7.6	20.2
5 21	14 59.34	−42 13.4	2.268	3.216	7.5	20.2
5 31	14 50.96	−41 16.8	2.296	3.222	8.7	20.2
6 10	14 44.53	−40 9.4	2.348	3.227	10.6	20.4
426633	2013 SO_{66}		5 10.3	265.°11	1.°2/10.9	18
4 1	15 40.48	−20 14.8	1.895	2.686	15.5	21.2
4 11	15 36.16	−20 35.3	1.785	2.666	12.6	20.9
4 21	15 29.05	−20 49.0	1.695	2.645	8.9	20.7
5 1	15 19.62	−20 54.9	1.630	2.623	4.7	20.4
5 11	15 8.78	−20 53.3	1.592	2.601	1.2	20.1
5 21	14 57.66	−20 45.8	1.581	2.578	4.9	20.3
5 31	14 47.52	−20 35.8	1.597	2.555	9.4	20.5
6 10	14 39.40	−20 27.7	1.637	2.532	13.6	20.7
95330	2002 CC_{114}		5 10.3	106.°75	8.°4/ 5.0	18
4 1	15 35.90	+ 2 55.3	1.865	2.675	15.1	19.4
4 11	15 31.88	+ 3 58.3	1.798	2.678	12.5	19.3
4 21	15 25.59	+ 4 54.3	1.752	2.681	10.1	19.1
5 1	15 17.65	+ 5 36.7	1.729	2.684	8.6	19.0
5 11	15 8.95	+ 5 59.9	1.732	2.687	8.8	19.0
5 21	15 0.43	+ 6 0.6	1.760	2.690	10.5	19.1
5 31	14 53.00	+ 5 38.0	1.811	2.693	13.0	19.3
6 10	14 47.38	+ 4 54.1	1.883	2.695	15.5	19.5
62828	2000 UN_{53}		5 10.3	109.°69	1.°3/ 9.3	18
4 1	15 33.76	−15 3.5	2.593	3.388	11.7	19.6
4 11	15 29.57	−14 39.7	2.514	3.401	9.1	19.5
4 21	15 23.70	−14 11.4	2.459	3.414	6.2	19.3
5 1	15 16.63	−13 40.4	2.431	3.426	3.1	19.1
5 11	15 9.03	−13 9.4	2.431	3.439	1.4	19.0
5 21	15 1.58	−12 41.2	2.460	3.451	4.1	19.2
5 31	14 54.94	−12 18.5	2.518	3.462	7.1	19.4
6 10	14 49.64	−12 3.4	2.600	3.474	9.9	19.6
398067	2009 HK_{81}		5 10.3	316.°76	3.°8/ 7.1	16
4 1	15 29.57	−13 5.3	1.902	2.726	14.3	20.1
4 11	15 27.20	−11 43.6	1.799	2.703	11.3	19.8
4 21	15 22.62	−10 11.4	1.718	2.679	7.9	19.6
5 1	15 16.30	− 8 33.6	1.664	2.657	4.6	19.3
5 11	15 9.04	− 6 57.1	1.636	2.634	4.2	19.2
5 21	15 1.74	− 5 29.4	1.635	2.612	7.3	19.4
5 31	14 55.34	− 4 17.0	1.659	2.591	11.1	19.6
6 10	14 50.62	− 3 24.4	1.706	2.570	14.6	19.7

250852 2005 UU_{244} 5 10.3 220.°65 1.°7/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.47	−24 40.6	2.884	3.649	11.4	21.7
4 11	15 30.23	−24 43.4	2.779	3.642	9.2	21.5
4 21	15 24.25	−24 37.7	2.697	3.635	6.6	21.4
5 1	15 16.97	−24 23.4	2.641	3.627	3.8	21.2
5 11	15 9.00	−24 1.5	2.613	3.619	1.7	21.0
5 21	15 1.03	−23 33.8	2.615	3.611	3.4	21.1
5 31	14 53.77	−23 3.2	2.646	3.602	6.3	21.3
6 10	14 47.80	−22 33.1	2.702	3.593	9.0	21.4

161973 2007 KJ_5 5 10.3 55.°66 0.°5/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.06	−16 53.4	1.796	2.604	15.6	20.4
4 11	15 33.12	−16 53.4	1.715	2.608	12.4	20.2
4 21	15 26.66	−16 47.2	1.655	2.611	8.5	20.0
5 1	15 18.26	−16 35.7	1.619	2.615	4.2	19.7
5 11	15 8.91	−16 21.2	1.609	2.619	0.7	19.4
5 21	14 59.66	−16 6.8	1.627	2.623	5.0	19.8
5 31	14 51.59	−15 56.0	1.670	2.627	9.2	20.0
6 10	14 45.53	−15 51.9	1.737	2.631	13.0	20.3

345537 2006 QK_{79} 5 10.3 154.°40 4.°6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.23	− 4 30.1	2.617	3.420	11.4	21.5
4 11	15 29.11	− 3 35.3	2.540	3.426	9.1	21.3
4 21	15 23.37	− 2 41.2	2.487	3.432	6.7	21.2
5 1	15 16.47	− 1 51.7	2.460	3.437	4.9	21.1
5 11	15 9.05	− 1 10.6	2.462	3.442	4.8	21.1
5 21	15 1.75	− 0 41.1	2.492	3.446	6.6	21.2
5 31	14 55.22	− 0 25.3	2.548	3.450	8.9	21.3
6 10	14 49.96	− 0 23.7	2.628	3.454	11.2	21.5

253079 2002 TL_{205} 5 10.3 220.°38 1.°4/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.94	−23 9.9	2.103	2.884	14.6	21.5
4 11	15 34.45	−23 4.2	2.001	2.875	11.7	21.3
4 21	15 27.54	−22 47.6	1.920	2.865	8.3	21.1
5 1	15 18.73	−22 20.0	1.863	2.854	4.5	20.8
5 11	15 8.88	−21 42.8	1.835	2.843	1.4	20.6
5 21	14 59.02	−20 59.4	1.835	2.832	4.4	20.8
5 31	14 50.17	−20 14.4	1.862	2.819	8.4	21.0
6 10	14 43.16	−19 33.0	1.914	2.806	12.0	21.2

183061 2002 QK_{107} 5 10.3 76.°67 4.°0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.65	−28 46.5	1.566	2.350	18.6	20.3
4 11	15 35.66	−28 58.1	1.496	2.366	15.2	20.1
4 21	15 28.60	−28 52.4	1.445	2.382	11.2	19.9
5 1	15 19.25	−28 27.6	1.417	2.398	7.1	19.7
5 11	15 8.85	−27 45.0	1.413	2.415	4.1	19.5
5 21	14 58.80	−26 49.1	1.436	2.431	5.7	19.7
5 31	14 50.38	−25 47.2	1.483	2.446	9.5	19.9
6 10	14 44.47	−24 47.1	1.554	2.462	13.3	20.2

153667 2001 TK_{174} 5 10.3 188.°77 1.°0/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.58	−16 33.1	2.174	2.969	13.7	21.5
4 11	15 33.08	−16 13.2	2.082	2.968	10.8	21.3
4 21	15 26.40	−15 46.7	2.013	2.967	7.4	21.1
5 1	15 18.08	−15 15.3	1.970	2.965	3.6	20.9
5 11	15 8.94	−14 41.9	1.954	2.963	1.1	20.7
5 21	14 59.87	−14 9.6	1.968	2.960	4.7	20.9
5 31	14 51.77	−13 42.4	2.008	2.957	8.4	21.1
6 10	14 45.36	−13 23.3	2.074	2.953	11.8	21.4

483018 2014 VV_{37} 5 10.3 126.°02 2.°5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.56	− 5 52.9	4.524	5.321	7.0	21.7
4 11	15 22.51	− 5 17.6	4.440	5.325	5.5	21.6
4 21	15 18.59	− 4 42.6	4.381	5.328	4.0	21.5
5 1	15 14.05	− 4 9.7	4.351	5.331	2.8	21.4
5 11	15 9.24	− 3 40.8	4.350	5.334	2.7	21.4
5 21	15 4.48	− 3 17.5	4.377	5.338	3.8	21.5
5 31	15 0.09	− 3 1.1	4.433	5.341	5.3	21.6
6 10	14 56.37	− 2 52.2	4.515	5.344	6.8	21.7

504866 2010 UB_{67} 5 10.3 206.°82 1.°2/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.87	−16 8.4	2.069	2.865	14.2	22.7
4 11	15 34.27	−15 46.2	1.973	2.859	11.3	22.5
4 21	15 27.32	−15 17.2	1.899	2.853	7.7	22.2
5 1	15 18.59	−14 43.1	1.850	2.846	3.8	22.0
5 11	15 8.90	−14 6.9	1.830	2.839	1.4	21.8
5 21	14 59.25	−13 32.4	1.838	2.830	5.0	22.0
5 31	14 50.60	−13 3.5	1.874	2.821	9.0	22.2
6 10	14 43.73	−12 43.8	1.933	2.812	12.5	22.4

515721 2014 WM_{220} 5 10.3 157.°68 0.°5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 27.36	−21 18.1	4.838	5.606	7.0	21.9
4 11	15 23.91	−21 16.6	4.740	5.608	5.6	21.8
4 21	15 19.55	−21 11.0	4.667	5.611	3.9	21.6
5 1	15 14.54	−21 1.8	4.622	5.613	2.0	21.5
5 11	15 9.21	−20 49.7	4.607	5.616	0.5	21.4
5 21	15 3.92	−20 35.9	4.622	5.618	2.0	21.5
5 31	14 59.00	−20 21.7	4.666	5.620	3.8	21.7
6 10	14 54.76	−20 8.5	4.738	5.622	5.5	21.8

47642 2000 CF_{30} 5 10.3 135.°71 4.°8/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.06	− 6 57.9	2.025	2.832	14.1	20.0
4 11	15 33.31	− 6 0.7	1.955	2.845	11.2	19.8
4 21	15 26.43	− 5 2.7	1.908	2.858	8.0	19.6
5 1	15 18.03	− 4 8.5	1.886	2.870	5.4	19.5
5 11	15 8.96	− 3 23.2	1.893	2.882	5.0	19.5
5 21	15 0.13	− 2 50.9	1.926	2.892	7.3	19.7
5 31	14 52.39	− 2 34.2	1.986	2.903	10.4	19.9
6 10	14 46.39	− 2 33.8	2.069	2.912	13.2	20.1

255632 2006 QO_2 5 10.3 300.°92 3.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.14	−25 9.4	1.453	2.260	18.7	20.5
4 11	15 33.81	−25 32.2	1.344	2.231	15.5	20.2
4 21	15 28.11	−25 41.8	1.254	2.202	11.5	19.9
5 1	15 19.44	−25 35.3	1.184	2.173	6.9	19.6
5 11	15 8.84	−25 12.0	1.139	2.144	3.5	19.3
5 21	14 57.77	−24 34.0	1.118	2.116	6.3	19.4
5 31	14 47.90	−23 47.4	1.120	2.087	11.4	19.5
6 10	14 40.64	−23 0.7	1.144	2.059	16.5	19.7

496990 2002 RR_{240} 5 10.3 252.°10 0.°3/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.09	−20 32.0	1.947	2.740	15.1	23.2
4 11	15 34.06	−20 14.3	1.838	2.722	12.1	22.9
4 21	15 27.45	−19 45.8	1.750	2.702	8.5	22.7
5 1	15 18.77	−19 7.1	1.688	2.683	4.3	22.4
5 11	15 8.91	−18 20.7	1.652	2.662	0.3	22.0
5 21	14 58.93	−17 30.5	1.644	2.641	4.9	22.3
5 31	14 49.94	−16 42.1	1.663	2.619	9.3	22.5
6 10	14 42.87	−16 0.7	1.707	2.597	13.3	22.7

75228 1999 WB_4 5 10.3 166.°79 0.°9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 40.53	−21 12.1	2.086	2.868	14.6	20.1
4 11	15 35.54	−21 11.1	1.997	2.873	11.7	19.9
4 21	15 28.17	−21 1.0	1.930	2.878	8.1	19.7
5 1	15 18.99	−20 42.2	1.889	2.882	4.2	19.5
5 11	15 8.92	−20 16.1	1.875	2.885	0.9	19.2
5 21	14 58.95	−19 45.7	1.891	2.887	4.3	19.5
5 31	14 50.08	−19 15.2	1.933	2.889	8.2	19.7
6 10	14 43.10	−18 48.8	2.001	2.890	11.7	19.9

507637 2013 KG_7 5 10.3 292.°87 11.°9/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 43.86	+ 9 4.5	1.529	2.326	18.4	21.0
4 11	15 39.25	+ 9 46.7	1.435	2.299	16.1	20.8
4 21	15 31.43	+10 14.7	1.360	2.273	13.7	20.5
5 1	15 20.91	+10 19.0	1.306	2.246	12.1	20.4
5 11	15 8.76	+ 9 51.7	1.275	2.219	12.2	20.3
5 21	14 56.36	+ 8 49.0	1.267	2.192	14.2	20.3
5 31	14 45.17	+ 7 11.7	1.283	2.165	17.2	20.4
6 10	14 36.38	+ 5 5.5	1.318	2.139	20.5	20.6

206918 2004 PT_{89} 5 10.3 279.°36 2.°3/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.81	−15 5.0	1.526	2.346	17.4	20.9
4 11	15 34.63	−14 35.6	1.419	2.319	13.9	20.6
4 21	15 28.35	−13 56.8	1.331	2.292	9.7	20.3
5 1	15 19.43	−13 11.1	1.267	2.263	5.0	19.9
5 11	15 8.87	−12 22.9	1.228	2.235	2.5	19.7
5 21	14 57.96	−11 38.0	1.214	2.206	7.0	19.9
5 31	14 48.16	−11 2.9	1.225	2.177	12.3	20.1
6 10	14 40.70	−10 42.7	1.257	2.147	17.1	20.3

399385 2001 SH_{123} 5 10.3 230.°69 1.°4/11.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 40.66	−23 4.1	1.792	2.581	16.4	22.2
4 11	15 36.35	−22 58.0	1.690	2.569	13.3	22.0
4 21	15 29.16	−22 39.5	1.608	2.556	9.5	21.7
5 1	15 19.67	−22 8.0	1.550	2.542	5.1	21.4
5 11	15 8.86	−21 25.1	1.519	2.527	1.5	21.1
5 21	14 57.97	−20 34.8	1.515	2.512	5.1	21.3
5 31	14 48.26	−19 42.8	1.537	2.496	9.7	21.6
6 10	14 40.75	−18 55.8	1.584	2.479	13.9	21.8

423589 2005 VR_{110} 5 10.3 130.°74 0.°3/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.80	−17 51.3	2.071	2.864	14.3	21.8
4 11	15 34.06	−17 44.3	1.991	2.876	11.3	21.6
4 21	15 27.07	−17 30.3	1.933	2.886	7.7	21.4
5 1	15 18.41	−17 10.7	1.901	2.897	3.8	21.2
5 11	15 8.97	−16 47.6	1.897	2.906	0.5	20.9
5 21	14 59.71	−16 24.1	1.921	2.916	4.5	21.2
5 31	14 51.53	−16 3.6	1.972	2.925	8.3	21.5
6 10	14 45.16	−15 49.4	2.048	2.933	11.6	21.7

146941 2002 EC_5 5 10.3 128.°00 0.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.16	−19 54.3	2.651	3.435	11.8	21.2
4 11	15 29.97	−19 43.8	2.565	3.443	9.3	21.0
4 21	15 24.04	−19 26.3	2.502	3.451	6.4	20.9
5 1	15 16.86	−19 2.8	2.465	3.459	3.2	20.7
5 11	15 9.09	−18 35.4	2.457	3.467	0.3	20.4
5 21	15 1.43	−18 6.3	2.478	3.474	3.5	20.7
5 31	14 54.57	−17 38.7	2.528	3.482	6.6	20.9
6 10	14 49.07	−17 15.5	2.603	3.489	9.4	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
32362	2000 QS_{136}		5 10.3	104.°29	4.°8/ 6.6	18
	h m	° ′			°	m
4 1	15 32.73	− 5 41.1	2.262	3.074	12.7	19.5
4 11	15 29.03	− 4 46.1	2.186	3.078	10.1	19.3
4 21	15 23.49	− 3 51.0	2.133	3.082	7.4	19.1
5 1	15 16.61	− 3 0.2	2.105	3.086	5.2	19.0
5 11	15 9.12	− 2 18.3	2.106	3.090	5.0	19.0
5 21	15 1.76	− 1 48.8	2.133	3.094	7.1	19.1
5 31	14 55.26	− 1 34.1	2.186	3.098	9.7	19.3
6 10	14 50.22	− 1 35.0	2.262	3.102	12.3	19.5
63499	2001 ON_{69}		5 10.3	218.°57	6.°3/ 5.6	18
4 1	15 36.56	− 1 57.9	2.144	2.949	13.5	20.2
4 11	15 32.25	− 0 54.7	2.057	2.941	11.0	20.0
4 21	15 25.83	+ 0 7.0	1.992	2.932	8.4	19.8
5 1	15 17.84	+ 1 1.8	1.954	2.923	6.6	19.7
5 11	15 9.03	+ 1 44.2	1.942	2.913	6.7	19.7
5 21	15 0.27	+ 2 10.1	1.957	2.902	8.7	19.8
5 31	14 52.41	+ 2 17.1	1.997	2.891	11.4	19.9
6 10	14 46.14	+ 2 4.9	2.059	2.879	14.1	20.1
208632	2002 ET_{88}		5 10.3	7.°44	2.°8/ 9.1	17
4 1	15 32.34	−13 46.1	1.102	1.956	20.4	19.8
4 11	15 30.77	−13 25.8	1.037	1.956	16.1	19.5
4 21	15 25.77	−12 58.3	0.989	1.958	11.1	19.2
5 1	15 18.07	−12 27.7	0.962	1.960	5.7	18.9
5 11	15 9.01	−11 59.6	0.957	1.964	3.0	18.8
5 21	15 0.16	−11 39.8	0.974	1.969	7.7	19.1
5 31	14 53.02	−11 33.2	1.013	1.976	12.9	19.4
6 10	14 48.65	−11 42.5	1.071	1.983	17.6	19.7
396452	2014 FL_{14}		5 10.3	342.°69	0.°9/ 9.8	17
4 1	15 34.63	−15 29.1	2.060	2.867	14.0	21.1
4 11	15 30.94	−15 26.2	1.972	2.864	11.0	20.8
4 21	15 25.05	−15 18.5	1.905	2.861	7.5	20.6
5 1	15 17.48	−15 7.4	1.863	2.859	3.7	20.4
5 11	15 9.06	−14 55.1	1.848	2.857	1.1	20.2
5 21	15 0.68	−14 44.3	1.861	2.855	4.7	20.4
5 31	14 53.25	−14 37.8	1.900	2.853	8.5	20.7
6 10	14 47.51	−14 38.1	1.963	2.852	11.9	20.9
292335	2006 SG_{186}		5 10.3	156.°80	0.°7/ 9.6	18
4 1	15 33.59	−17 22.7	2.990	3.775	10.6	22.0
4 11	15 29.26	−16 52.0	2.902	3.782	8.3	21.9
4 21	15 23.43	−16 15.5	2.837	3.789	5.6	21.7
5 1	15 16.53	−15 34.9	2.800	3.795	2.7	21.5
5 11	15 9.14	−14 52.6	2.792	3.801	0.8	21.4
5 21	15 1.86	−14 11.5	2.815	3.807	3.5	21.6
5 31	14 55.28	−13 34.4	2.866	3.812	6.3	21.8
6 10	14 49.88	−13 3.9	2.943	3.816	8.9	22.0
413090	2001 UH_{11}		5 10.3	58.°55	10.°1/13.9	18
4 1	16 1.52	−35 20.7	1.592	2.312	20.8	19.7
4 11	15 53.80	−37 54.6	1.538	2.349	17.8	19.5
4 21	15 41.72	−40 12.1	1.504	2.386	14.6	19.4
5 1	15 26.05	−42 1.7	1.493	2.423	11.7	19.3
5 11	15 8.46	−43 15.1	1.509	2.460	10.1	19.3
5 21	14 51.08	−43 50.4	1.551	2.496	10.5	19.4
5 31	14 36.01	−43 53.2	1.619	2.533	12.4	19.6
6 10	14 24.65	−43 34.5	1.708	2.569	14.8	19.8
336347	2008 TH_{123}		5 10.3	69.°08	2.°1/ 8.9	17
4 1	15 34.91	−14 27.2	1.872	2.685	14.9	21.2
4 11	15 31.13	−13 50.0	1.802	2.699	11.6	21.0
4 21	15 25.10	−13 6.8	1.754	2.713	7.9	20.8
5 1	15 17.45	−12 20.7	1.731	2.727	4.0	20.6
5 11	15 9.08	−11 36.1	1.735	2.741	2.3	20.5
5 21	15 0.96	−10 57.2	1.766	2.755	5.6	20.8
5 31	14 53.99	−10 28.1	1.823	2.769	9.3	21.0
6 10	14 48.83	−10 11.2	1.903	2.783	12.6	21.3
303885	2005 TG_{71}		5 10.3	282.°51	0.°1/10.5	16
4 1	15 32.24	−21 58.2	2.320	3.111	13.1	20.7
4 11	15 28.86	−21 15.7	2.220	3.103	10.4	20.5
4 21	15 23.51	−20 21.6	2.143	3.095	7.2	20.2
5 1	15 16.69	−19 17.6	2.091	3.086	3.6	20.0
5 11	15 9.14	−18 7.0	2.068	3.078	0.3	19.7
5 21	15 1.65	−16 54.5	2.073	3.070	4.0	20.0
5 31	14 55.04	−15 45.3	2.106	3.061	7.7	20.2
6 10	14 49.94	−14 44.2	2.164	3.053	11.0	20.4
429488	2011 AX_{40}		5 10.3	207.°00	2.°1/ 8.9	17
4 1	15 38.55	−13 12.4	2.141	2.940	13.7	22.4
4 11	15 33.90	−12 49.4	2.046	2.934	10.9	22.2
4 21	15 27.04	−12 21.9	1.974	2.928	7.5	21.9
5 1	15 18.47	−11 52.2	1.927	2.922	3.9	21.7
5 11	15 9.01	−11 23.4	1.909	2.914	2.3	21.6
5 21	14 59.58	−10 59.0	1.918	2.906	5.4	21.8
5 31	14 51.09	−10 42.1	1.956	2.898	9.0	22.0
6 10	14 44.30	−10 35.3	2.017	2.888	12.4	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
396541	1994 SU_7		5 10.3	342.°09	6.°3/12.8	16
	h m	° ′			°	m
4 1	15 36.58	−29 27.3	1.693	2.475	17.5	20.5
4 11	15 33.70	−30 45.6	1.598	2.461	14.7	20.3
4 21	15 27.73	−31 53.8	1.522	2.449	11.5	20.1
5 1	15 19.14	−32 47.1	1.468	2.438	8.3	19.8
5 11	15 8.95	−33 21.7	1.439	2.427	6.4	19.7
5 21	14 58.47	−33 36.8	1.435	2.418	7.4	19.7
5 31	14 49.17	−33 34.9	1.455	2.410	10.4	19.9
6 10	14 42.26	−33 21.9	1.497	2.402	13.9	20.1
354693	2005 QR_{97}		5 10.3	173.°03	5.°3/14.6	17
4 1	15 38.79	−36 10.3	2.864	3.574	12.6	21.6
4 11	15 33.91	−36 47.3	2.766	3.576	10.8	21.5
4 21	15 26.95	−37 11.8	2.690	3.578	8.7	21.3
5 1	15 18.41	−37 21.2	2.637	3.579	6.7	21.2
5 11	15 9.02	−37 14.5	2.612	3.580	5.4	21.1
5 21	14 59.65	−36 52.7	2.614	3.581	5.6	21.1
5 31	14 51.14	−36 18.6	2.644	3.582	7.2	21.2
6 10	14 44.20	−35 36.8	2.700	3.582	9.3	21.3
70414	1999 SF_6		5 10.3	215.°77	1.°0/10.9	18
4 1	15 40.73	−20 23.1	1.819	2.612	16.0	19.4
4 11	15 36.26	−20 36.5	1.725	2.607	12.9	19.1
4 21	15 29.02	−20 41.7	1.651	2.602	9.1	18.9
5 1	15 19.58	−20 38.2	1.602	2.596	4.7	18.6
5 11	15 8.93	−20 27.1	1.580	2.589	1.1	18.3
5 21	14 58.25	−20 10.7	1.585	2.582	4.9	18.6
5 31	14 48.73	−19 53.0	1.617	2.575	9.3	18.8
6 10	14 41.34	−19 38.5	1.672	2.568	13.3	19.0
176377	2001 TE_{235}		5 10.3	127.°80	3.°5/ 7.1	17
4 1	15 33.71	− 7 9.6	2.865	3.662	10.7	21.6
4 11	15 29.29	− 6 22.1	2.793	3.678	8.4	21.4
4 21	15 23.41	− 5 34.1	2.745	3.694	6.0	21.3
5 1	15 16.51	− 4 48.9	2.726	3.709	4.0	21.2
5 11	15 9.17	− 4 9.8	2.735	3.724	3.7	21.2
5 21	15 1.99	− 3 39.3	2.773	3.738	5.4	21.3
5 31	14 55.54	− 3 19.5	2.838	3.751	7.8	21.5
6 10	14 50.28	− 3 11.4	2.929	3.764	10.0	21.7
338193	2002 RQ_{257}		5 10.3	210.°60	0.°2/10.5	17
4 1	15 35.89	−19 22.0	2.272	3.062	13.3	21.9
4 11	15 31.76	−19 14.7	2.177	3.059	10.6	21.7
4 21	15 25.53	−19 0.0	2.104	3.056	7.3	21.5
5 1	15 17.71	−18 38.5	2.057	3.052	3.7	21.2
5 11	15 9.08	−18 12.4	2.038	3.048	0.3	20.9
5 21	15 0.48	−17 44.4	2.047	3.044	4.1	21.2
5 31	14 52.78	−17 18.1	2.084	3.039	7.8	21.5
6 10	14 46.68	−16 56.8	2.146	3.034	11.0	21.7
110694	2001 TD_{211}		5 10.3	111.°46	3.°0/ 7.9	18
4 1	15 35.75	−15 22.5	1.853	2.664	15.1	19.7
4 11	15 31.79	−13 57.0	1.780	2.676	11.8	19.5
4 21	15 25.54	−12 21.7	1.729	2.687	8.0	19.3
5 1	15 17.67	−10 41.8	1.704	2.698	4.3	19.1
5 11	15 9.10	− 9 4.3	1.707	2.709	3.3	19.0
5 21	15 0.80	− 7 36.1	1.738	2.720	6.5	19.3
5 31	14 53.70	− 6 23.5	1.795	2.730	10.2	19.5
6 10	14 48.45	− 5 29.7	1.876	2.740	13.5	19.7
415109	2012 CR_{35}		5 10.3	90.°16	2.°3/11.6	17
4 1	15 38.99	−24 19.6	1.588	2.385	17.8	21.4
4 11	15 35.12	−24 25.0	1.512	2.394	14.4	21.2
4 21	15 28.27	−24 16.9	1.455	2.403	10.3	21.0
5 1	15 19.18	−23 54.5	1.422	2.412	5.8	20.7
5 11	15 8.98	−23 19.7	1.414	2.421	2.3	20.5
5 21	14 59.01	−22 36.5	1.432	2.430	5.2	20.7
5 31	14 50.51	−21 51.2	1.475	2.438	9.6	21.0
6 10	14 44.41	−21 10.0	1.541	2.447	13.6	21.3
385453	2003 SS_{91}		5 10.3	268.°81	5.°4/ 6.4	17
4 1	15 35.04	− 4 53.1	2.123	2.933	13.5	20.7
4 11	15 31.24	− 4 0.1	2.022	2.912	10.9	20.4
4 21	15 25.29	− 3 6.2	1.943	2.891	8.1	20.2
5 1	15 17.66	− 2 16.3	1.889	2.869	5.8	20.0
5 11	15 9.09	− 1 35.6	1.863	2.847	5.7	20.0
5 21	15 0.44	− 1 8.4	1.864	2.824	8.0	20.1
5 31	14 52.61	− 0 57.9	1.890	2.801	11.1	20.2
6 10	14 46.36	− 1 5.2	1.938	2.778	14.1	20.4
308442	2005 SA_{190}		5 10.4	219.°46	4.°8/13.6	18
4 1	15 38.88	−32 38.4	2.638	3.370	13.1	21.5
4 11	15 34.17	−33 23.0	2.537	3.366	11.0	21.3
4 21	15 27.26	−33 56.7	2.456	3.362	8.7	21.2
5 1	15 18.63	−34 16.7	2.401	3.357	6.4	21.0
5 11	15 9.02	−34 21.9	2.372	3.353	4.9	20.9
5 21	14 59.35	−34 12.6	2.372	3.348	5.4	20.9
5 31	14 50.52	−33 51.7	2.399	3.343	7.5	21.1
6 10	14 43.31	−33 23.4	2.451	3.338	9.9	21.2

470177 2006 UH_{277} 5 10.4 322.°06 0.°1/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.77	−21 15.4	2.227	3.021	13.4	21.0
4 11	15 29.31	−20 39.3	2.136	3.020	10.7	20.8
4 21	15 23.82	−19 52.5	2.066	3.019	7.4	20.6
5 1	15 16.85	−18 56.7	2.023	3.018	3.7	20.4
5 11	15 9.16	−17 55.2	2.007	3.017	0.2	20.1
5 21	15 1.58	−16 52.4	2.020	3.017	4.1	20.4
5 31	14 54.92	−15 53.3	2.060	3.016	7.8	20.6
6 10	14 49.84	−15 2.2	2.125	3.015	11.1	20.8

52429 1994 PK_6 5 10.4 296.°71 0.°4/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.38	−20 7.9	1.548	2.363	17.4	19.9
4 11	15 32.66	−20 1.4	1.447	2.343	14.0	19.6
4 21	15 26.94	−19 43.6	1.364	2.322	9.8	19.3
5 1	15 18.72	−19 14.9	1.305	2.301	5.0	19.0
5 11	15 9.01	−18 37.6	1.271	2.281	0.5	18.6
5 21	14 59.10	−17 56.0	1.262	2.260	5.6	18.9
5 31	14 50.36	−17 16.3	1.277	2.240	10.8	19.2
6 10	14 43.94	−16 44.5	1.314	2.220	15.4	19.4

250810 2005 UX_{50} 5 10.4 203.°77 0.°5/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.88	−21 53.3	2.728	3.508	11.6	20.9
4 11	15 29.01	−21 26.6	2.629	3.505	9.2	20.7
4 21	15 23.43	−20 51.1	2.554	3.502	6.4	20.5
5 1	15 16.61	−20 7.8	2.506	3.499	3.3	20.3
5 11	15 9.18	−19 18.9	2.486	3.496	0.5	20.1
5 21	15 1.82	−18 27.8	2.496	3.492	3.4	20.3
5 31	14 55.21	−17 38.1	2.534	3.488	6.6	20.5
6 10	14 49.90	−16 53.3	2.598	3.484	9.4	20.7

168864 2000 VW_{25} 5 10.4 173.°70 1.°3/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.58	−21 11.6	1.768	2.560	16.5	20.7
4 11	15 36.93	−21 25.6	1.681	2.562	13.2	20.4
4 21	15 29.46	−21 30.4	1.615	2.564	9.3	20.2
5 1	15 19.78	−21 25.6	1.573	2.565	4.9	19.9
5 11	15 8.95	−21 11.9	1.557	2.566	1.3	19.7
5 21	14 58.18	−20 52.2	1.569	2.566	4.9	19.9
5 31	14 48.69	−20 30.6	1.607	2.566	9.3	20.2
6 10	14 41.43	−20 12.2	1.670	2.566	13.2	20.4

356650 2011 UH_{61} 5 10.4 284.°03 2.°9/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.07	− 8 19.6	2.377	3.178	12.5	20.6
4 11	15 31.70	− 8 15.4	2.284	3.172	9.9	20.4
4 21	15 25.40	− 8 11.7	2.214	3.166	6.9	20.2
5 1	15 17.64	− 8 10.6	2.170	3.160	4.1	20.0
5 11	15 9.11	− 8 14.4	2.154	3.154	3.1	20.0
5 21	15 0.59	− 8 24.9	2.167	3.149	5.4	20.1
5 31	14 52.88	− 8 43.6	2.207	3.143	8.5	20.3
6 10	14 46.62	− 9 11.1	2.272	3.137	11.4	20.5

479595 2014 DG_5 5 10.4 359.°69 3.°7/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.19	−29 25.7	2.010	2.783	15.4	20.9
4 11	15 30.90	−29 31.0	1.920	2.782	12.7	20.7
4 21	15 25.19	−29 21.4	1.850	2.782	9.5	20.5
5 1	15 17.62	−28 55.8	1.803	2.782	6.1	20.3
5 11	15 9.11	−28 15.1	1.782	2.782	3.8	20.1
5 21	15 0.70	−27 22.5	1.789	2.782	5.0	20.2
5 31	14 53.40	−26 23.4	1.821	2.783	8.2	20.4
6 10	14 48.01	−25 24.2	1.878	2.784	11.5	20.6

508046 2015 BG_{535} 5 10.4 169.°65 5.°9/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.75	− 3 9.0	2.213	3.019	13.1	22.3
4 11	15 31.43	− 1 56.6	2.137	3.022	10.6	22.1
4 21	15 25.16	− 0 45.1	2.084	3.026	8.0	22.0
5 1	15 17.47	+ 0 20.2	2.057	3.028	6.2	21.9
5 11	15 9.13	+ 1 13.8	2.058	3.031	6.3	21.9
5 21	15 0.92	+ 1 51.5	2.086	3.032	8.2	22.0
5 31	14 53.64	+ 2 11.0	2.140	3.033	10.8	22.1
6 10	14 47.90	+ 2 11.9	2.216	3.034	13.3	22.3

371522 2006 UG_{185} 5 10.4 141.°45 4.°5/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.74	+ 5 43.8	4.509	5.290	7.3	21.3
4 11	15 23.43	+ 6 24.5	4.438	5.295	6.1	21.2
4 21	15 19.24	+ 7 0.8	4.393	5.301	5.1	21.2
5 1	15 14.43	+ 7 30.2	4.374	5.306	4.6	21.1
5 11	15 9.35	+ 7 50.9	4.383	5.311	4.7	21.1
5 21	15 4.33	+ 8 1.4	4.419	5.316	5.5	21.2
5 31	14 59.70	+ 8 1.2	4.481	5.321	6.7	21.3
6 10	14 55.76	+ 7 50.3	4.566	5.325	7.8	21.4

102857 1999 VG_{224} 5 10.4 143.°72 3.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.30	−12 16.5	1.814	2.627	15.3	20.2
4 11	15 33.14	−11 24.7	1.738	2.634	12.0	20.0
4 21	15 26.58	−10 27.2	1.683	2.640	8.3	19.8
5 1	15 18.24	− 9 28.3	1.653	2.647	4.6	19.6
5 11	15 9.09	− 8 33.2	1.651	2.653	3.5	19.5
5 21	15 0.13	− 7 47.1	1.676	2.658	6.6	19.7
5 31	14 52.35	− 7 14.2	1.726	2.663	10.4	20.0
6 10	14 46.50	− 6 56.9	1.800	2.668	13.8	20.2

502812 2015 DO_{118} 5 10.4 131.°76 5.°5/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.92	− 4 14.5	2.046	2.857	13.9	20.9
4 11	15 31.72	− 3 24.5	1.974	2.864	11.1	20.8
4 21	15 25.43	− 2 35.9	1.923	2.870	8.2	20.6
5 1	15 17.63	− 1 53.5	1.898	2.877	5.9	20.5
5 11	15 9.13	− 1 22.1	1.900	2.883	5.7	20.4
5 21	15 0.81	− 1 4.9	1.929	2.889	7.8	20.6
5 31	14 53.49	− 1 4.2	1.983	2.894	10.6	20.8
6 10	14 47.83	− 1 19.8	2.059	2.899	13.4	21.0

181174 2005 SV_{70} 5 10.4 111.°31 0.°4/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.87	−18 50.8	2.414	3.202	12.7	20.4
4 11	15 31.58	−19 0.0	2.324	3.205	10.1	20.2
4 21	15 25.33	−19 3.6	2.257	3.208	7.0	20.0
5 1	15 17.60	−19 1.8	2.216	3.210	3.5	19.8
5 11	15 9.13	−18 55.8	2.203	3.213	0.4	19.5
5 21	15 0.72	−18 47.6	2.219	3.216	3.8	19.8
5 31	14 53.16	−18 39.7	2.263	3.218	7.2	20.0
6 10	14 47.10	−18 34.8	2.332	3.221	10.3	20.2

127777 2003 FT_{53} 5 10.4 356.°88 0.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.62	−15 6.8	1.674	2.480	16.7	19.6
4 11	15 37.09	−15 42.8	1.588	2.480	13.3	19.3
4 21	15 29.68	−16 16.6	1.523	2.479	9.2	19.1
5 1	15 19.95	−16 47.9	1.483	2.479	4.6	18.8
5 11	15 8.97	−17 17.0	1.469	2.478	0.4	18.5
5 21	14 57.96	−17 44.4	1.482	2.478	5.3	18.9
5 31	14 48.22	−18 11.9	1.521	2.479	9.8	19.1
6 10	14 40.73	−18 41.7	1.584	2.479	13.9	19.4

427735 2004 RO_{33} 5 10.4 226.°48 4.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.25	−30 39.8	2.292	3.037	14.5	21.7
4 11	15 36.41	−31 17.8	2.186	3.027	12.1	21.5
4 21	15 29.03	−31 44.2	2.100	3.017	9.4	21.3
5 1	15 19.60	−31 56.2	2.039	3.006	6.5	21.1
5 11	15 9.00	−31 52.3	2.004	2.994	4.7	21.0
5 21	14 58.27	−31 33.4	1.998	2.982	5.5	21.0
5 31	14 48.51	−31 2.8	2.019	2.969	8.3	21.2
6 10	14 40.62	−30 26.0	2.065	2.956	11.3	21.3

119535 2001 VR_{11} 5 10.4 257.°99 4.°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.21	−32 7.2	2.002	2.757	16.0	19.7
4 11	15 34.38	−32 13.7	1.892	2.741	13.5	19.5
4 21	15 27.82	−32 3.4	1.802	2.724	10.4	19.2
5 1	15 19.05	−31 33.5	1.735	2.706	7.1	19.0
5 11	15 9.05	−30 43.7	1.694	2.688	4.8	18.8
5 21	14 58.96	−29 36.9	1.680	2.670	5.7	18.8
5 31	14 50.01	−28 19.0	1.693	2.651	8.9	19.0
6 10	14 43.15	−26 58.0	1.730	2.633	12.5	19.1

334747 2003 QY_{46} 5 10.4 251.°83 6.°9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.37	− 2 16.2	2.032	2.847	13.8	20.7
4 11	15 29.88	− 0 52.5	1.948	2.839	11.2	20.5
4 21	15 24.30	+ 0 30.8	1.888	2.830	8.7	20.3
5 1	15 17.15	+ 1 47.4	1.853	2.820	7.0	20.2
5 11	15 9.19	+ 2 50.7	1.844	2.811	7.3	20.2
5 21	15 1.30	+ 3 35.6	1.861	2.802	9.4	20.3
5 31	14 54.31	+ 3 58.8	1.902	2.792	12.1	20.5
6 10	14 48.94	+ 4 0.1	1.965	2.782	14.8	20.6

225026 2007 FB_{20} 5 10.4 37.°12 5.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 46.58	−24 34.0	1.433	2.224	19.7	19.6
4 11	15 41.73	−26 18.2	1.365	2.239	16.1	19.4
4 21	15 33.26	−27 54.5	1.317	2.255	12.0	19.2
5 1	15 21.86	−29 16.6	1.292	2.271	7.9	19.0
5 11	15 8.87	−30 19.6	1.292	2.289	5.5	18.9
5 21	14 55.98	−31 1.7	1.318	2.307	7.2	19.0
5 31	14 44.85	−31 25.8	1.370	2.325	10.9	19.3
6 10	14 36.69	−31 38.2	1.443	2.344	14.6	19.6

246900 1997 WB_{18} 5 10.4 151.°35 2.°2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.89	−23 48.8	2.448	3.214	13.1	21.2
4 11	15 34.82	−24 19.7	2.356	3.220	10.6	21.1
4 21	15 27.61	−24 43.1	2.287	3.225	7.6	20.9
5 1	15 18.78	−24 57.7	2.244	3.229	4.5	20.7
5 11	15 9.09	−25 3.4	2.229	3.234	2.3	20.5
5 21	14 59.44	−25 1.3	2.244	3.238	4.0	20.7
5 31	14 50.69	−24 54.1	2.286	3.242	7.2	20.9
6 10	14 43.57	−24 45.1	2.355	3.245	10.1	21.1

374966 2007 DE_{23} 5 10.4 153.°34 6.°9/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.95	− 1 3.4	2.096	2.904	13.7	22.0
4 11	15 31.67	+ 0 16.5	2.027	2.910	11.2	21.8
4 21	15 25.37	+ 1 33.9	1.980	2.917	8.7	21.7
5 1	15 17.60	+ 2 42.6	1.959	2.923	7.0	21.6
5 11	15 9.18	+ 3 36.7	1.965	2.928	7.3	21.6
5 21	15 0.94	+ 4 12.1	1.997	2.933	9.1	21.8
5 31	14 53.68	+ 4 26.6	2.054	2.938	11.6	21.9
6 10	14 48.05	+ 4 20.5	2.133	2.942	14.1	22.1

193193 2000 QD_{112} 5 10.4 306.°75 0.°2/10.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.49	−18 48.6	1.569	2.388	17.0	20.9
4 11	15 32.09	−18 38.4	1.454	2.353	13.8	20.6
4 21	15 26.70	−18 17.6	1.359	2.318	9.7	20.2
5 1	15 18.73	−17 46.7	1.286	2.283	4.9	19.9
5 11	15 9.08	−17 8.3	1.239	2.249	0.5	19.4
5 21	14 59.00	−16 26.8	1.216	2.214	5.9	19.7
5 31	14 49.90	−15 48.1	1.218	2.180	11.3	19.9
6 10	14 43.04	−15 18.6	1.241	2.146	16.2	20.1

496650 2016 AL_{122} 5 10.4 0.°82 6.°1/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.83	− 7 44.8	1.335	2.175	18.3	21.6
4 11	15 32.09	− 6 42.4	1.264	2.174	14.6	21.3
4 21	15 26.36	− 5 37.1	1.214	2.173	10.5	21.1
5 1	15 18.32	− 4 36.0	1.185	2.173	7.0	20.9
5 11	15 9.14	− 3 46.8	1.180	2.174	6.5	20.8
5 21	15 0.13	− 3 15.9	1.199	2.174	9.6	21.0
5 31	14 52.58	− 3 7.3	1.241	2.175	13.7	21.2
6 10	14 47.41	− 3 21.5	1.302	2.177	17.6	21.5

385807 2006 DH_{57} 5 10.4 30.°45 5.°6/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.76	− 3 50.4	1.635	2.456	16.4	20.0
4 11	15 33.74	− 3 34.1	1.567	2.463	13.1	19.8
4 21	15 27.12	− 3 22.0	1.518	2.470	9.6	19.6
5 1	15 18.58	− 3 18.6	1.494	2.477	6.5	19.4
5 11	15 9.13	− 3 27.8	1.494	2.485	5.8	19.4
5 21	14 59.89	− 3 51.5	1.521	2.494	8.2	19.6
5 31	14 51.92	− 4 30.4	1.572	2.503	11.7	19.8
6 10	14 46.02	− 5 23.3	1.645	2.512	14.9	20.0

110611 2001 TH_{139} 5 10.4 98.°66 5.°0/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.67	−29 2.2	1.863	2.624	16.9	19.8
4 11	15 39.38	−29 58.9	1.788	2.640	13.9	19.7
4 21	15 31.15	−30 43.2	1.732	2.656	10.6	19.5
5 1	15 20.64	−31 11.4	1.700	2.672	7.2	19.3
5 11	15 8.99	−31 21.8	1.695	2.687	5.0	19.2
5 21	14 57.49	−31 15.4	1.716	2.702	6.1	19.3
5 31	14 47.41	−30 56.3	1.765	2.717	9.1	19.5
6 10	14 39.68	−30 30.9	1.837	2.732	12.3	19.7

387016 2012 RB_{28} 5 10.4 248.°70 3.°7/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.43	− 9 51.8	2.199	3.008	13.1	21.4
4 11	15 30.65	− 8 58.8	2.101	2.994	10.4	21.2
4 21	15 24.83	− 8 1.6	2.026	2.980	7.3	20.9
5 1	15 17.43	− 7 4.2	1.977	2.966	4.5	20.7
5 11	15 9.21	− 6 11.1	1.955	2.951	4.0	20.7
5 21	15 0.98	− 5 27.0	1.962	2.936	6.5	20.8
5 31	14 53.59	− 4 55.7	1.995	2.921	9.8	21.0
6 10	14 47.74	− 4 39.3	2.051	2.905	12.9	21.1

250821 2005 UF_{69} 5 10.4 253.°17 2.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.56	−24 18.7	2.446	3.220	12.9	20.4
4 11	15 31.47	−24 34.8	2.350	3.218	10.4	20.3
4 21	15 25.34	−24 42.3	2.276	3.216	7.5	20.1
5 1	15 17.68	−24 40.6	2.227	3.214	4.4	19.9
5 11	15 9.20	−24 30.2	2.207	3.212	2.1	19.7
5 21	15 0.73	−24 12.9	2.214	3.210	3.9	19.8
5 31	14 53.11	−23 51.8	2.250	3.208	7.1	20.0
6 10	14 47.03	−23 30.4	2.311	3.206	10.1	20.2

219550 2001 RQ_{78} 5 10.4 159.°67 0.°6/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.75	−19 13.0	2.374	3.150	13.2	21.1
4 11	15 36.21	−19 27.1	2.285	3.158	10.5	21.0
4 21	15 28.52	−19 35.2	2.218	3.165	7.3	20.8
5 1	15 19.21	−19 37.4	2.178	3.171	3.7	20.5
5 11	15 9.10	−19 34.3	2.167	3.176	0.6	20.3
5 21	14 59.06	−19 27.9	2.185	3.181	3.9	20.6
5 31	14 49.98	−19 20.7	2.233	3.185	7.5	20.8
6 10	14 42.56	−19 15.6	2.306	3.189	10.6	21.0

158333 2001 WW_{25} 5 10.4 226.°50 0.°5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.33	−15 38.7	4.892	5.676	6.7	21.2
4 11	15 23.14	−15 25.6	4.790	5.671	5.3	21.1
4 21	15 19.08	−15 9.9	4.713	5.666	3.6	21.0
5 1	15 14.41	−14 52.5	4.665	5.660	1.7	20.8
5 11	15 9.43	−14 34.8	4.646	5.655	0.6	20.7
5 21	15 4.47	−14 17.8	4.658	5.650	2.3	20.9
5 31	14 59.86	−14 2.9	4.699	5.644	4.1	21.0
6 10	14 55.87	−13 51.2	4.767	5.639	5.7	21.1

212600 2006 SN_{241} 5 10.4 166.°13 0.°9/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.43	−16 34.8	2.466	3.260	12.3	21.4
4 11	15 30.35	−16 13.6	2.377	3.263	9.6	21.2
4 21	15 24.43	−15 46.6	2.311	3.265	6.6	21.0
5 1	15 17.17	−15 15.4	2.271	3.267	3.2	20.8
5 11	15 9.24	−14 42.7	2.260	3.269	1.0	20.6
5 21	15 1.40	−14 11.3	2.277	3.270	4.1	20.8
5 31	14 54.39	−13 44.5	2.322	3.271	7.4	21.0
6 10	14 48.80	−13 24.9	2.392	3.272	10.4	21.2

404616 2014 GY_{19} 5 10.4 286.°49 1.°6/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.87	−16 7.7	2.311	3.115	12.7	21.6
4 11	15 28.52	−15 21.2	2.217	3.110	10.0	21.4
4 21	15 23.27	−14 27.1	2.147	3.104	6.8	21.2
5 1	15 16.62	−13 28.2	2.103	3.099	3.4	21.0
5 11	15 9.28	−12 28.4	2.086	3.093	1.8	20.9
5 21	15 2.00	−11 31.9	2.098	3.088	4.8	21.1
5 31	14 55.56	−10 43.1	2.138	3.083	8.2	21.3
6 10	14 50.57	−10 5.3	2.201	3.077	11.3	21.5

376698 2013 QY_{80} 5 10.4 235.°10 0.°1/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.69	−19 33.1	1.988	2.783	14.8	21.6
4 11	15 33.61	−19 14.2	1.887	2.772	11.8	21.4
4 21	15 27.08	−18 45.7	1.807	2.760	8.2	21.2
5 1	15 18.63	−18 8.6	1.753	2.748	4.1	20.9
5 11	15 9.14	−17 25.5	1.725	2.735	0.3	20.5
5 21	14 59.61	−16 40.4	1.726	2.722	4.7	20.9
5 31	14 51.10	−15 58.3	1.754	2.709	9.0	21.1
6 10	14 44.44	−15 23.7	1.805	2.694	12.8	21.3

126826 2002 EL_{58} 5 10.4 270.°44 0.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.15	−17 45.2	1.895	2.702	15.0	20.0
4 11	15 31.67	−17 21.7	1.800	2.692	11.9	19.7
4 21	15 25.77	−16 49.4	1.725	2.682	8.2	19.5
5 1	15 17.98	−16 10.0	1.676	2.672	4.0	19.2
5 11	15 9.19	−15 27.0	1.653	2.662	1.0	19.0
5 21	15 0.39	−14 44.5	1.657	2.652	5.1	19.2
5 31	14 52.62	−14 7.3	1.688	2.642	9.3	19.5
6 10	14 46.71	−13 39.7	1.741	2.632	13.1	19.7

248953 2006 XX_{11} 5 10.4 244.°52 1.°8/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.16	−12 34.1	2.567	3.363	11.8	20.8
4 11	15 30.94	−12 21.8	2.465	3.352	9.3	20.6
4 21	15 24.88	−12 6.6	2.386	3.340	6.4	20.4
5 1	15 17.43	−11 50.4	2.334	3.329	3.4	20.2
5 11	15 9.24	−11 35.5	2.311	3.316	1.9	20.1
5 21	15 1.02	−11 24.0	2.316	3.304	4.6	20.2
5 31	14 53.52	−11 18.4	2.350	3.292	7.7	20.4
6 10	14 47.37	−11 20.5	2.408	3.279	10.7	20.6

55545 2001 XY_{34} 5 10.4 309.°84 7.°2/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.02	−35 52.0	1.729	2.481	18.3	18.9
4 11	15 34.80	−36 30.5	1.637	2.476	15.7	18.7
4 21	15 28.41	−36 50.0	1.563	2.470	12.6	18.5
5 1	15 19.45	−36 45.8	1.511	2.466	9.6	18.3
5 11	15 9.10	−36 15.9	1.482	2.461	7.4	18.1
5 21	14 58.74	−35 22.2	1.477	2.456	7.8	18.2
5 31	14 49.83	−34 10.8	1.498	2.452	10.3	18.3
6 10	14 43.44	−32 51.1	1.541	2.447	13.5	18.5

179746 2002 RG_{162} 5 10.4 198.°67 0.°5/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.09	−17 56.8	2.151	2.941	14.0	21.2
4 11	15 34.41	−17 39.7	2.055	2.938	11.1	21.0
4 21	15 27.45	−17 14.9	1.981	2.934	7.6	20.8
5 1	15 18.75	−16 43.9	1.934	2.929	3.8	20.5
5 11	15 9.16	−16 9.0	1.914	2.923	0.6	20.3
5 21	14 59.60	−15 33.9	1.923	2.917	4.6	20.5
5 31	14 51.02	−15 2.3	1.959	2.910	8.4	20.8
6 10	14 44.19	−14 38.1	2.021	2.903	11.9	21.0

35346 Ivanoferri 5 10.4 89.°81 2.°0/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.99	−11 51.2	2.371	3.173	12.5	19.2
4 11	15 30.83	−11 41.2	2.287	3.177	9.8	19.0
4 21	15 24.79	−11 29.1	2.225	3.180	6.7	18.9
5 1	15 17.36	−11 16.8	2.189	3.183	3.6	18.7
5 11	15 9.25	−11 6.5	2.182	3.187	2.1	18.6
5 21	15 1.23	−11 0.7	2.203	3.190	4.8	18.7
5 31	14 54.05	−11 1.3	2.251	3.194	8.0	18.9
6 10	14 48.33	−11 9.8	2.324	3.197	10.9	19.1

303818 2005 SS_{89} 5 10.4 74.°38 1.°2/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.28	−22 19.9	2.388	3.172	12.9	21.2
4 11	15 30.42	−22 19.4	2.298	3.174	10.3	21.0
4 21	15 24.59	−22 10.3	2.229	3.176	7.3	20.8
5 1	15 17.29	−21 52.9	2.187	3.178	3.9	20.6
5 11	15 9.26	−21 28.8	2.171	3.180	1.2	20.4
5 21	15 1.30	−21 0.4	2.185	3.182	3.7	20.6
5 31	14 54.21	−20 31.2	2.225	3.184	7.1	20.8
6 10	14 48.64	−20 4.8	2.291	3.186	10.2	21.0

277793 2006 ET_{23} 5 10.4 155.°87 1.°2/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.92	−16 25.4	2.017	2.821	14.3	21.4
4 11	15 31.97	−16 1.1	1.932	2.823	11.3	21.2
4 21	15 25.77	−15 29.7	1.869	2.825	7.7	21.0
5 1	15 17.91	−14 53.5	1.831	2.827	3.8	20.7
5 11	15 9.22	−14 15.6	1.821	2.829	1.3	20.5
5 21	15 0.65	−13 39.9	1.838	2.831	4.9	20.8
5 31	14 53.11	−13 10.4	1.882	2.833	8.8	21.0
6 10	14 47.32	−12 50.3	1.950	2.834	12.2	21.2

251425 2008 AZ_{113} 5 10.4 316.°66 4.°2/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.72	−29 43.5	2.099	2.866	15.0	20.2
4 11	15 31.42	−30 8.3	1.997	2.855	12.5	20.0
4 21	15 25.67	−30 20.1	1.916	2.844	9.5	19.8
5 1	15 17.98	−30 17.0	1.859	2.833	6.4	19.6
5 11	15 9.21	−29 58.6	1.827	2.822	4.3	19.4
5 21	15 0.37	−29 26.6	1.822	2.812	5.3	19.5
5 31	14 52.53	−28 45.3	1.843	2.802	8.3	19.6
6 10	14 46.55	−28 0.3	1.888	2.792	11.5	19.8

117326 2004 WV_8 5 10.4 172.°20 0.°3/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.88	−17 29.7	1.833	2.628	15.8	20.2
4 11	15 36.97	−17 28.9	1.746	2.632	12.6	20.0
4 21	15 29.40	−17 21.1	1.681	2.635	8.7	19.7
5 1	15 19.77	−17 7.2	1.641	2.637	4.3	19.5
5 11	15 9.09	−16 49.2	1.628	2.638	0.5	19.2
5 21	14 58.51	−16 30.2	1.643	2.639	5.0	19.5
5 31	14 49.14	−16 14.1	1.685	2.639	9.3	19.8
6 10	14 41.87	−16 4.4	1.751	2.639	13.2	20.0

449778 2014 OX_{122} 5 10.4 213.°84 3.°1/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.42	− 4 23.2	3.906	4.700	8.1	22.1
4 11	15 25.71	− 3 51.4	3.812	4.693	6.5	22.0
4 21	15 20.92	− 3 20.5	3.743	4.686	4.8	21.8
5 1	15 15.35	− 2 52.7	3.702	4.679	3.4	21.7
5 11	15 9.40	− 2 30.0	3.690	4.672	3.3	21.7
5 21	15 3.47	− 2 14.3	3.707	4.664	4.6	21.8
5 31	14 57.99	− 2 6.8	3.752	4.656	6.3	21.9
6 10	14 53.31	− 2 8.2	3.823	4.648	8.0	22.0

423558 2005 UN_{354} 5 10.4 173.°83 3.°0/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.36	−25 20.7	2.178	2.943	14.6	21.5
4 11	15 37.15	−25 56.5	2.085	2.945	11.9	21.3
4 21	15 29.45	−26 23.3	2.013	2.947	8.7	21.1
5 1	15 19.80	−26 39.0	1.967	2.949	5.3	20.9
5 11	15 9.09	−26 43.1	1.948	2.950	3.0	20.7
5 21	14 58.38	−26 36.6	1.958	2.951	4.7	20.8
5 31	14 48.73	−26 22.8	1.995	2.951	8.0	21.0
6 10	14 40.98	−26 6.0	2.058	2.950	11.3	21.2

416303 2003 SF_5 5 10.4 212.°32 0.°9/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.75	−21 9.8	2.066	2.848	14.7	22.4
4 11	15 35.96	−21 8.1	1.965	2.841	11.8	22.2
4 21	15 28.68	−20 57.1	1.885	2.833	8.3	21.9
5 1	15 19.44	−20 36.9	1.831	2.824	4.3	21.7
5 11	15 9.12	−20 9.0	1.804	2.814	0.9	21.4
5 21	14 58.77	−19 36.3	1.806	2.803	4.5	21.6
5 31	14 49.45	−19 3.1	1.836	2.792	8.6	21.8
6 10	14 42.02	−18 34.0	1.890	2.780	12.3	22.0

109532 2001 QM_{249} 5 10.4 143.°41 2.°3/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.25	−26 13.2	2.380	3.141	13.6	20.3
4 11	15 35.06	−26 16.7	2.295	3.154	11.0	20.1
4 21	15 27.73	−26 9.2	2.231	3.166	8.0	19.9
5 1	15 18.82	−25 50.2	2.193	3.177	4.7	19.7
5 11	15 9.17	−25 20.5	2.184	3.188	2.4	19.6
5 21	14 59.69	−24 43.1	2.203	3.198	4.0	19.7
5 31	14 51.24	−24 1.7	2.251	3.207	7.2	19.9
6 10	14 44.51	−23 21.2	2.325	3.216	10.2	20.1

342432 2008 UC_{91} 5 10.4 236.°58 2.°8/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.82	− 9 17.1	2.442	3.236	12.4	21.3
4 11	15 33.93	− 9 4.3	2.336	3.221	9.9	21.1
4 21	15 27.02	− 8 50.6	2.254	3.205	6.9	20.9
5 1	15 18.54	− 8 38.2	2.198	3.189	4.0	20.7
5 11	15 9.19	− 8 29.7	2.171	3.172	3.0	20.6
5 21	14 59.77	− 8 27.4	2.173	3.155	5.4	20.7
5 31	14 51.10	− 8 33.4	2.204	3.137	8.7	20.9
6 10	14 43.89	− 8 48.9	2.259	3.118	11.7	21.1

346697 2008 YG_{124} 5 10.4 197.°83 0.°8/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.06	−17 9.7	2.278	3.075	13.1	22.3
4 11	15 31.07	−16 47.1	2.186	3.073	10.3	22.1
4 21	15 25.05	−16 17.6	2.117	3.071	7.1	21.9
5 1	15 17.53	−15 43.0	2.073	3.069	3.5	21.7
5 11	15 9.26	−15 6.1	2.058	3.067	0.9	21.4
5 21	15 1.05	−14 30.2	2.071	3.064	4.4	21.7
5 31	14 53.73	−13 59.0	2.111	3.062	8.0	21.9
6 10	14 47.96	−13 35.6	2.176	3.059	11.2	22.1

21496 Lijianyang 5 10.4 288.°63 4.°9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.82	− 8 12.9	1.858	2.679	14.7	18.3
4 11	15 30.66	− 7 16.3	1.759	2.658	11.8	18.1
4 21	15 25.14	− 6 15.7	1.681	2.637	8.5	17.8
5 1	15 17.72	− 5 16.1	1.628	2.615	5.6	17.6
5 11	15 9.25	− 4 23.2	1.601	2.594	5.2	17.5
5 21	15 0.68	− 3 42.7	1.600	2.572	8.0	17.6
5 31	14 53.04	− 3 18.8	1.624	2.551	11.6	17.8
6 10	14 47.17	− 3 13.7	1.670	2.529	15.1	18.0

467503 2007 BO_{38} 5 10.4 75.°86 9.°4/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.30	+ 4 1.4	1.677	2.488	16.4	21.7
4 11	15 33.79	+ 5 16.9	1.632	2.511	13.7	21.5
4 21	15 26.90	+ 6 22.7	1.607	2.533	11.1	21.4
5 1	15 18.37	+ 7 11.2	1.606	2.556	9.5	21.4
5 11	15 9.22	+ 7 36.7	1.630	2.578	9.7	21.5
5 21	15 0.49	+ 7 36.6	1.677	2.601	11.4	21.6
5 31	14 53.10	+ 7 11.2	1.748	2.623	13.7	21.8
6 10	14 47.70	+ 6 23.6	1.838	2.644	16.1	22.0

15071 Hallerstein 5 10.4 129.°87 0.°9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.74	−20 45.5	2.037	2.822	14.8	17.7
4 11	15 35.73	−20 50.7	1.957	2.835	11.8	17.5
4 21	15 28.34	−20 47.4	1.899	2.847	8.2	17.3
5 1	15 19.18	−20 35.8	1.866	2.859	4.3	17.1
5 11	15 9.18	−20 17.5	1.861	2.870	0.9	16.9
5 21	14 59.36	−19 55.0	1.884	2.881	4.3	17.2
5 31	14 50.69	−19 32.3	1.935	2.892	8.2	17.4
6 10	14 43.94	−19 13.2	2.011	2.902	11.6	17.6

363548 2003 WA_{13} 5 10.4 281.°37 0.°2/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.37	−18 23.2	1.673	2.476	16.8	21.4
4 11	15 36.64	−18 32.2	1.557	2.447	13.6	21.1
4 21	15 29.82	−18 34.1	1.461	2.416	9.6	20.8
5 1	15 20.33	−18 28.6	1.389	2.385	4.9	20.4
5 11	15 9.09	−18 16.8	1.343	2.353	0.4	20.0
5 21	14 57.36	−18 1.3	1.324	2.321	5.6	20.3
5 31	14 46.61	−17 46.2	1.330	2.288	10.9	20.5
6 10	14 38.09	−17 36.7	1.358	2.255	15.6	20.7

393103 2013 AG_{159} 5 10.4 192.°93 2.°9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.37	−11 25.6	2.478	3.283	11.9	21.5
4 11	15 28.71	−10 35.4	2.390	3.282	9.3	21.3
4 21	15 23.30	− 9 41.3	2.326	3.281	6.5	21.1
5 1	15 16.63	− 8 46.4	2.289	3.280	3.7	20.9
5 11	15 9.36	− 7 54.8	2.280	3.279	3.1	20.9
5 21	15 2.17	− 7 10.1	2.299	3.278	5.4	21.0
5 31	14 55.75	− 6 35.7	2.346	3.277	8.3	21.2
6 10	14 50.68	− 6 13.5	2.417	3.275	11.1	21.4

32005 Roberthalfon 5 10.4 240.°32 0.°0/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.70	−19 8.7	1.616	2.422	17.2	19.4
4 11	15 35.85	−19 2.7	1.522	2.413	13.8	19.1
4 21	15 29.01	−18 47.0	1.447	2.403	9.6	18.8
5 1	15 19.76	−18 22.1	1.396	2.392	4.8	18.5
5 11	15 9.15	−17 50.5	1.371	2.381	0.3	18.1
5 21	14 58.46	−17 16.1	1.372	2.370	5.5	18.5
5 31	14 49.04	−16 44.3	1.399	2.358	10.4	18.8
6 10	14 41.93	−16 20.3	1.448	2.346	14.8	19.0

344002 2011 QN_{47} 5 10.4 252.°82 1.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.94	−24 39.7	4.707	5.466	7.3	20.7
4 11	15 23.73	−24 27.4	4.597	5.457	5.9	20.6
4 21	15 19.55	−24 9.3	4.512	5.449	4.2	20.4
5 1	15 14.69	−23 45.9	4.454	5.440	2.4	20.3
5 11	15 9.50	−23 18.2	4.425	5.431	1.0	20.2
5 21	15 4.32	−22 47.5	4.427	5.423	2.1	20.2
5 31	14 59.52	−22 15.7	4.458	5.414	3.9	20.4
6 10	14 55.43	−21 44.5	4.516	5.405	5.7	20.5

169603 2002 GP_{84} 5 10.4 12.°38 2.°9/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.33	−12 7.7	1.298	2.134	19.0	19.3
4 11	15 34.30	−11 59.9	1.226	2.135	15.0	19.0
4 21	15 28.05	−11 48.6	1.173	2.136	10.4	18.8
5 1	15 19.27	−11 37.0	1.142	2.139	5.5	18.5
5 11	15 9.19	−11 29.0	1.135	2.142	3.0	18.3
5 21	14 59.26	−11 28.2	1.152	2.145	7.2	18.6
5 31	14 50.88	−11 38.1	1.192	2.149	12.1	18.9
6 10	14 45.09	−12 0.5	1.253	2.153	16.5	19.1

185394 2006 WU_{60} 5 10.4 125.°51 4.°9/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.93	− 2 33.0	2.795	3.594	10.9	21.4
4 11	15 28.78	− 1 29.2	2.727	3.609	8.7	21.3
4 21	15 23.15	− 0 27.2	2.684	3.623	6.6	21.1
5 1	15 16.49	+ 0 28.8	2.668	3.636	5.1	21.1
5 11	15 9.40	+ 1 15.2	2.680	3.650	5.2	21.1
5 21	15 2.45	+ 1 48.9	2.720	3.662	6.7	21.2
5 31	14 56.24	+ 2 8.1	2.787	3.675	8.8	21.3
6 10	14 51.21	+ 2 12.7	2.877	3.687	10.8	21.5

5133 Phillipadams 5 10.4 236.°62 3.°7/ 7.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.45	− 7 21.7	2.370	3.169	12.6	17.1
4 11	15 32.89	− 6 55.6	2.270	3.156	10.0	16.9
4 21	15 26.33	− 6 29.1	2.192	3.142	7.2	16.7
5 1	15 18.22	− 6 5.1	2.140	3.127	4.5	16.5
5 11	15 9.28	− 5 47.1	2.117	3.112	3.9	16.5
5 21	15 0.30	− 5 37.8	2.122	3.096	6.2	16.6
5 31	14 52.09	− 5 39.5	2.154	3.080	9.2	16.7
6 10	14 45.36	− 5 53.1	2.211	3.063	12.2	16.9

419213 2009 UB_{130} 5 10.4 175.°61 1.°6/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.20	−12 43.8	2.465	3.252	12.5	22.0
4 11	15 34.87	−12 39.5	2.374	3.255	9.8	21.8
4 21	15 27.56	−12 32.7	2.306	3.258	6.8	21.6
5 1	15 18.77	−12 24.8	2.265	3.259	3.5	21.4
5 11	15 9.25	−12 17.8	2.254	3.260	1.7	21.2
5 21	14 59.78	−12 13.6	2.272	3.261	4.5	21.4
5 31	14 51.18	−12 14.4	2.318	3.260	7.8	21.6
6 10	14 44.10	−12 21.9	2.391	3.259	10.8	21.8

64535 2001 VF_{117} 5 10.4 109.°94 0.°0/10.3 18

4 1	15 35.85	−18 31.0	2.485	3.272	12.4	19.7
4 11	15 31.43	−18 26.6	2.403	3.284	9.8	19.5
4 21	15 25.17	−18 16.2	2.345	3.296	6.7	19.3
5 1	15 17.56	−18 0.7	2.313	3.308	3.3	19.1
5 11	15 9.33	−17 41.8	2.309	3.319	0.2	18.9
5 21	15 1.24	−17 21.9	2.335	3.330	3.7	19.2
5 31	14 54.01	−17 3.8	2.388	3.342	7.0	19.4
6 10	14 48.24	−16 50.3	2.467	3.352	9.9	19.6

117342 2004 XJ_{38} 5 10.4 144.°07 5.°2/ 6.2 17

4 1	15 34.61	− 5 52.7	2.167	2.977	13.2	20.5
4 11	15 30.62	− 4 41.2	2.093	2.984	10.5	20.3
4 21	15 24.68	− 3 28.8	2.042	2.990	7.7	20.2
5 1	15 17.34	− 2 20.7	2.017	2.996	5.5	20.1
5 11	15 9.36	− 1 22.2	2.020	3.002	5.5	20.1
5 21	15 1.54	− 0 37.8	2.050	3.007	7.6	20.2
5 31	14 54.66	− 0 10.3	2.105	3.012	10.3	20.4
6 10	14 49.32	− 0 0.6	2.184	3.017	13.0	20.6

165563 2001 DK_{57} 5 10.4 352.°67 2.°3/ 9.2 17

4 1	15 30.80	−14 23.1	1.411	2.250	17.5	19.8
4 11	15 28.97	−14 0.7	1.332	2.243	13.9	19.6
4 21	15 24.30	−13 31.1	1.272	2.237	9.5	19.3
5 1	15 17.41	−12 57.8	1.235	2.232	4.9	19.0
5 11	15 9.35	−12 25.3	1.221	2.229	2.5	18.8
5 21	15 1.35	−11 58.8	1.232	2.227	6.6	19.1
5 31	14 54.65	−11 42.9	1.267	2.225	11.3	19.3
6 10	14 50.18	−11 40.9	1.322	2.226	15.5	19.6

421316 2013 TP_{52} 5 10.4 225.°02 3.°1/14.2 18

4 1	15 30.80	−33 51.2	4.521	5.232	8.3	20.9
4 11	15 26.90	−34 14.8	4.416	5.231	7.0	20.8
4 21	15 21.82	−34 30.6	4.335	5.230	5.5	20.7
5 1	15 15.87	−34 37.8	4.280	5.229	4.1	20.6
5 11	15 9.47	−34 36.4	4.253	5.228	3.2	20.6
5 21	15 3.06	−34 27.1	4.255	5.227	3.4	20.6
5 31	14 57.09	−34 11.2	4.285	5.226	4.6	20.6
6 10	14 51.98	−33 51.0	4.343	5.225	6.0	20.8

105172 2000 OS_{20} 5 10.4 210.°61 5.°3/14.7 18

4 1	15 39.79	−36 46.5	3.047	3.748	12.1	20.2
4 11	15 34.73	−37 26.3	2.939	3.741	10.4	20.1
4 21	15 27.61	−37 54.3	2.852	3.734	8.5	19.9
5 1	15 18.89	−38 7.9	2.789	3.726	6.6	19.8
5 11	15 9.27	−38 5.7	2.754	3.718	5.4	19.7
5 21	14 59.58	−37 48.2	2.746	3.709	5.6	19.7
5 31	14 50.65	−37 17.9	2.767	3.700	7.1	19.8
6 10	14 43.22	−36 39.1	2.813	3.691	9.1	19.9

174837 2003 YP_{112} 5 10.4 232.°02 3.°9/12.7 18 R

4 1	15 39.98	−28 28.8	1.862	2.634	16.5	20.4
4 11	15 35.90	−28 45.6	1.763	2.625	13.7	20.2
4 21	15 28.97	−28 48.1	1.683	2.616	10.2	20.0
5 1	15 19.73	−28 34.1	1.626	2.606	6.6	19.7
5 11	15 9.22	−28 3.4	1.596	2.596	4.0	19.5
5 21	14 58.64	−27 18.6	1.592	2.585	5.5	19.6
5 31	14 49.26	−26 25.1	1.614	2.574	9.2	19.8
6 10	14 42.09	−25 30.0	1.661	2.563	13.0	20.0

16085 Laffan 5 10.4 251.°83 0.°9/10.9 18

4 1	15 36.29	−21 15.6	2.027	2.819	14.6	19.3
4 11	15 32.49	−21 12.0	1.931	2.813	11.7	19.1
4 21	15 26.32	−20 59.0	1.856	2.806	8.2	18.9
5 1	15 18.31	−20 36.9	1.806	2.799	4.3	18.6
5 11	15 9.32	−20 7.5	1.783	2.792	0.9	18.3
5 21	15 0.33	−19 34.0	1.787	2.785	4.4	18.6
5 31	14 52.34	−19 0.6	1.818	2.777	8.4	18.8
6 10	14 46.17	−18 31.8	1.874	2.770	12.0	19.0

125523 2001 WH_{48} 5 10.4 137.°79 4.°1/ 7.7 18

4 1	15 38.16	− 7 25.5	2.094	2.899	13.8	20.6
4 11	15 33.47	− 6 48.9	2.020	2.909	10.9	20.4
4 21	15 26.67	− 6 11.9	1.968	2.919	7.8	20.2
5 1	15 18.34	− 5 38.2	1.942	2.928	4.9	20.1
5 11	15 9.32	− 5 11.9	1.943	2.937	4.3	20.1
5 21	15 0.48	− 4 56.1	1.973	2.946	6.7	20.2
5 31	14 52.67	− 4 52.9	2.029	2.954	9.7	20.4
6 10	14 46.55	− 5 3.3	2.108	2.961	12.7	20.6

202413 2005 TZ_{183} 5 10.4 136.°55 5.°0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.50	− 8 16.2	1.510	2.333	17.4	20.3
4 11	15 35.43	− 7 33.9	1.438	2.338	13.8	20.1
4 21	15 28.49	− 6 49.9	1.386	2.342	9.8	19.9
5 1	15 19.40	− 6 9.3	1.358	2.347	6.1	19.7
5 11	15 9.26	− 5 37.9	1.355	2.351	5.2	19.6
5 21	14 59.32	− 5 20.3	1.377	2.356	8.3	19.8
5 31	14 50.78	− 5 19.6	1.424	2.359	12.3	20.1
6 10	14 44.54	− 5 36.6	1.492	2.363	16.0	20.3

35094 1991 GW_2 5 10.4 351.°90 0.°2/10.2 18

4 1	15 32.88	−18 7.7	2.003	2.810	14.3	18.6
4 11	15 29.73	−18 0.0	1.914	2.806	11.3	18.3
4 21	15 24.36	−17 44.9	1.847	2.804	7.8	18.1
5 1	15 17.31	−17 23.9	1.805	2.801	3.8	17.9
5 11	15 9.40	−16 59.3	1.789	2.799	0.4	17.6
5 21	15 1.53	−16 34.2	1.801	2.798	4.5	17.9
5 31	14 54.64	−16 12.5	1.839	2.797	8.4	18.1
6 10	14 49.45	−15 57.3	1.900	2.796	11.9	18.3

277601 2006 AA_{46} 5 10.4 85.°71 5.°2/ 7.3 18

4 1	15 38.28	− 5 25.3	1.904	2.714	14.8	21.3
4 11	15 33.58	− 4 38.5	1.847	2.738	11.7	21.1
4 21	15 26.71	− 3 53.1	1.812	2.762	8.5	21.0
5 1	15 18.33	− 3 13.9	1.803	2.785	5.8	20.9
5 11	15 9.35	− 2 45.6	1.820	2.808	5.4	20.9
5 21	15 0.71	− 2 31.0	1.865	2.831	7.6	21.1
5 31	14 53.25	− 2 32.1	1.935	2.853	10.5	21.3
6 10	14 47.61	− 2 48.6	2.027	2.875	13.3	21.5

434131 2002 QK_{90} 5 10.4 288.°60 3.°9/12.4 16

4 1	15 38.43	−27 4.0	2.027	2.800	15.3	21.4
4 11	15 34.63	−27 40.5	1.913	2.776	12.7	21.2
4 21	15 28.14	−28 7.1	1.819	2.753	9.6	20.9
5 1	15 19.40	−28 21.1	1.750	2.729	6.2	20.7
5 11	15 9.26	−28 21.2	1.706	2.705	3.9	20.5
5 21	14 58.82	−28 8.3	1.690	2.682	5.4	20.5
5 31	14 49.30	−27 45.6	1.700	2.658	8.9	20.7
6 10	14 41.72	−27 18.3	1.734	2.634	12.6	20.8

212362 2006 FS_{41} 5 10.4 1.°54 3.°0/ 8.9 18

4 1	15 29.44	−15 18.6	1.036	1.897	20.9	19.7
4 11	15 28.77	−14 37.7	0.970	1.894	16.5	19.4
4 21	15 24.61	−13 44.9	0.922	1.893	11.3	19.1
5 1	15 17.70	−12 45.5	0.894	1.893	5.8	18.8
5 11	15 9.38	−11 47.3	0.887	1.894	3.3	18.6
5 21	15 1.25	−10 58.5	0.902	1.897	8.1	18.9
5 31	14 54.84	−10 26.4	0.938	1.901	13.5	19.2
6 10	14 51.23	−10 15.1	0.992	1.907	18.3	19.5

388811 2008 BE_{48} 5 10.4 321.°47 0.°2/10.5 17

4 1	15 35.24	−18 31.6	2.178	2.974	13.6	21.0
4 11	15 31.44	−18 38.2	2.084	2.970	10.8	20.8
4 21	15 25.48	−18 38.6	2.012	2.965	7.5	20.6
5 1	15 17.87	−18 33.3	1.966	2.961	3.8	20.4
5 11	15 9.38	−18 24.0	1.947	2.957	0.3	20.1
5 21	15 0.89	−18 12.6	1.956	2.953	4.1	20.4
5 31	14 53.30	−18 2.3	1.992	2.949	7.9	20.6
6 10	14 47.35	−17 55.9	2.052	2.945	11.3	20.8

430077 2013 ST_{48} 5 10.4 125.°44 1.°2/11.1 15

4 1	15 41.84	−20 26.5	2.107	2.888	14.5	21.7
4 11	15 36.61	−20 51.5	2.025	2.900	11.6	21.6
4 21	15 28.99	−21 9.8	1.965	2.911	8.1	21.4
5 1	15 19.58	−21 20.6	1.930	2.921	4.3	21.1
5 11	15 9.27	−21 24.5	1.923	2.932	1.2	20.9
5 21	14 59.08	−21 22.9	1.945	2.942	4.2	21.2
5 31	14 49.98	−21 18.8	1.995	2.951	8.0	21.4
6 10	14 42.77	−21 15.5	2.070	2.961	11.3	21.6

176820 2002 TO_{100} 5 10.4 288.°55 6.°2/13.5 17

4 1	15 38.77	−31 29.4	1.619	2.393	18.5	20.4
4 11	15 35.66	−32 13.4	1.520	2.379	15.6	20.1
4 21	15 29.26	−32 41.8	1.440	2.365	12.2	19.9
5 1	15 20.07	−32 50.0	1.381	2.351	8.7	19.7
5 11	15 9.22	−32 35.7	1.346	2.337	6.3	19.5
5 21	14 58.16	−31 59.8	1.336	2.323	7.3	19.5
5 31	14 48.45	−31 7.9	1.350	2.310	10.7	19.6
6 10	14 41.32	−30 8.6	1.387	2.296	14.5	19.8

