470080 2006 SU_{354} 4 28.9 279°.49 0°.3/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.76	−13 45.0	2.259	3.063	12.9	21.1
4 1	14 47.25	−13 48.1	2.169	3.062	10.0	20.9
4 11	14 40.75	−13 45.1	2.103	3.061	6.7	20.6
4 21	14 32.80	−13 37.3	2.063	3.060	3.0	20.4
5 1	14 24.14	−13 26.9	2.052	3.059	0.9	20.2
5 11	14 15.66	−13 16.9	2.069	3.058	4.7	20.5
5 21	14 8.14	−13 10.1	2.113	3.057	8.3	20.7
5 31	14 2.25	−13 9.3	2.182	3.056	11.4	20.9

199936 2007 GO_{49} 4 28.9 294°.87 4°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.27	− 8 34.9	1.757	2.593	14.6	19.7
4 1	14 44.30	− 7 8.3	1.669	2.580	11.3	19.5
4 11	14 39.05	− 5 31.6	1.604	2.568	7.7	19.2
4 21	14 32.10	− 3 51.5	1.565	2.556	4.7	19.0
5 1	14 24.32	− 2 16.3	1.552	2.544	5.1	19.0
5 11	14 16.72	− 0 54.3	1.567	2.532	8.5	19.2
5 21	14 10.26	+ 0 8.1	1.605	2.521	12.3	19.4
5 31	14 5.67	+ 0 47.4	1.665	2.509	15.8	19.6

218971 2008 FG_{42} 4 28.9 261°.39 1°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.29	−18 52.4	1.904	2.702	15.1	20.7
4 1	14 49.12	−18 45.2	1.796	2.683	12.1	20.4
4 11	14 42.42	−18 25.5	1.710	2.663	8.4	20.2
4 21	14 33.72	−17 53.7	1.649	2.642	4.2	19.9
5 1	14 23.89	−17 12.4	1.614	2.621	1.2	19.6
5 11	14 14.07	−16 26.1	1.608	2.599	5.4	19.8
5 21	14 5.34	−15 40.5	1.627	2.577	9.8	20.1
5 31	13 58.63	−15 1.5	1.671	2.555	13.8	20.2

359034 2008 WM_{69} 4 28.9 111°.94 1°.7/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.01	−11 33.7	1.519	2.342	17.2	21.3
4 1	14 52.06	−11 20.4	1.451	2.353	13.3	21.0
4 11	14 44.28	−10 59.6	1.402	2.364	8.8	20.8
4 21	14 34.46	−10 34.5	1.379	2.375	4.0	20.5
5 1	14 23.75	−10 9.3	1.381	2.386	2.3	20.4
5 11	14 13.50	− 9 49.1	1.410	2.396	6.8	20.8
5 21	14 4.87	− 9 38.2	1.464	2.406	11.3	21.0
5 31	13 58.67	− 9 39.5	1.540	2.416	15.3	21.3

429133 2009 SO_{361} 4 28.9 128°.14 3°.1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.82	−26 18.8	2.271	3.033	14.1	21.8
4 1	14 48.08	−26 12.1	2.188	3.046	11.4	21.6
4 11	14 41.27	−25 50.0	2.127	3.058	8.4	21.4
4 21	14 33.00	−25 12.6	2.091	3.070	5.2	21.3
5 1	14 24.12	−24 22.1	2.083	3.082	3.1	21.2
5 11	14 15.56	−23 22.6	2.104	3.093	4.6	21.3
5 21	14 8.13	−22 19.7	2.152	3.103	7.7	21.5
5 31	14 2.48	−21 19.2	2.226	3.113	10.7	21.7

228013 2008 DK_{17} 4 28.9 269°.73 3°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.33	− 9 5.9	1.684	2.516	15.3	20.4
4 1	14 46.82	− 8 9.7	1.596	2.505	11.9	20.1
4 11	14 40.83	− 7 5.1	1.529	2.493	8.0	19.9
4 21	14 32.95	− 5 57.2	1.488	2.482	4.4	19.6
5 1	14 24.12	− 4 52.7	1.473	2.471	4.2	19.6
5 11	14 15.47	− 3 58.9	1.484	2.459	7.9	19.8
5 21	14 8.05	− 3 21.1	1.520	2.447	12.1	20.0
5 31	14 2.67	− 3 2.7	1.577	2.436	15.8	20.2

26226 1998 GJ_{1} 4 28.9 218°.85 3°.3/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.62	− 9 5.2	1.695	2.522	15.4	18.4
4 1	14 48.52	− 8 19.8	1.612	2.518	12.0	18.2
4 11	14 41.90	− 7 27.2	1.551	2.514	8.1	17.9
4 21	14 33.41	− 6 32.1	1.514	2.509	4.3	17.7
5 1	14 24.02	− 5 40.5	1.505	2.504	3.9	17.6
5 11	14 14.87	− 4 58.8	1.522	2.499	7.6	17.8
5 21	14 7.01	− 4 31.6	1.564	2.493	11.7	18.1
5 31	14 1.25	− 4 21.7	1.628	2.487	15.4	18.3

46453 4013 $P–L$ 4 28.9 260°.82 0°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.67	−15 6.1	2.316	3.120	12.6	19.6
4 1	14 45.72	−14 26.8	2.207	3.100	9.8	19.4
4 11	14 39.81	−13 37.1	2.121	3.079	6.6	19.2
4 21	14 32.43	−12 39.6	2.062	3.058	2.9	18.9
5 1	14 24.26	−11 38.0	2.031	3.037	1.4	18.7
5 11	14 16.16	−10 37.5	2.029	3.015	5.1	19.0
5 21	14 8.92	− 9 43.1	2.055	2.992	8.8	19.1
5 31	14 3.22	− 8 59.1	2.105	2.970	12.1	19.3

165188 2000 QD_{218} 4 28.9 187°.17 0°.4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.54	−17 45.0	4.350	5.126	7.6	21.6
4 1	14 41.50	−17 36.5	4.250	5.125	5.9	21.5
4 11	14 36.47	−17 22.8	4.175	5.123	4.0	21.3
4 21	14 30.75	−17 4.8	4.129	5.121	1.9	21.2
5 1	14 24.70	−16 43.6	4.113	5.119	0.5	21.0
5 11	14 18.75	−16 21.2	4.127	5.117	2.5	21.2
5 21	14 13.26	−15 59.3	4.172	5.114	4.6	21.3
5 31	14 8.56	−15 39.7	4.243	5.111	6.5	21.5

281529 2008 TM_{113} 4 28.9 103°.20 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.44	−12 12.8	1.963	2.776	14.2	20.6
4 1	14 48.02	−12 4.7	1.880	2.778	11.0	20.4
4 11	14 41.39	−11 50.2	1.820	2.780	7.3	20.2
4 21	14 33.12	−11 31.6	1.785	2.782	3.3	19.9
5 1	14 24.10	−11 12.0	1.778	2.784	1.6	19.8
5 11	14 15.32	−10 55.2	1.799	2.786	5.5	20.0
5 21	14 7.67	−10 44.6	1.846	2.787	9.4	20.3
5 31	14 1.88	−10 43.1	1.917	2.789	12.8	20.5

135198 2001 RX_{42} 4 29.0 193°.11 4°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.19	−29 12.4	2.410	3.158	13.7	20.2
4 1	14 46.92	−29 22.8	2.314	3.157	11.4	20.0
4 11	14 40.60	−29 17.9	2.239	3.156	8.7	19.8
4 21	14 32.76	−28 56.6	2.188	3.155	6.0	19.7
5 1	14 24.19	−28 19.7	2.165	3.153	4.3	19.6
5 11	14 15.80	−27 30.3	2.169	3.152	5.1	19.6
5 21	14 8.42	−26 33.4	2.201	3.150	7.7	19.8
5 31	14 2.74	−25 34.6	2.258	3.148	10.5	19.9