270295 2001 VK_{115} 5 10.4 81.°80 1.°3/11.8 18

4 1	15 31.49	−25 9.2	3.186	3.951	10.4	20.7
4 11	15 27.65	−24 50.9	3.104	3.968	8.3	20.5
4 21	15 22.40	−24 24.0	3.046	3.985	5.9	20.4
5 1	15 16.17	−23 49.3	3.014	4.001	3.3	20.2
5 11	15 9.51	−23 8.4	3.011	4.018	1.3	20.1
5 21	15 2.99	−22 23.9	3.038	4.034	2.9	20.2
5 31	14 57.16	−21 38.7	3.093	4.051	5.4	20.4
6 10	14 52.46	−20 55.9	3.176	4.067	7.7	20.6

374605 2006 DK_{133} 5 10.4 285.°90 3.°7/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.12	−36 47.5	4.460	5.155	8.6	21.1
4 11	15 27.23	−37 13.4	4.354	5.153	7.3	21.0
4 21	15 22.10	−37 30.5	4.271	5.150	6.0	20.9
5 1	15 16.05	−37 37.9	4.213	5.147	4.6	20.8
5 11	15 9.51	−37 35.4	4.183	5.145	3.8	20.7
5 21	15 2.96	−37 23.5	4.180	5.142	3.9	20.7
5 31	14 56.88	−37 3.8	4.206	5.139	4.9	20.8
6 10	14 51.69	−36 38.6	4.259	5.137	6.2	20.9

98033 2000 RG_{11} 5 10.4 249.°42 1.°6/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.36	−18 7.5	1.783	2.589	15.8	19.9
4 11	15 33.68	−17 14.5	1.680	2.573	12.6	19.6
4 21	15 27.36	−16 8.7	1.599	2.556	8.7	19.4
5 1	15 18.93	−14 52.6	1.542	2.539	4.3	19.0
5 11	15 9.33	−13 31.4	1.512	2.521	1.8	18.8
5 21	14 59.67	−12 11.6	1.510	2.502	5.9	19.1
5 31	14 51.12	−11 0.6	1.534	2.483	10.5	19.3
6 10	14 44.58	−10 4.2	1.582	2.464	14.6	19.5

57982 2002 PB_{110} 5 10.4 187.°98 1.°2/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 40.13	−21 41.2	1.943	2.730	15.4	20.1
4 11	15 35.59	−21 43.7	1.852	2.730	12.3	19.9
4 21	15 28.50	−21 36.6	1.782	2.729	8.7	19.6
5 1	15 19.42	−21 19.6	1.736	2.728	4.6	19.4
5 11	15 9.30	−20 54.4	1.717	2.726	1.2	19.1
5 21	14 59.23	−20 23.8	1.727	2.724	4.6	19.4
5 31	14 50.29	−19 52.4	1.763	2.721	8.7	19.6
6 10	14 43.34	−19 24.8	1.824	2.718	12.4	19.8

101429 1998 VF_{31} 5 10.4 43.°77 7.°2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.63	−40 40.7	0.545	1.393	35.3	18.1
4 11	15 38.90	−33 46.2	0.482	1.402	28.0	17.6
4 21	15 32.05	−24 19.3	0.437	1.411	18.2	17.1
5 1	15 21.14	−12 58.1	0.421	1.422	8.3	16.7
5 11	15 9.24	− 1 38.8	0.436	1.434	11.4	16.9
5 21	14 59.08	+ 7 38.0	0.480	1.446	20.9	17.4
5 31	14 52.46	+14 5.4	0.546	1.459	28.6	18.0
6 10	14 50.08	+18 2.9	0.625	1.472	33.9	18.4

272653 2005 WR_{162} 5 10.4 47.°01 4.°8/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.32	−32 26.0	1.688	2.459	17.9	19.6
4 11	15 33.08	−32 26.4	1.610	2.468	14.9	19.4
4 21	15 26.96	−32 6.7	1.551	2.478	11.4	19.2
5 1	15 18.66	−31 25.1	1.514	2.487	7.7	19.0
5 11	15 9.37	−30 23.0	1.502	2.498	5.0	18.9
5 21	15 0.34	−29 5.3	1.516	2.508	5.9	19.0
5 31	14 52.78	−27 39.7	1.555	2.518	9.2	19.2
6 10	14 47.55	−26 15.2	1.618	2.529	12.7	19.4

27762 1991 RD_{16} 5 10.4 230.°08 3.°0/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.47	−13 3.4	1.774	2.583	15.8	19.9
4 11	15 35.28	−12 21.4	1.678	2.572	12.5	19.6
4 21	15 28.42	−11 32.3	1.602	2.559	8.7	19.4
5 1	15 19.45	−10 39.7	1.552	2.546	4.7	19.1
5 11	15 9.31	− 9 48.4	1.528	2.532	3.2	19.0
5 21	14 59.13	− 9 3.8	1.532	2.517	6.7	19.1
5 31	14 50.05	− 8 30.8	1.561	2.502	11.0	19.3
6 10	14 43.01	− 8 13.0	1.613	2.486	14.9	19.5

492332 2014 DD_{31} 5 10.4 152.°79 2.°4/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.98	−26 55.8	2.388	3.154	13.4	21.6
4 11	15 31.84	−26 51.8	2.296	3.158	10.9	21.4
4 21	15 25.64	−26 36.0	2.226	3.162	7.9	21.2
5 1	15 17.90	−26 8.2	2.182	3.165	4.8	21.0
5 11	15 9.42	−25 29.7	2.165	3.169	2.4	20.8
5 21	15 1.04	−24 43.4	2.176	3.172	4.0	21.0
5 31	14 53.61	−23 53.5	2.215	3.174	7.1	21.2
6 10	14 47.79	−23 5.0	2.280	3.177	10.1	21.4

120922 1998 SO_{93} 5 10.4 254.°84 1.°2/11.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 40.74	−21 26.4	1.616	2.416	17.4	21.0
4 11	15 36.92	−21 30.6	1.513	2.399	14.1	20.7
4 21	15 29.98	−21 24.0	1.429	2.381	10.1	20.4
5 1	15 20.41	−21 5.7	1.369	2.362	5.4	20.1
5 11	15 9.26	−20 36.9	1.334	2.343	1.2	19.7
5 21	14 57.88	−20 1.1	1.326	2.324	5.5	20.0
5 31	14 47.70	−19 23.9	1.343	2.304	10.5	20.2
6 10	14 39.91	−18 51.5	1.383	2.283	15.1	20.4

347783 2002 CV_{293} 5 10.4 23.°90 12.°2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.64	−52 37.9	1.963	2.607	19.5	19.3
4 11	15 36.57	−53 37.0	1.890	2.617	17.8	19.2
4 21	15 29.83	−54 9.9	1.831	2.628	16.0	19.1
5 1	15 20.23	−54 10.1	1.789	2.640	14.2	19.0
5 11	15 9.28	−53 34.2	1.767	2.653	12.8	18.9
5 21	14 58.69	−52 23.1	1.765	2.666	12.2	18.9
5 31	14 50.06	−50 42.8	1.786	2.681	12.5	18.9
6 10	14 44.43	−48 43.5	1.830	2.695	13.7	19.1

502538 2015 BY_{445} 5 10.4 266.°91 6.°1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.53	− 3 57.7	1.878	2.695	14.7	21.6
4 11	15 31.89	− 3 2.9	1.790	2.683	11.9	21.4
4 21	15 25.92	− 2 8.7	1.724	2.671	8.9	21.2
5 1	15 18.15	− 1 20.4	1.682	2.660	6.6	21.1
5 11	15 9.42	− 0 44.0	1.666	2.648	6.5	21.0
5 21	15 0.69	− 0 23.8	1.676	2.636	8.8	21.1
5 31	14 52.95	− 0 22.6	1.711	2.624	11.9	21.3
6 10	14 46.99	− 0 40.8	1.767	2.611	15.1	21.5

161428 2003 WD_{57} 5 10.4 230.°62 0.°6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.00	−18 25.3	2.157	2.955	13.7	20.7
4 11	15 31.24	−17 57.9	2.062	2.950	10.8	20.5
4 21	15 25.33	−17 22.1	1.990	2.944	7.5	20.3
5 1	15 17.81	−16 39.4	1.942	2.938	3.7	20.0
5 11	15 9.45	−15 53.0	1.923	2.932	0.7	19.8
5 21	15 1.14	−15 6.9	1.931	2.926	4.5	20.1
5 31	14 53.76	−14 25.3	1.967	2.920	8.3	20.3
6 10	14 48.01	−13 52.1	2.027	2.913	11.7	20.5

9273 Schloerb 5 10.4 1.°12 0.°8/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 32.16	−17 49.2	1.203	2.046	19.7	17.5
4 11	15 30.58	−17 35.1	1.131	2.044	15.7	17.3
4 21	15 25.71	−17 9.7	1.077	2.043	10.8	17.0
5 1	15 18.24	−16 35.3	1.044	2.043	5.3	16.7
5 11	15 9.42	−15 56.6	1.034	2.044	1.0	16.4
5 21	15 0.73	−15 19.3	1.047	2.046	6.4	16.7
5 31	14 53.62	−14 50.1	1.083	2.049	11.8	17.0
6 10	14 49.15	−14 33.7	1.138	2.053	16.5	17.3

74069 1998 MO_7 5 10.4 194.°90 8.°3/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 42.55	−39 35.2	1.879	2.599	18.0	19.6
4 11	15 38.35	−40 21.1	1.787	2.598	15.7	19.4
4 21	15 30.87	−40 47.3	1.713	2.597	13.0	19.2
5 1	15 20.78	−40 48.2	1.660	2.595	10.4	19.0
5 11	15 9.26	−40 21.1	1.631	2.593	8.6	18.9
5 21	14 57.78	−39 27.0	1.626	2.590	8.6	18.9
5 31	14 47.80	−38 12.0	1.647	2.588	10.5	19.0
6 10	14 40.44	−36 45.4	1.691	2.585	13.2	19.2

32720 Simoeisios 5 10.4 320.°26 0.°6/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 27.03	−22 3.6	4.365	5.135	7.7	19.3
4 11	15 23.87	−21 49.1	4.265	5.134	6.1	19.2
4 21	15 19.71	−21 29.3	4.189	5.134	4.3	19.0
5 1	15 14.85	−21 5.1	4.142	5.133	2.2	18.9
5 11	15 9.64	−20 37.5	4.123	5.132	0.6	18.7
5 21	15 4.47	−20 8.1	4.134	5.131	2.2	18.9
5 31	14 59.72	−19 38.8	4.175	5.131	4.2	19.0
6 10	14 55.71	−19 11.3	4.243	5.130	6.1	19.2

348084 2003 WO_{94} 5 10.4 190.°96 1.°2/11.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.15	−23 2.3	2.228	3.011	13.8	21.2
4 11	15 32.11	−22 53.4	2.135	3.010	11.1	21.0
4 21	15 25.91	−22 34.3	2.063	3.009	7.8	20.8
5 1	15 18.09	−22 5.3	2.017	3.008	4.2	20.6
5 11	15 9.44	−21 28.2	1.998	3.007	1.2	20.4
5 21	15 0.85	−20 46.3	2.007	3.005	4.0	20.6
5 31	14 53.23	−20 3.8	2.044	3.003	7.6	20.8
6 10	14 47.27	−19 25.2	2.106	3.001	11.0	21.0

199520 2006 DT_{143} 5 10.4 331.°89 2.°2/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.61	−14 5.7	1.809	2.625	15.2	20.1
4 11	15 31.27	−13 34.5	1.724	2.622	12.0	19.9
4 21	15 25.53	−12 57.2	1.661	2.620	8.2	19.7
5 1	15 17.95	−12 16.6	1.622	2.618	4.3	19.4
5 11	15 9.45	−11 36.9	1.609	2.616	2.4	19.3
5 21	15 1.02	−11 2.6	1.623	2.614	5.8	19.5
5 31	14 53.68	−10 37.8	1.663	2.612	9.9	19.7
6 10	14 48.22	−10 25.4	1.726	2.610	13.5	19.9

30458 2000 OC_6 5 10.4 118.°27 2.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.22	−26 54.8	2.399	3.166	13.3	18.6
4 11	15 31.20	−26 46.0	2.310	3.173	10.8	18.4
4 21	15 25.17	−26 25.3	2.244	3.180	7.8	18.2
5 1	15 17.67	−25 52.6	2.203	3.187	4.7	18.0
5 11	15 9.47	−25 9.5	2.189	3.194	2.3	17.9
5 21	15 1.41	−24 19.3	2.204	3.200	3.9	18.0
5 31	14 54.29	−23 26.2	2.247	3.206	7.0	18.2
6 10	14 48.76	−22 35.1	2.315	3.213	10.0	18.4

26129 1993 DK 5 10.4 54.°60 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 42.24	−28 17.4	1.278	2.077	21.2	17.0
4 11	15 37.56	−26 29.7	1.232	2.116	16.8	16.8
4 21	15 29.67	−24 16.8	1.205	2.156	11.6	16.6
5 1	15 19.76	−21 44.8	1.201	2.195	5.8	16.4
5 11	15 9.37	−19 5.0	1.225	2.234	0.6	16.1
5 21	14 59.93	−16 31.0	1.276	2.274	5.7	16.6
5 31	14 52.57	−14 15.1	1.353	2.312	10.6	16.9
6 10	14 47.91	−12 25.1	1.453	2.351	14.8	17.3

499242 2009 UW_{141} 5 10.4 211.°79 0.°2/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.64	−18 29.6	2.396	3.180	12.9	22.8
4 11	15 33.91	−18 19.2	2.294	3.172	10.3	22.6
4 21	15 27.10	−18 2.0	2.214	3.164	7.1	22.3
5 1	15 18.69	−17 38.7	2.160	3.155	3.5	22.1
5 11	15 9.42	−17 11.3	2.135	3.145	0.3	21.8
5 21	15 0.13	−16 42.5	2.139	3.134	4.1	22.1
5 31	14 51.69	−16 15.8	2.172	3.123	7.7	22.3
6 10	14 44.80	−15 54.4	2.230	3.111	11.0	22.5

97214 1999 XW_{41} 5 10.4 200.°46 0.°5/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.08	−21 10.9	2.733	3.506	11.7	21.9
4 11	15 32.39	−20 56.2	2.630	3.501	9.4	21.7
4 21	15 25.89	−20 33.5	2.550	3.496	6.5	21.5
5 1	15 18.03	−20 3.4	2.497	3.490	3.4	21.3
5 11	15 9.46	−19 27.9	2.473	3.483	0.5	21.1
5 21	15 0.93	−18 49.5	2.479	3.475	3.5	21.3
5 31	14 53.15	−18 11.6	2.514	3.467	6.7	21.5
6 10	14 46.74	−17 37.6	2.575	3.458	9.6	21.7

54582 2000 QU_{179} 5 10.4 253.°48 0.°5/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.91	−15 55.5	4.556	5.341	7.2	20.0
4 11	15 23.72	−15 41.6	4.454	5.335	5.6	19.8
4 21	15 19.59	−15 24.9	4.377	5.329	3.8	19.7
5 1	15 14.80	−15 6.2	4.328	5.323	1.9	19.5
5 11	15 9.67	−14 47.0	4.308	5.317	0.6	19.4
5 21	15 4.56	−14 28.5	4.319	5.311	2.4	19.6
5 31	14 59.82	−14 12.2	4.359	5.305	4.3	19.7
6 10	14 55.76	−13 59.4	4.425	5.299	6.1	19.8

90568 2004 GV_9 5 10.4 38.°36 0.°2/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.17	−25 45.5	38.909	39.658	1.0	19.9
4 11	15 12.47	−25 43.2	38.808	39.660	0.8	19.9
4 21	15 11.67	−25 40.2	38.732	39.661	0.6	19.8
5 1	15 10.82	−25 36.7	38.683	39.663	0.3	19.8
5 11	15 9.93	−25 32.7	38.663	39.664	0.2	19.8
5 21	15 9.04	−25 28.2	38.672	39.666	0.3	19.8
5 31	15 8.19	−25 23.6	38.710	39.667	0.5	19.8
6 10	15 7.40	−25 18.9	38.776	39.669	0.7	19.9

286411 2001 YM_{105} 5 10.4 179.°05 2.°5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.71	−13 14.5	1.984	2.783	14.7	21.8
4 11	15 35.78	−12 39.0	1.897	2.785	11.6	21.6
4 21	15 28.48	−11 58.0	1.833	2.787	8.0	21.4
5 1	15 19.38	−11 14.5	1.794	2.788	4.2	21.2
5 11	15 9.39	−10 32.4	1.783	2.788	2.7	21.1
5 21	14 59.52	− 9 56.0	1.800	2.787	5.8	21.3
5 31	14 50.74	− 9 29.1	1.845	2.785	9.6	21.5
6 10	14 43.82	− 9 14.6	1.913	2.782	13.1	21.7

479151 2013 BJ_{74} 5 10.4 151.°77 4.°2/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.94	−32 46.4	2.651	3.385	13.0	21.5
4 11	15 32.55	−33 3.7	2.557	3.390	10.9	21.4
4 21	15 26.12	−33 8.1	2.485	3.394	8.4	21.2
5 1	15 18.18	−32 58.2	2.437	3.398	6.0	21.1
5 11	15 9.47	−32 33.9	2.416	3.402	4.3	21.0
5 21	15 0.84	−31 57.2	2.423	3.406	4.8	21.0
5 31	14 53.12	−31 11.5	2.458	3.409	6.9	21.1
6 10	14 46.97	−30 21.8	2.519	3.412	9.4	21.3

7603 Salopia 5 10.4 333.°71 1.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.48	−17 58.1	2.033	2.840	14.1	17.6
4 11	15 29.35	−17 12.3	1.944	2.837	11.1	17.4
4 21	15 24.07	−16 16.7	1.876	2.834	7.6	17.2
5 1	15 17.20	−15 14.1	1.834	2.831	3.7	16.9
5 11	15 9.54	−14 8.9	1.820	2.828	1.3	16.7
5 21	15 1.97	−13 6.0	1.833	2.826	4.9	17.0
5 31	14 55.37	−12 10.6	1.872	2.823	8.8	17.2
6 10	14 50.43	−11 26.8	1.936	2.821	12.2	17.4

454082 2013 AC_{58} 5 10.4 107.°40 2.°8/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.26	−25 14.0	1.415	2.215	19.5	21.3
4 11	15 37.40	−25 21.7	1.342	2.225	15.8	21.0
4 21	15 30.20	−25 13.8	1.287	2.234	11.4	20.8
5 1	15 20.41	−24 49.0	1.253	2.243	6.5	20.5
5 11	15 9.34	−24 8.9	1.245	2.251	2.8	20.3
5 21	14 58.53	−23 18.3	1.261	2.260	5.7	20.5
5 31	14 49.41	−22 24.5	1.303	2.268	10.4	20.8
6 10	14 43.01	−21 35.3	1.367	2.276	14.7	21.1

314752 2006 SA_{239} 5 10.4 340.°68 1.°8/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.01	−21 19.0	1.243	2.074	19.9	20.6
4 11	15 32.27	−21 39.8	1.161	2.065	16.1	20.3
4 21	15 27.10	−21 49.2	1.096	2.056	11.5	20.0
5 1	15 19.07	−21 46.2	1.053	2.047	6.2	19.6
5 11	15 9.41	−21 31.9	1.031	2.040	1.8	19.3
5 21	14 59.68	−21 9.8	1.034	2.034	6.1	19.6
5 31	14 51.47	−20 45.7	1.059	2.029	11.5	19.9
6 10	14 46.05	−20 26.3	1.104	2.025	16.4	20.1

268246 2005 MQ_2 5 10.4 282.°99 7.°1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.91	− 3 2.3	1.737	2.555	15.7	20.7
4 11	15 33.41	− 2 4.5	1.636	2.529	12.8	20.4
4 21	15 27.28	− 1 6.9	1.556	2.503	9.8	20.2
5 1	15 18.99	− 0 15.7	1.500	2.476	7.5	20.0
5 11	15 9.42	+ 0 22.3	1.469	2.449	7.4	19.9
5 21	14 59.65	+ 0 41.5	1.463	2.421	10.0	20.0
5 31	14 50.84	+ 0 38.3	1.481	2.393	13.5	20.1
6 10	14 43.96	+ 0 12.3	1.520	2.366	17.1	20.3

31757 1999 JO_{98} 5 10.4 311.°19 6.°0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.54	− 4 8.2	2.129	2.946	13.2	18.7
4 11	15 28.39	− 2 44.2	2.048	2.942	10.6	18.5
4 21	15 23.30	− 1 19.4	1.991	2.938	8.0	18.3
5 1	15 16.79	+ 0 0.2	1.960	2.933	6.2	18.2
5 11	15 9.57	+ 1 8.5	1.956	2.929	6.5	18.2
5 21	15 2.44	+ 2 0.4	1.978	2.925	8.5	18.3
5 31	14 56.18	+ 2 32.7	2.025	2.922	11.2	18.5
6 10	14 51.40	+ 2 44.6	2.093	2.918	13.8	18.6

434862 2006 SL_{263} 5 10.4 313.°27 1.°3/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.87	−24 20.8	2.027	2.819	14.7	20.8
4 11	15 29.85	−23 56.0	1.929	2.810	11.8	20.6
4 21	15 24.55	−23 17.8	1.852	2.800	8.4	20.4
5 1	15 17.49	−22 26.8	1.800	2.791	4.6	20.1
5 11	15 9.52	−21 25.6	1.774	2.783	1.3	19.8
5 21	15 1.60	−20 18.9	1.776	2.774	4.3	20.0
5 31	14 54.67	−19 12.4	1.804	2.766	8.2	20.3
6 10	14 49.49	−18 11.9	1.857	2.758	11.9	20.5

29121 1981 QP_2 5 10.4 238.°71 4.°2/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.06	−10 29.3	1.699	2.513	16.1	19.4
4 11	15 35.08	− 9 40.7	1.604	2.500	12.8	19.2
4 21	15 28.37	− 8 46.7	1.530	2.487	9.1	18.9
5 1	15 19.49	− 7 51.7	1.481	2.472	5.4	18.7
5 11	15 9.40	− 7 1.4	1.458	2.458	4.4	18.6
5 21	14 59.25	− 6 21.5	1.462	2.442	7.7	18.7
5 31	14 50.23	− 5 56.7	1.491	2.426	11.8	18.9
6 10	14 43.28	− 5 49.7	1.542	2.409	15.7	19.1

30499 2000 QE_{169} 5 10.4 218.°80 0.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.06	−21 48.0	4.644	5.413	7.3	19.6
4 11	15 23.85	−21 37.5	4.542	5.410	5.8	19.5
4 21	15 19.69	−21 22.2	4.464	5.408	4.0	19.4
5 1	15 14.86	−21 2.9	4.414	5.406	2.1	19.2
5 11	15 9.70	−20 40.5	4.394	5.403	0.5	19.1
5 21	15 4.56	−20 16.3	4.404	5.401	2.1	19.2
5 31	14 59.81	−19 52.0	4.443	5.398	4.0	19.4
6 10	14 55.76	−19 29.2	4.509	5.395	5.8	19.5

500757 2013 AF_{100} 5 10.4 189.°95 3.°6/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.61	− 6 34.6	2.734	3.532	11.1	22.1
4 11	15 30.31	− 6 4.1	2.646	3.531	8.8	22.0
4 21	15 24.38	− 5 33.8	2.581	3.529	6.3	21.8
5 1	15 17.26	− 5 6.4	2.544	3.528	4.1	21.6
5 11	15 9.55	− 4 44.9	2.535	3.526	3.7	21.6
5 21	15 1.91	− 4 31.8	2.554	3.523	5.6	21.7
5 31	14 54.96	− 4 28.9	2.601	3.520	8.1	21.9
6 10	14 49.26	− 4 37.0	2.673	3.517	10.5	22.0

340342 2006 DD_{56} 5 10.4 288.°12 2.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.65	−29 49.6	4.397	5.132	8.2	20.8
4 11	15 26.03	−30 4.6	4.289	5.126	6.7	20.7
4 21	15 21.27	−30 12.8	4.204	5.120	5.1	20.6
5 1	15 15.68	−30 13.7	4.146	5.114	3.5	20.5
5 11	15 9.65	−30 7.6	4.117	5.108	2.4	20.4
5 21	15 3.61	−29 55.3	4.117	5.103	2.9	20.4
5 31	14 57.99	−29 38.3	4.146	5.097	4.4	20.5
6 10	14 53.19	−29 18.7	4.202	5.091	6.1	20.6

514906 2008 SJ_{211} 5 10.4 149.°81 1.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.43	−24 13.2	4.179	4.934	8.3	23.2
4 11	15 27.31	−24 11.7	4.085	4.943	6.6	23.1
4 21	15 22.08	−24 4.4	4.016	4.951	4.7	23.0
5 1	15 16.04	−23 51.4	3.974	4.960	2.7	22.9
5 11	15 9.64	−23 33.6	3.961	4.967	1.2	22.7
5 21	15 3.28	−23 12.4	3.979	4.975	2.4	22.8
5 31	14 57.41	−22 49.6	4.027	4.982	4.4	23.0
6 10	14 52.40	−22 27.1	4.102	4.988	6.3	23.1

352397 2007 WS_{62} 5 10.4 161.°21 1.°9/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.94	−12 5.2	2.589	3.384	11.8	21.3
4 11	15 31.46	−11 52.0	2.502	3.387	9.2	21.2
4 21	15 25.22	−11 36.5	2.438	3.391	6.3	21.0
5 1	15 17.69	−11 20.4	2.401	3.394	3.4	20.8
5 11	15 9.53	−11 6.0	2.392	3.397	2.0	20.7
5 21	15 1.45	−10 55.7	2.413	3.400	4.5	20.9
5 31	14 54.14	−10 51.3	2.462	3.402	7.5	21.1
6 10	14 48.19	−10 54.6	2.536	3.404	10.3	21.2

299831 2006 SF_{183} 5 10.4 156.°31 0.°0/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.04	−19 17.7	2.618	3.403	11.9	22.4
4 11	15 30.81	−19 4.0	2.529	3.408	9.4	22.2
4 21	15 24.80	−18 43.5	2.462	3.412	6.5	22.0
5 1	15 17.49	−18 17.3	2.422	3.416	3.2	21.8
5 11	15 9.55	−17 47.3	2.410	3.420	0.2	21.5
5 21	15 1.70	−17 16.3	2.428	3.424	3.6	21.8
5 31	14 54.65	−16 47.3	2.474	3.427	6.8	22.1
6 10	14 48.97	−16 23.2	2.545	3.430	9.7	22.2

87271 Kokubunji 5 10.4 253.°11 3.°3/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.59	−26 53.4	1.969	2.744	15.6	20.0
4 11	15 34.66	−27 10.9	1.867	2.733	12.8	19.8
4 21	15 28.08	−27 16.1	1.785	2.721	9.5	19.6
5 1	15 19.36	−27 7.3	1.726	2.709	5.9	19.3
5 11	15 9.43	−26 44.5	1.694	2.696	3.3	19.1
5 21	14 59.40	−26 10.0	1.689	2.684	5.0	19.2
5 31	14 50.44	−25 28.3	1.711	2.671	8.7	19.4
6 10	14 43.49	−24 45.4	1.756	2.658	12.4	19.6

335765 2007 EX_{119} 5 10.4 324.°33 3.°4/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.00	−12 47.5	1.507	2.342	16.8	21.0
4 11	15 29.87	−12 6.9	1.417	2.326	13.4	20.8
4 21	15 24.98	−11 18.8	1.347	2.310	9.3	20.5
5 1	15 17.87	−10 27.6	1.299	2.295	5.1	20.2
5 11	15 9.53	− 9 38.9	1.276	2.281	3.6	20.1
5 21	15 1.13	− 8 58.7	1.278	2.267	7.3	20.2
5 31	14 53.90	− 8 32.4	1.304	2.254	11.9	20.5
6 10	14 48.80	− 8 23.5	1.350	2.242	16.0	20.7

305379 2008 CA_{18} 5 10.4 155.°09 4.°1/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.44	−32 14.7	2.740	3.474	12.6	21.4
4 11	15 32.88	−32 35.7	2.646	3.479	10.5	21.3
4 21	15 26.33	−32 44.8	2.573	3.483	8.2	21.1
5 1	15 18.30	−32 40.4	2.525	3.488	5.8	21.0
5 11	15 9.52	−32 22.3	2.505	3.492	4.2	20.9
5 21	15 0.79	−31 52.2	2.513	3.496	4.7	20.9
5 31	14 52.94	−31 13.3	2.549	3.499	6.8	21.1
6 10	14 46.61	−30 30.2	2.610	3.502	9.2	21.2

78072 2002 LY_{11} 5 10.4 321.°04 1.°7/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.59	−26 50.2	1.576	2.382	17.5	18.2
4 11	15 28.94	−26 6.0	1.470	2.358	14.3	17.9
4 21	15 24.45	−24 59.4	1.383	2.334	10.4	17.6
5 1	15 17.65	−23 30.3	1.319	2.311	5.8	17.3
5 11	15 9.55	−21 42.8	1.280	2.289	1.7	17.0
5 21	15 1.37	−19 44.5	1.267	2.267	5.3	17.1
5 31	14 54.40	−17 46.0	1.279	2.246	10.3	17.4
6 10	14 49.66	−15 57.8	1.314	2.226	15.0	17.6

442882 2013 BU_{38} 5 10.4 183.°01 4.°2/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.68	− 5 25.3	2.593	3.395	11.5	21.6
4 11	15 29.66	− 4 45.3	2.509	3.396	9.2	21.5
4 21	15 23.98	− 4 5.8	2.448	3.395	6.7	21.3
5 1	15 17.08	− 3 30.2	2.414	3.395	4.6	21.2
5 11	15 9.60	− 3 2.0	2.409	3.395	4.4	21.1
5 21	15 2.19	− 2 44.0	2.431	3.394	6.2	21.3
5 31	14 55.52	− 2 38.0	2.480	3.393	8.7	21.4
6 10	14 50.13	− 2 44.8	2.552	3.392	11.1	21.6

306905 2001 TR_{176} 5 10.4 285.°78 1.°1/11.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.90	−21 16.1	1.714	2.517	16.5	21.0
4 11	15 33.53	−21 17.8	1.620	2.508	13.2	20.7
4 21	15 27.39	−21 9.0	1.546	2.499	9.3	20.5
5 1	15 19.04	−20 49.9	1.496	2.490	4.9	20.2
5 11	15 9.47	−20 22.1	1.472	2.481	1.1	19.9
5 21	14 59.86	−19 49.2	1.474	2.473	5.0	20.1
5 31	14 51.43	−19 16.0	1.502	2.464	9.5	20.4
6 10	14 45.12	−18 48.0	1.552	2.455	13.7	20.6

257799 2000 EG_{24} 5 10.4 117.°99 0.°4/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.49	−18 42.3	1.906	2.701	15.3	21.5
4 11	15 34.86	−18 20.7	1.831	2.717	12.1	21.3
4 21	15 27.83	−17 50.2	1.778	2.732	8.3	21.1
5 1	15 19.05	−17 12.6	1.751	2.746	4.1	20.9
5 11	15 9.49	−16 31.2	1.750	2.760	0.5	20.6
5 21	15 0.17	−15 50.1	1.778	2.774	4.7	21.0
5 31	14 52.07	−15 13.8	1.833	2.787	8.7	21.2
6 10	14 45.92	−14 46.1	1.912	2.799	12.2	21.5

266346 2007 DE_{95} 5 10.4 48.°85 0.°7/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.79	−16 29.8	1.464	2.283	18.0	20.8
4 11	15 34.95	−16 32.6	1.403	2.302	14.2	20.5
4 21	15 28.19	−16 28.7	1.362	2.321	9.7	20.3
5 1	15 19.30	−16 19.3	1.344	2.341	4.7	20.1
5 11	15 9.47	−16 7.3	1.351	2.361	0.8	19.9
5 21	14 59.99	−15 56.0	1.384	2.382	5.5	20.2
5 31	14 52.04	−15 49.2	1.442	2.402	10.1	20.5
6 10	14 46.46	−15 50.1	1.523	2.423	14.0	20.8

404411 2013 GG_{65} 5 10.4 132.°94 4.°7/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.54	− 9 46.7	1.535	2.358	17.1	21.6
4 11	15 34.64	− 8 50.7	1.464	2.365	13.6	21.4
4 21	15 27.97	− 7 50.7	1.413	2.371	9.6	21.2
5 1	15 19.22	− 6 52.1	1.386	2.376	5.8	21.0
5 11	15 9.48	− 6 1.3	1.384	2.382	5.0	20.9
5 21	14 59.96	− 5 24.0	1.408	2.387	8.1	21.1
5 31	14 51.82	− 5 4.3	1.457	2.392	12.1	21.3
6 10	14 45.90	− 5 3.7	1.527	2.396	15.8	21.6

506879 2008 AM_{44} 5 10.4 100.°67 4.°9/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.97	−34 12.1	2.403	3.138	14.2	21.2
4 11	15 32.85	−34 32.6	2.314	3.145	11.9	21.0
4 21	15 26.47	−34 38.5	2.245	3.151	9.4	20.9
5 1	15 18.42	−34 27.8	2.200	3.157	6.8	20.7
5 11	15 9.53	−34 0.4	2.181	3.164	5.1	20.6
5 21	15 0.75	−33 18.2	2.189	3.170	5.5	20.7
5 31	14 53.00	−32 25.5	2.225	3.176	7.6	20.8
6 10	14 47.01	−31 28.0	2.285	3.182	10.1	21.0

375857 2009 VG_{17} 5 10.4 212.°71 1.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.35	−24 1.0	2.209	2.985	14.1	21.6
4 11	15 33.98	−23 56.6	2.109	2.979	11.4	21.4
4 21	15 27.32	−23 41.4	2.030	2.972	8.1	21.2
5 1	15 18.88	−23 15.1	1.976	2.965	4.5	20.9
5 11	15 9.50	−22 39.2	1.950	2.957	1.6	20.7
5 21	15 0.13	−21 56.7	1.952	2.949	4.2	20.9
5 31	14 51.72	−21 12.1	1.982	2.940	7.9	21.1
6 10	14 45.05	−20 30.1	2.037	2.931	11.3	21.3

357745 2005 SJ_{50} 5 10.4 263.°15 2.°7/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.67	−25 59.1	2.582	3.343	12.7	21.1
4 11	15 33.29	−26 25.3	2.469	3.327	10.4	20.9
4 21	15 26.81	−26 43.3	2.377	3.309	7.7	20.7
5 1	15 18.65	−26 51.5	2.311	3.292	4.8	20.5
5 11	15 9.51	−26 49.7	2.273	3.274	2.8	20.3
5 21	15 0.23	−26 39.1	2.263	3.256	4.2	20.4
5 31	14 51.68	−26 22.0	2.282	3.238	7.1	20.6
6 10	14 44.62	−26 2.2	2.326	3.219	10.1	20.7

88637 2001 RJ_{46} 5 10.4 232.°28 0.°9/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.56	−17 29.2	2.177	2.970	13.7	20.2
4 11	15 33.33	−17 1.3	2.073	2.958	10.9	20.0
4 21	15 26.86	−16 25.1	1.991	2.944	7.5	19.8
5 1	15 18.66	−15 42.5	1.935	2.930	3.7	19.5
5 11	15 9.52	−14 56.4	1.907	2.916	1.0	19.3
5 21	15 0.34	−14 10.7	1.907	2.901	4.7	19.5
5 31	14 52.06	−13 30.0	1.935	2.885	8.6	19.7
6 10	14 45.44	−12 58.1	1.988	2.869	12.1	19.9

352507 2008 CO_{74} 5 10.4 65.°03 3.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.18	−26 19.1	2.309	3.077	13.8	20.8
4 11	15 33.00	−26 45.7	2.216	3.078	11.2	20.7
4 21	15 26.61	−27 2.7	2.145	3.079	8.3	20.5
5 1	15 18.52	−27 8.5	2.099	3.080	5.2	20.3
5 11	15 9.53	−27 3.3	2.080	3.081	3.0	20.1
5 21	15 0.56	−26 48.6	2.089	3.082	4.4	20.2
5 31	14 52.52	−26 27.6	2.125	3.083	7.4	20.4
6 10	14 46.16	−26 4.4	2.187	3.084	10.5	20.6

38396 1999 RU_{193} 5 10.4 266.°97 5.°8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.83	−36 6.1	2.553	3.273	13.8	19.4
4 11	15 33.69	−36 43.7	2.443	3.259	11.8	19.2
4 21	15 27.22	−37 7.8	2.353	3.245	9.6	19.0
5 1	15 18.90	−37 15.6	2.286	3.231	7.4	18.9
5 11	15 9.50	−37 5.4	2.246	3.217	5.9	18.8
5 21	14 59.99	−36 37.9	2.232	3.202	6.2	18.8
5 31	14 51.36	−35 56.2	2.246	3.188	8.0	18.8
6 10	14 44.45	−35 5.8	2.284	3.173	10.4	19.0

471421 2011 UH_{8} 5 10.4 251.°21 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.72	−18 54.6	2.647	3.430	11.8	21.8
4 11	15 31.52	−18 49.9	2.536	3.414	9.4	21.6
4 21	15 25.44	−18 38.9	2.447	3.397	6.5	21.4
5 1	15 17.91	−18 22.4	2.385	3.380	3.3	21.2
5 11	15 9.57	−18 1.9	2.352	3.362	0.2	20.8
5 21	15 1.16	−17 39.6	2.348	3.344	3.7	21.1
5 31	14 53.43	−17 18.2	2.372	3.325	7.0	21.3
6 10	14 47.05	−17 0.8	2.422	3.307	10.1	21.5

322475 2011 UZ_{194} 5 10.4 228.°33 0.°8/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.05	−22 50.4	2.739	3.514	11.7	21.1
4 11	15 30.09	−22 30.8	2.634	3.506	9.3	20.9
4 21	15 24.37	−22 2.1	2.552	3.497	6.6	20.8
5 1	15 17.33	−21 24.9	2.496	3.487	3.5	20.5
5 11	15 9.61	−20 41.1	2.468	3.478	0.8	20.3
5 21	15 1.91	−19 53.7	2.470	3.467	3.4	20.5
5 31	14 54.94	−19 6.2	2.501	3.457	6.6	20.7
6 10	14 49.29	−18 22.4	2.557	3.447	9.5	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
176651	2002 NP_{52}		5 10.4	268.°36	4.°9/ 7.7	17
	h m	° ′			°	m
4 1	15 37.35	− 7 55.4	1.663	2.484	16.1	20.5
4 11	15 33.78	− 7 14.1	1.572	2.470	12.9	20.2
4 21	15 27.52	− 6 30.7	1.501	2.456	9.3	20.0
5 1	15 19.10	− 5 49.8	1.454	2.442	5.9	19.7
5 11	15 9.50	− 5 17.1	1.433	2.428	5.2	19.6
5 21	14 59.83	− 4 57.3	1.437	2.414	8.2	19.8
5 31	14 51.27	− 4 54.1	1.466	2.399	12.1	20.0
6 10	14 44.76	− 5 8.8	1.516	2.385	15.9	20.2
62009	2000 RX_{39}		5 10.4	192.°72	3.°3/ 6.7	18
4 1	15 32.99	− 9 59.5	2.940	3.736	10.4	19.6
4 11	15 28.91	− 8 40.4	2.848	3.735	8.2	19.4
4 21	15 23.37	− 7 17.0	2.782	3.732	5.8	19.2
5 1	15 16.76	− 5 53.4	2.744	3.729	3.8	19.1
5 11	15 9.65	− 4 33.9	2.736	3.726	3.6	19.1
5 21	15 2.62	− 3 22.6	2.759	3.723	5.5	19.2
5 31	14 56.25	− 2 23.1	2.809	3.719	7.9	19.4
6 10	14 51.02	− 1 37.4	2.885	3.715	10.2	19.5
93489	2000 TT_{33}		5 10.4	266.°28	1.°8/ 9.1	17
4 1	15 35.34	−16 14.4	2.002	2.807	14.3	20.0
4 11	15 31.81	−15 30.6	1.896	2.788	11.4	19.7
4 21	15 25.96	−14 37.4	1.812	2.769	7.9	19.5
5 1	15 18.27	−13 37.4	1.754	2.750	4.0	19.2
5 11	15 9.55	−12 35.1	1.723	2.730	2.0	19.0
5 21	15 0.77	−11 35.3	1.719	2.710	5.5	19.2
5 31	14 52.89	−10 43.7	1.743	2.690	9.6	19.4
6 10	14 46.76	−10 4.6	1.790	2.669	13.3	19.6
276955	2004 TB_{300}		5 10.4	259.°03	1.°8/11.5	17
4 1	15 37.83	−22 48.9	1.915	2.705	15.5	21.0
4 11	15 33.95	−23 2.1	1.822	2.700	12.5	20.8
4 21	15 27.51	−23 5.6	1.749	2.696	8.9	20.6
5 1	15 19.06	−22 58.7	1.701	2.691	5.0	20.3
5 11	15 9.51	−22 42.2	1.679	2.686	1.8	20.1
5 21	14 59.94	−22 18.7	1.684	2.682	4.6	20.3
5 31	14 51.47	−21 52.3	1.716	2.677	8.6	20.5
6 10	14 44.96	−21 27.7	1.771	2.672	12.4	20.7
427908	2005 US_{237}		5 10.4	210.°26	2.°1/ 9.1	17
4 1	15 37.56	−13 41.6	2.142	2.942	13.7	22.6
4 11	15 33.24	−13 14.3	2.048	2.937	10.8	22.4
4 21	15 26.74	−12 41.8	1.976	2.931	7.5	22.2
5 1	15 18.58	−12 6.7	1.930	2.925	3.9	21.9
5 11	15 9.54	−11 32.2	1.912	2.918	2.2	21.8
5 21	15 0.54	−11 1.9	1.922	2.910	5.3	22.0
5 31	14 52.46	−10 39.4	1.959	2.903	8.9	22.2
6 10	14 46.04	−10 27.3	2.021	2.894	12.3	22.4
377832	2006 BR_{113}		5 10.4	126.°01	1.°4/ 9.5	17
4 1	15 38.00	−15 15.6	2.171	2.967	13.7	22.1
4 11	15 33.38	−14 53.1	2.094	2.980	10.7	22.0
4 21	15 26.67	−14 25.1	2.039	2.993	7.3	21.8
5 1	15 18.46	−13 53.7	2.010	3.006	3.6	21.6
5 11	15 9.56	−13 22.1	2.010	3.018	1.5	21.4
5 21	15 0.84	−12 53.3	2.038	3.029	4.7	21.7
5 31	14 53.14	−12 30.8	2.093	3.040	8.2	21.9
6 10	14 47.11	−12 17.0	2.173	3.051	11.4	22.1
419609	2010 RX_{140}		5 10.5	155.°98	2.°0/11.7	14 C
4 1	15 41.58	−24 37.5	2.118	2.888	14.8	22.7
4 11	15 36.50	−24 40.4	2.031	2.897	11.9	22.5
4 21	15 29.00	−24 32.1	1.965	2.905	8.6	22.3
5 1	15 19.69	−24 12.1	1.925	2.912	4.9	22.1
5 11	15 9.49	−23 41.7	1.912	2.919	2.0	21.9
5 21	14 59.42	−23 3.9	1.928	2.924	4.3	22.0
5 31	14 50.50	−22 23.1	1.972	2.929	7.9	22.3
6 10	14 43.48	−21 44.4	2.041	2.934	11.3	22.5
343141	2009 FB_{37}		5 10.5	85.°40	0.°8/10.9	18
4 1	15 38.77	−19 35.7	2.234	3.019	13.7	20.8
4 11	15 34.04	−19 53.9	2.155	3.033	10.8	20.7
4 21	15 27.18	−20 6.0	2.098	3.047	7.5	20.5
5 1	15 18.74	−20 11.7	2.068	3.061	3.9	20.3
5 11	15 9.54	−20 12.0	2.065	3.074	0.8	20.0
5 21	15 0.48	−20 8.7	2.091	3.088	3.9	20.3
5 31	14 52.42	−20 4.4	2.145	3.102	7.4	20.6
6 10	14 46.04	−20 1.9	2.224	3.115	10.6	20.8
433452	2013 UX_5		5 10.5	179.°93	2.°9/12.4	17
4 1	15 39.36	−27 6.1	2.227	2.991	14.3	21.9
4 11	15 34.78	−27 17.4	2.133	2.992	11.7	21.7
4 21	15 27.86	−27 17.0	2.060	2.993	8.6	21.5
5 1	15 19.15	−27 3.8	2.012	2.993	5.3	21.3
5 11	15 9.52	−26 38.3	1.991	2.993	3.0	21.2
5 21	14 59.93	−26 2.8	1.998	2.992	4.5	21.3
5 31	14 51.37	−25 21.6	2.033	2.991	7.7	21.5
6 10	14 44.62	−24 39.9	2.093	2.990	10.9	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
56293	1999 NH_{44}		5 10.5	350.°05	5.°9/ 6.9	18
	h m	° ′			°	m
4 1	15 29.89	− 9 8.6	1.343	2.191	17.7	18.0
4 11	15 28.33	− 7 57.6	1.269	2.184	14.1	17.7
4 21	15 23.94	− 6 41.0	1.214	2.178	10.1	17.5
5 1	15 17.35	− 5 26.0	1.182	2.173	6.6	17.3
5 11	15 9.63	− 4 21.2	1.174	2.168	6.3	17.2
5 21	15 2.01	− 3 33.8	1.188	2.165	9.5	17.4
5 31	14 55.70	− 3 9.2	1.225	2.163	13.6	17.6
6 10	14 51.62	− 3 8.9	1.281	2.163	17.4	17.8
304394	2006 TA_1		5 10.5	223.°97	0.°5/10.1	18
4 1	15 35.23	−17 15.0	2.552	3.342	12.0	21.7
4 11	15 31.10	−17 4.8	2.453	3.335	9.5	21.5
4 21	15 25.12	−16 48.9	2.376	3.329	6.5	21.3
5 1	15 17.74	−16 28.6	2.326	3.322	3.2	21.1
5 11	15 9.62	−16 5.8	2.305	3.314	0.6	20.8
5 21	15 1.51	−15 42.9	2.312	3.307	3.9	21.1
5 31	14 54.16	−15 22.9	2.348	3.299	7.2	21.3
6 10	14 48.18	−15 8.4	2.408	3.291	10.2	21.5
294445	2007 VH_{285}		5 10.5	151.°25	0.°8/11.1	18
4 1	15 34.82	−23 0.2	2.415	3.196	12.9	20.9
4 11	15 30.84	−22 32.6	2.325	3.200	10.3	20.7
4 21	15 24.93	−21 54.5	2.257	3.204	7.2	20.5
5 1	15 17.62	−21 6.9	2.216	3.208	3.8	20.3
5 11	15 9.64	−20 12.5	2.202	3.211	0.8	20.1
5 21	15 1.79	−19 15.1	2.217	3.215	3.7	20.3
5 31	14 54.83	−18 19.0	2.261	3.218	7.1	20.5
6 10	14 49.39	−17 28.5	2.330	3.221	10.2	20.7
57849	2001 XR_{86}		5 10.5	9.°62	9.°6/ 4.5	18
4 1	15 32.51	+ 5 40.3	1.779	2.595	15.4	17.8
4 11	15 29.48	+ 6 44.7	1.718	2.597	13.1	17.6
4 21	15 24.21	+ 7 39.2	1.678	2.601	10.9	17.5
5 1	15 17.31	+ 8 16.8	1.660	2.605	9.7	17.4
5 11	15 9.66	+ 8 31.9	1.666	2.610	9.9	17.4
5 21	15 2.19	+ 8 21.6	1.695	2.615	11.5	17.5
5 31	14 55.81	+ 7 46.0	1.747	2.622	13.8	17.7
6 10	14 51.20	+ 6 47.7	1.818	2.629	16.1	17.9
238965	2006 BK_{125}		5 10.5	224.°67	5.°4/ 6.3	18
4 1	15 35.47	− 4 22.9	2.203	3.011	13.1	21.0
4 11	15 31.47	− 3 23.2	2.115	3.003	10.6	20.8
4 21	15 25.45	− 2 23.4	2.049	2.994	7.9	20.6
5 1	15 17.93	− 1 28.4	2.009	2.985	5.8	20.5
5 11	15 9.62	− 0 43.2	1.996	2.976	5.7	20.4
5 21	15 1.35	− 0 11.9	2.011	2.967	7.8	20.5
5 31	14 53.94	+ 0 2.6	2.051	2.956	10.6	20.7
6 10	14 48.05	− 0 0.3	2.114	2.946	13.4	20.8
523697	2014 GY_{53}		5 10.5	37.°60	0.°5/ 5.6	18
4 1	15 13.58	− 0 44.2	31.333	32.127	1.1	22.0
4 11	15 12.82	− 0 38.0	31.258	32.134	0.9	22.0
4 21	15 11.95	− 0 32.2	31.208	32.142	0.7	21.9
5 1	15 11.01	− 0 27.1	31.186	32.149	0.5	21.9
5 11	15 10.04	− 0 22.8	31.192	32.157	0.5	21.9
5 21	15 9.07	− 0 19.4	31.227	32.165	0.7	21.9
5 31	15 8.14	− 0 17.1	31.289	32.172	0.9	22.0
6 10	15 7.28	− 0 16.0	31.376	32.180	1.1	22.0
350150	2011 SG_{88}		5 10.5	250.°22	3.°6/12.8	16
4 1	15 37.22	−28 22.4	2.365	3.125	13.7	20.8
4 11	15 33.08	−28 49.8	2.267	3.121	11.3	20.6
4 21	15 26.71	−29 6.5	2.190	3.117	8.5	20.5
5 1	15 18.62	−29 10.9	2.138	3.113	5.6	20.3
5 11	15 9.58	−29 2.6	2.112	3.109	3.6	20.1
5 21	15 0.52	−28 43.2	2.115	3.105	4.7	20.2
5 31	14 52.36	−28 15.9	2.145	3.101	7.5	20.4
6 10	14 45.88	−27 45.2	2.200	3.097	10.4	20.5
300868	2008 AN_{11}		5 10.5	166.°00	2.°6/ 8.3	18
4 1	15 34.16	−10 47.9	2.602	3.401	11.6	21.3
4 11	15 30.06	−10 12.9	2.516	3.404	9.1	21.2
4 21	15 24.28	− 9 35.2	2.454	3.407	6.3	21.0
5 1	15 17.27	− 8 57.6	2.419	3.410	3.6	20.8
5 11	15 9.67	− 8 23.2	2.412	3.412	2.8	20.8
5 21	15 2.16	− 7 55.1	2.434	3.414	5.0	20.9
5 31	14 55.41	− 7 35.6	2.483	3.416	7.8	21.1
6 10	14 49.96	− 7 26.6	2.557	3.417	10.5	21.3
73265	2002 JW_{48}		5 10.5	232.°94	1.°2/11.0	17
4 1	15 41.31	−20 41.2	1.816	2.608	16.1	20.1
4 11	15 36.93	−20 55.5	1.717	2.598	13.0	19.9
4 21	15 29.74	−21 1.5	1.639	2.588	9.2	19.7
5 1	15 20.27	−20 58.6	1.585	2.578	4.9	19.4
5 11	15 9.49	−20 47.4	1.558	2.567	1.2	19.1
5 21	14 58.59	−20 30.5	1.558	2.555	4.9	19.3
5 31	14 48.81	−20 11.6	1.584	2.543	9.4	19.5
6 10	14 41.17	−19 55.7	1.634	2.531	13.5	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
68061	2000 YF_{63}		5 10.5	164.°64	0.°6/10.9	18
	h m	° ′			°	m
4 1	15 40.98	−21 14.9	2.051	2.833	14.8	20.9
4 11	15 36.05	−21 2.7	1.963	2.840	11.8	20.7
4 21	15 28.71	−20 40.7	1.897	2.845	8.2	20.5
5 1	15 19.57	−20 9.3	1.857	2.850	4.2	20.3
5 11	15 9.54	−19 30.8	1.844	2.854	0.6	20.0
5 21	14 59.64	−18 48.9	1.860	2.857	4.4	20.3
5 31	14 50.87	−18 8.1	1.904	2.860	8.3	20.6
6 10	14 43.99	−17 33.0	1.973	2.861	11.9	20.8
303683	2005 NA_{30}		5 10.5	216.°47	0.°8/ 9.8	18
4 1	15 34.45	−16 32.8	2.839	3.626	11.0	21.9
4 11	15 30.27	−16 12.0	2.737	3.619	8.7	21.7
4 21	15 24.44	−15 45.8	2.658	3.610	6.0	21.5
5 1	15 17.38	−15 15.7	2.607	3.602	2.9	21.3
5 11	15 9.67	−14 44.0	2.584	3.593	0.9	21.1
5 21	15 1.98	−14 13.1	2.591	3.583	3.7	21.3
5 31	14 54.95	−13 45.9	2.626	3.574	6.8	21.5
6 10	14 49.15	−13 24.8	2.688	3.563	9.5	21.6
202933	1998 VY_{40}		5 10.5	194.°62	0.°1/10.4	18
4 1	15 35.84	−19 18.1	2.310	3.100	13.1	21.4
4 11	15 31.77	−19 0.8	2.216	3.098	10.4	21.2
4 21	15 25.66	−18 35.5	2.145	3.097	7.2	21.0
5 1	15 18.04	−18 3.5	2.100	3.095	3.6	20.8
5 11	15 9.64	−17 27.1	2.082	3.092	0.2	20.5
5 21	15 1.30	−16 49.7	2.094	3.090	4.0	20.8
5 31	14 53.85	−16 14.9	2.133	3.087	7.7	21.0
6 10	14 47.95	−15 46.3	2.197	3.084	10.9	21.2
61160	2000 NH_{18}		5 10.5	173.°47	6.°3/14.4	18
4 1	15 40.06	−34 13.9	1.875	2.624	17.2	19.0
4 11	15 36.14	−34 53.7	1.786	2.624	14.6	18.8
4 21	15 29.26	−35 16.9	1.715	2.625	11.6	18.6
5 1	15 20.02	−35 19.6	1.667	2.625	8.5	18.4
5 11	15 9.52	−35 0.2	1.643	2.625	6.5	18.3
5 21	14 59.05	−34 20.3	1.645	2.625	7.0	18.3
5 31	14 49.91	−33 25.2	1.673	2.625	9.5	18.4
6 10	14 43.11	−32 22.8	1.724	2.625	12.6	18.6
108491	2001 KF_{63}		5 10.5	321.°23	5.°0/ 8.1	18
4 1	15 34.28	− 8 55.8	1.362	2.201	18.0	18.9
4 11	15 31.98	− 8 20.0	1.276	2.186	14.4	18.6
4 21	15 26.63	− 7 41.3	1.210	2.172	10.3	18.4
5 1	15 18.81	− 7 4.9	1.166	2.158	6.3	18.1
5 11	15 9.59	− 6 37.1	1.145	2.145	5.3	18.0
5 21	15 0.29	− 6 23.2	1.149	2.132	8.7	18.1
5 31	14 52.27	− 6 27.2	1.174	2.121	13.3	18.4
6 10	14 46.63	− 6 50.7	1.220	2.109	17.6	18.6
500755	2013 AM_{92}		5 10.5	150.°96	4.°5/ 6.7	17
4 1	15 33.57	− 4 17.2	2.608	3.410	11.5	21.2
4 11	15 29.55	− 3 34.0	2.529	3.414	9.2	21.1
4 21	15 23.91	− 2 52.0	2.474	3.418	6.8	20.9
5 1	15 17.08	− 2 14.8	2.445	3.422	4.9	20.8
5 11	15 9.71	− 1 45.9	2.444	3.426	4.7	20.8
5 21	15 2.43	− 1 28.1	2.471	3.429	6.4	20.9
5 31	14 55.90	− 1 23.1	2.524	3.432	8.8	21.1
6 10	14 50.63	− 1 31.3	2.601	3.435	11.1	21.2
102868	1999 WO_6		5 10.5	113.°73	3.°6/ 8.4	18
4 1	15 39.45	− 7 9.6	2.193	2.992	13.5	20.2
4 11	15 34.42	− 6 55.0	2.120	3.006	10.6	20.0
4 21	15 27.35	− 6 41.4	2.070	3.020	7.5	19.8
5 1	15 18.81	− 6 31.4	2.046	3.033	4.6	19.7
5 11	15 9.61	− 6 27.8	2.050	3.047	3.8	19.6
5 21	15 0.59	− 6 32.8	2.082	3.059	6.0	19.8
5 31	14 52.58	− 6 47.7	2.142	3.072	9.0	20.0
6 10	14 46.20	− 7 12.8	2.226	3.084	11.9	20.2
102300	1999 TS_{87}		5 10.5	200.°64	1.°5/ 9.5	17
4 1	15 38.86	−15 44.0	1.913	2.715	15.0	20.9
4 11	15 34.57	−15 18.7	1.822	2.712	11.9	20.7
4 21	15 27.83	−14 46.3	1.753	2.709	8.2	20.5
5 1	15 19.20	−14 9.0	1.709	2.705	4.1	20.2
5 11	15 9.58	−13 30.3	1.692	2.700	1.6	20.0
5 21	15 0.02	−12 54.2	1.703	2.695	5.3	20.2
5 31	14 51.53	−12 25.1	1.741	2.690	9.5	20.5
6 10	14 44.95	−12 6.4	1.802	2.684	13.1	20.7
100577	1997 HM_{10}		5 10.5	317.°85	0.°8/10.1	18
4 1	15 32.17	−18 25.3	1.351	2.184	18.4	19.8
4 11	15 30.62	−18 6.1	1.253	2.161	14.8	19.5
4 21	15 25.92	−17 34.5	1.175	2.138	10.4	19.2
5 1	15 18.57	−16 52.0	1.117	2.115	5.2	18.8
5 11	15 9.60	−16 2.6	1.084	2.093	0.9	18.4
5 21	15 0.40	−15 12.3	1.074	2.072	6.4	18.7
5 31	14 52.46	−14 28.4	1.087	2.052	12.0	19.0
6 10	14 46.98	−13 57.4	1.121	2.033	17.0	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74824	Tarter		5 10.5	217.°42	1.°0/ 9.8	17
	h m	° ′			°	m
4 1	15 39.79	−16 24.5	1.973	2.770	14.8	20.2
4 11	15 35.32	−16 9.0	1.875	2.762	11.8	20.0
4 21	15 28.38	−15 46.7	1.800	2.754	8.1	19.7
5 1	15 19.50	−15 19.1	1.749	2.745	4.0	19.5
5 11	15 9.57	−14 48.9	1.726	2.735	1.2	19.2
5 21	14 59.61	−14 19.6	1.731	2.725	5.1	19.5
5 31	14 50.68	−13 55.3	1.763	2.714	9.2	19.7
6 10	14 43.62	−13 39.5	1.819	2.703	13.0	19.9
504735	2009 VW_{69}		5 10.5	239.°34	1.°8/ 9.6	17
4 1	15 41.12	−12 7.3	2.021	2.819	14.5	21.6
4 11	15 36.32	−12 14.7	1.922	2.809	11.5	21.4
4 21	15 29.06	−12 20.5	1.845	2.799	8.0	21.1
5 1	15 19.85	−12 26.2	1.794	2.789	4.1	20.9
5 11	15 9.55	−12 33.6	1.771	2.778	1.9	20.7
5 21	14 59.16	−12 44.4	1.776	2.767	5.3	20.9
5 31	14 49.72	−13 0.6	1.808	2.755	9.3	21.1
6 10	14 42.11	−13 23.9	1.865	2.744	12.9	21.3
253816	2003 YO_{45}		5 10.5	219.°61	2.°6/ 9.0	17
4 1	15 39.94	−12 7.8	1.849	2.655	15.3	21.2
4 11	15 35.55	−11 49.1	1.757	2.648	12.2	21.0
4 21	15 28.58	−11 26.6	1.686	2.641	8.5	20.7
5 1	15 19.62	−11 2.9	1.640	2.634	4.5	20.5
5 11	15 9.57	−10 41.5	1.621	2.626	2.8	20.3
5 21	14 59.50	−10 25.9	1.629	2.617	6.1	20.5
5 31	14 50.52	−10 19.4	1.664	2.608	10.2	20.7
6 10	14 43.49	−10 24.3	1.722	2.598	13.9	20.9
268109	2004 SP_{27}		5 10.5	53.°63	6.°9/ 5.6	17
4 1	15 33.77	− 4 48.2	1.667	2.494	15.8	20.5
4 11	15 30.59	− 3 18.6	1.603	2.503	12.7	20.3
4 21	15 25.03	− 1 48.7	1.561	2.511	9.5	20.1
5 1	15 17.75	− 0 26.0	1.543	2.520	7.2	20.0
5 11	15 9.69	+ 0 42.0	1.551	2.529	7.3	20.0
5 21	15 1.86	+ 1 29.6	1.584	2.538	9.7	20.2
5 31	14 55.22	+ 1 53.6	1.640	2.547	12.7	20.4
6 10	14 50.48	+ 1 54.0	1.717	2.557	15.7	20.6
199947	Qaidam		5 10.5	316.°99	1.°8/ 9.9	17
4 1	15 40.39	−11 3.5	1.490	2.311	17.7	18.9
4 11	15 37.09	−11 38.1	1.379	2.279	14.3	18.6
4 21	15 30.50	−12 16.2	1.288	2.247	10.1	18.3
5 1	15 20.99	−12 59.0	1.220	2.216	5.3	17.9
5 11	15 9.48	−13 47.4	1.177	2.186	1.9	17.6
5 21	14 57.32	−14 41.6	1.160	2.156	6.6	17.8
5 31	14 46.13	−15 41.8	1.168	2.127	12.0	18.0
6 10	14 37.31	−16 48.4	1.197	2.098	17.0	18.2
46824	Tambora		5 10.5	350.°44	2.°6/11.9	18
4 1	15 34.75	−25 39.8	1.401	2.212	19.1	18.9
4 11	15 32.45	−25 34.0	1.319	2.209	15.5	18.7
4 21	15 26.96	−25 10.7	1.255	2.206	11.2	18.4
5 1	15 18.95	−24 29.1	1.213	2.204	6.5	18.1
5 11	15 9.61	−23 31.8	1.195	2.202	2.6	17.9
5 21	15 0.37	−22 24.4	1.201	2.201	5.6	18.1
5 31	14 52.64	−21 15.2	1.232	2.200	10.4	18.3
6 10	14 47.45	−20 12.6	1.284	2.200	14.9	18.6
2314	Field		5 10.5	12.°02	1.°4/11.0	18
4 1	15 40.28	−20 17.6	1.392	2.206	19.0	17.1
4 11	15 36.80	−20 40.0	1.312	2.206	15.3	16.9
4 21	15 29.98	−20 53.2	1.251	2.206	10.8	16.6
5 1	15 20.48	−20 56.2	1.213	2.207	5.7	16.3
5 11	15 9.53	−20 49.9	1.198	2.208	1.4	16.0
5 21	14 58.61	−20 37.0	1.209	2.208	5.7	16.3
5 31	14 49.23	−20 22.6	1.245	2.209	10.8	16.6
6 10	14 42.52	−20 11.9	1.301	2.210	15.3	16.8
196678	2003 SD_{61}		5 10.5	249.°60	0.°3/10.3	18
4 1	15 37.23	−18 0.9	2.241	3.032	13.4	20.7
4 11	15 33.09	−17 52.1	2.134	3.017	10.7	20.5
4 21	15 26.74	−17 36.4	2.050	3.002	7.4	20.3
5 1	15 18.67	−17 14.8	1.991	2.986	3.7	20.0
5 11	15 9.63	−16 49.3	1.960	2.969	0.4	19.7
5 21	15 0.51	−16 22.6	1.957	2.953	4.3	20.0
5 31	14 52.22	−15 58.4	1.982	2.936	8.2	20.2
6 10	14 45.54	−15 40.1	2.032	2.918	11.7	20.4
237703	2001 UJ_{82}		5 10.5	248.°77	0.°6/10.2	17
4 1	15 41.25	−16 35.1	1.569	2.378	17.4	20.7
4 11	15 37.27	−16 40.2	1.475	2.368	14.0	20.4
4 21	15 30.20	−16 39.1	1.400	2.357	9.7	20.1
5 1	15 20.60	−16 32.3	1.349	2.345	4.9	19.8
5 11	15 9.52	−16 21.9	1.324	2.334	0.7	19.5
5 21	14 58.30	−16 10.8	1.325	2.322	5.8	19.8
5 31	14 48.33	−16 3.1	1.351	2.309	10.8	20.0
6 10	14 40.75	−16 2.8	1.400	2.297	15.3	20.3

434974 2006 UH_{122} 5 10.5 284.°72 0.°7/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.47	−17 6.0	2.170	2.971	13.5	21.6
4 11	15 30.94	−16 51.5	2.069	2.958	10.7	21.4
4 21	15 25.26	−16 30.3	1.990	2.945	7.4	21.2
5 1	15 17.93	−16 3.7	1.936	2.932	3.7	20.9
5 11	15 9.68	−15 34.4	1.910	2.919	0.8	20.7
5 21	15 1.40	−15 5.6	1.911	2.906	4.5	20.9
5 31	14 53.96	−14 40.7	1.939	2.893	8.3	21.1
6 10	14 48.12	−14 23.2	1.992	2.880	11.8	21.3

73705 1991 UR_2 5 10.5 157.°36 0.°9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.31	−21 11.7	2.385	3.155	13.3	20.0
4 11	15 36.73	−21 14.7	2.297	3.165	10.6	19.8
4 21	15 29.01	−21 9.9	2.231	3.174	7.4	19.6
5 1	15 19.69	−20 57.3	2.191	3.183	3.9	19.4
5 11	15 9.59	−20 38.1	2.181	3.190	0.9	19.2
5 21	14 59.61	−20 14.6	2.200	3.197	3.9	19.4
5 31	14 50.62	−19 50.3	2.249	3.203	7.3	19.6
6 10	14 43.31	−19 28.7	2.323	3.207	10.5	19.8

173940 2001 WD_{39} 5 10.5 118.°43 1.°2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.45	−16 14.6	2.732	3.522	11.3	20.6
4 11	15 30.15	−15 37.2	2.655	3.538	8.9	20.5
4 21	15 24.25	−14 54.2	2.601	3.554	6.0	20.3
5 1	15 17.23	−14 7.9	2.575	3.570	3.0	20.1
5 11	15 9.74	−13 21.1	2.577	3.585	1.3	20.0
5 21	15 2.41	−12 37.1	2.610	3.600	3.9	20.2
5 31	14 55.86	−11 58.8	2.670	3.614	6.8	20.4
6 10	14 50.61	−11 28.9	2.756	3.628	9.4	20.6

115540 2003 UP_{61} 5 10.5 160.°79 3.°0/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.98	−10 58.1	2.084	2.891	13.8	20.0
4 11	15 31.98	−10 28.3	2.000	2.893	10.9	19.8
4 21	15 25.86	− 9 55.4	1.939	2.895	7.5	19.6
5 1	15 18.16	− 9 22.7	1.904	2.896	4.2	19.4
5 11	15 9.68	− 8 53.7	1.896	2.898	3.1	19.3
5 21	15 1.30	− 8 31.9	1.915	2.899	5.8	19.5
5 31	14 53.87	− 8 20.1	1.961	2.900	9.2	19.7
6 10	14 48.10	− 8 20.2	2.031	2.901	12.4	19.9

114741 2003 HH_{14} 5 10.5 290.°71 6.°6/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.31	− 3 39.5	1.761	2.582	15.4	19.7
4 11	15 32.03	− 2 45.2	1.668	2.564	12.5	19.5
4 21	15 26.26	− 1 51.4	1.597	2.545	9.4	19.3
5 1	15 18.51	− 1 4.1	1.549	2.527	7.0	19.1
5 11	15 9.66	− 0 29.5	1.527	2.509	6.9	19.0
5 21	15 0.72	− 0 12.4	1.530	2.491	9.3	19.1
5 31	14 52.78	− 0 15.9	1.557	2.472	12.7	19.3
6 10	14 46.71	− 0 40.5	1.604	2.454	16.1	19.4

465359 2008 AP_{67} 5 10.5 176.°89 6.°2/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.76	− 3 9.8	1.948	2.755	14.6	21.7
4 11	15 34.24	− 2 11.7	1.871	2.758	11.8	21.5
4 21	15 27.45	− 1 15.2	1.816	2.759	8.9	21.3
5 1	15 18.96	− 0 25.8	1.786	2.760	6.6	21.2
5 11	15 9.66	+ 0 11.0	1.783	2.761	6.5	21.2
5 21	15 0.48	+ 0 31.3	1.806	2.760	8.7	21.3
5 31	14 52.36	+ 0 32.7	1.854	2.760	11.6	21.5
6 10	14 46.03	+ 0 15.4	1.925	2.758	14.5	21.6

8971 Leucocephala 5 10.5 110.°64 0.°3/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.18	−18 15.2	2.489	3.278	12.3	18.7
4 11	15 30.98	−17 58.2	2.408	3.290	9.7	18.5
4 21	15 24.96	−17 34.6	2.350	3.302	6.6	18.4
5 1	15 17.65	−17 6.0	2.319	3.314	3.3	18.2
5 11	15 9.74	−16 34.7	2.316	3.325	0.4	17.9
5 21	15 1.97	−16 3.5	2.342	3.337	3.8	18.2
5 31	14 55.05	−15 35.5	2.395	3.348	7.0	18.4
6 10	14 49.57	−15 13.6	2.475	3.359	9.9	18.6

240086 2002 AK_{200} 5 10.5 25.°93 12.°7/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.30	+16 29.7	1.795	2.570	16.9	19.1
4 11	15 33.88	+17 20.2	1.749	2.581	15.1	19.0
4 21	15 27.12	+17 51.2	1.722	2.594	13.6	18.9
5 1	15 18.72	+17 55.6	1.716	2.607	12.7	18.9
5 11	15 9.68	+17 29.1	1.731	2.621	12.9	18.9
5 21	15 1.01	+16 31.4	1.769	2.635	13.9	19.0
5 31	14 53.62	+15 5.4	1.828	2.651	15.5	19.2
6 10	14 48.17	+13 16.5	1.906	2.666	17.2	19.3

195354 2002 FG_5 5 10.5 120.°05 9.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	16 0.06	−27 41.6	1.141	1.921	24.3	20.3
4 11	15 54.52	−30 22.7	1.069	1.930	20.6	20.1
4 21	15 43.69	−32 59.1	1.014	1.938	16.2	19.8
5 1	15 28.00	−35 17.1	0.981	1.946	12.0	19.6
5 11	15 9.13	−37 2.5	0.972	1.954	9.8	19.5
5 21	14 49.75	−38 7.3	0.987	1.961	11.3	19.6
5 31	14 32.80	−38 34.2	1.026	1.968	15.2	19.9
6 10	14 20.41	−38 35.9	1.085	1.975	19.2	20.1

94054 2000 YE_9 5 10.5 248.°43 5.°0/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.00	−33 43.6	2.256	2.994	14.9	20.0
4 11	15 34.85	−33 56.2	2.144	2.978	12.6	19.8
4 21	15 28.16	−33 53.0	2.052	2.962	9.9	19.6
5 1	15 19.47	−33 31.5	1.984	2.946	7.1	19.4
5 11	15 9.65	−32 51.1	1.942	2.929	5.1	19.2
5 21	14 59.75	−31 53.8	1.927	2.912	5.7	19.2
5 31	14 50.87	−30 44.4	1.940	2.894	8.3	19.3
6 10	14 43.89	−29 29.9	1.977	2.876	11.4	19.5

467930 2012 BP_{52} 5 10.5 67.°11 2.°2/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.72	−24 48.8	1.482	2.284	18.7	21.4
4 11	15 35.15	−24 43.6	1.414	2.298	15.0	21.2
4 21	15 28.51	−24 22.8	1.364	2.313	10.7	21.0
5 1	15 19.61	−23 46.4	1.337	2.328	6.0	20.7
5 11	15 9.66	−22 57.3	1.335	2.343	2.2	20.5
5 21	15 0.03	−22 0.8	1.359	2.358	5.2	20.8
5 31	14 52.00	−21 3.9	1.408	2.373	9.7	21.1
6 10	14 46.44	−20 13.5	1.479	2.388	13.8	21.3

102764 1999 VF_{136} 5 10.5 327.°45 0.°5/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.76	−16 0.0	1.374	2.200	18.6	19.6
4 11	15 34.90	−16 17.6	1.288	2.190	14.9	19.3
4 21	15 28.78	−16 30.0	1.221	2.181	10.4	19.0
5 1	15 19.98	−16 38.0	1.176	2.173	5.2	18.7
5 11	15 9.63	−16 43.2	1.155	2.165	0.6	18.3
5 21	14 59.16	−16 48.0	1.159	2.157	6.0	18.7
5 31	14 50.07	−16 55.8	1.186	2.150	11.3	18.9
6 10	14 43.55	−17 10.2	1.235	2.144	16.0	19.2

334920 2003 YU_{114} 5 10.5 101.°14 2.°5/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.85	−26 58.4	2.285	3.050	14.0	21.4
4 11	15 33.37	−26 59.7	2.206	3.067	11.3	21.3
4 21	15 26.75	−26 49.2	2.149	3.083	8.2	21.1
5 1	15 18.59	−26 26.4	2.116	3.099	5.0	20.9
5 11	15 9.72	−25 52.7	2.112	3.115	2.6	20.8
5 21	15 1.05	−25 11.1	2.135	3.130	4.1	20.9
5 31	14 53.43	−24 25.8	2.186	3.145	7.2	21.1
6 10	14 47.53	−23 41.7	2.263	3.160	10.2	21.3

333246 2012 HY_{71} 5 10.5 241.°58 6.°8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.98	− 1 23.2	2.166	2.971	13.4	20.3
4 11	15 31.99	− 0 7.4	2.073	2.956	11.0	20.1
4 21	15 25.93	+ 1 7.7	2.004	2.941	8.6	19.9
5 1	15 18.26	+ 2 16.1	1.960	2.925	7.0	19.8
5 11	15 9.73	+ 3 11.7	1.943	2.908	7.2	19.8
5 21	15 1.19	+ 3 49.9	1.952	2.891	9.2	19.9
5 31	14 53.48	+ 4 7.5	1.987	2.873	11.8	20.0
6 10	14 47.31	+ 4 4.1	2.043	2.854	14.5	20.1

305626 2009 AH_{41} 5 10.5 101.°92 1.°9/11.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.78	−22 44.4	1.499	2.302	18.5	21.5
4 11	15 36.87	−22 54.5	1.423	2.309	14.8	21.3
4 21	15 29.82	−22 52.4	1.367	2.317	10.5	21.1
5 1	15 20.33	−22 37.3	1.332	2.324	5.8	20.8
5 11	15 9.62	−22 10.8	1.323	2.332	1.9	20.6
5 21	14 59.09	−21 36.7	1.340	2.339	5.3	20.8
5 31	14 50.09	−21 0.8	1.382	2.346	10.0	21.1
6 10	14 43.62	−20 29.4	1.446	2.353	14.3	21.4

431033 2006 AW_{61} 5 10.5 141.°32 2.°1/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.48	−13 35.1	2.209	3.007	13.4	22.7
4 11	15 32.98	−13 2.4	2.129	3.017	10.5	22.5
4 21	15 26.44	−12 24.9	2.072	3.027	7.2	22.3
5 1	15 18.44	−11 45.3	2.042	3.036	3.8	22.1
5 11	15 9.74	−11 7.1	2.039	3.044	2.2	22.0
5 21	15 1.20	−10 33.9	2.065	3.052	5.1	22.2
5 31	14 53.64	−10 8.8	2.118	3.060	8.5	22.4
6 10	14 47.69	− 9 54.3	2.196	3.067	11.5	22.6

269950 2000 SX_{98} 5 10.5 188.°96 4.°3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.66	−30 52.8	2.301	3.046	14.4	21.2
4 11	15 35.92	−31 17.5	2.204	3.046	12.0	21.1
4 21	15 28.76	−31 29.3	2.127	3.044	9.2	20.9
5 1	15 19.72	−31 26.1	2.074	3.043	6.3	20.7
5 11	15 9.67	−31 7.3	2.049	3.041	4.4	20.6
5 21	14 59.64	−30 34.7	2.051	3.038	5.2	20.6
5 31	14 50.63	−29 52.2	2.081	3.035	7.9	20.8
6 10	14 43.47	−29 5.5	2.136	3.031	10.8	20.9

399080 2014 DO_{13} 5 10.5 27.°85 3.°9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.53	− 8 15.1	1.897	2.715	14.5	20.5
4 11	15 31.00	− 7 49.6	1.824	2.721	11.5	20.3
4 21	15 25.26	− 7 23.6	1.772	2.728	8.1	20.1
5 1	15 17.91	− 7 0.8	1.746	2.736	4.9	19.9
5 11	15 9.78	− 6 45.1	1.746	2.743	4.1	19.9
5 21	15 1.80	− 6 39.2	1.772	2.752	6.6	20.0
5 31	14 54.87	− 6 45.5	1.824	2.760	9.9	20.3
6 10	14 49.68	− 7 4.5	1.898	2.769	13.1	20.5

74219 1998 RM_{78} 5 10.5 56.°36 0.°9/10.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.21	−19 23.4	1.532	2.341	17.8	17.4
4 11	15 36.30	−19 44.4	1.457	2.348	14.2	17.2
4 21	15 29.38	−19 57.5	1.402	2.356	9.9	16.9
5 1	15 20.11	−20 2.1	1.370	2.364	5.1	16.7
5 11	15 9.66	−19 59.5	1.363	2.373	0.9	16.4
5 21	14 59.35	−19 52.2	1.382	2.381	5.2	16.7
5 31	14 50.49	−19 44.2	1.427	2.390	9.9	17.0
6 10	14 44.04	−19 39.8	1.494	2.398	14.0	17.3

55411 2001 TM_4 5 10.5 92.°53 1.°9/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.83	−24 20.1	2.304	3.080	13.6	19.7
4 11	15 32.58	−24 26.6	2.223	3.092	10.9	19.6
4 21	15 26.24	−24 23.4	2.163	3.104	7.8	19.4
5 1	15 18.37	−24 10.2	2.128	3.116	4.5	19.2
5 11	15 9.78	−23 48.2	2.121	3.127	1.9	19.0
5 21	15 1.31	−23 19.9	2.142	3.139	3.9	19.2
5 31	14 53.83	−22 49.1	2.191	3.151	7.2	19.4
6 10	14 47.99	−22 19.6	2.265	3.162	10.2	19.6

283037 2008 BG_8 5 10.5 167.°28 7.°3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.61	+ 9 53.7	3.114	3.882	10.5	22.0
4 11	15 30.08	+10 54.5	3.047	3.887	9.1	21.9
4 21	15 24.14	+11 47.4	3.005	3.892	7.9	21.8
5 1	15 17.22	+12 28.0	2.988	3.896	7.3	21.8
5 11	15 9.84	+12 52.9	2.997	3.899	7.6	21.8
5 21	15 2.58	+13 0.3	3.032	3.902	8.6	21.9
5 31	14 55.97	+12 49.7	3.092	3.905	10.0	22.0
6 10	14 50.47	+12 22.2	3.173	3.906	11.4	22.1

180858 2005 HX_7 5 10.5 317.°04 5.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.54	− 9 4.7	1.339	2.180	18.1	19.9
4 11	15 31.55	− 8 23.1	1.249	2.160	14.6	19.6
4 21	15 26.48	− 7 37.3	1.178	2.140	10.5	19.3
5 1	15 18.86	− 6 52.9	1.129	2.121	6.5	19.0
5 11	15 9.74	− 6 16.8	1.103	2.103	5.5	18.9
5 21	15 0.44	− 5 55.1	1.101	2.085	9.1	19.0
5 31	14 52.39	− 5 52.8	1.121	2.068	13.7	19.2
6 10	14 46.74	− 6 11.7	1.161	2.051	18.2	19.4

6706 1988 VD_3 5 10.5 219.°18 1.°0/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.30	−21 50.1	2.070	2.851	14.7	18.5
4 11	15 35.75	−21 43.9	1.967	2.842	11.8	18.3
4 21	15 28.73	−21 27.7	1.886	2.832	8.4	18.0
5 1	15 19.75	−21 1.5	1.829	2.822	4.4	17.8
5 11	15 9.70	−20 27.0	1.801	2.810	1.0	17.5
5 21	14 59.60	−19 47.3	1.801	2.798	4.4	17.7
5 31	14 50.51	−19 7.1	1.828	2.785	8.5	17.9
6 10	14 43.27	−18 31.2	1.880	2.772	12.2	18.1

301056 2008 UR_{46} 5 10.5 204.°91 1.°2/11.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.65	−22 28.6	1.627	2.424	17.5	22.0
4 11	15 36.66	−22 21.4	1.537	2.421	14.1	21.8
4 21	15 29.68	−22 1.5	1.467	2.417	10.0	21.5
5 1	15 20.31	−21 28.6	1.420	2.413	5.3	21.2
5 11	15 9.67	−20 45.0	1.400	2.409	1.2	20.9
5 21	14 59.07	−19 55.1	1.405	2.404	5.2	21.2
5 31	14 49.81	−19 5.3	1.437	2.398	10.0	21.4
6 10	14 42.90	−18 22.0	1.492	2.392	14.2	21.7

275095 2009 VE_{23} 5 10.5 213.°95 0.°4/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.43	−19 11.3	2.264	3.052	13.4	21.6
4 11	15 33.14	−18 43.8	2.163	3.045	10.7	21.4
4 21	15 26.72	−18 7.3	2.085	3.037	7.4	21.1
5 1	15 18.67	−17 23.3	2.033	3.028	3.7	20.9
5 11	15 9.77	−16 34.7	2.010	3.019	0.5	20.6
5 21	15 0.89	−15 45.2	2.015	3.010	4.3	20.9
5 31	14 52.90	−14 59.3	2.048	3.000	8.1	21.1
6 10	14 46.53	−14 21.1	2.106	2.989	11.4	21.3

282743 2006 EZ_{51} 5 10.5 285.°69 4.°4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.67	− 9 58.2	1.904	2.722	14.5	20.8
4 11	15 30.58	− 8 55.8	1.805	2.704	11.5	20.5
4 21	15 25.19	− 7 47.5	1.729	2.686	8.2	20.3
5 1	15 17.99	− 6 38.3	1.678	2.667	5.2	20.1
5 11	15 9.80	− 5 34.0	1.653	2.649	4.7	20.0
5 21	15 1.55	− 4 40.4	1.655	2.630	7.5	20.1
5 31	14 54.22	− 4 2.4	1.683	2.612	11.1	20.3
6 10	14 48.62	− 3 42.7	1.732	2.593	14.6	20.5

8369 Miyata 5 10.5 219.°84 4.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 43.71	−29 26.2	2.088	2.840	15.5	17.1
4 11	15 38.78	−30 20.9	1.988	2.834	13.0	16.9
4 21	15 31.05	−31 5.2	1.908	2.828	10.0	16.7
5 1	15 21.02	−31 35.5	1.852	2.821	6.9	16.5
5 11	15 9.64	−31 49.5	1.823	2.814	5.0	16.4
5 21	14 58.08	−31 47.2	1.821	2.806	6.0	16.4
5 31	14 47.58	−31 31.8	1.847	2.798	8.9	16.6
6 10	14 39.16	−31 8.7	1.897	2.790	12.1	16.7

20295 1998 FF_{75} 5 10.5 189.°56 2.°0/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.06	−22 44.3	1.822	2.607	16.3	17.7
4 11	15 37.48	−23 4.1	1.731	2.607	13.2	17.4
4 21	15 30.10	−23 14.2	1.661	2.606	9.4	17.2
5 1	15 20.49	−23 13.4	1.615	2.605	5.3	17.0
5 11	15 9.68	−23 2.3	1.595	2.603	2.0	16.7
5 21	14 58.86	−22 43.1	1.603	2.600	4.9	16.9
5 31	14 49.25	−22 19.9	1.638	2.598	9.1	17.2
6 10	14 41.82	−21 57.9	1.696	2.594	13.0	17.4

148125 1999 TV_{166} 5 10.5 153.°59 2.°5/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.94	−28 11.0	3.039	3.786	11.2	21.2
4 11	15 31.44	−28 18.1	2.945	3.793	9.2	21.1
4 21	15 25.26	−28 15.8	2.874	3.799	6.8	20.9
5 1	15 17.84	−28 3.3	2.829	3.805	4.3	20.7
5 11	15 9.83	−27 41.4	2.812	3.811	2.6	20.6
5 21	15 1.89	−27 11.9	2.825	3.816	3.5	20.7
5 31	14 54.68	−26 37.5	2.866	3.821	5.9	20.9
6 10	14 48.76	−26 1.9	2.934	3.826	8.3	21.0

334766 2003 SC_{64} 5 10.5 198.°34 3.°8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.36	− 9 14.7	2.029	2.840	13.9	20.8
4 11	15 31.58	− 8 33.6	1.945	2.840	11.0	20.6
4 21	15 25.66	− 7 50.1	1.884	2.839	7.8	20.4
5 1	15 18.14	− 7 8.1	1.849	2.838	4.8	20.2
5 11	15 9.81	− 6 31.8	1.840	2.837	4.0	20.2
5 21	15 1.58	− 6 5.3	1.859	2.836	6.5	20.3
5 31	14 54.30	− 5 51.4	1.903	2.835	9.9	20.5
6 10	14 48.69	− 5 51.7	1.971	2.834	13.0	20.7

499277 2009 VN_{68} 5 10.5 160.°22 1.°0/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.68	−22 55.3	2.146	2.928	14.3	22.5
4 11	15 33.42	−22 38.2	2.057	2.932	11.4	22.3
4 21	15 26.92	−22 10.1	1.990	2.936	8.0	22.1
5 1	15 18.76	−21 31.6	1.948	2.940	4.3	21.9
5 11	15 9.78	−20 45.2	1.934	2.943	1.0	21.6
5 21	15 0.93	−19 54.6	1.949	2.946	4.1	21.9
5 31	14 53.12	−19 4.5	1.990	2.949	7.8	22.1
6 10	14 47.05	−18 19.8	2.057	2.951	11.2	22.3

277394 2005 UK_{151} 5 10.5 302.°65 0.°7/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.86	−20 5.0	2.230	3.023	13.5	20.8
4 11	15 31.28	−20 10.7	2.128	3.011	10.8	20.6
4 21	15 25.55	−20 9.3	2.048	2.998	7.6	20.4
5 1	15 18.15	−20 1.0	1.993	2.986	3.9	20.1
5 11	15 9.81	−19 47.1	1.965	2.974	0.7	19.9
5 21	15 1.41	−19 30.0	1.965	2.963	4.0	20.1
5 31	14 53.84	−19 12.6	1.992	2.951	7.8	20.3
6 10	14 47.86	−18 58.5	2.044	2.940	11.2	20.5

88332 2001 OO_{60} 5 10.5 329.°67 0.°8/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.36	−19 42.7	1.107	1.954	20.8	19.4
4 11	15 30.51	−19 10.8	1.026	1.941	16.7	19.1
4 21	15 26.12	−18 21.6	0.962	1.929	11.6	18.8
5 1	15 18.78	−17 17.4	0.919	1.917	5.8	18.4
5 11	15 9.77	−16 4.2	0.897	1.907	1.0	18.0
5 21	15 0.71	−14 50.7	0.898	1.897	7.0	18.4
5 31	14 53.27	−13 46.9	0.920	1.888	13.1	18.7
6 10	14 48.70	−13 1.0	0.961	1.881	18.4	18.9

461665 2005 GM_{179} 5 10.5 15.°26 2.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.77	−19 48.9	1.200	2.027	20.7	20.3
4 11	15 36.92	−20 50.7	1.131	2.031	16.7	20.0
4 21	15 30.39	−21 46.1	1.079	2.036	11.9	19.7
5 1	15 20.85	−22 32.3	1.048	2.042	6.6	19.5
5 11	15 9.67	−23 7.5	1.041	2.048	2.6	19.2
5 21	14 58.54	−23 31.8	1.057	2.056	6.3	19.5
5 31	14 49.18	−23 48.5	1.096	2.065	11.4	19.8
6 10	14 42.83	−24 2.7	1.156	2.075	16.1	20.1

497157 2004 RE_{197} 5 10.5 188.°92 4.°9/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.70	−34 37.5	2.670	3.386	13.3	22.9
4 11	15 36.49	−35 5.2	2.567	3.385	11.3	22.7
4 21	15 29.03	−35 19.8	2.486	3.383	8.9	22.5
5 1	15 19.84	−35 18.8	2.429	3.381	6.6	22.4
5 11	15 9.73	−35 1.2	2.400	3.378	5.1	22.3
5 21	14 59.62	−34 28.4	2.399	3.374	5.4	22.3
5 31	14 50.44	−33 43.7	2.425	3.370	7.4	22.4
6 10	14 42.96	−32 52.5	2.478	3.365	9.8	22.5

506992 2008 SZ_{239} 5 10.5 204.°95 0.°5/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.84	−18 44.6	2.150	2.937	14.1	22.0
4 11	15 35.21	−19 0.9	2.055	2.935	11.2	21.8
4 21	15 28.25	−19 11.4	1.983	2.932	7.8	21.6
5 1	15 19.49	−19 16.2	1.935	2.929	4.0	21.3
5 11	15 9.75	−19 16.0	1.916	2.926	0.5	21.0
5 21	14 59.99	−19 12.7	1.925	2.922	4.2	21.3
5 31	14 51.19	−19 8.9	1.962	2.918	8.1	21.6
6 10	14 44.13	−19 7.7	2.024	2.914	11.5	21.8

44181 1998 KA_{43} 5 10.5 356.°96 5.°6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.32	− 3 29.4	2.112	2.926	13.4	19.1
4 11	15 29.86	− 2 42.1	2.034	2.925	10.8	19.0
4 21	15 24.41	− 1 56.5	1.978	2.925	8.1	18.8
5 1	15 17.50	− 1 17.5	1.948	2.924	6.0	18.6
5 11	15 9.87	− 0 49.5	1.943	2.924	5.8	18.6
5 21	15 2.34	− 0 35.9	1.966	2.924	7.8	18.8
5 31	14 55.69	− 0 38.6	2.013	2.924	10.5	18.9
6 10	14 50.58	− 0 57.6	2.082	2.925	13.2	19.1

302177 2001 TP_{108} 5 10.5 251.°48 2.°9/11.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.45	−25 29.6	1.612	2.402	17.9	21.8
4 11	15 36.84	−25 39.3	1.512	2.389	14.7	21.5
4 21	15 30.06	−25 35.0	1.431	2.375	10.7	21.2
5 1	15 20.65	−25 14.6	1.372	2.360	6.3	20.9
5 11	15 9.70	−24 38.7	1.339	2.345	2.9	20.7
5 21	14 58.57	−23 50.5	1.332	2.330	5.6	20.8
5 31	14 48.74	−22 56.4	1.350	2.314	10.2	21.0
6 10	14 41.35	−22 4.1	1.391	2.298	14.7	21.2

97452 2000 CB_8 5 10.5 319.°51 17.°8/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 46.31	−43 41.2	1.134	1.882	26.2	19.3
4 11	15 44.96	−46 33.4	1.060	1.874	23.9	19.1
4 21	15 38.11	−49 7.5	0.999	1.865	21.5	18.9
5 1	15 25.76	−51 7.7	0.954	1.858	19.3	18.7
5 11	15 9.38	−52 18.8	0.927	1.850	18.0	18.6
5 21	14 51.89	−52 32.2	0.917	1.843	18.1	18.6
5 31	14 36.87	−51 51.4	0.925	1.837	19.5	18.6
6 10	14 27.08	−50 31.7	0.948	1.831	21.9	18.8

470381 2007 TA_{290} 5 10.5 285.°78 0.°2/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.57	−17 44.6	2.051	2.848	14.3	21.5
4 11	15 33.78	−17 46.0	1.935	2.821	11.5	21.3
4 21	15 27.54	−17 41.1	1.841	2.794	8.1	21.0
5 1	15 19.28	−17 30.4	1.771	2.767	4.1	20.7
5 11	15 9.79	−17 15.5	1.729	2.739	0.3	20.4
5 21	15 0.03	−16 58.9	1.714	2.711	4.7	20.6
5 31	14 51.08	−16 44.1	1.727	2.683	9.0	20.8
6 10	14 43.87	−16 34.7	1.763	2.655	12.9	21.0

253594 2003 TE_{15} 5 10.5 166.°96 0.°8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.59	−22 29.0	2.074	2.853	14.8	21.6
4 11	15 35.78	−22 10.2	1.985	2.859	11.8	21.4
4 21	15 28.59	−21 40.2	1.918	2.864	8.3	21.2
5 1	15 19.62	−20 59.6	1.876	2.868	4.3	20.9
5 11	15 9.78	−20 11.0	1.862	2.871	0.8	20.7
5 21	15 0.08	−19 18.3	1.877	2.874	4.3	20.9
5 31	14 51.50	−18 26.5	1.919	2.876	8.2	21.2
6 10	14 44.79	−17 40.8	1.987	2.877	11.7	21.4

283169 2009 DC_{140} 5 10.5 148.°07 17.°0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.53	+10 25.7	1.197	2.020	21.0	20.6
4 11	15 35.34	+13 48.6	1.156	2.025	18.7	20.5
4 21	15 28.84	+16 56.3	1.134	2.030	17.3	20.4
5 1	15 19.87	+19 30.6	1.134	2.034	17.1	20.4
5 11	15 9.77	+21 17.8	1.153	2.038	18.2	20.5
5 21	15 0.02	+22 11.6	1.190	2.042	20.2	20.6
5 31	14 51.98	+22 13.0	1.244	2.045	22.5	20.8
6 10	14 46.58	+21 29.5	1.310	2.047	24.6	21.0

101067 1998 RJ_{14} 5 10.5 206.°92 2.°3/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.65	−25 8.7	2.200	2.974	14.2	20.4
4 11	15 33.52	−25 16.4	2.104	2.972	11.5	20.2
4 21	15 27.10	−25 13.5	2.029	2.969	8.3	20.0
5 1	15 18.93	−24 59.2	1.980	2.966	4.9	19.8
5 11	15 9.82	−24 34.4	1.957	2.963	2.3	19.6
5 21	15 0.73	−24 1.7	1.963	2.959	4.2	19.7
5 31	14 52.61	−23 25.0	1.996	2.955	7.7	19.9
6 10	14 46.24	−22 49.2	2.053	2.951	11.0	20.1

131194 2001 DD_{10} 5 10.5 12.°01 0.°4/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.11	−15 56.2	1.458	2.283	17.8	18.9
4 11	15 33.18	−16 15.4	1.384	2.287	14.1	18.7
4 21	15 27.31	−16 29.8	1.330	2.291	9.7	18.5
5 1	15 19.15	−16 39.9	1.299	2.296	4.8	18.2
5 11	15 9.81	−16 47.4	1.292	2.302	0.5	17.9
5 21	15 0.59	−16 54.5	1.311	2.309	5.5	18.3
5 31	14 52.73	−17 4.3	1.354	2.317	10.2	18.5
6 10	14 47.22	−17 19.6	1.419	2.326	14.4	18.8

417729 2007 CY_{41} 5 10.5 45.°92 9.°1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.19	−38 32.7	1.605	2.347	19.9	20.2
4 11	15 37.73	−39 39.1	1.533	2.358	17.2	20.0
4 21	15 30.75	−40 24.6	1.477	2.369	14.2	19.8
5 1	15 20.96	−40 43.1	1.442	2.381	11.3	19.7
5 11	15 9.72	−40 31.6	1.429	2.393	9.4	19.6
5 21	14 58.65	−39 51.4	1.440	2.405	9.4	19.6
5 31	14 49.33	−38 49.0	1.474	2.418	11.3	19.8
6 10	14 42.88	−37 34.6	1.531	2.431	14.0	20.0

63520 2001 PF 5 10.5 254.°28 7.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.33	−38 59.6	2.360	3.065	15.1	19.1
4 11	15 36.92	−39 59.9	2.257	3.057	13.2	19.0
4 21	15 29.78	−40 45.8	2.174	3.048	11.0	18.8
5 1	15 20.42	−41 12.6	2.113	3.039	9.0	18.6
5 11	15 9.75	−41 17.6	2.077	3.030	7.6	18.5
5 21	14 58.90	−41 0.5	2.066	3.021	7.7	18.5
5 31	14 49.08	−40 24.4	2.082	3.011	9.3	18.6
6 10	14 41.30	−39 35.2	2.122	3.002	11.5	18.7

219608 2001 TO_{94} 5 10.5 168.°41 1.°3/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.50	−23 18.7	2.341	3.113	13.5	21.6
4 11	15 34.68	−23 11.3	2.249	3.118	10.8	21.4
4 21	15 27.72	−22 54.0	2.180	3.122	7.7	21.2
5 1	15 19.17	−22 26.9	2.136	3.126	4.2	21.0
5 11	15 9.83	−21 51.7	2.120	3.128	1.3	20.8
5 21	15 0.58	−21 11.3	2.134	3.131	3.9	21.0
5 31	14 52.30	−20 29.9	2.175	3.132	7.4	21.2
6 10	14 45.69	−19 51.7	2.243	3.133	10.6	21.4

24455 Kaňuchová 5 10.5 105.°13 1.°3/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.23	−13 54.3	2.287	3.084	13.0	18.0
4 11	15 32.84	−13 55.6	2.202	3.089	10.3	17.8
4 21	15 26.44	−13 53.8	2.139	3.093	7.0	17.6
5 1	15 18.53	−13 50.4	2.103	3.098	3.5	17.4
5 11	15 9.86	−13 47.0	2.094	3.102	1.3	17.2
5 21	15 1.27	−13 45.8	2.114	3.107	4.4	17.5
5 31	14 53.57	−13 48.7	2.161	3.111	7.9	17.7
6 10	14 47.42	−13 57.7	2.234	3.115	11.0	17.9

285651 2000 SR_{35} 5 10.5 295.°36 5.°9/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.81	−32 14.3	2.184	2.929	15.1	20.7
4 11	15 35.87	−33 11.4	2.066	2.904	12.9	20.4
4 21	15 29.21	−33 57.8	1.969	2.879	10.3	20.2
5 1	15 20.23	−34 29.6	1.895	2.854	7.6	20.0
5 11	15 9.76	−34 43.8	1.846	2.828	5.9	19.9
5 21	14 58.90	−34 40.0	1.825	2.803	6.6	19.8
5 31	14 48.88	−34 20.6	1.829	2.777	9.2	19.9
6 10	14 40.79	−33 50.8	1.858	2.752	12.2	20.1

191344 2003 QK_{33} 5 10.5 223.°60 4.°8/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.71	− 6 41.4	2.305	3.112	12.6	19.8
4 11	15 30.84	− 5 30.0	2.214	3.103	10.1	19.6
4 21	15 25.06	− 4 16.0	2.146	3.095	7.4	19.4
5 1	15 17.85	− 3 4.3	2.105	3.085	5.2	19.3
5 11	15 9.91	− 2 0.2	2.092	3.076	5.2	19.3
5 21	15 2.00	− 1 8.5	2.106	3.066	7.3	19.4
5 31	14 54.90	− 0 32.5	2.147	3.055	10.1	19.5
6 10	14 49.24	− 0 13.9	2.211	3.044	12.8	19.7

415093 2012 BW_{140} 5 10.5 159.°10 6.°8/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.50	− 2 35.0	1.906	2.715	14.8	22.1
4 11	15 34.07	− 1 19.8	1.835	2.721	12.0	21.9
4 21	15 27.36	− 0 6.2	1.786	2.727	9.2	21.8
5 1	15 19.00	+ 0 59.4	1.762	2.732	7.1	21.6
5 11	15 9.85	+ 1 50.8	1.765	2.737	7.2	21.6
5 21	15 0.89	+ 2 23.4	1.794	2.741	9.2	21.8
5 31	14 53.03	+ 2 34.8	1.848	2.744	12.1	22.0
6 10	14 46.97	+ 2 25.3	1.923	2.747	14.8	22.1

262382 2006 TG_{124} 5 10.5 49.°24 2.°1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.93	−14 29.2	2.261	3.067	12.9	20.4
4 11	15 29.48	−13 42.8	2.175	3.067	10.1	20.2
4 21	15 24.13	−12 50.1	2.111	3.068	6.9	20.0
5 1	15 17.37	−11 54.2	2.074	3.069	3.6	19.8
5 11	15 9.94	−10 59.2	2.064	3.069	2.3	19.7
5 21	15 2.60	−10 9.2	2.083	3.070	5.1	19.9
5 31	14 56.12	− 9 28.2	2.128	3.071	8.4	20.1
6 10	14 51.12	− 8 58.9	2.198	3.072	11.4	20.3

222649 2001 XL_{174} 5 10.5 135.°10 1.°2/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.38	−16 13.8	2.191	2.984	13.6	21.7
4 11	15 33.74	−15 46.3	2.112	2.997	10.7	21.5
4 21	15 27.02	−15 12.5	2.055	3.009	7.3	21.3
5 1	15 18.79	−14 34.4	2.025	3.020	3.6	21.1
5 11	15 9.87	−13 55.1	2.023	3.031	1.3	20.9
5 21	15 1.12	−13 18.3	2.049	3.041	4.6	21.2
5 31	14 53.39	−12 47.7	2.103	3.051	8.2	21.4
6 10	14 47.32	−12 26.0	2.182	3.060	11.3	21.6

436883 2012 TT_{28} 5 10.5 274.°71 1.°6/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.69	−16 0.8	2.007	2.814	14.2	21.7
4 11	15 31.30	−15 26.9	1.908	2.801	11.3	21.4
4 21	15 25.66	−14 45.1	1.832	2.789	7.8	21.2
5 1	15 18.25	−13 57.8	1.780	2.776	3.9	20.9
5 11	15 9.89	−13 8.8	1.756	2.763	1.7	20.7
5 21	15 1.51	−12 22.6	1.759	2.751	5.2	21.0
5 31	14 54.06	−11 43.7	1.788	2.738	9.2	21.2
6 10	14 48.31	−11 16.0	1.841	2.725	12.8	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
96215	1993 QR_9		5 10.5	206.°61	0.°0/10.4	18
	h m	° ′			°	m
4 1	15 40.56	−18 56.2	1.727	2.527	16.5	20.2
4 11	15 36.37	−18 50.7	1.636	2.524	13.2	19.9
4 21	15 29.38	−18 36.2	1.566	2.520	9.2	19.7
5 1	15 20.18	−18 13.5	1.520	2.516	4.6	19.4
5 11	15 9.79	−17 44.9	1.501	2.511	0.2	19.0
5 21	14 59.41	−17 14.2	1.509	2.506	5.1	19.4
5 31	14 50.25	−16 46.0	1.542	2.500	9.7	19.7
6 10	14 43.26	−16 25.0	1.599	2.494	13.8	19.9
6702	1988 BP_3		5 10.5	308.°26	4.°8/ 7.4	18
4 1	15 33.23	− 9 11.5	1.720	2.547	15.4	17.5
4 11	15 30.46	− 8 14.0	1.631	2.533	12.3	17.2
4 21	15 25.24	− 7 12.1	1.562	2.520	8.8	17.0
5 1	15 18.09	− 6 10.7	1.517	2.507	5.6	16.8
5 11	15 9.90	− 5 16.1	1.499	2.494	5.1	16.7
5 21	15 1.70	− 4 34.1	1.505	2.481	7.9	16.8
5 31	14 54.52	− 4 9.1	1.536	2.469	11.7	17.0
6 10	14 49.23	− 4 3.3	1.589	2.457	15.3	17.2
114840	2003 OK_{31}		5 10.5	282.°04	5.°0/12.9	18
4 1	15 39.32	−28 47.9	1.559	2.344	18.6	19.7
4 11	15 36.27	−29 22.4	1.459	2.329	15.5	19.4
4 21	15 29.89	−29 42.3	1.378	2.313	11.9	19.1
5 1	15 20.68	−29 43.7	1.318	2.297	7.9	18.9
5 11	15 9.76	−29 25.0	1.282	2.280	5.1	18.7
5 21	14 58.57	−28 47.8	1.271	2.264	6.6	18.7
5 31	14 48.71	−27 57.8	1.285	2.248	10.7	18.9
6 10	14 41.44	−27 3.7	1.320	2.232	14.9	19.1
175	Andromache		5 10.5	273.°75	0.°7/11.0	18
4 1	15 35.04	−20 57.7	2.587	3.368	12.1	13.7
4 11	15 31.17	−20 55.0	2.472	3.347	9.7	13.5
4 21	15 25.38	−20 44.9	2.379	3.326	6.8	13.3
5 1	15 18.07	−20 27.7	2.313	3.305	3.6	13.1
5 11	15 9.91	−20 4.6	2.274	3.284	0.7	12.8
5 21	15 1.63	−19 38.0	2.265	3.262	3.6	13.0
5 31	14 54.04	−19 10.9	2.283	3.240	7.1	13.2
6 10	14 47.82	−18 46.6	2.327	3.218	10.2	13.3
94589	2001 VZ_{57}		5 10.5	353.°41	2.°5/11.4	17
4 1	15 38.38	−21 36.9	1.220	2.045	20.6	19.1
4 11	15 35.90	−22 13.2	1.143	2.042	16.7	18.8
4 21	15 29.77	−22 39.1	1.084	2.040	12.0	18.5
5 1	15 20.62	−22 52.7	1.045	2.038	6.7	18.2
5 11	15 9.77	−22 53.8	1.029	2.037	2.5	18.0
5 21	14 58.89	−22 44.7	1.037	2.036	6.2	18.2
5 31	14 49.69	−22 30.7	1.067	2.037	11.6	18.5
6 10	14 43.44	−22 18.3	1.118	2.037	16.4	18.8
12886	1998 QG_{35}		5 10.5	229.°94	3.°9/13.1	18
4 1	15 39.30	−29 49.3	2.406	3.155	13.8	18.5
4 11	15 34.83	−30 12.1	2.299	3.145	11.5	18.3
4 21	15 28.06	−30 23.2	2.213	3.134	8.7	18.1
5 1	15 19.46	−30 20.7	2.152	3.123	5.9	17.9
5 11	15 9.84	−30 4.1	2.118	3.112	3.9	17.8
5 21	15 0.13	−29 34.9	2.112	3.100	4.9	17.8
5 31	14 51.32	−28 56.7	2.133	3.088	7.6	17.9
6 10	14 44.22	−28 14.5	2.180	3.076	10.6	18.1
364598	2007 RB_{190}		5 10.5	151.°75	4.°0/12.9	17
4 1	15 41.06	−28 57.1	1.689	2.464	17.8	21.5
4 11	15 36.99	−29 9.6	1.605	2.469	14.7	21.3
4 21	15 29.89	−29 5.8	1.539	2.473	11.0	21.1
5 1	15 20.44	−28 43.6	1.497	2.477	7.0	20.9
5 11	15 9.79	−28 3.5	1.480	2.480	4.1	20.7
5 21	14 59.26	−27 9.0	1.489	2.483	5.6	20.8
5 31	14 50.18	−26 6.8	1.524	2.486	9.4	21.0
6 10	14 43.51	−25 4.9	1.582	2.488	13.3	21.2
497489	2006 AJ_{19}		5 10.5	111.°40	7.°1/ 5.8	18
4 1	15 38.77	+ 1 30.9	2.131	2.928	13.8	21.7
4 11	15 33.87	+ 2 29.5	2.073	2.948	11.4	21.5
4 21	15 26.99	+ 3 22.1	2.038	2.967	8.9	21.4
5 1	15 18.72	+ 4 3.4	2.028	2.986	7.3	21.3
5 11	15 9.89	+ 4 28.9	2.045	3.004	7.3	21.4
5 21	15 1.33	+ 4 35.9	2.088	3.021	9.0	21.5
5 31	14 53.82	+ 4 23.7	2.157	3.038	11.2	21.7
6 10	14 47.95	+ 3 53.6	2.247	3.055	13.5	21.9
432394	2009 XL_5		5 10.5	66.°14	4.°7/ 8.5	15
4 1	15 41.33	− 5 14.0	1.749	2.559	15.9	20.9
4 11	15 36.36	− 5 4.0	1.689	2.580	12.7	20.7
4 21	15 28.93	− 4 57.3	1.650	2.601	9.1	20.6
5 1	15 19.76	− 4 57.3	1.636	2.622	5.8	20.4
5 11	15 9.84	− 5 7.0	1.648	2.643	4.8	20.4
5 21	15 0.24	− 5 28.1	1.688	2.664	7.2	20.6
5 31	14 51.95	− 6 1.1	1.753	2.685	10.5	20.8
6 10	14 45.69	− 6 45.4	1.841	2.706	13.7	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
183559	2003 KQ_{12}		5 10.5	199.°29	3.°6/ 7.3	17
	h m	° ′			°	m
4 1	15 32.91	− 7 59.9	2.669	3.472	11.2	20.9
4 11	15 29.13	− 7 12.6	2.581	3.470	8.9	20.8
4 21	15 23.72	− 6 23.8	2.517	3.468	6.3	20.6
5 1	15 17.14	− 5 36.7	2.480	3.465	4.1	20.4
5 11	15 9.97	− 4 55.1	2.471	3.462	3.8	20.4
5 21	15 2.87	− 4 22.0	2.490	3.459	5.7	20.5
5 31	14 56.46	− 4 0.0	2.536	3.456	8.3	20.7
6 10	14 51.29	− 3 50.4	2.607	3.453	10.7	20.8
148375	2000 SO_{184}		5 10.5	178.°15	2.°9/ 7.7	18
4 1	15 33.51	− 9 10.5	3.004	3.798	10.3	21.5
4 11	15 29.37	− 8 28.5	2.915	3.800	8.1	21.4
4 21	15 23.78	− 7 44.8	2.851	3.801	5.7	21.2
5 1	15 17.13	− 7 1.9	2.814	3.802	3.5	21.1
5 11	15 9.98	− 6 23.0	2.807	3.802	3.0	21.0
5 21	15 2.90	− 5 50.8	2.829	3.802	4.9	21.2
5 31	14 56.46	− 5 27.5	2.879	3.801	7.3	21.3
6 10	14 51.12	− 5 14.5	2.954	3.800	9.6	21.5
251642	2010 LC_{97}		5 10.5	280.°34	7.°6/ 3.1	18
4 1	15 32.49	+ 3 17.0	2.428	3.229	12.2	20.4
4 11	15 29.10	+ 4 38.7	2.335	3.207	10.3	20.2
4 21	15 23.89	+ 5 57.0	2.265	3.186	8.6	20.1
5 1	15 17.31	+ 7 6.0	2.220	3.164	7.6	20.0
5 11	15 9.98	+ 8 0.1	2.202	3.142	8.1	20.0
5 21	15 2.60	+ 8 35.0	2.209	3.120	9.7	20.0
5 31	14 55.91	+ 8 48.4	2.241	3.097	11.8	20.1
6 10	14 50.54	+ 8 40.3	2.293	3.075	14.0	20.2
124990	2001 TT_{142}		5 10.5	91.°74	2.°4/ 9.4	18
4 1	15 41.37	−13 35.8	1.420	2.241	18.4	20.1
4 11	15 37.21	−13 19.9	1.353	2.253	14.5	19.8
4 21	15 29.99	−12 58.7	1.306	2.265	10.0	19.6
5 1	15 20.45	−12 35.0	1.281	2.277	5.1	19.4
5 11	15 9.82	−12 13.0	1.282	2.289	2.5	19.2
5 21	14 59.48	−11 56.8	1.308	2.301	6.5	19.5
5 31	14 50.70	−11 50.2	1.359	2.312	11.2	19.8
6 10	14 44.40	−11 55.7	1.432	2.324	15.3	20.1
508691	2017 UC_{18}		5 10.5	194.°01	3.°3/12.4	18
4 1	15 41.86	−26 46.6	2.284	3.042	14.2	21.9
4 11	15 36.87	−27 18.5	2.185	3.040	11.6	21.7
4 21	15 29.47	−27 40.6	2.108	3.037	8.7	21.5
5 1	15 20.18	−27 50.9	2.056	3.035	5.5	21.3
5 11	15 9.83	−27 49.0	2.032	3.031	3.3	21.2
5 21	14 59.44	−27 36.1	2.036	3.028	4.7	21.3
5 31	14 50.01	−27 15.2	2.068	3.023	7.8	21.4
6 10	14 42.39	−26 51.1	2.125	3.018	10.9	21.6
266473	2008 AT_{90}		5 10.5	284.°77	4.°7/ 7.9	17
4 1	15 36.35	− 9 23.9	1.552	2.378	16.8	20.9
4 11	15 33.22	− 8 37.1	1.466	2.369	13.4	20.7
4 21	15 27.31	− 7 46.3	1.400	2.359	9.5	20.4
5 1	15 19.19	− 6 56.5	1.358	2.349	5.9	20.2
5 11	15 9.88	− 6 13.8	1.341	2.339	5.0	20.1
5 21	15 0.56	− 5 43.8	1.349	2.329	8.2	20.3
5 31	14 52.44	− 5 30.7	1.381	2.319	12.3	20.5
6 10	14 46.46	− 5 36.6	1.434	2.309	16.2	20.7
156500	2002 CU_{142}		5 10.5	338.°83	0.°4/10.8	18
4 1	15 35.07	−20 30.0	1.638	2.450	16.7	19.8
4 11	15 32.19	−20 19.6	1.552	2.445	13.4	19.6
4 21	15 26.56	−19 58.0	1.485	2.441	9.4	19.3
5 1	15 18.80	−19 26.2	1.442	2.437	4.8	19.0
5 11	15 9.91	−18 47.2	1.424	2.434	0.4	18.7
5 21	15 1.06	−18 5.2	1.432	2.431	5.0	19.0
5 31	14 53.43	−17 25.8	1.465	2.428	9.7	19.3
6 10	14 47.93	−16 54.2	1.521	2.426	13.8	19.5
393058	2013 AL_{61}		5 10.5	180.°50	2.°8/ 8.5	17
4 1	15 36.11	− 9 4.3	2.657	3.452	11.5	21.6
4 11	15 31.64	− 8 47.0	2.568	3.453	9.1	21.4
4 21	15 25.46	− 8 29.0	2.503	3.454	6.3	21.3
5 1	15 18.03	− 8 12.5	2.464	3.454	3.7	21.1
5 11	15 9.96	− 8 0.0	2.454	3.453	2.9	21.0
5 21	15 1.95	− 7 53.6	2.473	3.453	5.0	21.2
5 31	14 54.67	− 7 55.2	2.520	3.452	7.8	21.3
6 10	14 48.68	− 8 5.7	2.592	3.451	10.4	21.5
92028	1999 VM_{177}		5 10.5	281.°56	2.°5/ 8.2	18 R
4 1	15 33.03	−13 20.6	2.520	3.321	11.9	19.9
4 11	15 29.55	−12 24.3	2.404	3.294	9.4	19.7
4 21	15 24.24	−11 20.9	2.312	3.267	6.5	19.5
5 1	15 17.51	−10 13.6	2.247	3.240	3.6	19.3
5 11	15 9.98	− 9 6.5	2.210	3.212	2.8	19.1
5 21	15 2.37	− 8 4.1	2.202	3.184	5.3	19.3
5 31	14 55.41	− 7 10.7	2.222	3.156	8.6	19.4
6 10	14 49.76	− 6 29.7	2.266	3.127	11.6	19.6

477204 2009 HG_{85} 5 10.5 301.°95 3.°7/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.23	− 6 26.7	2.119	2.921	13.8	20.5
4 11	15 34.82	− 6 31.8	2.013	2.900	11.1	20.3
4 21	15 28.10	− 6 39.6	1.929	2.880	8.0	20.1
5 1	15 19.53	− 6 52.7	1.871	2.859	4.9	19.9
5 11	15 9.88	− 7 13.3	1.840	2.839	3.8	19.7
5 21	15 0.06	− 7 42.9	1.838	2.819	6.3	19.9
5 31	14 51.04	− 8 22.6	1.862	2.799	9.7	20.0
6 10	14 43.67	− 9 12.3	1.911	2.779	13.1	20.2

129255 2005 QC_{69} 5 10.5 269.°71 5.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.41	− 4 2.4	2.331	3.137	12.5	20.1
4 11	15 30.63	− 3 22.8	2.239	3.127	10.1	19.9
4 21	15 24.95	− 2 44.5	2.170	3.116	7.5	19.7
5 1	15 17.85	− 2 11.3	2.127	3.105	5.4	19.5
5 11	15 9.99	− 1 47.4	2.111	3.095	5.2	19.5
5 21	15 2.14	− 1 35.8	2.123	3.084	7.1	19.6
5 31	14 55.05	− 1 38.4	2.160	3.073	9.8	19.8
6 10	14 49.39	− 1 55.9	2.220	3.062	12.5	19.9

520914 2014 WM_{530} 5 10.5 52.°12 5.°1/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.15	− 8 55.5	1.693	2.518	15.7	21.0
4 11	15 30.95	− 7 43.2	1.626	2.528	12.4	20.8
4 21	15 25.37	− 6 27.5	1.581	2.538	8.8	20.6
5 1	15 18.07	− 5 14.4	1.560	2.548	5.8	20.5
5 11	15 9.98	− 4 10.6	1.565	2.558	5.4	20.5
5 21	15 2.12	− 3 21.7	1.596	2.568	8.0	20.6
5 31	14 55.44	− 2 51.6	1.652	2.579	11.4	20.8
6 10	14 50.65	− 2 41.4	1.729	2.589	14.6	21.1

287995 2003 UP_{187} 5 10.5 191.°39 2.°7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.31	−26 5.7	2.203	2.973	14.3	20.6
4 11	15 34.09	−26 22.0	2.109	2.972	11.7	20.4
4 21	15 27.54	−26 27.5	2.036	2.972	8.5	20.2
5 1	15 19.20	−26 21.3	1.987	2.971	5.2	20.0
5 11	15 9.92	−26 3.7	1.966	2.969	2.8	19.8
5 21	15 0.65	−25 36.8	1.973	2.968	4.4	19.9
5 31	14 52.37	−25 4.4	2.007	2.966	7.7	20.1
6 10	14 45.86	−24 31.4	2.066	2.964	11.0	20.3

192953 2000 BJ_{21} 5 10.5 60.°17 3.°2/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.63	−25 45.1	1.277	2.087	20.7	20.2
4 11	15 36.58	−25 56.4	1.208	2.096	16.8	20.0
4 21	15 29.98	−25 50.5	1.156	2.105	12.2	19.8
5 1	15 20.60	−25 26.0	1.125	2.114	7.1	19.5
5 11	15 9.85	−24 44.5	1.117	2.123	3.3	19.3
5 21	14 59.36	−23 51.0	1.134	2.133	6.0	19.5
5 31	14 50.68	−22 53.9	1.174	2.142	10.9	19.8
6 10	14 44.89	−22 1.6	1.236	2.152	15.4	20.1

330455 Anbrysse 5 10.5 269.°50 3.°8/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.15	−10 21.7	1.769	2.587	15.4	20.6
4 11	15 32.66	− 9 41.5	1.683	2.581	12.2	20.3
4 21	15 26.69	− 8 57.4	1.618	2.575	8.6	20.1
5 1	15 18.82	− 8 13.6	1.578	2.569	5.1	19.9
5 11	15 9.94	− 7 35.0	1.564	2.564	4.0	19.8
5 21	15 1.10	− 7 6.2	1.576	2.558	7.0	19.9
5 31	14 53.35	− 6 51.0	1.613	2.552	10.8	20.2
6 10	14 47.50	− 6 51.2	1.673	2.546	14.4	20.4

176666 2002 PJ_{25} 5 10.5 177.°32 0.°5/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.45	−18 41.5	2.081	2.872	14.4	21.5
4 11	15 34.87	−18 16.8	1.992	2.874	11.4	21.3
4 21	15 28.00	−17 43.5	1.924	2.876	7.9	21.1
5 1	15 19.39	−17 2.9	1.881	2.877	3.9	20.8
5 11	15 9.92	−16 18.1	1.867	2.877	0.6	20.6
5 21	15 0.54	−15 33.2	1.881	2.877	4.6	20.9
5 31	14 52.21	−14 52.5	1.923	2.876	8.5	21.1
6 10	14 45.67	−14 20.0	1.990	2.874	12.0	21.3

171280 2006 FY_{34} 5 10.5 139.°19 11.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 57.83	−34 31.2	1.332	2.080	22.9	20.2
4 11	15 52.48	−37 0.0	1.256	2.088	19.9	20.0
4 21	15 42.17	−39 17.0	1.198	2.095	16.4	19.8
5 1	15 27.32	−41 9.4	1.160	2.101	13.3	19.6
5 11	15 9.50	−42 25.3	1.146	2.107	11.5	19.5
5 21	14 51.15	−42 58.9	1.156	2.113	12.2	19.6
5 31	14 34.99	−42 54.4	1.189	2.118	14.8	19.7
6 10	14 23.02	−42 24.5	1.243	2.122	18.0	19.9

387506 1998 KQ_5 5 10.5 1.°12 5.°9/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.28	− 2 24.7	1.899	2.714	14.6	20.8
4 11	15 31.67	− 1 58.5	1.822	2.713	11.8	20.6
4 21	15 25.83	− 1 36.4	1.766	2.713	8.9	20.4
5 1	15 18.32	− 1 23.0	1.735	2.713	6.4	20.3
5 11	15 9.98	− 1 22.4	1.730	2.714	6.1	20.2
5 21	15 1.73	− 1 36.8	1.751	2.715	8.1	20.4
5 31	14 54.49	− 2 7.3	1.796	2.716	11.1	20.5
6 10	14 48.98	− 2 53.0	1.864	2.718	14.0	20.7

97889 2000 QO_{56} 5 10.5 353.°02 2.°2/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.53	−18 42.8	1.054	1.910	20.9	18.4
4 11	15 28.23	−17 43.2	0.982	1.904	16.6	18.1
4 21	15 24.47	−16 24.5	0.929	1.898	11.4	17.8
5 1	15 17.95	−14 51.8	0.895	1.894	5.7	17.5
5 11	15 9.99	−13 14.4	0.883	1.892	2.5	17.3
5 21	15 2.16	−11 43.5	0.894	1.890	7.8	17.6
5 31	14 56.00	−10 29.8	0.925	1.890	13.5	17.9
6 10	14 52.60	− 9 40.2	0.975	1.892	18.5	18.2

272853 2006 BH_{39} 5 10.5 133.°41 0.°0/10.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.75	−19 8.5	1.945	2.742	15.0	21.3
4 11	15 33.72	−19 0.0	1.861	2.747	11.9	21.1
4 21	15 27.30	−18 43.3	1.798	2.751	8.2	20.8
5 1	15 19.07	−18 19.2	1.759	2.754	4.1	20.6
5 11	15 9.94	−17 50.3	1.748	2.758	0.2	20.3
5 21	15 0.91	−17 19.9	1.764	2.762	4.5	20.6
5 31	14 52.98	−16 52.0	1.808	2.765	8.6	20.9
6 10	14 46.91	−16 30.7	1.875	2.768	12.1	21.1

500976 2013 QD_{80} 5 10.5 204.°38 2.°1/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.74	−25 2.4	2.198	2.968	14.3	23.0
4 11	15 35.21	−25 3.3	2.098	2.964	11.6	22.8
4 21	15 28.32	−24 53.0	2.020	2.959	8.4	22.6
5 1	15 19.61	−24 30.9	1.966	2.953	4.9	22.3
5 11	15 9.92	−23 58.1	1.941	2.947	2.1	22.1
5 21	15 0.23	−23 17.4	1.943	2.940	4.2	22.3
5 31	14 51.53	−22 33.2	1.974	2.932	7.9	22.5
6 10	14 44.63	−21 50.5	2.029	2.924	11.3	22.7

359455 2010 NW_{37} 5 10.5 275.°47 4.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.53	−30 29.1	2.499	3.244	13.4	20.7
4 11	15 34.21	−31 12.7	2.395	3.236	11.2	20.5
4 21	15 27.64	−31 46.1	2.313	3.229	8.7	20.4
5 1	15 19.30	−32 6.9	2.256	3.221	6.1	20.2
5 11	15 9.93	−32 13.8	2.226	3.214	4.5	20.1
5 21	15 0.45	−32 7.5	2.223	3.206	5.2	20.1
5 31	14 51.80	−31 50.4	2.248	3.199	7.5	20.2
6 10	14 44.78	−31 26.9	2.298	3.191	10.2	20.4

375971 2009 WR_{217} 5 10.5 213.°63 0.°7/11.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.05	−21 15.4	2.330	3.108	13.4	22.3
4 11	15 34.47	−21 9.1	2.227	3.101	10.7	22.1
4 21	15 27.72	−20 54.1	2.146	3.092	7.5	21.9
5 1	15 19.28	−20 30.8	2.091	3.083	3.9	21.6
5 11	15 9.93	−20 0.8	2.064	3.074	0.7	21.3
5 21	15 0.57	−19 26.8	2.066	3.063	4.0	21.6
5 31	14 52.07	−18 52.6	2.097	3.053	7.7	21.8
6 10	14 45.20	−18 22.3	2.152	3.041	11.0	22.0

243863 2000 WJ_{154} 5 10.5 215.°48 3.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.81	−32 24.4	2.678	3.416	12.8	20.2
4 11	15 31.76	−32 19.4	2.574	3.411	10.7	20.0
4 21	15 25.73	−32 0.6	2.492	3.407	8.2	19.8
5 1	15 18.23	−31 26.9	2.434	3.402	5.6	19.6
5 11	15 9.99	−30 39.2	2.404	3.396	3.8	19.5
5 21	15 1.81	−29 40.0	2.402	3.391	4.4	19.5
5 31	14 54.50	−28 33.6	2.429	3.385	6.7	19.7
6 10	14 48.69	−27 25.2	2.482	3.379	9.4	19.8

121461 1999 TX_{208} 5 10.5 92.°34 17.°5/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 54.49	−47 22.3	1.233	1.943	26.3	19.5
4 11	15 51.35	−50 4.1	1.171	1.951	24.0	19.3
4 21	15 42.33	−52 21.5	1.122	1.959	21.6	19.2
5 1	15 27.72	−53 59.1	1.088	1.968	19.4	19.0
5 11	15 9.49	−54 43.6	1.072	1.976	17.9	19.0
5 21	14 50.87	−54 30.0	1.075	1.984	17.5	19.0
5 31	14 35.39	−53 25.4	1.096	1.992	18.5	19.0
6 10	14 25.32	−51 46.9	1.134	1.999	20.3	19.2

506821 2007 SH_{24} 5 10.5 175.°83 5.°1/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.86	− 0 39.5	2.688	3.478	11.5	21.8
4 11	15 32.15	− 0 10.0	2.605	3.480	9.3	21.6
4 21	15 25.77	+ 0 15.7	2.547	3.481	7.1	21.5
5 1	15 18.18	+ 0 34.1	2.515	3.482	5.4	21.4
5 11	15 10.00	+ 0 42.3	2.511	3.483	5.3	21.3
5 21	15 1.91	+ 0 38.2	2.535	3.483	6.8	21.4
5 31	14 54.56	+ 0 20.9	2.586	3.483	9.0	21.6
6 10	14 48.49	− 0 9.3	2.661	3.483	11.2	21.7

461833 2006 BH_{276} 5 10.5 261.°21 5.°7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.19	−47 55.4	4.601	5.213	9.2	21.3
4 11	15 30.81	−48 35.7	4.495	5.208	8.3	21.2
4 21	15 24.88	−49 4.9	4.408	5.203	7.4	21.1
5 1	15 17.77	−49 21.1	4.345	5.198	6.5	21.1
5 11	15 10.02	−49 23.2	4.306	5.193	5.8	21.0
5 21	15 2.21	−49 11.3	4.292	5.188	5.7	21.0
5 31	14 54.97	−48 46.8	4.304	5.183	6.1	21.0
6 10	14 48.81	−48 12.4	4.342	5.178	7.0	21.1

308023 2004 RK_{254} 5 10.5 270.°79 0.°0/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.79	−18 18.7	1.558	2.366	17.6	21.7
4 11	15 37.23	−18 24.1	1.453	2.345	14.2	21.4
4 21	15 30.48	−18 21.4	1.368	2.324	10.0	21.1
5 1	15 21.01	−18 10.9	1.306	2.302	5.1	20.7
5 11	15 9.85	−17 54.0	1.269	2.279	0.2	20.3
5 21	14 58.33	−17 33.9	1.258	2.256	5.8	20.6
5 31	14 47.97	−17 15.3	1.273	2.233	11.1	20.9
6 10	14 39.99	−17 3.4	1.309	2.210	15.8	21.1

99413 2002 AY_{109} 5 10.5 340.°64 0.°5/10.3 18

4 1	15 34.98	−17 54.4	1.234	2.071	19.7	19.3
4 11	15 33.01	−17 48.7	1.155	2.064	15.8	19.0
4 21	15 27.66	−17 32.6	1.094	2.057	11.0	18.7
5 1	15 19.55	−17 7.6	1.054	2.052	5.5	18.4
5 11	15 9.93	−16 37.3	1.037	2.047	0.7	18.1
5 21	15 0.29	−16 6.7	1.043	2.042	6.3	18.4
5 31	14 52.19	−15 42.0	1.072	2.039	11.9	18.7
6 10	14 46.79	−15 28.5	1.122	2.036	16.8	19.0

289771 2005 JR_{91} 5 10.5 334.°05 0.°8/11.0 17

4 1	15 34.63	−22 39.9	1.442	2.258	18.4	20.4
4 11	15 32.27	−22 16.9	1.357	2.252	14.8	20.2
4 21	15 26.86	−21 38.1	1.291	2.247	10.4	19.9
5 1	15 19.04	−20 44.3	1.248	2.243	5.5	19.6
5 11	15 9.96	−19 39.5	1.229	2.238	0.8	19.2
5 21	15 0.93	−18 30.0	1.235	2.234	5.5	19.5
5 31	14 53.31	−17 23.6	1.265	2.231	10.5	19.8
6 10	14 48.09	−16 27.9	1.317	2.228	15.1	20.1

484559 2008 HN_{42} 5 10.5 332.°77 3.°2/ 6.5 18

4 1	15 27.33	− 3 5.3	4.080	4.876	7.8	21.2
4 11	15 24.22	− 2 35.7	3.992	4.873	6.2	21.1
4 21	15 20.11	− 2 7.6	3.929	4.870	4.6	21.0
5 1	15 15.30	− 1 43.1	3.894	4.867	3.4	20.9
5 11	15 10.15	− 1 24.2	3.887	4.864	3.4	20.9
5 21	15 5.03	− 1 12.4	3.909	4.861	4.5	21.0
5 31	15 0.31	− 1 8.9	3.958	4.859	6.1	21.1
6 10	14 56.33	− 1 14.2	4.032	4.856	7.7	21.2

245496 2005 QS_{85} 5 10.5 262.°40 0.°2/10.3 18

4 1	15 34.24	−19 53.9	2.742	3.524	11.5	20.6
4 11	15 30.38	−19 21.0	2.624	3.502	9.1	20.4
4 21	15 24.75	−18 39.4	2.530	3.479	6.3	20.2
5 1	15 17.76	−17 50.5	2.462	3.456	3.2	20.0
5 11	15 10.03	−16 56.6	2.423	3.433	0.3	19.7
5 21	15 2.23	−16 1.2	2.414	3.409	3.7	19.9
5 31	14 55.08	−15 8.2	2.433	3.384	7.0	20.1
6 10	14 49.21	−14 21.2	2.478	3.360	10.0	20.2

396567 1999 YH_{15} 5 10.5 264.°88 0.°3/10.2 18

4 1	15 30.66	−18 18.0	3.494	4.276	9.2	21.7
4 11	15 27.12	−17 56.8	3.381	4.259	7.3	21.5
4 21	15 22.28	−17 30.2	3.291	4.242	5.0	21.3
5 1	15 16.45	−16 59.5	3.229	4.224	2.5	21.1
5 11	15 10.10	−16 26.3	3.197	4.207	0.4	20.9
5 21	15 3.74	−15 52.8	3.194	4.189	2.9	21.1
5 31	14 57.87	−15 21.3	3.221	4.171	5.5	21.3
6 10	14 52.93	−14 54.1	3.273	4.153	7.9	21.4

174490 2003 BV_{11} 5 10.5 343.°34 11.°8/19.3 16

4 1	15 40.11	−48 50.0	2.008	2.674	18.5	18.9
4 11	15 37.11	−50 8.8	1.918	2.668	16.9	18.7
4 21	15 30.57	−51 6.2	1.843	2.662	15.1	18.6
5 1	15 21.08	−51 35.3	1.787	2.656	13.4	18.5
5 11	15 9.86	−51 31.1	1.751	2.652	12.2	18.4
5 21	14 58.54	−50 52.8	1.737	2.647	11.8	18.3
5 31	14 48.79	−49 44.4	1.745	2.644	12.5	18.4
6 10	14 41.89	−48 14.4	1.774	2.641	14.1	18.5

416451 2003 VM_{12} 5 10.5 230.°27 2.°8/ 8.8 17

4 1	15 41.04	−11 19.3	2.171	2.966	13.7	22.6
4 11	15 36.16	−10 52.4	2.065	2.950	10.9	22.4
4 21	15 28.98	−10 21.9	1.982	2.934	7.7	22.2
5 1	15 19.97	− 9 50.3	1.925	2.916	4.3	21.9
5 11	15 9.93	− 9 21.1	1.896	2.898	3.0	21.8
5 21	14 59.79	− 8 57.8	1.895	2.879	5.8	21.9
5 31	14 50.50	− 8 43.6	1.923	2.859	9.5	22.1
6 10	14 42.89	− 8 40.9	1.974	2.838	13.0	22.3

44973 1999 VV_{112} 5 10.5 265.°33 0.°4/10.8 18

4 1	15 38.70	−20 25.3	1.767	2.566	16.2	20.7
4 11	15 35.10	−20 16.6	1.661	2.547	13.1	20.4
4 21	15 28.69	−19 57.3	1.575	2.528	9.2	20.1
5 1	15 19.99	−19 27.8	1.513	2.508	4.8	19.8
5 11	15 9.92	−18 50.0	1.478	2.488	0.4	19.4
5 21	14 59.67	−18 7.8	1.469	2.467	5.1	19.7
5 31	14 50.46	−17 26.8	1.486	2.446	9.8	19.9
6 10	14 43.35	−16 52.4	1.527	2.424	14.1	20.1

212735 2007 RT_{242} 5 10.5 201.°85 2.°5/ 9.1 16

	h m	° ′			°	m
4 1	15 40.45	−13 13.3	1.840	2.645	15.4	21.0
4 11	15 36.00	−12 45.6	1.750	2.641	12.3	20.8
4 21	15 28.99	−12 12.5	1.682	2.637	8.5	20.5
5 1	15 19.99	−11 36.8	1.638	2.632	4.5	20.3
5 11	15 9.94	−11 2.4	1.621	2.627	2.6	20.1
5 21	14 59.91	−10 33.4	1.632	2.621	6.0	20.3
5 31	14 51.01	−10 13.8	1.670	2.614	10.1	20.6
6 10	14 44.07	−10 6.4	1.730	2.607	13.8	20.8

2311 El Leoncito 5 10.5 246.°20 2.°3/ 8.3 18

4 1	15 31.33	−11 5.5	2.911	3.711	10.5	16.4
4 11	15 27.81	−10 32.0	2.819	3.708	8.2	16.2
4 21	15 22.81	− 9 55.9	2.751	3.704	5.7	16.0
5 1	15 16.72	− 9 19.7	2.710	3.701	3.2	15.8
5 11	15 10.10	− 8 46.1	2.697	3.698	2.5	15.8
5 21	15 3.52	− 8 17.7	2.713	3.694	4.5	15.9
5 31	14 57.57	− 7 57.0	2.757	3.691	7.1	16.1
6 10	14 52.72	− 7 45.4	2.826	3.687	9.5	16.2

394693 2008 CV_{183} 5 10.5 76.°32 4.°6/ 7.2 18

4 1	15 33.98	− 5 2.0	2.353	3.160	12.4	20.7
4 11	15 30.18	− 4 23.6	2.273	3.161	9.9	20.5
4 21	15 24.57	− 3 46.2	2.216	3.163	7.3	20.4
5 1	15 17.64	− 3 13.6	2.184	3.165	5.1	20.2
5 11	15 10.06	− 2 49.5	2.180	3.166	4.8	20.2
5 21	15 2.57	− 2 36.6	2.204	3.168	6.7	20.3
5 31	14 55.89	− 2 37.0	2.253	3.170	9.3	20.5
6 10	14 50.61	− 2 50.9	2.326	3.172	11.9	20.7

332107 2005 UC_{272} 5 10.5 179.°38 1.°3/ 9.6 17

4 1	15 37.33	−16 40.4	2.089	2.887	14.1	21.4
4 11	15 33.18	−16 8.0	2.000	2.888	11.1	21.2
4 21	15 26.83	−15 28.1	1.934	2.889	7.6	21.0
5 1	15 18.82	−14 42.7	1.893	2.889	3.8	20.7
5 11	15 10.00	−13 55.6	1.881	2.889	1.4	20.6
5 21	15 1.27	−13 10.7	1.896	2.888	4.9	20.8
5 31	14 53.53	−12 32.4	1.938	2.888	8.6	21.0
6 10	14 47.50	−12 4.1	2.005	2.886	12.0	21.2

504444 2008 CK_9 5 10.5 77.°25 5.°6/ 6.2 17

4 1	15 33.51	− 2 40.1	2.270	3.079	12.7	21.5
4 11	15 29.83	− 1 44.6	2.198	3.085	10.3	21.3
4 21	15 24.33	− 0 51.4	2.149	3.091	7.8	21.2
5 1	15 17.50	− 0 5.0	2.126	3.098	5.9	21.1
5 11	15 10.07	+ 0 30.1	2.129	3.104	5.9	21.1
5 21	15 2.77	+ 0 50.6	2.159	3.110	7.7	21.2
5 31	14 56.32	+ 0 54.7	2.214	3.116	10.1	21.3
6 10	14 51.31	+ 0 42.5	2.292	3.122	12.5	21.5

291938 2006 QN_{32} 5 10.5 233.°59 2.°7/13.8 17

4 1	15 32.51	−32 3.0	4.241	4.961	8.7	22.2
4 11	15 28.45	−32 9.5	4.123	4.948	7.2	22.1
4 21	15 23.12	−32 7.7	4.027	4.934	5.6	21.9
5 1	15 16.86	−31 57.0	3.958	4.919	3.9	21.8
5 11	15 10.11	−31 37.6	3.918	4.905	2.8	21.7
5 21	15 3.33	−31 10.6	3.907	4.890	3.2	21.7
5 31	14 57.02	−30 37.9	3.925	4.874	4.7	21.8
6 10	14 51.60	−30 2.0	3.971	4.859	6.4	21.9

219637 2001 UP_{63} 5 10.5 250.°95 0.°5/10.2 18

4 1	15 36.32	−19 19.7	1.864	2.666	15.3	20.5
4 11	15 32.83	−18 47.0	1.768	2.658	12.2	20.3
4 21	15 26.85	−18 3.3	1.694	2.649	8.5	20.0
5 1	15 18.94	−17 10.4	1.644	2.640	4.2	19.8
5 11	15 10.00	−16 11.9	1.620	2.630	0.7	19.5
5 21	15 1.07	−15 13.1	1.625	2.621	5.0	19.8
5 31	14 53.20	−14 19.5	1.655	2.611	9.3	20.0
6 10	14 47.24	−13 36.2	1.709	2.601	13.2	20.2

232224 2002 JX_{120} 5 10.5 33.°07 8.°7/ 6.6 17

4 1	15 35.69	− 0 6.2	1.339	2.175	18.5	19.7
4 11	15 32.57	+ 0 52.1	1.294	2.194	15.0	19.5
4 21	15 26.64	+ 1 42.5	1.267	2.213	11.6	19.3
5 1	15 18.73	+ 2 17.3	1.262	2.234	9.2	19.3
5 11	15 10.02	+ 2 30.4	1.281	2.255	9.0	19.3
5 21	15 1.73	+ 2 19.0	1.322	2.277	11.1	19.5
5 31	14 54.96	+ 1 43.3	1.385	2.300	14.1	19.7
6 10	14 50.44	+ 0 46.6	1.468	2.323	17.0	20.0

304668 2006 WA_{78} 5 10.5 30.°47 0.°0/10.5 17

4 1	15 35.35	−18 19.8	2.030	2.830	14.3	20.5
4 11	15 31.72	−18 21.5	1.948	2.836	11.3	20.3
4 21	15 25.87	−18 16.5	1.889	2.842	7.8	20.1
5 1	15 18.37	−18 5.7	1.854	2.849	3.9	19.9
5 11	15 10.03	−17 51.1	1.846	2.856	0.2	19.6
5 21	15 1.80	−17 35.2	1.865	2.863	4.3	19.9
5 31	14 54.57	−17 21.4	1.912	2.870	8.1	20.2
6 10	14 49.07	−17 12.6	1.982	2.878	11.5	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
203947	2003 RA_9		5 10.5	222.°52	3.°9/13.6	18
	h m	° ′			°	m
4 1	15 38.56	−31 46.2	2.482	3.222	13.6	20.4
4 11	15 34.17	−31 49.7	2.374	3.213	11.4	20.2
4 21	15 27.56	−31 39.3	2.287	3.203	8.7	20.0
5 1	15 19.23	−31 13.3	2.224	3.193	6.0	19.8
5 11	15 10.00	−30 32.1	2.189	3.182	4.0	19.7
5 21	15 0.76	−29 37.9	2.182	3.171	4.7	19.7
5 31	14 52.43	−28 35.2	2.203	3.159	7.4	19.8
6 10	14 45.78	−27 29.7	2.250	3.147	10.3	20.0
21378	1998 CJ_4		5 10.5	132.°09	5.°6/14.6	18
4 1	15 42.76	−34 56.6	2.247	2.973	15.3	18.4
4 11	15 37.67	−35 26.7	2.163	2.986	12.9	18.2
4 21	15 30.03	−35 41.2	2.098	2.998	10.2	18.0
5 1	15 20.46	−35 37.2	2.058	3.011	7.5	17.9
5 11	15 9.94	−35 14.0	2.043	3.022	5.7	17.8
5 21	14 59.59	−34 33.5	2.056	3.033	6.1	17.8
5 31	14 50.45	−33 40.5	2.096	3.044	8.2	18.0
6 10	14 43.34	−32 41.4	2.162	3.054	10.8	18.2
499612	2010 UF_6		5 10.5	233.°81	1.°9/ 9.3	17
4 1	15 39.14	−14 52.6	1.981	2.781	14.7	22.5
4 11	15 34.91	−14 22.4	1.879	2.768	11.7	22.3
4 21	15 28.24	−13 45.2	1.799	2.754	8.1	22.0
5 1	15 19.65	−13 3.4	1.745	2.740	4.2	21.8
5 11	15 9.98	−12 20.7	1.718	2.725	2.1	21.6
5 21	15 0.24	−11 41.2	1.719	2.709	5.6	21.8
5 31	14 51.47	−11 9.5	1.747	2.693	9.6	22.0
6 10	14 44.52	−10 49.0	1.798	2.676	13.4	22.2
239264	2007 GH_{12}		5 10.5	245.°40	9.°1/29.9	18
4 1	15 34.43	+14 43.4	2.933	3.690	11.4	20.6
4 11	15 30.28	+16 0.7	2.853	3.672	10.2	20.5
4 21	15 24.54	+17 8.3	2.796	3.654	9.4	20.4
5 1	15 17.62	+18 0.9	2.763	3.636	9.1	20.3
5 11	15 10.08	+18 34.0	2.754	3.617	9.5	20.3
5 21	15 2.55	+18 45.1	2.769	3.597	10.6	20.4
5 31	14 55.65	+18 33.5	2.807	3.577	11.9	20.4
6 10	14 49.90	+18 0.5	2.864	3.557	13.3	20.5
55858	1996 XT_{20}		5 10.5	123.°00	0.°9/ 9.9	18
4 1	15 36.92	−15 22.3	2.385	3.178	12.7	20.2
4 11	15 32.54	−15 18.5	2.301	3.185	10.0	20.1
4 21	15 26.22	−15 10.6	2.239	3.192	6.8	19.9
5 1	15 18.49	−14 59.7	2.204	3.199	3.4	19.7
5 11	15 10.05	−14 47.8	2.196	3.205	1.0	19.5
5 21	15 1.70	−14 37.2	2.218	3.212	4.1	19.7
5 31	14 54.21	−14 30.3	2.267	3.218	7.5	20.0
6 10	14 48.22	−14 29.1	2.342	3.224	10.5	20.2
382808	2003 UF_{206}		5 10.5	209.°39	0.°4/10.9	18
4 1	15 36.21	−22 24.8	2.530	3.306	12.5	21.6
4 11	15 32.00	−21 50.8	2.427	3.300	10.0	21.4
4 21	15 25.88	−21 6.2	2.347	3.294	7.0	21.2
5 1	15 18.33	−20 12.2	2.294	3.287	3.6	20.9
5 11	15 10.06	−19 11.6	2.269	3.279	0.4	20.6
5 21	15 1.84	−18 8.0	2.274	3.271	3.7	20.9
5 31	14 54.44	−17 6.0	2.308	3.263	7.1	21.1
6 10	14 48.50	−16 10.1	2.367	3.254	10.2	21.3
175423	2006 PO_{26}		5 10.5	287.°38	1.°4/ 9.8	17
4 1	15 37.91	−15 49.9	1.568	2.385	17.1	20.7
4 11	15 34.84	−15 37.3	1.463	2.361	13.7	20.4
4 21	15 28.77	−15 16.9	1.378	2.337	9.6	20.1
5 1	15 20.15	−14 50.5	1.315	2.312	4.9	19.7
5 11	15 9.96	−14 21.4	1.278	2.287	1.6	19.4
5 21	14 59.45	−13 53.7	1.267	2.262	6.2	19.7
5 31	14 50.01	−13 32.6	1.280	2.237	11.3	19.9
6 10	14 42.83	−13 22.7	1.315	2.212	16.0	20.1
501297	2013 WF_{63}		5 10.6	208.°26	2.°3/ 8.6	18
4 1	15 36.85	−13 9.3	2.528	3.320	12.1	22.6
4 11	15 32.41	−12 22.4	2.428	3.313	9.5	22.5
4 21	15 26.12	−11 30.1	2.353	3.305	6.6	22.3
5 1	15 18.45	−10 35.3	2.304	3.297	3.6	22.0
5 11	15 10.06	− 9 41.5	2.285	3.288	2.5	22.0
5 21	15 1.70	− 8 52.7	2.295	3.278	5.0	22.1
5 31	14 54.11	− 8 12.5	2.333	3.267	8.2	22.3
6 10	14 47.91	− 7 43.5	2.396	3.255	11.1	22.5
44895	1999 VL_9		5 10.6	355.°31	1.°4/11.7	18
4 1	15 32.86	−27 19.3	1.646	2.443	17.3	17.7
4 11	15 30.45	−26 19.6	1.558	2.441	14.0	17.5
4 21	15 25.33	−24 58.0	1.490	2.438	10.0	17.2
5 1	15 18.19	−23 16.4	1.445	2.437	5.5	17.0
5 11	15 10.07	−21 20.2	1.427	2.436	1.5	16.7
5 21	15 2.15	−19 17.8	1.436	2.436	4.8	16.9
5 31	14 55.53	−17 19.4	1.471	2.436	9.4	17.2
6 10	14 51.03	−15 34.0	1.530	2.437	13.6	17.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
11376	Taizomuta		5 10.6	5.°40	0.°7/10.2	18
	h m	° ′			°	m
4 1	15 33.78	−18 11.9	1.265	2.101	19.3	17.8
4 11	15 31.84	−17 55.6	1.193	2.101	15.4	17.5
4 21	15 26.69	−17 28.0	1.138	2.102	10.6	17.3
5 1	15 19.01	−16 51.2	1.105	2.103	5.3	17.0
5 11	15 10.04	−16 9.6	1.096	2.105	0.9	16.7
5 21	15 1.20	−15 29.2	1.110	2.108	6.2	17.0
5 31	14 53.90	−14 56.3	1.147	2.113	11.4	17.3
6 10	14 49.15	−14 35.8	1.205	2.118	16.0	17.6
441178	2007 TK_{411}		5 10.6	350.°23	9.°8/ 2.7	18
4 1	15 32.35	−12 8.0	0.987	1.850	21.5	20.2
4 11	15 31.20	− 8 35.1	0.923	1.847	17.1	19.9
4 21	15 26.45	− 4 37.9	0.879	1.845	12.6	19.6
5 1	15 18.92	− 0 35.7	0.859	1.843	9.9	19.4
5 11	15 10.05	+ 3 6.6	0.863	1.842	11.3	19.5
5 21	15 1.48	+ 6 7.8	0.890	1.841	15.5	19.7
5 31	14 54.72	+ 8 15.3	0.936	1.841	20.0	20.0
6 10	14 50.80	+ 9 28.3	0.998	1.842	24.1	20.2
56465	2000 GS_{98}		5 10.6	157.°94	0.°1/10.6	18
4 1	15 40.17	−21 12.4	1.590	2.393	17.6	19.5
4 11	15 36.21	−20 43.7	1.509	2.397	14.0	19.3
4 21	15 29.33	−20 1.5	1.448	2.401	9.8	19.0
5 1	15 20.22	−19 7.2	1.410	2.405	4.9	18.8
5 11	15 10.00	−18 5.0	1.398	2.408	0.2	18.4
5 21	14 59.95	−17 0.6	1.413	2.411	5.3	18.8
5 31	14 51.32	−16 1.0	1.454	2.413	10.1	19.1
6 10	14 45.01	−15 12.3	1.517	2.415	14.2	19.3
463176	2012 BM_{93}		5 10.6	133.°43	0.°6/10.9	16
4 1	15 41.69	−20 33.4	1.808	2.599	16.2	22.8
4 11	15 37.00	−20 30.0	1.729	2.610	12.9	22.6
4 21	15 29.65	−20 16.9	1.671	2.621	9.0	22.4
5 1	15 20.30	−19 54.7	1.638	2.631	4.6	22.2
5 11	15 9.99	−19 25.4	1.631	2.641	0.6	21.9
5 21	14 59.87	−18 52.7	1.652	2.650	4.7	22.2
5 31	14 51.03	−18 21.2	1.700	2.659	8.9	22.5
6 10	14 44.31	−17 55.5	1.772	2.667	12.7	22.7
508666	2017 UJ_{10}		5 10.6	213.°33	3.°1/12.4	17
4 1	15 41.78	−26 25.3	2.317	3.075	14.0	22.0
4 11	15 36.85	−26 55.0	2.213	3.068	11.5	21.8
4 21	15 29.53	−27 15.2	2.131	3.061	8.5	21.6
5 1	15 20.30	−27 24.2	2.074	3.053	5.4	21.3
5 11	15 9.99	−27 21.3	2.044	3.045	3.1	21.2
5 21	14 59.58	−27 7.8	2.043	3.036	4.6	21.3
5 31	14 50.08	−26 46.7	2.071	3.026	7.8	21.4
6 10	14 42.35	−26 22.5	2.123	3.016	11.0	21.6
402219	2005 AM_{46}		5 10.6	164.°27	0.°1/10.5	16
4 1	15 41.71	−19 34.5	2.102	2.885	14.5	22.6
4 11	15 36.61	−19 13.5	2.015	2.893	11.5	22.4
4 21	15 29.19	−18 43.5	1.950	2.899	8.0	22.2
5 1	15 20.02	−18 5.6	1.911	2.905	4.0	22.0
5 11	15 10.01	−17 22.6	1.900	2.909	0.2	21.7
5 21	15 0.14	−16 38.3	1.917	2.913	4.4	22.0
5 31	14 51.36	−15 57.2	1.963	2.916	8.3	22.3
6 10	14 44.42	−15 23.4	2.034	2.918	11.8	22.5
408486	2013 JN_6		5 10.6	84.°36	2.°0/ 9.7	17
4 1	15 41.87	−13 37.2	1.422	2.241	18.4	21.4
4 11	15 37.67	−13 31.9	1.355	2.253	14.6	21.1
4 21	15 30.38	−13 22.0	1.306	2.265	10.0	20.9
5 1	15 20.74	−13 9.9	1.281	2.277	5.1	20.6
5 11	15 9.98	−12 58.8	1.281	2.289	2.2	20.5
5 21	14 59.47	−12 52.1	1.306	2.300	6.3	20.8
5 31	14 50.52	−12 53.4	1.357	2.312	11.0	21.1
6 10	14 44.08	−13 5.0	1.429	2.323	15.2	21.3
374285	2005 QW_{60}		5 10.6	269.°35	1.°0/ 9.9	17
4 1	15 36.25	−18 17.7	1.774	2.582	15.8	21.8
4 11	15 32.98	−17 44.2	1.675	2.568	12.6	21.5
4 21	15 27.11	−16 59.8	1.597	2.553	8.7	21.2
5 1	15 19.15	−16 6.4	1.543	2.539	4.4	21.0
5 11	15 10.05	−15 8.2	1.515	2.524	1.1	20.7
5 21	15 0.88	−14 10.3	1.514	2.509	5.4	20.9
5 31	14 52.79	−13 18.9	1.539	2.494	10.0	21.2
6 10	14 46.67	−12 38.9	1.587	2.479	14.0	21.4
448570	2010 SL_7		5 10.6	355.°30	5.°8/13.7	16
4 1	15 35.59	−31 2.5	1.807	2.580	16.9	20.1
4 11	15 32.77	−31 54.3	1.719	2.576	14.2	19.9
4 21	15 27.13	−32 32.5	1.649	2.572	11.1	19.7
5 1	15 19.22	−32 53.6	1.602	2.570	7.9	19.5
5 11	15 10.04	−32 55.8	1.579	2.568	5.9	19.4
5 21	15 0.80	−32 40.1	1.581	2.567	6.6	19.4
5 31	14 52.74	−32 10.7	1.609	2.567	9.4	19.6
6 10	14 46.87	−31 33.9	1.659	2.567	12.6	19.8

87653 2000 RQ_{86} 5 10.6 155.°40 0.°6/10.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.86	−21 39.9	2.128	2.914	14.3	19.7
4 11	15 33.61	−21 21.7	2.041	2.919	11.4	19.5
4 21	15 27.14	−20 53.3	1.975	2.924	7.9	19.3
5 1	15 19.01	−20 15.6	1.935	2.928	4.1	19.0
5 11	15 10.07	−19 31.2	1.922	2.932	0.6	18.8
5 21	15 1.25	−18 43.8	1.938	2.936	4.1	19.0
5 31	14 53.46	−17 58.0	1.981	2.939	7.9	19.3
6 10	14 47.41	−17 18.2	2.050	2.942	11.3	19.5

213877 2003 SH_{248} 5 10.6 250.°35 1.°6/11.4 17

4 1	15 39.68	−22 23.8	1.658	2.456	17.2	20.8
4 11	15 36.02	−22 31.4	1.564	2.447	13.9	20.5
4 21	15 29.40	−22 27.8	1.489	2.438	9.9	20.2
5 1	15 20.38	−22 12.4	1.437	2.429	5.4	20.0
5 11	15 10.00	−21 46.4	1.411	2.420	1.6	19.7
5 21	14 59.53	−21 12.9	1.412	2.410	5.1	19.9
5 31	14 50.30	−20 37.2	1.438	2.401	9.8	20.1
6 10	14 43.35	−20 5.4	1.487	2.391	14.1	20.4

15835 1995 DY 5 10.6 320.°65 1.°1/ 9.9 18

4 1	15 33.87	−17 41.4	1.519	2.343	17.2	18.0
4 11	15 31.53	−17 17.5	1.428	2.330	13.8	17.7
4 21	15 26.33	−16 43.0	1.357	2.318	9.5	17.4
5 1	15 18.84	−16 0.1	1.309	2.306	4.8	17.1
5 11	15 10.07	−15 12.9	1.285	2.294	1.2	16.8
5 21	15 1.25	−14 26.8	1.287	2.284	5.9	17.1
5 31	14 53.64	−13 47.9	1.313	2.273	10.8	17.4
6 10	14 48.24	−13 21.2	1.360	2.264	15.2	17.6

5044 Shestaka 5 10.6 206.°15 3.°8/12.5 18

4 1	15 42.54	−27 5.2	1.691	2.469	17.6	17.1
4 11	15 38.34	−27 29.3	1.599	2.466	14.5	16.9
4 21	15 31.03	−27 39.9	1.526	2.462	10.8	16.7
5 1	15 21.20	−27 34.4	1.476	2.458	6.8	16.4
5 11	15 9.97	−27 12.4	1.451	2.453	3.8	16.2
5 21	14 58.69	−26 36.3	1.453	2.448	5.6	16.3
5 31	14 48.76	−25 51.6	1.481	2.443	9.7	16.5
6 10	14 41.26	−25 5.7	1.532	2.437	13.7	16.7

292912 2006 VJ_{56} 5 10.6 128.°56 0.°9/ 9.9 17

4 1	15 34.82	−16 12.6	2.395	3.191	12.5	21.5
4 11	15 30.93	−15 55.2	2.308	3.195	9.9	21.3
4 21	15 25.15	−15 32.4	2.244	3.198	6.8	21.1
5 1	15 17.99	−15 5.7	2.205	3.201	3.4	20.9
5 11	15 10.14	−14 37.8	2.195	3.204	1.0	20.7
5 21	15 2.37	−14 11.4	2.213	3.207	4.1	20.9
5 31	14 55.43	−13 49.6	2.259	3.210	7.5	21.1
6 10	14 49.94	−13 34.9	2.329	3.212	10.5	21.3

389281 2009 HQ_{48} 5 10.6 338.°20 4.°4/ 8.2 17

4 1	15 37.61	− 4 44.0	2.146	2.950	13.5	21.0
4 11	15 33.31	− 4 34.6	2.061	2.948	10.9	20.8
4 21	15 26.90	− 4 28.2	1.997	2.945	7.9	20.6
5 1	15 18.91	− 4 27.7	1.960	2.943	5.2	20.4
5 11	15 10.10	− 4 36.0	1.949	2.941	4.5	20.4
5 21	15 1.33	− 4 55.0	1.966	2.939	6.6	20.5
5 31	14 53.47	− 5 25.6	2.009	2.937	9.6	20.7
6 10	14 47.20	− 6 7.5	2.077	2.936	12.6	20.9