471871 2013 AP_{41} 4 29.0 170°.29 4°.1/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.37	− 2 10.7	2.676	3.492	10.7	21.7
4 1	14 44.19	− 1 23.6	2.597	3.495	8.4	21.6
4 11	14 38.48	− 0 36.3	2.544	3.496	6.0	21.4
4 21	14 31.71	+ 0 7.2	2.517	3.498	4.2	21.3
5 1	14 24.47	+ 0 43.1	2.519	3.499	4.5	21.3
5 11	14 17.43	+ 1 8.1	2.550	3.500	6.6	21.5
5 21	14 11.17	+ 1 20.1	2.606	3.501	9.0	21.6
5 31	14 6.19	+ 1 18.3	2.687	3.501	11.3	21.8

430012 2013 QZ_{92} 4 29.0 174°.82 4°.4/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.85	− 5 27.3	2.065	2.888	13.2	22.3
4 1	14 46.57	− 4 16.6	1.987	2.890	10.3	22.2
4 11	14 40.29	− 3 1.8	1.934	2.892	7.1	22.0
4 21	14 32.59	− 1 48.3	1.907	2.893	4.7	21.8
5 1	14 24.26	− 0 42.6	1.907	2.894	5.0	21.8
5 11	14 16.20	+ 0 9.9	1.936	2.894	7.7	22.0
5 21	14 9.20	+ 0 45.4	1.990	2.894	10.9	22.2
5 31	14 3.89	+ 1 2.3	2.067	2.893	13.8	22.4

344256 2001 SR_{274} 4 29.0 137°.60 0°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.95	−15 58.7	2.595	3.390	11.6	21.8
4 1	14 45.50	−15 37.7	2.512	3.399	9.0	21.7
4 11	14 39.40	−15 8.8	2.453	3.408	6.0	21.5
4 21	14 32.14	−14 33.8	2.420	3.416	2.7	21.3
5 1	14 24.38	−13 55.6	2.417	3.424	0.7	21.1
5 11	14 16.84	−13 17.7	2.443	3.432	4.1	21.4
5 21	14 10.19	−12 43.6	2.497	3.439	7.3	21.6
5 31	14 4.93	−12 16.4	2.577	3.446	10.1	21.8

31247 1998 DD_{13} 4 29.0 15°.88 2°.1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.21	−18 37.7	1.831	2.633	15.5	17.8
4 1	14 48.94	−19 15.0	1.750	2.637	12.3	17.6
4 11	14 42.18	−19 43.1	1.691	2.641	8.6	17.3
4 21	14 33.55	−20 1.5	1.656	2.646	4.6	17.1
5 1	14 24.01	−20 10.5	1.647	2.652	2.1	16.9
5 11	14 14.69	−20 12.7	1.666	2.658	5.2	17.2
5 21	14 6.63	−20 11.4	1.711	2.665	9.1	17.4
5 31	14 0.64	−20 11.0	1.780	2.672	12.7	17.6

369542 2011 AT_{14} 4 29.0 141°.56 4°.3/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.11	− 3 38.9	2.065	2.882	13.4	22.1
4 1	14 49.01	− 2 57.9	1.994	2.892	10.5	21.9
4 11	14 41.86	− 2 16.1	1.946	2.902	7.3	21.7
4 21	14 33.28	− 1 38.1	1.925	2.911	4.7	21.5
5 1	14 24.10	− 1 8.4	1.932	2.919	4.8	21.6
5 11	14 15.27	− 0 51.0	1.966	2.927	7.4	21.7
5 21	14 7.57	− 0 48.1	2.027	2.935	10.5	21.9
5 31	14 1.63	− 1 0.4	2.111	2.942	13.4	22.1

115029 2003 QZ_{102} 4 29.0 159°.33 2°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.49	−24 31.0	2.242	3.015	13.9	20.0
4 1	14 47.15	−24 24.5	2.153	3.018	11.2	19.9
4 11	14 40.74	−24 3.6	2.084	3.022	8.1	19.7
4 21	14 32.82	−23 28.6	2.042	3.025	4.8	19.5
5 1	14 24.21	−22 41.4	2.026	3.028	2.6	19.3
5 11	14 15.84	−21 46.4	2.040	3.030	4.6	19.5
5 21	14 8.54	−20 48.7	2.080	3.032	7.9	19.7
5 31	14 2.98	−19 53.9	2.146	3.034	11.0	19.9

387572 2001 SP_{344} 4 29.0 112°.47 4°.5/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.99	−31 50.0	2.714	3.437	12.9	21.3
4 1	14 47.97	−32 3.5	2.633	3.456	10.8	21.2
4 11	14 41.09	−32 1.8	2.573	3.474	8.4	21.0
4 21	14 32.92	−31 44.1	2.538	3.492	6.1	20.9
5 1	14 24.20	−31 11.0	2.531	3.509	4.6	20.8
5 11	14 15.77	−30 25.4	2.552	3.526	5.1	20.9
5 21	14 8.36	−29 31.6	2.601	3.543	7.0	21.0
5 31	14 2.55	−28 34.9	2.676	3.559	9.3	21.2

68797 2002 GG_{10} 4 29.0 358°.08 4°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 47.79	− 7 47.9	1.717	2.554	14.8	18.9
4 1	14 44.66	− 6 41.7	1.641	2.553	11.5	18.7
4 11	14 39.25	− 5 28.8	1.588	2.552	7.8	18.5
4 21	14 32.18	− 4 15.1	1.560	2.552	4.6	18.3
5 1	14 24.37	− 3 7.7	1.558	2.552	4.8	18.3
5 11	14 16.85	− 2 13.5	1.582	2.552	8.0	18.5
5 21	14 10.53	− 1 36.9	1.630	2.552	11.8	18.7
5 31	14 6.12	− 1 20.4	1.700	2.553	15.1	18.9

292285 2006 ST_{130} 4 29.0 192°.32 2°.5/ 1.2 18

3 22	14 52.04	−23 13.3	2.625	3.392	12.3	20.8
4 1	14 47.33	−23 27.9	2.528	3.390	9.9	20.6
4 11	14 40.76	−23 32.0	2.453	3.389	7.1	20.4
4 21	14 32.82	−23 25.3	2.405	3.387	4.3	20.2
5 1	14 24.21	−23 8.7	2.385	3.385	2.5	20.1
5 11	14 15.72	−22 44.7	2.394	3.383	4.2	20.2
5 21	14 8.11	−22 16.6	2.432	3.380	7.1	20.4
5 31	14 2.00	−21 48.5	2.495	3.377	9.9	20.6

215576 2003 FK_{75} 4 29.0 94°.04 6°.7/ 5.9 18

3 22	14 53.14	−37 25.3	2.438	3.137	14.7	20.6
4 1	14 48.55	−37 55.5	2.354	3.150	12.8	20.5
4 11	14 41.72	−38 6.9	2.290	3.162	10.5	20.4
4 21	14 33.28	−37 57.0	2.248	3.174	8.4	20.2
5 1	14 24.10	−37 25.4	2.232	3.186	6.9	20.2
5 11	14 15.22	−36 34.9	2.242	3.198	7.0	20.2
5 21	14 7.53	−35 30.3	2.278	3.210	8.4	20.3
5 31	14 1.74	−34 18.5	2.340	3.222	10.5	20.5

430039 2013 RA_{80} 4 29.0 178°.24 4°.2/ 2.1 17

3 22	14 55.71	−26 31.2	2.121	2.881	15.0	22.1
4 1	14 50.73	−27 1.2	2.028	2.882	12.3	21.9
4 11	14 43.32	−27 17.1	1.957	2.883	9.3	21.7
4 21	14 34.07	−27 17.1	1.910	2.883	6.1	21.5
5 1	14 23.90	−27 1.3	1.891	2.884	4.2	21.4
5 11	14 13.89	−26 32.3	1.899	2.883	5.5	21.4
5 21	14 5.07	−25 54.9	1.934	2.883	8.6	21.6
5 31	13 58.23	−25 15.0	1.994	2.882	11.7	21.8