98764 2000 YQ_{69} 5 10.6 231.°74 2.°5/ 9.1 18

4 1	15 40.33	−13 4.4	1.888	2.691	15.2	20.0
4 11	15 35.99	−12 37.8	1.789	2.679	12.1	19.7
4 21	15 29.08	−12 5.9	1.711	2.666	8.4	19.5
5 1	15 20.13	−11 31.2	1.658	2.652	4.5	19.2
5 11	15 10.04	−10 57.5	1.633	2.638	2.6	19.1
5 21	14 59.87	−10 28.9	1.635	2.623	6.0	19.2
5 31	14 50.71	−10 9.5	1.663	2.607	10.2	19.4
6 10	14 43.47	−10 2.2	1.715	2.591	14.0	19.6

145390 2005 NW_{31} 5 10.6 170.°81 2.°9/ 7.9 18

4 1	15 33.70	−10 39.2	2.602	3.402	11.5	20.3
4 11	15 29.82	− 9 50.9	2.516	3.405	9.1	20.2
4 21	15 24.27	− 8 59.4	2.453	3.406	6.3	20.0
5 1	15 17.51	− 8 7.9	2.418	3.408	3.8	19.8
5 11	15 10.17	− 7 20.1	2.411	3.409	3.1	19.8
5 21	15 2.92	− 6 39.3	2.433	3.410	5.3	19.9
5 31	14 56.41	− 6 8.6	2.483	3.411	8.0	20.1
6 10	14 51.18	− 5 49.7	2.556	3.411	10.6	20.3

62595 2000 SW_{306} 5 10.6 22.°26 2.°0/ 9.1 18 R

4 1	15 32.79	−18 54.6	1.528	2.351	17.2	18.0
4 11	15 30.35	−17 37.3	1.453	2.356	13.5	17.8
4 21	15 25.24	−16 5.1	1.399	2.361	9.2	17.5
5 1	15 18.15	−14 22.8	1.369	2.366	4.6	17.3
5 11	15 10.15	−12 38.2	1.365	2.373	2.2	17.1
5 21	15 2.38	−11 0.1	1.387	2.379	6.3	17.4
5 31	14 55.93	− 9 36.6	1.434	2.386	10.8	17.7
6 10	14 51.58	− 8 33.0	1.503	2.394	14.8	17.9

481853 2008 XK_{15} 5 10.6 116.°75 7.°5/15.8 18

4 1	15 43.11	−39 17.1	1.153	1.922	24.7	20.7
4 11	15 40.26	−38 52.4	1.078	1.929	21.2	20.4
4 21	15 32.96	−37 49.9	1.018	1.935	16.8	20.2
5 1	15 22.24	−36 3.8	0.976	1.941	12.0	19.9
5 11	15 9.97	−33 35.6	0.956	1.947	8.1	19.7
5 21	14 58.30	−30 36.4	0.960	1.953	8.2	19.7
5 31	14 49.11	−27 25.3	0.988	1.958	12.2	20.0
6 10	14 43.53	−24 23.2	1.039	1.964	16.9	20.2

351903 2006 SY_{291} 5 10.6 183.°89 7.°1/ 5.7 18

4 1	15 39.50	+ 7 12.6	2.694	3.466	11.9	21.2
4 11	15 34.21	+ 7 41.4	2.616	3.466	10.1	21.0
4 21	15 27.21	+ 8 1.6	2.560	3.466	8.4	20.9
5 1	15 18.96	+ 8 9.3	2.530	3.465	7.3	20.8
5 11	15 10.13	+ 8 1.2	2.528	3.465	7.3	20.8
5 21	15 1.39	+ 7 36.0	2.552	3.463	8.5	20.9
5 31	14 53.44	+ 6 53.7	2.603	3.462	10.3	21.0
6 10	14 46.83	+ 5 55.9	2.677	3.460	12.2	21.2

60049 1999 TW_{105} 5 10.6 275.°14 3.°1/12.2 18

4 1	15 40.82	−25 21.5	2.485	3.244	13.1	18.9
4 11	15 36.01	−26 10.8	2.377	3.233	10.8	18.7
4 21	15 28.94	−26 53.4	2.291	3.221	8.0	18.5
5 1	15 20.05	−27 27.2	2.231	3.210	5.1	18.3
5 11	15 10.07	−27 51.0	2.199	3.199	3.1	18.2
5 21	14 59.89	−28 4.8	2.197	3.188	4.5	18.2
5 31	14 50.48	−28 10.4	2.222	3.176	7.4	18.4
6 10	14 42.65	−28 11.1	2.274	3.165	10.4	18.5

61562 2000 QR_{75} 5 10.6 279.°96 5.°8/ 7.1 18

4 1	15 36.30	− 8 39.3	1.496	2.325	17.2	19.0
4 11	15 33.46	− 7 33.0	1.403	2.307	13.8	18.7
4 21	15 27.70	− 6 20.6	1.330	2.288	10.0	18.5
5 1	15 19.58	− 5 8.4	1.280	2.269	6.6	18.2
5 11	15 10.09	− 4 4.2	1.256	2.249	6.2	18.1
5 21	15 0.46	− 3 15.4	1.256	2.230	9.4	18.3
5 31	14 52.00	− 2 47.7	1.279	2.211	13.6	18.4
6 10	14 45.75	− 2 43.7	1.322	2.191	17.7	18.6

508685 2017 UZ_{16} 5 10.6 122.°19 1.°4/11.4 17

4 1	15 38.75	−22 17.0	2.031	2.817	14.8	21.5
4 11	15 34.50	−22 23.2	1.947	2.823	11.9	21.3
4 21	15 27.87	−22 20.1	1.884	2.830	8.4	21.1
5 1	15 19.44	−22 7.4	1.845	2.836	4.6	20.9
5 11	15 10.11	−21 46.7	1.834	2.842	1.4	20.7
5 21	15 0.88	−21 20.5	1.851	2.848	4.2	20.9
5 31	14 52.74	−20 52.9	1.894	2.854	8.0	21.1
6 10	14 46.45	−20 28.1	1.962	2.860	11.5	21.4

272608 2005 WO_{15} 5 10.6 180.°39 0.°0/10.5 17

4 1	15 38.73	−19 25.8	2.278	3.063	13.5	22.1
4 11	15 34.18	−19 10.5	2.186	3.064	10.7	21.9
4 21	15 27.49	−18 47.1	2.115	3.065	7.4	21.7
5 1	15 19.22	−18 16.8	2.071	3.065	3.7	21.5
5 11	15 10.13	−17 41.8	2.055	3.065	0.2	21.1
5 21	15 1.11	−17 5.2	2.067	3.064	4.1	21.5
5 31	14 53.02	−16 31.0	2.108	3.062	7.7	21.7
6 10	14 46.56	−16 2.8	2.174	3.060	11.0	21.9

71428 2000 AZ_{199} 5 10.6 161.°81 5.°1/ 6.2 18

4 1	15 35.77	− 4 7.9	2.472	3.272	12.1	20.1
4 11	15 31.46	− 3 4.3	2.394	3.278	9.7	19.9
4 21	15 25.40	− 2 1.2	2.341	3.283	7.2	19.8
5 1	15 18.09	− 1 3.1	2.314	3.288	5.4	19.6
5 11	15 10.18	− 0 14.5	2.315	3.292	5.3	19.6
5 21	15 2.40	+ 0 21.1	2.345	3.296	7.1	19.8
5 31	14 55.43	+ 0 41.3	2.400	3.299	9.6	19.9
6 10	14 49.82	+ 0 45.5	2.479	3.302	11.9	20.1

160984 2002 CQ_{104} 5 10.6 181.°32 2.°5/11.9 18

4 1	15 43.70	−24 56.6	1.986	2.756	15.7	20.5
4 11	15 38.64	−25 12.4	1.893	2.757	12.7	20.3
4 21	15 30.88	−25 17.1	1.820	2.758	9.2	20.1
5 1	15 21.03	−25 9.5	1.772	2.758	5.4	19.9
5 11	15 10.05	−24 49.8	1.752	2.757	2.6	19.7
5 21	14 59.09	−24 20.4	1.760	2.756	4.7	19.8
5 31	14 49.30	−23 45.7	1.795	2.753	8.5	20.1
6 10	14 41.58	−23 11.4	1.855	2.750	12.2	20.3

384867 2012 SE_{34} 5 10.6 196.°21 1.°2/ 9.6 18

4 1	15 35.72	−16 28.0	2.233	3.031	13.3	21.8
4 11	15 31.82	−15 57.3	2.142	3.030	10.5	21.6
4 21	15 25.88	−15 19.7	2.073	3.028	7.2	21.4
5 1	15 18.41	−14 37.2	2.031	3.026	3.6	21.2
5 11	15 10.17	−13 53.2	2.016	3.024	1.3	21.0
5 21	15 2.00	−13 11.3	2.029	3.022	4.6	21.2
5 31	14 54.72	−12 35.5	2.070	3.019	8.2	21.4
6 10	14 48.99	−12 8.9	2.135	3.016	11.4	21.6

179306 2001 VA_{100} 5 10.6 155.°77 3.°3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.73	− 7 12.6	3.202	3.994	9.8	21.8
4 11	15 29.44	− 6 19.1	3.122	4.003	7.7	21.6
4 21	15 23.81	− 5 24.7	3.066	4.012	5.5	21.5
5 1	15 17.24	− 4 32.3	3.038	4.020	3.7	21.4
5 11	15 10.24	− 3 45.3	3.040	4.027	3.5	21.4
5 21	15 3.33	− 3 6.4	3.071	4.034	5.1	21.5
5 31	14 57.05	− 2 37.6	3.131	4.040	7.2	21.6
6 10	14 51.81	− 2 20.1	3.215	4.046	9.3	21.8

404605 2014 DR_{71} 5 10.6 331.°94 6.°0/13.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.62	−30 25.7	1.940	2.702	16.2	20.4
4 11	15 35.99	−31 40.1	1.840	2.689	13.7	20.2
4 21	15 29.47	−32 44.6	1.759	2.678	10.8	19.9
5 1	15 20.52	−33 34.9	1.703	2.666	7.9	19.7
5 11	15 10.07	−34 7.7	1.671	2.656	6.1	19.6
5 21	14 59.32	−34 22.0	1.666	2.646	6.9	19.6
5 31	14 49.58	−34 20.0	1.686	2.636	9.6	19.8
6 10	14 41.99	−34 7.1	1.729	2.627	12.8	19.9

470221 2006 WD_{85} 5 10.6 198.°63 1.°1/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.74	−15 19.3	3.005	3.790	10.5	23.0
4 11	15 30.48	−14 56.2	2.905	3.786	8.3	22.9
4 21	15 24.67	−14 28.6	2.830	3.782	5.7	22.7
5 1	15 17.73	−13 58.1	2.783	3.777	2.9	22.5
5 11	15 10.22	−13 26.9	2.764	3.772	1.2	22.4
5 21	15 2.73	−12 57.5	2.776	3.766	3.7	22.5
5 31	14 55.87	−12 32.4	2.816	3.760	6.5	22.7
6 10	14 50.16	−12 13.7	2.882	3.754	9.1	22.9

394759 2008 FH_{134} 5 10.6 176.°82 3.°4/12.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.07	−28 10.9	2.655	3.404	12.6	21.2
4 11	15 34.39	−28 47.6	2.558	3.405	10.4	21.1
4 21	15 27.65	−29 15.2	2.482	3.405	7.8	20.9
5 1	15 19.33	−29 32.0	2.433	3.406	5.2	20.7
5 11	15 10.15	−29 37.4	2.411	3.406	3.5	20.6
5 21	15 0.93	−29 32.4	2.418	3.406	4.4	20.7
5 31	14 52.51	−29 19.2	2.452	3.406	6.9	20.8
6 10	14 45.60	−29 1.7	2.513	3.405	9.5	21.0

366376 2000 SN_{194} 5 10.6 210.°13 1.°6/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.85	−23 43.4	2.470	3.236	13.0	22.3
4 11	15 35.07	−23 47.3	2.364	3.229	10.5	22.1
4 21	15 28.16	−23 42.1	2.281	3.221	7.6	21.9
5 1	15 19.61	−23 27.5	2.224	3.212	4.3	21.7
5 11	15 10.15	−23 4.3	2.196	3.203	1.6	21.4
5 21	15 0.66	−22 34.6	2.196	3.193	3.8	21.6
5 31	14 52.01	−22 2.0	2.225	3.182	7.2	21.8
6 10	14 44.93	−21 30.5	2.280	3.171	10.4	22.0

334775 2003 SY_{113} 5 10.6 207.°29 3.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.63	−10 27.4	2.418	3.218	12.3	21.6
4 11	15 31.55	− 9 36.5	2.325	3.213	9.7	21.4
4 21	15 25.60	− 8 41.9	2.255	3.208	6.8	21.2
5 1	15 18.26	− 7 46.8	2.212	3.202	4.1	21.0
5 11	15 10.22	− 6 55.6	2.198	3.195	3.4	21.0
5 21	15 2.21	− 6 12.1	2.212	3.188	5.8	21.1
5 31	14 55.00	− 5 39.6	2.253	3.180	8.8	21.3
6 10	14 49.19	− 5 20.2	2.318	3.172	11.6	21.4

64557 2001 WU_{25} 5 10.6 243.°18 0.°2/10.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.63	−20 27.6	1.581	2.388	17.4	20.6
4 11	15 35.24	−19 57.6	1.488	2.379	14.0	20.3
4 21	15 28.89	−19 14.0	1.414	2.369	9.8	20.1
5 1	15 20.16	−18 18.3	1.364	2.359	4.9	19.8
5 11	15 10.12	−17 14.2	1.339	2.349	0.3	19.4
5 21	15 0.06	−16 7.8	1.340	2.338	5.6	19.7
5 31	14 51.29	−15 6.5	1.367	2.327	10.6	20.0
6 10	14 44.81	−14 16.6	1.417	2.315	15.0	20.2

498615 2008 RE_{102} 5 10.6 195.°59 1.°7/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.40	−15 16.6	2.245	3.043	13.2	22.6
4 11	15 32.33	−14 40.7	2.153	3.041	10.4	22.4
4 21	15 26.23	−13 58.2	2.084	3.039	7.2	22.2
5 1	15 18.60	−13 11.8	2.041	3.036	3.7	22.0
5 11	15 10.20	−12 24.9	2.026	3.033	1.8	21.9
5 21	15 1.86	−11 41.4	2.040	3.030	4.9	22.1
5 31	14 54.41	−11 5.2	2.081	3.026	8.4	22.3
6 10	14 48.52	−10 39.3	2.146	3.022	11.6	22.5

234114 1999 VH_{186} 5 10.6 118.°87 1.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.41	−14 51.1	2.377	3.163	12.9	21.0
4 11	15 35.19	−14 48.4	2.300	3.181	10.2	20.9
4 21	15 28.01	−14 41.9	2.247	3.198	6.9	20.7
5 1	15 19.42	−14 32.7	2.221	3.215	3.5	20.5
5 11	15 10.18	−14 22.9	2.223	3.232	1.1	20.3
5 21	15 1.11	−14 14.4	2.255	3.248	4.2	20.6
5 31	14 52.99	−14 9.7	2.315	3.263	7.5	20.8
6 10	14 46.45	−14 10.7	2.401	3.278	10.4	21.0

3969 Rossi 5 10.6 208.°61 1.°2/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.31	−17 10.0	1.682	2.487	16.6	18.1
4 11	15 36.27	−16 42.8	1.592	2.483	13.2	17.9
4 21	15 29.42	−16 6.1	1.522	2.478	9.2	17.6
5 1	15 20.36	−15 22.0	1.477	2.473	4.6	17.3
5 11	15 10.13	−14 34.5	1.458	2.467	1.4	17.1
5 21	14 59.92	−13 48.6	1.466	2.460	5.7	17.3
5 31	14 50.94	−13 9.7	1.500	2.453	10.3	17.6
6 10	14 44.14	−12 42.4	1.557	2.446	14.4	17.8

131447 2001 QZ_{113} 5 10.6 252.°50 3.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.54	−33 3.6	4.597	5.304	8.2	19.4
4 11	15 30.00	−33 40.3	4.489	5.301	6.9	19.3
4 21	15 24.22	−34 10.1	4.405	5.298	5.5	19.2
5 1	15 17.50	−34 31.8	4.347	5.296	4.1	19.1
5 11	15 10.26	−34 45.0	4.318	5.293	3.2	19.0
5 21	15 2.96	−34 50.0	4.319	5.290	3.4	19.0
5 31	14 56.07	−34 48.0	4.349	5.287	4.6	19.1
6 10	14 50.01	−34 40.8	4.406	5.284	6.1	19.2

184727 2005 SQ_{173} 5 10.6 169.°05 2.°8/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.20	−11 6.2	2.616	3.417	11.5	20.9
4 11	15 29.45	−10 16.7	2.530	3.419	9.0	20.7
4 21	15 24.04	− 9 23.6	2.468	3.421	6.3	20.5
5 1	15 17.44	− 8 30.1	2.432	3.423	3.7	20.3
5 11	15 10.27	− 7 40.0	2.425	3.424	3.0	20.3
5 21	15 3.18	− 6 56.8	2.447	3.425	5.2	20.4
5 31	14 56.82	− 6 23.3	2.496	3.426	7.9	20.6
6 10	14 51.73	− 6 1.6	2.570	3.426	10.5	20.8

390832 2004 PX_{64} 5 10.6 335.°46 2.°0/11.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.88	−23 17.3	1.635	2.448	16.7	20.4
4 11	15 29.21	−23 26.3	1.534	2.426	13.6	20.1
4 21	15 24.82	−23 23.2	1.452	2.404	9.8	19.9
5 1	15 18.19	−23 7.6	1.392	2.384	5.6	19.6
5 11	15 10.22	−22 40.6	1.357	2.365	2.1	19.3
5 21	15 2.08	−22 5.4	1.346	2.346	5.0	19.4
5 31	14 54.99	−21 27.2	1.361	2.329	9.6	19.6
6 10	14 50.00	−20 52.1	1.397	2.314	13.9	19.8

74727 1999 RJ_{170} 5 10.6 233.°94 1.°3/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.46	−22 28.1	1.906	2.692	15.7	20.8
4 11	15 36.27	−22 27.0	1.803	2.680	12.7	20.6
4 21	15 29.41	−22 15.2	1.721	2.668	9.0	20.3
5 1	15 20.38	−21 52.2	1.664	2.655	4.9	20.0
5 11	15 10.14	−21 19.5	1.633	2.642	1.3	19.8
5 21	14 59.78	−20 40.2	1.630	2.628	4.7	20.0
5 31	14 50.50	−19 59.3	1.654	2.614	9.0	20.2
6 10	14 43.23	−19 22.2	1.702	2.599	13.0	20.4

59697 1999 JS_{117} 5 10.6 44.°64 4.°0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.96	−11 12.4	1.455	2.285	17.5	18.5
4 11	15 32.79	−10 26.6	1.395	2.301	13.8	18.3
4 21	15 26.88	− 9 36.6	1.356	2.316	9.6	18.1
5 1	15 18.98	− 8 47.5	1.339	2.332	5.5	17.9
5 11	15 10.21	− 8 5.1	1.348	2.349	4.2	17.9
5 21	15 1.75	− 7 34.6	1.381	2.366	7.4	18.1
5 31	14 54.72	− 7 19.5	1.439	2.384	11.4	18.4
6 10	14 49.87	− 7 21.3	1.518	2.401	15.0	18.6

53738 2000 EZ_{48} 5 10.6 137.°65 2.°2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.22	−24 2.9	1.544	2.339	18.4	19.7
4 11	15 38.09	−24 10.0	1.465	2.345	14.9	19.5
4 21	15 30.81	−24 3.8	1.405	2.352	10.7	19.3
5 1	15 21.09	−23 43.1	1.368	2.358	6.0	19.0
5 11	15 10.11	−23 9.5	1.356	2.364	2.3	18.8
5 21	14 59.29	−22 26.9	1.371	2.369	5.3	19.0
5 31	14 49.99	−21 41.7	1.411	2.374	9.9	19.3
6 10	14 43.20	−21 0.6	1.474	2.379	14.1	19.5

474942 2005 SG_{285} 5 10.6 250.°78 4.°4/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.88	− 4 29.7	2.741	3.540	11.1	22.3
4 11	15 30.00	− 3 42.8	2.640	3.523	8.9	22.1
4 21	15 24.47	− 2 56.0	2.563	3.507	6.6	22.0
5 1	15 17.70	− 2 13.0	2.513	3.490	4.8	21.8
5 11	15 10.27	− 1 37.3	2.491	3.472	4.7	21.8
5 21	15 2.81	− 1 12.1	2.497	3.454	6.4	21.9
5 31	14 55.97	− 0 59.7	2.530	3.436	8.8	22.0
6 10	14 50.31	− 1 1.0	2.587	3.418	11.3	22.1

176528 2001 YY_{137} 5 10.6 49.°38 3.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.73	− 7 51.8	2.204	3.004	13.4	19.6
4 11	15 34.12	− 7 55.0	2.122	3.009	10.6	19.4
4 21	15 27.43	− 7 59.5	2.063	3.014	7.5	19.2
5 1	15 19.20	− 8 7.4	2.030	3.020	4.4	19.0
5 11	15 10.21	− 8 20.7	2.024	3.025	3.2	19.0
5 21	15 1.30	− 8 40.8	2.047	3.031	5.5	19.1
5 31	14 53.31	− 9 8.8	2.098	3.036	8.7	19.3
6 10	14 46.92	− 9 44.9	2.173	3.042	11.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
430969	2005 WT_{51}		5 10.6	117.°44	0.°4/10.3	17
	h m	° ′			°	m
4 1	15 39.40	−17 53.8	2.041	2.834	14.5	22.2
4 11	15 34.83	−17 42.9	1.963	2.847	11.5	22.0
4 21	15 27.99	−17 24.8	1.908	2.860	7.9	21.8
5 1	15 19.48	−17 1.0	1.878	2.873	3.9	21.6
5 11	15 10.20	−16 33.9	1.875	2.885	0.5	21.4
5 21	15 1.09	−16 6.8	1.901	2.897	4.4	21.7
5 31	14 53.08	−15 43.2	1.954	2.909	8.2	21.9
6 10	14 46.88	−15 26.4	2.032	2.920	11.6	22.2
342845	2008 YF_4		5 10.6	180.°31	6.°5/ 5.4	18
4 1	15 36.26	+ 1 55.1	2.492	3.285	12.2	20.9
4 11	15 31.87	+ 2 48.8	2.415	3.286	10.1	20.7
4 21	15 25.73	+ 3 37.7	2.361	3.287	8.0	20.6
5 1	15 18.30	+ 4 17.2	2.333	3.287	6.7	20.5
5 11	15 10.26	+ 4 43.2	2.331	3.287	6.8	20.5
5 21	15 2.30	+ 4 52.8	2.357	3.286	8.3	20.6
5 31	14 55.14	+ 4 45.0	2.408	3.285	10.4	20.8
6 10	14 49.34	+ 4 20.2	2.482	3.284	12.5	20.9
466088	2012 BW_{100}		5 10.6	341.°17	6.°3/ 7.7	17
4 1	15 30.98	− 7 45.9	1.141	1.998	19.6	20.5
4 11	15 29.97	− 7 0.5	1.065	1.985	15.8	20.2
4 21	15 25.68	− 6 12.6	1.007	1.972	11.4	19.9
5 1	15 18.71	− 5 29.1	0.969	1.960	7.5	19.6
5 11	15 10.23	− 4 58.2	0.953	1.950	6.6	19.5
5 21	15 1.70	− 4 46.4	0.958	1.942	10.1	19.7
5 31	14 54.62	− 4 57.7	0.985	1.935	14.8	19.9
6 10	14 50.14	− 5 32.7	1.029	1.929	19.2	20.2
465378	2008 EU_{37}		5 10.6	31.°22	0.°5/10.8	17
4 1	15 36.92	−20 28.5	1.430	2.248	18.4	21.7
4 11	15 34.01	−20 21.7	1.356	2.252	14.7	21.4
4 21	15 28.03	−20 3.1	1.301	2.258	10.3	21.2
5 1	15 19.71	−19 33.6	1.268	2.263	5.3	20.9
5 11	15 10.20	−18 56.4	1.260	2.269	0.5	20.6
5 21	15 0.85	−18 16.2	1.276	2.276	5.4	21.0
5 31	14 52.98	−17 39.2	1.318	2.283	10.3	21.3
6 10	14 47.53	−17 10.8	1.381	2.290	14.6	21.5
88061	2000 VG_{45}		5 10.6	282.°97	1.°3/ 9.7	18
4 1	15 35.29	−14 54.0	2.298	3.097	12.9	19.7
4 11	15 31.61	−14 42.0	2.192	3.080	10.2	19.5
4 21	15 25.86	−14 25.4	2.108	3.062	7.1	19.3
5 1	15 18.51	−14 5.6	2.049	3.045	3.6	19.0
5 11	15 10.25	−13 45.0	2.019	3.027	1.4	18.8
5 21	15 1.90	−13 26.4	2.016	3.009	4.6	19.0
5 31	14 54.30	−13 12.8	2.041	2.991	8.2	19.2
6 10	14 48.18	−13 6.8	2.090	2.973	11.5	19.4
418162	2008 AY_{111}		5 10.6	169.°96	0.°2/10.7	17
4 1	15 40.83	−19 54.0	2.043	2.829	14.7	22.5
4 11	15 36.10	−19 41.2	1.955	2.834	11.7	22.3
4 21	15 28.97	−19 19.5	1.888	2.837	8.2	22.1
5 1	15 20.04	−18 49.6	1.846	2.840	4.1	21.9
5 11	15 10.19	−18 14.1	1.832	2.842	0.2	21.5
5 21	15 0.44	−17 36.3	1.847	2.844	4.4	21.9
5 31	14 51.77	−17 0.7	1.889	2.845	8.4	22.1
6 10	14 44.97	−16 31.3	1.956	2.845	11.9	22.4
34298	2000 QH_{159}		5 10.6	203.°07	0.°6/ 9.7	18
4 1	15 26.66	−15 55.4	5.002	5.783	6.6	20.1
4 11	15 23.59	−15 32.7	4.901	5.781	5.2	20.0
4 21	15 19.69	−15 7.1	4.827	5.778	3.5	19.9
5 1	15 15.19	−14 39.7	4.780	5.775	1.7	19.7
5 11	15 10.41	−14 11.8	4.764	5.772	0.6	19.6
5 21	15 5.65	−13 44.9	4.777	5.769	2.2	19.8
5 31	15 1.22	−13 20.4	4.820	5.766	4.0	19.9
6 10	14 57.41	−12 59.5	4.891	5.762	5.6	20.0
340500	2006 HB_{117}		5 10.6	215.°91	1.°3/ 9.5	18
4 1	15 35.10	−17 30.2	2.268	3.064	13.2	20.9
4 11	15 31.33	−16 42.1	2.172	3.059	10.4	20.7
4 21	15 25.56	−15 45.0	2.100	3.054	7.1	20.5
5 1	15 18.29	−14 41.6	2.054	3.049	3.6	20.2
5 11	15 10.27	−13 35.9	2.036	3.044	1.4	20.1
5 21	15 2.31	−12 32.3	2.046	3.038	4.7	20.3
5 31	14 55.22	−11 35.8	2.085	3.032	8.2	20.5
6 10	14 49.66	−10 50.2	2.148	3.026	11.5	20.7
346129	2007 VW_{173}		5 10.6	189.°35	3.°7/ 7.4	17
4 1	15 35.49	− 6 31.7	2.746	3.541	11.1	21.4
4 11	15 31.15	− 5 52.6	2.657	3.540	8.9	21.3
4 21	15 25.19	− 5 13.2	2.592	3.538	6.4	21.1
5 1	15 18.04	− 4 36.6	2.554	3.536	4.3	21.0
5 11	15 10.30	− 4 6.1	2.545	3.534	3.9	20.9
5 21	15 2.61	− 3 44.5	2.564	3.531	5.7	21.0
5 31	14 55.61	− 3 33.7	2.611	3.527	8.2	21.2
6 10	14 49.84	− 3 34.7	2.682	3.523	10.6	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
461369	2000 SK_9		5 10.6	129.°59	5.°6/ 5.9	18
	h m	° ′			°	m
4 1	15 40.44	− 7 41.5	2.010	2.812	14.4	21.9
4 11	15 35.39	− 5 54.5	1.945	2.832	11.4	21.7
4 21	15 28.20	− 4 4.3	1.903	2.850	8.3	21.5
5 1	15 19.52	− 2 17.6	1.889	2.868	5.9	21.4
5 11	15 10.24	− 0 42.0	1.904	2.885	5.9	21.5
5 21	15 1.26	+ 0 36.4	1.948	2.901	8.2	21.6
5 31	14 53.42	+ 1 33.7	2.017	2.916	11.1	21.8
6 10	14 47.35	+ 2 8.8	2.109	2.930	13.8	22.0
132465	2002 JO		5 10.6	323.°07	5.°0/ 7.6	18
4 1	15 34.99	− 7 19.2	1.779	2.600	15.2	19.5
4 11	15 31.76	− 6 34.3	1.696	2.595	12.1	19.2
4 21	15 26.13	− 5 48.1	1.635	2.590	8.8	19.0
5 1	15 18.67	− 5 5.4	1.598	2.585	5.8	18.8
5 11	15 10.27	− 4 31.5	1.587	2.580	5.2	18.8
5 21	15 1.92	− 4 10.7	1.602	2.576	7.8	18.9
5 31	14 54.61	− 4 6.0	1.641	2.572	11.2	19.1
6 10	14 49.14	− 4 18.5	1.702	2.568	14.6	19.3
475762	2006 WW_{163}		5 10.6	186.°14	1.°6/ 9.3	17
4 1	15 35.43	−13 31.0	2.686	3.478	11.4	22.3
4 11	15 31.21	−13 13.1	2.593	3.477	9.0	22.1
4 21	15 25.29	−12 51.8	2.524	3.477	6.2	21.9
5 1	15 18.12	−12 28.7	2.482	3.476	3.2	21.7
5 11	15 10.30	−12 6.4	2.468	3.475	1.7	21.6
5 21	15 2.53	−11 47.2	2.484	3.473	4.2	21.8
5 31	14 55.48	−11 33.4	2.528	3.471	7.2	21.9
6 10	14 49.71	−11 27.0	2.597	3.469	9.9	22.1
38257	1999 RC_{13}		5 10.6	313.°79	3.°5/ 5.9	18
4 1	15 26.83	− 2 28.7	4.049	4.847	7.8	19.1
4 11	15 23.92	− 1 46.9	3.958	4.839	6.3	19.0
4 21	15 20.01	− 1 6.4	3.893	4.831	4.8	18.9
5 1	15 15.39	− 0 29.6	3.854	4.823	3.7	18.8
5 11	15 10.42	+ 0 1.1	3.844	4.816	3.7	18.8
5 21	15 5.47	+ 0 24.0	3.863	4.808	4.8	18.9
5 31	15 0.91	+ 0 37.6	3.908	4.801	6.4	19.0
6 10	14 57.08	+ 0 41.5	3.978	4.793	7.9	19.1
320694	2008 DF_3		5 10.6	238.°40	0.°8/10.9	17
4 1	15 38.57	−20 54.8	1.620	2.424	17.2	21.7
4 11	15 35.07	−20 50.9	1.534	2.423	13.8	21.4
4 21	15 28.69	−20 35.9	1.469	2.422	9.7	21.2
5 1	15 20.05	−20 10.3	1.427	2.421	5.0	20.9
5 11	15 10.22	−19 36.5	1.410	2.420	0.8	20.6
5 21	15 0.44	−18 58.5	1.420	2.419	5.1	20.9
5 31	14 51.95	−18 21.8	1.455	2.418	9.7	21.2
6 10	14 45.72	−17 51.8	1.513	2.416	13.9	21.4
151128	2001 XK_5		5 10.6	130.°50	4.°1/ 8.8	18
4 1	15 41.44	− 6 44.1	1.793	2.600	15.7	19.3
4 11	15 36.80	− 6 40.5	1.711	2.601	12.5	19.1
4 21	15 29.59	− 6 39.1	1.651	2.602	8.9	18.9
5 1	15 20.41	− 6 43.0	1.615	2.603	5.4	18.7
5 11	15 10.21	− 6 54.9	1.606	2.604	4.2	18.6
5 21	15 0.07	− 7 16.8	1.624	2.605	6.9	18.7
5 31	14 51.08	− 7 49.9	1.668	2.606	10.6	19.0
6 10	14 44.09	− 8 34.0	1.736	2.607	14.1	19.2
167739	2004 XL_{25}		5 10.6	163.°28	1.°1/ 9.9	16
4 1	15 41.94	−16 0.0	1.826	2.624	15.8	21.6
4 11	15 37.22	−15 48.9	1.742	2.629	12.5	21.3
4 21	15 29.88	−15 31.5	1.680	2.634	8.6	21.1
5 1	15 20.55	−15 9.3	1.642	2.638	4.3	20.9
5 11	15 10.21	−14 45.1	1.632	2.641	1.2	20.6
5 21	14 59.97	−14 22.3	1.650	2.644	5.2	20.9
5 31	14 50.94	−14 4.9	1.694	2.646	9.4	21.2
6 10	14 43.95	−13 56.0	1.762	2.648	13.2	21.4
510556	2012 MS		5 10.6	284.°05	7.°2/ 6.2	17
4 1	15 38.61	− 1 28.7	1.867	2.676	15.1	21.5
4 11	15 34.80	− 0 37.2	1.760	2.646	12.5	21.3
4 21	15 28.44	+ 0 12.5	1.674	2.615	9.7	21.0
5 1	15 19.98	+ 0 54.6	1.613	2.584	7.5	20.8
5 11	15 10.23	+ 1 22.7	1.577	2.552	7.5	20.8
5 21	15 0.21	+ 1 32.0	1.566	2.520	9.8	20.8
5 31	14 51.04	+ 1 19.4	1.581	2.487	13.1	20.9
6 10	14 43.66	+ 0 44.7	1.616	2.454	16.5	21.1
54414	2000 LA_{13}		5 10.6	226.°66	5.°0/ 6.7	18
4 1	15 34.94	− 3 41.8	2.452	3.254	12.1	18.5
4 11	15 30.98	− 2 56.3	2.363	3.248	9.8	18.4
4 21	15 25.22	− 2 12.0	2.298	3.241	7.3	18.2
5 1	15 18.11	− 1 32.8	2.258	3.234	5.4	18.1
5 11	15 10.32	− 1 2.8	2.246	3.226	5.2	18.0
5 21	15 2.56	− 0 45.0	2.262	3.219	7.0	18.1
5 31	14 55.54	− 0 41.6	2.304	3.211	9.6	18.3
6 10	14 49.88	− 0 52.9	2.369	3.203	12.1	18.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
11022 Serio			5 10.6	351.°88	8.°7/13.4	18
	h m	° ′			°	m
4 1	15 42.02	−31 55.2	1.460	2.236	20.1	16.4
4 11	15 39.02	−33 44.2	1.376	2.230	17.2	16.1
4 21	15 32.27	−35 21.8	1.310	2.226	13.9	15.9
5 1	15 22.24	−36 40.3	1.265	2.222	10.7	15.7
5 11	15 10.13	−37 33.3	1.243	2.220	8.8	15.6
5 21	14 57.65	−37 57.9	1.244	2.218	9.5	15.6
5 31	14 46.68	−37 57.1	1.269	2.217	12.3	15.8
6 10	14 38.71	−37 38.9	1.315	2.217	15.7	16.0
213498 2002 GB_{49}			5 10.6	94.°18	2.°5/11.8	18
4 1	15 44.19	−23 44.7	1.582	2.371	18.2	20.8
4 11	15 39.42	−24 6.8	1.513	2.390	14.7	20.6
4 21	15 31.58	−24 16.9	1.464	2.409	10.5	20.4
5 1	15 21.42	−24 13.7	1.438	2.427	6.0	20.2
5 11	15 10.18	−23 57.9	1.438	2.445	2.5	20.0
5 21	14 59.24	−23 32.8	1.465	2.463	5.2	20.2
5 31	14 49.87	−23 3.5	1.518	2.480	9.4	20.5
6 10	14 43.00	−22 36.0	1.593	2.497	13.3	20.8
517634 2014 YG_{56}			5 10.6	277.°57	6.°3/13.4	17
4 1	15 42.93	−31 32.2	1.929	2.681	16.6	21.2
4 11	15 38.74	−32 41.1	1.825	2.668	14.1	20.9
4 21	15 31.50	−33 39.0	1.741	2.655	11.2	20.7
5 1	15 21.65	−34 21.1	1.681	2.641	8.3	20.5
5 11	15 10.16	−34 43.9	1.645	2.628	6.4	20.4
5 21	14 58.33	−34 46.4	1.636	2.615	7.2	20.4
5 31	14 47.58	−34 31.5	1.652	2.601	9.9	20.5
6 10	14 39.08	−34 5.4	1.693	2.588	13.1	20.7
312518 2009 DU_{31}			5 10.6	91.°70	1.°3/11.3	17
4 1	15 40.98	−22 27.9	1.533	2.334	18.2	21.4
4 11	15 36.93	−22 22.1	1.463	2.349	14.5	21.2
4 21	15 29.88	−22 3.4	1.412	2.363	10.2	21.0
5 1	15 20.58	−21 32.2	1.384	2.377	5.4	20.7
5 11	15 10.23	−20 51.1	1.382	2.391	1.3	20.5
5 21	15 0.17	−20 5.0	1.406	2.405	5.1	20.8
5 31	14 51.65	−19 20.0	1.456	2.419	9.7	21.1
6 10	14 45.54	−18 42.1	1.528	2.432	13.8	21.3
62592 2000 SA_{304}			5 10.6	232.°12	0.°0/10.6	18
4 1	15 37.00	−21 41.8	2.174	2.960	14.0	20.0
4 11	15 33.07	−21 0.5	2.070	2.949	11.2	19.8
4 21	15 26.91	−20 7.0	1.989	2.938	7.8	19.6
5 1	15 19.05	−19 2.7	1.933	2.927	4.0	19.3
5 11	15 10.30	−17 51.0	1.905	2.915	0.2	19.0
5 21	15 1.57	−16 36.8	1.906	2.902	4.3	19.3
5 31	14 53.76	−15 25.9	1.935	2.889	8.3	19.5
6 10	14 47.64	−14 23.6	1.988	2.876	11.8	19.7
394984 2009 BC_{18}			5 10.6	283.°39	1.°2/11.4	17
4 1	15 36.15	−22 13.1	2.078	2.867	14.4	21.5
4 11	15 32.53	−22 11.3	1.984	2.863	11.6	21.3
4 21	15 26.61	−21 59.8	1.912	2.859	8.2	21.1
5 1	15 18.93	−21 38.7	1.864	2.856	4.4	20.8
5 11	15 10.31	−21 9.8	1.843	2.852	1.2	20.6
5 21	15 1.70	−20 36.1	1.849	2.848	4.2	20.8
5 31	14 54.07	−20 1.7	1.883	2.844	8.0	21.0
6 10	14 48.18	−19 31.0	1.941	2.840	11.5	21.2
156397 2001 YK_{147}			5 10.6	174.°12	0.°7/10.2	18
4 1	15 41.74	−15 24.6	2.217	3.004	13.7	20.3
4 11	15 36.63	−15 32.7	2.126	3.006	10.9	20.1
4 21	15 29.28	−15 36.9	2.058	3.008	7.5	19.9
5 1	15 20.22	−15 38.0	2.015	3.010	3.7	19.7
5 11	15 10.26	−15 37.4	2.001	3.011	0.8	19.4
5 21	15 0.34	−15 37.0	2.017	3.011	4.4	19.7
5 31	14 51.36	−15 39.0	2.060	3.011	8.1	19.9
6 10	14 44.09	−15 45.8	2.129	3.011	11.4	20.1
261 Prymno			5 10.6	55.°06	2.°2/ 9.6	18
4 1	15 38.92	−14 20.4	1.374	2.200	18.6	12.7
4 11	15 35.53	−14 2.1	1.306	2.209	14.7	12.5
4 21	15 29.06	−13 37.4	1.257	2.217	10.1	12.3
5 1	15 20.24	−13 9.2	1.230	2.226	5.2	12.0
5 11	15 10.27	−12 42.0	1.228	2.235	2.3	11.9
5 21	15 0.53	−12 20.4	1.251	2.245	6.5	12.2
5 31	14 52.32	−12 8.6	1.298	2.254	11.3	12.4
6 10	14 46.57	−12 9.6	1.366	2.264	15.5	12.7
192515 1998 RS_{15}			5 10.6	297.°05	0.°3/10.7	17
4 1	15 35.56	−21 8.6	1.298	2.124	19.5	20.2
4 11	15 33.72	−20 49.0	1.200	2.102	15.8	19.9
4 21	15 28.45	−20 13.3	1.121	2.080	11.2	19.5
5 1	15 20.26	−19 21.9	1.062	2.059	5.8	19.2
5 11	15 10.26	−18 18.3	1.027	2.037	0.3	18.7
5 21	14 59.98	−17 9.1	1.016	2.016	6.3	19.0
5 31	14 51.05	−16 3.1	1.028	1.995	12.2	19.3
6 10	14 44.82	−15 9.3	1.060	1.975	17.5	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
255659 2006 QW_{28}			5 10.6	304.°95	0.°6/10.8	17
	h m	° ′			°	m
4 1	15 36.27	−19 43.9	1.408	2.229	18.5	21.3
4 11	15 34.02	−19 47.6	1.308	2.207	15.0	21.0
4 21	15 28.53	−19 40.8	1.227	2.186	10.6	20.7
5 1	15 20.26	−19 23.5	1.168	2.164	5.5	20.4
5 11	15 10.27	−18 57.6	1.133	2.143	0.6	19.9
5 21	14 59.96	−18 27.0	1.122	2.122	5.9	20.2
5 31	14 50.87	−17 57.5	1.135	2.102	11.4	20.5
6 10	14 44.29	−17 35.3	1.169	2.082	16.4	20.7
161555 2004 XX_{121}			5 10.6	3.°09	5.°6/13.8	17
4 1	15 38.05	−31 34.5	1.407	2.194	20.2	20.1
4 11	15 35.47	−31 54.2	1.326	2.193	16.9	19.8
4 21	15 29.42	−31 53.2	1.262	2.193	13.0	19.6
5 1	15 20.59	−31 27.9	1.218	2.194	8.9	19.3
5 11	15 10.27	−30 38.1	1.198	2.194	5.8	19.2
5 21	15 0.05	−29 28.0	1.201	2.195	6.8	19.2
5 31	14 51.49	−28 6.3	1.229	2.196	10.7	19.4
6 10	14 45.72	−26 43.6	1.279	2.197	14.8	19.7
37052 2000 UO_{39}			5 10.6	295.°98	1.°0/ 9.9	18
4 1	15 34.34	−16 17.9	2.180	2.982	13.4	19.3
4 11	15 30.98	−16 1.2	2.078	2.968	10.7	19.1
4 21	15 25.51	−15 38.2	1.998	2.953	7.4	18.9
5 1	15 18.39	−15 10.6	1.943	2.939	3.7	18.6
5 11	15 10.37	−14 41.1	1.916	2.925	1.1	18.4
5 21	15 2.28	−14 12.8	1.916	2.911	4.6	18.6
5 31	14 55.02	−13 49.3	1.944	2.897	8.3	18.8
6 10	14 49.31	−13 33.8	1.995	2.883	11.8	19.0
329372 2001 VR_{70}			5 10.6	223.°39	1.°0/10.0	18
4 1	15 39.39	−15 47.1	2.067	2.862	14.3	21.0
4 11	15 35.05	−15 39.1	1.969	2.855	11.3	20.7
4 21	15 28.36	−15 25.5	1.894	2.847	7.9	20.5
5 1	15 19.84	−15 7.9	1.844	2.839	3.9	20.3
5 11	15 10.32	−14 48.4	1.821	2.830	1.1	20.0
5 21	15 0.75	−14 30.0	1.827	2.821	4.8	20.3
5 31	14 52.13	−14 16.0	1.860	2.812	8.8	20.5
6 10	14 45.27	−14 9.4	1.917	2.802	12.3	20.7
64642 2001 XK_{52}			5 10.6	97.°75	0.°6/10.2	18
4 1	15 36.12	−17 11.1	2.396	3.187	12.7	19.9
4 11	15 31.92	−16 57.2	2.317	3.200	10.0	19.7
4 21	15 25.86	−16 37.5	2.261	3.214	6.8	19.5
5 1	15 18.44	−16 13.4	2.232	3.227	3.4	19.3
5 11	15 10.39	−15 47.4	2.230	3.240	0.7	19.1
5 21	15 2.49	−15 22.1	2.257	3.252	3.9	19.4
5 31	14 55.46	−15 0.5	2.312	3.265	7.2	19.6
6 10	14 49.91	−14 45.1	2.392	3.277	10.2	19.8
23814 Bethanylynne			5 10.6	201.°74	0.°1/10.7	18
4 1	15 37.18	−19 27.8	2.186	2.976	13.8	18.8
4 11	15 33.15	−19 18.7	2.092	2.974	11.0	18.6
4 21	15 26.95	−19 1.7	2.021	2.972	7.6	18.3
5 1	15 19.09	−18 37.7	1.975	2.969	3.9	18.1
5 11	15 10.36	−18 8.9	1.957	2.967	0.2	17.8
5 21	15 1.67	−17 38.1	1.967	2.964	4.1	18.1
5 31	14 53.91	−17 9.3	2.004	2.961	7.9	18.3
6 10	14 47.80	−16 45.9	2.066	2.958	11.3	18.5
25529 1999 XL_{127}			5 10.6	199.°43	1.°8/11.9	18
4 1	15 39.23	−24 39.8	2.701	3.461	12.2	19.4
4 11	15 34.42	−24 46.4	2.598	3.457	9.9	19.2
4 21	15 27.66	−24 44.3	2.516	3.452	7.1	19.0
5 1	15 19.41	−24 33.1	2.461	3.446	4.2	18.8
5 11	15 10.37	−24 13.3	2.435	3.440	1.9	18.6
5 21	15 1.31	−23 46.9	2.438	3.434	3.6	18.8
5 31	14 53.03	−23 16.9	2.470	3.426	6.6	18.9
6 10	14 46.18	−22 47.1	2.528	3.419	9.5	19.1
423569 2005 UX_{510}			5 10.6	352.°00	0.°4/10.9	17
4 1	15 34.16	−22 43.5	1.573	2.384	17.3	20.6
4 11	15 31.65	−22 6.6	1.489	2.382	13.9	20.3
4 21	15 26.35	−21 13.8	1.425	2.380	9.7	20.1
5 1	15 18.91	−20 6.8	1.383	2.378	5.0	19.8
5 11	15 10.38	−18 50.2	1.367	2.377	0.4	19.5
5 21	15 1.98	−17 30.6	1.377	2.376	5.1	19.8
5 31	14 54.86	−16 15.8	1.412	2.376	9.9	20.1
6 10	14 49.92	−15 12.8	1.470	2.376	14.1	20.3
376638 2013 PH_{70}			5 10.6	233.°18	4.°1/ 7.8	17
4 1	15 37.01	−10 2.2	1.885	2.698	14.8	21.3
4 11	15 33.29	− 9 7.5	1.795	2.690	11.8	21.0
4 21	15 27.19	− 8 8.2	1.726	2.681	8.4	20.8
5 1	15 19.26	− 7 8.7	1.683	2.673	5.1	20.6
5 11	15 10.37	− 6 14.6	1.666	2.663	4.4	20.5
5 21	15 1.49	− 5 30.8	1.677	2.654	7.2	20.7
5 31	14 53.62	− 5 1.9	1.713	2.644	10.8	20.9
6 10	14 47.55	− 4 49.8	1.771	2.634	14.2	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
419646	2010 TT_{35}		5 10.6	247.°23	0.°7/10.2	17
	h m	° ′			°	m
4 1	15 39.67	−17 11.9	1.736	2.540	16.2	21.5
4 11	15 35.83	−17 3.0	1.640	2.530	13.0	21.3
4 21	15 29.23	−16 46.3	1.564	2.519	9.0	21.0
5 1	15 20.41	−16 23.2	1.512	2.508	4.5	20.7
5 11	15 10.32	−15 56.2	1.486	2.496	0.8	20.4
5 21	15 0.15	−15 29.0	1.488	2.484	5.3	20.7
5 31	14 51.08	−15 6.2	1.515	2.472	9.9	20.9
6 10	14 44.11	−14 51.8	1.566	2.460	14.1	21.1
413234	2003 SF_{136}		5 10.6	180.°53	0.°7/11.1	15
4 1	15 41.28	−21 42.5	2.098	2.877	14.6	22.9
4 11	15 36.47	−21 27.5	2.005	2.879	11.7	22.7
4 21	15 29.28	−21 2.2	1.934	2.880	8.2	22.5
5 1	15 20.27	−20 27.1	1.888	2.881	4.3	22.3
5 11	15 10.34	−19 44.5	1.870	2.880	0.7	22.0
5 21	15 0.48	−18 58.0	1.881	2.879	4.2	22.2
5 31	14 51.69	−18 12.4	1.920	2.876	8.2	22.5
6 10	14 44.74	−17 32.4	1.984	2.873	11.8	22.7
395579	2011 UU_{259}		5 10.6	328.°74	1.°2/11.3	16
4 1	15 36.87	−20 56.8	2.227	3.013	13.7	20.9
4 11	15 32.97	−21 15.5	2.132	3.009	11.0	20.7
4 21	15 26.87	−21 27.5	2.059	3.006	7.8	20.5
5 1	15 19.09	−21 32.3	2.011	3.002	4.2	20.3
5 11	15 10.38	−21 30.6	1.990	2.999	1.2	20.1
5 21	15 1.65	−21 24.2	1.998	2.996	4.0	20.2
5 31	14 53.79	−21 15.7	2.033	2.993	7.6	20.5
6 10	14 47.57	−21 8.5	2.093	2.990	10.9	20.7
501239	2013 VK_{10}		5 10.6	179.°28	0.°1/10.5	18
4 1	15 41.67	−17 11.8	2.476	3.253	12.7	22.1
4 11	15 36.37	−17 19.8	2.380	3.255	10.1	21.9
4 21	15 29.01	−17 23.2	2.308	3.256	7.0	21.7
5 1	15 20.10	−17 22.3	2.263	3.257	3.5	21.5
5 11	15 10.37	−17 18.3	2.246	3.256	0.2	21.2
5 21	15 0.65	−17 12.9	2.260	3.256	3.8	21.5
5 31	14 51.78	−17 8.5	2.302	3.254	7.3	21.7
6 10	14 44.45	−17 7.6	2.371	3.252	10.4	21.9
310201	2011 SR_{128}		5 10.6	286.°88	1.°6/ 9.4	18
4 1	15 33.61	−15 34.6	2.230	3.033	13.1	21.0
4 11	15 30.28	−15 0.0	2.133	3.024	10.4	20.8
4 21	15 24.95	−14 18.6	2.060	3.016	7.1	20.6
5 1	15 18.09	−13 32.8	2.011	3.007	3.6	20.4
5 11	15 10.45	−12 46.2	1.991	2.998	1.7	20.2
5 21	15 2.81	−12 2.7	1.998	2.989	4.8	20.4
5 31	14 56.00	−11 26.2	2.032	2.981	8.4	20.6
6 10	14 50.69	−10 59.9	2.091	2.972	11.6	20.8
128675	2004 RU_{62}		5 10.6	224.°83	0.°6/11.0	17
4 1	15 37.86	−21 6.1	2.076	2.865	14.5	20.9
4 11	15 33.90	−20 55.8	1.979	2.858	11.6	20.7
4 21	15 27.60	−20 35.9	1.903	2.852	8.1	20.4
5 1	15 19.48	−20 6.8	1.852	2.845	4.2	20.2
5 11	15 10.39	−19 30.9	1.828	2.838	0.6	19.9
5 21	15 1.30	−18 51.3	1.833	2.831	4.3	20.2
5 31	14 53.18	−18 12.5	1.864	2.823	8.2	20.4
6 10	14 46.83	−17 39.0	1.920	2.815	11.8	20.6
468299	2015 ET_{18}		5 10.6	170.°41	4.°7/ 7.9	16
4 1	15 40.09	− 5 26.2	2.053	2.854	14.2	21.4
4 11	15 35.37	− 5 0.2	1.971	2.857	11.3	21.3
4 21	15 28.43	− 4 35.7	1.912	2.859	8.2	21.1
5 1	15 19.83	− 4 16.4	1.878	2.861	5.5	20.9
5 11	15 10.39	− 4 6.0	1.871	2.862	4.8	20.9
5 21	15 1.04	− 4 7.1	1.892	2.863	7.0	21.0
5 31	14 52.70	− 4 21.5	1.940	2.864	10.1	21.2
6 10	14 46.07	− 4 49.2	2.011	2.864	13.2	21.4
143377	2003 BD_{15}		5 10.6	96.°71	7.°4/16.4	18
4 1	15 41.41	−40 41.2	2.395	3.090	15.2	20.0
4 11	15 36.87	−41 30.9	2.310	3.100	13.2	19.8
4 21	15 29.72	−42 4.0	2.244	3.110	11.1	19.7
5 1	15 20.56	−42 16.6	2.200	3.119	9.0	19.6
5 11	15 10.36	−42 6.9	2.180	3.129	7.6	19.5
5 21	15 0.22	−41 35.7	2.187	3.138	7.6	19.5
5 31	14 51.26	−40 47.0	2.219	3.148	8.8	19.6
6 10	14 44.34	−39 47.1	2.276	3.157	10.8	19.8
152866	1999 XP_{216}		5 10.6	177.°24	1.°2/10.0	17
4 1	15 41.17	−16 48.5	1.507	2.319	17.9	20.9
4 11	15 37.26	−16 29.8	1.426	2.321	14.3	20.7
4 21	15 30.30	−16 2.1	1.364	2.322	9.9	20.4
5 1	15 20.95	−15 27.6	1.326	2.322	4.9	20.2
5 11	15 10.35	−14 50.1	1.313	2.322	1.3	19.9
5 21	14 59.84	−14 14.3	1.326	2.322	5.9	20.2
5 31	14 50.74	−13 45.6	1.365	2.321	10.8	20.5
6 10	14 44.04	−13 28.5	1.425	2.320	15.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
179678	Rietmeijer		5 10.6	171.°67	3.°7/ 8.2	17
	h m	° ′			°	m
4 1	15 39.23	− 9 54.6	2.028	2.832	14.2	21.7
4 11	15 34.74	− 9 10.5	1.946	2.835	11.3	21.5
4 21	15 28.01	− 8 23.3	1.885	2.838	7.9	21.3
5 1	15 19.63	− 7 36.8	1.851	2.840	4.8	21.1
5 11	15 10.42	− 6 55.5	1.844	2.842	3.9	21.1
5 21	15 1.32	− 6 23.5	1.865	2.843	6.5	21.2
5 31	14 53.24	− 6 4.0	1.912	2.843	9.9	21.4
6 10	14 46.89	− 5 58.8	1.983	2.843	13.0	21.6
297516	2001 BN_{1}		5 10.6	140.°51	0.°6/ 9.9	18
4 1	15 34.52	−16 56.3	3.518	4.293	9.3	23.3
4 11	15 30.02	−16 32.0	3.433	4.308	7.3	23.2
4 21	15 24.24	−16 3.2	3.373	4.322	5.0	23.0
5 1	15 17.57	−15 31.4	3.342	4.336	2.5	22.9
5 11	15 10.51	−14 58.4	3.340	4.349	0.7	22.7
5 21	15 3.54	−14 26.3	3.369	4.361	3.0	22.9
5 31	14 57.17	−13 57.4	3.427	4.373	5.4	23.1
6 10	14 51.80	−13 33.5	3.513	4.385	7.6	23.3
30826	Coulomb		5 10.6	199.°57	2.°0/12.3	18
4 1	15 37.05	−25 47.1	2.855	3.612	11.7	19.4
4 11	15 32.61	−25 51.5	2.751	3.608	9.5	19.2
4 21	15 26.37	−25 47.0	2.671	3.604	6.9	19.0
5 1	15 18.77	−25 33.2	2.617	3.600	4.1	18.8
5 11	15 10.46	−25 10.7	2.591	3.595	2.1	18.7
5 21	15 2.14	−24 41.5	2.594	3.590	3.5	18.8
5 31	14 54.55	−24 8.6	2.627	3.584	6.2	19.0
6 10	14 48.29	−23 35.5	2.685	3.578	9.0	19.1
178725	2000 SG_{298}		5 10.6	212.°67	0.°4/10.3	18
4 1	15 34.31	−19 15.6	2.570	3.357	12.0	20.7
4 11	15 30.53	−18 44.6	2.473	3.354	9.5	20.5
4 21	15 24.96	−18 5.6	2.398	3.349	6.6	20.3
5 1	15 18.06	−17 20.2	2.350	3.345	3.3	20.1
5 11	15 10.48	−16 31.1	2.331	3.341	0.4	19.8
5 21	15 2.96	−15 41.7	2.341	3.336	3.8	20.1
5 31	14 56.19	−14 55.8	2.378	3.331	7.1	20.3
6 10	14 50.77	−14 16.8	2.441	3.326	10.0	20.5
170341	2003 SH_{137}		5 10.6	118.°59	0.°5/10.3	18
4 1	15 38.62	−19 44.2	1.644	2.449	16.9	20.0
4 11	15 34.89	−19 10.2	1.566	2.457	13.4	19.8
4 21	15 28.43	−18 24.2	1.508	2.464	9.3	19.6
5 1	15 19.91	−17 28.5	1.475	2.470	4.6	19.3
5 11	15 10.41	−16 27.5	1.467	2.477	0.6	19.0
5 21	15 1.10	−15 26.9	1.487	2.483	5.2	19.4
5 31	14 53.13	−14 33.0	1.532	2.490	9.8	19.6
6 10	14 47.32	−13 50.8	1.600	2.495	13.8	19.9
434381	2004 VN_{19}		5 10.6	141.°70	0.°1/10.7	17
4 1	15 40.63	−18 31.0	2.451	3.228	12.8	21.5
4 11	15 35.49	−18 34.9	2.366	3.240	10.1	21.4
4 21	15 28.35	−18 33.0	2.304	3.251	7.0	21.2
5 1	15 19.75	−18 25.8	2.269	3.262	3.5	21.0
5 11	15 10.42	−18 14.7	2.262	3.272	0.2	20.7
5 21	15 1.20	−18 1.6	2.285	3.282	3.7	21.0
5 31	14 52.89	−17 49.4	2.337	3.291	7.1	21.3
6 10	14 46.14	−17 40.6	2.415	3.299	10.1	21.5
303965	2006 AL_{18}		5 10.6	77.°92	3.°5/12.5	18
4 1	15 41.08	−27 8.3	1.391	2.187	19.9	20.7
4 11	15 37.55	−27 17.3	1.321	2.200	16.3	20.5
4 21	15 30.63	−27 8.7	1.269	2.212	11.9	20.3
5 1	15 21.13	−26 41.0	1.239	2.225	7.2	20.0
5 11	15 10.37	−25 55.6	1.233	2.237	3.6	19.8
5 21	14 59.91	−24 57.7	1.252	2.250	5.8	20.0
5 31	14 51.19	−23 55.2	1.296	2.262	10.2	20.3
6 10	14 45.19	−22 56.6	1.361	2.275	14.5	20.6
343093	2009 DR_{35}		5 10.6	138.°83	2.°5/ 8.5	18
4 1	15 35.15	−11 39.0	2.632	3.428	11.5	21.3
4 11	15 30.96	−10 57.2	2.551	3.438	9.1	21.1
4 21	15 25.11	−10 12.2	2.495	3.447	6.3	21.0
5 1	15 18.08	− 9 26.8	2.466	3.457	3.5	20.8
5 11	15 10.51	− 8 44.3	2.465	3.466	2.7	20.7
5 21	15 3.06	− 8 7.8	2.493	3.474	4.8	20.9
5 31	14 56.38	− 7 40.2	2.549	3.482	7.6	21.1
6 10	14 50.99	− 7 23.1	2.630	3.490	10.2	21.3
81338	2000 GR_{37}		5 10.6	256.°15	0.°6/11.0	18
4 1	15 36.51	−20 29.1	2.153	2.943	14.0	20.0
4 11	15 32.74	−20 25.9	2.058	2.938	11.2	19.8
4 21	15 26.75	−20 14.4	1.984	2.934	7.8	19.6
5 1	15 19.06	−19 55.2	1.936	2.929	4.1	19.3
5 11	15 10.47	−19 29.9	1.914	2.924	0.6	19.0
5 21	15 1.87	−19 1.5	1.921	2.919	4.1	19.3
5 31	14 54.19	−18 33.7	1.955	2.914	7.9	19.5
6 10	14 48.18	−18 10.2	2.013	2.909	11.3	19.7

162555 2000 RZ_{14} 5 10.6 160.°10 0.°1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.28	−21 5.4	2.005	2.789	15.1	21.0
4 11	15 36.48	−20 33.2	1.919	2.796	12.0	20.8
4 21	15 29.27	−19 49.6	1.855	2.804	8.3	20.6
5 1	15 20.28	−18 56.3	1.816	2.810	4.2	20.3
5 11	15 10.43	−17 56.5	1.805	2.815	0.2	20.0
5 21	15 0.74	−16 55.1	1.823	2.820	4.5	20.3
5 31	14 52.21	−15 57.4	1.869	2.824	8.5	20.6
6 10	14 45.59	−15 8.5	1.940	2.827	12.1	20.8

233841 2008 UR_{296} 5 10.6 355.°81 0.°5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.66	−21 28.8	1.908	2.706	15.2	20.4
4 11	15 32.30	−21 8.0	1.820	2.705	12.2	20.2
4 21	15 26.55	−20 36.1	1.753	2.705	8.5	20.0
5 1	15 18.97	−19 54.0	1.711	2.705	4.4	19.7
5 11	15 10.47	−19 4.8	1.695	2.705	0.5	19.4
5 21	15 2.05	−18 12.8	1.706	2.705	4.4	19.7
5 31	14 54.71	−17 23.3	1.744	2.705	8.6	20.0
6 10	14 49.22	−16 41.2	1.806	2.705	12.2	20.2

416298 2003 RZ_{13} 5 10.6 240.°82 3.°8/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.41	−30 3.6	1.964	2.723	16.2	21.6
4 11	15 37.23	−30 2.6	1.853	2.707	13.5	21.4
4 21	15 30.24	−29 45.3	1.763	2.690	10.2	21.1
5 1	15 20.97	−29 9.2	1.695	2.673	6.6	20.9
5 11	15 10.39	−28 14.7	1.655	2.654	3.9	20.7
5 21	14 59.70	−27 5.0	1.641	2.635	5.2	20.7
5 31	14 50.12	−25 46.3	1.655	2.616	8.9	20.9
6 10	14 42.67	−24 26.7	1.694	2.595	12.8	21.1

193729 2001 FZ_{153} 5 10.6 35.°45 3.°1/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.53	−27 32.5	1.578	2.373	18.0	19.1
4 11	15 32.69	−27 28.1	1.509	2.387	14.6	18.9
4 21	15 27.02	−27 6.5	1.459	2.401	10.7	18.7
5 1	15 19.23	−26 27.6	1.431	2.416	6.4	18.5
5 11	15 10.47	−25 33.7	1.427	2.432	3.2	18.3
5 21	15 1.99	−24 30.2	1.450	2.448	5.1	18.5
5 31	14 54.94	−23 24.0	1.497	2.465	9.1	18.7
6 10	14 50.16	−22 22.5	1.568	2.482	12.9	19.0

190444 1999 YM_9 5 10.6 154.°27 2.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.28	−25 49.1	2.712	3.467	12.3	20.5
4 11	15 34.35	−25 51.1	2.621	3.476	9.9	20.3
4 21	15 27.54	−25 43.5	2.552	3.485	7.2	20.2
5 1	15 19.34	−25 25.9	2.510	3.493	4.3	20.0
5 11	15 10.47	−24 59.5	2.496	3.500	2.1	19.8
5 21	15 1.69	−24 26.3	2.511	3.507	3.5	20.0
5 31	14 53.75	−23 49.6	2.556	3.513	6.4	20.2
6 10	14 47.27	−23 13.5	2.627	3.518	9.2	20.3

499101 2009 FA_{76} 5 10.6 326.°29 2.°9/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.84	−11 45.6	1.286	2.123	19.0	20.1
4 11	15 34.50	−11 43.7	1.201	2.110	15.2	19.9
4 21	15 28.85	−11 39.3	1.134	2.097	10.7	19.6
5 1	15 20.45	−11 35.2	1.088	2.085	5.7	19.2
5 11	15 10.42	−11 35.3	1.066	2.073	3.1	19.0
5 21	15 0.22	−11 42.9	1.068	2.062	7.3	19.2
5 31	14 51.39	−12 1.3	1.093	2.053	12.5	19.5
6 10	14 45.15	−12 32.5	1.137	2.043	17.3	19.7

188720 2005 TB_{185} 5 10.6 49.°05 2.°0/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.31	−14 32.0	2.231	3.037	13.0	20.3
4 11	15 29.91	−13 52.7	2.151	3.043	10.2	20.1
4 21	15 24.60	−13 7.6	2.092	3.049	7.0	19.9
5 1	15 17.89	−12 19.7	2.060	3.055	3.6	19.7
5 11	15 10.53	−11 32.7	2.055	3.061	2.1	19.6
5 21	15 3.28	−10 50.5	2.079	3.068	4.9	19.8
5 31	14 56.91	−10 16.7	2.129	3.074	8.2	20.1
6 10	14 52.02	− 9 53.8	2.203	3.081	11.2	20.3

410102 2007 EG_{127} 5 10.6 76.°37 0.°4/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.52	−19 14.6	1.774	2.564	16.5	21.7
4 11	15 39.00	−19 18.4	1.718	2.599	13.0	21.5
4 21	15 30.90	−19 13.9	1.683	2.633	8.9	21.3
5 1	15 21.01	−19 1.9	1.673	2.666	4.5	21.1
5 11	15 10.41	−18 44.3	1.690	2.699	0.4	20.9
5 21	15 0.25	−18 24.5	1.734	2.732	4.5	21.3
5 31	14 51.55	−18 6.2	1.806	2.764	8.6	21.6
6 10	14 45.01	−17 53.1	1.903	2.795	12.0	21.9

302117 2001 PR_{37} 5 10.6 287.°99 4.°4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.06	− 6 56.0	2.186	2.990	13.3	21.1
4 11	15 33.23	− 6 22.9	2.070	2.958	10.7	20.9
4 21	15 27.20	− 5 48.7	1.976	2.926	7.8	20.7
5 1	15 19.38	− 5 17.0	1.909	2.894	5.1	20.4
5 11	15 10.47	− 4 51.8	1.868	2.861	4.6	20.3
5 21	15 1.32	− 4 36.9	1.855	2.828	7.0	20.4
5 31	14 52.88	− 4 35.3	1.868	2.794	10.3	20.5
6 10	14 45.94	− 4 48.5	1.904	2.760	13.7	20.7

144691 2004 FR_{154} 5 10.6 61.°35 5.°0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.53	−33 31.8	2.206	2.949	15.0	20.1
4 11	15 33.75	−33 51.9	2.114	2.951	12.7	19.9
4 21	15 27.54	−33 56.8	2.042	2.953	9.9	19.7
5 1	15 19.48	−33 44.1	1.994	2.955	7.1	19.6
5 11	15 10.47	−33 13.8	1.972	2.958	5.2	19.5
5 21	15 1.52	−32 27.9	1.976	2.960	5.6	19.5
5 31	14 53.65	−31 31.2	2.007	2.962	8.0	19.6
6 10	14 47.66	−30 29.9	2.063	2.965	10.8	19.8

272604 2005 WM_7 5 10.6 193.°82 1.°3/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.07	−23 8.6	2.467	3.234	13.0	22.5
4 11	15 35.24	−23 4.3	2.366	3.232	10.5	22.3
4 21	15 28.32	−22 50.9	2.288	3.229	7.5	22.1
5 1	15 19.81	−22 28.2	2.236	3.225	4.1	21.9
5 11	15 10.46	−21 57.5	2.212	3.220	1.3	21.6
5 21	15 1.13	−21 21.5	2.218	3.215	3.7	21.8
5 31	14 52.66	−20 43.9	2.252	3.209	7.2	22.0
6 10	14 45.76	−20 8.7	2.312	3.202	10.3	22.2

80891 2000 DP_{48} 5 10.6 192.°80 3.°5/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.38	−10 49.9	2.000	2.805	14.3	20.8
4 11	15 34.17	−10 2.3	1.913	2.804	11.4	20.5
4 21	15 27.71	− 9 10.5	1.848	2.802	8.0	20.3
5 1	15 19.52	− 8 18.2	1.809	2.800	4.7	20.1
5 11	15 10.47	− 7 30.1	1.797	2.797	3.7	20.1
5 21	15 1.49	− 6 50.9	1.813	2.793	6.5	20.2
5 31	14 53.50	− 6 24.1	1.855	2.789	10.0	20.4
6 10	14 47.26	− 6 12.1	1.921	2.785	13.3	20.6

170809 2004 DB_{49} 5 10.6 43.°40 4.°4/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.49	− 9 14.0	1.915	2.734	14.4	19.8
4 11	15 30.29	− 8 12.5	1.844	2.743	11.3	19.6
4 21	15 24.97	− 7 8.0	1.796	2.752	8.0	19.4
5 1	15 18.11	− 6 5.4	1.773	2.761	5.1	19.3
5 11	15 10.53	− 5 10.4	1.776	2.771	4.6	19.3
5 21	15 3.14	− 4 27.5	1.806	2.780	7.0	19.4
5 31	14 56.76	− 4 0.2	1.862	2.791	10.2	19.6
6 10	14 52.05	− 3 49.7	1.939	2.801	13.2	19.8

505417 2013 RZ_{17} 5 10.6 293.°93 1.°4/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.22	−21 23.9	1.589	2.395	17.4	21.4
4 11	15 35.36	−21 34.5	1.480	2.368	14.2	21.1
4 21	15 29.40	−21 34.9	1.389	2.341	10.2	20.8
5 1	15 20.77	−21 24.2	1.321	2.314	5.6	20.5
5 11	15 10.42	−21 3.2	1.278	2.287	1.4	20.1
5 21	14 59.67	−20 34.6	1.261	2.260	5.4	20.3
5 31	14 49.97	−20 3.6	1.268	2.233	10.6	20.5
6 10	14 42.58	−19 36.5	1.298	2.206	15.4	20.7

36741 2000 RL_{62} 5 10.6 195.°53 2.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.93	− 7 59.6	2.855	3.640	11.0	18.6
4 11	15 33.87	− 7 59.2	2.759	3.638	8.7	18.4
4 21	15 27.14	− 7 59.6	2.688	3.635	6.2	18.2
5 1	15 19.15	− 8 2.3	2.644	3.633	3.6	18.1
5 11	15 10.51	− 8 9.2	2.630	3.629	2.7	18.0
5 21	15 1.88	− 8 21.6	2.645	3.626	4.7	18.1
5 31	14 53.92	− 8 40.5	2.690	3.622	7.3	18.3
6 10	14 47.20	− 9 6.6	2.761	3.618	9.9	18.4

520155 2014 CG_{25} 5 10.6 157.°66 2.°5/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.57	−11 16.2	2.183	2.984	13.4	21.1
4 11	15 33.34	−11 0.8	2.097	2.986	10.6	21.0
4 21	15 27.03	−10 43.2	2.034	2.988	7.4	20.8
5 1	15 19.16	−10 25.6	1.997	2.990	4.0	20.5
5 11	15 10.51	−10 11.0	1.988	2.992	2.6	20.5
5 21	15 1.92	−10 2.0	2.006	2.993	5.3	20.6
5 31	14 54.24	−10 0.8	2.052	2.995	8.6	20.8
6 10	14 48.15	−10 9.1	2.122	2.996	11.8	21.0

415485 2014 OC_{231} 5 10.6 136.°46 3.°9/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 43.09	−26 56.7	1.639	2.419	18.1	21.0
4 11	15 38.84	−27 27.3	1.557	2.424	14.8	20.8
4 21	15 31.46	−27 44.6	1.494	2.430	11.0	20.6
5 1	15 21.59	−27 45.8	1.454	2.435	6.9	20.4
5 11	15 10.41	−27 30.5	1.439	2.440	4.0	20.2
5 21	14 59.31	−27 1.1	1.450	2.445	5.7	20.3
5 31	14 49.65	−26 23.2	1.488	2.450	9.6	20.5
6 10	14 42.48	−25 43.7	1.548	2.454	13.5	20.8

171772 2001 BN_9 5 10.6 36.°33 2.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.07	−22 25.3	1.195	2.019	21.0	19.6
4 11	15 36.29	−22 54.2	1.136	2.033	16.9	19.4
4 21	15 29.94	−23 10.3	1.094	2.049	12.0	19.2
5 1	15 20.85	−23 12.1	1.073	2.065	6.7	18.9
5 11	15 10.44	−23 0.8	1.075	2.083	2.5	18.7
5 21	15 0.37	−22 40.2	1.101	2.101	5.9	19.0
5 31	14 52.15	−22 16.3	1.150	2.120	10.9	19.3
6 10	14 46.82	−21 55.7	1.219	2.139	15.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
502615	2015 CB_{21}		5 10.6	317.°03	5.°4/13.3	17
	h m	° ′			°	m
4 1	15 38.33	−29 40.6	1.652	2.432	17.9	20.8
4 11	15 35.38	−30 25.4	1.557	2.421	15.0	20.5
4 21	15 29.31	−30 56.4	1.481	2.411	11.6	20.3
5 1	15 20.65	−31 9.8	1.427	2.401	8.0	20.0
5 11	15 10.45	−31 3.8	1.397	2.392	5.5	19.9
5 21	15 0.07	−30 39.4	1.392	2.383	6.6	19.9
5 31	14 50.96	−30 1.4	1.412	2.374	10.0	20.1
6 10	14 44.27	−29 17.4	1.455	2.366	13.9	20.3
425244	2009 WA_{44}		5 10.6	257.°23	2.°2/12.3	18
4 1	15 37.50	−27 30.0	1.978	2.753	15.6	21.6
4 11	15 33.93	−27 3.1	1.871	2.738	12.7	21.4
4 21	15 27.82	−26 19.5	1.785	2.724	9.3	21.2
5 1	15 19.70	−25 18.8	1.723	2.709	5.5	20.9
5 11	15 10.49	−24 3.1	1.688	2.694	2.3	20.6
5 21	15 1.27	−22 37.3	1.680	2.679	4.5	20.8
5 31	14 53.11	−21 8.5	1.700	2.663	8.6	21.0
6 10	14 46.89	−19 44.3	1.745	2.647	12.4	21.2
430432	1999 VL_{116}		5 10.6	198.°88	1.°2/ 9.9	17
4 1	15 37.31	−15 46.9	2.161	2.958	13.7	21.8
4 11	15 33.25	−15 29.3	2.070	2.957	10.8	21.6
4 21	15 27.04	−15 5.8	2.001	2.955	7.5	21.4
5 1	15 19.20	−14 38.3	1.957	2.953	3.7	21.2
5 11	15 10.52	−14 9.5	1.942	2.950	1.3	21.0
5 21	15 1.87	−13 42.6	1.954	2.948	4.6	21.2
5 31	14 54.14	−13 21.1	1.994	2.945	8.3	21.4
6 10	14 48.04	−13 7.7	2.058	2.941	11.7	21.6
430810	2005 ES_{106}		5 10.7	277.°26	10.°9/ 1.1	17
4 1	15 34.39	+10 3.5	2.023	2.817	14.6	20.8
4 11	15 31.01	+11 43.8	1.954	2.809	12.8	20.7
4 21	15 25.52	+13 14.2	1.907	2.801	11.4	20.5
5 1	15 18.44	+14 26.8	1.884	2.793	10.9	20.5
5 11	15 10.56	+15 14.6	1.883	2.785	11.4	20.5
5 21	15 2.74	+15 33.8	1.906	2.777	12.9	20.6
5 31	14 55.85	+15 23.4	1.950	2.769	14.8	20.7
6 10	14 50.58	+14 45.7	2.011	2.761	16.7	20.8
392795	2012 TK_{186}		5 10.7	159.°41	0.°5/10.9	18
4 1	15 38.68	−19 24.0	2.645	3.421	12.0	21.8
4 11	15 33.91	−19 31.6	2.553	3.426	9.6	21.6
4 21	15 27.28	−19 33.5	2.485	3.431	6.7	21.5
5 1	15 19.26	−19 30.0	2.443	3.435	3.4	21.3
5 11	15 10.54	−19 22.1	2.430	3.439	0.5	21.0
5 21	15 1.85	−19 11.6	2.446	3.443	3.4	21.3
5 31	14 53.96	−19 0.9	2.491	3.446	6.7	21.5
6 10	14 47.47	−18 52.7	2.562	3.449	9.5	21.7
120816	1998 HN_{42}		5 10.7	83.°24	2.°0/11.5	17
4 1	15 43.30	−21 23.2	1.831	2.617	16.2	19.5
4 11	15 38.44	−22 1.4	1.755	2.630	13.0	19.3
4 21	15 30.86	−22 32.1	1.699	2.644	9.3	19.1
5 1	15 21.19	−22 53.8	1.667	2.657	5.2	18.9
5 11	15 10.46	−23 6.3	1.663	2.670	2.0	18.7
5 21	14 59.85	−23 10.9	1.686	2.683	4.7	18.9
5 31	14 50.51	−23 10.5	1.736	2.696	8.6	19.1
6 10	14 43.32	−23 9.4	1.811	2.709	12.2	19.4
146154	2000 SQ_{150}		5 10.7	268.°42	1.°4/ 9.5	18
4 1	15 33.50	−16 46.8	2.334	3.134	12.7	19.8
4 11	15 30.11	−16 4.3	2.238	3.126	10.1	19.6
4 21	15 24.80	−15 14.0	2.164	3.119	6.9	19.4
5 1	15 18.06	−14 18.2	2.116	3.112	3.5	19.1
5 11	15 10.58	−13 20.8	2.097	3.105	1.5	19.0
5 21	15 3.13	−12 25.8	2.105	3.097	4.5	19.2
5 31	14 56.49	−11 37.4	2.141	3.090	8.0	19.4
6 10	14 51.29	−10 59.2	2.202	3.082	11.1	19.6
46860	1998 QP_{60}		5 10.7	220.°67	1.°0/11.3	18
4 1	15 38.83	−23 4.2	1.909	2.697	15.6	19.3
4 11	15 34.94	−22 45.0	1.812	2.690	12.6	19.1
4 21	15 28.49	−22 13.1	1.736	2.684	8.9	18.8
5 1	15 20.03	−21 28.9	1.685	2.677	4.8	18.6
5 11	15 10.51	−20 34.9	1.660	2.669	1.0	18.3
5 21	15 1.00	−19 35.5	1.663	2.661	4.5	18.5
5 31	14 52.59	−18 36.6	1.692	2.653	8.8	18.8
6 10	14 46.15	−17 44.0	1.746	2.644	12.7	19.0
156344	2001 XT_{165}		5 10.7	39.°02	3.°7/13.3	18
4 1	15 36.23	−30 18.8	1.601	2.385	18.3	19.6
4 11	15 33.36	−30 1.9	1.524	2.392	15.0	19.3
4 21	15 27.56	−29 24.4	1.465	2.401	11.2	19.1
5 1	15 19.57	−28 25.8	1.428	2.409	7.1	18.9
5 11	15 10.55	−27 8.7	1.416	2.418	3.9	18.7
5 21	15 1.78	−25 39.2	1.430	2.427	5.3	18.8
5 31	14 54.48	−24 5.9	1.470	2.437	9.2	19.1
6 10	14 49.49	−22 37.9	1.533	2.447	13.1	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
321081	2008 SN_{105}		5 10.7	199.°85	1.°2/ 9.7	18
	h m	° ′			°	m
4 1	15 36.85	−16 37.6	2.383	3.174	12.7	21.3
4 11	15 32.68	−16 5.9	2.287	3.171	10.1	21.2
4 21	15 26.54	−15 27.3	2.214	3.167	6.9	20.9
5 1	15 18.94	−14 43.9	2.168	3.163	3.5	20.7
5 11	15 10.58	−13 58.6	2.150	3.158	1.3	20.5
5 21	15 2.26	−13 15.0	2.161	3.153	4.4	20.8
5 31	14 54.77	−12 37.1	2.199	3.147	7.8	21.0
6 10	14 48.76	−12 7.8	2.263	3.141	11.0	21.1
48751	1997 GM_8		5 10.7	230.°75	0.°5/10.3	18
4 1	15 38.27	−19 32.6	1.934	2.729	15.1	19.3
4 11	15 34.42	−19 0.6	1.835	2.720	12.1	19.1
4 21	15 28.10	−18 17.8	1.758	2.711	8.4	18.9
5 1	15 19.85	−17 25.6	1.705	2.700	4.2	18.6
5 11	15 10.55	−16 27.6	1.680	2.690	0.5	18.3
5 21	15 1.24	−15 28.6	1.682	2.679	4.8	18.6
5 31	14 52.96	−14 34.3	1.712	2.667	9.1	18.8
6 10	14 46.55	−13 49.6	1.765	2.655	13.0	19.0
366564	2002 RE_{249}		5 10.7	277.°01	2.°3/ 9.3	17
4 1	15 38.17	−14 35.7	1.739	2.550	15.9	22.0
4 11	15 34.80	−14 4.9	1.630	2.525	12.8	21.7
4 21	15 28.69	−13 26.1	1.542	2.500	8.9	21.4
5 1	15 20.30	−12 41.9	1.479	2.474	4.7	21.1
5 11	15 10.53	−11 56.4	1.441	2.448	2.4	20.9
5 21	15 0.50	−11 14.6	1.430	2.421	6.3	21.1
5 31	14 51.44	−10 41.9	1.444	2.394	10.9	21.3
6 10	14 44.37	−10 22.7	1.481	2.367	15.2	21.5
221296	2005 UT_{479}		5 10.7	103.°58	3.°0/ 8.6	18
4 1	15 39.04	−11 47.6	2.032	2.834	14.3	21.2
4 11	15 34.42	−11 2.5	1.966	2.855	11.2	21.0
4 21	15 27.68	−10 13.6	1.923	2.876	7.7	20.9
5 1	15 19.44	− 9 24.5	1.905	2.897	4.3	20.7
5 11	15 10.58	− 8 39.7	1.915	2.917	3.2	20.7
5 21	15 1.98	− 8 3.0	1.954	2.936	5.8	20.9
5 31	14 54.48	− 7 37.6	2.019	2.955	9.1	21.1
6 10	14 48.72	− 7 25.4	2.108	2.974	12.2	21.3
145246	2005 JN_{103}		5 10.7	296.°60	0.°6/10.9	18
4 1	15 37.24	−20 5.7	1.507	2.321	17.8	20.3
4 11	15 34.63	−20 6.4	1.405	2.299	14.4	20.1
4 21	15 28.91	−19 56.4	1.321	2.277	10.3	19.7
5 1	15 20.54	−19 35.9	1.260	2.255	5.4	19.4
5 11	15 10.53	−19 6.6	1.223	2.233	0.6	19.0
5 21	15 0.21	−18 32.3	1.212	2.211	5.6	19.3
5 31	14 51.04	−17 58.8	1.225	2.190	10.9	19.5
6 10	14 44.24	−17 32.2	1.259	2.168	15.7	19.7
67671	2000 SS_{275}		5 10.7	207.°08	2.°6/ 8.9	17
4 1	15 38.84	−14 42.9	1.770	2.578	15.8	19.9
4 11	15 34.96	−13 54.3	1.681	2.575	12.5	19.6
4 21	15 28.50	−12 57.3	1.614	2.571	8.7	19.4
5 1	15 20.05	−11 55.3	1.571	2.566	4.6	19.1
5 11	15 10.56	−10 53.5	1.555	2.561	2.8	19.0
5 21	15 1.12	− 9 57.6	1.566	2.555	6.2	19.2
5 31	14 52.82	− 9 13.0	1.604	2.549	10.4	19.4
6 10	14 46.51	− 8 43.6	1.664	2.542	14.2	19.6
514926	2008 UT_{143}		5 10.7	157.°22	0.°3/10.3	18
4 1	15 31.47	−17 15.4	3.984	4.761	8.3	23.0
4 11	15 27.60	−17 2.8	3.891	4.766	6.5	22.8
4 21	15 22.62	−16 46.4	3.823	4.772	4.4	22.7
5 1	15 16.84	−16 27.2	3.783	4.777	2.2	22.5
5 11	15 10.68	−16 6.7	3.773	4.782	0.4	22.4
5 21	15 4.56	−15 46.3	3.792	4.787	2.5	22.6
5 31	14 58.91	−15 27.8	3.842	4.791	4.7	22.7
6 10	14 54.10	−15 12.8	3.918	4.795	6.8	22.9
66566	1999 RL_{139}		5 10.7	214.°59	4.°6/13.1	18
4 1	15 41.84	−29 8.9	1.742	2.513	17.5	18.8
4 11	15 37.88	−29 38.6	1.650	2.510	14.5	18.6
4 21	15 30.87	−29 53.9	1.576	2.506	11.0	18.4
5 1	15 21.38	−29 51.9	1.526	2.502	7.3	18.1
5 11	15 10.51	−29 31.5	1.500	2.498	4.7	18.0
5 21	14 59.59	−28 54.9	1.501	2.493	5.9	18.0
5 31	14 49.97	−28 7.5	1.527	2.488	9.5	18.2
6 10	14 42.73	−27 16.8	1.577	2.483	13.3	18.4
470211	2006 VE_{173}		5 10.7	213.°58	1.°4/ 9.7	18
4 1	15 36.60	−13 56.8	2.496	3.289	12.2	21.4
4 11	15 32.40	−13 49.1	2.401	3.285	9.6	21.2
4 21	15 26.33	−13 38.1	2.329	3.282	6.6	21.0
5 1	15 18.84	−13 25.1	2.284	3.278	3.4	20.8
5 11	15 10.61	−13 12.4	2.267	3.274	1.4	20.6
5 21	15 2.39	−13 2.0	2.278	3.270	4.2	20.8
5 31	14 54.93	−12 56.3	2.318	3.266	7.5	21.0
6 10	14 48.86	−12 57.3	2.383	3.262	10.5	21.2

156273 2001 VU_{70} 5 10.7 185.°44 0.°7/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.66	−17 57.8	2.465	3.248	12.6	21.2
4 11	15 34.02	−17 28.0	2.370	3.248	10.0	21.0
4 21	15 27.42	−16 50.7	2.298	3.248	6.9	20.8
5 1	15 19.38	−16 7.5	2.252	3.246	3.4	20.6
5 11	15 10.60	−15 21.4	2.235	3.244	0.8	20.3
5 21	15 1.89	−14 35.8	2.248	3.242	4.1	20.6
5 31	14 54.02	−13 54.5	2.289	3.238	7.5	20.8
6 10	14 47.64	−13 20.9	2.356	3.234	10.6	21.0

232526 2003 SV_{13} 5 10.7 213.°11 2.°8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.17	−12 5.7	2.118	2.924	13.6	20.7
4 11	15 32.37	−11 27.6	2.029	2.921	10.8	20.5
4 21	15 26.45	−10 45.1	1.962	2.918	7.5	20.3
5 1	15 18.94	−10 1.3	1.921	2.914	4.2	20.1
5 11	15 10.62	− 9 20.2	1.908	2.910	3.0	20.0
5 21	15 2.34	− 8 45.6	1.922	2.906	5.7	20.2
5 31	14 54.97	− 8 21.2	1.962	2.902	9.1	20.4
6 10	14 49.20	− 8 9.1	2.027	2.898	12.4	20.6

308706 2006 FP_{49} 5 10.7 15.°12 1.°6/10.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 54.52	− 5 43.5	1.073	1.894	23.0	19.0
4 11	15 49.30	− 7 35.5	1.001	1.898	18.7	18.8
4 21	15 39.61	− 9 45.5	0.947	1.904	13.2	18.4
5 1	15 26.10	−12 11.0	0.915	1.910	6.9	18.1
5 11	15 10.36	−14 45.0	0.909	1.919	1.7	17.8
5 21	14 54.54	−17 17.4	0.930	1.928	7.2	18.2
5 31	14 40.83	−19 40.5	0.976	1.939	13.3	18.6
6 10	14 30.81	−21 51.4	1.044	1.950	18.5	18.9

470089 2006 SU_{397} 5 10.7 174.°65 0.°5/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.56	−17 29.2	2.770	3.554	11.3	22.8
4 11	15 31.36	−17 10.3	2.677	3.556	8.9	22.6
4 21	15 25.48	−16 45.7	2.607	3.557	6.1	22.4
5 1	15 18.37	−16 16.7	2.564	3.559	3.1	22.2
5 11	15 10.64	−15 45.5	2.550	3.560	0.6	22.0
5 21	15 2.98	−15 14.7	2.566	3.560	3.6	22.2
5 31	14 56.03	−14 47.0	2.610	3.560	6.6	22.4
6 10	14 50.34	−14 25.2	2.679	3.560	9.4	22.6

350681 2001 UO_{172} 5 10.7 143.°32 0.°7/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.06	−16 54.3	2.892	3.674	11.0	22.7
4 11	15 31.59	−16 34.3	2.807	3.685	8.6	22.6
4 21	15 25.54	−16 9.2	2.745	3.695	5.9	22.4
5 1	15 18.36	−15 40.4	2.711	3.705	2.9	22.2
5 11	15 10.65	−15 10.1	2.706	3.715	0.7	22.0
5 21	15 3.04	−14 40.7	2.730	3.724	3.5	22.3
5 31	14 56.15	−14 14.8	2.784	3.732	6.4	22.5
6 10	14 50.48	−13 54.7	2.863	3.741	9.0	22.7

402131 2004 LB_{30} 5 10.7 313.°03 7.°6/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.33	− 5 34.5	1.215	2.060	19.4	21.2
4 11	15 33.38	− 4 33.5	1.134	2.045	15.8	20.9
4 21	15 28.12	− 3 30.6	1.072	2.030	11.8	20.6
5 1	15 20.13	− 2 34.1	1.030	2.016	8.4	20.4
5 11	15 10.58	− 1 52.8	1.011	2.002	8.0	20.3
5 21	15 0.90	− 1 34.1	1.014	1.988	11.2	20.4
5 31	14 52.62	− 1 42.3	1.039	1.975	15.6	20.6
6 10	14 46.92	− 2 17.4	1.081	1.963	19.9	20.8

106123 2000 TK_{35} 5 10.7 65.°52 0.°9/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.59	−21 2.3	2.249	3.036	13.6	20.0
4 11	15 32.64	−21 8.0	2.165	3.043	10.8	19.8
4 21	15 26.60	−21 5.9	2.102	3.050	7.6	19.6
5 1	15 19.00	−20 56.4	2.065	3.057	4.0	19.4
5 11	15 10.63	−20 40.9	2.055	3.064	0.9	19.1
5 21	15 2.33	−20 21.6	2.073	3.071	3.8	19.4
5 31	14 54.95	−20 1.7	2.119	3.078	7.3	19.6
6 10	14 49.19	−19 44.7	2.189	3.086	10.5	19.8

39319 2001 VT_{35} 5 10.7 131.°04 0.°1/10.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.95	−18 45.0	2.499	3.285	12.4	19.6
4 11	15 31.84	−18 32.2	2.412	3.292	9.8	19.4
4 21	15 25.90	−18 12.8	2.349	3.299	6.7	19.3
5 1	15 18.60	−17 47.9	2.311	3.305	3.4	19.0
5 11	15 10.65	−17 19.7	2.302	3.312	0.2	18.8
5 21	15 2.78	−16 50.8	2.321	3.318	3.7	19.1
5 31	14 55.73	−16 24.3	2.369	3.324	7.0	19.3
6 10	14 50.10	−16 3.2	2.442	3.329	9.9	19.5

478171 2011 UR_{182} 5 10.7 255.°14 1.°9/11.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.36	−23 33.8	2.478	3.250	12.8	21.7
4 11	15 33.24	−23 51.6	2.376	3.243	10.4	21.5
4 21	15 27.06	−24 1.6	2.295	3.235	7.5	21.3
5 1	15 19.28	−24 3.0	2.241	3.227	4.3	21.1
5 11	15 10.62	−23 56.4	2.213	3.220	1.9	20.9
5 21	15 1.90	−23 43.3	2.215	3.212	3.8	21.0
5 31	14 53.95	−23 26.4	2.244	3.204	7.0	21.2
6 10	14 47.51	−23 9.2	2.299	3.195	10.1	21.4

307075 2002 AF_{50} 5 10.7 221.°25 1.°4/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.39	−23 44.8	2.343	3.114	13.5	21.4
4 11	15 34.94	−23 37.2	2.237	3.104	10.9	21.2
4 21	15 28.29	−23 19.2	2.152	3.093	7.8	21.0
5 1	15 19.91	−22 50.9	2.093	3.082	4.4	20.7
5 11	15 10.60	−22 13.4	2.062	3.070	1.4	20.5
5 21	15 1.24	−21 29.8	2.059	3.057	3.9	20.7
5 31	14 52.76	−20 44.2	2.085	3.044	7.5	20.9
6 10	14 45.90	−20 1.3	2.137	3.030	10.9	21.0

514696 2006 DA_{134} 5 10.7 280.°18 2.°4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.34	− 6 40.6	4.409	5.203	7.3	21.2
4 11	15 24.31	− 6 12.7	4.313	5.196	5.7	21.1
4 21	15 20.35	− 5 44.9	4.243	5.190	4.1	21.0
5 1	15 15.72	− 5 18.8	4.200	5.183	2.7	20.9
5 11	15 10.75	− 4 56.3	4.187	5.176	2.5	20.9
5 21	15 5.81	− 4 39.0	4.202	5.169	3.7	20.9
5 31	15 1.22	− 4 28.0	4.246	5.162	5.3	21.0
6 10	14 57.30	− 4 24.1	4.315	5.156	6.9	21.2

282568 2004 YJ_{14} 5 10.7 137.°53 1.°9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.24	−13 59.2	2.094	2.896	13.9	21.1
4 11	15 33.20	−13 37.0	2.011	2.901	11.0	20.9
4 21	15 27.01	−13 10.0	1.950	2.905	7.5	20.7
5 1	15 19.22	−12 40.5	1.914	2.909	3.9	20.5
5 11	15 10.63	−12 11.9	1.906	2.913	2.0	20.4
5 21	15 2.14	−11 47.2	1.926	2.916	5.0	20.6
5 31	14 54.61	−11 29.8	1.972	2.920	8.6	20.8
6 10	14 48.75	−11 22.0	2.043	2.923	11.9	21.0

426533 2013 RS_{66} 5 10.7 183.°21 0.°2/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.85	−19 26.3	2.183	2.969	13.9	22.8
4 11	15 34.48	−19 5.0	2.090	2.970	11.1	22.6
4 21	15 27.91	−18 35.0	2.020	2.970	7.7	22.3
5 1	15 19.69	−17 57.5	1.975	2.970	3.9	22.1
5 11	15 10.62	−17 15.3	1.959	2.969	0.2	21.8
5 21	15 1.61	−16 32.0	1.971	2.967	4.2	22.1
5 31	14 53.56	−15 51.8	2.010	2.965	8.0	22.3
6 10	14 47.20	−15 18.6	2.075	2.962	11.4	22.5

352488 2008 BS_{53} 5 10.7 189.°58 4.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.82	−33 37.7	2.968	3.687	12.0	22.1
4 11	15 34.13	−33 58.6	2.865	3.686	10.1	22.0
4 21	15 27.52	−34 7.8	2.783	3.684	8.0	21.8
5 1	15 19.46	−34 3.6	2.727	3.682	5.8	21.7
5 11	15 10.63	−33 45.6	2.698	3.680	4.3	21.6
5 21	15 1.79	−33 15.2	2.697	3.677	4.7	21.6
5 31	14 53.73	−32 35.3	2.725	3.673	6.5	21.7
6 10	14 47.10	−31 50.2	2.780	3.669	8.8	21.8

372595 2009 UW_{139} 5 10.7 167.°83 5.°6/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.28	− 2 29.5	2.298	3.096	13.0	21.4
4 11	15 33.69	− 1 38.8	2.220	3.100	10.5	21.3
4 21	15 27.18	− 0 50.3	2.165	3.104	7.9	21.1
5 1	15 19.25	− 0 8.6	2.136	3.108	6.0	21.0
5 11	15 10.64	+ 0 22.1	2.135	3.110	5.8	21.0
5 21	15 2.14	+ 0 38.5	2.161	3.112	7.6	21.1
5 31	14 54.52	+ 0 38.9	2.213	3.114	10.2	21.2
6 10	14 48.40	+ 0 23.3	2.288	3.115	12.7	21.4

292495 2006 SP_{413} 5 10.7 203.°49 1.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.56	−24 28.4	2.424	3.198	13.0	20.7
4 11	15 31.76	−24 13.2	2.327	3.196	10.5	20.5
4 21	15 25.97	−23 47.1	2.252	3.194	7.5	20.3
5 1	15 18.69	−23 10.6	2.203	3.192	4.2	20.1
5 11	15 10.66	−22 25.7	2.182	3.190	1.4	19.9
5 21	15 2.68	−21 35.5	2.189	3.187	3.6	20.1
5 31	14 55.55	−20 44.2	2.225	3.185	7.0	20.3
6 10	14 49.94	−19 56.3	2.285	3.182	10.1	20.5

338931 2004 EU_{41} 5 10.7 56.°48 4.°2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.74	−28 58.4	2.139	2.898	15.0	20.1
4 11	15 35.55	−29 39.1	2.049	2.901	12.4	19.9
4 21	15 28.88	−30 8.6	1.980	2.904	9.4	19.7
5 1	15 20.27	−30 24.3	1.935	2.908	6.4	19.5
5 11	15 10.60	−30 25.5	1.917	2.911	4.3	19.4
5 21	15 0.92	−30 13.3	1.926	2.914	5.2	19.5
5 31	14 52.28	−29 51.0	1.961	2.918	8.1	19.7
6 10	14 45.53	−29 23.7	2.022	2.921	11.1	19.8

284090 2005 LR_{37} 5 10.7 244.°03 5.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.57	− 3 45.9	2.263	3.066	13.0	20.9
4 11	15 32.50	− 3 12.8	2.175	3.060	10.5	20.7
4 21	15 26.47	− 2 41.7	2.110	3.055	7.8	20.5
5 1	15 18.94	− 2 16.5	2.071	3.049	5.5	20.3
5 11	15 10.65	− 2 0.9	2.058	3.042	5.2	20.3
5 21	15 2.38	− 1 57.7	2.073	3.036	7.1	20.4
5 31	14 54.94	− 2 8.6	2.114	3.030	9.9	20.6
6 10	14 48.97	− 2 33.9	2.179	3.023	12.6	20.7

185511 2007 TR_{414} 5 10.7 252.°60 2.°0/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.32	−15 25.0	1.721	2.529	16.2	20.7
4 11	15 35.65	−14 54.3	1.620	2.514	12.9	20.4
4 21	15 29.22	−14 15.2	1.541	2.498	9.0	20.1
5 1	15 20.55	−13 30.2	1.486	2.481	4.6	19.8
5 11	15 10.59	−12 43.4	1.457	2.464	2.1	19.6
5 21	15 0.49	−11 59.8	1.454	2.447	6.1	19.8
5 31	14 51.47	−11 24.8	1.478	2.429	10.7	20.0
6 10	14 44.52	−11 2.6	1.524	2.410	14.8	20.3

522733 2016 LO_{63} 5 10.7 171.°87 1.°0/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.80	−24 45.2	2.514	3.286	12.7	21.3
4 11	15 31.02	−24 10.2	2.418	3.287	10.2	21.2
4 21	15 25.36	−23 23.4	2.346	3.288	7.2	21.0
5 1	15 18.35	−22 25.9	2.299	3.289	3.9	20.8
5 11	15 10.67	−21 20.4	2.281	3.290	1.1	20.5
5 21	15 3.10	−20 10.8	2.292	3.290	3.5	20.7
5 31	14 56.38	−19 1.9	2.331	3.290	6.8	20.9
6 10	14 51.10	−17 58.4	2.397	3.291	9.8	21.1

501829 2014 WV_{107} 5 10.7 274.°12 2.°3/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.90	−23 29.0	1.568	2.365	18.0	22.1
4 11	15 37.62	−23 44.0	1.461	2.342	14.8	21.8
4 21	15 31.08	−23 47.2	1.372	2.319	10.8	21.5
5 1	15 21.71	−23 36.9	1.305	2.295	6.2	21.2
5 11	15 10.55	−23 13.0	1.264	2.271	2.4	20.9
5 21	14 58.97	−22 38.0	1.248	2.247	5.6	21.0
5 31	14 48.55	−21 57.5	1.257	2.222	10.7	21.2
6 10	14 40.58	−21 18.9	1.288	2.197	15.5	21.4

392277 2010 AM_{81} 5 10.7 222.°07 3.°2/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.06	−10 19.2	2.011	2.819	14.2	20.8
4 11	15 33.19	− 9 51.4	1.925	2.817	11.2	20.6
4 21	15 27.09	− 9 21.0	1.860	2.815	7.9	20.4
5 1	15 19.30	− 8 51.4	1.821	2.813	4.5	20.1
5 11	15 10.64	− 8 26.1	1.809	2.810	3.4	20.1
5 21	15 2.03	− 8 8.6	1.824	2.808	6.1	20.2
5 31	14 54.38	− 8 1.8	1.866	2.805	9.6	20.4
6 10	14 48.41	− 8 7.2	1.930	2.802	12.8	20.6

427464 2001 UK_{57} 5 10.7 164.°66 2.°3/12.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.43	−25 6.7	2.358	3.117	13.8	23.0
4 11	15 37.25	−25 23.8	2.265	3.123	11.2	22.8
4 21	15 29.81	−25 31.4	2.195	3.129	8.1	22.7
5 1	15 20.65	−25 28.4	2.150	3.133	4.8	22.5
5 11	15 10.60	−25 15.3	2.133	3.137	2.4	22.3
5 21	15 0.60	−24 53.7	2.146	3.141	4.1	22.4
5 31	14 51.56	−24 27.3	2.186	3.143	7.3	22.6
6 10	14 44.25	−24 0.2	2.253	3.145	10.4	22.8

273937 2007 JY_{17} 5 10.7 266.°60 6.°8/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.82	− 3 1.6	1.926	2.742	14.4	21.0
4 11	15 31.51	− 1 43.7	1.842	2.733	11.7	20.8
4 21	15 25.98	− 0 25.8	1.780	2.724	9.0	20.6
5 1	15 18.76	+ 0 45.7	1.743	2.714	7.1	20.5
5 11	15 10.66	+ 1 44.1	1.732	2.705	7.2	20.5
5 21	15 2.59	+ 2 24.2	1.747	2.696	9.3	20.6
5 31	14 55.46	+ 2 42.8	1.786	2.686	12.2	20.7
6 10	14 50.00	+ 2 39.3	1.847	2.677	15.1	20.9

507575 2013 AM_{126} 5 10.7 160.°07 2.°7/13.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.75	−28 37.2	2.695	3.446	12.4	22.0
4 11	15 32.51	−28 36.4	2.601	3.451	10.2	21.8
4 21	15 26.39	−28 24.3	2.528	3.454	7.6	21.6
5 1	15 18.88	−28 0.5	2.481	3.458	4.8	21.5
5 11	15 10.67	−27 25.8	2.461	3.461	2.8	21.3
5 21	15 2.54	−26 42.7	2.470	3.464	3.8	21.4
5 31	14 55.24	−25 54.8	2.508	3.467	6.4	21.6
6 10	14 49.38	−25 6.5	2.572	3.469	9.1	21.8

426600 2013 SK_{38} 5 10.7 112.°74 3.°1/12.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 43.36	−25 56.8	2.102	2.865	15.1	21.6
4 11	15 38.22	−26 29.9	2.022	2.881	12.3	21.5
4 21	15 30.58	−26 52.7	1.963	2.896	9.0	21.3
5 1	15 21.06	−27 3.5	1.930	2.911	5.6	21.1
5 11	15 10.60	−27 2.0	1.923	2.925	3.2	21.0
5 21	15 0.26	−26 49.8	1.945	2.939	4.6	21.1
5 31	14 51.07	−26 30.5	1.995	2.952	7.9	21.3
6 10	14 43.85	−26 8.9	2.069	2.965	11.1	21.5

287638 2003 HP_{58} 5 10.7 259.°86 2.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.07	−25 52.6	2.383	3.149	13.5	20.7
4 11	15 33.93	−26 18.9	2.284	3.145	11.0	20.5
4 21	15 27.62	−26 36.3	2.207	3.141	8.1	20.3
5 1	15 19.60	−26 43.3	2.155	3.136	5.0	20.1
5 11	15 10.65	−26 39.9	2.130	3.132	2.8	19.9
5 21	15 1.64	−26 27.5	2.133	3.127	4.2	20.0
5 31	14 53.48	−26 8.9	2.164	3.123	7.3	20.2
6 10	14 46.93	−25 48.1	2.220	3.118	10.3	20.4

364780 2007 YL_{71} 5 10.7 107.°88 5.°0/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.97	− 2 2.0	2.764	3.559	11.1	22.0
4 11	15 30.64	− 1 3.8	2.703	3.580	8.9	21.8
4 21	15 24.83	− 0 8.2	2.665	3.601	6.8	21.7
5 1	15 17.99	+ 0 40.9	2.654	3.621	5.3	21.6
5 11	15 10.71	+ 1 19.8	2.672	3.641	5.2	21.7
5 21	15 3.62	+ 1 46.1	2.717	3.660	6.7	21.8
5 31	14 57.27	+ 1 58.1	2.789	3.679	8.7	21.9
6 10	14 52.13	+ 1 56.0	2.885	3.697	10.7	22.1

203913 2003 MC_1 5 10.7 284.°67 4.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.20	−30 57.2	1.958	2.721	16.1	19.9
4 11	15 34.01	−30 55.8	1.844	2.699	13.5	19.7
4 21	15 28.12	−30 37.3	1.750	2.677	10.3	19.4
5 1	15 20.02	−29 59.3	1.679	2.654	6.9	19.2
5 11	15 10.64	−29 2.2	1.634	2.632	4.3	18.9
5 21	15 1.10	−27 49.0	1.615	2.609	5.3	19.0
5 31	14 52.60	−26 26.0	1.623	2.586	8.9	19.1
6 10	14 46.14	−25 1.4	1.655	2.563	12.7	19.3

145820 Valeromeo 5 10.7 263.°80 0.°4/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.78	−19 48.6	1.843	2.638	15.8	20.5
4 11	15 35.99	−19 47.8	1.736	2.619	12.7	20.2
4 21	15 29.48	−19 38.2	1.649	2.600	9.0	20.0
5 1	15 20.72	−19 19.9	1.587	2.581	4.7	19.7
5 11	15 10.62	−18 54.5	1.551	2.561	0.4	19.3
5 21	15 0.30	−18 25.1	1.542	2.541	4.9	19.6
5 31	14 50.98	−17 56.2	1.560	2.520	9.5	19.8
6 10	14 43.65	−17 32.8	1.601	2.499	13.6	20.0

229530 2005 XT_{65} 5 10.7 220.°84 7.°0/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.45	−41 43.9	2.180	2.876	16.5	20.5
4 11	15 37.97	−41 40.7	2.075	2.869	14.4	20.3
4 21	15 30.64	−41 14.9	1.988	2.863	11.9	20.1
5 1	15 21.16	−40 22.7	1.923	2.856	9.3	19.9
5 11	15 10.61	−39 3.4	1.883	2.848	7.4	19.8
5 21	15 0.24	−37 19.8	1.870	2.840	7.2	19.8
5 31	14 51.23	−35 19.2	1.885	2.832	9.0	19.8
6 10	14 44.48	−33 11.4	1.925	2.823	11.7	20.0

11038 1989 EE_1 5 10.7 16.°80 4.°6/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.93	−24 46.0	1.137	1.960	21.9	16.7
4 11	15 36.80	−25 44.1	1.069	1.963	18.0	16.4
4 21	15 30.78	−26 29.2	1.018	1.968	13.3	16.2
5 1	15 21.57	−26 57.3	0.986	1.973	8.2	15.9
5 11	15 10.61	−27 6.5	0.976	1.980	4.7	15.7
5 21	14 59.70	−26 58.5	0.989	1.987	6.9	15.9
5 31	14 50.68	−26 39.2	1.025	1.996	11.7	16.2
6 10	14 44.83	−26 16.9	1.080	2.005	16.4	16.5

147480 2004 CA_{35} 5 10.7 252.°29 4.°8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.35	− 7 0.7	2.023	2.825	14.3	20.5
4 11	15 35.99	− 6 16.8	1.916	2.803	11.6	20.3
4 21	15 29.23	− 5 30.8	1.832	2.780	8.4	20.0
5 1	15 20.51	− 4 47.0	1.772	2.756	5.6	19.8
5 11	15 10.65	− 4 10.3	1.740	2.732	5.0	19.7
5 21	15 0.61	− 3 45.2	1.735	2.706	7.6	19.8
5 31	14 51.41	− 3 35.2	1.757	2.680	11.1	20.0
6 10	14 43.93	− 3 41.9	1.802	2.653	14.5	20.1

29885 1999 GN_{31} 5 10.7 357.°84 0.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.88	−18 5.8	2.150	2.947	13.8	18.8
4 11	15 32.20	−17 56.2	2.061	2.946	10.9	18.6
4 21	15 26.39	−17 39.6	1.993	2.946	7.5	18.4
5 1	15 18.96	−17 17.2	1.951	2.946	3.8	18.2
5 11	15 10.70	−16 51.5	1.936	2.946	0.4	17.9
5 21	15 2.49	−16 25.4	1.949	2.946	4.2	18.2
5 31	14 55.19	−16 2.3	1.989	2.946	7.9	18.4
6 10	14 49.51	−15 45.4	2.054	2.946	11.3	18.6

222656 2001 XZ_{187} 5 10.7 179.°33 1.°8/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.63	−14 14.4	2.414	3.204	12.6	21.4
4 11	15 34.01	−13 43.4	2.323	3.206	10.0	21.2
4 21	15 27.44	−13 7.3	2.255	3.207	6.9	21.0
5 1	15 19.43	−12 28.4	2.214	3.208	3.6	20.8
5 11	15 10.70	−11 49.8	2.201	3.208	1.9	20.7
5 21	15 2.03	−11 14.8	2.218	3.207	4.7	20.9
5 31	14 54.21	−10 46.7	2.263	3.205	8.0	21.1
6 10	14 47.88	−10 28.0	2.333	3.203	11.0	21.3

331327 2011 YZ_{44} 5 10.7 194.°11 2.°9/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.14	−12 38.1	1.812	2.619	15.6	22.0
4 11	15 35.91	−12 1.1	1.725	2.617	12.3	21.8
4 21	15 29.14	−11 18.6	1.660	2.615	8.6	21.6
5 1	15 20.41	−10 34.0	1.619	2.613	4.7	21.3
5 11	15 10.66	− 9 51.7	1.605	2.609	3.1	21.2
5 21	15 0.96	− 9 16.4	1.619	2.606	6.3	21.4
5 31	14 52.39	− 8 52.2	1.659	2.601	10.3	21.6
6 10	14 45.77	− 8 41.8	1.721	2.597	14.0	21.8

479165 2013 CY_{24} 5 10.7 235.°92 4.°0/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.54	− 7 6.2	2.562	3.366	11.6	21.4
4 11	15 29.90	− 6 17.0	2.471	3.359	9.2	21.2
4 21	15 24.57	− 5 26.6	2.404	3.353	6.7	21.0
5 1	15 17.98	− 4 38.5	2.363	3.346	4.5	20.9
5 11	15 10.75	− 3 56.6	2.350	3.339	4.2	20.8
5 21	15 3.54	− 3 24.4	2.365	3.332	6.1	21.0
5 31	14 57.03	− 3 4.3	2.407	3.325	8.7	21.1
6 10	14 51.79	− 2 57.7	2.472	3.317	11.3	21.3

11284 Belenus 5 10.7 64.°67 2.°8/11.8 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	16 0.08	−24 58.3	0.704	1.539	30.6	19.7
4 11	15 53.59	−24 59.2	0.683	1.585	24.2	19.5
4 21	15 41.77	−24 36.0	0.675	1.632	16.9	19.3
5 1	15 26.47	−23 48.1	0.684	1.678	9.1	19.1
5 11	15 10.49	−22 41.7	0.714	1.723	2.8	18.9
5 21	14 56.48	−21 28.6	0.765	1.766	7.4	19.4
5 31	14 46.27	−20 22.0	0.838	1.809	13.6	19.9
6 10	14 40.54	−19 31.3	0.929	1.850	18.7	20.3

280376 2003 UF_{46} 5 10.7 166.°66 2.°7/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.81	−12 45.0	2.444	3.241	12.3	21.5
4 11	15 31.71	−11 46.5	2.358	3.245	9.7	21.4
4 21	15 25.80	−10 42.8	2.296	3.249	6.7	21.2
5 1	15 18.58	− 9 37.2	2.260	3.252	3.8	21.0
5 11	15 10.73	− 8 34.0	2.254	3.255	2.9	20.9
5 21	15 2.99	− 7 37.5	2.276	3.257	5.3	21.1
5 31	14 56.08	− 6 51.4	2.327	3.259	8.3	21.3
6 10	14 50.55	− 6 18.1	2.401	3.260	11.1	21.5

25124 Zahramaarouf 5 10.7 204.°14 2.°2/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.59	−13 9.5	2.287	3.086	13.0	19.6
4 11	15 32.56	−12 39.8	2.195	3.083	10.2	19.4
4 21	15 26.54	−12 5.6	2.126	3.080	7.1	19.2
5 1	15 19.02	−11 29.4	2.083	3.076	3.8	19.0
5 11	15 10.72	−10 54.5	2.067	3.072	2.3	18.9
5 21	15 2.46	−10 24.3	2.081	3.068	5.0	19.0
5 31	14 55.04	−10 2.0	2.121	3.064	8.4	19.2
6 10	14 49.12	− 9 49.9	2.186	3.059	11.5	19.4

308860 2006 SJ_{1} 5 10.7 121.°76 0.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.27	−19 16.2	2.595	3.377	12.1	21.5
4 11	15 31.98	−18 57.5	2.513	3.390	9.5	21.4
4 21	15 25.94	−18 31.9	2.454	3.403	6.6	21.2
5 1	15 18.63	−18 0.6	2.421	3.415	3.3	21.0
5 11	15 10.74	−17 26.0	2.417	3.427	0.2	20.7
5 21	15 2.97	−16 50.8	2.442	3.438	3.5	21.1
5 31	14 56.03	−16 18.2	2.496	3.450	6.7	21.3
6 10	14 50.46	−15 51.1	2.575	3.461	9.5	21.5

139253 2001 HR_{39} 5 10.7 248.°88 0.°3/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.86	−18 43.3	1.801	2.598	16.0	20.2
4 11	15 36.82	−18 51.3	1.702	2.587	12.9	20.0
4 21	15 30.03	−18 52.2	1.624	2.576	9.0	19.7
5 1	15 20.99	−18 46.0	1.570	2.564	4.7	19.4
5 11	15 10.66	−18 34.1	1.542	2.552	0.3	19.1
5 21	15 0.19	−18 19.1	1.542	2.540	4.9	19.4
5 31	14 50.79	−18 4.7	1.568	2.528	9.4	19.6
6 10	14 43.45	−17 55.1	1.618	2.515	13.5	19.8

447829 2007 TV_{373} 5 10.7 229.°18 0.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.67	−19 13.8	4.043	4.813	8.3	22.3
4 11	15 27.86	−19 4.3	3.931	4.802	6.5	22.2
4 21	15 22.89	−18 50.4	3.844	4.790	4.5	22.0
5 1	15 17.07	−18 32.7	3.785	4.778	2.3	21.8
5 11	15 10.80	−18 12.4	3.755	4.765	0.1	21.6
5 21	15 4.52	−17 51.0	3.756	4.752	2.4	21.8
5 31	14 58.66	−17 30.3	3.786	4.739	4.7	22.0
6 10	14 53.61	−17 12.1	3.844	4.726	6.8	22.1

386960 2011 SL_{222} 5 10.7 321.°12 3.°6/12.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.26	−28 11.1	1.976	2.753	15.5	20.6
4 11	15 32.30	−28 26.7	1.876	2.741	12.8	20.4
4 21	15 26.82	−28 29.1	1.796	2.730	9.6	20.2
5 1	15 19.34	−28 16.8	1.739	2.719	6.2	20.0
5 11	15 10.73	−27 49.8	1.708	2.708	3.7	19.8
5 21	15 2.03	−27 10.6	1.703	2.698	5.0	19.8
5 31	14 54.35	−26 23.9	1.725	2.688	8.4	20.0
6 10	14 48.57	−25 35.7	1.770	2.679	11.9	20.2

267366 2001 XX_{76} 5 10.7 183.°45 1.°8/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.99	−14 12.5	2.203	2.998	13.5	21.8
4 11	15 34.53	−13 47.4	2.113	2.998	10.7	21.6
4 21	15 27.93	−13 17.1	2.045	2.998	7.4	21.4
5 1	15 19.74	−12 44.1	2.004	2.998	3.8	21.1
5 11	15 10.73	−12 11.2	1.990	2.997	1.9	21.0
5 21	15 1.77	−11 42.0	2.005	2.995	4.9	21.2
5 31	14 53.73	−11 19.7	2.048	2.993	8.5	21.4
6 10	14 47.32	−11 7.0	2.115	2.990	11.7	21.6

499416 2010 CE_{56} 5 10.7 58.°37 3.°1/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.91	−28 18.2	1.770	2.549	16.9	20.6
4 11	15 34.27	−28 10.0	1.700	2.568	13.8	20.4
4 21	15 27.98	−27 45.5	1.650	2.587	10.1	20.2
5 1	15 19.78	−27 4.4	1.623	2.606	6.2	20.0
5 11	15 10.73	−26 9.1	1.622	2.626	3.2	19.9
5 21	15 1.99	−25 4.5	1.648	2.645	4.7	20.0
5 31	14 54.61	−23 56.9	1.700	2.665	8.4	20.3
6 10	14 49.34	−22 53.3	1.776	2.685	11.9	20.5

410387 2007 VC_{287} 5 10.7 167.°27 3.°3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.37	−10 45.0	1.745	2.553	16.0	21.2
4 11	15 36.94	−10 22.2	1.664	2.556	12.7	21.0
4 21	15 29.88	− 9 56.8	1.604	2.559	8.9	20.8
5 1	15 20.80	− 9 31.8	1.568	2.561	5.0	20.5
5 11	15 10.70	− 9 11.2	1.560	2.563	3.4	20.4
5 21	15 0.69	− 8 58.6	1.578	2.564	6.5	20.6
5 31	14 51.87	− 8 56.9	1.622	2.565	10.5	20.9
6 10	14 45.10	− 9 7.8	1.689	2.565	14.1	21.1

462831 2010 TQ_{31} 5 10.7 69.°07 3.°5/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.71	−25 26.7	1.530	2.323	18.6	21.3
4 11	15 37.89	−25 58.3	1.456	2.332	15.2	21.1
4 21	15 30.90	−26 17.1	1.400	2.342	11.1	20.9
5 1	15 21.43	−26 20.7	1.366	2.352	6.7	20.6
5 11	15 10.68	−26 9.2	1.358	2.362	3.5	20.5
5 21	15 0.07	−25 45.2	1.375	2.372	5.6	20.6
5 31	14 50.98	−25 14.0	1.417	2.382	9.7	20.9
6 10	14 44.43	−24 42.5	1.482	2.392	13.7	21.1

498330 2007 VB_{213} 5 10.7 247.°73 2.°0/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.28	−15 27.3	1.719	2.528	16.2	22.5
4 11	15 35.60	−14 56.1	1.621	2.515	12.9	22.2
4 21	15 29.19	−14 16.6	1.544	2.501	9.0	21.9
5 1	15 20.57	−13 31.2	1.492	2.487	4.6	21.6
5 11	15 10.71	−12 44.1	1.465	2.473	2.1	21.4
5 21	15 0.74	−12 0.4	1.465	2.458	6.0	21.7
5 31	14 51.86	−11 25.4	1.491	2.442	10.6	21.9
6 10	14 45.05	−11 3.2	1.540	2.427	14.7	22.1

427728 2004 PJ_{12} 5 10.7 279.°72 4.°1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.96	−28 23.8	1.847	2.621	16.5	21.1
4 11	15 35.56	−28 48.2	1.743	2.605	13.7	20.9
4 21	15 29.31	−28 59.3	1.657	2.589	10.4	20.6
5 1	15 20.70	−28 54.5	1.595	2.573	6.8	20.4
5 11	15 10.70	−28 33.2	1.558	2.557	4.2	20.2
5 21	15 0.50	−27 57.2	1.547	2.541	5.5	20.2
5 31	14 51.38	−27 11.3	1.562	2.525	9.2	20.4
6 10	14 44.40	−26 22.4	1.601	2.508	13.1	20.6

97301 1999 XN_{186} 5 10.7 153.°40 1.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.31	−23 5.7	2.360	3.132	13.4	20.6
4 11	15 34.74	−23 10.0	2.270	3.138	10.8	20.4
4 21	15 28.06	−23 5.4	2.203	3.144	7.7	20.3
5 1	15 19.80	−22 51.8	2.161	3.150	4.3	20.0
5 11	15 10.74	−22 30.3	2.147	3.155	1.5	19.9
5 21	15 1.75	−22 3.3	2.162	3.159	3.8	20.0
5 31	14 53.69	−21 34.3	2.205	3.164	7.2	20.2
6 10	14 47.24	−21 7.2	2.273	3.167	10.3	20.4

409233 2004 BG_{61} 5 10.7 157.°23 0.°1/10.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.04	−19 31.7	2.088	2.873	14.5	22.7
4 11	15 36.26	−19 12.2	2.003	2.881	11.5	22.5
4 21	15 29.17	−18 43.9	1.939	2.888	8.0	22.3
5 1	15 20.37	−18 8.0	1.901	2.895	4.0	22.1
5 11	15 10.72	−17 27.2	1.891	2.901	0.2	21.8
5 21	15 1.21	−16 45.1	1.910	2.906	4.3	22.1
5 31	14 52.76	−16 6.2	1.956	2.911	8.2	22.3
6 10	14 46.13	−15 34.5	2.027	2.914	11.7	22.6

138131 2000 ES_{20} 5 10.7 142.°12 7.°5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.30	+ 2 6.6	2.348	3.138	13.0	21.2
4 11	15 34.34	+ 3 46.8	2.287	3.154	10.7	21.1
4 21	15 27.53	+ 5 22.6	2.250	3.169	8.7	21.0
5 1	15 19.43	+ 6 47.6	2.240	3.183	7.6	20.9
5 11	15 10.76	+ 7 55.8	2.257	3.197	7.9	21.0
5 21	15 2.29	+ 8 43.5	2.301	3.209	9.4	21.1
5 31	14 54.76	+ 9 8.7	2.370	3.220	11.5	21.2
6 10	14 48.71	+ 9 12.4	2.461	3.231	13.5	21.4

438043 2004 LW_{5} 5 10.7 63.°69 22.°1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 47.73	+24 41.8	1.073	1.849	25.8	20.9
4 11	15 43.17	+26 27.4	1.042	1.858	24.2	20.8
4 21	15 34.62	+27 36.7	1.025	1.867	22.8	20.7
5 1	15 23.19	+27 55.3	1.021	1.877	22.2	20.7
5 11	15 10.64	+27 14.8	1.033	1.886	22.3	20.7
5 21	14 58.82	+25 35.8	1.060	1.896	23.2	20.8
5 31	14 49.30	+23 6.3	1.103	1.906	24.6	21.0
6 10	14 43.03	+19 59.6	1.159	1.917	26.2	21.1

388 Charybdis 5 10.7 270.°87 2.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.32	−26 13.7	2.263	3.033	14.0	13.6
4 11	15 33.49	−26 30.6	2.164	3.027	11.4	13.4
4 21	15 27.41	−26 37.2	2.085	3.020	8.4	13.2
5 1	15 19.56	−26 32.3	2.031	3.014	5.2	13.0
5 11	15 10.75	−26 16.3	2.004	3.007	2.8	12.8
5 21	15 1.89	−25 51.1	2.005	3.001	4.3	12.9
5 31	14 53.92	−25 20.2	2.033	2.994	7.5	13.1
6 10	14 47.63	−24 48.2	2.086	2.988	10.7	13.3

187451 2005 WO_{165} 5 10.7 333.°30 1.°1/ 9.9 18

4 1	15 33.58	−15 50.7	2.003	2.813	14.2	20.1
4 11	15 30.64	−15 37.9	1.909	2.803	11.2	19.8
4 21	15 25.48	−15 19.2	1.836	2.793	7.8	19.6
5 1	15 18.60	−14 56.3	1.788	2.784	3.9	19.3
5 11	15 10.78	−14 32.1	1.766	2.775	1.2	19.1
5 21	15 2.93	−14 9.8	1.771	2.767	4.8	19.4
5 31	14 55.98	−13 52.8	1.803	2.759	8.7	19.6
6 10	14 50.69	−13 44.1	1.858	2.752	12.2	19.8

169402 2001 WE_{67} 5 10.7 115.°34 0.°0/10.7 17

4 1	15 36.10	−18 54.8	2.295	3.086	13.2	20.9
4 11	15 32.21	−18 44.7	2.208	3.090	10.5	20.7
4 21	15 26.32	−18 27.6	2.142	3.093	7.2	20.5
5 1	15 18.92	−18 4.4	2.103	3.097	3.6	20.3
5 11	15 10.78	−17 37.4	2.091	3.101	0.1	20.0
5 21	15 2.70	−17 9.4	2.107	3.104	3.9	20.3
5 31	14 55.50	−16 43.7	2.151	3.108	7.4	20.6
6 10	14 49.84	−16 23.5	2.220	3.111	10.6	20.8

266306 2007 CD_{12} 5 10.7 0.°03 3.°8/12.6 17

4 1	15 34.06	−26 9.2	1.326	2.141	19.8	20.2
4 11	15 32.41	−26 34.3	1.249	2.139	16.2	19.9
4 21	15 27.45	−26 43.7	1.189	2.137	12.0	19.6
5 1	15 19.82	−26 35.2	1.149	2.136	7.4	19.4
5 11	15 10.74	−26 9.5	1.133	2.137	3.9	19.2
5 21	15 1.69	−25 30.2	1.140	2.139	6.0	19.3
5 31	14 54.16	−24 44.0	1.170	2.141	10.5	19.6
6 10	14 49.26	−23 59.0	1.221	2.145	14.9	19.8

59347 1999 CX_{137} 5 10.7 130.°64 1.°5/ 9.9 18

4 1	15 41.01	−16 27.6	1.592	2.401	17.3	19.7
4 11	15 36.90	−16 0.1	1.516	2.409	13.7	19.5
4 21	15 29.95	−15 24.0	1.461	2.418	9.4	19.3
5 1	15 20.86	−14 42.0	1.430	2.426	4.7	19.0
5 11	15 10.72	−13 58.2	1.424	2.433	1.6	18.8
5 21	15 0.77	−13 17.6	1.446	2.440	5.8	19.1
5 31	14 52.19	−12 45.3	1.493	2.447	10.3	19.4
6 10	14 45.87	−12 25.2	1.562	2.453	14.3	19.6

64886 2001 YO_{73} 5 10.7 85.°83 0.°2/10.8 18

4 1	15 35.91	−19 46.0	2.338	3.126	13.1	20.0
4 11	15 31.97	−19 35.1	2.256	3.136	10.3	19.8
4 21	15 26.08	−19 16.6	2.197	3.147	7.2	19.6
5 1	15 18.77	−18 51.7	2.164	3.157	3.6	19.4
5 11	15 10.79	−18 22.5	2.158	3.168	0.2	19.1
5 21	15 2.92	−17 51.9	2.181	3.178	3.7	19.5
5 31	14 55.95	−17 23.3	2.231	3.189	7.2	19.7
6 10	14 50.49	−16 59.8	2.307	3.199	10.2	19.9

3490 Šolc 5 10.7 138.°64 3.°4/12.6 18

4 1	15 42.66	−27 3.6	1.829	2.601	16.7	17.7
4 11	15 38.15	−27 22.7	1.746	2.609	13.7	17.5
4 21	15 30.83	−27 28.5	1.682	2.617	10.1	17.3
5 1	15 21.32	−27 19.4	1.643	2.624	6.3	17.1
5 11	15 10.70	−26 55.5	1.629	2.631	3.5	16.9
5 21	15 0.20	−26 19.7	1.643	2.638	5.1	17.0
5 31	14 51.00	−25 37.1	1.683	2.644	8.8	17.2
6 10	14 44.02	−24 54.1	1.747	2.650	12.4	17.5

89373 2001 VO_{87} 5 10.7 328.°78 1.°2/ 9.9 17

4 1	15 34.07	−16 38.7	2.037	2.844	14.1	19.8
4 11	15 30.92	−16 12.7	1.946	2.838	11.1	19.6
4 21	15 25.61	−15 39.3	1.877	2.833	7.7	19.4
5 1	15 18.63	−15 0.8	1.833	2.829	3.9	19.1
5 11	15 10.79	−14 20.4	1.815	2.824	1.3	18.9
5 21	15 2.97	−13 42.0	1.825	2.820	4.8	19.2
5 31	14 56.08	−13 9.7	1.861	2.816	8.6	19.4
6 10	14 50.83	−12 46.9	1.921	2.812	12.1	19.6

141775 2002 NR_8 5 10.7 264.°99 0.°6/10.3 18

4 1	15 38.44	−18 50.7	1.773	2.575	16.0	20.6
4 11	15 34.99	−18 24.0	1.667	2.556	12.9	20.3
4 21	15 28.82	−17 46.2	1.582	2.537	9.0	20.0
5 1	15 20.43	−16 58.9	1.521	2.516	4.5	19.7
5 11	15 10.74	−16 5.2	1.486	2.496	0.7	19.4
5 21	15 0.87	−15 10.3	1.478	2.475	5.3	19.7
5 31	14 52.03	−14 20.0	1.497	2.454	10.0	19.9
6 10	14 45.22	−13 40.0	1.538	2.432	14.3	20.1

350469 1998 TO_{36} 5 10.7 283.°23 1.°6/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.39	−17 0.8	2.140	2.937	13.8	21.5
4 11	15 32.90	−16 16.5	2.018	2.906	11.0	21.2
4 21	15 27.13	−15 22.1	1.919	2.873	7.7	21.0
5 1	15 19.51	−14 19.5	1.845	2.841	3.9	20.7
5 11	15 10.77	−13 12.7	1.800	2.807	1.7	20.4
5 21	15 1.81	−12 6.7	1.782	2.774	5.2	20.6
5 31	14 53.61	−11 7.0	1.792	2.739	9.3	20.8
6 10	14 47.01	−10 18.5	1.825	2.705	13.1	20.9

389208 2009 DO_{24} 5 10.7 322.°10 6.°1/ 6.0 18

4 1	15 33.09	− 3 56.5	2.014	2.831	13.8	20.7
4 11	15 30.05	− 2 49.1	1.932	2.824	11.2	20.5
4 21	15 24.94	− 1 41.8	1.872	2.818	8.4	20.3
5 1	15 18.28	− 0 40.3	1.837	2.812	6.4	20.2
5 11	15 10.81	+ 0 9.7	1.829	2.806	6.4	20.1
5 21	15 3.40	+ 0 43.6	1.846	2.801	8.5	20.3
5 31	14 56.87	+ 0 58.5	1.888	2.796	11.3	20.4
6 10	14 51.91	+ 0 53.9	1.951	2.791	14.1	20.6

506998 2008 SQ_{308} 5 10.7 251.°30 5.°4/ 7.2 18

4 1	15 39.25	− 2 56.4	2.256	3.053	13.2	22.1
4 11	15 34.78	− 2 21.7	2.155	3.035	10.7	21.9
4 21	15 28.19	− 1 48.9	2.076	3.016	8.1	21.7
5 1	15 19.95	− 1 22.4	2.022	2.997	5.9	21.5
5 11	15 10.77	− 1 6.1	1.997	2.978	5.6	21.4
5 21	15 1.48	− 1 3.3	1.998	2.958	7.6	21.5
5 31	14 52.98	− 1 15.8	2.027	2.937	10.5	21.6
6 10	14 45.99	− 1 44.0	2.078	2.916	13.4	21.8

416439 2003 UQ_{351} 5 10.7 253.°42 1.°7/ 9.7 17

4 1	15 39.37	−15 25.6	1.687	2.497	16.4	21.8
4 11	15 35.75	−15 3.8	1.591	2.484	13.1	21.5
4 21	15 29.34	−14 34.5	1.515	2.472	9.1	21.3
5 1	15 20.69	−13 59.8	1.463	2.459	4.7	21.0
5 11	15 10.75	−13 23.6	1.437	2.446	1.9	20.8
5 21	15 0.70	−12 50.2	1.438	2.432	5.9	21.0
5 31	14 51.77	−12 24.5	1.465	2.418	10.5	21.2
6 10	14 44.94	−12 10.3	1.514	2.404	14.7	21.4

310077 2010 KC_{107} 5 10.7 260.°48 0.°2/10.5 17

4 1	15 34.82	−18 31.7	2.442	3.232	12.5	21.5
4 11	15 31.16	−18 17.3	2.344	3.226	9.9	21.3
4 21	15 25.59	−17 56.0	2.268	3.220	6.9	21.1
5 1	15 18.59	−17 29.0	2.219	3.213	3.5	20.9
5 11	15 10.82	−16 58.6	2.197	3.207	0.3	20.6
5 21	15 3.05	−16 27.5	2.204	3.201	3.8	20.9
5 31	14 56.06	−15 59.1	2.238	3.194	7.3	21.1
6 10	14 50.47	−15 36.4	2.298	3.187	10.4	21.3

319459 2006 MA_6 5 10.7 297.°87 0.°3/10.9 17

4 1	15 36.54	−20 23.3	1.453	2.270	18.2	20.8
4 11	15 34.25	−20 13.8	1.350	2.247	14.8	20.5
4 21	15 28.78	−19 51.8	1.267	2.224	10.5	20.2
5 1	15 20.61	−19 17.5	1.205	2.200	5.5	19.9
5 11	15 10.76	−18 33.5	1.167	2.177	0.4	19.4
5 21	15 0.59	−17 44.5	1.155	2.154	5.8	19.7
5 31	14 51.61	−16 57.5	1.166	2.132	11.3	20.0
6 10	14 45.05	−16 19.4	1.199	2.109	16.2	20.2

182213 2000 WU_{122} 5 10.7 195.°66 0.°1/10.6 16

4 1	15 42.09	−18 44.7	2.012	2.799	14.9	21.2
4 11	15 37.35	−18 35.3	1.917	2.796	11.9	21.0
4 21	15 30.13	−18 17.9	1.843	2.793	8.3	20.7
5 1	15 20.97	−17 53.2	1.795	2.789	4.2	20.5
5 11	15 10.77	−17 23.6	1.775	2.785	0.2	20.1
5 21	15 0.57	−16 52.1	1.783	2.779	4.6	20.5
5 31	14 51.41	−16 23.1	1.818	2.773	8.7	20.7
6 10	14 44.14	−16 0.5	1.878	2.766	12.4	20.9

206016 2002 PR_{153} 5 10.7 249.°56 4.°4/ 7.5 18

4 1	15 36.34	− 6 35.5	2.278	3.081	12.9	20.8
4 11	15 32.44	− 5 52.0	2.180	3.068	10.3	20.6
4 21	15 26.54	− 5 7.4	2.106	3.054	7.5	20.4
5 1	15 19.10	− 4 25.7	2.057	3.040	5.1	20.2
5 11	15 10.83	− 3 51.1	2.035	3.025	4.6	20.1
5 21	15 2.51	− 3 27.3	2.042	3.010	6.8	20.3
5 31	14 54.97	− 3 16.9	2.074	2.995	9.8	20.4
6 10	14 48.89	− 3 21.3	2.130	2.979	12.7	20.6

409832 2006 QQ_{32} 5 10.7 270.°88 1.°3/12.1 17

4 1	15 32.69	−24 40.1	3.537	4.296	9.6	21.2
4 11	15 28.98	−24 35.0	3.415	4.274	7.7	21.1
4 21	15 23.85	−24 22.4	3.316	4.252	5.6	20.9
5 1	15 17.66	−24 2.7	3.244	4.230	3.2	20.7
5 11	15 10.87	−23 36.7	3.201	4.207	1.4	20.5
5 21	15 4.03	−23 5.9	3.188	4.185	2.8	20.6
5 31	14 57.66	−22 32.9	3.204	4.162	5.2	20.8
6 10	14 52.28	−22 0.2	3.247	4.139	7.6	20.9

428038 2006 DL_{34} 5 10.7 63.°55 5.°2/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.80	−30 17.6	1.812	2.576	17.2	20.9
4 11	15 37.62	−31 4.6	1.737	2.590	14.3	20.7
4 21	15 30.54	−31 37.6	1.681	2.603	10.9	20.5
5 1	15 21.23	−31 53.3	1.648	2.617	7.6	20.3
5 11	15 10.77	−31 50.5	1.640	2.631	5.3	20.2
5 21	15 0.44	−31 30.9	1.658	2.646	6.1	20.3
5 31	14 51.47	−30 59.2	1.703	2.660	9.0	20.5
6 10	14 44.79	−30 21.9	1.771	2.674	12.2	20.7

388681 2007 UX_{56} 5 10.7 98.°40 0.°3/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.81	−18 3.2	2.140	2.935	13.9	21.9
4 11	15 32.95	−17 55.0	2.053	2.938	11.0	21.7
4 21	15 26.94	−17 40.0	1.988	2.941	7.6	21.5
5 1	15 19.30	−17 19.4	1.949	2.944	3.8	21.2
5 11	15 10.84	−16 55.4	1.937	2.947	0.3	21.0
5 21	15 2.45	−16 31.0	1.953	2.950	4.2	21.3
5 31	14 55.00	−16 9.5	1.996	2.953	7.9	21.5
6 10	14 49.20	−15 54.0	2.063	2.955	11.3	21.7

192328 1994 WW_5 5 10.7 215.°03 0.°4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.92	−18 31.7	2.202	2.994	13.6	21.4
4 11	15 33.03	−18 10.8	2.107	2.990	10.8	21.2
4 21	15 27.00	−17 42.0	2.034	2.986	7.5	21.0
5 1	15 19.35	−17 6.6	1.986	2.981	3.8	20.7
5 11	15 10.84	−16 27.4	1.966	2.976	0.5	20.4
5 21	15 2.36	−15 47.8	1.975	2.971	4.2	20.7
5 31	14 54.77	−15 11.9	2.011	2.966	8.0	20.9
6 10	14 48.79	−14 43.3	2.071	2.960	11.4	21.1

176038 2000 SG_{213} 5 10.7 163.°65 4.°3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.38	− 4 32.0	2.782	3.579	11.0	20.8
4 11	15 30.35	− 3 44.1	2.701	3.583	8.8	20.6
4 21	15 24.78	− 2 56.8	2.644	3.587	6.5	20.5
5 1	15 18.10	− 2 13.8	2.614	3.590	4.7	20.4
5 11	15 10.89	− 1 38.5	2.613	3.593	4.5	20.4
5 21	15 3.75	− 1 13.7	2.639	3.596	6.1	20.5
5 31	14 57.29	− 1 1.3	2.692	3.598	8.4	20.6
6 10	14 52.01	− 1 2.0	2.770	3.600	10.6	20.8

470659 2008 SM_{165} 5 10.7 309.°93 6.°9/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.16	− 7 40.7	1.546	2.382	16.4	21.1
4 11	15 30.30	− 6 4.4	1.445	2.351	13.3	20.8
4 21	15 25.76	− 4 19.0	1.364	2.321	9.9	20.5
5 1	15 18.98	− 2 31.9	1.307	2.291	7.3	20.3
5 11	15 10.85	− 0 52.9	1.275	2.261	7.5	20.2
5 21	15 2.49	+ 0 28.6	1.268	2.231	10.6	20.3
5 31	14 55.11	+ 1 24.7	1.283	2.202	14.6	20.5
6 10	14 49.74	+ 1 52.1	1.317	2.173	18.6	20.6

174564 2003 GE_{16} 5 10.7 31.°94 0.°8/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.45	−19 29.2	2.169	2.957	13.9	19.7
4 11	15 34.30	−19 50.6	2.081	2.960	11.1	19.5
4 21	15 27.91	−20 6.1	2.014	2.962	7.8	19.3
5 1	15 19.82	−20 15.6	1.973	2.965	4.1	19.1
5 11	15 10.83	−20 19.7	1.959	2.969	0.8	18.9
5 21	15 1.85	−20 19.9	1.974	2.972	4.0	19.1
5 31	14 53.80	−20 18.9	2.016	2.975	7.7	19.3
6 10	14 47.43	−20 19.5	2.082	2.979	11.0	19.5

71127 1999 XX_{175} 5 10.7 258.°82 0.°0/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.44	−17 43.2	2.206	2.994	13.7	18.5
4 11	15 35.19	−17 50.3	2.098	2.978	11.0	18.3
4 21	15 28.65	−17 52.1	2.012	2.962	7.7	18.0
5 1	15 20.27	−17 48.9	1.951	2.945	3.9	17.8
5 11	15 10.82	−17 42.0	1.919	2.929	0.1	17.4
5 21	15 1.21	−17 33.2	1.914	2.912	4.2	17.7
5 31	14 52.42	−17 25.6	1.938	2.894	8.2	17.9
6 10	14 45.26	−17 22.0	1.986	2.877	11.7	18.1

344466 2002 OF_7 5 10.7 286.°53 0.°4/10.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.66	−19 47.0	2.044	2.841	14.4	21.6
4 11	15 32.45	−19 15.4	1.929	2.815	11.5	21.4
4 21	15 26.89	−18 32.7	1.836	2.789	8.1	21.1
5 1	15 19.42	−17 40.1	1.767	2.763	4.1	20.8
5 11	15 10.84	−16 40.8	1.726	2.736	0.5	20.5
5 21	15 2.09	−15 39.3	1.713	2.709	4.7	20.7
5 31	14 54.18	−14 41.2	1.726	2.682	9.0	20.9
6 10	14 47.97	−13 51.8	1.763	2.655	12.9	21.1

140682 2001 UA_{54} 5 10.7 186.°84 3.°0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.76	−10 10.4	2.551	3.350	11.8	20.6
4 11	15 30.88	− 9 29.0	2.462	3.350	9.3	20.4
4 21	15 25.27	− 8 44.8	2.397	3.349	6.5	20.2
5 1	15 18.39	− 8 1.1	2.359	3.349	3.9	20.0
5 11	15 10.88	− 7 21.2	2.349	3.347	3.2	20.0
5 21	15 3.43	− 6 48.4	2.368	3.346	5.3	20.1
5 31	14 56.72	− 6 25.4	2.414	3.344	8.1	20.3
6 10	14 51.31	− 6 13.9	2.484	3.342	10.8	20.5

174491 2003 BB_{12} 5 10.7 101.°36 5.°0/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.89	−34 0.4	2.364	3.098	14.4	20.0
4 11	15 34.71	−34 26.2	2.276	3.106	12.1	19.9
4 21	15 28.21	−34 37.7	2.209	3.114	9.6	19.7
5 1	15 19.97	−34 32.6	2.165	3.121	7.0	19.6
5 11	15 10.84	−34 10.6	2.147	3.129	5.2	19.5
5 21	15 1.79	−33 33.5	2.156	3.136	5.5	19.5
5 31	14 53.77	−32 45.3	2.192	3.144	7.6	19.6
6 10	14 47.54	−31 51.7	2.253	3.151	10.2	19.8

227310 2005 TN_{29} 5 10.7 223.°84 2.°1/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.96	−16 43.5	2.039	2.840	14.3	21.4
4 11	15 33.19	−15 39.1	1.943	2.832	11.3	21.2
4 21	15 27.18	−14 24.1	1.869	2.825	7.8	21.0
5 1	15 19.46	−13 1.9	1.821	2.816	4.0	20.7
5 11	15 10.86	−11 37.8	1.802	2.808	2.2	20.6
5 21	15 2.30	−10 17.8	1.810	2.799	5.5	20.8
5 31	14 54.70	− 9 8.1	1.846	2.789	9.4	21.0
6 10	14 48.82	− 8 12.9	1.906	2.779	12.9	21.2

431426 2007 LE_{17} 5 10.7 352.°18 3.°9/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.85	− 7 22.9	1.345	2.177	18.6	19.8
4 11	15 35.90	− 7 43.4	1.266	2.170	14.9	19.5
4 21	15 29.75	− 8 8.5	1.205	2.164	10.6	19.3
5 1	15 21.01	− 8 41.0	1.166	2.160	6.1	19.0
5 11	15 10.81	− 9 23.2	1.152	2.156	4.0	18.8
5 21	15 0.54	−10 15.7	1.162	2.154	7.4	19.0
5 31	14 51.64	−11 18.3	1.196	2.152	12.0	19.3
6 10	14 45.22	−12 29.9	1.251	2.152	16.4	19.5

268930 2007 DT_9 5 10.7 10.°68 18.°8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 51.16	−60 16.9	1.663	2.260	23.9	19.9
4 11	15 49.48	−62 39.5	1.596	2.261	22.8	19.8
4 21	15 41.76	−64 35.1	1.541	2.264	21.6	19.7
5 1	15 28.14	−65 52.0	1.499	2.267	20.4	19.6
5 11	15 10.57	−66 19.9	1.471	2.270	19.5	19.5
5 21	14 52.52	−65 54.2	1.458	2.275	18.9	19.5
5 31	14 37.80	−64 39.0	1.462	2.280	18.9	19.5
6 10	14 28.84	−62 46.5	1.481	2.286	19.4	19.5

207797 2007 TO_{187} 5 10.7 230.°48 3.°4/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.71	− 8 2.4	2.445	3.241	12.3	20.4
4 11	15 33.36	− 7 38.7	2.347	3.231	9.8	20.2
4 21	15 27.10	− 7 14.3	2.272	3.221	7.0	20.0
5 1	15 19.38	− 6 52.1	2.223	3.211	4.3	19.9
5 11	15 10.87	− 6 35.2	2.203	3.200	3.5	19.8
5 21	15 2.33	− 6 26.0	2.211	3.188	5.7	19.9
5 31	14 54.53	− 6 26.8	2.247	3.177	8.7	20.1
6 10	14 48.13	− 6 38.7	2.307	3.164	11.5	20.2

176577 2002 CB_{17} 5 10.7 195.°24 3.°4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.62	−29 44.6	2.646	3.392	12.7	20.9
4 11	15 33.40	−29 59.7	2.546	3.391	10.5	20.7
4 21	15 27.18	−30 3.8	2.468	3.389	8.0	20.6
5 1	15 19.42	−29 55.4	2.415	3.387	5.3	20.4
5 11	15 10.87	−29 34.9	2.390	3.385	3.5	20.3
5 21	15 2.31	−29 3.9	2.392	3.382	4.2	20.3
5 31	14 54.57	−28 25.7	2.423	3.380	6.7	20.5
6 10	14 48.33	−27 44.7	2.480	3.377	9.4	20.6

153110 2000 SB_{66} 5 10.7 174.°38 1.°5/ 9.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.65	−15 58.0	2.008	2.808	14.5	20.4
4 11	15 33.73	−15 29.1	1.921	2.810	11.4	20.2
4 21	15 27.54	−14 53.2	1.856	2.811	7.9	19.9
5 1	15 19.64	−14 12.6	1.816	2.812	4.0	19.7
5 11	15 10.87	−13 30.8	1.804	2.812	1.6	19.5
5 21	15 2.17	−12 51.9	1.819	2.812	5.0	19.8
5 31	14 54.48	−12 19.9	1.862	2.812	8.8	20.0
6 10	14 48.54	−11 58.2	1.928	2.812	12.3	20.2

407724 2011 UQ_{306} 5 10.7 123.°39 2.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.33	−26 18.5	1.801	2.573	16.9	22.1
4 11	15 39.36	−26 25.2	1.725	2.590	13.8	21.9
4 21	15 31.57	−26 18.2	1.669	2.606	10.0	21.7
5 1	15 21.69	−25 56.3	1.637	2.621	5.9	21.5
5 11	15 10.81	−25 20.7	1.631	2.636	2.9	21.4
5 21	15 0.17	−24 35.2	1.653	2.650	4.8	21.5
5 31	14 50.94	−23 45.5	1.702	2.663	8.7	21.8
6 10	14 43.98	−22 57.9	1.775	2.676	12.3	22.0

523715 2014 KU_{101} 5 10.7 50.°02 0.°0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.43	−16 36.8	35.948	36.728	1.0	22.0
4 11	15 13.71	−16 34.1	35.854	36.731	0.8	21.9
4 21	15 12.90	−16 31.0	35.785	36.735	0.5	21.9
5 1	15 12.02	−16 27.8	35.744	36.738	0.3	21.9
5 11	15 11.11	−16 24.4	35.732	36.742	0.0	21.8
5 21	15 10.20	−16 21.1	35.750	36.745	0.3	21.9
5 31	15 9.33	−16 18.0	35.796	36.748	0.6	21.9
6 10	15 8.52	−16 15.2	35.870	36.752	0.8	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
366587	2002 TX_{217}		5 10.7	236.°35	1.°6/11.8	18
	h m	° ′			°	m
4 1	15 40.34	−24 29.0	2.080	2.854	14.9	21.7
4 11	15 36.13	−24 15.0	1.970	2.839	12.1	21.5
4 21	15 29.41	−23 48.4	1.882	2.824	8.7	21.2
5 1	15 20.70	−23 8.8	1.819	2.808	4.9	21.0
5 11	15 10.85	−22 17.8	1.783	2.791	1.6	20.7
5 21	15 0.91	−21 19.2	1.776	2.774	4.3	20.8
5 31	14 51.94	−20 18.3	1.796	2.756	8.4	21.1
6 10	14 44.82	−19 21.3	1.841	2.737	12.2	21.2
422759	2001 TR_{154}		5 10.7	156.°77	1.°3/ 9.8	15
4 1	15 40.74	−14 40.3	2.564	3.345	12.2	22.7
4 11	15 35.53	−14 23.1	2.478	3.355	9.6	22.5
4 21	15 28.44	−14 1.6	2.415	3.365	6.6	22.3
5 1	15 20.00	−13 37.4	2.379	3.373	3.4	22.2
5 11	15 10.90	−13 13.0	2.373	3.381	1.4	22.0
5 21	15 1.90	−12 50.8	2.397	3.388	4.2	22.2
5 31	14 53.75	−12 33.4	2.449	3.394	7.3	22.4
6 10	14 47.05	−12 23.1	2.527	3.399	10.2	22.6
16893	1998 DS_3		5 10.7	123.°51	4.°8/ 6.9	18
4 1	15 34.92	− 5 7.7	2.334	3.139	12.5	17.7
4 11	15 31.10	− 4 14.0	2.258	3.146	10.0	17.5
4 21	15 25.47	− 3 20.7	2.206	3.152	7.4	17.3
5 1	15 18.52	− 2 32.1	2.179	3.158	5.3	17.2
5 11	15 10.96	− 1 52.4	2.180	3.163	5.0	17.2
5 21	15 3.50	− 1 25.1	2.209	3.169	6.9	17.3
5 31	14 56.88	− 1 12.4	2.263	3.175	9.5	17.5
6 10	14 51.66	− 1 14.9	2.341	3.180	12.0	17.7
519543	2012 PB_{45}		5 10.7	314.°50	8.°9/15.8	18
4 1	15 38.30	−38 24.5	1.711	2.452	18.8	20.6
4 11	15 35.82	−39 22.7	1.611	2.437	16.5	20.4
4 21	15 29.99	−40 2.4	1.528	2.421	13.8	20.1
5 1	15 21.30	−40 17.3	1.466	2.406	11.1	19.9
5 11	15 10.87	−40 3.4	1.425	2.391	9.2	19.8
5 21	15 0.18	−39 20.7	1.409	2.377	9.2	19.7
5 31	14 50.83	−38 14.1	1.415	2.363	11.3	19.8
6 10	14 44.13	−36 52.9	1.444	2.350	14.3	20.0
140905	2001 VC_{50}		5 10.7	262.°04	3.°0/13.1	18
4 1	15 36.11	−29 7.4	2.286	3.047	14.1	19.8
4 11	15 32.54	−29 1.3	2.186	3.042	11.6	19.6
4 21	15 26.75	−28 41.4	2.107	3.036	8.7	19.4
5 1	15 19.28	−28 6.9	2.052	3.031	5.5	19.2
5 11	15 10.93	−27 19.0	2.024	3.025	3.1	19.1
5 21	15 2.62	−26 20.9	2.024	3.020	4.3	19.1
5 31	14 55.24	−25 17.3	2.052	3.014	7.4	19.3
6 10	14 49.53	−24 14.0	2.105	3.008	10.6	19.5
359781	2011 UM_{148}		5 10.7	206.°88	0.°2/10.6	17
4 1	15 34.37	−20 13.6	2.517	3.303	12.3	21.2
4 11	15 30.72	−19 39.8	2.422	3.301	9.7	21.1
4 21	15 25.26	−18 57.2	2.349	3.299	6.7	20.9
5 1	15 18.44	−18 7.3	2.303	3.297	3.4	20.6
5 11	15 10.96	−17 13.0	2.285	3.295	0.2	20.3
5 21	15 3.54	−16 17.9	2.296	3.292	3.7	20.6
5 31	14 56.89	−15 26.2	2.335	3.289	7.1	20.8
6 10	14 51.63	−14 41.5	2.399	3.287	10.1	21.0
34437	2000 SF_{43}		5 10.7	328.°21	5.°2/13.3	18
4 1	15 39.25	−29 10.2	1.671	2.449	17.8	18.7
4 11	15 36.11	−29 56.4	1.579	2.443	14.9	18.5
4 21	15 29.89	−30 29.3	1.507	2.437	11.4	18.2
5 1	15 21.12	−30 45.3	1.457	2.431	7.8	18.0
5 11	15 10.88	−30 42.8	1.431	2.426	5.3	17.8
5 21	15 0.50	−30 22.7	1.430	2.421	6.4	17.9
5 31	14 51.39	−29 49.7	1.454	2.416	9.8	18.1
6 10	14 44.68	−29 11.0	1.501	2.412	13.6	18.3
151278	2002 AK_{183}		5 10.7	210.°76	6.°3/15.3	17 R
4 1	15 40.76	−36 26.9	1.973	2.707	16.9	19.5
4 11	15 36.88	−36 45.3	1.878	2.704	14.4	19.3
4 21	15 30.12	−36 44.6	1.800	2.701	11.6	19.1
5 1	15 21.10	−36 21.5	1.745	2.698	8.7	19.0
5 11	15 10.88	−35 34.9	1.715	2.695	6.5	18.8
5 21	15 0.72	−34 27.4	1.711	2.691	6.7	18.8
5 31	14 51.85	−33 5.0	1.733	2.687	9.1	19.0
6 10	14 45.22	−31 36.6	1.780	2.683	12.2	19.1
462247	2008 CP_{136}		5 10.7	332.°25	3.°7/12.6	17
4 1	15 36.00	−26 31.3	1.397	2.204	19.3	21.0
4 11	15 33.95	−26 50.8	1.310	2.195	15.9	20.8
4 21	15 28.61	−26 54.6	1.240	2.186	11.8	20.5
5 1	15 20.54	−26 40.3	1.192	2.178	7.3	20.2
5 11	15 10.90	−26 8.2	1.166	2.171	3.8	20.0
5 21	15 1.17	−25 21.9	1.165	2.164	5.9	20.1
5 31	14 52.87	−24 28.3	1.188	2.158	10.6	20.3
6 10	14 47.19	−23 35.8	1.232	2.153	15.1	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
479781	2014 ER_{38}		5 10.7	306.°43	1.°7/11.6	16
	h m	° ′			°	m
4 1	15 38.12	−21 41.4	2.126	2.911	14.3	20.9
4 11	15 34.30	−22 7.1	2.026	2.901	11.5	20.7
4 21	15 28.12	−22 25.8	1.947	2.892	8.3	20.4
5 1	15 20.06	−22 36.7	1.892	2.882	4.6	20.2
5 11	15 10.92	−22 40.1	1.865	2.873	1.7	20.0
5 21	15 1.66	−22 37.3	1.866	2.864	4.2	20.1
5 31	14 53.29	−22 30.9	1.894	2.855	7.9	20.3
6 10	14 46.64	−22 24.7	1.946	2.846	11.4	20.5
263117	2007 UQ_{47}		5 10.7	233.°91	1.°7/ 9.8	17
4 1	15 41.49	−14 50.9	1.859	2.659	15.5	21.6
4 11	15 37.20	−14 34.3	1.759	2.646	12.4	21.4
4 21	15 30.26	−14 11.6	1.679	2.633	8.6	21.1
5 1	15 21.19	−13 44.8	1.625	2.620	4.4	20.8
5 11	15 10.89	−13 16.8	1.597	2.605	1.8	20.6
5 21	15 0.48	−12 51.4	1.598	2.590	5.5	20.8
5 31	14 51.08	−12 32.7	1.624	2.575	9.9	21.1
6 10	14 43.64	−12 24.0	1.675	2.559	13.8	21.3
465908	2010 VV_{90}		5 10.7	270.°39	0.°3/10.9	17
4 1	15 40.61	−18 53.9	1.730	2.530	16.5	22.1
4 11	15 36.94	−18 58.5	1.623	2.510	13.3	21.8
4 21	15 30.38	−18 55.3	1.537	2.490	9.4	21.5
5 1	15 21.38	−18 44.2	1.474	2.469	4.9	21.2
5 11	15 10.90	−18 26.7	1.438	2.448	0.3	20.8
5 21	15 0.12	−18 5.8	1.428	2.426	5.1	21.1
5 31	14 50.37	−17 45.6	1.444	2.404	10.0	21.3
6 10	14 42.74	−17 31.0	1.483	2.382	14.4	21.6
506012	2015 HG_{59}		5 10.7	82.°66	2.°2/11.9	17
4 1	15 39.99	−23 14.0	2.175	2.950	14.3	20.9
4 11	15 35.66	−23 45.5	2.082	2.951	11.6	20.8
4 21	15 28.98	−24 9.2	2.011	2.951	8.4	20.5
5 1	15 20.46	−24 24.0	1.965	2.951	4.9	20.3
5 11	15 10.93	−24 29.7	1.946	2.951	2.3	20.2
5 21	15 1.36	−24 27.5	1.955	2.951	4.2	20.3
5 31	14 52.74	−24 20.2	1.992	2.952	7.7	20.5
6 10	14 45.88	−24 11.6	2.053	2.952	11.0	20.7
318403	2004 XZ_{166}		5 10.7	5.°01	18.°9/11.2	18
4 1	15 44.31	+20 17.0	0.949	1.758	26.3	18.1
4 11	15 41.08	+20 32.6	0.901	1.756	23.9	17.9
4 21	15 33.64	+20 9.6	0.865	1.757	21.6	17.8
5 1	15 22.98	+18 54.7	0.844	1.761	19.7	17.6
5 11	15 10.86	+16 41.5	0.840	1.767	18.9	17.6
5 21	14 59.24	+13 33.9	0.855	1.775	19.6	17.7
5 31	14 49.87	+ 9 45.0	0.889	1.786	21.6	17.9
6 10	14 43.90	+ 5 32.9	0.942	1.799	24.1	18.1
352058	2006 WG_{36}		5 10.7	139.°46	2.°4/ 8.8	17
4 1	15 35.50	−11 17.3	2.652	3.447	11.5	22.0
4 11	15 31.36	−10 49.3	2.569	3.454	9.0	21.8
4 21	15 25.57	−10 18.9	2.510	3.462	6.3	21.7
5 1	15 18.57	− 9 48.4	2.477	3.469	3.5	21.5
5 11	15 10.99	− 9 20.7	2.473	3.475	2.5	21.4
5 21	15 3.51	− 8 58.3	2.498	3.482	4.6	21.6
5 31	14 56.76	− 8 43.6	2.551	3.488	7.4	21.8
6 10	14 51.29	− 8 38.1	2.629	3.494	10.1	22.0
266596	2008 JB_{13}		5 10.7	283.°36	5.°9/ 7.0	17
4 1	15 36.42	− 6 13.9	1.740	2.560	15.6	20.8
4 11	15 33.27	− 5 16.6	1.645	2.542	12.6	20.6
4 21	15 27.57	− 4 17.0	1.572	2.523	9.3	20.3
5 1	15 19.84	− 3 20.9	1.522	2.505	6.5	20.1
5 11	15 10.95	− 2 34.5	1.498	2.487	6.2	20.0
5 21	15 1.95	− 2 3.5	1.500	2.468	8.8	20.1
5 31	14 53.93	− 1 51.7	1.525	2.450	12.4	20.3
6 10	14 47.80	− 2 0.6	1.572	2.431	15.9	20.5
118109	2445 T_{-3}		5 10.7	189.°03	4.°6/14.1	18
4 1	15 40.60	−33 8.7	2.849	3.570	12.5	20.0
4 11	15 35.77	−33 49.4	2.748	3.569	10.5	19.8
4 21	15 28.86	−34 19.4	2.668	3.568	8.3	19.7
5 1	15 20.35	−34 36.4	2.613	3.566	6.1	19.5
5 11	15 10.95	−34 39.2	2.586	3.565	4.7	19.4
5 21	15 1.47	−34 28.4	2.587	3.563	5.1	19.4
5 31	14 52.77	−34 6.6	2.616	3.560	6.9	19.6
6 10	14 45.57	−33 37.7	2.671	3.558	9.2	19.7
63843	2001 RO_{77}		5 10.7	161.°47	2.°2/ 9.3	18
4 1	15 39.61	−13 0.4	2.204	2.999	13.5	19.4
4 11	15 35.00	−12 35.6	2.120	3.005	10.7	19.2
4 21	15 28.28	−12 6.8	2.058	3.010	7.4	19.0
5 1	15 20.01	−11 36.3	2.021	3.015	3.9	18.8
5 11	15 10.96	−11 7.4	2.014	3.019	2.3	18.7
5 21	15 2.01	−10 43.1	2.034	3.022	5.1	18.9
5 31	14 54.00	−10 26.4	2.082	3.025	8.5	19.1
6 10	14 47.61	−10 19.6	2.155	3.028	11.7	19.3