155750 2000 SK_{102} 4 29.0 313°.37 5°.9/ 1.8 18

3 22	14 54.16	−25 38.7	1.584	2.372	18.1	19.7
4 1	14 50.69	−26 43.5	1.482	2.352	15.1	19.4
4 11	14 44.04	−27 35.2	1.400	2.334	11.6	19.2
4 21	14 34.70	−28 10.0	1.340	2.315	8.0	18.9
5 1	14 23.69	−28 24.8	1.305	2.297	5.9	18.7
5 11	14 12.52	−28 20.6	1.295	2.279	7.5	18.8
5 21	14 2.69	−28 1.7	1.308	2.262	11.3	19.0
5 31	13 55.46	−27 35.6	1.344	2.245	15.4	19.1

459089 2012 BL_{81} 4 29.0 344°.06 13°.2/19.6 17

3 22	14 48.10	+10 4.4	1.242	2.094	18.5	20.2
4 1	14 45.74	+11 52.9	1.185	2.085	15.9	20.0
4 11	14 40.39	+13 30.1	1.147	2.078	13.9	19.9
4 21	14 32.82	+14 43.3	1.130	2.071	13.2	19.8
5 1	14 24.23	+15 21.4	1.133	2.065	14.3	19.9
5 11	14 16.02	+15 18.7	1.156	2.061	16.7	20.0
5 21	14 9.44	+14 35.9	1.197	2.057	19.6	20.1
5 31	14 5.36	+13 17.7	1.254	2.054	22.3	20.3

519926 2013 RC_{105} 4 29.0 207°.16 3°.9/25.2 17

3 22	14 49.63	− 8 0.1	2.032	2.856	13.4	22.0
4 1	14 45.73	− 6 38.0	1.948	2.852	10.3	21.8
4 11	14 39.80	− 5 8.5	1.888	2.848	7.0	21.6
4 21	14 32.41	− 3 37.3	1.854	2.844	4.3	21.4
5 1	14 24.34	− 2 11.4	1.849	2.840	4.6	21.4
5 11	14 16.50	− 0 57.5	1.872	2.835	7.6	21.6
5 21	14 9.70	− 0 0.7	1.920	2.829	11.0	21.8
5 31	14 4.59	+ 0 36.2	1.991	2.824	14.0	21.9

153067 2000 QG_{195} 4 29.0 250°.49 4°.1/25.8 18

3 22	14 50.77	− 6 14.2	1.912	2.739	14.0	20.3
4 1	14 46.82	− 5 22.5	1.824	2.729	10.9	20.1
4 11	14 40.66	− 4 26.1	1.759	2.720	7.5	19.8
4 21	14 32.85	− 3 30.0	1.720	2.710	4.6	19.6
5 1	14 24.22	− 2 40.1	1.708	2.700	4.7	19.6
5 11	14 15.77	− 2 1.9	1.722	2.690	7.7	19.8
5 21	14 8.40	− 1 39.3	1.762	2.679	11.3	20.0
5 31	14 2.85	− 1 34.4	1.824	2.668	14.6	20.2

256908 2008 DW_{72} 4 29.0 103°.14 0°.3/29.2 17

3 22	14 53.47	−17 14.3	1.693	2.503	16.2	21.4
4 1	14 49.12	−16 55.7	1.620	2.514	12.7	21.2
4 11	14 42.25	−16 24.6	1.567	2.525	8.5	21.0
4 21	14 33.55	−15 43.2	1.540	2.535	3.9	20.7
5 1	14 24.06	−14 55.7	1.538	2.546	0.9	20.5
5 11	14 14.98	−14 7.7	1.565	2.556	5.6	20.9
5 21	14 7.31	−13 25.2	1.616	2.565	9.9	21.1
5 31	14 1.80	−12 52.8	1.691	2.575	13.7	21.4

201655 2003 TY_{10} 4 29.0 174°.16 0°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.75	−18 8.5	2.066	2.868	13.9	20.5
4 1	14 45.89	−17 40.3	1.978	2.869	10.9	20.3
4 11	14 39.95	−17 0.0	1.913	2.869	7.4	20.0
4 21	14 32.49	−16 9.8	1.874	2.869	3.5	19.8
5 1	14 24.32	−15 13.3	1.862	2.870	0.8	19.6
5 11	14 16.40	−14 15.9	1.879	2.870	4.8	19.9
5 21	14 9.56	−13 22.8	1.922	2.870	8.7	20.1
5 31	14 4.46	−12 38.7	1.990	2.870	12.1	20.3

42384 2506 $P–L$ 4 29.0 280°.92 4°.2/ 1.5 18

3 22	14 55.43	−24 29.6	1.966	2.740	15.5	19.7
4 1	14 51.00	−25 11.7	1.854	2.718	12.8	19.5
4 11	14 43.85	−25 42.0	1.763	2.696	9.6	19.2
4 21	14 34.49	−25 58.1	1.696	2.674	6.2	19.0
5 1	14 23.78	−25 58.8	1.656	2.651	4.2	18.8
5 11	14 12.93	−25 45.6	1.643	2.629	6.0	18.8
5 21	14 3.15	−25 22.7	1.656	2.606	9.6	19.0
5 31	13 55.46	−24 56.0	1.693	2.583	13.3	19.2

107700 2001 FQ_{17} 4 29.0 10°.17 0°.2/29.1 17

3 22	14 47.80	−17 17.7	1.212	2.055	19.4	19.7
4 1	14 45.71	−16 59.9	1.144	2.056	15.2	19.4
4 11	14 40.49	−16 25.5	1.094	2.059	10.3	19.1
4 21	14 32.90	−15 37.5	1.065	2.062	4.7	18.8
5 1	14 24.22	−14 41.5	1.060	2.067	1.1	18.6
5 11	14 15.96	−13 45.7	1.079	2.073	6.8	19.0
5 21	14 9.42	−12 58.2	1.120	2.079	12.1	19.3
5 31	14 5.54	−12 25.2	1.181	2.087	16.7	19.5

504830 2010 MU_{24} 4 29.0 241°.32 3°.3/26.1 17

3 22	14 52.14	− 9 57.1	1.983	2.801	13.9	21.7
4 1	14 47.92	− 8 45.0	1.882	2.784	10.8	21.5
4 11	14 41.44	− 7 22.8	1.805	2.766	7.3	21.2
4 21	14 33.23	− 5 55.3	1.754	2.747	4.0	21.0
5 1	14 24.13	− 4 29.4	1.731	2.727	4.0	20.9
5 11	14 15.13	− 3 12.4	1.737	2.707	7.4	21.1
5 21	14 7.17	− 2 10.3	1.769	2.686	11.3	21.3
5 31	14 1.01	− 1 27.1	1.824	2.664	14.8	21.5

323740 2005 MH_{23} 4 29.0 287°.29 6°.4/24.3 18

3 22	14 50.95	− 2 28.1	1.624	2.462	15.5	20.6
4 1	14 47.55	− 1 19.5	1.528	2.437	12.4	20.3
4 11	14 41.51	− 0 6.9	1.455	2.412	9.0	20.0
4 21	14 33.38	+ 1 2.7	1.405	2.387	6.6	19.8
5 1	14 24.08	+ 2 1.0	1.381	2.362	7.3	19.8
5 11	14 14.81	+ 2 40.3	1.381	2.336	10.5	19.9
5 21	14 6.71	+ 2 56.1	1.405	2.311	14.4	20.1
5 31	14 0.72	+ 2 46.6	1.449	2.285	18.1	20.2

208988 2003 AU_{26} 4 29.0 111°.33 1°.3/27.8 17

3 22	14 50.07	−12 18.9	2.422	3.228	12.0	21.1
4 1	14 45.66	−11 50.0	2.346	3.241	9.2	20.9
4 11	14 39.53	−11 14.9	2.295	3.254	6.1	20.7
4 21	14 32.22	−10 36.4	2.271	3.267	2.8	20.5
5 1	14 24.42	− 9 57.8	2.275	3.279	1.7	20.5
5 11	14 16.90	− 9 23.1	2.308	3.292	4.8	20.7
5 21	14 10.31	− 8 55.3	2.369	3.303	8.0	20.9
5 31	14 5.20	− 8 37.1	2.455	3.315	10.8	21.1

384728 2011 KT 4 29.0 343°.00 2°.7/27.2 17

3 22	14 48.77	− 9 55.2	1.630	2.466	15.6	20.7
4 1	14 45.66	− 9 23.1	1.549	2.460	12.1	20.4
4 11	14 40.07	− 8 44.0	1.489	2.455	8.1	20.2
4 21	14 32.64	− 8 1.9	1.454	2.450	4.0	19.9
5 1	14 24.30	− 7 22.3	1.444	2.446	3.3	19.9
5 11	14 16.21	− 6 50.9	1.460	2.442	7.2	20.1
5 21	14 9.37	− 6 32.2	1.500	2.439	11.4	20.3
5 31	14 4.59	− 6 29.0	1.562	2.436	15.1	20.5

205676 2001 XR_{242} 4 29.0 184°.76 1°.0/29.7 16

3 22	14 54.03	−19 35.5	1.636	2.441	16.9	21.0
4 1	14 49.85	−19 16.8	1.551	2.441	13.4	20.8
4 11	14 42.93	−18 42.5	1.487	2.441	9.2	20.5
4 21	14 33.95	−17 54.1	1.447	2.441	4.5	20.2
5 1	14 23.98	−16 55.4	1.433	2.440	1.2	20.0
5 11	14 14.30	−15 53.0	1.447	2.439	5.7	20.3
5 21	14 6.07	−14 54.1	1.485	2.437	10.4	20.6
5 31	14 0.15	−14 5.1	1.547	2.435	14.5	20.8