72101 2000 YB_{51} 5 10.7 173.°98 1.°6/ 9.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.18	−15 25.2	1.996	2.791	14.7	21.0
4 11	15 36.53	−14 56.9	1.909	2.794	11.7	20.7
4 21	15 29.50	−14 21.9	1.844	2.797	8.1	20.5
5 1	15 20.68	−13 42.6	1.804	2.799	4.1	20.3
5 11	15 10.95	−13 2.5	1.793	2.800	1.7	20.1
5 21	15 1.30	−12 25.4	1.809	2.801	5.1	20.4
5 31	14 52.72	−11 55.5	1.853	2.800	9.1	20.6
6 10	14 45.97	−11 36.1	1.920	2.800	12.6	20.8

361568 2007 RL_{93} 5 10.7 306.°29 0.°5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.76	−18 19.2	1.320	2.145	19.3	20.5
4 11	15 36.37	−18 39.5	1.226	2.126	15.7	20.2
4 21	15 30.51	−18 52.7	1.150	2.109	11.1	19.9
5 1	15 21.66	−18 58.3	1.095	2.091	5.8	19.6
5 11	15 10.92	−18 57.3	1.064	2.074	0.5	19.1
5 21	14 59.81	−18 52.3	1.057	2.057	6.0	19.5
5 31	14 50.02	−18 47.5	1.073	2.041	11.7	19.7
6 10	14 42.92	−18 48.2	1.110	2.025	16.8	20.0

137349 1999 TQ_{97} 5 10.7 202.°98 2.°4/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.45	− 8 29.5	3.873	4.664	8.2	20.4
4 11	15 26.92	− 7 55.6	3.778	4.660	6.5	20.2
4 21	15 22.29	− 7 20.8	3.708	4.656	4.6	20.1
5 1	15 16.87	− 6 47.0	3.666	4.652	2.9	20.0
5 11	15 11.06	− 6 16.5	3.654	4.647	2.5	19.9
5 21	15 5.27	− 5 51.2	3.670	4.643	3.9	20.0
5 31	14 59.92	− 5 32.6	3.716	4.638	5.8	20.1
6 10	14 55.37	− 5 22.0	3.787	4.632	7.7	20.3

470117 2006 TW_{122} 5 10.7 173.°76 0.°1/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.56	−18 18.5	2.633	3.416	11.9	22.4
4 11	15 32.35	−18 10.6	2.540	3.417	9.4	22.2
4 21	15 26.36	−17 56.8	2.469	3.419	6.5	22.0
5 1	15 19.02	−17 38.1	2.426	3.420	3.3	21.8
5 11	15 11.01	−17 16.3	2.411	3.421	0.2	21.5
5 21	15 3.03	−16 53.7	2.425	3.421	3.5	21.8
5 31	14 55.81	−16 33.1	2.467	3.421	6.8	22.0
6 10	14 49.92	−16 17.0	2.535	3.421	9.6	22.2

67788 2000 UR_{95} 5 10.7 340.°22 3.°9/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.44	−24 35.0	1.369	2.175	19.7	18.5
4 11	15 37.58	−25 20.5	1.286	2.171	16.2	18.2
4 21	15 31.21	−25 54.8	1.221	2.167	12.0	17.9
5 1	15 21.91	−26 14.5	1.177	2.164	7.3	17.7
5 11	15 10.92	−26 18.4	1.157	2.161	3.9	17.5
5 21	14 59.81	−26 7.9	1.161	2.158	6.2	17.6
5 31	14 50.21	−25 47.8	1.189	2.156	10.9	17.8
6 10	14 43.38	−25 25.4	1.238	2.155	15.4	18.1

164182 2004 BM_{52} 5 10.7 122.°62 1.°4/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.74	−15 31.6	2.230	3.027	13.3	20.8
4 11	15 32.74	−15 8.0	2.148	3.035	10.5	20.6
4 21	15 26.73	−14 38.8	2.088	3.041	7.2	20.4
5 1	15 19.23	−14 6.1	2.053	3.048	3.6	20.2
5 11	15 11.01	−13 32.8	2.047	3.055	1.4	20.1
5 21	15 2.89	−13 2.2	2.068	3.061	4.5	20.3
5 31	14 55.69	−12 37.7	2.117	3.067	8.0	20.5
6 10	14 50.04	−12 21.7	2.191	3.073	11.1	20.7

468425 2000 UD_{34} 5 10.7 140.°61 0.°9/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.52	−18 18.3	2.471	3.253	12.6	22.1
4 11	15 33.85	−17 35.0	2.388	3.267	9.9	21.9
4 21	15 27.31	−16 43.8	2.329	3.280	6.8	21.7
5 1	15 19.46	−15 46.8	2.297	3.292	3.4	21.5
5 11	15 11.01	−14 47.6	2.295	3.304	0.9	21.3
5 21	15 2.72	−13 50.1	2.321	3.315	4.0	21.6
5 31	14 55.34	−12 58.3	2.377	3.325	7.3	21.8
6 10	14 49.44	−12 15.6	2.458	3.335	10.3	22.0

93485 2000 TS_{24} 5 10.7 148.°00 1.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.24	−14 29.4	2.074	2.873	14.1	20.7
4 11	15 34.08	−14 1.0	1.991	2.879	11.1	20.5
4 21	15 27.74	−13 27.0	1.930	2.884	7.7	20.3
5 1	15 19.77	−12 50.0	1.895	2.889	4.0	20.1
5 11	15 11.00	−12 13.5	1.887	2.894	2.0	19.9
5 21	15 2.33	−11 41.0	1.908	2.898	5.1	20.1
5 31	14 54.66	−11 16.1	1.955	2.903	8.7	20.4
6 10	14 48.68	−11 1.6	2.027	2.906	12.0	20.6

37127 2000 VU_{17} 5 10.7 270.°53 1.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.60	−15 42.2	2.469	3.262	12.3	19.4
4 11	15 31.87	−15 23.6	2.359	3.243	9.8	19.2
4 21	15 26.21	−14 59.4	2.271	3.224	6.8	18.9
5 1	15 19.04	−14 31.3	2.210	3.205	3.4	18.7
5 11	15 11.02	−14 1.8	2.177	3.186	1.2	18.5
5 21	15 2.90	−13 33.7	2.173	3.166	4.3	18.7
5 31	14 55.48	−13 10.1	2.196	3.146	7.7	18.8
6 10	14 49.42	−12 54.0	2.244	3.126	10.9	19.0

380923 2006 GL_{20} 5 10.8 99.°80 3.°5/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.20	−11 24.8	2.010	2.820	14.1	21.5
4 11	15 32.42	−10 24.9	1.938	2.831	11.1	21.3
4 21	15 26.53	− 9 20.4	1.887	2.842	7.8	21.1
5 1	15 19.13	− 8 15.6	1.863	2.853	4.6	20.9
5 11	15 11.03	− 7 15.9	1.866	2.864	3.7	20.9
5 21	15 3.11	− 6 25.8	1.896	2.875	6.3	21.1
5 31	14 56.21	− 5 49.2	1.952	2.886	9.6	21.3
6 10	14 50.97	− 5 28.1	2.032	2.896	12.6	21.5

131706 2001 YS_{18} 5 10.8 165.°77 0.°5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.25	−20 51.7	2.131	2.916	14.3	20.8
4 11	15 34.95	−20 39.1	2.042	2.920	11.4	20.6
4 21	15 28.39	−20 17.2	1.975	2.923	8.0	20.4
5 1	15 20.12	−19 46.8	1.933	2.926	4.1	20.1
5 11	15 11.00	−19 10.2	1.918	2.928	0.5	19.8
5 21	15 1.95	−18 30.8	1.932	2.930	4.1	20.1
5 31	14 53.91	−17 52.8	1.974	2.932	7.9	20.4
6 10	14 47.60	−17 20.3	2.040	2.933	11.3	20.6

12098 1998 HV_{122} 5 10.8 249.°28 3.°2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.89	− 8 10.2	2.699	3.494	11.3	18.5
4 11	15 31.81	− 7 43.5	2.595	3.479	9.0	18.3
4 21	15 26.00	− 7 15.8	2.515	3.464	6.4	18.1
5 1	15 18.88	− 6 49.7	2.461	3.448	4.0	17.9
5 11	15 11.04	− 6 28.2	2.436	3.432	3.3	17.8
5 21	15 3.14	− 6 13.9	2.439	3.415	5.3	17.9
5 31	14 55.87	− 6 8.9	2.470	3.398	8.1	18.1
6 10	14 49.83	− 6 14.5	2.526	3.381	10.8	18.2

507821 2014 DJ_{121} 5 10.8 40.°51 4.°8/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.56	−31 27.4	2.163	2.915	15.1	21.1
4 11	15 34.72	−31 59.7	2.073	2.917	12.6	21.0
4 21	15 28.42	−32 18.7	2.004	2.920	9.8	20.8
5 1	15 20.22	−32 22.0	1.957	2.923	6.9	20.6
5 11	15 11.00	−32 8.9	1.937	2.927	4.9	20.5
5 21	15 1.79	−31 41.2	1.944	2.930	5.5	20.5
5 31	14 53.64	−31 2.7	1.977	2.933	8.0	20.7
6 10	14 47.36	−30 19.2	2.035	2.937	10.9	20.9

28665 Theresafultz 5 10.8 249.°45 1.°4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.98	−15 34.4	2.212	3.011	13.4	19.7
4 11	15 32.31	−15 10.1	2.116	3.004	10.6	19.5
4 21	15 26.55	−14 39.8	2.042	2.997	7.3	19.3
5 1	15 19.21	−14 5.4	1.994	2.990	3.7	19.0
5 11	15 11.03	−13 30.0	1.974	2.982	1.5	18.8
5 21	15 2.84	−12 57.0	1.982	2.975	4.6	19.1
5 31	14 55.50	−12 30.0	2.017	2.967	8.3	19.3
6 10	14 49.71	−12 11.9	2.076	2.960	11.6	19.5

23719 1998 HG_{23} 5 10.8 224.°41 1.°0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.36	−16 57.5	1.394	2.212	18.8	19.3
4 11	15 37.91	−16 47.0	1.311	2.209	15.1	19.0
4 21	15 31.18	−16 27.7	1.247	2.206	10.5	18.8
5 1	15 21.80	−16 1.0	1.206	2.202	5.3	18.5
5 11	15 10.96	−15 30.5	1.189	2.198	1.1	18.1
5 21	15 0.11	−15 0.9	1.197	2.195	6.1	18.5
5 31	14 50.72	−14 37.5	1.230	2.190	11.3	18.8
6 10	14 43.89	−14 25.1	1.284	2.186	16.0	19.0

521257 2015 HC_{192} 5 10.8 90.°40 4.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.37	− 9 6.0	2.170	2.980	13.2	21.9
4 11	15 30.89	− 8 9.1	2.091	2.984	10.5	21.7
4 21	15 25.46	− 7 9.3	2.034	2.987	7.4	21.6
5 1	15 18.60	− 6 11.0	2.004	2.991	4.7	21.4
5 11	15 11.05	− 5 19.0	2.000	2.994	4.2	21.4
5 21	15 3.61	− 4 37.3	2.025	2.998	6.5	21.5
5 31	14 57.05	− 4 9.2	2.075	3.001	9.5	21.7
6 10	14 51.98	− 3 56.4	2.148	3.005	12.3	21.9

318626 2005 JU_{164} 5 10.8 358.°17 0.°3/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.82	−20 10.5	1.990	2.787	14.7	21.3
4 11	15 32.46	−19 59.8	1.901	2.787	11.7	21.1
4 21	15 26.79	−19 40.1	1.834	2.786	8.2	20.9
5 1	15 19.37	−19 12.3	1.792	2.786	4.2	20.7
5 11	15 11.03	−18 38.8	1.776	2.786	0.3	20.3
5 21	15 2.75	−18 3.1	1.787	2.786	4.3	20.7
5 31	14 55.46	−17 29.4	1.825	2.786	8.2	20.9
6 10	14 49.92	−17 1.9	1.888	2.787	11.8	21.1

60958 2000 JD_{72} 5 10.8 359.°72 6.°1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.44	− 7 23.4	0.932	1.800	22.0	19.0
4 11	15 31.85	− 7 3.0	0.870	1.796	17.7	18.7
4 21	15 27.50	− 6 44.1	0.825	1.793	12.8	18.4
5 1	15 20.08	− 6 33.2	0.798	1.792	8.0	18.1
5 11	15 11.01	− 6 37.2	0.791	1.792	6.3	18.0
5 21	15 2.03	− 7 0.2	0.804	1.795	10.0	18.2
5 31	14 54.84	− 7 43.7	0.838	1.799	15.0	18.5
6 10	14 50.68	− 8 46.4	0.888	1.805	19.8	18.8

9988 Erictemplebell 5 10.8 125.°14 0.°6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.09	−20 35.4	2.136	2.926	14.1	18.0
4 11	15 33.28	−20 30.6	2.047	2.927	11.2	17.8
4 21	15 27.27	−20 17.3	1.980	2.929	7.9	17.6
5 1	15 19.59	−19 56.2	1.937	2.930	4.1	17.3
5 11	15 11.05	−19 29.3	1.922	2.932	0.6	17.1
5 21	15 2.55	−18 59.4	1.935	2.933	4.0	17.3
5 31	14 55.01	−18 30.3	1.975	2.935	7.8	17.6
6 10	14 49.15	−18 5.9	2.039	2.936	11.2	17.8

410205 2007 RM_{210} 5 10.8 194.°39 0.°9/11.3 16

4 1	15 42.49	−22 10.9	2.031	2.809	15.1	22.7
4 11	15 37.75	−22 0.7	1.934	2.806	12.2	22.5
4 21	15 30.49	−21 39.8	1.859	2.803	8.6	22.3
5 1	15 21.27	−21 8.3	1.808	2.800	4.6	22.0
5 11	15 11.00	−20 28.3	1.786	2.795	0.9	21.7
5 21	15 0.75	−19 43.1	1.791	2.789	4.3	22.0
5 31	14 51.56	−18 57.8	1.825	2.783	8.4	22.2
6 10	14 44.29	−18 17.4	1.883	2.776	12.1	22.4

506981 2008 SR_{171} 5 10.8 225.°13 0.°8/11.3 18

4 1	15 38.15	−22 5.9	2.221	3.002	13.9	22.3
4 11	15 34.13	−21 51.8	2.120	2.994	11.1	22.1
4 21	15 27.89	−21 27.6	2.040	2.986	7.9	21.9
5 1	15 19.93	−20 53.9	1.985	2.977	4.2	21.6
5 11	15 11.05	−20 12.5	1.958	2.968	0.8	21.4
5 21	15 2.14	−19 27.0	1.960	2.958	4.0	21.6
5 31	14 54.13	−18 41.6	1.989	2.948	7.8	21.8
6 10	14 47.77	−18 0.9	2.044	2.938	11.3	22.0

246022 2006 UN_2 5 10.8 231.°89 2.°2/12.5 18

4 1	15 36.91	−26 39.0	2.565	3.326	12.7	21.1
4 11	15 32.91	−26 33.6	2.459	3.317	10.4	20.9
4 21	15 26.92	−26 17.2	2.374	3.308	7.6	20.7
5 1	15 19.40	−25 49.3	2.315	3.298	4.6	20.5
5 11	15 11.06	−25 11.2	2.283	3.287	2.2	20.3
5 21	15 2.71	−24 25.4	2.280	3.277	3.7	20.4
5 31	14 55.14	−23 35.6	2.306	3.266	6.8	20.6
6 10	14 49.04	−22 46.6	2.357	3.255	9.8	20.8

503859 1998 QO_{52} 5 10.8 221.°65 2.°4/ 8.8 17

4 1	15 40.16	−12 22.4	2.585	3.369	12.0	23.9
4 11	15 35.27	−11 42.5	2.476	3.355	9.6	23.7
4 21	15 28.46	−10 57.8	2.391	3.340	6.7	23.5
5 1	15 20.16	−10 10.9	2.333	3.324	3.7	23.3
5 11	15 11.05	− 9 25.1	2.304	3.307	2.6	23.2
5 21	15 1.88	− 8 44.0	2.306	3.289	5.1	23.3
5 31	14 53.42	− 8 11.1	2.336	3.269	8.2	23.5
6 10	14 46.34	− 7 48.8	2.392	3.249	11.2	23.6

497571 2006 DA_{177} 5 10.8 75.°37 2.°3/ 9.4 17

4 1	15 37.73	−13 50.4	1.833	2.643	15.3	21.4
4 11	15 33.89	−13 20.4	1.762	2.656	12.0	21.2
4 21	15 27.69	−12 45.2	1.713	2.669	8.3	21.0
5 1	15 19.78	−12 7.7	1.688	2.683	4.3	20.8
5 11	15 11.06	−11 31.9	1.690	2.696	2.4	20.7
5 21	15 2.55	−11 1.8	1.719	2.709	5.5	20.9
5 31	14 55.18	−10 41.0	1.774	2.722	9.3	21.1
6 10	14 49.66	−10 31.9	1.852	2.735	12.7	21.4

183418 2003 AY_6 5 10.8 175.°36 3.°4/ 8.4 18

4 1	15 37.36	− 7 43.7	2.456	3.253	12.2	20.7
4 11	15 33.03	− 7 20.2	2.369	3.254	9.7	20.6
4 21	15 26.85	− 6 56.5	2.306	3.255	6.9	20.4
5 1	15 19.31	− 6 35.5	2.269	3.256	4.3	20.2
5 11	15 11.09	− 6 20.0	2.260	3.256	3.6	20.2
5 21	15 2.92	− 6 12.5	2.280	3.257	5.6	20.3
5 31	14 55.53	− 6 14.9	2.327	3.257	8.4	20.5
6 10	14 49.53	− 6 28.1	2.399	3.256	11.2	20.7

53726 2000 EL_{34} 5 10.8 326.°78 1.°2/10.2 18

4 1	15 40.62	−14 30.6	1.596	2.409	17.1	19.2
4 11	15 36.88	−14 40.4	1.511	2.406	13.6	19.0
4 21	15 30.24	−14 46.4	1.446	2.403	9.5	18.7
5 1	15 21.28	−14 49.8	1.405	2.400	4.8	18.4
5 11	15 11.04	−14 52.5	1.389	2.398	1.3	18.2
5 21	15 0.76	−14 56.9	1.399	2.396	5.6	18.5
5 31	14 51.72	−15 5.8	1.435	2.394	10.2	18.7
6 10	14 44.92	−15 21.9	1.493	2.392	14.4	19.0

267311 2001 TM_{61} 5 10.8 189.°82 0.°2/10.6 17

4 1	15 39.45	−19 10.8	2.293	3.076	13.4	22.0
4 11	15 34.95	−18 49.1	2.198	3.075	10.7	21.8
4 21	15 28.34	−18 19.1	2.125	3.074	7.4	21.6
5 1	15 20.12	−17 42.2	2.077	3.071	3.7	21.4
5 11	15 11.07	−17 0.8	2.059	3.068	0.3	21.1
5 21	15 2.06	−16 18.4	2.069	3.065	4.1	21.4
5 31	14 53.95	−15 39.0	2.107	3.061	7.8	21.6
6 10	14 47.45	−15 6.3	2.170	3.056	11.1	21.8

91337 1999 JG_{14} 5 10.8 298.°15 8.°0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 49.15	+ 3 53.7	1.743	2.528	16.9	19.1
4 11	15 43.59	+ 3 48.8	1.638	2.504	14.3	18.9
4 21	15 34.97	+ 3 31.1	1.553	2.480	11.4	18.6
5 1	15 23.77	+ 2 55.0	1.491	2.455	8.8	18.4
5 11	15 10.98	+ 1 56.2	1.457	2.431	8.1	18.3
5 21	14 57.84	+ 0 33.9	1.450	2.407	10.1	18.4
5 31	14 45.74	− 1 9.9	1.469	2.383	13.5	18.5
6 10	14 35.80	− 3 10.7	1.513	2.360	17.1	18.7

16461 1990 BO 5 10.8 207.°95 5.°9/16.1 18

4 1	15 38.99	−39 14.1	2.795	3.490	13.2	17.6
4 11	15 34.68	−39 39.4	2.692	3.487	11.4	17.5
4 21	15 28.21	−39 50.0	2.609	3.483	9.4	17.3
5 1	15 20.08	−39 43.2	2.550	3.479	7.5	17.2
5 11	15 11.07	−39 18.1	2.516	3.475	6.1	17.1
5 21	15 2.07	−38 35.8	2.509	3.471	6.1	17.1
5 31	14 53.97	−37 39.8	2.529	3.467	7.5	17.2
6 10	14 47.49	−36 35.4	2.575	3.462	9.5	17.3

351996 2006 UK_{192} 5 10.8 222.°91 2.°8/13.2 18

4 1	15 37.83	−28 57.1	2.865	3.609	11.9	21.7
4 11	15 33.47	−29 1.9	2.755	3.599	9.8	21.5
4 21	15 27.23	−28 56.1	2.666	3.589	7.4	21.3
5 1	15 19.55	−28 38.9	2.603	3.578	4.8	21.2
5 11	15 11.09	−28 10.6	2.568	3.566	2.9	21.0
5 21	15 2.59	−27 33.1	2.562	3.554	3.8	21.1
5 31	14 54.81	−26 49.7	2.585	3.542	6.3	21.2
6 10	14 48.38	−26 4.3	2.634	3.529	9.0	21.3

465398 2008 GF_{72} 5 10.8 37.°21 0.°0/10.7 16

4 1	15 37.27	−19 38.6	1.395	2.215	18.7	21.9
4 11	15 34.45	−19 26.5	1.326	2.225	14.9	21.7
4 21	15 28.59	−19 2.9	1.277	2.235	10.3	21.4
5 1	15 20.39	−18 29.5	1.249	2.245	5.2	21.2
5 11	15 11.07	−17 49.9	1.246	2.256	0.1	20.8
5 21	15 1.97	−17 9.3	1.268	2.267	5.4	21.2
5 31	14 54.36	−16 33.6	1.314	2.279	10.3	21.5
6 10	14 49.17	−16 7.8	1.382	2.291	14.6	21.8

196227 2003 BR_{63} 5 10.8 151.°12 2.°6/ 9.5 18

4 1	15 42.62	−12 58.6	1.537	2.349	17.6	20.6
4 11	15 38.39	−12 40.2	1.459	2.354	14.0	20.4
4 21	15 31.20	−12 17.1	1.402	2.359	9.7	20.1
5 1	15 21.71	−11 52.0	1.368	2.363	5.1	19.9
5 11	15 11.05	−11 29.0	1.360	2.366	2.7	19.7
5 21	15 0.49	−11 12.0	1.378	2.370	6.5	20.0
5 31	14 51.32	−11 4.9	1.421	2.373	11.0	20.2
6 10	14 44.47	−11 10.2	1.487	2.375	15.0	20.5

419611 2010 RH_{142} 5 10.8 176.°35 1.°1/11.4 17

4 1	15 40.40	−22 47.2	1.861	2.648	16.0	22.1
4 11	15 36.29	−22 32.8	1.772	2.650	12.8	21.9
4 21	15 29.57	−22 6.2	1.704	2.651	9.1	21.7
5 1	15 20.84	−21 28.0	1.660	2.652	4.9	21.4
5 11	15 11.07	−20 40.5	1.643	2.652	1.1	21.2
5 21	15 1.38	−19 47.9	1.653	2.652	4.5	21.4
5 31	14 52.86	−18 55.8	1.691	2.652	8.8	21.7
6 10	14 46.37	−18 9.9	1.752	2.651	12.6	21.9

299723 2006 RB_{27} 5 10.8 256.°02 4.°7/ 6.6 18

4 1	15 33.89	− 7 15.6	2.327	3.135	12.5	21.1
4 11	15 30.49	− 6 5.3	2.235	3.125	10.0	20.9
4 21	15 25.22	− 4 52.1	2.165	3.114	7.3	20.7
5 1	15 18.54	− 3 40.7	2.122	3.104	5.1	20.5
5 11	15 11.14	− 2 36.3	2.107	3.093	4.9	20.5
5 21	15 3.74	− 1 43.5	2.120	3.082	7.0	20.6
5 31	14 57.10	− 1 5.9	2.158	3.071	9.8	20.7
6 10	14 51.84	− 0 45.3	2.220	3.060	12.6	20.9

504064 2005 YJ_{160} 5 10.8 291.°45 9.°0/ 5.3 17

4 1	15 37.49	+ 3 21.4	1.777	2.587	15.7	21.0
4 11	15 33.92	+ 4 24.2	1.699	2.577	13.2	20.8
4 21	15 27.90	+ 5 20.1	1.641	2.568	10.8	20.6
5 1	15 20.00	+ 6 2.0	1.606	2.559	9.2	20.5
5 11	15 11.10	+ 6 23.4	1.595	2.550	9.4	20.5
5 21	15 2.23	+ 6 20.5	1.609	2.541	11.2	20.6
5 31	14 54.39	+ 5 52.2	1.646	2.533	13.8	20.7
6 10	14 48.42	+ 5 0.2	1.703	2.524	16.6	20.9

191839 2004 VJ_{16} 5 10.8 181.°05 3.°5/ 8.4 18

4 1	15 36.76	−10 47.2	1.945	2.756	14.5	20.8
4 11	15 33.10	−10 4.5	1.862	2.756	11.5	20.6
4 21	15 27.19	− 9 18.1	1.801	2.756	8.1	20.3
5 1	15 19.58	− 8 31.6	1.765	2.756	4.7	20.1
5 11	15 11.11	− 7 49.7	1.756	2.756	3.7	20.1
5 21	15 2.72	− 7 16.6	1.774	2.756	6.4	20.2
5 31	14 55.33	− 6 55.9	1.818	2.756	9.9	20.4
6 10	14 49.66	− 6 49.4	1.885	2.755	13.2	20.6

506477 2003 FK_{132} 5 10.8 96.°56 6.°2/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.09	−37 3.6	2.404	3.118	14.7	21.2
4 11	15 36.61	−37 47.3	2.318	3.128	12.6	21.0
4 21	15 29.68	−38 16.3	2.252	3.138	10.2	20.9
5 1	15 20.87	−38 27.2	2.209	3.148	8.0	20.8
5 11	15 11.08	−38 18.7	2.192	3.158	6.4	20.7
5 21	15 1.35	−37 51.8	2.201	3.168	6.5	20.7
5 31	14 52.69	−37 10.4	2.237	3.178	8.1	20.8
6 10	14 45.92	−36 20.1	2.298	3.187	10.4	21.0

54259 2000 JC_{32} 5 10.8 304.°07 2.°6/12.1 18

4 1	15 37.61	−24 18.0	1.610	2.409	17.5	19.0
4 11	15 34.84	−24 33.5	1.513	2.395	14.3	18.7
4 21	15 29.06	−24 36.8	1.435	2.382	10.5	18.4
5 1	15 20.81	−24 26.4	1.379	2.368	6.1	18.1
5 11	15 11.09	−24 2.8	1.348	2.355	2.6	17.9
5 21	15 1.19	−23 28.8	1.342	2.342	5.2	18.0
5 31	14 52.47	−22 49.7	1.362	2.329	9.8	18.2
6 10	14 46.04	−22 12.3	1.404	2.316	14.2	18.5

61750 2000 QD_{157} 5 10.8 58.°02 1.°6/ 9.6 18 R

4 1	15 36.12	−17 34.4	1.750	2.560	15.9	19.4
4 11	15 32.92	−16 45.2	1.668	2.563	12.6	19.2
4 21	15 27.22	−15 45.3	1.607	2.565	8.6	19.0
5 1	15 19.64	−14 38.0	1.571	2.567	4.4	18.7
5 11	15 11.13	−13 28.5	1.561	2.569	1.7	18.5
5 21	15 2.76	−12 22.7	1.578	2.572	5.5	18.8
5 31	14 55.53	−11 26.6	1.621	2.574	9.7	19.0
6 10	14 50.23	−10 44.5	1.687	2.576	13.5	19.3

203336 2001 UG_6 5 10.8 256.°31 3.°0/ 9.3 16

4 1	15 41.90	−12 33.0	1.668	2.477	16.6	21.5
4 11	15 37.98	−12 7.6	1.564	2.457	13.3	21.2
4 21	15 31.14	−11 36.7	1.480	2.436	9.4	20.9
5 1	15 21.85	−11 3.1	1.421	2.415	5.2	20.6
5 11	15 11.08	−10 31.0	1.387	2.392	3.1	20.4
5 21	15 0.04	−10 5.0	1.380	2.370	6.8	20.6
5 31	14 50.04	− 9 49.6	1.399	2.346	11.4	20.8
6 10	14 42.18	− 9 48.3	1.440	2.322	15.8	21.0

240781 2005 SZ_{264} 5 10.8 311.°32 1.°6/11.9 18

4 1	15 34.94	−24 27.5	2.161	2.944	14.1	20.1
4 11	15 31.71	−24 17.0	2.064	2.938	11.4	19.9
4 21	15 26.28	−23 54.9	1.987	2.931	8.2	19.7
5 1	15 19.16	−23 21.3	1.936	2.925	4.6	19.5
5 11	15 11.15	−22 38.2	1.911	2.918	1.7	19.2
5 21	15 3.13	−21 49.0	1.913	2.912	4.0	19.4
5 31	14 56.03	−20 58.2	1.943	2.906	7.6	19.6
6 10	14 50.59	−20 10.9	1.998	2.901	11.1	19.8

499566 2010 SE_{19} 5 10.8 257.°56 1.°6/ 9.9 17

4 1	15 39.55	−16 21.0	1.787	2.591	15.8	22.5
4 11	15 35.89	−15 53.0	1.682	2.573	12.7	22.2
4 21	15 29.53	−15 16.2	1.599	2.554	8.9	22.0
5 1	15 20.96	−14 32.6	1.539	2.535	4.5	21.7
5 11	15 11.10	−13 45.9	1.506	2.515	1.7	21.4
5 21	15 1.07	−13 0.9	1.501	2.495	5.7	21.6
5 31	14 52.03	−12 22.9	1.521	2.474	10.2	21.8
6 10	14 44.99	−11 56.4	1.564	2.453	14.4	22.0

129864 1999 RJ_{161} 5 10.8 320.°67 1.°2/10.1 18

4 1	15 30.57	−19 39.6	1.207	2.049	19.7	19.5
4 11	15 30.06	−18 58.3	1.111	2.023	15.9	19.1
4 21	15 26.24	−17 58.4	1.033	1.998	11.2	18.8
5 1	15 19.57	−16 42.0	0.975	1.973	5.7	18.4
5 11	15 11.13	−15 14.9	0.940	1.949	1.4	18.0
5 21	15 2.39	−13 46.2	0.927	1.926	7.0	18.3
5 31	14 54.98	−12 26.9	0.937	1.905	13.0	18.5
6 10	14 50.19	−11 26.0	0.966	1.884	18.5	18.8

473718 2015 YU_{20} 5 10.8 262.°62 5.°3/17.4 18

4 1	15 36.50	−45 8.6	4.585	5.216	9.1	21.2
4 11	15 32.03	−45 52.7	4.480	5.213	8.1	21.1
4 21	15 26.06	−46 26.7	4.395	5.209	7.1	21.0
5 1	15 18.94	−46 48.4	4.333	5.206	6.1	20.9
5 11	15 11.16	−46 57.0	4.297	5.203	5.4	20.9
5 21	15 3.29	−46 52.6	4.287	5.200	5.3	20.9
5 31	14 55.93	−46 36.2	4.304	5.196	5.8	20.9
6 10	14 49.58	−46 10.5	4.347	5.193	6.8	21.0

346044 2007 TE_{451} 5 10.8 238.°99 2.°8/ 8.9 18

4 1	15 37.14	−10 24.9	2.269	3.070	13.0	21.0
4 11	15 33.14	−10 3.3	2.175	3.063	10.3	20.8
4 21	15 27.11	− 9 39.6	2.103	3.056	7.2	20.6
5 1	15 19.54	− 9 16.4	2.058	3.049	4.1	20.4
5 11	15 11.15	− 8 56.8	2.040	3.042	3.0	20.3
5 21	15 2.74	− 8 43.6	2.050	3.034	5.4	20.4
5 31	14 55.15	− 8 39.3	2.087	3.027	8.7	20.6
6 10	14 49.05	− 8 45.4	2.149	3.019	11.8	20.8

125961 2001 XP_{266} 5 10.8 267.°19 4.°7/13.9 18

	h m	° ′			°	m
4 1	15 39.13	−31 40.1	1.932	2.691	16.4	20.2
4 11	15 35.68	−31 51.4	1.826	2.676	13.8	19.9
4 21	15 29.44	−31 46.3	1.739	2.661	10.7	19.7
5 1	15 20.93	−31 22.0	1.675	2.646	7.3	19.5
5 11	15 11.11	−30 38.1	1.636	2.630	4.9	19.3
5 21	15 1.18	−29 37.2	1.623	2.615	5.7	19.3
5 31	14 52.36	−28 25.1	1.637	2.599	8.9	19.4
6 10	14 45.65	−27 9.7	1.675	2.583	12.6	19.6

409219 2003 WB_{147} 5 10.8 190.°61 0.°8/10.2 16

4 1	15 40.69	−18 10.4	2.085	2.873	14.4	22.4
4 11	15 36.16	−17 41.3	1.991	2.872	11.5	22.2
4 21	15 29.31	−17 3.5	1.919	2.871	7.9	22.0
5 1	15 20.68	−16 18.7	1.873	2.868	4.0	21.7
5 11	15 11.13	−15 30.1	1.855	2.865	0.8	21.5
5 21	15 1.63	−14 41.8	1.866	2.861	4.6	21.7
5 31	14 53.12	−13 58.5	1.904	2.856	8.6	22.0
6 10	14 46.39	−13 24.2	1.967	2.850	12.1	22.2

304736 2006 XQ_{40} 5 10.8 111.°22 0.°5/10.4 18

4 1	15 35.43	−18 8.8	2.586	3.373	12.0	21.4
4 11	15 31.44	−17 45.1	2.504	3.384	9.4	21.3
4 21	15 25.71	−17 15.0	2.444	3.395	6.5	21.1
5 1	15 18.74	−16 39.9	2.412	3.406	3.2	20.9
5 11	15 11.18	−16 2.5	2.407	3.417	0.5	20.7
5 21	15 3.74	−15 25.7	2.432	3.428	3.6	20.9
5 31	14 57.09	−14 52.6	2.485	3.438	6.8	21.2
6 10	14 51.78	−14 26.0	2.563	3.448	9.6	21.4

349448 2008 CJ_{54} 5 10.8 138.°43 5.°8/ 4.8 17

4 1	15 35.40	+ 3 7.4	3.154	3.935	10.2	22.4
4 11	15 30.93	+ 4 8.3	3.089	3.950	8.4	22.3
4 21	15 25.11	+ 5 4.6	3.049	3.965	6.8	22.2
5 1	15 18.36	+ 5 52.4	3.036	3.979	5.8	22.2
5 11	15 11.19	+ 6 28.3	3.050	3.992	6.0	22.2
5 21	15 4.15	+ 6 50.2	3.093	4.005	7.1	22.3
5 31	14 57.75	+ 6 57.0	3.161	4.017	8.7	22.4
6 10	14 52.42	+ 6 49.1	3.253	4.029	10.4	22.5

153933 2001 YR_{71} 5 10.8 230.°93 1.°6/11.8 17

4 1	15 39.79	−23 21.8	2.090	2.869	14.7	20.5
4 11	15 35.69	−23 24.5	1.989	2.860	11.9	20.3
4 21	15 29.15	−23 16.9	1.908	2.851	8.6	20.1
5 1	15 20.68	−22 58.7	1.852	2.841	4.8	19.8
5 11	15 11.14	−22 30.9	1.823	2.831	1.7	19.6
5 21	15 1.51	−21 56.3	1.822	2.820	4.2	19.7
5 31	14 52.85	−21 19.1	1.848	2.809	8.1	19.9
6 10	14 45.99	−20 44.2	1.899	2.798	11.8	20.1

276156 2002 LL_1 5 10.8 315.°52 3.°8/ 8.5 17

4 1	15 35.91	−10 2.2	1.788	2.606	15.3	20.4
4 11	15 32.74	− 9 27.3	1.701	2.599	12.2	20.2
4 21	15 27.14	− 8 49.2	1.635	2.592	8.6	19.9
5 1	15 19.66	− 8 12.0	1.594	2.585	5.1	19.7
5 11	15 11.16	− 7 40.2	1.578	2.578	4.0	19.6
5 21	15 2.67	− 7 18.0	1.589	2.572	6.8	19.8
5 31	14 55.19	− 7 8.9	1.624	2.566	10.6	20.0
6 10	14 49.56	− 7 14.5	1.682	2.560	14.1	20.2

472819 2015 FB_{169} 5 10.8 310.°21 2.°3/ 9.3 17

4 1	15 35.58	−14 6.1	1.888	2.699	14.8	21.7
4 11	15 32.37	−13 34.0	1.799	2.694	11.8	21.4
4 21	15 26.82	−12 55.6	1.731	2.688	8.1	21.2
5 1	15 19.47	−12 14.0	1.688	2.683	4.3	21.0
5 11	15 11.17	−11 33.1	1.672	2.678	2.4	20.8
5 21	15 2.89	−10 57.3	1.683	2.673	5.6	21.0
5 31	14 55.60	−10 30.7	1.719	2.668	9.5	21.2
6 10	14 50.08	−10 16.3	1.778	2.664	13.1	21.4

318515 2005 EZ_{182} 5 10.8 286.°20 2.°8/12.1 17

4 1	15 39.61	−24 14.9	1.591	2.388	17.8	20.7
4 11	15 36.64	−24 34.7	1.486	2.367	14.7	20.5
4 21	15 30.50	−24 42.8	1.400	2.346	10.8	20.2
5 1	15 21.66	−24 37.2	1.336	2.325	6.4	19.8
5 11	15 11.12	−24 17.6	1.297	2.304	2.8	19.6
5 21	15 0.23	−23 46.4	1.284	2.283	5.5	19.7
5 31	14 50.49	−23 8.9	1.295	2.262	10.3	19.9
6 10	14 43.12	−22 31.8	1.329	2.240	14.9	20.1