497424 2005 WK_{188} 4 29.0 212°.94 1°.1/28.1 17

3 22	14 53.27	−12 45.3	2.340	3.141	12.6	22.7
4 1	14 48.39	−12 25.4	2.242	3.133	9.8	22.5
4 11	14 41.54	−11 58.7	2.167	3.125	6.5	22.2
4 21	14 33.22	−11 27.2	2.120	3.116	2.9	22.0
5 1	14 24.16	−10 54.2	2.101	3.106	1.5	21.9
5 11	14 15.24	−10 23.4	2.112	3.096	5.1	22.1
5 21	14 7.24	− 9 58.6	2.150	3.085	8.6	22.3
5 31	14 0.84	− 9 42.6	2.213	3.074	11.8	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
391627 2007 VK_{114}			4 29.0 136°.90		3°.9/25.9 17	
	h m	° ′			°	m
3 22	14 51.62	− 3 31.7	2.246	3.064	12.5	21.4
4 1	14 47.02	− 3 5.8	2.168	3.066	9.7	21.2
4 11	14 40.54	− 2 39.7	2.113	3.069	6.8	21.1
4 21	14 32.72	− 2 17.1	2.084	3.071	4.3	20.9
5 1	14 24.30	− 2 1.8	2.084	3.074	4.3	20.9
5 11	14 16.13	− 1 56.8	2.112	3.076	6.8	21.1
5 21	14 8.93	− 2 4.1	2.166	3.078	9.7	21.3
5 31	14 3.31	− 2 24.2	2.243	3.080	12.5	21.4
522605 2016 EE_{249}			4 29.0 51°.56		4°.0/25.9 17	
3 22	14 49.15	− 9 1.5	1.553	2.392	16.0	20.9
4 1	14 45.84	− 7 48.4	1.489	2.402	12.3	20.7
4 11	14 40.07	− 6 27.3	1.446	2.411	8.3	20.5
4 21	14 32.57	− 5 4.9	1.427	2.421	4.7	20.3
5 1	14 24.35	− 3 49.2	1.435	2.431	4.7	20.3
5 11	14 16.57	− 2 47.8	1.469	2.441	8.3	20.5
5 21	14 10.17	− 2 5.6	1.526	2.451	12.2	20.8
5 31	14 5.86	− 1 45.0	1.604	2.462	15.6	21.0
380604 2004 TN_{56}			4 29.0 237°.85		0°.8/28.3 17	
3 22	14 49.99	−15 35.6	2.038	2.847	13.9	21.6
4 1	14 46.16	−14 52.3	1.943	2.839	10.8	21.4
4 11	14 40.20	−13 57.4	1.872	2.831	7.2	21.1
4 21	14 32.65	−12 53.8	1.826	2.822	3.2	20.9
5 1	14 24.34	−11 46.1	1.808	2.814	1.4	20.7
5 11	14 16.20	−10 40.4	1.818	2.805	5.5	21.0
5 21	14 9.11	− 9 42.2	1.855	2.795	9.4	21.2
5 31	14 3.77	− 8 56.4	1.915	2.786	12.9	21.4
149816 2005 MS_{37}			4 29.0 346°.76		5°.3/24.3 18	
3 22	14 47.94	− 1 29.6	2.079	2.909	12.9	19.8
4 1	14 44.35	− 0 30.2	2.003	2.907	10.1	19.6
4 11	14 38.85	+ 0 29.5	1.951	2.906	7.4	19.4
4 21	14 31.99	+ 1 24.0	1.925	2.904	5.5	19.3
5 1	14 24.51	+ 2 7.6	1.926	2.903	5.9	19.3
5 11	14 17.26	+ 2 36.0	1.953	2.902	8.3	19.4
5 21	14 11.01	+ 2 46.6	2.004	2.901	11.2	19.6
5 31	14 6.35	+ 2 38.9	2.078	2.900	13.9	19.8
91817 1999 TG_{267}			4 29.0 102°.13		5°.5/ 3.4 18	
3 22	14 54.09	−30 34.2	2.022	2.771	16.0	19.4
4 1	14 49.61	−31 4.9	1.938	2.779	13.4	19.2
4 11	14 42.63	−31 18.0	1.874	2.786	10.4	19.1
4 21	14 33.79	−31 11.2	1.833	2.794	7.5	18.9
5 1	14 24.06	−30 44.6	1.818	2.801	5.6	18.8
5 11	14 14.60	−30 1.2	1.830	2.808	6.3	18.8
5 21	14 6.44	−29 6.9	1.868	2.815	8.9	19.0
5 31	14 0.40	−28 8.6	1.930	2.822	11.8	19.2
26807 1982 RK_{1}			4 29.0 293°.93		3°.0/ 1.0 18	
3 22	14 51.47	−23 1.0	1.625	2.425	17.2	17.9
4 1	14 48.15	−23 8.1	1.530	2.414	14.0	17.6
4 11	14 42.00	−22 58.5	1.456	2.402	10.1	17.4
4 21	14 33.64	−22 31.6	1.404	2.391	5.8	17.1
5 1	14 24.07	−21 48.9	1.377	2.380	3.0	16.9
5 11	14 14.63	−20 55.5	1.376	2.369	5.9	17.0
5 21	14 6.55	−19 58.5	1.400	2.358	10.3	17.3
5 31	14 0.80	−19 5.6	1.447	2.348	14.5	17.5
89124 2001 UC_{3}			4 29.0 86°.85		2°.0/27.5 18	
3 22	14 51.71	− 9 10.7	2.237	3.049	12.7	19.8
4 1	14 47.08	− 8 57.1	2.162	3.060	9.8	19.6
4 11	14 40.57	− 8 39.8	2.110	3.070	6.5	19.5
4 21	14 32.73	− 8 21.6	2.085	3.081	3.2	19.3
5 1	14 24.33	− 8 5.4	2.089	3.091	2.4	19.2
5 11	14 16.21	− 7 54.4	2.121	3.101	5.4	19.4
5 21	14 9.11	− 7 51.2	2.179	3.111	8.7	19.7
5 31	14 3.61	− 7 57.3	2.263	3.121	11.6	19.9
330822 2008 WA_{91}			4 29.0 140°.34		0°.5/28.2 18	
3 22	14 44.56	−13 57.4	4.063	4.855	7.8	22.4
4 1	14 40.78	−13 26.5	3.978	4.865	6.0	22.3
4 11	14 36.01	−12 51.1	3.920	4.876	3.9	22.2
4 21	14 30.58	−12 12.7	3.889	4.886	1.7	22.0
5 1	14 24.88	−11 33.5	3.890	4.895	0.8	21.9
5 11	14 19.31	−10 55.8	3.921	4.905	3.0	22.1
5 21	14 14.25	−10 21.7	3.981	4.914	5.1	22.3
5 31	14 10.03	− 9 53.1	4.067	4.923	7.0	22.4
214488 2005 UL_{45}			4 29.0 234°.84		2°.0/26.8 18	
3 22	14 47.10	−10 55.5	2.625	3.437	11.1	20.9
4 1	14 43.37	−10 1.8	2.531	3.429	8.5	20.7
4 11	14 38.06	− 9 1.4	2.461	3.421	5.6	20.5
4 21	14 31.61	− 7 57.7	2.418	3.413	2.8	20.3
5 1	14 24.62	− 6 54.9	2.405	3.405	2.5	20.2
5 11	14 17.78	− 5 57.6	2.421	3.396	5.2	20.4
5 21	14 11.71	− 5 9.5	2.464	3.388	8.2	20.6
5 31	14 6.93	− 4 33.5	2.532	3.379	10.9	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228345 2000 SG_{180}			4 29.0 200°.37		4°.3/ 2.3 18	
	h m	° ′			°	m
3 22	14 56.44	−27 29.4	2.361	3.108	14.0	21.0
4 1	14 51.14	−28 2.3	2.260	3.104	11.6	20.8
4 11	14 43.56	−28 22.0	2.182	3.100	8.8	20.6
4 21	14 34.22	−28 26.7	2.128	3.096	6.0	20.5
5 1	14 23.96	−28 15.9	2.102	3.091	4.3	20.3
5 11	14 13.79	−27 51.7	2.104	3.085	5.4	20.4
5 21	14 4.66	−27 18.2	2.134	3.079	8.1	20.6
5 31	13 57.36	−26 40.8	2.190	3.072	11.0	20.7
241491 2009 BT_{141}			4 29.0 251°.47		1°.5/27.7 17	
3 22	14 49.84	−11 46.7	2.219	3.031	12.8	21.3
4 1	14 45.83	−11 20.4	2.126	3.025	9.9	21.1
4 11	14 39.88	−10 47.4	2.057	3.018	6.6	20.9
4 21	14 32.49	−10 10.4	2.014	3.010	3.0	20.6
5 1	14 24.40	− 9 33.2	1.999	3.003	2.0	20.5
5 11	14 16.47	− 9 0.0	2.013	2.996	5.4	20.7
5 21	14 9.48	− 8 34.3	2.053	2.988	8.9	20.9
5 31	14 4.07	− 8 19.3	2.117	2.981	12.1	21.1
119540 2001 VJ_{18}			4 29.0 261°.44		0°.5/29.4 18	
3 22	14 53.11	−16 49.8	1.853	2.659	15.2	20.0
4 1	14 48.95	−16 48.3	1.756	2.648	12.0	19.8
4 11	14 42.30	−16 36.3	1.680	2.636	8.2	19.5
4 21	14 33.71	−16 15.0	1.629	2.624	3.9	19.2
5 1	14 24.08	−15 46.8	1.604	2.612	0.9	19.0
5 11	14 14.55	−15 16.1	1.608	2.599	5.4	19.2
5 21	14 6.18	−14 47.6	1.637	2.586	9.8	19.5
5 31	13 59.83	−14 26.1	1.690	2.574	13.7	19.7
272770 2005 YW_{179}			4 29.0 324°.16		8°.3/ 4.9 18	
3 22	14 51.34	−34 49.7	1.695	2.443	18.6	20.0
4 1	14 48.35	−35 38.0	1.601	2.433	16.1	19.8
4 11	14 42.33	−36 4.3	1.525	2.423	13.3	19.6
4 21	14 33.85	−36 3.9	1.469	2.414	10.4	19.4
5 1	14 24.04	−35 34.6	1.436	2.405	8.5	19.3
5 11	14 14.34	−34 38.8	1.427	2.397	8.7	19.3
5 21	14 6.13	−33 23.5	1.442	2.389	11.1	19.4
5 31	14 0.49	−31 58.5	1.480	2.382	14.2	19.5
100406 1996 AU_{5}			4 29.0 127°.55		2°.2/26.9 18	
3 22	14 49.33	− 8 35.7	2.656	3.466	11.0	20.2
4 1	14 44.95	− 8 6.1	2.579	3.476	8.4	20.0
4 11	14 39.01	− 7 33.1	2.526	3.485	5.6	19.9
4 21	14 32.01	− 6 59.4	2.500	3.494	2.9	19.7
5 1	14 24.55	− 6 28.4	2.503	3.502	2.5	19.7
5 11	14 17.31	− 6 3.3	2.536	3.511	5.1	19.9
5 21	14 10.90	− 5 46.4	2.596	3.519	7.9	20.1
5 31	14 5.80	− 5 39.6	2.680	3.527	10.4	20.2
26667 Sherwinwu			4 29.0 147°.98		2°.4/30.9 18	
3 22	14 55.59	−23 7.6	1.939	2.718	15.5	19.6
4 1	14 50.61	−23 2.1	1.856	2.727	12.5	19.4
4 11	14 43.20	−22 41.4	1.794	2.736	8.9	19.2
4 21	14 34.02	−22 5.7	1.758	2.744	5.0	18.9
5 1	14 24.05	−21 17.4	1.748	2.752	2.4	18.8
5 11	14 14.41	−20 21.5	1.767	2.759	5.0	19.0
5 21	14 6.10	−19 24.1	1.814	2.765	8.9	19.2
5 31	13 59.86	−18 31.6	1.884	2.770	12.4	19.4
399141 2014 ES_{21}			4 29.0 338°.52		5°.2/24.2 17	
3 22	14 47.20	− 2 2.7	2.092	2.923	12.8	20.8
4 1	14 43.79	− 0 58.1	2.015	2.920	10.0	20.6
4 11	14 38.50	+ 0 7.7	1.962	2.917	7.3	20.4
4 21	14 31.85	+ 1 8.9	1.934	2.914	5.4	20.3
5 1	14 24.58	+ 1 59.7	1.934	2.912	5.9	20.3
5 11	14 17.54	+ 2 35.3	1.960	2.910	8.3	20.5
5 21	14 11.46	+ 2 53.0	2.011	2.907	11.1	20.6
5 31	14 6.95	+ 2 51.9	2.083	2.906	13.8	20.8
488683 2003 UX_{339}			4 29.0 171°.50		0°.2/29.2 17	
3 22	14 49.91	−18 9.4	2.223	3.021	13.2	21.8
4 1	14 45.86	−17 35.4	2.135	3.023	10.4	21.6
4 11	14 39.87	−16 49.6	2.070	3.024	7.0	21.4
4 21	14 32.47	−15 54.5	2.030	3.025	3.2	21.2
5 1	14 24.44	−14 53.6	2.019	3.026	0.7	21.0
5 11	14 16.64	−13 52.1	2.037	3.027	4.6	21.2
5 21	14 9.85	−12 55.2	2.082	3.027	8.3	21.5
5 31	14 4.70	−12 7.3	2.152	3.027	11.5	21.7
290105 2005 QH_{116}			4 29.0 17°.43		3°.9/25.3 17	
3 22	14 47.25	− 5 45.1	2.201	3.027	12.4	20.6
4 1	14 43.72	− 4 45.2	2.123	3.028	9.6	20.4
4 11	14 38.40	− 3 41.8	2.069	3.029	6.6	20.2
4 21	14 31.79	− 2 39.6	2.041	3.030	4.2	20.0
5 1	14 24.62	− 1 44.1	2.042	3.031	4.5	20.0
5 11	14 17.68	− 1 0.0	2.070	3.032	7.0	20.2
5 21	14 11.68	− 0 30.6	2.123	3.033	10.0	20.4
5 31	14 7.18	− 0 17.6	2.199	3.034	12.8	20.6