64390 2001 UY_{149} 5 10.8 107.°02 0.°7/10.1 18 R

4 1	15 32.72	−16 15.6	3.580	4.360	9.1	21.2
4 11	15 28.77	−15 58.2	3.500	4.377	7.1	21.0
4 21	15 23.62	−15 37.2	3.445	4.394	4.8	20.9
5 1	15 17.62	−15 13.8	3.417	4.411	2.4	20.8
5 11	15 11.23	−14 49.6	3.419	4.428	0.7	20.6
5 21	15 4.93	−14 26.5	3.451	4.444	2.8	20.8
5 31	14 59.19	−14 6.3	3.512	4.460	5.2	21.0
6 10	14 54.38	−13 50.8	3.599	4.476	7.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
319518	2006 QR_{186}		5 10.8	119.°67	3.°6/ 8.6	17
	h m	° ′			°	m
4 1	15 38.96	−11 39.4	1.684	2.498	16.2	21.4
4 11	15 35.14	−10 52.7	1.610	2.506	12.8	21.2
4 21	15 28.74	−10 1.1	1.556	2.513	8.9	21.0
5 1	15 20.42	− 9 8.8	1.527	2.520	5.1	20.8
5 11	15 11.16	− 8 21.2	1.525	2.526	3.8	20.7
5 21	15 2.08	− 7 43.3	1.548	2.533	6.8	20.9
5 31	14 54.21	− 7 19.3	1.598	2.539	10.7	21.1
6 10	14 48.37	− 7 11.2	1.669	2.545	14.3	21.3
373514	2001 RE_{58}		5 10.8	188.°61	2.°1/12.2	17
4 1	15 42.41	−24 42.0	2.387	3.147	13.6	22.7
4 11	15 37.38	−24 55.1	2.288	3.147	11.0	22.5
4 21	15 30.11	−24 58.8	2.210	3.145	8.0	22.3
5 1	15 21.10	−24 52.3	2.158	3.143	4.7	22.1
5 11	15 11.15	−24 36.0	2.135	3.140	2.2	21.9
5 21	15 1.18	−24 11.8	2.140	3.136	4.0	22.0
5 31	14 52.11	−23 43.2	2.174	3.132	7.3	22.2
6 10	14 44.72	−23 14.3	2.234	3.127	10.5	22.4
105917	2000 SW_{207}		5 10.8	108.°70	1.°9/ 9.1	18
4 1	15 34.66	−14 29.3	2.462	3.260	12.2	20.3
4 11	15 30.90	−13 46.3	2.382	3.269	9.6	20.1
4 21	15 25.38	−12 58.0	2.324	3.278	6.6	19.9
5 1	15 18.59	−12 7.2	2.293	3.287	3.5	19.7
5 11	15 11.22	−11 17.3	2.291	3.296	2.0	19.6
5 21	15 3.96	−10 32.0	2.317	3.305	4.6	19.8
5 31	14 57.52	− 9 54.6	2.371	3.313	7.6	20.0
6 10	14 52.43	− 9 27.6	2.449	3.322	10.4	20.2
412394	2013 TZ_{46}		5 10.8	196.°14	2.°2/ 7.3	18
4 1	15 27.46	− 8 25.6	4.673	5.464	6.9	21.4
4 11	15 24.44	− 7 37.0	4.581	5.463	5.4	21.2
4 21	15 20.56	− 6 47.3	4.514	5.462	3.9	21.1
5 1	15 16.06	− 5 58.5	4.477	5.461	2.5	21.0
5 11	15 11.28	− 5 12.6	4.470	5.460	2.3	21.0
5 21	15 6.52	− 4 31.6	4.492	5.458	3.5	21.1
5 31	15 2.11	− 3 56.9	4.543	5.457	5.1	21.2
6 10	14 58.34	− 3 29.8	4.620	5.456	6.6	21.3
434059	2001 UA_{221}		5 10.8	203.°20	0.°5/11.3	17
4 1	15 35.74	−22 25.0	2.618	3.393	12.1	21.7
4 11	15 31.82	−21 57.2	2.518	3.390	9.7	21.5
4 21	15 26.08	−21 19.7	2.441	3.386	6.8	21.3
5 1	15 18.99	−20 33.6	2.391	3.383	3.6	21.1
5 11	15 11.21	−19 41.3	2.369	3.378	0.5	20.8
5 21	15 3.48	−18 46.1	2.376	3.374	3.4	21.1
5 31	14 56.52	−17 52.0	2.412	3.369	6.7	21.3
6 10	14 50.92	−17 3.1	2.474	3.364	9.7	21.4
176724	2002 RH_2		5 10.8	295.°12	1.°3/11.4	18
4 1	15 38.09	−21 42.4	1.548	2.355	17.8	20.5
4 11	15 35.49	−21 47.3	1.440	2.329	14.5	20.2
4 21	15 29.75	−21 40.9	1.350	2.303	10.4	19.9
5 1	15 21.31	−21 22.3	1.283	2.277	5.7	19.6
5 11	15 11.15	−20 52.6	1.241	2.250	1.4	19.2
5 21	15 0.59	−20 15.1	1.224	2.224	5.4	19.4
5 31	14 51.10	−19 35.7	1.232	2.198	10.7	19.6
6 10	14 43.95	−19 1.0	1.261	2.172	15.6	19.8
433537	2013 WH_{95}		5 10.8	204.°98	0.°0/10.8	18
4 1	15 39.83	−18 56.3	2.358	3.139	13.2	22.2
4 11	15 35.29	−18 49.8	2.258	3.134	10.5	22.0
4 21	15 28.63	−18 36.3	2.181	3.129	7.3	21.8
5 1	15 20.35	−18 16.6	2.129	3.123	3.7	21.6
5 11	15 11.19	−17 52.5	2.106	3.116	0.1	21.2
5 21	15 2.00	−17 26.5	2.112	3.109	3.9	21.5
5 31	14 53.65	−17 2.0	2.146	3.101	7.6	21.8
6 10	14 46.86	−16 42.3	2.205	3.093	10.8	21.9
411672	2011 WR_{102}		5 10.8	226.°66	4.°0/ 8.3	16
4 1	15 39.81	−11 44.4	1.699	2.511	16.2	22.3
4 11	15 36.02	−10 46.7	1.607	2.502	12.9	22.1
4 21	15 29.54	− 9 41.9	1.537	2.493	9.1	21.8
5 1	15 20.93	− 8 34.5	1.491	2.483	5.3	21.6
5 11	15 11.17	− 7 30.8	1.472	2.472	4.2	21.5
5 21	15 1.38	− 6 36.9	1.479	2.461	7.4	21.6
5 31	14 52.71	− 5 58.3	1.512	2.449	11.5	21.8
6 10	14 46.08	− 5 38.1	1.566	2.437	15.4	22.1
507855	2014 HE_{11}		5 10.8	306.°68	4.°4/ 7.1	18
4 1	15 33.24	− 7 36.9	2.264	3.075	12.7	20.7
4 11	15 30.01	− 6 36.5	2.179	3.071	10.1	20.5
4 21	15 24.91	− 5 34.0	2.116	3.067	7.3	20.3
5 1	15 18.42	− 4 33.8	2.080	3.063	5.0	20.1
5 11	15 11.23	− 3 40.5	2.071	3.060	4.6	20.1
5 21	15 4.08	− 2 58.5	2.089	3.056	6.7	20.2
5 31	14 57.74	− 2 30.8	2.133	3.053	9.6	20.4
6 10	14 52.79	− 2 19.0	2.200	3.049	12.3	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384474	2010 CX_{28}		5 10.8	212.°96	3.°7/ 8.2	17
	h m	° ′			°	m
4 1	15 36.24	− 9 40.5	2.079	2.887	13.8	21.6
4 11	15 32.56	− 8 58.2	1.993	2.885	10.9	21.4
4 21	15 26.78	− 8 13.2	1.930	2.884	7.7	21.2
5 1	15 19.40	− 7 29.0	1.893	2.882	4.7	21.0
5 11	15 11.21	− 6 50.1	1.882	2.880	3.8	20.9
5 21	15 3.08	− 6 20.4	1.899	2.878	6.3	21.1
5 31	14 55.86	− 6 2.9	1.942	2.876	9.6	21.3
6 10	14 50.23	− 5 59.4	2.008	2.873	12.7	21.5
380568	2004 RW_{22}		5 10.8	224.°34	0.°1/10.9	18
4 1	15 39.26	−19 37.8	2.275	3.058	13.5	22.3
4 11	15 34.98	−19 27.1	2.172	3.049	10.8	22.1
4 21	15 28.50	−19 8.5	2.090	3.039	7.6	21.9
5 1	15 20.32	−18 42.6	2.035	3.028	3.9	21.6
5 11	15 11.19	−18 11.4	2.007	3.017	0.1	21.3
5 21	15 2.01	−17 37.9	2.008	3.005	4.0	21.6
5 31	14 53.68	−17 5.8	2.037	2.993	7.8	21.8
6 10	14 46.95	−16 38.9	2.091	2.980	11.3	22.0
54971	2001 PU_{42}		5 10.8	209.°73	3.°1/13.2	18
4 1	15 37.58	−29 4.5	2.457	3.210	13.4	19.1
4 11	15 33.58	−29 6.8	2.357	3.207	11.1	18.9
4 21	15 27.48	−28 56.8	2.278	3.204	8.3	18.7
5 1	15 19.77	−28 33.6	2.223	3.200	5.3	18.5
5 11	15 11.21	−27 57.7	2.197	3.196	3.2	18.3
5 21	15 2.67	−27 11.8	2.198	3.192	4.2	18.4
5 31	14 55.01	−26 19.9	2.227	3.187	7.0	18.6
6 10	14 48.93	−25 27.1	2.282	3.182	10.0	18.8
501528	2014 FV_5		5 10.8	181.°45	4.°2/ 7.2	18
4 1	15 35.31	− 5 50.2	2.616	3.414	11.5	21.7
4 11	15 31.31	− 5 1.7	2.531	3.415	9.2	21.5
4 21	15 25.63	− 4 12.9	2.470	3.415	6.7	21.3
5 1	15 18.74	− 3 27.5	2.435	3.415	4.7	21.2
5 11	15 11.24	− 2 49.4	2.429	3.414	4.4	21.2
5 21	15 3.80	− 2 21.5	2.451	3.414	6.2	21.3
5 31	14 57.07	− 2 6.1	2.500	3.412	8.7	21.4
6 10	14 51.61	− 2 4.2	2.572	3.411	11.1	21.6
463190	2012 BL_{122}		5 10.8	81.°43	6.°6/14.2	17
4 1	15 43.18	−32 31.6	1.618	2.380	18.9	21.7
4 11	15 39.42	−33 25.4	1.536	2.385	16.0	21.5
4 21	15 32.31	−34 3.0	1.473	2.390	12.6	21.3
5 1	15 22.48	−34 19.6	1.432	2.395	9.1	21.1
5 11	15 11.15	−34 12.6	1.414	2.400	6.8	21.0
5 21	14 59.83	−33 43.4	1.421	2.405	7.4	21.0
5 31	14 50.04	−32 57.6	1.453	2.410	10.3	21.2
6 10	14 42.90	−32 3.9	1.508	2.415	13.7	21.4
263957	2009 HK_{103}		5 10.8	166.°17	1.°1/ 9.8	17
4 1	15 34.68	−16 51.2	2.585	3.376	11.9	21.1
4 11	15 30.91	−16 13.2	2.494	3.378	9.4	20.9
4 21	15 25.41	−15 28.6	2.427	3.380	6.4	20.8
5 1	15 18.64	−14 39.5	2.387	3.382	3.2	20.6
5 11	15 11.25	−13 49.1	2.375	3.383	1.2	20.4
5 21	15 3.93	−13 0.7	2.392	3.385	4.0	20.6
5 31	14 57.37	−12 18.0	2.437	3.386	7.2	20.8
6 10	14 52.12	−11 43.9	2.508	3.387	10.0	21.0
242278	2003 UN_{82}		5 10.8	123.°75	6.°9/ 6.3	18
4 1	15 41.23	− 1 9.6	1.968	2.767	14.8	20.7
4 11	15 36.30	− 0 1.4	1.907	2.786	12.0	20.6
4 21	15 29.19	+ 1 3.1	1.868	2.804	9.2	20.4
5 1	15 20.54	+ 1 57.9	1.855	2.821	7.2	20.3
5 11	15 11.21	+ 2 37.4	1.869	2.837	7.2	20.3
5 21	15 2.15	+ 2 58.3	1.909	2.852	9.0	20.5
5 31	14 54.22	+ 2 59.0	1.974	2.867	11.6	20.7
6 10	14 48.06	+ 2 40.4	2.061	2.881	14.1	20.9
303684	2005 NO_{37}		5 10.8	270.°75	5.°3/ 6.5	16
4 1	15 34.56	− 3 56.9	2.338	3.144	12.5	21.4
4 11	15 31.07	− 3 1.4	2.243	3.129	10.1	21.2
4 21	15 25.68	− 2 6.1	2.171	3.115	7.6	21.0
5 1	15 18.86	− 1 15.5	2.125	3.100	5.7	20.8
5 11	15 11.26	− 0 34.2	2.106	3.085	5.6	20.8
5 21	15 3.62	− 0 6.1	2.114	3.070	7.5	20.9
5 31	14 56.71	+ 0 6.2	2.147	3.054	10.1	21.0
6 10	14 51.18	+ 0 1.7	2.204	3.039	12.8	21.2
248901	2006 UQ_{337}		5 10.8	341.°56	0.°9/10.2	17
4 1	15 35.66	−16 19.5	2.076	2.879	14.0	20.8
4 11	15 32.24	−16 9.4	1.987	2.876	11.1	20.6
4 21	15 26.65	−15 53.6	1.918	2.873	7.7	20.4
5 1	15 19.39	−15 33.4	1.875	2.871	3.9	20.1
5 11	15 11.25	−15 11.5	1.859	2.868	0.9	19.9
5 21	15 3.13	−14 50.7	1.870	2.866	4.5	20.1
5 31	14 55.91	−14 34.4	1.908	2.864	8.3	20.4
6 10	14 50.33	−14 25.4	1.970	2.863	11.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
386547	2009 DP_{14}		5 10.8	36.°21	3.°9/13.4	17 R
	h m	° ′			°	m
4 1	15 37.55	−29 11.0	2.006	2.773	15.6	20.6
4 11	15 34.04	−29 31.7	1.921	2.779	12.9	20.4
4 21	15 28.04	−29 38.8	1.857	2.785	9.7	20.2
5 1	15 20.13	−29 30.8	1.816	2.791	6.4	20.0
5 11	15 11.24	−29 8.0	1.800	2.798	4.0	19.9
5 21	15 2.42	−28 32.6	1.812	2.805	5.0	20.0
5 31	14 54.71	−27 49.4	1.850	2.812	8.1	20.1
6 10	14 48.92	−27 4.1	1.912	2.819	11.3	20.4
323064	2002 SK_{51}		5 10.8	273.°12	1.°2/11.4	17
4 1	15 40.76	−20 45.0	1.716	2.513	16.7	21.7
4 11	15 37.19	−20 58.3	1.611	2.495	13.6	21.4
4 21	15 30.68	−21 3.0	1.526	2.476	9.7	21.1
5 1	15 21.70	−20 58.4	1.464	2.457	5.2	20.8
5 11	15 11.21	−20 45.1	1.428	2.438	1.2	20.5
5 21	15 0.43	−20 25.6	1.419	2.418	5.0	20.7
5 31	14 50.69	−20 4.2	1.436	2.399	9.8	20.9
6 10	14 43.13	−19 46.0	1.475	2.379	14.2	21.1
512767	2016 UP_{57}		5 10.8	229.°80	6.°0/14.4	18
4 1	15 45.66	−36 22.6	2.866	3.561	12.9	21.9
4 11	15 40.13	−37 32.0	2.756	3.553	11.2	21.7
4 21	15 32.22	−38 31.1	2.667	3.543	9.2	21.6
5 1	15 22.33	−39 16.0	2.603	3.534	7.3	21.5
5 11	15 11.21	−39 44.1	2.567	3.524	6.1	21.4
5 21	14 59.80	−39 54.4	2.559	3.514	6.4	21.4
5 31	14 49.11	−39 48.6	2.578	3.504	7.9	21.4
6 10	14 40.03	−39 30.8	2.623	3.493	9.9	21.6
438998	2010 UM_{16}		5 10.8	283.°03	4.°2/ 7.7	18
4 1	15 37.09	−21 8.1	1.097	1.933	21.7	20.2
4 11	15 35.20	−18 40.4	1.019	1.929	17.2	19.9
4 21	15 29.62	−15 39.8	0.959	1.925	11.8	19.5
5 1	15 21.15	−12 15.2	0.923	1.920	6.2	19.2
5 11	15 11.23	− 8 44.0	0.912	1.916	4.8	19.1
5 21	15 1.54	− 5 27.0	0.926	1.911	10.0	19.4
5 31	14 53.66	− 2 42.6	0.964	1.907	15.7	19.7
6 10	14 48.67	− 0 40.8	1.021	1.903	20.8	20.0
166160	2002 EB_{33}		5 10.8	167.°49	2.°9/12.2	17
4 1	15 44.21	−24 32.6	1.704	2.485	17.4	20.5
4 11	15 39.78	−25 0.8	1.617	2.488	14.2	20.3
4 21	15 32.32	−25 18.0	1.550	2.491	10.4	20.1
5 1	15 22.43	−25 22.2	1.507	2.493	6.2	19.9
5 11	15 11.21	−25 13.1	1.489	2.494	3.0	19.7
5 21	14 59.98	−24 52.9	1.499	2.496	5.2	19.8
5 31	14 50.08	−24 26.0	1.534	2.496	9.4	20.0
6 10	14 42.53	−23 58.7	1.593	2.497	13.3	20.3
418343	2008 GG_{46}		5 10.8	223.°72	1.°3/ 9.3	18
4 1	15 30.93	−10 48.0	4.602	5.384	7.2	21.3
4 11	15 27.18	−10 47.6	4.504	5.382	5.6	21.2
4 21	15 22.47	−10 46.5	4.431	5.380	3.9	21.0
5 1	15 17.07	−10 45.8	4.386	5.378	2.1	20.9
5 11	15 11.33	−10 46.5	4.372	5.375	1.3	20.8
5 21	15 5.59	−10 49.6	4.387	5.373	2.7	20.9
5 31	15 0.20	−10 56.0	4.433	5.371	4.5	21.1
6 10	14 55.50	−11 6.3	4.505	5.369	6.2	21.2
310486	2000 SB_{361}		5 10.8	167.°55	10.°0/16.9	18
4 1	15 54.59	−44 45.7	2.223	2.879	17.1	21.5
4 11	15 48.39	−46 12.7	2.133	2.885	15.3	21.4
4 21	15 38.60	−47 22.4	2.061	2.891	13.3	21.2
5 1	15 25.78	−48 7.6	2.010	2.895	11.4	21.1
5 11	15 11.14	−48 22.9	1.983	2.899	10.2	21.1
5 21	14 56.31	−48 6.9	1.981	2.901	10.1	21.0
5 31	14 42.96	−47 23.3	2.004	2.903	11.2	21.1
6 10	14 32.40	−46 20.3	2.051	2.904	12.9	21.2
123647	Tomáško		5 10.8	30.°72	3.°0/ 9.1	17
4 1	15 37.50	−11 29.5	1.784	2.598	15.5	20.6
4 11	15 33.94	−11 6.7	1.705	2.601	12.3	20.4
4 21	15 27.94	−10 40.7	1.647	2.603	8.5	20.1
5 1	15 20.07	−10 14.6	1.613	2.606	4.7	19.9
5 11	15 11.26	− 9 52.2	1.605	2.609	3.1	19.8
5 21	15 2.54	− 9 37.1	1.624	2.612	6.1	20.0
5 31	14 54.90	− 9 32.3	1.668	2.615	9.9	20.2
6 10	14 49.16	− 9 39.7	1.735	2.619	13.5	20.5
511773	2015 DO_{228}		5 10.8	307.°07	5.°5/ 7.2	17
4 1	15 34.21	− 7 54.3	1.684	2.510	15.7	21.1
4 11	15 31.70	− 6 54.1	1.589	2.490	12.7	20.8
4 21	15 26.64	− 5 49.8	1.514	2.470	9.2	20.6
5 1	15 19.55	− 4 46.8	1.463	2.450	6.2	20.4
5 11	15 11.28	− 3 51.9	1.438	2.430	5.8	20.3
5 21	15 2.88	− 3 11.1	1.437	2.410	8.6	20.4
5 31	14 55.45	− 2 49.3	1.461	2.391	12.3	20.6
6 10	14 49.92	− 2 48.3	1.505	2.373	16.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
503168	2015 GO_{38}		5 10.8	138.°65	1.°4/ 9.9	18
	h m	° ′			°	m
4 1	15 40.40	−13 54.5	2.328	3.117	13.1	21.4
4 11	15 35.55	−13 47.1	2.246	3.127	10.3	21.2
4 21	15 28.69	−13 36.2	2.186	3.137	7.1	21.0
5 1	15 20.34	−13 23.4	2.153	3.147	3.6	20.8
5 11	15 11.27	−13 10.8	2.148	3.156	1.5	20.7
5 21	15 2.30	−13 0.7	2.173	3.165	4.4	20.9
5 31	14 54.23	−12 55.6	2.225	3.173	7.8	21.1
6 10	14 47.73	−12 57.2	2.303	3.181	10.8	21.3
233961	2010 AA_3		5 10.8	139.°13	7.°8/ 5.2	18
4 1	15 37.08	+ 2 15.1	2.061	2.863	14.1	20.4
4 11	15 33.12	+ 3 23.6	1.992	2.868	11.7	20.2
4 21	15 27.09	+ 4 26.5	1.945	2.872	9.4	20.1
5 1	15 19.55	+ 5 17.7	1.923	2.876	8.0	20.0
5 11	15 11.28	+ 5 51.8	1.927	2.880	8.1	20.0
5 21	15 3.15	+ 6 5.4	1.956	2.884	9.8	20.1
5 31	14 55.98	+ 5 57.2	2.009	2.888	12.1	20.2
6 10	14 50.41	+ 5 28.4	2.083	2.891	14.4	20.4
110110	2001 SP_{135}		5 10.8	161.°00	1.°1/11.5	17
4 1	15 41.23	−22 21.6	2.286	3.058	13.8	21.0
4 11	15 36.42	−22 18.3	2.197	3.065	11.1	20.8
4 21	15 29.41	−22 5.8	2.129	3.071	7.8	20.6
5 1	15 20.75	−21 44.3	2.087	3.077	4.2	20.4
5 11	15 11.27	−21 15.4	2.073	3.082	1.1	20.2
5 21	15 1.86	−20 41.7	2.088	3.086	3.8	20.4
5 31	14 53.42	−20 7.2	2.131	3.089	7.4	20.6
6 10	14 46.67	−19 36.0	2.200	3.092	10.7	20.8
422222	2014 RV_{61}		5 10.8	232.°32	1.°5/10.1	17
4 1	15 43.19	−14 57.7	1.802	2.601	16.0	21.5
4 11	15 38.75	−14 50.2	1.702	2.589	12.8	21.3
4 21	15 31.53	−14 37.3	1.623	2.576	8.9	21.0
5 1	15 22.04	−14 20.4	1.568	2.562	4.6	20.7
5 11	15 11.24	−14 2.1	1.540	2.548	1.5	20.5
5 21	15 0.27	−13 45.7	1.539	2.534	5.5	20.7
5 31	14 50.35	−13 34.8	1.565	2.518	10.0	20.9
6 10	14 42.48	−13 32.8	1.615	2.502	14.1	21.1
237992	2002 SB_{52}		5 10.8	184.°20	1.°2/11.5	17
4 1	15 40.82	−20 42.7	2.353	3.129	13.3	20.6
4 11	15 36.13	−21 4.0	2.258	3.129	10.7	20.4
4 21	15 29.27	−21 19.1	2.185	3.128	7.6	20.2
5 1	15 20.73	−21 27.5	2.138	3.128	4.1	20.0
5 11	15 11.27	−21 29.6	2.119	3.127	1.2	19.8
5 21	15 1.78	−21 26.8	2.129	3.126	3.8	20.0
5 31	14 53.15	−21 21.7	2.167	3.125	7.3	20.2
6 10	14 46.13	−21 17.2	2.231	3.124	10.5	20.4
260860	2005 QU_{89}		5 10.8	274.°96	3.°1/ 8.9	17
4 1	15 36.93	−13 14.4	1.707	2.523	16.0	21.2
4 11	15 33.81	−12 30.6	1.614	2.511	12.7	21.0
4 21	15 28.06	−11 39.6	1.542	2.499	8.9	20.7
5 1	15 20.25	−10 44.9	1.493	2.487	4.9	20.5
5 11	15 11.28	− 9 51.9	1.471	2.475	3.3	20.3
5 21	15 2.26	− 9 6.0	1.475	2.463	6.6	20.5
5 31	14 54.30	− 8 32.3	1.504	2.451	10.9	20.7
6 10	14 48.30	− 8 14.4	1.556	2.439	14.8	20.9
270334	2001 XU_{172}		5 10.8	92.°29	0.°8/11.4	18
4 1	15 41.49	−22 42.1	1.996	2.776	15.3	21.6
4 11	15 36.66	−22 21.2	1.930	2.803	12.1	21.4
4 21	15 29.51	−21 49.2	1.884	2.830	8.5	21.2
5 1	15 20.73	−21 7.2	1.864	2.855	4.5	21.0
5 11	15 11.28	−20 18.1	1.871	2.881	0.9	20.8
5 21	15 2.15	−19 26.1	1.907	2.905	4.1	21.1
5 31	14 54.24	−18 36.3	1.971	2.930	7.8	21.4
6 10	14 48.24	−17 53.1	2.059	2.953	11.2	21.6
428718	2008 RR_{41}		5 10.8	311.°40	7.°1/13.5	17
4 1	15 40.32	−31 11.2	1.631	2.403	18.5	20.9
4 11	15 37.56	−32 23.8	1.526	2.382	15.7	20.7
4 21	15 31.44	−33 25.0	1.440	2.361	12.6	20.4
5 1	15 22.32	−34 9.4	1.375	2.340	9.3	20.2
5 11	15 11.24	−34 32.4	1.334	2.320	7.2	20.0
5 21	14 59.61	−34 32.5	1.317	2.300	8.0	20.0
5 31	14 49.12	−34 12.7	1.324	2.280	11.1	20.1
6 10	14 41.18	−33 40.2	1.353	2.262	14.9	20.3
462189	2007 UU_{21}		5 10.8	94.°90	0.°1/10.7	16
4 1	15 44.02	−18 0.1	1.634	2.433	17.3	21.9
4 11	15 39.25	−18 1.7	1.567	2.453	13.7	21.7
4 21	15 31.64	−17 55.6	1.520	2.472	9.5	21.5
5 1	15 21.93	−17 42.7	1.497	2.492	4.8	21.3
5 11	15 11.26	−17 25.2	1.500	2.510	0.2	20.9
5 21	15 0.86	−17 6.5	1.531	2.529	5.0	21.4
5 31	14 51.91	−16 50.7	1.587	2.546	9.4	21.7
6 10	14 45.24	−16 41.4	1.668	2.564	13.2	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
303228	2004 OQ_6		5 10.8	318.°50	5.°6/ 8.4	17
	h m	° ′			°	m
4 1	15 35.18	− 9 9.9	1.155	2.004	20.0	20.7
4 11	15 33.71	− 8 31.0	1.071	1.986	16.1	20.4
4 21	15 28.78	− 7 47.9	1.005	1.969	11.6	20.1
5 1	15 20.91	− 7 6.7	0.959	1.952	7.2	19.8
5 11	15 11.28	− 6 35.0	0.935	1.936	5.9	19.7
5 21	15 1.40	− 6 19.4	0.934	1.921	9.6	19.8
5 31	14 52.93	− 6 25.0	0.953	1.906	14.7	20.0
6 10	14 47.17	− 6 53.4	0.991	1.893	19.6	20.3
169936	2002 TA_{28}		5 10.8	249.°50	0.°0/10.7	18
4 1	15 36.68	−19 33.4	2.229	3.019	13.6	20.4
4 11	15 32.99	−19 18.0	2.130	3.011	10.8	20.2
4 21	15 27.16	−18 54.4	2.052	3.002	7.5	20.0
5 1	15 19.68	−18 23.6	1.999	2.993	3.9	19.7
5 11	15 11.31	−17 47.8	1.975	2.985	0.1	19.4
5 21	15 2.91	−17 10.3	1.978	2.975	4.0	19.7
5 31	14 55.36	−16 35.1	2.009	2.966	7.8	19.9
6 10	14 49.39	−16 5.9	2.064	2.957	11.2	20.1
35592	1998 HR_{94}		5 10.8	321.°81	2.°0/ 9.3	18
4 1	15 32.76	−18 22.6	1.606	2.427	16.6	17.1
4 11	15 30.70	−17 16.1	1.513	2.413	13.2	16.9
4 21	15 26.00	−15 54.6	1.440	2.400	9.1	16.6
5 1	15 19.22	−14 22.0	1.391	2.388	4.6	16.3
5 11	15 11.31	−12 44.8	1.368	2.375	2.2	16.1
5 21	15 3.40	−11 11.2	1.371	2.364	6.2	16.3
5 31	14 56.60	− 9 49.5	1.399	2.353	10.9	16.6
6 10	14 51.82	− 8 45.8	1.449	2.342	15.0	16.8
175576	2006 TJ_{62}		5 10.8	200.°50	3.°8/ 7.9	18
4 1	15 36.67	− 6 39.1	2.530	3.327	11.9	20.7
4 11	15 32.50	− 6 9.2	2.441	3.325	9.5	20.6
4 21	15 26.55	− 5 39.4	2.375	3.322	6.9	20.4
5 1	15 19.28	− 5 12.8	2.335	3.319	4.5	20.2
5 11	15 11.33	− 4 52.5	2.324	3.316	3.9	20.2
5 21	15 3.41	− 4 41.2	2.341	3.312	5.8	20.3
5 31	14 56.22	− 4 40.7	2.385	3.308	8.5	20.5
6 10	14 50.35	− 4 51.9	2.453	3.304	11.1	20.6
205363	2000 YW_{16}		5 10.8	192.°16	11.°8/18.6	18
4 1	15 49.62	−45 27.0	1.399	2.109	23.6	20.6
4 11	15 46.02	−46 9.8	1.313	2.109	21.1	20.3
4 21	15 37.73	−46 22.5	1.241	2.107	18.1	20.1
5 1	15 25.52	−45 55.1	1.186	2.105	15.0	19.9
5 11	15 11.20	−44 41.3	1.151	2.103	12.5	19.8
5 21	14 57.09	−42 42.7	1.139	2.099	11.9	19.7
5 31	14 45.43	−40 10.5	1.150	2.095	13.6	19.8
6 10	14 37.66	−37 22.6	1.184	2.090	16.7	20.0
343975	2011 LC_{20}		5 10.8	289.°36	0.°5/11.4	18
4 1	15 28.80	−21 31.5	4.363	5.131	7.7	20.6
4 11	15 25.70	−21 21.1	4.253	5.120	6.2	20.5
4 21	15 21.56	−21 5.9	4.167	5.110	4.3	20.3
5 1	15 16.66	−20 46.3	4.109	5.099	2.3	20.2
5 11	15 11.38	−20 23.4	4.080	5.089	0.5	20.0
5 21	15 6.09	−19 58.8	4.081	5.079	2.1	20.1
5 31	15 1.19	−19 34.0	4.111	5.068	4.2	20.3
6 10	14 57.01	−19 10.8	4.168	5.058	6.1	20.4
123284	2000 UZ_{98}		5 10.8	125.°49	3.°1/13.0	18
4 1	15 40.20	−28 25.3	2.121	2.883	15.0	20.5
4 11	15 35.87	−28 26.7	2.037	2.893	12.3	20.3
4 21	15 29.16	−28 14.5	1.973	2.903	9.1	20.1
5 1	15 20.67	−27 47.7	1.934	2.913	5.7	19.9
5 11	15 11.31	−27 7.6	1.921	2.922	3.2	19.8
5 21	15 2.09	−26 17.3	1.936	2.932	4.4	19.9
5 31	14 53.99	−25 21.8	1.979	2.940	7.7	20.1
6 10	14 47.76	−24 27.1	2.047	2.949	10.9	20.3
2603	Taylor		5 10.8	274.°02	0.°4/11.0	18
4 1	15 37.81	−19 45.5	1.996	2.790	14.8	17.0
4 11	15 34.15	−19 44.2	1.903	2.786	11.8	16.7
4 21	15 28.11	−19 34.7	1.830	2.781	8.3	16.5
5 1	15 20.22	−19 17.7	1.783	2.776	4.3	16.3
5 11	15 11.32	−18 55.0	1.762	2.772	0.4	15.9
5 21	15 2.40	−18 29.5	1.769	2.767	4.3	16.2
5 31	14 54.45	−18 5.1	1.802	2.763	8.3	16.5
6 10	14 48.29	−17 45.6	1.860	2.758	12.0	16.7
20176	1996 XK_{29}		5 10.8	156.°44	1.°5/10.0	18
4 1	15 43.57	−14 16.0	1.880	2.675	15.5	18.7
4 11	15 38.65	−14 11.9	1.797	2.682	12.3	18.5
4 21	15 31.17	−14 3.5	1.735	2.688	8.5	18.2
5 1	15 21.73	−13 52.4	1.699	2.693	4.4	18.0
5 11	15 11.29	−13 40.9	1.690	2.698	1.6	17.8
5 21	15 0.94	−13 31.9	1.709	2.702	5.1	18.1
5 31	14 51.73	−13 28.3	1.755	2.706	9.2	18.3
6 10	14 44.50	−13 32.6	1.825	2.709	12.9	18.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
320598	2008 BO_{39}		5 10.8	179.°32	2.°5/ 9.4	17
	h m	° ′			°	m
4 1	15 41.72	−12 15.7	1.922	2.721	15.1	21.5
4 11	15 37.14	−11 55.5	1.835	2.723	12.0	21.3
4 21	15 30.10	−11 31.7	1.771	2.724	8.3	21.1
5 1	15 21.19	−11 6.8	1.731	2.724	4.5	20.9
5 11	15 11.30	−10 44.1	1.719	2.724	2.6	20.7
5 21	15 1.46	−10 27.0	1.735	2.723	5.7	20.9
5 31	14 52.68	−10 18.6	1.777	2.722	9.6	21.2
6 10	14 45.78	−10 21.1	1.843	2.720	13.1	21.4
356576	2011 SJ_{246}		5 10.8	161.°71	0.°1/10.7	18
4 1	15 35.46	−19 22.6	3.019	3.794	10.7	21.9
4 11	15 31.28	−19 1.2	2.926	3.800	8.5	21.7
4 21	15 25.56	−18 33.5	2.857	3.805	5.8	21.5
5 1	15 18.73	−18 0.6	2.816	3.809	2.9	21.4
5 11	15 11.35	−17 24.6	2.803	3.813	0.1	21.1
5 21	15 4.05	−16 47.8	2.821	3.817	3.1	21.4
5 31	14 57.40	−16 13.2	2.867	3.820	6.0	21.6
6 10	14 51.92	−15 43.4	2.940	3.823	8.6	21.7
471373	2011 SF_{75}		5 10.8	120.°85	6.°3/16.1	18
4 1	15 42.29	−39 19.7	2.742	3.432	13.5	21.9
4 11	15 37.35	−40 4.8	2.655	3.444	11.7	21.8
4 21	15 30.13	−40 35.6	2.588	3.456	9.7	21.7
5 1	15 21.17	−40 49.1	2.544	3.467	7.8	21.6
5 11	15 11.31	−40 43.8	2.525	3.478	6.5	21.5
5 21	15 1.48	−40 20.5	2.534	3.489	6.5	21.5
5 31	14 52.64	−39 42.2	2.570	3.500	7.7	21.6
6 10	14 45.53	−38 54.3	2.631	3.510	9.6	21.8
159493	2000 UA		5 10.8	171.°44	9.°8/18.7	18
4 1	15 53.87	−48 42.0	2.474	3.097	16.2	19.5
4 11	15 47.48	−49 44.6	2.380	3.103	14.7	19.4
4 21	15 37.72	−50 28.1	2.304	3.107	13.0	19.2
5 1	15 25.22	−50 46.2	2.248	3.111	11.3	19.1
5 11	15 11.23	−50 34.6	2.216	3.114	10.1	19.0
5 21	14 57.24	−49 53.0	2.208	3.115	9.8	19.0
5 31	14 44.80	−48 45.4	2.226	3.116	10.6	19.1
6 10	14 35.02	−47 19.8	2.267	3.116	12.0	19.2
195390	2002 GJ_{10}		5 10.8	282.°11	2.°9/12.4	17
4 1	15 39.46	−25 28.9	1.872	2.653	16.1	20.5
4 11	15 35.83	−25 50.9	1.778	2.648	13.2	20.2
4 21	15 29.49	−26 1.6	1.704	2.643	9.7	20.0
5 1	15 21.00	−25 59.6	1.654	2.639	5.9	19.8
5 11	15 11.31	−25 44.8	1.630	2.634	3.0	19.6
5 21	15 1.55	−25 19.6	1.632	2.629	4.8	19.7
5 31	14 52.89	−24 48.1	1.661	2.625	8.7	19.9
6 10	14 46.27	−24 16.0	1.714	2.620	12.4	20.1
300093	2006 UE_{244}		5 10.8	199.°34	0.°1/10.7	17
4 1	15 36.19	−19 13.7	2.507	3.292	12.4	21.9
4 11	15 32.27	−18 57.5	2.412	3.290	9.8	21.7
4 21	15 26.47	−18 34.2	2.338	3.288	6.8	21.5
5 1	15 19.27	−18 4.7	2.292	3.285	3.5	21.3
5 11	15 11.35	−17 31.4	2.273	3.283	0.1	21.0
5 21	15 3.44	−16 57.0	2.283	3.280	3.7	21.3
5 31	14 56.32	−16 24.8	2.321	3.277	7.0	21.5
6 10	14 50.59	−15 58.1	2.385	3.274	10.1	21.7
173939	2001 WH_{12}		5 10.8	112.°93	2.°5/ 9.2	18
4 1	15 37.78	−10 35.5	2.375	3.171	12.6	20.4
4 11	15 33.47	−10 23.3	2.293	3.179	10.0	20.3
4 21	15 27.26	−10 9.8	2.234	3.186	6.9	20.1
5 1	15 19.65	− 9 56.9	2.201	3.193	3.9	19.9
5 11	15 11.35	− 9 47.3	2.197	3.200	2.5	19.8
5 21	15 3.14	− 9 43.1	2.220	3.206	4.9	20.0
5 31	14 55.76	− 9 46.2	2.272	3.213	8.0	20.2
6 10	14 49.83	− 9 57.8	2.348	3.220	10.9	20.4
140629	2001 UU_{14}		5 10.8	237.°47	1.°3/ 9.8	18
4 1	15 36.16	−15 19.7	2.586	3.376	11.9	20.6
4 11	15 32.21	−14 56.4	2.482	3.365	9.4	20.4
4 21	15 26.44	−14 28.0	2.402	3.354	6.5	20.2
5 1	15 19.28	−13 56.0	2.347	3.342	3.3	20.0
5 11	15 11.36	−13 23.2	2.322	3.329	1.4	19.8
5 21	15 3.41	−12 52.3	2.325	3.317	4.1	20.0
5 31	14 56.15	−12 26.4	2.356	3.304	7.4	20.2
6 10	14 50.20	−12 8.1	2.412	3.290	10.4	20.4
259868	2004 CM_{114}		5 10.8	63.°04	15.°1/12.5	18 R
4 1	16 0.82	−34 40.1	1.084	1.850	26.2	19.4
4 11	15 56.86	−38 9.9	1.016	1.855	23.0	19.2
4 21	15 47.00	−41 32.7	0.964	1.859	19.6	19.0
5 1	15 31.24	−44 29.9	0.931	1.865	16.6	18.8
5 11	15 11.11	−46 41.7	0.920	1.870	15.1	18.7
5 21	14 49.70	−47 55.9	0.931	1.875	15.9	18.8
5 31	14 30.78	−48 15.4	0.962	1.881	18.4	18.9
6 10	14 17.23	−47 56.5	1.011	1.886	21.5	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
270529	2002 GO_{75}		5 10.8	324.°81	8.°2/ 4.8	17
	h m	° ′			°	m
4 1	15 32.41	− 2 57.8	1.606	2.438	16.1	20.0
4 11	15 30.26	− 1 20.9	1.526	2.425	13.2	19.8
4 21	15 25.61	+ 0 17.4	1.466	2.413	10.3	19.6
5 1	15 19.01	+ 1 48.5	1.430	2.401	8.4	19.5
5 11	15 11.36	+ 3 3.6	1.419	2.390	8.7	19.4
5 21	15 3.72	+ 3 55.6	1.431	2.379	11.1	19.6
5 31	14 57.12	+ 4 20.2	1.466	2.369	14.2	19.7
6 10	14 52.41	+ 4 17.1	1.520	2.359	17.4	19.9
56458	2000 GA_{96}		5 10.8	68.°45	3.°2/12.0	18
4 1	15 43.64	−23 20.7	1.407	2.208	19.5	19.0
4 11	15 40.00	−24 1.9	1.327	2.210	15.9	18.8
4 21	15 32.87	−24 32.8	1.265	2.211	11.6	18.5
5 1	15 22.89	−24 50.6	1.225	2.213	6.8	18.3
5 11	15 11.30	−24 54.3	1.209	2.215	3.2	18.1
5 21	14 59.66	−24 45.6	1.218	2.216	5.8	18.2
5 31	14 49.57	−24 29.2	1.252	2.218	10.6	18.5
6 10	14 42.23	−24 11.7	1.308	2.220	15.0	18.7
28848	Nicolemarie		5 10.8	177.°49	0.°0/10.8	18
4 1	15 37.57	−18 58.9	2.411	3.195	12.8	19.4
4 11	15 33.43	−18 50.9	2.318	3.196	10.2	19.2
4 21	15 27.32	−18 36.2	2.248	3.197	7.1	19.0
5 1	15 19.72	−18 15.6	2.204	3.198	3.6	18.8
5 11	15 11.36	−17 51.0	2.188	3.198	0.1	18.5
5 21	15 3.03	−17 25.0	2.201	3.198	3.7	18.8
5 31	14 55.52	−17 0.8	2.241	3.198	7.2	19.0
6 10	14 49.50	−16 41.5	2.307	3.197	10.3	19.2
360383	2002 CO_{266}		5 10.8	326.°96	4.°5/12.9	17
4 1	15 37.99	−27 14.6	1.337	2.141	20.2	20.5
4 11	15 35.87	−27 45.2	1.251	2.133	16.7	20.2
4 21	15 30.23	−28 0.1	1.182	2.125	12.6	19.9
5 1	15 21.64	−27 55.9	1.134	2.118	8.0	19.7
5 11	15 11.32	−27 31.9	1.109	2.111	4.6	19.4
5 21	15 0.86	−26 50.9	1.107	2.105	6.4	19.5
5 31	14 51.93	−25 59.9	1.129	2.099	11.0	19.8
6 10	14 45.79	−25 7.9	1.172	2.094	15.6	20.0
347157	2011 EG_{63}		5 10.8	319.°56	10.°0/ 3.5	17
4 1	15 31.77	+ 0 3.0	1.493	2.329	16.9	20.2
4 11	15 30.16	+ 1 42.3	1.401	2.300	14.2	19.9
4 21	15 25.83	+ 3 22.2	1.329	2.271	11.6	19.7
5 1	15 19.27	+ 4 52.8	1.280	2.242	10.1	19.5
5 11	15 11.37	+ 6 4.0	1.253	2.214	10.7	19.5
5 21	15 3.25	+ 6 47.4	1.249	2.187	13.2	19.5
5 31	14 56.12	+ 6 58.0	1.265	2.161	16.5	19.7
6 10	14 51.02	+ 6 35.7	1.299	2.136	19.9	19.8
372989	2011 CE_{73}		5 10.8	128.°58	12.°0/19.0	17
4 1	15 49.99	−48 47.8	2.021	2.671	18.8	20.9
4 11	15 45.38	−50 21.2	1.939	2.677	17.1	20.8
4 21	15 36.87	−51 34.1	1.873	2.682	15.3	20.6
5 1	15 25.04	−52 18.4	1.826	2.688	13.5	20.5
5 11	15 11.26	−52 28.5	1.800	2.693	12.3	20.5
5 21	14 57.35	−52 2.7	1.796	2.698	12.0	20.5
5 31	14 45.17	−51 5.5	1.815	2.703	12.7	20.5
6 10	14 36.15	−49 45.9	1.856	2.708	14.2	20.6
426496	2013 RS_{32}		5 10.8	249.°92	2.°2/12.1	18
4 1	15 42.66	−24 24.5	2.155	2.922	14.7	21.8
4 11	15 38.15	−24 38.5	2.038	2.901	12.0	21.6
4 21	15 31.07	−24 42.7	1.942	2.880	8.8	21.3
5 1	15 21.85	−24 35.9	1.872	2.857	5.2	21.1
5 11	15 11.34	−24 18.0	1.828	2.834	2.3	20.8
5 21	15 0.55	−23 50.9	1.813	2.810	4.4	20.9
5 31	14 50.62	−23 18.2	1.826	2.786	8.3	21.1
6 10	14 42.49	−22 45.1	1.864	2.760	12.1	21.3
278369	2007 LF_5		5 10.8	259.°80	8.°3/ 4.6	18
4 1	15 37.62	+ 3 26.8	2.093	2.891	14.0	20.9
4 11	15 33.76	+ 4 35.7	2.003	2.875	11.8	20.7
4 21	15 27.73	+ 5 39.7	1.936	2.858	9.8	20.6
5 1	15 20.02	+ 6 32.2	1.892	2.840	8.5	20.4
5 11	15 11.38	+ 7 7.2	1.875	2.823	8.7	20.4
5 21	15 2.68	+ 7 20.5	1.882	2.805	10.4	20.5
5 31	14 54.81	+ 7 10.3	1.914	2.786	12.8	20.6
6 10	14 48.54	+ 6 37.4	1.966	2.768	15.3	20.7
6002	1988 RO		5 10.8	227.°49	1.°1/ 9.1	18
4 1	15 27.47	−13 26.6	4.797	5.583	6.8	18.2
4 11	15 24.50	−12 55.2	4.697	5.578	5.3	18.0
4 21	15 20.66	−12 21.4	4.623	5.574	3.7	17.9
5 1	15 16.20	−11 46.5	4.577	5.569	2.0	17.8
5 11	15 11.45	−11 12.2	4.561	5.565	1.2	17.7
5 21	15 6.71	−10 40.2	4.574	5.560	2.6	17.8
5 31	15 2.31	−10 11.8	4.618	5.556	4.3	17.9
6 10	14 58.53	− 9 48.5	4.687	5.551	6.0	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
431437	2007 QP_7		5 10.8	300.°68	7.°7/15.0	16
	h m	° ′			°	m
4 1	15 40.49	−36 23.3	1.912	2.649	17.2	20.7
4 11	15 37.22	−37 23.5	1.809	2.635	15.0	20.5
4 21	15 30.87	−38 8.5	1.725	2.620	12.3	20.3
5 1	15 21.91	−38 33.0	1.661	2.606	9.7	20.1
5 11	15 11.34	−38 33.7	1.622	2.592	7.9	20.0
5 21	15 0.48	−38 10.1	1.607	2.577	8.1	20.0
5 31	14 50.76	−37 26.0	1.618	2.564	10.3	20.0
6 10	14 43.38	−36 28.9	1.651	2.550	13.2	20.2
216014	2005 UZ_{141}		5 10.8	263.°82	3.°9/ 7.9	18
4 1	15 35.94	− 6 14.9	2.542	3.340	11.8	20.3
4 11	15 32.04	− 5 45.3	2.441	3.325	9.5	20.1
4 21	15 26.34	− 5 15.9	2.363	3.310	6.9	19.9
5 1	15 19.25	− 4 49.6	2.312	3.295	4.6	19.7
5 11	15 11.40	− 4 29.9	2.288	3.279	4.1	19.6
5 21	15 3.50	− 4 19.3	2.293	3.264	6.0	19.7
5 31	14 56.27	− 4 20.1	2.324	3.248	8.7	19.9
6 10	14 50.32	− 4 33.0	2.380	3.232	11.4	20.0
508739	2017 UV_{30}		5 10.8	239.°69	1.°1/11.5	17
4 1	15 40.35	−21 59.2	1.998	2.782	15.1	22.3
4 11	15 36.32	−21 56.1	1.894	2.770	12.2	22.0
4 21	15 29.75	−21 42.9	1.811	2.757	8.7	21.8
5 1	15 21.15	−21 19.5	1.752	2.744	4.7	21.5
5 11	15 11.37	−20 47.5	1.721	2.730	1.1	21.2
5 21	15 1.48	−20 9.8	1.717	2.716	4.4	21.4
5 31	14 52.56	−19 31.1	1.741	2.701	8.6	21.6
6 10	14 45.51	−18 56.4	1.788	2.686	12.4	21.8
180813	2005 EE_{239}		5 10.8	221.°52	5.°8/13.5	17
4 1	15 45.41	−30 40.5	1.813	2.568	17.4	20.8
4 11	15 41.02	−31 36.9	1.716	2.563	14.7	20.5
4 21	15 33.44	−32 20.9	1.639	2.557	11.5	20.3
5 1	15 23.19	−32 48.0	1.584	2.550	8.1	20.1
5 11	15 11.35	−32 55.2	1.555	2.544	5.9	20.0
5 21	14 59.27	−32 42.6	1.552	2.537	6.8	20.0
5 31	14 48.43	−32 14.2	1.575	2.529	9.8	20.1
6 10	14 40.00	−31 37.0	1.621	2.521	13.3	20.3
496222	2011 WQ_{89}		5 10.8	185.°63	1.°3/11.6	16
4 1	15 43.11	−22 59.4	1.959	2.736	15.6	23.0
4 11	15 38.42	−22 51.2	1.866	2.737	12.6	22.8
4 21	15 31.11	−22 31.7	1.793	2.736	9.0	22.6
5 1	15 21.78	−22 0.7	1.745	2.735	4.9	22.3
5 11	15 11.38	−21 20.0	1.724	2.733	1.3	22.0
5 21	15 1.00	−20 33.3	1.732	2.730	4.4	22.3
5 31	14 51.76	−19 45.8	1.767	2.727	8.5	22.5
6 10	14 44.52	−19 2.8	1.827	2.722	12.3	22.7
125103	2001 UU_{35}		5 10.8	242.°91	3.°1/ 9.2	18
4 1	15 42.49	− 9 22.0	2.106	2.900	14.1	20.5
4 11	15 37.73	− 9 14.1	2.001	2.885	11.3	20.3
4 21	15 30.59	− 9 5.7	1.919	2.869	8.0	20.1
5 1	15 21.54	− 8 59.0	1.863	2.853	4.6	19.8
5 11	15 11.38	− 8 56.8	1.834	2.836	3.2	19.7
5 21	15 1.07	− 9 1.6	1.834	2.819	5.9	19.8
5 31	14 51.60	− 9 15.2	1.861	2.801	9.6	20.0
6 10	14 43.83	− 9 39.0	1.913	2.783	13.0	20.2
146133	2000 RD_{105}		5 10.8	250.°47	4.°5/14.6	18
4 1	15 38.93	−34 33.4	2.803	3.522	12.7	21.0
4 11	15 34.67	−34 48.0	2.684	3.504	10.8	20.8
4 21	15 28.32	−34 49.5	2.587	3.486	8.6	20.7
5 1	15 20.33	−34 36.0	2.513	3.467	6.3	20.5
5 11	15 11.41	−34 6.8	2.467	3.448	4.7	20.4
5 21	15 2.39	−33 23.3	2.449	3.429	5.0	20.3
5 31	14 54.13	−32 28.8	2.458	3.409	7.0	20.4
6 10	14 47.36	−31 28.4	2.494	3.388	9.5	20.6
193332	2000 TP_{35}		5 10.8	174.°55	0.°3/11.2	18
4 1	15 32.14	−20 31.6	4.154	4.919	8.2	22.1
4 11	15 28.30	−20 20.1	4.054	4.921	6.5	22.0
4 21	15 23.35	−20 3.8	3.980	4.923	4.5	21.9
5 1	15 17.60	−19 43.3	3.933	4.924	2.3	21.7
5 11	15 11.47	−19 19.9	3.916	4.926	0.3	21.5
5 21	15 5.36	−18 55.0	3.929	4.927	2.2	21.7
5 31	14 59.70	−18 30.5	3.972	4.927	4.4	21.8
6 10	14 54.84	−18 8.2	4.043	4.927	6.4	22.0
459600	2013 HO_{23}		5 10.8	339.°33	5.°8/ 8.3	17
4 1	15 30.11	− 9 30.5	1.026	1.891	20.7	20.4
4 11	15 29.97	− 8 50.8	0.949	1.874	16.7	20.0
4 21	15 26.35	− 8 6.3	0.889	1.858	12.0	19.7
5 1	15 19.76	− 7 23.7	0.849	1.843	7.4	19.4
5 11	15 11.43	− 6 51.4	0.829	1.830	6.1	19.3
5 21	15 2.91	− 6 36.7	0.830	1.819	9.9	19.4
5 31	14 55.90	− 6 44.8	0.850	1.810	15.1	19.7
6 10	14 51.69	− 7 17.1	0.888	1.802	20.1	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
426989	2014 BL_{55}		5 10.8	220.°60	3.°5/ 8.4	17
	h m	° ′			°	m
4 1	15 36.77	− 9 43.9	2.138	2.943	13.5	21.4
4 11	15 32.99	− 9 7.4	2.050	2.940	10.8	21.2
4 21	15 27.13	− 8 28.2	1.984	2.937	7.6	21.0
5 1	15 19.69	− 7 50.0	1.944	2.934	4.6	20.8
5 11	15 11.44	− 7 16.6	1.931	2.930	3.6	20.7
5 21	15 3.22	− 6 51.7	1.946	2.926	6.1	20.9
5 31	14 55.87	− 6 38.1	1.987	2.923	9.3	21.0
6 10	14 50.08	− 6 37.5	2.052	2.919	12.4	21.2
134018	2004 VO_{57}		5 10.8	269.°49	1.°7/11.9	18
4 1	15 39.62	−23 38.1	2.111	2.889	14.6	20.2
4 11	15 35.78	−23 38.6	1.994	2.864	11.9	20.0
4 21	15 29.45	−23 28.6	1.897	2.839	8.6	19.7
5 1	15 21.06	−23 7.3	1.825	2.814	4.9	19.5
5 11	15 11.43	−22 35.5	1.780	2.788	1.7	19.2
5 21	15 1.54	−21 56.0	1.763	2.762	4.3	19.3
5 31	14 52.49	−21 13.0	1.773	2.735	8.4	19.5
6 10	14 45.20	−20 32.0	1.808	2.707	12.2	19.7
268349	2005 SU_{247}		5 10.8	226.°88	0.°1/10.8	17
4 1	15 38.87	−19 25.9	1.921	2.717	15.2	21.7
4 11	15 35.10	−19 9.8	1.827	2.711	12.2	21.5
4 21	15 28.85	−18 44.4	1.754	2.706	8.5	21.3
5 1	15 20.67	−18 10.8	1.705	2.700	4.3	21.0
5 11	15 11.44	−17 31.7	1.684	2.694	0.1	20.6
5 21	15 2.20	−16 50.8	1.689	2.687	4.6	21.0
5 31	14 53.98	−16 13.0	1.722	2.680	8.8	21.2
6 10	14 47.63	−15 42.7	1.778	2.673	12.6	21.4
381493	2008 SS_{99}		5 10.8	147.°46	1.°8/ 9.6	17
4 1	15 38.33	−13 55.4	2.171	2.968	13.6	21.6
4 11	15 34.17	−13 33.5	2.087	2.974	10.8	21.4
4 21	15 27.90	−13 7.0	2.025	2.978	7.4	21.2
5 1	15 20.07	−12 38.2	1.989	2.983	3.9	21.0
5 11	15 11.46	−12 10.2	1.981	2.987	1.9	20.9
5 21	15 2.93	−11 46.0	2.000	2.991	4.8	21.1
5 31	14 55.33	−11 28.7	2.047	2.995	8.4	21.3
6 10	14 49.33	−11 20.8	2.119	2.998	11.5	21.5
348250	2004 TO_{51}		5 10.8	260.°50	0.°3/11.0	18
4 1	15 39.23	−20 35.0	2.215	2.998	13.8	21.7
4 11	15 35.23	−20 19.5	2.098	2.975	11.2	21.5
4 21	15 28.92	−19 54.6	2.003	2.951	7.9	21.2
5 1	15 20.75	−19 20.7	1.934	2.927	4.1	20.9
5 11	15 11.46	−18 39.8	1.892	2.902	0.3	20.6
5 21	15 1.97	−17 55.2	1.878	2.876	4.2	20.8
5 31	14 53.28	−17 11.3	1.892	2.850	8.2	21.0
6 10	14 46.22	−16 32.8	1.932	2.823	11.9	21.2
41139	1999 VU_{119}		5 10.8	278.°95	1.°3/11.5	18
4 1	15 39.99	−22 1.9	1.671	2.468	17.1	19.8
4 11	15 36.80	−22 3.2	1.561	2.444	13.9	19.5
4 21	15 30.60	−21 53.1	1.470	2.419	10.0	19.2
5 1	15 21.83	−21 30.8	1.402	2.394	5.5	18.9
5 11	15 11.45	−20 57.6	1.360	2.369	1.3	18.5
5 21	15 0.71	−20 16.8	1.344	2.343	5.1	18.7
5 31	14 51.00	−19 33.9	1.353	2.317	10.2	18.9
6 10	14 43.50	−18 55.5	1.385	2.291	14.8	19.1
390846	2004 RV_{138}		5 10.8	312.°99	0.°4/10.6	15
4 1	15 33.25	−20 26.0	1.981	2.783	14.6	21.2
4 11	15 30.82	−19 48.2	1.862	2.751	11.7	21.0
4 21	15 26.04	−18 57.5	1.765	2.719	8.3	20.7
5 1	15 19.34	−17 55.3	1.692	2.687	4.2	20.4
5 11	15 11.49	−16 45.1	1.645	2.655	0.4	20.0
5 21	15 3.43	−15 32.0	1.626	2.624	4.8	20.3
5 31	14 56.17	−14 22.3	1.633	2.592	9.2	20.4
6 10	14 50.61	−13 22.0	1.664	2.561	13.2	20.6
210760	2000 WW_{88}		5 10.8	231.°60	0.°3/10.9	17
4 1	15 42.36	−19 28.3	1.835	2.626	16.0	21.0
4 11	15 38.14	−19 27.5	1.734	2.615	12.9	20.7
4 21	15 31.17	−19 18.2	1.654	2.604	9.1	20.5
5 1	15 21.96	−19 0.6	1.598	2.592	4.7	20.2
5 11	15 11.46	−18 36.4	1.569	2.579	0.3	19.8
5 21	15 0.80	−18 8.7	1.568	2.566	4.8	20.1
5 31	14 51.21	−17 41.9	1.593	2.553	9.3	20.4
6 10	14 43.66	−17 20.6	1.642	2.538	13.4	20.6
79719	1998 SN_{110}		5 10.9	166.°85	2.°7/ 8.7	17
4 1	15 39.25	−13 47.2	2.187	2.982	13.6	20.3
4 11	15 34.82	−12 46.6	2.101	2.987	10.7	20.1
4 21	15 28.31	−11 39.1	2.039	2.992	7.4	19.9
5 1	15 20.26	−10 28.6	2.004	2.996	4.1	19.7
5 11	15 11.49	− 9 19.8	1.997	2.999	2.9	19.6
5 21	15 2.83	− 8 17.7	2.018	3.002	5.6	19.8
5 31	14 55.13	− 7 26.7	2.068	3.004	9.0	20.0
6 10	14 49.04	− 6 49.9	2.141	3.005	12.1	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
204951	2008 VR_{53}		5 10.9	221.°89	1.°8/ 9.8	17
	h m	° ′			°	m
4 1	15 42.08	−15 36.3	1.697	2.501	16.6	21.0
4 11	15 38.01	−15 9.4	1.603	2.493	13.2	20.8
4 21	15 31.10	−14 34.3	1.529	2.484	9.2	20.5
5 1	15 21.92	−13 53.6	1.479	2.474	4.8	20.2
5 11	15 11.47	−13 11.0	1.456	2.464	1.9	20.0
5 21	15 0.93	−12 31.3	1.460	2.453	5.9	20.2
5 31	14 51.55	−11 59.7	1.489	2.441	10.5	20.5
6 10	14 44.31	−11 40.3	1.542	2.429	14.6	20.7
475652	2006 UH_{289}		5 10.9	292.°00	4.°2/13.0	16
4 1	15 40.26	−28 2.8	2.152	2.913	14.9	21.7
4 11	15 36.38	−28 47.8	2.043	2.897	12.4	21.5
4 21	15 29.93	−29 23.4	1.955	2.881	9.4	21.3
5 1	15 21.36	−29 46.7	1.891	2.865	6.4	21.1
5 11	15 11.48	−29 56.4	1.854	2.849	4.3	20.9
5 21	15 1.35	−29 52.7	1.844	2.833	5.3	20.9
5 31	14 52.07	−29 38.2	1.860	2.818	8.3	21.1
6 10	14 44.63	−29 17.8	1.901	2.802	11.6	21.2
45962	2001 BM_{11}		5 10.9	229.°40	9.°8/17.2	18
4 1	15 45.88	−41 40.0	1.342	2.081	23.2	19.2
4 11	15 42.96	−42 0.1	1.250	2.073	20.4	19.0
4 21	15 35.62	−41 49.5	1.172	2.065	17.1	18.7
5 1	15 24.57	−40 59.5	1.113	2.057	13.4	18.5
5 11	15 11.44	−39 25.3	1.074	2.047	10.4	18.3
5 21	14 58.38	−37 10.3	1.059	2.038	10.1	18.2
5 31	14 47.49	−34 27.2	1.067	2.027	12.7	18.3
6 10	14 40.21	−31 34.7	1.099	2.017	16.8	18.5
393939	2005 UV_{161}		5 10.9	218.°22	1.°4/ 9.3	17
4 1	15 34.82	−16 36.7	3.033	3.815	10.5	21.8
4 11	15 30.84	−15 39.9	2.927	3.807	8.3	21.6
4 21	15 25.34	−14 36.0	2.847	3.798	5.7	21.4
5 1	15 18.72	−13 27.4	2.794	3.788	2.9	21.2
5 11	15 11.54	−12 17.4	2.772	3.778	1.5	21.1
5 21	15 4.39	−11 9.7	2.780	3.768	3.9	21.3
5 31	14 57.86	−10 8.1	2.817	3.757	6.7	21.4
6 10	14 52.44	− 9 15.6	2.881	3.746	9.3	21.6
245682	2006 BS_{91}		5 10.9	316.°09	2.°5/ 7.6	18
4 1	15 28.10	− 7 14.5	4.112	4.907	7.7	20.6
4 11	15 25.17	− 6 41.8	4.018	4.902	6.1	20.4
4 21	15 21.23	− 6 8.7	3.949	4.896	4.4	20.3
5 1	15 16.58	− 5 37.3	3.907	4.891	2.9	20.2
5 11	15 11.58	− 5 9.5	3.895	4.885	2.6	20.2
5 21	15 6.58	− 4 47.2	3.911	4.880	3.9	20.3
5 31	15 1.97	− 4 31.7	3.956	4.875	5.6	20.4
6 10	14 58.08	− 4 24.0	4.026	4.869	7.3	20.5
116269	2003 YB_{35}		5 10.9	274.°15	5.°6/ 6.8	18
4 1	15 36.89	− 4 36.1	2.131	2.937	13.6	19.3
4 11	15 33.27	− 3 42.9	2.028	2.915	11.0	19.0
4 21	15 27.49	− 2 49.0	1.947	2.892	8.3	18.8
5 1	15 20.00	− 1 59.2	1.891	2.869	6.0	18.6
5 11	15 11.52	− 1 18.8	1.862	2.845	5.8	18.6
5 21	15 2.91	− 0 52.0	1.860	2.821	8.0	18.7
5 31	14 55.06	− 0 42.2	1.883	2.797	11.0	18.8
6 10	14 48.74	− 0 50.3	1.929	2.772	14.1	18.9
380630	2004 UM_{1}		5 10.9	121.°14	1.°2/11.9	17
4 1	15 39.09	−25 5.8	2.183	2.955	14.4	21.1
4 11	15 34.80	−24 32.7	2.101	2.969	11.5	20.9
4 21	15 28.32	−23 46.6	2.040	2.982	8.2	20.7
5 1	15 20.28	−22 48.5	2.005	2.994	4.5	20.5
5 11	15 11.52	−21 41.4	1.998	3.006	1.3	20.3
5 21	15 2.97	−20 30.0	2.019	3.018	3.8	20.5
5 31	14 55.48	−19 19.7	2.069	3.029	7.4	20.7
6 10	14 49.72	−18 15.9	2.144	3.040	10.7	20.9
295207	2008 FV_{123}		5 10.9	168.°50	1.°5/ 8.4	18
4 1	15 27.62	−11 32.2	4.859	5.646	6.7	21.0
4 11	15 24.60	−10 52.6	4.766	5.648	5.3	20.9
4 21	15 20.75	−10 11.0	4.699	5.649	3.6	20.8
5 1	15 16.31	− 9 29.2	4.660	5.650	2.1	20.6
5 11	15 11.59	− 8 48.9	4.652	5.651	1.6	20.6
5 21	15 6.90	− 8 11.8	4.673	5.652	2.9	20.7
5 31	15 2.54	− 7 39.5	4.724	5.653	4.5	20.8
6 10	14 58.81	− 7 13.1	4.801	5.654	6.1	20.9
229317	2005 MJ_{12}		5 10.9	283.°37	2.°2/ 9.9	17
4 1	15 40.10	−14 35.1	1.304	2.132	19.3	20.2
4 11	15 37.45	−14 21.4	1.212	2.116	15.6	19.9
4 21	15 31.36	−14 0.5	1.138	2.099	11.0	19.6
5 1	15 22.33	−13 34.7	1.086	2.083	5.7	19.2
5 11	15 11.49	−13 8.2	1.058	2.066	2.3	19.0
5 21	15 0.35	−12 45.8	1.053	2.049	7.0	19.2
5 31	14 50.55	−12 33.0	1.072	2.033	12.6	19.4
6 10	14 43.40	−12 34.2	1.111	2.016	17.7	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
81809	2000 KB_{15}		5 10.9	330.°95	0.°3/10.7	18
	h m	° ′			°	m
4 1	15 34.32	−18 12.2	1.711	2.525	16.0	19.3
4 11	15 31.92	−18 5.5	1.615	2.511	12.8	19.1
4 21	15 26.91	−17 50.4	1.540	2.497	9.0	18.8
5 1	15 19.82	−17 28.1	1.489	2.485	4.6	18.5
5 11	15 11.53	−17 1.2	1.462	2.472	0.4	18.2
5 21	15 3.13	−16 33.4	1.462	2.461	4.9	18.5
5 31	14 55.76	−16 9.3	1.487	2.450	9.5	18.7
6 10	14 50.34	−15 53.0	1.534	2.440	13.6	18.9
509604	2008 EP_{67}		5 10.9	156.°20	3.°7/14.3	18
4 1	15 39.59	−32 43.4	3.157	3.875	11.4	22.4
4 11	15 34.72	−33 1.1	3.061	3.883	9.5	22.3
4 21	15 28.09	−33 7.9	2.988	3.891	7.4	22.2
5 1	15 20.14	−33 2.6	2.940	3.898	5.3	22.0
5 11	15 11.53	−32 45.1	2.919	3.904	3.8	21.9
5 21	15 2.97	−32 16.8	2.928	3.910	4.2	22.0
5 31	14 55.14	−31 40.3	2.966	3.916	6.0	22.1
6 10	14 48.64	−30 59.6	3.031	3.921	8.1	22.2
343481	2010 EH_{84}		5 10.9	211.°57	1.°7/ 9.6	17
4 1	15 36.98	−14 44.3	2.297	3.093	13.0	21.5
4 11	15 33.08	−14 13.5	2.202	3.088	10.3	21.3
4 21	15 27.18	−13 37.0	2.131	3.084	7.1	21.1
5 1	15 19.75	−12 57.2	2.085	3.079	3.7	20.9
5 11	15 11.54	−12 17.2	2.067	3.074	1.8	20.7
5 21	15 3.34	−11 40.6	2.078	3.069	4.7	20.9
5 31	14 55.97	−11 10.9	2.116	3.063	8.2	21.1
6 10	14 50.08	−10 51.0	2.179	3.057	11.3	21.3
334037	2001 BM_{76}		5 10.9	119.°37	4.°9/14.7	17
4 1	15 40.98	−34 5.0	2.176	2.912	15.4	21.1
4 11	15 36.64	−34 15.4	2.091	2.923	13.0	20.9
4 21	15 29.81	−34 9.3	2.026	2.934	10.1	20.7
5 1	15 21.12	−33 44.7	1.984	2.944	7.2	20.6
5 11	15 11.52	−33 1.8	1.968	2.954	5.1	20.4
5 21	15 2.09	−32 3.4	1.979	2.964	5.5	20.5
5 31	14 53.84	−30 55.0	2.018	2.974	7.9	20.6
6 10	14 47.55	−29 43.4	2.081	2.983	10.7	20.8
304412	2006 TM_{48}		5 10.9	224.°66	0.°3/10.6	16
4 1	15 36.78	−18 12.3	2.607	3.390	12.0	22.0
4 11	15 32.74	−18 0.5	2.505	3.382	9.5	21.8
4 21	15 26.86	−17 42.5	2.426	3.375	6.6	21.6
5 1	15 19.58	−17 19.3	2.373	3.367	3.4	21.3
5 11	15 11.55	−16 53.0	2.349	3.358	0.3	21.1
5 21	15 3.49	−16 25.9	2.353	3.350	3.6	21.3
5 31	14 56.14	−16 1.1	2.386	3.341	6.9	21.5
6 10	14 50.13	−15 41.4	2.445	3.332	9.9	21.7
508610	2017 SG_{23}		5 10.9	202.°67	1.°4/11.8	17
4 1	15 40.43	−23 26.5	2.197	2.970	14.2	22.6
4 11	15 36.08	−23 20.8	2.098	2.967	11.5	22.4
4 21	15 29.41	−23 4.8	2.020	2.962	8.2	22.2
5 1	15 20.95	−22 38.1	1.968	2.957	4.6	21.9
5 11	15 11.53	−22 2.5	1.943	2.952	1.4	21.7
5 21	15 2.10	−21 20.9	1.947	2.945	4.0	21.9
5 31	14 53.61	−20 37.6	1.979	2.939	7.8	22.1
6 10	14 46.85	−19 57.5	2.035	2.932	11.2	22.3
496499	2014 UW_{49}		5 10.9	267.°58	1.°7/11.7	17
4 1	15 41.50	−22 11.1	1.638	2.433	17.4	21.5
4 11	15 38.04	−22 24.2	1.534	2.415	14.2	21.2
4 21	15 31.49	−22 26.9	1.449	2.397	10.3	21.0
5 1	15 22.31	−22 18.1	1.387	2.379	5.7	20.6
5 11	15 11.51	−21 58.3	1.351	2.360	1.8	20.3
5 21	15 0.40	−21 30.2	1.341	2.340	5.2	20.5
5 31	14 50.42	−20 58.7	1.357	2.321	10.1	20.7
6 10	14 42.73	−20 29.9	1.395	2.301	14.7	21.0
277361	2005 TA_{164}		5 10.9	94.°45	0.°1/10.8	17
4 1	15 39.15	−20 20.4	1.837	2.632	15.8	21.4
4 11	15 35.20	−19 51.5	1.763	2.647	12.5	21.2
4 21	15 28.79	−19 11.8	1.709	2.661	8.7	21.0
5 1	15 20.58	−18 23.3	1.681	2.675	4.4	20.8
5 11	15 11.54	−17 29.5	1.679	2.689	0.2	20.4
5 21	15 2.72	−16 35.4	1.705	2.703	4.5	20.8
5 31	14 55.10	−15 46.2	1.757	2.716	8.7	21.1
6 10	14 49.43	−15 6.3	1.834	2.729	12.3	21.3
275382	2011 AH_{68}		5 10.9	121.°54	1.°8/12.0	17
4 1	15 41.15	−24 20.8	1.984	2.761	15.4	21.8
4 11	15 36.74	−24 18.8	1.903	2.773	12.5	21.7
4 21	15 29.87	−24 5.2	1.843	2.785	8.9	21.5
5 1	15 21.15	−23 39.8	1.808	2.796	5.0	21.2
5 11	15 11.54	−23 4.3	1.800	2.807	1.9	21.0
5 21	15 2.08	−22 22.1	1.820	2.818	4.2	21.2
5 31	14 53.78	−21 38.1	1.866	2.828	8.0	21.5
6 10	14 47.42	−20 57.4	1.938	2.838	11.5	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
76834	2000 SA_{244}		5 10.9	243.°58	2.°0/13.3	18
	h m	° ′			°	m
4 1	15 31.08	−28 17.0	4.525	5.262	7.9	19.6
4 11	15 27.53	−28 28.7	4.419	5.260	6.5	19.5
4 21	15 22.89	−28 34.2	4.338	5.258	4.9	19.4
5 1	15 17.45	−28 33.2	4.283	5.255	3.2	19.3
5 11	15 11.60	−28 26.0	4.257	5.253	2.0	19.2
5 21	15 5.73	−28 13.6	4.260	5.251	2.5	19.2
5 31	15 0.27	−27 57.5	4.293	5.249	4.1	19.3
6 10	14 55.56	−27 39.4	4.353	5.246	5.8	19.5
3912	Troja		5 10.9	140.°65	0.°7/11.2	18
4 1	15 40.94	−20 30.5	1.626	2.427	17.3	17.0
4 11	15 37.21	−20 31.2	1.544	2.430	13.9	16.8
4 21	15 30.57	−20 21.9	1.480	2.432	9.8	16.5
5 1	15 21.66	−20 2.7	1.441	2.434	5.1	16.3
5 11	15 11.54	−19 35.7	1.426	2.436	0.7	15.9
5 21	15 1.48	−19 4.6	1.439	2.438	4.9	16.2
5 31	14 52.71	−18 34.4	1.477	2.440	9.6	16.5
6 10	14 46.19	−18 10.2	1.538	2.442	13.7	16.8
250866	2005 UM_{351}		5 10.9	261.°31	1.°0/11.7	16
4 1	15 35.11	−23 47.6	2.469	3.245	12.8	20.5
4 11	15 31.61	−23 24.7	2.366	3.237	10.3	20.3
4 21	15 26.17	−22 51.0	2.285	3.228	7.3	20.1
5 1	15 19.26	−22 7.2	2.230	3.220	4.0	19.8
5 11	15 11.58	−21 15.5	2.203	3.212	1.1	19.6
5 21	15 3.91	−20 19.3	2.204	3.203	3.5	19.8
5 31	14 57.02	−19 23.0	2.234	3.194	7.0	20.0
6 10	14 51.57	−18 30.9	2.289	3.186	10.1	20.2
387721	2003 EP_1		5 10.9	72.°74	7.°1/16.1	17
4 1	15 44.79	−38 40.8	2.270	2.974	15.7	21.1
4 11	15 39.77	−39 39.8	2.199	2.997	13.5	21.0
4 21	15 32.07	−40 22.6	2.146	3.021	11.1	20.9
5 1	15 22.31	−40 45.1	2.117	3.045	8.9	20.7
5 11	15 11.54	−40 45.4	2.112	3.068	7.4	20.7
5 21	15 0.91	−40 24.6	2.134	3.092	7.3	20.7
5 31	14 51.55	−39 46.7	2.182	3.115	8.8	20.9
6 10	14 44.32	−38 58.1	2.254	3.138	10.8	21.0
175808	1999 RT_{175}		5 10.9	220.°80	1.°0/10.2	17
4 1	15 40.77	−17 44.3	2.039	2.829	14.6	21.7
4 11	15 36.49	−17 15.5	1.937	2.820	11.7	21.5
4 21	15 29.80	−16 38.0	1.858	2.809	8.1	21.3
5 1	15 21.21	−15 53.4	1.803	2.798	4.1	21.0
5 11	15 11.57	−15 4.8	1.777	2.786	1.0	20.7
5 21	15 1.87	−14 16.6	1.779	2.773	4.8	21.0
5 31	14 53.12	−13 33.5	1.808	2.760	8.9	21.2
6 10	14 46.16	−12 59.8	1.861	2.746	12.6	21.4
114858	2003 PO_9		5 10.9	244.°08	4.°4/13.2	18
4 1	15 43.01	−28 54.7	1.827	2.593	17.0	20.2
4 11	15 39.05	−29 21.5	1.723	2.580	14.2	19.9
4 21	15 32.06	−29 34.7	1.638	2.566	10.8	19.7
5 1	15 22.56	−29 31.4	1.575	2.552	7.1	19.4
5 11	15 11.55	−29 10.4	1.539	2.537	4.5	19.2
5 21	15 0.31	−28 33.2	1.529	2.522	5.7	19.3
5 31	14 50.21	−27 44.9	1.545	2.506	9.4	19.5
6 10	14 42.36	−26 52.7	1.585	2.490	13.3	19.7
131679	2001 XY_{186}		5 10.9	3.°70	5.°4/ 8.9	18
4 1	15 36.46	− 8 8.8	1.102	1.953	20.6	18.9
4 11	15 34.64	− 7 47.2	1.036	1.951	16.5	18.6
4 21	15 29.31	− 7 25.7	0.988	1.951	11.8	18.3
5 1	15 21.18	− 7 9.9	0.959	1.952	7.2	18.1
5 11	15 11.57	− 7 5.7	0.953	1.954	5.5	18.0
5 21	15 2.05	− 7 17.3	0.968	1.957	9.0	18.2
5 31	14 54.17	− 7 46.8	1.005	1.961	13.8	18.5
6 10	14 49.06	− 8 33.9	1.062	1.967	18.3	18.7
185346	2006 VH_{54}		5 10.9	107.°86	0.°4/10.6	17
4 1	15 36.13	−18 10.5	2.396	3.186	12.7	21.3
4 11	15 32.30	−17 53.7	2.310	3.192	10.1	21.1
4 21	15 26.56	−17 30.3	2.247	3.198	7.0	20.9
5 1	15 19.43	−17 1.6	2.210	3.204	3.5	20.7
5 11	15 11.60	−16 30.0	2.200	3.210	0.4	20.4
5 21	15 3.85	−15 58.5	2.219	3.216	3.8	20.7
5 31	14 56.93	−15 30.4	2.266	3.222	7.2	20.9
6 10	14 51.46	−15 8.5	2.338	3.227	10.2	21.1
264551	2001 SV_{224}		5 10.9	181.°59	0.°5/10.5	18
4 1	15 40.62	−17 43.9	2.189	2.976	13.9	21.5
4 11	15 36.09	−17 31.2	2.097	2.977	11.0	21.3
4 21	15 29.34	−17 11.6	2.027	2.977	7.7	21.1
5 1	15 20.91	−16 46.4	1.983	2.977	3.9	20.8
5 11	15 11.59	−16 17.8	1.967	2.976	0.5	20.5
5 21	15 2.30	−15 48.9	1.979	2.975	4.2	20.8
5 31	14 53.95	−15 23.3	2.019	2.973	8.0	21.1
6 10	14 47.27	−15 4.3	2.084	2.971	11.4	21.3

237172 2008 UN_{150} 5 10.9 112.°51 1.°6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.22	−15 48.6	2.001	2.803	14.5	21.7
4 11	15 33.53	−15 18.1	1.918	2.807	11.4	21.5
4 21	15 27.61	−14 40.7	1.857	2.812	7.9	21.2
5 1	15 20.03	−13 59.0	1.821	2.816	4.0	21.0
5 11	15 11.61	−13 16.6	1.813	2.821	1.6	20.9
5 21	15 3.29	−12 37.5	1.832	2.825	4.9	21.1
5 31	14 55.97	−12 5.7	1.877	2.829	8.7	21.3
6 10	14 50.36	−11 44.4	1.947	2.833	12.1	21.5

434074 2001 XK_{206} 5 10.9 141.°45 5.°1/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.22	− 0 28.1	2.758	3.544	11.3	21.4
4 11	15 33.49	+ 0 1.3	2.683	3.554	9.2	21.3
4 21	15 27.15	+ 0 26.8	2.631	3.563	7.1	21.2
5 1	15 19.65	+ 0 44.9	2.606	3.571	5.4	21.1
5 11	15 11.62	+ 0 53.0	2.608	3.580	5.2	21.1
5 21	15 3.69	+ 0 49.1	2.639	3.587	6.6	21.2
5 31	14 56.50	+ 0 32.4	2.698	3.595	8.7	21.3
6 10	14 50.54	+ 0 3.3	2.780	3.602	10.8	21.5

170868 2004 GF_{41} 5 10.9 97.°18 6.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.33	−39 5.3	2.425	3.126	14.9	20.5
4 11	15 37.60	−39 36.4	2.345	3.144	12.8	20.4
4 21	15 30.44	−39 51.0	2.285	3.161	10.5	20.3
5 1	15 21.45	−39 45.8	2.247	3.179	8.2	20.1
5 11	15 11.60	−39 20.2	2.235	3.196	6.6	20.1
5 21	15 1.92	−38 35.9	2.249	3.213	6.6	20.1
5 31	14 53.41	−37 37.4	2.290	3.230	8.0	20.2
6 10	14 46.83	−36 30.9	2.357	3.246	10.2	20.4

116986 2004 HC_{34} 5 10.9 219.°30 4.°7/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.06	− 6 40.9	1.864	2.671	15.1	20.2
4 11	15 35.97	− 6 10.5	1.778	2.668	12.2	20.0
4 21	15 29.44	− 5 40.4	1.714	2.664	8.8	19.8
5 1	15 21.02	− 5 14.5	1.675	2.660	5.7	19.6
5 11	15 11.61	− 4 57.3	1.662	2.656	4.9	19.5
5 21	15 2.21	− 4 52.0	1.676	2.652	7.3	19.7
5 31	14 53.84	− 5 0.9	1.716	2.647	10.8	19.9
6 10	14 47.31	− 5 24.7	1.778	2.643	14.1	20.1

219696 2001 XW_{18} 5 10.9 132.°15 3.°1/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.80	− 8 40.5	2.251	3.041	13.4	20.9
4 11	15 37.48	− 8 26.7	2.175	3.056	10.7	20.7
4 21	15 30.09	− 8 12.6	2.122	3.070	7.5	20.5
5 1	15 21.21	− 8 0.8	2.095	3.084	4.4	20.3
5 11	15 11.62	− 7 53.9	2.097	3.097	3.2	20.3
5 21	15 2.17	− 7 54.1	2.128	3.109	5.5	20.4
5 31	14 53.70	− 8 3.0	2.186	3.121	8.6	20.7
6 10	14 46.86	− 8 21.4	2.269	3.132	11.5	20.9

504061 2005 YE_{74} 5 10.9 6.°44 4.°1/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.60	−29 52.0	1.807	2.578	16.9	21.2
4 11	15 35.31	−30 0.1	1.718	2.578	14.0	21.0
4 21	15 29.24	−29 52.0	1.648	2.578	10.6	20.8
5 1	15 21.00	−29 25.8	1.601	2.578	7.0	20.6
5 11	15 11.62	−28 42.1	1.580	2.579	4.2	20.4
5 21	15 2.28	−27 44.4	1.584	2.579	5.3	20.5
5 31	14 54.18	−26 38.9	1.615	2.580	8.8	20.7
6 10	14 48.23	−25 33.0	1.669	2.580	12.4	20.9

71441 2000 AR_{226} 5 10.9 206.°31 2.°3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.78	−12 39.9	2.197	2.997	13.4	20.0
4 11	15 33.81	−12 14.8	2.106	2.994	10.6	19.8
4 21	15 27.75	−11 45.8	2.038	2.991	7.4	19.6
5 1	15 20.11	−11 15.3	1.995	2.988	4.0	19.3
5 11	15 11.64	−10 46.5	1.980	2.985	2.4	19.2
5 21	15 3.18	−10 22.8	1.993	2.981	5.1	19.4
5 31	14 55.59	−10 7.0	2.033	2.977	8.6	19.6
6 10	14 49.56	−10 1.5	2.097	2.973	11.8	19.8

427762 2004 TT_{106} 5 10.9 220.°55 0.°6/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.96	−21 4.7	2.387	3.162	13.2	22.1
4 11	15 35.54	−20 58.3	2.281	3.152	10.6	21.9
4 21	15 28.99	−20 43.7	2.198	3.142	7.5	21.6
5 1	15 20.77	−20 21.2	2.140	3.131	4.0	21.4
5 11	15 11.64	−19 52.2	2.111	3.120	0.6	21.1
5 21	15 2.43	−19 19.4	2.110	3.108	3.8	21.3
5 31	14 54.04	−18 46.5	2.138	3.096	7.4	21.5
6 10	14 47.19	−18 17.2	2.192	3.083	10.7	21.7

365082 2009 BD_{79} 5 10.9 63.°22 0.°4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.11	−20 45.6	1.361	2.176	19.3	21.2
4 11	15 36.93	−20 32.5	1.292	2.187	15.4	21.0
4 21	15 30.53	−20 6.5	1.242	2.198	10.8	20.8
5 1	15 21.68	−19 28.9	1.215	2.209	5.6	20.5
5 11	15 11.63	−18 43.2	1.211	2.221	0.4	20.1
5 21	15 1.82	−17 55.2	1.233	2.233	5.4	20.5
5 31	14 53.60	−17 11.4	1.279	2.245	10.5	20.9
6 10	14 47.94	−16 37.6	1.347	2.256	14.9	21.1

15466 Barlow 5 10.9 131.°08 7.°4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.49	+ 0 28.6	1.983	2.784	14.6	18.0
4 11	15 35.12	+ 1 35.0	1.917	2.795	12.0	17.9
4 21	15 28.58	+ 2 36.6	1.874	2.805	9.4	17.7
5 1	15 20.48	+ 3 27.4	1.855	2.815	7.7	17.6
5 11	15 11.65	+ 4 2.0	1.862	2.824	7.7	17.7
5 21	15 2.99	+ 4 16.9	1.895	2.833	9.4	17.8
5 31	14 55.38	+ 4 10.8	1.953	2.842	11.9	17.9
6 10	14 49.48	+ 3 44.7	2.032	2.850	14.4	18.1

420352 2012 BU_{73} 5 10.9 154.°65 3.°4/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.35	−28 7.9	1.694	2.471	17.7	21.7
4 11	15 37.61	−28 10.5	1.608	2.474	14.5	21.5
4 21	15 30.89	−27 56.8	1.541	2.477	10.8	21.3
5 1	15 21.86	−27 25.3	1.497	2.480	6.7	21.1
5 11	15 11.63	−26 37.2	1.479	2.482	3.5	20.9
5 21	15 1.48	−25 36.5	1.487	2.484	5.2	21.0
5 31	14 52.70	−24 29.9	1.521	2.486	9.2	21.2
6 10	14 46.24	−23 25.4	1.579	2.488	13.1	21.4

96879 1999 TG_{16} 5 10.9 176.°42 0.°4/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.49	−18 36.7	2.428	3.211	12.8	20.9
4 11	15 34.16	−18 13.9	2.336	3.213	10.1	20.7
4 21	15 27.88	−17 43.7	2.266	3.215	7.0	20.5
5 1	15 20.14	−17 7.4	2.222	3.216	3.5	20.3
5 11	15 11.65	−16 27.7	2.207	3.216	0.4	20.0
5 21	15 3.22	−15 47.7	2.220	3.216	3.9	20.3
5 31	14 55.63	−15 11.1	2.262	3.216	7.3	20.5
6 10	14 49.52	−14 41.2	2.330	3.215	10.4	20.7

105496 2000 QC_{229} 5 10.9 226.°01 0.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.15	−20 32.8	2.944	3.715	11.0	21.2
4 11	15 32.87	−20 25.0	2.834	3.703	8.8	21.0
4 21	15 26.90	−20 10.5	2.747	3.691	6.2	20.8
5 1	15 19.64	−19 49.9	2.687	3.679	3.3	20.6
5 11	15 11.66	−19 24.5	2.656	3.666	0.4	20.3
5 21	15 3.63	−18 56.6	2.655	3.652	3.1	20.5
5 31	14 56.23	−18 28.7	2.683	3.639	6.2	20.7
6 10	14 50.02	−18 3.8	2.737	3.624	9.0	20.9

240187 2002 QV_{101} 5 10.9 240.°27 0.°1/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.98	−18 35.9	2.248	3.037	13.5	21.3
4 11	15 34.07	−18 28.0	2.148	3.029	10.8	21.0
4 21	15 28.02	−18 13.1	2.070	3.020	7.5	20.8
5 1	15 20.29	−17 52.1	2.018	3.012	3.8	20.6
5 11	15 11.65	−17 27.0	1.993	3.003	0.1	20.2
5 21	15 2.96	−17 0.5	1.997	2.994	4.0	20.6
5 31	14 55.11	−16 36.1	2.028	2.985	7.8	20.8
6 10	14 48.83	−16 17.2	2.083	2.975	11.2	21.0

38589 1999 XV_{113} 5 10.9 325.°13 7.°2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.33	−38 3.3	2.125	2.851	16.0	18.4
4 11	15 34.35	−38 44.9	2.023	2.839	13.9	18.2
4 21	15 28.67	−39 10.0	1.939	2.828	11.5	18.0
5 1	15 20.79	−39 14.4	1.877	2.816	9.1	17.8
5 11	15 11.64	−38 56.2	1.839	2.806	7.4	17.7
5 21	15 2.37	−38 16.1	1.827	2.795	7.5	17.7
5 31	14 54.17	−37 18.2	1.839	2.785	9.2	17.8
6 10	14 48.00	−36 9.5	1.875	2.776	11.8	17.9

419517 2010 HU_{22} 5 10.9 255.°68 4.°4/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.67	−42 29.5	4.692	5.346	8.6	20.8
4 11	15 28.96	−42 46.4	4.584	5.342	7.6	20.7
4 21	15 23.98	−42 53.1	4.496	5.338	6.4	20.6
5 1	15 18.07	−42 48.5	4.433	5.334	5.3	20.5
5 11	15 11.68	−42 32.3	4.395	5.330	4.5	20.4
5 21	15 5.30	−42 5.2	4.385	5.326	4.4	20.4
5 31	14 59.41	−41 28.9	4.403	5.322	5.1	20.5
6 10	14 54.44	−40 45.8	4.446	5.317	6.1	20.5

380893 2006 DB_{89} 5 10.9 194.°17 1.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.89	−11 52.1	4.665	5.452	7.0	21.1
4 11	15 24.90	−11 27.9	4.570	5.452	5.5	21.0
4 21	15 21.02	−11 2.2	4.501	5.452	3.8	20.9
5 1	15 16.52	−10 36.2	4.460	5.451	2.1	20.8
5 11	15 11.71	−10 11.4	4.448	5.451	1.4	20.7
5 21	15 6.91	− 9 49.4	4.466	5.450	2.8	20.8
5 31	15 2.46	− 9 31.4	4.513	5.450	4.5	20.9
6 10	14 58.66	− 9 18.6	4.587	5.449	6.1	21.1

247134 2000 WQ_{39} 5 10.9 134.°08 2.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.82	−28 53.8	2.748	3.497	12.3	19.9
4 11	15 32.64	−28 18.5	2.655	3.505	10.0	19.8
4 21	15 26.69	−27 30.2	2.584	3.513	7.3	19.6
5 1	15 19.47	−26 29.4	2.539	3.520	4.4	19.4
5 11	15 11.67	−25 18.3	2.523	3.527	2.1	19.3
5 21	15 4.03	−24 0.7	2.537	3.534	3.3	19.4
5 31	14 57.23	−22 41.3	2.581	3.541	6.2	19.6
6 10	14 51.83	−21 25.2	2.651	3.548	8.9	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
39566	Carllewis		5 10.9	272.°83	2.°4/ 9.4	18
	h m	° ′			°	m
4 1	15 38.64	−15 32.1	1.687	2.498	16.3	19.0
4 11	15 35.49	−14 49.0	1.581	2.475	13.1	18.7
4 21	15 29.55	−13 55.7	1.495	2.452	9.2	18.4
5 1	15 21.30	−12 54.9	1.434	2.429	4.9	18.1
5 11	15 11.65	−11 51.5	1.398	2.405	2.5	17.9
5 21	15 1.77	−10 51.7	1.389	2.380	6.4	18.1
5 31	14 52.90	−10 1.9	1.405	2.356	11.1	18.3
6 10	14 46.07	− 9 27.3	1.444	2.331	15.5	18.5
377631	2005 TJ_{16}		5 10.9	215.°37	1.°3/11.7	17
4 1	15 40.63	−22 46.2	2.111	2.889	14.6	22.4
4 11	15 36.39	−22 43.8	2.011	2.883	11.8	22.2
4 21	15 29.76	−22 31.3	1.932	2.876	8.4	22.0
5 1	15 21.23	−22 8.6	1.878	2.868	4.6	21.8
5 11	15 11.66	−21 37.1	1.852	2.860	1.3	21.5
5 21	15 2.03	−20 59.7	1.853	2.852	4.1	21.7
5 31	14 53.37	−20 20.8	1.883	2.843	8.0	21.9
6 10	14 46.49	−19 45.0	1.937	2.834	11.6	22.1
304000	2006 BV_{229}		5 10.9	220.°30	0.°9/10.4	16
4 1	15 43.06	−17 4.6	1.730	2.528	16.5	21.9
4 11	15 38.82	−16 53.2	1.634	2.520	13.2	21.6
4 21	15 31.74	−16 34.0	1.559	2.512	9.3	21.4
5 1	15 22.35	−16 8.2	1.508	2.503	4.7	21.1
5 11	15 11.66	−15 38.6	1.483	2.493	0.9	20.8
5 21	15 0.85	−15 9.0	1.486	2.482	5.3	21.1
5 31	14 51.19	−14 44.0	1.515	2.471	10.0	21.3
6 10	14 43.67	−14 27.8	1.567	2.459	14.2	21.5
129140	2005 AO_{50}		5 10.9	311.°46	1.°9/ 8.3	18
4 1	15 28.18	− 9 43.4	4.338	5.129	7.4	19.9
4 11	15 25.20	− 9 13.8	4.245	5.128	5.8	19.8
4 21	15 21.27	− 8 43.1	4.178	5.127	4.1	19.6
5 1	15 16.66	− 8 13.0	4.138	5.126	2.5	19.5
5 11	15 11.73	− 7 45.3	4.128	5.125	2.0	19.5
5 21	15 6.81	− 7 21.5	4.147	5.124	3.3	19.6
5 31	15 2.27	− 7 3.2	4.195	5.124	5.0	19.7
6 10	14 58.42	− 6 51.4	4.269	5.123	6.7	19.8
84098	2002 RV_2		5 10.9	283.°14	1.°3/10.2	17
4 1	15 38.57	−16 56.8	1.652	2.463	16.7	20.0
4 11	15 35.57	−16 34.4	1.546	2.439	13.4	19.8
4 21	15 29.70	−16 2.5	1.459	2.416	9.4	19.5
5 1	15 21.42	−15 22.8	1.396	2.391	4.8	19.1
5 11	15 11.67	−14 38.9	1.358	2.367	1.4	18.8
5 21	15 1.62	−13 55.5	1.347	2.343	5.8	19.1
5 31	14 52.59	−13 18.4	1.360	2.318	10.7	19.3
6 10	14 45.65	−12 52.8	1.396	2.294	15.3	19.5
137999	2000 CM_{80}		5 10.9	212.°02	6.°6/15.1	18
4 1	15 46.70	−37 10.5	2.344	3.049	15.2	20.5
4 11	15 41.51	−37 54.8	2.236	3.040	13.2	20.3
4 21	15 33.53	−38 24.5	2.148	3.031	10.8	20.1
5 1	15 23.26	−38 35.3	2.083	3.021	8.4	20.0
5 11	15 11.65	−38 24.6	2.044	3.011	6.8	19.9
5 21	14 59.86	−37 52.6	2.032	2.999	6.9	19.8
5 31	14 49.13	−37 3.2	2.047	2.987	8.8	19.9
6 10	14 40.45	−36 2.9	2.088	2.973	11.4	20.1
109424	2001 QO_{194}		5 10.9	216.°91	3.°5/ 7.2	18
4 1	15 35.29	−10 12.8	2.676	3.472	11.4	20.3
4 11	15 31.42	− 8 56.7	2.580	3.465	9.0	20.2
4 21	15 25.88	− 7 35.8	2.508	3.457	6.4	20.0
5 1	15 19.10	− 6 14.0	2.463	3.449	4.1	19.8
5 11	15 11.70	− 4 56.2	2.448	3.440	3.8	19.8
5 21	15 4.33	− 3 46.8	2.463	3.431	5.8	19.9
5 31	14 57.63	− 2 49.7	2.505	3.422	8.5	20.0
6 10	14 52.16	− 2 7.3	2.572	3.412	11.1	20.2
409204	2003 WX_{25}		5 10.9	103.°34	1.°8/12.3	18
4 1	15 45.75	−24 39.1	3.139	3.875	11.1	24.8
4 11	15 39.19	−24 56.4	3.067	3.911	8.9	24.7
4 21	15 30.97	−25 6.1	3.018	3.945	6.4	24.6
5 1	15 21.57	−25 7.6	2.998	3.979	3.8	24.4
5 11	15 11.68	−25 1.4	3.008	4.012	1.8	24.3
5 21	15 1.98	−24 48.9	3.049	4.044	3.1	24.5
5 31	14 53.13	−24 32.5	3.122	4.075	5.6	24.7
6 10	14 45.66	−24 15.1	3.222	4.105	7.9	24.9
106262	2000 UZ_{60}		5 10.9	282.°72	3.°1/12.8	18
4 1	15 38.69	−26 36.9	2.309	3.073	13.9	19.8
4 11	15 34.81	−27 4.5	2.205	3.064	11.4	19.7
4 21	15 28.66	−27 22.5	2.123	3.054	8.5	19.4
5 1	15 20.69	−27 29.5	2.066	3.045	5.4	19.2
5 11	15 11.69	−27 25.1	2.035	3.036	3.2	19.1
5 21	15 2.57	−27 10.6	2.032	3.026	4.4	19.1
5 31	14 54.28	−26 49.0	2.057	3.017	7.5	19.3
6 10	14 47.64	−26 24.6	2.106	3.008	10.6	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
56976	2000 SS_{161}		5 10.9	188.°45	1.°4/ 9.1	18
	h m	° ′			°	m
4 1	15 29.32	−10 42.5	4.633	5.419	7.1	19.0
4 11	15 26.02	−10 31.0	4.538	5.418	5.5	18.9
4 21	15 21.80	−10 18.5	4.469	5.418	3.8	18.8
5 1	15 16.93	−10 6.4	4.427	5.418	2.2	18.6
5 11	15 11.74	− 9 56.0	4.415	5.417	1.5	18.6
5 21	15 6.56	− 9 48.2	4.433	5.417	2.8	18.7
5 31	15 1.73	− 9 44.4	4.480	5.416	4.5	18.8
6 10	14 57.55	− 9 45.2	4.554	5.416	6.2	18.9
366278	2013 AR_{74}		5 10.9	197.°36	7.°1/ 4.8	18
4 1	15 36.11	+ 5 40.5	2.700	3.483	11.6	20.8
4 11	15 31.98	+ 6 33.5	2.623	3.481	9.8	20.6
4 21	15 26.21	+ 7 19.9	2.569	3.478	8.2	20.5
5 1	15 19.26	+ 7 55.1	2.540	3.476	7.2	20.5
5 11	15 11.71	+ 8 15.4	2.538	3.473	7.4	20.5
5 21	15 4.23	+ 8 18.3	2.562	3.470	8.6	20.5
5 31	14 57.43	+ 8 3.1	2.611	3.467	10.4	20.6
6 10	14 51.86	+ 7 30.8	2.682	3.463	12.2	20.8
429572	2011 EF_1		5 10.9	309.°90	14.°2/28.3	18
4 1	15 34.81	+13 23.0	1.651	2.449	17.2	20.6
4 11	15 32.18	+15 36.6	1.591	2.439	15.6	20.5
4 21	15 27.00	+17 36.8	1.550	2.429	14.4	20.4
5 1	15 19.86	+19 12.3	1.530	2.419	14.2	20.3
5 11	15 11.71	+20 13.9	1.532	2.409	15.0	20.4
5 21	15 3.60	+20 36.8	1.553	2.399	16.5	20.4
5 31	14 56.59	+20 20.4	1.592	2.390	18.5	20.6
6 10	14 51.52	+19 28.4	1.647	2.381	20.4	20.7
38265	1999 RT_{22}		5 10.9	251.°67	2.°0/ 9.2	17
4 1	15 34.34	−14 18.1	2.510	3.308	12.0	19.3
4 11	15 30.86	−13 35.6	2.413	3.300	9.5	19.1
4 21	15 25.61	−12 47.3	2.338	3.292	6.6	18.9
5 1	15 19.01	−11 55.8	2.290	3.283	3.5	18.7
5 11	15 11.72	−11 4.7	2.270	3.275	2.1	18.6
5 21	15 4.43	−10 17.7	2.279	3.266	4.6	18.8
5 31	14 57.86	− 9 38.3	2.315	3.258	7.8	18.9
6 10	14 52.59	− 9 9.3	2.376	3.249	10.7	19.1
379676	2011 FC_{19}		5 10.9	43.°24	2.°2/ 9.7	17
4 1	15 37.53	−14 25.8	1.586	2.405	16.9	21.0
4 11	15 34.31	−14 1.0	1.517	2.416	13.3	20.8
4 21	15 28.42	−13 30.1	1.468	2.427	9.2	20.6
5 1	15 20.54	−12 56.0	1.443	2.438	4.8	20.3
5 11	15 11.71	−12 23.2	1.443	2.450	2.3	20.2
5 21	15 3.06	−11 55.8	1.469	2.462	5.8	20.5
5 31	14 55.70	−11 38.0	1.520	2.475	10.1	20.7
6 10	14 50.42	−11 32.4	1.593	2.488	13.8	21.0
279797	1999 YC_{26}		5 10.9	228.°03	1.°6/ 9.8	18
4 1	15 37.92	−14 39.4	2.189	2.986	13.5	21.5
4 11	15 34.01	−14 20.2	2.094	2.980	10.7	21.3
4 21	15 27.97	−13 55.8	2.021	2.974	7.4	21.0
5 1	15 20.28	−13 28.3	1.974	2.968	3.9	20.8
5 11	15 11.72	−13 0.6	1.954	2.962	1.7	20.6
5 21	15 3.14	−12 35.7	1.963	2.955	4.7	20.8
5 31	14 55.42	−12 16.9	1.998	2.949	8.4	21.0
6 10	14 49.27	−12 6.9	2.059	2.942	11.7	21.2
431820	2008 RD_{105}		5 10.9	276.°75	3.°9/ 8.3	16
4 1	15 38.09	− 9 54.5	1.996	2.803	14.3	21.2
4 11	15 34.54	− 9 11.1	1.886	2.776	11.5	21.0
4 21	15 28.62	− 8 23.2	1.797	2.750	8.2	20.7
5 1	15 20.76	− 7 34.6	1.733	2.723	5.1	20.5
5 11	15 11.74	− 6 50.0	1.697	2.695	4.1	20.4
5 21	15 2.49	− 6 14.1	1.687	2.667	6.9	20.5
5 31	14 54.04	− 5 51.3	1.704	2.639	10.6	20.6
6 10	14 47.26	− 5 44.0	1.743	2.610	14.2	20.8
119051	2001 JK_5		5 10.9	277.°88	0.°9/10.5	16
4 1	15 40.29	−17 21.2	1.377	2.197	18.9	20.2
4 11	15 37.50	−17 12.6	1.284	2.182	15.2	19.9
4 21	15 31.36	−16 54.7	1.209	2.167	10.7	19.6
5 1	15 22.40	−16 28.5	1.155	2.151	5.5	19.2
5 11	15 11.72	−15 57.3	1.126	2.136	0.9	18.9
5 21	15 0.77	−15 25.7	1.122	2.120	6.2	19.2
5 31	14 51.13	−14 59.6	1.142	2.105	11.7	19.4
6 10	14 44.05	−14 44.4	1.182	2.089	16.7	19.7
320555	2008 AM_{42}		5 10.9	99.°51	7.°4/ 6.6	18
4 1	15 39.78	− 2 32.1	1.650	2.465	16.5	20.8
4 11	15 35.79	− 1 21.4	1.588	2.478	13.4	20.6
4 21	15 29.28	− 0 13.4	1.548	2.490	10.2	20.5
5 1	15 20.93	+ 0 44.7	1.531	2.503	7.8	20.4
5 11	15 11.74	+ 1 26.5	1.539	2.515	7.6	20.4
5 21	15 2.79	+ 1 47.5	1.573	2.527	9.8	20.5
5 31	14 55.09	+ 1 46.0	1.631	2.538	12.7	20.7
6 10	14 49.40	+ 1 22.9	1.709	2.550	15.7	21.0

323362 2003 WF_6 5 10.9 115.°22 1.°2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.32	−23 54.5	1.843	2.624	16.3	21.5
4 11	15 37.76	−23 30.2	1.769	2.642	13.1	21.3
4 21	15 30.63	−22 52.6	1.714	2.659	9.2	21.1
5 1	15 21.61	−22 2.5	1.685	2.675	5.0	20.9
5 11	15 11.73	−21 3.0	1.682	2.691	1.2	20.7
5 21	15 2.12	−19 59.1	1.707	2.706	4.3	20.9
5 31	14 53.82	−18 57.0	1.760	2.721	8.5	21.2
6 10	14 47.58	−18 2.3	1.837	2.735	12.1	21.4

133321 2003 SE_{88} 5 10.9 261.°41 3.°3/ 8.6 18

4 1	15 36.25	−11 37.0	1.965	2.776	14.4	19.9
4 11	15 32.85	−10 51.1	1.880	2.773	11.4	19.7
4 21	15 27.23	−10 0.5	1.816	2.771	8.0	19.5
5 1	15 19.92	− 9 8.8	1.777	2.769	4.6	19.3
5 11	15 11.75	− 8 20.8	1.766	2.767	3.5	19.2
5 21	15 3.62	− 7 41.1	1.781	2.764	6.2	19.3
5 31	14 56.45	− 7 13.4	1.822	2.762	9.7	19.5
6 10	14 50.96	− 7 0.1	1.887	2.760	13.0	19.7

415170 2012 FD_{61} 5 10.9 106.°63 1.°2/10.2 16

4 1	15 41.41	−16 35.5	1.743	2.545	16.3	22.5
4 11	15 37.14	−16 16.4	1.670	2.559	12.9	22.3
4 21	15 30.27	−15 49.9	1.618	2.572	8.9	22.1
5 1	15 21.47	−15 18.2	1.590	2.585	4.5	21.9
5 11	15 11.74	−14 44.7	1.589	2.598	1.2	21.7
5 21	15 2.21	−14 13.2	1.615	2.610	5.1	21.9
5 31	14 53.94	−13 48.2	1.667	2.622	9.3	22.2
6 10	14 47.72	−13 32.8	1.743	2.634	13.0	22.5

395075 2009 HL_{14} 5 10.9 36.°24 6.°4/ 5.5 17

4 1	15 33.06	− 5 3.2	1.918	2.739	14.3	20.7
4 11	15 30.19	− 3 26.3	1.854	2.749	11.5	20.5
4 21	15 25.26	− 1 48.6	1.812	2.759	8.6	20.4
5 1	15 18.85	− 0 17.1	1.796	2.770	6.6	20.3
5 11	15 11.77	+ 1 1.3	1.806	2.781	6.8	20.3
5 21	15 4.86	+ 2 1.0	1.843	2.793	8.8	20.5
5 31	14 58.92	+ 2 38.8	1.903	2.805	11.5	20.6
6 10	14 54.58	+ 2 54.4	1.985	2.817	14.1	20.8

475783 2006 XR_2 5 10.9 202.°06 1.°2/10.1 18

4 1	15 38.50	−14 10.1	2.528	3.316	12.2	22.0
4 11	15 34.14	−14 10.3	2.433	3.314	9.7	21.9
4 21	15 27.89	−14 7.4	2.361	3.312	6.7	21.7
5 1	15 20.21	−14 2.7	2.316	3.310	3.4	21.5
5 11	15 11.76	−13 57.8	2.299	3.307	1.2	21.3
5 21	15 3.31	−13 54.7	2.311	3.304	4.0	21.5
5 31	14 55.59	−13 55.3	2.351	3.302	7.3	21.7
6 10	14 49.25	−14 1.4	2.417	3.298	10.2	21.9

286094 2001 TZ_{36} 5 10.9 107.°77 3.°5/14.6 17

4 1	15 39.83	−34 0.6	2.750	3.471	12.9	20.4
4 11	15 35.01	−33 38.2	2.667	3.492	10.7	20.2
4 21	15 28.31	−33 0.9	2.604	3.511	8.2	20.1
5 1	15 20.31	−32 8.3	2.567	3.531	5.6	19.9
5 11	15 11.76	−31 1.9	2.559	3.549	3.7	19.8
5 21	15 3.46	−29 45.2	2.579	3.568	4.1	19.9
5 31	14 56.14	−28 23.1	2.629	3.586	6.3	20.1
6 10	14 50.36	−27 1.1	2.706	3.604	8.7	20.2

379326 2009 WF_{52} 5 10.9 171.°42 5.°2/ 7.4 17

4 1	15 41.75	− 1 24.4	2.565	3.347	12.2	21.6
4 11	15 36.46	− 0 53.8	2.482	3.352	9.9	21.4
4 21	15 29.34	− 0 26.7	2.423	3.356	7.5	21.3
5 1	15 20.88	− 0 6.6	2.390	3.359	5.6	21.2
5 11	15 11.76	+ 0 3.2	2.386	3.361	5.3	21.2
5 21	15 2.72	+ 0 0.6	2.410	3.363	6.9	21.3
5 31	14 54.47	− 0 15.4	2.462	3.364	9.2	21.4
6 10	14 47.62	− 0 44.6	2.538	3.364	11.6	21.6

366579 2002 TP_{105} 5 10.9 269.°15 0.°7/10.4 17

4 1	15 37.97	−19 30.0	1.721	2.525	16.4	21.4
4 11	15 34.88	−18 54.7	1.620	2.510	13.1	21.1
4 21	15 29.06	−18 6.7	1.539	2.494	9.2	20.8
5 1	15 21.03	−17 8.0	1.482	2.478	4.7	20.5
5 11	15 11.75	−16 2.4	1.452	2.462	0.8	20.2
5 21	15 2.35	−14 55.7	1.448	2.445	5.3	20.5
5 31	14 54.02	−13 54.7	1.470	2.429	10.0	20.7
6 10	14 47.73	−13 5.2	1.515	2.412	14.3	20.9

497365 2005 UY_{260} 5 10.9 148.°01 0.°6/10.4 17

4 1	15 39.91	−18 35.8	2.365	3.146	13.1	23.2
4 11	15 35.26	−18 5.6	2.280	3.157	10.4	23.0
4 21	15 28.63	−17 27.6	2.219	3.167	7.2	22.9
5 1	15 20.54	−16 43.5	2.183	3.177	3.6	22.6
5 11	15 11.76	−15 56.3	2.176	3.186	0.6	22.4
5 21	15 3.12	−15 9.5	2.199	3.194	4.0	22.7
5 31	14 55.39	−14 27.2	2.250	3.202	7.4	22.9
6 10	14 49.21	−13 52.6	2.326	3.209	10.5	23.1

215089 Hermanfrid 5 10.9 199.°37 0.°8/ 9.9 18

	h m	° ′			°	m
4 1	15 31.74	−15 32.4	4.081	4.859	8.1	21.8
4 11	15 28.07	−15 12.4	3.979	4.856	6.3	21.6
4 21	15 23.31	−14 49.1	3.902	4.851	4.4	21.5
5 1	15 17.75	−14 23.6	3.853	4.847	2.2	21.3
5 11	15 11.79	−13 57.7	3.834	4.842	0.8	21.2
5 21	15 5.85	−13 32.8	3.845	4.837	2.7	21.3
5 31	15 0.32	−13 10.9	3.886	4.832	4.8	21.5
6 10	14 55.58	−12 53.3	3.953	4.826	6.8	21.6

373371 2012 LO_{15} 5 10.9 341.°18 1.°4/10.1 17

4 1	15 31.48	−18 3.6	1.289	2.128	18.9	19.7
4 11	15 30.48	−17 30.0	1.205	2.115	15.1	19.4
4 21	15 26.39	−16 43.0	1.140	2.104	10.5	19.1
5 1	15 19.79	−15 45.5	1.096	2.093	5.3	18.7
5 11	15 11.77	−14 43.1	1.075	2.084	1.5	18.5
5 21	15 3.68	−13 43.0	1.077	2.076	6.4	18.7
5 31	14 56.93	−12 52.9	1.103	2.069	11.7	19.0
6 10	14 52.58	−12 18.9	1.148	2.063	16.4	19.3

307397 2002 TY_{82} 5 10.9 181.°53 0.°9/10.3 17

4 1	15 39.95	−18 12.9	1.969	2.762	15.0	21.3
4 11	15 35.84	−17 40.9	1.879	2.763	11.9	21.1
4 21	15 29.34	−16 59.7	1.812	2.764	8.2	20.9
5 1	15 21.02	−16 11.3	1.769	2.764	4.2	20.6
5 11	15 11.76	−15 19.3	1.754	2.763	0.9	20.4
5 21	15 2.57	−14 28.0	1.767	2.762	4.7	20.6
5 31	14 54.42	−13 42.6	1.807	2.761	8.8	20.9
6 10	14 48.10	−13 7.1	1.871	2.759	12.4	21.1

361593 2007 RE_{277} 5 10.9 265.°39 1.°6/10.2 17

4 1	15 42.97	−14 10.8	1.597	2.405	17.3	21.0
4 11	15 39.17	−14 12.5	1.496	2.388	13.9	20.8
4 21	15 32.30	−14 10.1	1.415	2.370	9.8	20.5
5 1	15 22.82	−14 4.9	1.357	2.352	5.1	20.1
5 11	15 11.75	−13 59.4	1.325	2.333	1.7	19.9
5 21	15 0.35	−13 56.3	1.319	2.314	6.0	20.1
5 31	14 50.05	−13 59.3	1.338	2.295	11.0	20.3
6 10	14 42.01	−14 11.3	1.380	2.276	15.5	20.5

384416 2009 WZ_{194} 5 10.9 263.°29 5.°4/ 7.7 18

4 1	15 39.00	− 5 15.0	1.909	2.717	14.8	20.3
4 11	15 35.21	− 4 34.5	1.814	2.703	12.0	20.1
4 21	15 29.03	− 3 54.3	1.741	2.688	8.9	19.9
5 1	15 20.94	− 3 19.0	1.692	2.674	6.2	19.7
5 11	15 11.77	− 2 53.5	1.670	2.659	5.6	19.6
5 21	15 2.52	− 2 42.0	1.674	2.643	8.0	19.7
5 31	14 54.17	− 2 47.0	1.704	2.628	11.3	19.9
6 10	14 47.59	− 3 9.2	1.756	2.612	14.6	20.0

196840 2003 SM_{253} 5 10.9 285.°89 2.°0/12.0 17

4 1	15 38.99	−23 14.2	1.914	2.701	15.6	20.6
4 11	15 35.51	−23 29.9	1.813	2.689	12.7	20.4
4 21	15 29.42	−23 36.0	1.733	2.677	9.2	20.1
5 1	15 21.21	−23 31.5	1.676	2.665	5.3	19.9
5 11	15 11.77	−23 16.9	1.646	2.653	2.1	19.6
5 21	15 2.18	−22 54.4	1.642	2.641	4.5	19.8
5 31	14 53.57	−22 28.0	1.665	2.629	8.6	20.0
6 10	14 46.89	−22 2.7	1.712	2.618	12.5	20.2

376536 2012 TP 5 10.9 323.°10 0.°8/ 9.8 18

4 1	15 28.68	−15 12.3	4.281	5.065	7.6	21.1
4 11	15 25.65	−14 50.6	4.184	5.064	6.0	21.0
4 21	15 21.62	−14 25.9	4.112	5.062	4.1	20.9
5 1	15 16.90	−13 59.5	4.067	5.061	2.1	20.7
5 11	15 11.82	−13 32.9	4.052	5.060	0.9	20.6
5 21	15 6.75	−13 7.7	4.067	5.059	2.6	20.7
5 31	15 2.08	−12 45.6	4.111	5.058	4.6	20.9
6 10	14 58.12	−12 28.0	4.181	5.056	6.4	21.0

504664 2009 BR_{85} 5 10.9 78.°79 3.°0/13.1 17

4 1	15 38.80	−27 56.9	2.114	2.880	15.0	21.9
4 11	15 34.86	−28 1.1	2.035	2.894	12.2	21.7
4 21	15 28.59	−27 52.3	1.976	2.907	9.0	21.5
5 1	15 20.60	−27 29.7	1.941	2.921	5.6	21.3
5 11	15 11.78	−26 54.5	1.933	2.935	3.1	21.2
5 21	15 3.12	−26 9.8	1.952	2.948	4.3	21.3
5 31	14 55.54	−25 20.3	1.999	2.962	7.5	21.5
6 10	14 49.79	−24 31.5	2.070	2.975	10.7	21.7

371642 2007 BM_{27} 5 10.9 132.°75 6.°7/ 6.6 18

4 1	15 40.41	− 0 46.5	2.061	2.859	14.2	21.5
4 11	15 35.78	+ 0 10.9	1.994	2.871	11.6	21.3
4 21	15 29.03	+ 1 4.3	1.949	2.883	9.0	21.2
5 1	15 20.76	+ 1 48.3	1.929	2.895	7.0	21.1
5 11	15 11.78	+ 2 18.1	1.937	2.906	6.9	21.1
5 21	15 2.99	+ 2 30.4	1.970	2.916	8.6	21.2
5 31	14 55.22	+ 2 24.0	2.029	2.926	11.2	21.4
6 10	14 49.12	+ 1 59.6	2.111	2.935	13.7	21.5

297791 2001 YE_{22} 5 10.9 155.°63 1.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.01	−24 15.9	1.915	2.688	16.0	22.3
4 11	15 39.18	−24 3.8	1.829	2.697	12.9	22.1
4 21	15 31.70	−23 38.9	1.765	2.706	9.3	21.9
5 1	15 22.23	−23 1.3	1.724	2.713	5.1	21.7
5 11	15 11.77	−22 12.9	1.711	2.720	1.6	21.4
5 21	15 1.45	−21 18.0	1.727	2.725	4.4	21.6
5 31	14 52.36	−20 22.2	1.770	2.730	8.5	21.9
6 10	14 45.35	−19 31.4	1.837	2.734	12.2	22.1

394727 2008 EZ_{131} 5 10.9 266.°07 4.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.82	−29 54.2	2.480	3.223	13.6	21.0
4 11	15 36.46	−30 40.1	2.376	3.216	11.3	20.8
4 21	15 29.81	−31 16.3	2.294	3.210	8.8	20.6
5 1	15 21.33	−31 40.3	2.237	3.203	6.1	20.5
5 11	15 11.78	−31 50.9	2.206	3.196	4.4	20.3
5 21	15 2.07	−31 48.3	2.204	3.189	5.1	20.4
5 31	14 53.17	−31 35.0	2.229	3.182	7.5	20.5
6 10	14 45.89	−31 15.1	2.280	3.175	10.2	20.7

181086 2005 QL_{46} 5 10.9 72.°13 6.°8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.58	+ 0 22.3	2.260	3.064	12.9	20.1
4 11	15 31.02	+ 1 36.2	2.197	3.077	10.6	19.9
4 21	15 25.66	+ 2 46.1	2.158	3.089	8.4	19.8
5 1	15 19.02	+ 3 46.3	2.144	3.101	7.0	19.7
5 11	15 11.81	+ 4 32.0	2.156	3.114	7.1	19.8
5 21	15 4.74	+ 4 59.7	2.195	3.126	8.7	19.9
5 31	14 58.53	+ 5 7.9	2.258	3.139	10.8	20.0
6 10	14 53.72	+ 4 57.2	2.342	3.151	13.0	20.2

505997 2015 GO_{43} 5 10.9 151.°89 0.°5/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.66	−15 32.9	2.125	2.915	14.1	21.4
4 11	15 37.04	−15 48.0	2.036	2.917	11.2	21.2
4 21	15 30.12	−15 59.6	1.969	2.919	7.8	21.0
5 1	15 21.43	−16 8.3	1.927	2.921	4.0	20.7
5 11	15 11.79	−16 15.1	1.914	2.923	0.6	20.4
5 21	15 2.14	−16 21.7	1.929	2.925	4.3	20.7
5 31	14 53.44	−16 30.1	1.971	2.927	8.1	21.0
6 10	14 46.46	−16 42.5	2.039	2.928	11.5	21.2

383651 2007 TD_{15} 5 10.9 68.°68 3.°2/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 49.06	−31 51.5	1.056	1.851	25.0	20.2
4 11	15 44.42	−30 45.9	1.011	1.888	20.3	20.0
4 21	15 35.64	−29 9.3	0.983	1.925	14.7	19.8
5 1	15 24.10	−27 3.6	0.975	1.961	8.5	19.6
5 11	15 11.77	−24 38.0	0.990	1.997	3.4	19.4
5 21	15 0.56	−22 7.2	1.032	2.032	6.0	19.7
5 31	14 51.96	−19 46.9	1.097	2.067	11.3	20.1
6 10	14 46.72	−17 48.9	1.185	2.101	16.0	20.4

240713 2005 GK_{110} 5 10.9 270.°43 0.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.35	−20 44.7	2.150	2.938	14.0	20.9
4 11	15 33.75	−20 40.7	2.051	2.930	11.3	20.7
4 21	15 27.91	−20 28.2	1.975	2.923	7.9	20.5
5 1	15 20.33	−20 7.7	1.923	2.916	4.2	20.2
5 11	15 11.80	−19 40.9	1.899	2.908	0.6	19.9
5 21	15 3.23	−19 10.6	1.902	2.901	4.0	20.2
5 31	14 55.53	−18 40.7	1.932	2.893	7.8	20.4
6 10	14 49.49	−18 15.2	1.987	2.886	11.3	20.6

287972 2003 UX_{147} 5 10.9 187.°67 2.°7/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.02	−12 46.2	2.040	2.837	14.4	22.2
4 11	15 36.54	−12 6.6	1.951	2.837	11.4	22.0
4 21	15 29.77	−11 21.8	1.884	2.836	8.0	21.8
5 1	15 21.24	−10 34.7	1.842	2.834	4.4	21.6
5 11	15 11.80	− 9 49.7	1.828	2.832	2.9	21.5
5 21	15 2.40	− 9 10.8	1.843	2.829	5.7	21.6
5 31	14 53.99	− 8 42.0	1.884	2.825	9.4	21.9
6 10	14 47.33	− 8 25.9	1.949	2.820	12.8	22.1

256676 2007 YU_{24} 5 10.9 323.°24 1.°1/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.60	−16 18.3	1.245	2.082	19.5	20.3
4 11	15 34.08	−16 17.2	1.155	2.064	15.7	19.9
4 21	15 29.18	−16 8.1	1.083	2.046	11.1	19.6
5 1	15 21.38	−15 52.5	1.032	2.030	5.7	19.3
5 11	15 11.80	−15 33.8	1.004	2.014	1.2	18.9
5 21	15 1.92	−15 16.2	0.999	1.999	6.5	19.2
5 31	14 53.37	−15 5.2	1.016	1.984	12.2	19.5
6 10	14 47.47	−15 5.4	1.054	1.971	17.3	19.7

169663 2002 JJ_{70} 5 10.9 349.°70 6.°7/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.19	− 5 52.0	1.520	2.355	16.7	19.5
4 11	15 31.07	− 4 40.0	1.445	2.349	13.5	19.2
4 21	15 26.35	− 3 26.3	1.390	2.345	10.0	19.0
5 1	15 19.60	− 2 18.1	1.359	2.341	7.3	18.8
5 11	15 11.82	− 1 22.9	1.351	2.337	7.0	18.8
5 21	15 4.09	− 0 46.9	1.368	2.335	9.6	19.0
5 31	14 57.50	− 0 33.7	1.408	2.333	13.1	19.1
6 10	14 52.91	− 0 44.1	1.467	2.332	16.5	19.4

131170 2001 CD_{34} 5 10.9 116.°16 3.°1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 41.94	− 8 41.3	2.202	2.994	13.6	20.2
4 11	15 36.90	− 8 29.4	2.128	3.010	10.8	20.0
4 21	15 29.78	− 8 17.4	2.076	3.025	7.6	19.8
5 1	15 21.15	− 8 7.9	2.051	3.040	4.5	19.7
5 11	15 11.82	− 8 3.3	2.054	3.054	3.2	19.6
5 21	15 2.64	− 8 5.8	2.085	3.068	5.5	19.8
5 31	14 54.44	− 8 17.1	2.144	3.081	8.7	20.0
6 10	14 47.86	− 8 37.7	2.228	3.094	11.6	20.2

331492 1999 RG_{168} 5 10.9 174.°57 3.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.74	− 8 34.9	2.441	3.237	12.3	21.4
4 11	15 33.48	− 7 44.6	2.355	3.240	9.8	21.3
4 21	15 27.38	− 6 52.2	2.293	3.242	7.0	21.1
5 1	15 19.94	− 6 1.2	2.258	3.243	4.5	20.9
5 11	15 11.83	− 5 15.8	2.251	3.244	3.9	20.9
5 21	15 3.79	− 4 39.5	2.273	3.245	6.0	21.0
5 31	14 56.54	− 4 15.1	2.322	3.245	8.8	21.2
6 10	14 50.68	− 4 4.2	2.395	3.244	11.4	21.4

338649 2003 SO_{326} 5 10.9 200.°84 1.°0/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.09	−21 50.1	2.183	2.964	14.1	22.0
4 11	15 35.07	−21 49.2	2.088	2.962	11.3	21.8
4 21	15 28.79	−21 39.4	2.015	2.960	8.0	21.5
5 1	15 20.77	−21 20.8	1.967	2.957	4.3	21.3
5 11	15 11.83	−20 54.9	1.946	2.955	1.0	21.1
5 21	15 2.88	−20 24.5	1.953	2.952	3.9	21.3
5 31	14 54.85	−19 53.3	1.988	2.949	7.7	21.5
6 10	14 48.50	−19 25.5	2.048	2.945	11.1	21.7

216436 2009 DR_{69} 5 10.9 25.°27 0.°7/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.83	−21 11.2	2.049	2.840	14.5	21.0
4 11	15 33.37	−21 6.6	1.961	2.842	11.6	20.8
4 21	15 27.64	−20 52.9	1.895	2.844	8.2	20.6
5 1	15 20.19	−20 30.6	1.854	2.846	4.3	20.4
5 11	15 11.84	−20 1.8	1.839	2.849	0.8	20.1
5 21	15 3.53	−19 29.6	1.852	2.851	4.0	20.4
5 31	14 56.20	−18 57.9	1.892	2.854	7.9	20.6
6 10	14 50.58	−18 30.9	1.956	2.857	11.3	20.8

158426 2002 BH_{10} 5 10.9 141.°71 3.°2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.90	− 9 46.2	2.400	3.192	12.6	20.7
4 11	15 35.12	− 9 7.9	2.323	3.205	10.0	20.5
4 21	15 28.47	− 8 27.6	2.268	3.217	7.0	20.3
5 1	15 20.47	− 7 48.3	2.241	3.229	4.2	20.2
5 11	15 11.84	− 7 13.5	2.242	3.240	3.3	20.1
5 21	15 3.34	− 6 46.5	2.272	3.251	5.5	20.3
5 31	14 55.72	− 6 29.6	2.330	3.261	8.4	20.5
6 10	14 49.57	− 6 24.3	2.413	3.270	11.1	20.7

363097 2000 SV_{307} 5 10.9 234.°61 2.°7/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.36	−26 43.4	1.890	2.661	16.3	21.5
4 11	15 38.31	−26 40.3	1.784	2.648	13.4	21.2
4 21	15 31.45	−26 22.6	1.698	2.634	9.9	21.0
5 1	15 22.30	−25 49.2	1.636	2.620	6.0	20.7
5 11	15 11.84	−25 0.8	1.600	2.605	2.8	20.5
5 21	15 1.23	−24 0.8	1.591	2.589	4.8	20.6
5 31	14 51.71	−22 55.4	1.610	2.573	8.9	20.8
6 10	14 44.30	−21 51.8	1.653	2.556	13.0	21.0

145506 2006 DH_{10} 5 10.9 50.°90 1.°2/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.26	−21 25.8	1.719	2.517	16.6	19.6
4 11	15 35.68	−21 33.6	1.645	2.528	13.3	19.4
4 21	15 29.42	−21 31.5	1.591	2.540	9.4	19.2
5 1	15 21.13	−21 19.6	1.560	2.552	5.1	18.9
5 11	15 11.84	−20 59.7	1.555	2.564	1.2	18.7
5 21	15 2.70	−20 34.9	1.577	2.576	4.5	18.9
5 31	14 54.80	−20 9.5	1.624	2.589	8.7	19.2
6 10	14 48.99	−19 48.3	1.695	2.602	12.5	19.5

514078 2014 SP_{349} 5 10.9 246.°96 6.°2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.24	+16 19.7	4.578	5.316	7.8	21.4
4 11	15 26.76	+16 58.1	4.511	5.313	7.0	21.3
4 21	15 22.34	+17 28.6	4.467	5.310	6.4	21.3
5 1	15 17.27	+17 48.5	4.447	5.308	6.2	21.2
5 11	15 11.88	+17 56.1	4.453	5.305	6.4	21.3
5 21	15 6.54	+17 50.1	4.483	5.302	7.0	21.3
5 31	15 1.58	+17 30.5	4.536	5.299	7.8	21.4
6 10	14 57.32	+16 58.0	4.611	5.296	8.7	21.4

297650 2001 TA_{213} 5 10.9 162.°11 1.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.48	−23 54.6	2.360	3.136	13.3	20.6
4 11	15 32.78	−23 34.0	2.268	3.138	10.7	20.4
4 21	15 27.06	−23 2.4	2.196	3.139	7.6	20.2
5 1	15 19.83	−22 20.7	2.151	3.140	4.2	20.0
5 11	15 11.86	−21 31.0	2.133	3.142	1.2	19.8
5 21	15 3.95	−20 36.9	2.144	3.143	3.6	20.0
5 31	14 56.91	−19 42.7	2.182	3.144	7.1	20.2
6 10	14 51.40	−18 53.0	2.246	3.144	10.2	20.4

14888 Kanazawashi 5 10.9 238.°03 1.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.58	−16 59.7	1.689	2.494	16.6	18.9
4 11	15 36.95	−16 17.1	1.591	2.482	13.3	18.7
4 21	15 30.51	−15 23.4	1.514	2.469	9.3	18.4
5 1	15 21.82	−14 21.2	1.461	2.456	4.8	18.1
5 11	15 11.84	−13 15.5	1.434	2.442	1.9	17.9
5 21	15 1.77	−12 12.1	1.434	2.428	6.0	18.1
5 31	14 52.82	−11 17.7	1.460	2.413	10.6	18.3
6 10	14 45.97	−10 37.5	1.509	2.397	14.9	18.5

219758 2001 YW_{33} 5 10.9 106.°69 1.°0/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.50	−21 50.0	1.888	2.676	15.7	20.9
4 11	15 36.41	−21 47.1	1.808	2.686	12.6	20.7
4 21	15 29.80	−21 34.1	1.749	2.696	8.9	20.5
5 1	15 21.30	−21 11.3	1.715	2.706	4.8	20.2
5 11	15 11.86	−20 40.6	1.707	2.716	1.0	20.0
5 21	15 2.55	−20 5.6	1.726	2.726	4.3	20.2
5 31	14 54.40	−19 30.7	1.773	2.735	8.3	20.5
6 10	14 48.21	−19 0.6	1.843	2.744	12.0	20.7

519675 2012 YK_{11} 5 10.9 199.°70 2.°0/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.88	−26 4.8	2.722	3.479	12.2	22.4
4 11	15 33.68	−26 4.5	2.620	3.476	9.9	22.2
4 21	15 27.61	−25 54.4	2.540	3.472	7.2	22.1
5 1	15 20.12	−25 34.3	2.486	3.469	4.3	21.9
5 11	15 11.88	−25 5.1	2.460	3.465	2.1	21.7
5 21	15 3.63	−24 28.9	2.464	3.460	3.5	21.8
5 31	14 56.13	−23 49.2	2.495	3.455	6.4	22.0
6 10	14 50.01	−23 9.7	2.553	3.450	9.2	22.1

390879 2004 TV_{287} 5 10.9 167.°72 2.°8/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 55.66	−17 23.5	1.256	2.055	21.6	20.3
4 11	15 50.41	−18 58.3	1.173	2.056	17.6	20.0
4 21	15 40.87	−20 35.0	1.109	2.057	12.7	19.7
5 1	15 27.54	−22 8.5	1.067	2.058	7.1	19.4
5 11	15 11.83	−23 32.9	1.052	2.059	2.8	19.2
5 21	14 55.72	−24 43.3	1.062	2.059	6.7	19.4
5 31	14 41.37	−25 39.6	1.098	2.060	12.3	19.7
6 10	14 30.43	−26 26.1	1.156	2.060	17.3	20.0

170317 2003 SW_{53} 5 10.9 200.°98 0.°3/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.35	−19 31.5	1.706	2.507	16.6	20.7
4 11	15 36.66	−19 8.4	1.618	2.505	13.3	20.5
4 21	15 30.22	−18 34.4	1.550	2.503	9.3	20.3
5 1	15 21.62	−17 50.9	1.506	2.500	4.7	20.0
5 11	15 11.87	−17 1.4	1.488	2.498	0.3	19.6
5 21	15 2.14	−16 10.7	1.497	2.495	5.0	20.0
5 31	14 53.62	−15 24.6	1.532	2.491	9.6	20.2
6 10	14 47.20	−14 48.2	1.590	2.487	13.7	20.5

413152 2002 ET_{67} 5 10.9 0.°77 9.°9/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.69	−34 44.7	1.315	2.090	22.0	20.1
4 11	15 40.36	−36 23.3	1.238	2.088	19.0	19.8
4 21	15 33.95	−37 45.4	1.177	2.087	15.6	19.6
5 1	15 23.99	−38 42.3	1.135	2.087	12.3	19.4
5 11	15 11.85	−39 7.8	1.114	2.088	10.1	19.3
5 21	14 59.43	−39 0.1	1.115	2.089	10.4	19.3
5 31	14 48.81	−38 24.6	1.139	2.091	13.0	19.4
6 10	14 41.52	−37 32.0	1.182	2.093	16.4	19.6

229563 2006 AA_9 5 10.9 146.°08 2.°0/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.66	−14 14.9	1.963	2.766	14.7	21.1
4 11	15 34.78	−13 47.6	1.880	2.770	11.6	20.9
4 21	15 28.59	−13 14.8	1.818	2.773	8.0	20.7
5 1	15 20.68	−12 39.0	1.782	2.776	4.2	20.4
5 11	15 11.88	−12 3.9	1.772	2.779	2.1	20.3
5 21	15 3.16	−11 33.2	1.790	2.782	5.2	20.5
5 31	14 55.45	−11 10.6	1.835	2.784	9.0	20.7
6 10	14 49.50	−10 58.8	1.903	2.787	12.5	21.0

478068 2011 UY_6 5 10.9 228.°71 0.°7/11.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.29	−19 10.6	2.494	3.270	12.7	21.5
4 11	15 35.73	−19 33.9	2.395	3.266	10.1	21.3
4 21	15 29.14	−19 52.4	2.318	3.263	7.1	21.1
5 1	15 20.95	−20 5.9	2.268	3.259	3.8	20.9
5 11	15 11.89	−20 14.8	2.246	3.255	0.7	20.6
5 21	15 2.75	−20 20.2	2.253	3.251	3.6	20.9
5 31	14 54.37	−20 24.0	2.289	3.247	7.0	21.1
6 10	14 47.45	−20 28.8	2.350	3.243	10.1	21.3

497389 2005 VT_{33} 5 10.9 208.°88 1.°1/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.12	−16 22.7	2.396	3.180	12.9	23.1
4 11	15 35.59	−15 59.2	2.295	3.173	10.2	22.9
4 21	15 29.03	−15 29.4	2.216	3.166	7.1	22.7
5 1	15 20.88	−14 54.9	2.163	3.157	3.6	22.4
5 11	15 11.89	−14 18.4	2.139	3.148	1.1	22.2
5 21	15 2.87	−13 43.0	2.145	3.138	4.3	22.4
5 31	14 54.64	−13 12.3	2.178	3.128	7.8	22.6
6 10	14 47.91	−12 49.4	2.237	3.117	11.0	22.8

490349 2009 EM 5 10.9 208.°73 15.°4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 57.89	−42 55.0	1.358	2.071	24.1	21.7
4 11	15 54.10	−45 34.1	1.277	2.068	21.8	21.5
4 21	15 44.87	−47 57.9	1.210	2.065	19.3	21.3
5 1	15 30.30	−49 51.8	1.163	2.061	17.0	21.1
5 11	15 11.81	−51 1.5	1.135	2.056	15.6	21.0
5 21	14 52.16	−51 19.0	1.128	2.051	15.7	21.0
5 31	14 34.66	−50 47.6	1.142	2.045	17.3	21.1
6 10	14 21.91	−49 41.3	1.174	2.039	19.8	21.2

388197 2006 DX_{133} 5 10.9 221.°68 5.°1/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.29	− 6 0.6	2.064	2.871	13.9	21.3
4 11	15 33.56	− 5 6.5	1.978	2.867	11.2	21.1
4 21	15 27.70	− 4 11.7	1.915	2.863	8.2	20.9
5 1	15 20.22	− 3 20.7	1.877	2.858	5.7	20.7
5 11	15 11.90	− 2 38.7	1.866	2.853	5.3	20.7
5 21	15 3.60	− 2 9.8	1.882	2.848	7.5	20.8
5 31	14 56.20	− 1 56.9	1.923	2.842	10.5	21.0
6 10	14 50.39	− 2 0.9	1.987	2.836	13.4	21.1

161831 2006 XZ_{32} 5 10.9 183.°30 4.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.55	−37 2.3	3.205	3.901	11.6	21.7
4 11	15 34.87	−37 14.8	3.101	3.902	9.9	21.6
4 21	15 28.36	−37 14.5	3.018	3.901	8.0	21.4
5 1	15 20.48	−36 59.8	2.960	3.901	6.1	21.3
5 11	15 11.90	−36 30.4	2.929	3.900	4.7	21.2
5 21	15 3.35	−35 47.6	2.927	3.898	4.8	21.2
5 31	14 55.57	−34 54.6	2.952	3.896	6.3	21.3
6 10	14 49.15	−33 55.7	3.005	3.893	8.2	21.4

325846 2010 TW_{32} 5 10.9 69.°00 3.°5/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.77	−13 40.6	1.527	2.349	17.3	21.1
4 11	15 34.63	−12 39.9	1.457	2.357	13.6	20.9
4 21	15 28.74	−11 31.1	1.406	2.365	9.5	20.6
5 1	15 20.81	−10 19.2	1.379	2.373	5.3	20.4
5 11	15 11.90	− 9 10.9	1.378	2.382	3.7	20.3
5 21	15 3.18	− 8 12.8	1.403	2.390	7.0	20.5
5 31	14 55.78	− 7 30.3	1.452	2.398	11.2	20.8
6 10	14 50.52	− 7 6.4	1.523	2.407	15.0	21.1

266331 2007 DP_{25} 5 10.9 133.°09 1.°7/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.98	−14 45.4	2.191	2.981	13.7	21.7
4 11	15 36.22	−14 16.5	2.114	2.996	10.8	21.5
4 21	15 29.37	−13 42.3	2.059	3.010	7.5	21.3
5 1	15 20.99	−13 5.1	2.030	3.023	3.9	21.1
5 11	15 11.90	−12 28.2	2.029	3.036	1.8	21.0
5 21	15 2.97	−11 55.0	2.057	3.048	4.7	21.2
5 31	14 55.04	−11 28.9	2.113	3.060	8.2	21.4
6 10	14 48.75	−11 12.4	2.194	3.071	11.3	21.6

49388 1998 XR_{20} 5 10.9 147.°74 0.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.59	−19 38.9	2.264	3.051	13.5	19.3
4 11	15 33.68	−19 23.4	2.175	3.055	10.7	19.1
4 21	15 27.71	−19 0.0	2.109	3.058	7.5	18.9
5 1	15 20.20	−18 29.6	2.068	3.061	3.8	18.7
5 11	15 11.91	−17 54.7	2.054	3.064	0.0	18.3
5 21	15 3.67	−17 18.5	2.069	3.067	3.9	18.7
5 31	14 56.32	−16 44.7	2.112	3.070	7.5	18.9
6 10	14 50.53	−16 16.8	2.179	3.072	10.7	19.1

346774 2009 BS_{95} 5 10.9 155.°27 1.°2/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.84	−15 45.1	2.260	3.053	13.3	21.8
4 11	15 33.84	−15 27.2	2.172	3.056	10.5	21.6
4 21	15 27.81	−15 3.8	2.107	3.059	7.3	21.4
5 1	15 20.25	−14 36.8	2.068	3.062	3.7	21.2
5 11	15 11.91	−14 8.6	2.056	3.065	1.2	21.0
5 21	15 3.62	−13 42.5	2.073	3.067	4.3	21.2
5 31	14 56.20	−13 21.5	2.117	3.069	7.8	21.4
6 10	14 50.32	−13 8.3	2.186	3.071	11.0	21.6

504869 2010 VQ_{25} 5 10.9 256.°91 0.°3/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.36	−17 10.1	1.983	2.769	15.1	22.4
4 11	15 39.80	−17 14.6	1.866	2.745	12.2	22.2
4 21	15 32.51	−17 13.4	1.771	2.720	8.6	21.9
5 1	15 22.93	−17 6.9	1.700	2.694	4.5	21.6
5 11	15 11.90	−16 56.2	1.657	2.667	0.4	21.2
5 21	15 0.50	−16 43.8	1.642	2.639	4.8	21.5
5 31	14 49.93	−16 32.9	1.655	2.610	9.3	21.7
6 10	14 41.22	−16 27.3	1.692	2.581	13.5	21.9

481338 2006 BH_{218} 5 10.9 263.°35 5.°1/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.65	−37 9.7	2.736	3.444	13.2	21.5
4 11	15 34.66	−37 16.6	2.617	3.426	11.3	21.4
4 21	15 28.51	−37 8.3	2.519	3.408	9.2	21.2
5 1	15 20.68	−36 42.6	2.444	3.389	7.0	21.0
5 11	15 11.92	−35 58.8	2.395	3.370	5.3	20.9
5 21	15 3.09	−34 58.7	2.374	3.350	5.4	20.8
5 31	14 55.09	−33 46.1	2.381	3.331	7.2	20.9
6 10	14 48.66	−32 26.9	2.415	3.311	9.7	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
213901	2003 UR_{48}		5 10.9	207.°65	2.°6/ 9.6	17
	h m	° ′			°	m
4 1	15 42.47	−12 9.0	1.844	2.645	15.5	20.8
4 11	15 38.08	−11 53.7	1.753	2.641	12.4	20.6
4 21	15 31.09	−11 35.0	1.683	2.636	8.7	20.3
5 1	15 22.06	−11 15.3	1.638	2.631	4.7	20.1
5 11	15 11.91	−10 57.8	1.620	2.626	2.7	19.9
5 21	15 1.72	−10 45.9	1.630	2.620	5.8	20.1
5 31	14 52.59	−10 42.6	1.666	2.613	9.9	20.3
6 10	14 45.40	−10 50.0	1.725	2.606	13.7	20.6
521383	2015 MB_{142}		5 10.9	350.°73	5.°0/ 7.6	17
4 1	15 35.27	− 4 55.8	2.102	2.912	13.6	21.0
4 11	15 31.92	− 4 18.3	2.020	2.910	10.9	20.8
4 21	15 26.54	− 3 42.0	1.960	2.908	8.0	20.6
5 1	15 19.63	− 3 11.0	1.926	2.906	5.6	20.5
5 11	15 11.94	− 2 49.6	1.917	2.904	5.2	20.5
5 21	15 4.29	− 2 40.8	1.936	2.903	7.2	20.6
5 31	14 57.50	− 2 46.6	1.979	2.902	10.0	20.7
6 10	14 52.23	− 3 7.3	2.046	2.902	12.9	20.9
131111	2001 AN_{35}		5 10.9	110.°06	1.°7/11.9	18
4 1	15 42.36	−22 29.7	2.091	2.866	14.8	19.9
4 11	15 37.67	−22 49.1	2.010	2.879	11.9	19.7
4 21	15 30.60	−23 0.1	1.950	2.891	8.5	19.5
5 1	15 21.72	−23 1.9	1.915	2.904	4.8	19.3
5 11	15 11.93	−22 55.2	1.908	2.916	1.7	19.1
5 21	15 2.23	−22 42.0	1.929	2.927	4.1	19.3
5 31	14 53.61	−22 25.5	1.978	2.939	7.7	19.6
6 10	14 46.82	−22 9.8	2.051	2.950	11.0	19.8
275850	2001 SY_{83}		5 10.9	209.°10	1.°4/11.9	17
4 1	15 41.10	−23 22.2	2.209	2.981	14.2	22.2
4 11	15 36.72	−23 17.2	2.108	2.975	11.5	22.0
4 21	15 30.00	−23 1.9	2.028	2.969	8.2	21.8
5 1	15 21.47	−22 36.2	1.973	2.962	4.6	21.5
5 11	15 11.94	−22 1.4	1.946	2.954	1.4	21.3
5 21	15 2.37	−21 20.5	1.947	2.946	4.0	21.5
5 31	14 53.73	−20 37.8	1.977	2.937	7.7	21.7
6 10	14 46.80	−19 58.0	2.031	2.927	11.2	21.9
471702	2012 TV_{258}		5 10.9	1.°64	5.°8/ 8.4	17
4 1	15 39.98	− 2 40.9	1.797	2.606	15.6	20.6
4 11	15 36.01	− 2 26.9	1.718	2.606	12.6	20.4
4 21	15 29.58	− 2 17.9	1.660	2.605	9.4	20.2
5 1	15 21.25	− 2 18.0	1.626	2.606	6.6	20.0
5 11	15 11.95	− 2 30.9	1.618	2.606	5.9	20.0
5 21	15 2.69	− 2 58.6	1.637	2.607	8.0	20.1
5 31	14 54.50	− 3 41.5	1.680	2.608	11.2	20.3
6 10	14 48.19	− 4 38.4	1.746	2.610	14.3	20.5
336639	2009 WY_{43}		5 10.9	119.°68	4.°8/14.8	17
4 1	15 41.62	−34 7.1	2.217	2.950	15.3	21.0
4 11	15 37.16	−34 13.6	2.133	2.963	12.8	20.9
4 21	15 30.26	−34 3.6	2.068	2.976	10.0	20.7
5 1	15 21.54	−33 35.3	2.027	2.988	7.1	20.5
5 11	15 11.96	−32 49.0	2.012	2.999	5.0	20.4
5 21	15 2.55	−31 47.8	2.025	3.011	5.3	20.5
5 31	14 54.31	−30 37.1	2.065	3.022	7.7	20.6
6 10	14 48.00	−29 23.7	2.131	3.033	10.5	20.8
18447	1994 PU_{13}		5 10.9	233.°87	1.°0/10.2	18
4 1	15 35.95	−16 31.9	2.386	3.179	12.7	19.5
4 11	15 32.30	−16 10.9	2.293	3.177	10.0	19.3
4 21	15 26.74	−15 43.8	2.222	3.174	6.9	19.1
5 1	15 19.73	−15 12.6	2.177	3.171	3.5	18.8
5 11	15 11.97	−14 39.6	2.159	3.168	1.0	18.6
5 21	15 4.22	−14 8.1	2.171	3.165	4.1	18.9
5 31	14 57.25	−13 41.1	2.209	3.162	7.5	19.1
6 10	14 51.71	−13 21.7	2.273	3.159	10.6	19.3
291930	2006 QQ_{28}		5 10.9	291.°94	0.°6/11.2	17
4 1	15 38.59	−20 28.6	1.527	2.337	17.8	21.6
4 11	15 36.00	−20 25.3	1.423	2.315	14.5	21.3
4 21	15 30.30	−20 10.7	1.339	2.293	10.3	21.0
5 1	15 21.95	−19 44.9	1.277	2.271	5.5	20.7
5 11	15 11.96	−19 9.8	1.239	2.249	0.6	20.2
5 21	15 1.63	−18 29.5	1.227	2.228	5.4	20.5
5 31	14 52.42	−17 49.8	1.240	2.206	10.7	20.8
6 10	14 45.53	−17 17.3	1.274	2.184	15.5	21.0
307336	2002 RO_{38}		5 10.9	284.°12	7.°7/15.5	16
4 1	15 41.77	−38 4.4	2.106	2.825	16.4	20.6
4 11	15 38.19	−38 59.1	1.995	2.805	14.3	20.3
4 21	15 31.64	−39 38.6	1.902	2.786	11.9	20.1
5 1	15 22.58	−39 57.9	1.831	2.766	9.6	20.0
5 11	15 11.95	−39 53.6	1.784	2.746	7.9	19.8
5 21	15 0.99	−39 25.2	1.762	2.727	8.0	19.8
5 31	14 51.06	−38 36.1	1.766	2.707	9.9	19.8
6 10	14 43.29	−37 33.4	1.793	2.687	12.6	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
73641	1977 UK_3		5 10.9	322.°94	0.°2/11.2	18
	h m	° ′			°	m
4 1	15 29.16	−20 11.2	4.284	5.055	7.8	19.6
4 11	15 26.10	−19 57.2	4.182	5.053	6.2	19.5
4 21	15 22.01	−19 38.5	4.105	5.050	4.3	19.4
5 1	15 17.19	−19 16.0	4.056	5.048	2.2	19.2
5 11	15 11.99	−18 51.1	4.036	5.046	0.2	19.0
5 21	15 6.80	−18 25.0	4.046	5.043	2.1	19.2
5 31	15 2.01	−17 59.7	4.085	5.041	4.2	19.3
6 10	14 57.96	−17 36.8	4.150	5.039	6.2	19.5
500011	2011 QB_{20}		5 10.9	121.°95	9.°1/19.9	18
4 1	15 50.01	−51 9.9	2.966	3.562	14.2	22.0
4 11	15 44.12	−52 19.9	2.885	3.578	12.9	21.9
4 21	15 35.35	−53 12.7	2.820	3.593	11.6	21.8
5 1	15 24.28	−53 43.6	2.777	3.608	10.3	21.8
5 11	15 11.95	−53 49.3	2.756	3.622	9.4	21.7
5 21	14 59.60	−53 29.7	2.759	3.636	9.1	21.7
5 31	14 48.50	−52 47.4	2.786	3.650	9.6	21.8
6 10	14 39.61	−51 48.3	2.837	3.663	10.5	21.9
254521	2005 EU_{97}		5 10.9	45.°59	0.°8/11.4	18
4 1	15 39.06	−22 17.3	1.213	2.036	20.8	19.7
4 11	15 36.36	−21 57.4	1.157	2.056	16.6	19.5
4 21	15 30.27	−21 21.7	1.120	2.076	11.6	19.2
5 1	15 21.67	−20 32.0	1.103	2.098	6.1	19.0
5 11	15 11.97	−19 33.1	1.110	2.120	0.8	18.7
5 21	15 2.70	−18 32.0	1.141	2.142	5.5	19.1
5 31	14 55.23	−17 36.6	1.196	2.165	10.6	19.4
6 10	14 50.46	−16 53.2	1.272	2.188	15.1	19.8
228439	2001 QA_{147}		5 10.9	217.°42	2.°6/12.2	18
4 1	15 45.47	−23 31.1	2.093	2.860	15.1	21.1
4 11	15 40.50	−24 11.8	1.991	2.853	12.3	20.9
4 21	15 32.87	−24 45.4	1.911	2.846	9.0	20.7
5 1	15 23.07	−25 9.7	1.855	2.839	5.4	20.4
5 11	15 11.97	−25 23.7	1.827	2.831	2.7	20.3
5 21	15 0.68	−25 27.9	1.827	2.823	4.6	20.4
5 31	14 50.34	−25 24.8	1.856	2.814	8.3	20.6
6 10	14 41.92	−25 18.7	1.909	2.805	11.8	20.8
202811	2008 SO_{43}		5 10.9	241.°34	1.°3/ 9.9	18
4 1	15 37.14	−16 58.3	2.021	2.821	14.4	20.3
4 11	15 33.66	−16 22.9	1.928	2.816	11.4	20.1
4 21	15 27.90	−15 39.0	1.856	2.810	7.9	19.8
5 1	15 20.41	−14 49.0	1.809	2.804	4.0	19.6
5 11	15 11.99	−13 56.6	1.789	2.798	1.4	19.4
5 21	15 3.57	−13 6.4	1.798	2.792	4.9	19.6
5 31	14 56.09	−12 23.1	1.832	2.785	8.8	19.8
6 10	14 50.31	−11 50.4	1.891	2.779	12.3	20.0
396106	2013 CF_{147}		5 10.9	42.°21	1.°7/ 9.7	17
4 1	15 35.59	−13 33.8	2.433	3.230	12.3	21.0
4 11	15 31.92	−13 18.0	2.346	3.233	9.7	20.8
4 21	15 26.41	−12 58.6	2.282	3.235	6.7	20.6
5 1	15 19.55	−12 37.7	2.245	3.238	3.5	20.4
5 11	15 12.00	−12 17.6	2.235	3.241	1.7	20.3
5 21	15 4.48	−12 1.0	2.253	3.245	4.3	20.5
5 31	14 57.74	−11 50.3	2.299	3.248	7.5	20.7
6 10	14 52.37	−11 47.4	2.370	3.251	10.4	20.9
471485	2011 UH_{404}		5 10.9	185.°25	3.°2/13.8	18
4 1	15 37.77	−30 28.7	2.798	3.537	12.3	21.6
4 11	15 33.62	−30 31.2	2.698	3.537	10.2	21.5
4 21	15 27.59	−30 22.1	2.619	3.537	7.7	21.3
5 1	15 20.16	−30 0.4	2.566	3.536	5.2	21.1
5 11	15 12.00	−29 26.8	2.540	3.535	3.3	21.0
5 21	15 3.86	−28 43.4	2.543	3.534	3.9	21.0
5 31	14 56.50	−27 53.6	2.574	3.532	6.3	21.2
6 10	14 50.54	−27 1.9	2.632	3.530	8.9	21.3
420864	2013 KD_4		5 10.9	335.°28	1.°0/10.6	17
4 1	15 38.15	−14 35.6	1.172	2.011	20.4	20.7
4 11	15 36.33	−14 59.0	1.089	1.998	16.4	20.4
4 21	15 30.90	−15 19.3	1.024	1.987	11.6	20.1
5 1	15 22.39	−15 37.5	0.979	1.976	6.0	19.7
5 11	15 11.99	−15 55.2	0.957	1.966	1.0	19.3
5 21	15 1.31	−16 14.3	0.958	1.958	6.5	19.7
5 31	14 52.10	−16 37.7	0.981	1.950	12.3	19.9
6 10	14 45.73	−17 8.3	1.024	1.944	17.5	20.2
176613	2002 GA_{39}		5 10.9	20.°55	1.°8/ 9.5	18
4 1	15 34.55	−14 37.3	2.361	3.161	12.6	19.8
4 11	15 31.17	−14 4.2	2.274	3.162	9.9	19.6
4 21	15 25.94	−13 25.7	2.209	3.163	6.9	19.4
5 1	15 19.33	−12 44.3	2.170	3.164	3.6	19.2
5 11	15 12.02	−12 3.3	2.158	3.165	1.9	19.1
5 21	15 4.76	−11 26.2	2.175	3.166	4.5	19.3
5 31	14 58.29	−10 56.3	2.219	3.167	7.8	19.5
6 10	14 53.21	−10 36.0	2.288	3.169	10.8	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
379340	2009 WY_{87}		5 10.9	185.°67	1.°2/11.7	17
	h m	° ′			°	m
4 1	15 41.25	−22 0.4	2.177	2.953	14.3	21.9
4 11	15 36.82	−22 5.6	2.083	2.953	11.5	21.8
4 21	15 30.07	−22 2.1	2.010	2.953	8.2	21.5
5 1	15 21.52	−21 49.8	1.962	2.952	4.5	21.3
5 11	15 12.01	−21 29.8	1.942	2.951	1.2	21.1
5 21	15 2.49	−21 4.5	1.951	2.949	3.9	21.3
5 31	14 53.92	−20 37.7	1.987	2.947	7.7	21.5
6 10	14 47.07	−20 13.3	2.048	2.944	11.1	21.7
61175	2000 NO_{22}		5 10.9	289.°71	6.°9/15.5	18
4 1	15 39.48	−36 22.6	1.797	2.541	18.0	18.3
4 11	15 36.61	−36 47.0	1.694	2.527	15.5	18.1
4 21	15 30.62	−36 51.7	1.608	2.512	12.5	17.9
5 1	15 22.06	−36 32.2	1.543	2.497	9.5	17.7
5 11	15 12.01	−35 46.7	1.502	2.483	7.2	17.5
5 21	15 1.81	−34 36.9	1.486	2.468	7.4	17.5
5 31	14 52.88	−33 9.4	1.496	2.454	9.9	17.6
6 10	14 46.34	−31 33.7	1.528	2.439	13.3	17.7
471783	2012 VU_{10}		5 10.9	258.°08	0.°8/11.4	16
4 1	15 41.71	−19 25.9	2.291	3.069	13.6	22.0
4 11	15 37.25	−19 45.3	2.179	3.051	11.0	21.8
4 21	15 30.47	−19 59.3	2.089	3.034	7.8	21.6
5 1	15 21.81	−20 7.6	2.024	3.016	4.2	21.3
5 11	15 12.02	−20 10.7	1.988	2.998	0.8	21.0
5 21	15 2.00	−20 9.7	1.981	2.979	3.9	21.2
5 31	14 52.74	−20 7.1	2.001	2.960	7.8	21.4
6 10	14 45.08	−20 6.0	2.048	2.941	11.3	21.6
269005	2007 EP_{125}		5 10.9	109.°61	0.°4/10.7	18
4 1	15 42.17	−19 21.4	2.210	2.989	14.0	21.7
4 11	15 37.09	−18 51.9	2.140	3.015	11.0	21.5
4 21	15 29.92	−18 14.1	2.092	3.039	7.6	21.4
5 1	15 21.29	−17 29.6	2.070	3.063	3.8	21.2
5 11	15 12.03	−16 41.8	2.077	3.087	0.4	20.9
5 21	15 3.02	−15 54.3	2.113	3.109	4.0	21.3
5 31	14 55.10	−15 11.3	2.177	3.131	7.6	21.5
6 10	14 48.88	−14 36.3	2.267	3.152	10.7	21.7
290385	2005 SE_{293}		5 10.9	237.°43	7.°4/ 3.1	18
4 1	15 34.59	+ 5 52.6	2.796	3.580	11.2	20.8
4 11	15 30.88	+ 7 9.7	2.712	3.568	9.6	20.7
4 21	15 25.59	+ 8 21.7	2.651	3.556	8.2	20.5
5 1	15 19.12	+ 9 23.5	2.616	3.544	7.4	20.5
5 11	15 12.04	+10 10.4	2.607	3.531	7.7	20.5
5 21	15 4.94	+10 39.2	2.625	3.518	9.0	20.5
5 31	14 58.46	+10 48.3	2.666	3.504	10.7	20.6
6 10	14 53.11	+10 38.1	2.729	3.490	12.5	20.7
320415	2007 VV_{10}		5 10.9	200.°65	4.°0/ 8.3	16
4 1	15 42.03	− 8 50.9	2.106	2.902	14.1	21.7
4 11	15 37.33	− 8 7.8	2.014	2.897	11.2	21.5
4 21	15 30.37	− 7 22.1	1.944	2.892	8.0	21.3
5 1	15 21.66	− 6 37.6	1.899	2.886	5.0	21.1
5 11	15 12.03	− 5 58.7	1.883	2.879	4.1	21.0
5 21	15 2.39	− 5 29.4	1.895	2.871	6.6	21.2
5 31	14 53.67	− 5 12.8	1.934	2.862	9.9	21.4
6 10	14 46.63	− 5 10.7	1.997	2.853	13.1	21.5
276153	2002 JY_{140}		5 10.9	59.°17	0.°1/10.9	18
4 1	15 39.19	−18 19.3	1.904	2.701	15.3	20.5
4 11	15 35.44	−18 18.9	1.818	2.703	12.2	20.3
4 21	15 29.24	−18 11.2	1.752	2.704	8.5	20.1
5 1	15 21.13	−17 57.3	1.711	2.706	4.4	19.8
5 11	15 12.03	−17 39.1	1.697	2.707	0.1	19.4
5 21	15 2.94	−17 19.4	1.710	2.709	4.4	19.8
5 31	14 54.91	−17 2.1	1.750	2.710	8.6	20.1
6 10	14 48.73	−16 50.4	1.813	2.712	12.2	20.3
501852	2014 WL_{212}		5 10.9	250.°95	4.°5/13.3	17
4 1	15 42.55	−28 58.6	1.706	2.477	17.8	21.7
4 11	15 38.98	−29 24.3	1.605	2.465	14.8	21.4
4 21	15 32.27	−29 35.5	1.523	2.453	11.3	21.2
5 1	15 22.93	−29 28.9	1.464	2.441	7.5	20.9
5 11	15 12.02	−29 3.6	1.429	2.428	4.6	20.7
5 21	15 0.89	−28 21.4	1.420	2.414	5.9	20.7
5 31	14 50.98	−27 28.0	1.437	2.401	9.7	20.9
6 10	14 43.45	−26 31.3	1.477	2.387	13.8	21.1
139141	2001 FF_{87}		5 10.9	347.°68	4.°7/ 8.9	18
4 1	15 37.60	− 9 0.9	1.338	2.173	18.6	19.4
4 11	15 35.11	− 8 35.4	1.262	2.168	14.9	19.1
4 21	15 29.52	− 8 8.3	1.204	2.163	10.6	18.9
5 1	15 21.45	− 7 44.5	1.168	2.160	6.4	18.6
5 11	15 12.04	− 7 29.3	1.156	2.157	4.8	18.5
5 21	15 2.61	− 7 27.0	1.168	2.155	8.1	18.7
5 31	14 54.54	− 7 40.6	1.202	2.153	12.6	18.9
6 10	14 48.86	− 8 10.9	1.257	2.152	16.8	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
210277	2007 TW_{13}		5 10.9	201.°83	2.°8/ 9.1	16
	h m	° ′			°	m
4 1	15 40.04	−14 13.9	1.748	2.555	16.0	21.0
4 11	15 36.27	−13 23.5	1.661	2.553	12.7	20.8
4 21	15 29.89	−12 24.9	1.594	2.550	8.9	20.5
5 1	15 21.49	−11 21.9	1.553	2.546	4.8	20.3
5 11	15 12.04	−10 19.7	1.538	2.542	3.0	20.2
5 21	15 2.61	− 9 24.3	1.550	2.538	6.3	20.4
5 31	14 54.32	− 8 40.9	1.587	2.533	10.5	20.6
6 10	14 48.01	− 8 13.2	1.648	2.528	14.3	20.8
306675	2000 TF_{33}		5 10.9	194.°61	6.°4/17.3	18
4 1	15 42.57	−43 34.4	3.274	3.925	12.1	21.4
4 11	15 37.53	−44 7.3	3.168	3.922	10.7	21.2
4 21	15 30.39	−44 26.1	3.081	3.919	9.2	21.1
5 1	15 21.65	−44 27.9	3.018	3.915	7.6	21.0
5 11	15 12.04	−44 11.3	2.980	3.911	6.6	20.9
5 21	15 2.40	−43 36.8	2.969	3.906	6.4	20.9
5 31	14 53.60	−42 47.0	2.985	3.901	7.3	21.0
6 10	14 46.34	−41 46.5	3.027	3.895	8.8	21.1
156355	2001 XB_{207}		5 10.9	158.°21	2.°5/ 9.2	17
4 1	15 39.82	−12 36.4	2.215	3.009	13.5	20.6
4 11	15 35.38	−12 1.7	2.131	3.016	10.7	20.4
4 21	15 28.88	−11 22.7	2.070	3.022	7.4	20.2
5 1	15 20.84	−10 42.3	2.035	3.027	4.1	20.0
5 11	15 12.04	−10 4.1	2.028	3.032	2.6	19.9
5 21	15 3.34	− 9 31.6	2.050	3.036	5.2	20.1
5 31	14 55.56	− 9 8.0	2.099	3.040	8.6	20.3
6 10	14 49.36	− 8 55.6	2.173	3.043	11.6	20.5
33087	1997 XX		5 10.9	19.°10	2.°8/10.2	18
4 1	15 43.60	−10 1.0	1.251	2.079	20.0	16.9
4 11	15 40.12	−10 24.5	1.180	2.082	16.0	16.6
4 21	15 33.14	−10 49.9	1.127	2.086	11.2	16.4
5 1	15 23.35	−11 19.1	1.096	2.090	6.1	16.1
5 11	15 12.03	−11 53.7	1.088	2.095	2.9	15.9
5 21	15 0.76	−12 34.5	1.105	2.101	6.9	16.1
5 31	14 51.08	−13 22.3	1.147	2.107	12.0	16.4
6 10	14 44.17	−14 17.4	1.209	2.114	16.5	16.7
219523	2001 QS_{84}		5 10.9	85.°95	8.°3/15.6	18
4 1	15 58.61	−38 41.4	2.119	2.803	17.2	19.7
4 11	15 51.18	−40 20.2	2.055	2.839	14.9	19.6
4 21	15 40.38	−41 42.7	2.012	2.874	12.3	19.4
5 1	15 26.90	−42 41.9	1.991	2.908	9.9	19.4
5 11	15 12.03	−43 13.7	1.997	2.942	8.5	19.3
5 21	14 57.30	−43 17.6	2.031	2.975	8.5	19.4
5 31	14 44.21	−42 58.0	2.091	3.007	9.9	19.5
6 10	14 33.84	−42 22.8	2.176	3.038	11.9	19.7
398582	2011 WV_{56}		5 10.9	215.°49	2.°3/ 9.3	16
4 1	15 37.34	−10 49.1	2.674	3.465	11.5	21.8
4 11	15 33.15	−10 35.8	2.578	3.460	9.1	21.7
4 21	15 27.23	−10 21.0	2.506	3.456	6.4	21.5
5 1	15 19.99	−10 6.5	2.460	3.451	3.6	21.3
5 11	15 12.06	− 9 54.5	2.443	3.446	2.3	21.2
5 21	15 4.11	− 9 47.3	2.454	3.440	4.5	21.3
5 31	14 56.84	− 9 46.7	2.494	3.435	7.4	21.5
6 10	14 50.83	− 9 54.1	2.559	3.429	10.1	21.7
345921	2007 RF_{194}		5 10.9	193.°55	1.°1/10.2	17
4 1	15 37.47	−16 34.3	2.270	3.063	13.2	21.9
4 11	15 33.62	−16 11.1	2.178	3.062	10.5	21.7
4 21	15 27.72	−15 41.3	2.109	3.061	7.3	21.5
5 1	15 20.29	−15 7.0	2.065	3.060	3.7	21.3
5 11	15 12.06	−14 30.9	2.049	3.058	1.1	21.0
5 21	15 3.85	−13 56.4	2.061	3.056	4.3	21.3
5 31	14 56.49	−13 26.9	2.101	3.054	7.9	21.5
6 10	14 50.65	−13 5.6	2.166	3.052	11.1	21.7
20717	1999 XG_{93}		5 10.9	145.°97	2.°9/13.2	18
4 1	15 39.18	−28 20.5	2.212	2.972	14.5	18.0
4 11	15 35.20	−28 19.3	2.121	2.976	11.9	17.8
4 21	15 28.93	−28 4.8	2.051	2.981	8.9	17.6
5 1	15 20.93	−27 36.4	2.005	2.985	5.6	17.4
5 11	15 12.05	−26 55.1	1.987	2.988	3.0	17.3
5 21	15 3.25	−26 3.9	1.996	2.992	4.2	17.4
5 31	14 55.45	−25 7.8	2.033	2.995	7.4	17.6
6 10	14 49.41	−24 12.2	2.095	2.998	10.6	17.8
193534	2000 YQ_{109}		5 10.9	110.°67	3.°4/13.3	18
4 1	15 40.44	−28 42.6	2.039	2.802	15.5	20.5
4 11	15 36.39	−28 51.2	1.955	2.811	12.8	20.4
4 21	15 29.86	−28 46.0	1.891	2.820	9.5	20.2
5 1	15 21.43	−28 25.8	1.851	2.828	6.1	20.0
5 11	15 12.06	−27 51.3	1.837	2.837	3.5	19.8
5 21	15 2.79	−27 5.6	1.850	2.845	4.7	19.9
5 31	14 54.66	−26 13.6	1.891	2.853	7.9	20.1
6 10	14 48.45	−25 21.3	1.956	2.861	11.2	20.3

145797 1998 RB_{23} 5 10.9 251.°36 0.°8/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.03	−20 47.1	1.988	2.771	15.2	20.7
4 11	15 37.91	−20 47.8	1.877	2.753	12.3	20.5
4 21	15 31.17	−20 39.6	1.787	2.733	8.8	20.2
5 1	15 22.27	−20 22.3	1.722	2.714	4.7	20.0
5 11	15 12.06	−19 57.2	1.684	2.693	0.8	19.6
5 21	15 1.61	−19 27.1	1.673	2.672	4.5	19.8
5 31	14 52.06	−18 56.1	1.690	2.650	8.8	20.1
6 10	14 44.38	−18 29.1	1.732	2.628	12.8	20.2

478093 2011 US_{48} 5 10.9 302.°62 1.°1/11.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.66	−20 48.5	2.256	3.038	13.6	21.1
4 11	15 34.75	−21 6.3	2.159	3.034	11.0	20.9
4 21	15 28.65	−21 17.5	2.084	3.029	7.8	20.7
5 1	15 20.83	−21 21.8	2.034	3.024	4.3	20.4
5 11	15 12.06	−21 19.8	2.011	3.020	1.2	20.2
5 21	15 3.22	−21 13.2	2.017	3.015	3.8	20.4
5 31	14 55.22	−21 4.7	2.050	3.011	7.4	20.6
6 10	14 48.81	−20 57.4	2.108	3.007	10.7	20.8

455217 2001 QD_{154} 5 10.9 152.°99 3.°3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 43.91	−10 58.4	2.237	3.023	13.6	22.5
4 11	15 38.46	−10 7.7	2.157	3.037	10.8	22.4
4 21	15 30.91	− 9 13.3	2.101	3.049	7.6	22.2
5 1	15 21.84	− 8 18.6	2.072	3.061	4.4	22.0
5 11	15 12.07	− 7 28.0	2.072	3.071	3.4	21.9
5 21	15 2.45	− 6 45.5	2.102	3.080	5.8	22.1
5 31	14 53.85	− 6 14.5	2.159	3.088	9.0	22.3
6 10	14 46.89	− 5 56.9	2.241	3.095	12.0	22.5

277754 2006 DG_{131} 5 10.9 213.°73 0.°8/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 40.53	−20 19.5	2.048	2.834	14.7	21.3
4 11	15 36.43	−20 29.4	1.954	2.831	11.8	21.1
4 21	15 29.92	−20 31.8	1.882	2.829	8.4	20.9
5 1	15 21.51	−20 26.7	1.834	2.826	4.5	20.7
5 11	15 12.06	−20 15.2	1.813	2.823	0.9	20.4
5 21	15 2.57	−19 59.4	1.820	2.819	4.1	20.6
5 31	14 54.04	−19 42.9	1.855	2.816	8.1	20.9
6 10	14 47.30	−19 29.2	1.914	2.812	11.7	21.1

57610 2001 TK_{116} 5 10.9 87.°15 0.°8/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 42.63	−19 39.6	2.443	3.214	13.0	18.5
4 11	15 37.40	−20 2.8	2.368	3.237	10.4	18.4
4 21	15 30.17	−20 20.2	2.316	3.259	7.3	18.2
5 1	15 21.47	−20 31.8	2.291	3.282	3.9	18.0
5 11	15 12.07	−20 38.0	2.294	3.304	0.8	17.8
5 21	15 2.81	−20 40.2	2.327	3.325	3.5	18.1
5 31	14 54.49	−20 40.7	2.389	3.347	6.7	18.3
6 10	14 47.73	−20 41.9	2.477	3.368	9.7	18.5

85595 1998 FB_{71} 5 10.9 133.°03 3.°5/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 38.16	−11 27.1	2.136	2.937	13.7	19.0
4 11	15 34.08	−10 23.1	2.060	2.948	10.8	18.8
4 21	15 27.96	− 9 14.3	2.006	2.958	7.6	18.6
5 1	15 20.36	− 8 5.0	1.979	2.968	4.5	18.4
5 11	15 12.08	− 7 0.2	1.980	2.978	3.7	18.4
5 21	15 3.95	− 6 4.9	2.009	2.987	6.1	18.6
5 31	14 56.78	− 5 22.7	2.064	2.995	9.3	18.8
6 10	14 51.19	− 4 55.9	2.144	3.003	12.2	19.0

378284 2007 ES_{118} 5 10.9 88.°02 7.°2/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.26	− 4 38.1	1.797	2.615	15.2	21.6
4 11	15 32.94	− 2 46.6	1.731	2.624	12.3	21.4
4 21	15 27.34	− 0 53.6	1.688	2.632	9.4	21.3
5 1	15 20.10	+ 0 52.7	1.670	2.640	7.4	21.2
5 11	15 12.08	+ 2 24.0	1.678	2.649	7.6	21.2
5 21	15 4.25	+ 3 34.0	1.712	2.657	9.8	21.3
5 31	14 57.49	+ 4 18.9	1.771	2.665	12.6	21.5
6 10	14 52.49	+ 4 38.2	1.850	2.673	15.3	21.7

47959 2000 QP_{168} 5 10.9 291.°88 1.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.21	−25 30.5	4.259	5.012	8.2	19.5
4 11	15 27.01	−25 25.9	4.153	5.007	6.6	19.4
4 21	15 22.70	−25 15.1	4.070	5.002	4.8	19.3
5 1	15 17.60	−24 58.4	4.015	4.997	2.9	19.1
5 11	15 12.09	−24 36.5	3.988	4.992	1.4	19.0
5 21	15 6.58	−24 10.8	3.991	4.988	2.3	19.1
5 31	15 1.48	−23 43.1	4.023	4.983	4.2	19.2
6 10	14 57.16	−23 15.4	4.082	4.978	6.1	19.3

250905 2005 VZ_{130} 5 10.9 50.°82 5.°2/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.76	− 5 13.3	2.329	3.137	12.5	21.0
4 11	15 30.50	− 4 0.0	2.250	3.139	10.0	20.8
4 21	15 25.45	− 2 45.9	2.196	3.140	7.5	20.6
5 1	15 19.09	− 1 36.2	2.167	3.142	5.5	20.5
5 11	15 12.10	− 0 35.9	2.166	3.144	5.5	20.5
5 21	15 5.17	+ 0 10.9	2.191	3.146	7.3	20.6
5 31	14 59.03	+ 0 41.1	2.243	3.148	9.8	20.8
6 10	14 54.24	+ 0 53.9	2.317	3.150	12.3	21.0

92220 2000 AH_{43} 5 10.9 263.°37 13.°1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.80	−45 42.9	1.291	2.016	24.6	19.5
4 11	15 42.92	−46 41.7	1.205	2.009	22.2	19.3
4 21	15 36.25	−47 10.4	1.132	2.001	19.3	19.1
5 1	15 25.39	−46 58.0	1.074	1.993	16.3	18.8
5 11	15 12.07	−45 56.5	1.036	1.985	13.9	18.7
5 21	14 58.70	−44 5.7	1.018	1.976	13.1	18.6
5 31	14 47.70	−41 35.6	1.021	1.968	14.7	18.6
6 10	14 40.71	−38 44.7	1.045	1.960	17.7	18.8

86058 1999 RO_{15} 5 10.9 285.°91 10.°1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 45.96	−46 55.9	2.447	3.096	15.9	18.8
4 11	15 41.64	−48 21.6	2.346	3.086	14.4	18.6
4 21	15 34.17	−49 31.4	2.263	3.077	12.8	18.5
5 1	15 23.98	−50 19.1	2.200	3.068	11.3	18.3
5 11	15 12.08	−50 40.1	2.161	3.059	10.3	18.3
5 21	14 59.80	−50 32.7	2.144	3.050	10.1	18.2
5 31	14 48.62	−49 59.1	2.152	3.041	10.9	18.3
6 10	14 39.76	−49 5.5	2.182	3.032	12.4	18.3

381925 2010 CT_{120} 5 10.9 142.°92 3.°1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.11	−10 10.4	2.315	3.110	12.9	21.1
4 11	15 34.69	− 9 36.9	2.235	3.119	10.2	21.0
4 21	15 28.34	− 9 1.1	2.178	3.128	7.2	20.8
5 1	15 20.57	− 8 26.2	2.147	3.136	4.2	20.6
5 11	15 12.11	− 7 55.5	2.145	3.144	3.2	20.6
5 21	15 3.76	− 7 32.1	2.171	3.152	5.4	20.7
5 31	14 56.28	− 7 18.5	2.224	3.159	8.5	20.9
6 10	14 50.29	− 7 16.3	2.301	3.165	11.3	21.1

191727 2004 RK_{293} 5 10.9 189.°19 1.°1/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 39.11	−16 42.4	2.205	2.996	13.6	21.6
4 11	15 34.98	−16 17.6	2.113	2.996	10.8	21.4
4 21	15 28.72	−15 45.9	2.043	2.994	7.5	21.2
5 1	15 20.84	−15 9.2	1.999	2.993	3.8	20.9
5 11	15 12.11	−14 30.5	1.982	2.991	1.1	20.7
5 21	15 3.41	−13 53.3	1.994	2.989	4.4	21.0
5 31	14 55.60	−13 21.3	2.034	2.986	8.1	21.2
6 10	14 49.39	−12 57.8	2.098	2.983	11.4	21.4

28205 1998 XL_{51} 5 10.9 199.°65 2.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 45.51	−25 45.6	1.941	2.706	16.1	20.4
4 11	15 40.71	−25 58.5	1.842	2.703	13.2	20.2
4 21	15 33.11	−25 59.6	1.763	2.698	9.7	19.9
5 1	15 23.24	−25 47.1	1.709	2.693	5.8	19.7
5 11	15 12.11	−25 21.2	1.682	2.686	2.8	19.5
5 21	15 0.88	−24 44.4	1.682	2.679	4.7	19.6
5 31	14 50.79	−24 1.5	1.710	2.671	8.7	19.8
6 10	14 42.80	−23 18.7	1.763	2.662	12.5	20.0

500101 2012 BZ_{59} 5 10.9 193.°97 4.°0/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 43.85	−29 1.7	1.849	2.612	16.9	22.2
4 11	15 39.60	−29 19.3	1.755	2.610	14.0	22.0
4 21	15 32.42	−29 22.3	1.681	2.608	10.6	21.8
5 1	15 22.91	−29 8.4	1.629	2.606	6.9	21.6
5 11	15 12.11	−28 37.3	1.604	2.603	4.2	21.4
5 21	15 1.27	−27 51.5	1.605	2.599	5.3	21.4
5 31	14 51.67	−26 56.8	1.633	2.595	8.9	21.6
6 10	14 44.29	−26 0.1	1.685	2.590	12.6	21.8

339443 2005 ET_{158} 5 10.9 176.°85 1.°0/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.56	−16 42.3	2.201	2.995	13.6	21.5
4 11	15 33.75	−16 19.0	2.111	2.996	10.8	21.3
4 21	15 27.86	−15 49.0	2.044	2.996	7.4	21.1
5 1	15 20.40	−15 14.2	2.002	2.996	3.8	20.8
5 11	15 12.12	−14 37.5	1.988	2.997	1.1	20.6
5 21	15 3.89	−14 2.5	2.002	2.997	4.4	20.9
5 31	14 56.53	−13 32.6	2.043	2.996	8.0	21.1
6 10	14 50.74	−13 11.1	2.109	2.996	11.3	21.3

285019 2011 CW_{77} 5 10.9 119.°92 1.°2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 44.18	−22 18.3	2.322	3.087	13.8	22.2
4 11	15 38.73	−22 20.6	2.246	3.109	11.0	22.0
4 21	15 31.14	−22 14.2	2.191	3.131	7.8	21.8
5 1	15 21.99	−21 59.2	2.163	3.152	4.2	21.6
5 11	15 12.13	−21 37.0	2.164	3.172	1.2	21.5
5 21	15 2.45	−21 10.1	2.193	3.191	3.7	21.7
5 31	14 53.81	−20 42.0	2.252	3.210	7.1	21.9
6 10	14 46.89	−20 16.4	2.336	3.228	10.2	22.1

496757 2016 UD_{88} 5 10.9 299.°51 0.°0/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.79	−19 24.8	2.130	2.925	13.9	21.8
4 11	15 32.69	−19 12.1	2.021	2.905	11.2	21.5
4 21	15 27.37	−18 51.1	1.934	2.886	7.9	21.3
5 1	15 20.27	−18 22.4	1.872	2.866	4.1	21.0
5 11	15 12.13	−17 48.5	1.837	2.847	0.0	20.6
5 21	15 3.84	−17 12.5	1.829	2.827	4.2	20.9
5 31	14 56.35	−16 38.6	1.848	2.808	8.2	21.1
6 10	14 50.46	−16 10.7	1.891	2.789	11.8	21.3

179772 2002 SO_{31} 5 10.9 205.°18 1.°8/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.07	−13 51.4	1.934	2.731	15.1	20.6
4 11	15 37.70	−13 40.1	1.842	2.728	12.0	20.3
4 21	15 30.84	−13 24.4	1.771	2.724	8.4	20.1
5 1	15 22.02	−13 6.2	1.725	2.719	4.4	19.8
5 11	15 12.14	−12 48.2	1.707	2.714	1.9	19.7
5 21	15 2.22	−12 33.6	1.716	2.709	5.2	19.9
5 31	14 53.31	−12 25.5	1.752	2.703	9.3	20.1
6 10	14 46.25	−12 26.5	1.812	2.697	12.9	20.3

404214 2013 CX_{170} 5 10.9 310.°78 1.°0/10.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.40	−18 23.2	1.321	2.145	19.3	21.4
4 11	15 36.01	−17 58.7	1.238	2.139	15.5	21.2
4 21	15 30.33	−17 22.0	1.174	2.134	10.8	20.9
5 1	15 21.98	−16 35.0	1.132	2.128	5.5	20.6
5 11	15 12.14	−15 42.4	1.113	2.123	1.0	20.2
5 21	15 2.26	−14 50.5	1.119	2.118	6.2	20.6
5 31	14 53.82	−14 6.4	1.149	2.113	11.5	20.8
6 10	14 47.94	−13 36.0	1.199	2.108	16.3	21.1

474908 2005 SU_{210} 5 10.9 222.°18 5.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.69	−36 21.2	2.982	3.680	12.4	22.0
4 11	15 37.77	−37 7.3	2.871	3.671	10.7	21.9
4 21	15 30.71	−37 42.2	2.781	3.662	8.7	21.7
5 1	15 21.93	−38 3.1	2.716	3.652	6.8	21.6
5 11	15 12.15	−38 8.1	2.678	3.642	5.5	21.5
5 21	15 2.19	−37 57.5	2.667	3.631	5.7	21.5
5 31	14 52.94	−37 33.4	2.685	3.620	7.2	21.6
6 10	14 45.18	−37 0.0	2.728	3.609	9.2	21.7

502955 2015 EY_{62} 5 10.9 69.°00 2.°8/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.64	−13 47.1	1.823	2.633	15.3	21.4
4 11	15 34.00	−12 54.1	1.757	2.651	12.1	21.2
4 21	15 28.06	−11 54.9	1.713	2.669	8.3	21.0
5 1	15 20.47	−10 53.6	1.694	2.687	4.5	20.8
5 11	15 12.15	− 9 55.5	1.702	2.706	3.0	20.7
5 21	15 4.08	− 9 5.6	1.737	2.724	5.9	20.9
5 31	14 57.14	− 8 28.0	1.798	2.742	9.5	21.2
6 10	14 52.03	− 8 5.1	1.882	2.760	12.8	21.4

198535 2004 XB_{109} 5 10.9 219.°83 4.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.95	−32 27.6	2.167	2.911	15.2	20.1
4 11	15 36.08	−32 24.8	2.066	2.907	12.8	19.9
4 21	15 29.72	−32 5.5	1.985	2.901	9.9	19.7
5 1	15 21.44	−31 28.0	1.927	2.896	6.7	19.5
5 11	15 12.15	−30 32.8	1.896	2.890	4.4	19.4
5 21	15 2.88	−29 23.0	1.893	2.884	5.0	19.4
5 31	14 54.67	−28 4.4	1.917	2.878	7.9	19.6
6 10	14 48.34	−26 44.1	1.966	2.871	11.1	19.7

250746 2005 SO_{163} 5 10.9 283.°97 0.°6/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.07	−19 9.3	2.328	3.111	13.3	20.1
4 11	15 35.11	−19 25.4	2.219	3.094	10.7	19.9
4 21	15 28.97	−19 36.1	2.131	3.078	7.5	19.6
5 1	15 21.08	−19 41.4	2.069	3.061	4.0	19.4
5 11	15 12.16	−19 42.0	2.035	3.044	0.6	19.1
5 21	15 3.05	−19 39.4	2.029	3.027	3.8	19.3
5 31	14 54.67	−19 36.0	2.051	3.010	7.5	19.5
6 10	14 47.81	−19 34.6	2.098	2.994	10.9	19.7

178708 2000 SD_{195} 5 10.9 195.°71 3.°2/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.52	−28 37.8	2.621	3.369	12.8	21.0
4 11	15 35.22	−28 59.3	2.521	3.367	10.6	20.8
4 21	15 28.87	−29 10.6	2.443	3.365	8.0	20.6
5 1	15 20.95	−29 10.4	2.390	3.363	5.3	20.5
5 11	15 12.16	−28 58.6	2.364	3.361	3.3	20.3
5 21	15 3.33	−28 36.7	2.367	3.358	4.1	20.4
5 31	14 55.29	−28 7.6	2.398	3.356	6.7	20.5
6 10	14 48.74	−27 35.5	2.455	3.353	9.5	20.7

131018 2000 XA_{27} 5 10.9 165.°03 1.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 43.14	−22 30.4	2.371	3.136	13.5	20.9
4 11	15 38.13	−22 50.3	2.278	3.141	10.9	20.8
4 21	15 30.91	−23 2.7	2.207	3.145	7.8	20.6
5 1	15 21.99	−23 6.9	2.162	3.149	4.4	20.4
5 11	15 12.16	−23 3.2	2.145	3.152	1.7	20.2
5 21	15 2.32	−22 53.1	2.158	3.155	3.8	20.3
5 31	14 53.38	−22 39.6	2.198	3.157	7.2	20.5
6 10	14 46.08	−22 26.0	2.265	3.159	10.3	20.7

437487 2013 YB_{57} 5 10.9 223.°25 0.°4/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 40.08	−19 13.5	2.127	2.913	14.2	21.8
4 11	15 35.99	−19 18.3	2.031	2.909	11.4	21.6
4 21	15 29.58	−19 16.4	1.956	2.905	8.0	21.3
5 1	15 21.37	−19 7.9	1.907	2.900	4.2	21.1
5 11	15 12.16	−18 54.4	1.885	2.895	0.4	20.8
5 21	15 2.89	−18 38.1	1.891	2.890	4.1	21.1
5 31	14 54.53	−18 22.2	1.925	2.884	8.0	21.3
6 10	14 47.87	−18 10.2	1.983	2.879	11.5	21.5

146256 2000 YE_{81} 5 10.9 164.°86 1.°0/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.21	−15 52.3	2.991	3.772	10.6	21.3
4 11	15 32.05	−15 31.0	2.899	3.776	8.4	21.2
4 21	15 26.35	−15 5.1	2.831	3.780	5.8	21.0
5 1	15 19.54	−14 36.3	2.790	3.784	2.9	20.8
5 11	15 12.17	−14 6.6	2.779	3.787	1.0	20.7
5 21	15 4.84	−13 38.4	2.797	3.790	3.4	20.9
5 31	14 58.15	−13 14.2	2.844	3.793	6.2	21.0
6 10	14 52.61	−12 56.0	2.917	3.795	8.8	21.2

300952 2008 CS_{194} 5 10.9 145.°83 1.°1/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 36.13	−16 14.3	2.805	3.589	11.2	21.8
4 11	15 32.07	−15 45.3	2.718	3.597	8.8	21.6
4 21	15 26.41	−15 11.0	2.654	3.605	6.1	21.5
5 1	15 19.58	−14 33.3	2.618	3.612	3.1	21.3
5 11	15 12.18	−13 54.7	2.610	3.618	1.1	21.1
5 21	15 4.86	−13 18.0	2.632	3.625	3.6	21.3
5 31	14 58.24	−12 46.1	2.682	3.631	6.6	21.5
6 10	14 52.84	−12 21.3	2.759	3.637	9.2	21.7

15727 Ianmorison 5 10.9 186.°64 1.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.85	−23 34.8	1.815	2.597	16.5	19.3
4 11	15 38.63	−23 26.8	1.724	2.597	13.4	19.0
4 21	15 31.65	−23 6.2	1.653	2.596	9.6	18.8
5 1	15 22.49	−22 32.9	1.605	2.595	5.3	18.5
5 11	15 12.18	−21 48.7	1.585	2.593	1.5	18.3
5 21	15 1.88	−20 57.7	1.592	2.591	4.5	18.5
5 31	14 52.78	−20 5.5	1.626	2.588	8.9	18.7
6 10	14 45.80	−19 18.3	1.684	2.585	12.9	19.0

335119 2004 TR_{258} 5 10.9 248.°38 0.°6/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 39.98	−21 7.2	2.228	3.008	13.9	22.1
4 11	15 35.94	−20 59.1	2.117	2.991	11.2	21.9
4 21	15 29.60	−20 42.0	2.028	2.973	8.0	21.7
5 1	15 21.42	−20 16.1	1.964	2.956	4.2	21.4
5 11	15 12.18	−19 43.1	1.928	2.937	0.6	21.1
5 21	15 2.79	−19 6.0	1.920	2.918	4.0	21.3
5 31	14 54.21	−18 28.6	1.940	2.899	7.9	21.5
6 10	14 47.26	−17 55.5	1.985	2.879	11.5	21.7

355735 2008 GQ_{120} 5 10.9 340.°76 3.°0/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 34.76	−10 55.0	2.060	2.871	13.8	20.4
4 11	15 31.72	−10 27.9	1.972	2.866	10.9	20.1
4 21	15 26.57	− 9 57.9	1.905	2.860	7.7	19.9
5 1	15 19.81	− 9 28.1	1.863	2.855	4.4	19.7
5 11	15 12.19	− 9 2.1	1.848	2.850	3.1	19.6
5 21	15 4.57	− 8 43.2	1.860	2.846	5.7	19.8
5 31	14 57.80	− 8 34.4	1.898	2.842	9.1	20.0
6 10	14 52.59	− 8 37.5	1.959	2.839	12.3	20.2

387350 2012 WD_{32} 5 10.9 243.°03 0.°8/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 37.18	−17 2.2	2.247	3.040	13.4	21.3
4 11	15 33.49	−16 45.8	2.152	3.036	10.6	21.1
4 21	15 27.73	−16 23.0	2.079	3.031	7.4	20.9
5 1	15 20.39	−15 55.4	2.032	3.026	3.7	20.7
5 11	15 12.19	−15 25.3	2.012	3.021	0.8	20.5
5 21	15 3.98	−14 56.0	2.020	3.016	4.2	20.7
5 31	14 56.60	−14 30.7	2.056	3.011	7.8	20.9
6 10	14 50.75	−14 12.6	2.116	3.006	11.1	21.1

99648 2002 HR 5 10.9 341.°37 7.°2/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.72	− 5 59.2	1.081	1.940	20.4	18.7
4 11	15 32.01	− 5 18.5	1.006	1.925	16.6	18.4
4 21	15 27.87	− 4 38.2	0.948	1.911	12.3	18.1
5 1	15 20.87	− 4 5.7	0.910	1.899	8.4	17.9
5 11	15 12.19	− 3 49.3	0.892	1.888	7.5	17.8
5 21	15 3.37	− 3 55.1	0.896	1.879	10.7	17.9
5 31	14 55.99	− 4 25.9	0.919	1.871	15.3	18.1
6 10	14 51.31	− 5 21.1	0.961	1.865	19.8	18.4

31037 Mydon 5 11.0 9.°41 1.°3/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 26.21	−13 6.2	3.686	4.569	6.6	18.6
4 21	15 22.20	−12 36.2	3.619	4.571	4.5	18.5
5 1	15 17.40	−12 5.0	3.580	4.573	2.4	18.3
5 11	15 12.21	−11 34.7	3.569	4.575	1.4	18.3
5 21	15 7.05	−11 7.0	3.588	4.577	3.1	18.4
5 31	15 2.33	−10 43.9	3.636	4.579	5.2	18.5
6 10	14 58.41	−10 26.8	3.709	4.582	7.2	18.7
6 20	14 55.56	−10 16.5	3.806	4.584	9.0	18.8

437205 2012 WB_{10} 5 11.0 306.°60 1.°1/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 33.43	−22 27.1	1.878	2.757	12.1	21.2
4 21	15 27.95	−22 5.1	1.801	2.749	8.6	21.0
5 1	15 20.60	−21 32.4	1.749	2.740	4.7	20.7
5 11	15 12.21	−20 51.1	1.723	2.732	1.1	20.4
5 21	15 3.77	−20 4.7	1.724	2.724	4.2	20.6
5 31	14 56.29	−19 18.2	1.752	2.716	8.2	20.9
6 10	14 50.60	−18 36.6	1.804	2.708	12.0	21.1
6 20	14 47.18	−18 3.9	1.876	2.701	15.2	21.3