276100 2002 EG_{74} 4 29.0 47°.93 1°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.41	−14 44.9	1.490	2.322	17.0	19.7
4 1	14 46.04	−13 38.3	1.436	2.344	13.0	19.5
4 11	14 40.17	−12 18.9	1.402	2.367	8.5	19.3
4 21	14 32.61	−10 52.6	1.393	2.391	3.8	19.1
5 1	14 24.45	− 9 27.2	1.410	2.414	2.5	19.0
5 11	14 16.88	− 8 11.1	1.453	2.438	6.8	19.4
5 21	14 10.81	− 7 10.5	1.521	2.463	11.0	19.7
5 31	14 6.90	− 6 29.2	1.611	2.487	14.6	19.9

471447 2011 UT_{145} 4 29.0 277°.09 0°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.34	−17 18.2	2.391	3.186	12.5	21.2
4 1	14 46.25	−17 17.5	2.285	3.170	9.9	20.9
4 11	14 40.21	−17 8.3	2.201	3.154	6.8	20.7
4 21	14 32.69	−16 51.5	2.144	3.138	3.3	20.5
5 1	14 24.39	−16 28.9	2.116	3.123	0.8	20.2
5 11	14 16.14	−16 3.7	2.116	3.106	4.4	20.5
5 21	14 8.74	−15 39.5	2.143	3.090	7.9	20.7
5 31	14 2.86	−15 19.9	2.195	3.074	11.2	20.8

295061 2008 EP_{119} 4 29.0 130°.32 2°.8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.83	−10 22.8	1.763	2.587	15.1	21.4
4 1	14 47.72	− 9 31.2	1.688	2.593	11.6	21.2
4 11	14 41.27	− 8 31.7	1.637	2.599	7.7	21.0
4 21	14 33.15	− 7 29.0	1.610	2.605	3.9	20.8
5 1	14 24.30	− 6 29.3	1.611	2.611	3.4	20.8
5 11	14 15.80	− 5 38.7	1.638	2.616	7.0	21.0
5 21	14 8.58	− 5 2.0	1.691	2.621	10.9	21.2
5 31	14 3.33	− 4 41.9	1.767	2.626	14.4	21.4

472760 2015 FZ_{117} 4 29.0 26°.50 0°.4/26.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.26	− 8 19.2	14.953	15.757	2.2	22.7
4 1	14 30.87	− 8 9.3	14.877	15.772	1.7	22.7
4 11	14 29.26	− 7 59.0	14.828	15.787	1.1	22.6
4 21	14 27.51	− 7 48.6	14.808	15.802	0.6	22.6
5 1	14 25.70	− 7 38.7	14.818	15.818	0.5	22.5
5 11	14 23.91	− 7 29.7	14.858	15.833	1.0	22.6
5 21	14 22.22	− 7 21.9	14.926	15.848	1.6	22.7
5 31	14 20.72	− 7 15.7	15.022	15.863	2.1	22.7

94369 2001 RE_{137} 4 29.0 147°.11 3°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.81	− 9 0.3	1.664	2.486	15.9	20.5
4 1	14 50.93	− 8 19.5	1.591	2.494	12.3	20.3
4 11	14 43.48	− 7 32.3	1.541	2.502	8.3	20.1
4 21	14 34.18	− 6 43.5	1.515	2.509	4.3	19.9
5 1	14 24.07	− 5 58.8	1.516	2.516	3.7	19.9
5 11	14 14.35	− 5 23.9	1.545	2.522	7.4	20.1
5 21	14 6.07	− 5 3.0	1.598	2.527	11.5	20.3
5 31	13 59.98	− 4 58.3	1.674	2.532	15.1	20.6

249455 2009 HQ_{41} 4 29.0 260°.82 2°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.87	−10 20.5	2.398	3.213	11.8	21.2
4 1	14 44.16	− 9 37.9	2.304	3.204	9.2	21.0
4 11	14 38.70	− 8 49.1	2.234	3.195	6.1	20.7
4 21	14 31.97	− 7 57.3	2.190	3.186	3.1	20.5
5 1	14 24.61	− 7 6.8	2.176	3.176	2.6	20.5
5 11	14 17.39	− 6 22.1	2.189	3.166	5.5	20.7
5 21	14 11.01	− 5 46.7	2.230	3.157	8.8	20.8
5 31	14 6.05	− 5 23.6	2.294	3.147	11.7	21.0

380462 2003 UJ_{252} 4 29.0 116°.36 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.64	−11 17.0	2.311	3.113	12.7	20.9
4 1	14 49.29	−11 15.1	2.235	3.127	9.8	20.8
4 11	14 42.03	−11 8.6	2.183	3.140	6.5	20.6
4 21	14 33.43	−10 59.3	2.158	3.154	2.9	20.4
5 1	14 24.26	−10 49.8	2.161	3.167	1.5	20.3
5 11	14 15.38	−10 42.7	2.194	3.179	4.9	20.5
5 21	14 7.54	−10 40.6	2.255	3.191	8.2	20.8
5 31	14 1.34	−10 45.6	2.341	3.203	11.2	21.0

385011 2012 TU_{239} 4 29.0 16°.87 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.55	−12 58.2	2.038	2.852	13.7	21.3
4 1	14 46.53	−12 38.6	1.954	2.852	10.6	21.1
4 11	14 40.41	−12 11.5	1.892	2.852	7.1	20.9
4 21	14 32.77	−11 39.5	1.856	2.852	3.2	20.6
5 1	14 24.41	−11 6.1	1.847	2.853	1.6	20.5
5 11	14 16.28	−10 35.7	1.866	2.853	5.4	20.8
5 21	14 9.21	−10 12.1	1.912	2.853	9.2	21.0
5 31	14 3.87	− 9 58.5	1.981	2.853	12.5	21.2

99397 2002 AF_{24} 4 29.0 233°.01 4°.6/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.35	− 6 15.7	1.816	2.640	14.7	19.9
4 1	14 49.04	− 5 8.3	1.724	2.628	11.5	19.7
4 11	14 42.30	− 3 54.3	1.655	2.614	8.0	19.4
4 21	14 33.72	− 2 39.6	1.611	2.600	5.0	19.2
5 1	14 24.18	− 1 31.4	1.595	2.585	5.3	19.2
5 11	14 14.79	− 0 36.6	1.607	2.570	8.6	19.4
5 21	14 6.56	− 0 0.2	1.643	2.553	12.4	19.6
5 31	14 0.30	+ 0 15.4	1.700	2.536	15.9	19.7

180946 2005 MH_{12} 4 29.0 307°.20 3°.2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.54	−21 47.6	1.498	2.308	18.0	19.8
4 1	14 48.61	−22 11.2	1.399	2.288	14.6	19.5
4 11	14 42.62	−22 20.0	1.318	2.268	10.6	19.2
4 21	14 34.09	−22 12.5	1.260	2.249	6.1	18.9
5 1	14 24.07	−21 49.4	1.226	2.230	3.2	18.7
5 11	14 14.00	−21 14.4	1.218	2.211	6.4	18.8
5 21	14 5.30	−20 34.2	1.233	2.193	11.2	19.1
5 31	13 59.12	−19 56.3	1.270	2.175	15.8	19.3

182176 2000 SM_{250} 4 29.0 318°.86 3°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 41.34	+ 1 26.2	3.985	4.800	7.5	19.2
4 1	14 38.41	+ 2 18.1	3.900	4.793	6.0	19.1
4 11	14 34.53	+ 3 9.0	3.842	4.785	4.5	19.0
4 21	14 29.98	+ 3 55.9	3.811	4.778	3.7	19.0
5 1	14 25.13	+ 4 35.9	3.810	4.770	4.1	19.0
5 11	14 20.37	+ 5 6.9	3.837	4.763	5.4	19.0
5 21	14 16.06	+ 5 27.3	3.889	4.756	7.0	19.2
5 31	14 12.51	+ 5 36.5	3.966	4.749	8.5	19.3

421343 2013 TC_{96} 4 29.0 109°.55 0°.5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.82	−19 31.6	1.893	2.697	15.0	20.5
4 1	14 46.06	−18 10.6	1.812	2.704	11.7	20.3
4 11	14 40.10	−16 32.1	1.753	2.710	7.8	20.0
4 21	14 32.62	−14 40.5	1.720	2.717	3.5	19.8
5 1	14 24.50	−12 42.9	1.717	2.723	1.2	19.6
5 11	14 16.76	−10 48.3	1.742	2.729	5.6	19.9
5 21	14 10.25	− 9 4.7	1.794	2.736	9.6	20.2
5 31	14 5.60	− 7 38.3	1.871	2.741	13.2	20.4

233131 2005 UO_{41} 4 29.0 150°.86 8°.3/23.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.79	+12 36.5	2.342	3.119	13.3	20.8
4 1	14 55.40	+13 4.6	2.275	3.128	11.2	20.7
4 11	14 45.99	+13 21.3	2.233	3.137	9.4	20.5
4 21	14 35.20	+13 21.4	2.217	3.145	8.4	20.5
5 1	14 23.89	+13 1.3	2.228	3.153	8.7	20.5
5 11	14 13.02	+12 19.8	2.268	3.160	10.2	20.6
5 21	14 3.37	+11 18.4	2.334	3.166	12.2	20.8
5 31	13 55.57	+10 0.0	2.423	3.172	14.2	20.9

314121 2005 EC_{147} 4 29.0 350°.76 1°.7/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.41	−18 36.4	1.238	2.074	19.5	21.0
4 1	14 47.16	−18 48.8	1.161	2.068	15.5	20.8
4 11	14 41.68	−18 46.1	1.102	2.063	10.8	20.5
4 21	14 33.62	−18 28.7	1.064	2.059	5.5	20.1
5 1	14 24.24	−17 59.3	1.050	2.056	1.8	19.9
5 11	14 15.11	−17 24.0	1.059	2.054	6.6	20.2
5 21	14 7.68	−16 50.1	1.091	2.053	12.0	20.5
5 31	14 3.01	−16 24.5	1.142	2.053	16.7	20.7

489713 2007 VD_{237} 4 29.0 81°.03 1°.6/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.52	−10 5.0	2.169	2.979	13.1	21.7
4 1	14 48.53	−10 1.2	2.098	2.994	10.1	21.5
4 11	14 41.58	− 9 53.4	2.050	3.009	6.7	21.4
4 21	14 33.26	− 9 43.8	2.028	3.024	3.1	21.2
5 1	14 24.37	− 9 35.3	2.035	3.039	2.0	21.1
5 11	14 15.79	− 9 30.6	2.071	3.054	5.2	21.3
5 21	14 8.31	− 9 32.1	2.133	3.069	8.6	21.6
5 31	14 2.52	− 9 41.7	2.220	3.084	11.7	21.8

308144 2005 AR_{11} 4 29.0 203°.74 3°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.89	−27 16.0	2.483	3.232	13.3	21.2
4 1	14 49.02	−27 30.9	2.381	3.228	11.0	21.0
4 11	14 42.08	−27 32.3	2.301	3.223	8.3	20.8
4 21	14 33.57	−27 19.0	2.246	3.217	5.5	20.6
5 1	14 24.27	−26 51.6	2.219	3.211	3.7	20.5
5 11	14 15.09	−26 12.8	2.220	3.205	4.9	20.6
5 21	14 6.88	−25 26.8	2.250	3.198	7.6	20.7
5 31	14 0.35	−24 39.1	2.305	3.190	10.5	20.9

6722 Bunichi 4 29.0 76°.97 0°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.54	−14 17.1	2.289	3.093	12.7	17.8
4 1	14 46.15	−13 59.4	2.218	3.111	9.8	17.6
4 11	14 39.94	−13 34.3	2.172	3.129	6.5	17.5
4 21	14 32.50	−13 4.3	2.151	3.147	2.9	17.3
5 1	14 24.56	−12 32.3	2.159	3.165	1.1	17.1
5 11	14 16.93	−12 2.2	2.196	3.183	4.6	17.4
5 21	14 10.32	−11 37.3	2.259	3.201	7.9	17.7
5 31	14 5.27	−11 20.4	2.348	3.219	10.8	17.9

406330 2007 RB_3 4 29.1 188°.55 2°.9/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.65	−23 17.5	1.880	2.659	16.0	22.0
4 1	14 51.71	−23 25.0	1.788	2.659	12.9	21.7
4 11	14 44.15	−23 17.5	1.718	2.658	9.3	21.5
4 21	14 34.59	−22 54.5	1.671	2.656	5.4	21.3
5 1	14 24.03	−22 17.3	1.652	2.654	2.9	21.1
5 11	14 13.68	−21 30.3	1.660	2.651	5.4	21.3
5 21	14 4.65	−20 39.5	1.696	2.647	9.3	21.5
5 31	13 57.80	−19 51.5	1.755	2.643	13.1	21.7

57855 2001 XT_{144} 4 29.1 325°.43 9°.2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.40	+ 5 38.9	1.506	2.342	16.6	18.5
4 1	14 48.71	+ 6 31.1	1.430	2.330	13.7	18.3
4 11	14 42.29	+ 7 16.0	1.375	2.318	10.9	18.1
4 21	14 33.78	+ 7 45.5	1.343	2.307	9.3	18.0
5 1	14 24.23	+ 7 52.1	1.334	2.296	9.9	18.0
5 11	14 14.93	+ 7 31.4	1.349	2.286	12.4	18.1
5 21	14 7.02	+ 6 43.1	1.386	2.276	15.6	18.2
5 31	14 1.39	+ 5 29.8	1.442	2.267	18.8	18.4

108849 2001 OM_{92} 4 29.1 276°.35 0°.4/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.35	−14 35.0	1.757	2.571	15.5	20.3
4 1	14 49.38	−14 28.2	1.654	2.552	12.3	20.1
4 11	14 42.77	−14 12.0	1.573	2.533	8.3	19.8
4 21	14 34.05	−13 47.9	1.516	2.513	3.8	19.5
5 1	14 24.14	−13 19.0	1.486	2.493	1.2	19.2
5 11	14 14.24	−12 50.1	1.483	2.473	6.0	19.5
5 21	14 5.48	−12 26.0	1.506	2.453	10.7	19.7
5 31	13 58.84	−12 11.4	1.551	2.432	14.8	19.9

217548 2007 EW_{209} 4 29.1 304°.81 5°.6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.49	+13 26.0	4.111	4.902	7.7	19.7
4 1	14 40.03	+14 8.4	4.035	4.890	6.7	19.6
4 11	14 35.59	+14 44.5	3.984	4.878	5.9	19.5
4 21	14 30.48	+15 11.5	3.959	4.867	5.6	19.5
5 1	14 25.06	+15 26.8	3.961	4.855	6.1	19.5
5 11	14 19.73	+15 28.9	3.988	4.844	7.0	19.5
5 21	14 14.88	+15 17.3	4.040	4.833	8.2	19.6
5 31	14 10.82	+14 52.4	4.113	4.821	9.3	19.7

388706 2007 VO_{64} 4 29.1 129°.89 2°.6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.85	−25 2.4	2.339	3.110	13.4	21.1
4 1	14 45.84	−24 49.2	2.250	3.114	10.9	20.9
4 11	14 39.88	−24 21.5	2.182	3.118	7.9	20.7
4 21	14 32.53	−23 39.8	2.140	3.123	4.7	20.5
5 1	14 24.56	−22 46.3	2.126	3.127	2.6	20.4
5 11	14 16.82	−21 45.5	2.140	3.131	4.3	20.5
5 21	14 10.10	−20 42.5	2.182	3.135	7.5	20.7
5 31	14 5.01	−19 42.7	2.249	3.139	10.5	20.9

351851 2006 RP_{23} 4 29.1 157°.16 6°.1/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.41	−42 12.6	3.621	4.252	11.3	23.2
4 1	14 50.51	−42 47.4	3.525	4.262	10.0	23.1
4 11	14 42.82	−43 7.3	3.449	4.271	8.6	23.0
4 21	14 33.85	−43 10.2	3.397	4.280	7.2	22.9
5 1	14 24.25	−42 55.3	3.371	4.287	6.3	22.9
5 11	14 14.82	−42 23.7	3.373	4.294	6.2	22.9
5 21	14 6.26	−41 38.3	3.401	4.301	7.0	22.9
5 31	13 59.16	−40 43.5	3.456	4.307	8.2	23.0

491695 2012 UN_{79} 4 29.1 130°.09 1°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.51	−20 49.4	2.639	3.413	12.0	22.3
4 1	14 47.57	−20 53.6	2.555	3.425	9.5	22.1
4 11	14 40.88	−20 48.2	2.495	3.437	6.7	22.0
4 21	14 32.95	−20 33.7	2.461	3.449	3.6	21.8
5 1	14 24.48	−20 11.6	2.455	3.460	1.6	21.7
5 11	14 16.23	−19 44.7	2.480	3.470	3.9	21.8
5 21	14 8.89	−19 16.4	2.533	3.481	6.9	22.0
5 31	14 3.02	−18 50.5	2.611	3.490	9.6	22.2

37401 2001 XK_{74} 4 29.1 142°.17 6°.3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.44	+ 5 6.0	2.468	3.281	11.6	18.6
4 1	14 45.92	+ 5 56.7	2.400	3.286	9.4	18.4
4 11	14 39.75	+ 6 42.5	2.356	3.291	7.4	18.3
4 21	14 32.42	+ 7 18.7	2.338	3.295	6.3	18.2
5 1	14 24.61	+ 7 41.0	2.348	3.299	6.8	18.3
5 11	14 17.06	+ 7 46.5	2.384	3.304	8.5	18.4
5 21	14 10.40	+ 7 34.5	2.445	3.307	10.7	18.5
5 31	14 5.16	+ 7 5.6	2.528	3.311	12.8	18.7

211888 2004 JE_{15} 4 29.1 302°.24 0°.7/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.35	−13 15.0	2.062	2.875	13.6	19.9
4 1	14 46.62	−13 8.6	1.955	2.853	10.7	19.7
4 11	14 40.69	−12 55.2	1.871	2.831	7.2	19.4
4 21	14 33.05	−12 36.4	1.812	2.809	3.3	19.2
5 1	14 24.44	−12 15.2	1.781	2.787	1.3	19.0
5 11	14 15.85	−11 55.2	1.777	2.766	5.4	19.2
5 21	14 8.18	−11 40.3	1.800	2.745	9.4	19.4
5 31	14 2.24	−11 33.8	1.847	2.723	13.0	19.6

302197 2001 UA_{64} 4 29.1 236°.09 0°.8/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.61	−17 46.2	1.662	2.469	16.6	21.8
4 1	14 51.27	−17 41.0	1.567	2.458	13.2	21.5
4 11	14 44.09	−17 23.0	1.492	2.447	9.1	21.2
4 21	14 34.67	−16 53.1	1.441	2.436	4.4	20.9
5 1	14 24.05	−16 14.1	1.417	2.424	1.1	20.6
5 11	14 13.54	−15 31.4	1.420	2.411	5.9	20.9
5 21	14 4.37	−14 51.0	1.448	2.398	10.7	21.2
5 31	13 57.52	−14 19.0	1.499	2.385	15.0	21.4

364722 2007 VX_{77} 4 29.1 335°.90 2°.5/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.05	−10 5.1	1.211	2.061	18.9	20.3
4 1	14 48.47	− 9 59.6	1.132	2.050	14.9	20.0
4 11	14 42.60	− 9 47.4	1.071	2.040	10.0	19.6
4 21	14 34.10	− 9 32.1	1.033	2.030	4.8	19.3
5 1	14 24.20	− 9 18.7	1.017	2.022	3.1	19.2
5 11	14 14.49	− 9 12.9	1.025	2.014	8.2	19.4
5 21	14 6.42	− 9 19.2	1.055	2.008	13.5	19.7
5 31	14 1.14	− 9 40.5	1.105	2.002	18.3	20.0

289526 2005 EV_{191} 4 29.1 91°.14 1°.4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.36	−19 49.9	1.566	2.373	17.4	21.4
4 1	14 50.12	−19 39.5	1.495	2.386	13.8	21.2
4 11	14 43.11	−19 13.9	1.444	2.398	9.5	20.9
4 21	14 34.11	−18 34.5	1.417	2.411	4.7	20.7
5 1	14 24.24	−17 45.0	1.416	2.423	1.5	20.5
5 11	14 14.83	−16 51.7	1.442	2.435	5.6	20.8
5 21	14 6.98	−16 1.3	1.493	2.447	10.2	21.1
5 31	14 1.49	−15 20.0	1.566	2.458	14.1	21.3

267189 2000 QK_{194} 4 29.1 220°.24 0°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.86	−17 34.5	2.362	3.149	12.9	21.6
4 1	14 48.98	−17 28.0	2.258	3.139	10.2	21.4
4 11	14 42.06	−17 12.2	2.178	3.129	6.9	21.2
4 21	14 33.61	−16 48.1	2.124	3.118	3.3	20.9
5 1	14 24.35	−16 17.7	2.099	3.106	0.8	20.7
5 11	14 15.18	−15 44.6	2.104	3.094	4.5	21.0
5 21	14 6.94	−15 12.7	2.136	3.081	8.1	21.2
5 31	14 0.33	−14 46.2	2.194	3.067	11.4	21.3

203371 2001 WB_{45} 4 29.1 176°.25 5°.1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.20	−34 22.8	1.992	2.717	16.9	19.6
4 1	14 52.06	−33 48.8	1.895	2.720	14.2	19.4
4 11	14 44.28	−32 48.8	1.817	2.723	11.1	19.2
4 21	14 34.61	−31 21.4	1.764	2.724	7.8	19.0
5 1	14 24.14	−29 29.0	1.738	2.725	5.3	18.8
5 11	14 14.12	−27 18.6	1.741	2.725	6.0	18.9
5 21	14 5.61	−25 0.5	1.772	2.724	9.0	19.0
5 31	13 59.37	−22 45.5	1.830	2.722	12.4	19.2

430433 1999 VO_{117} 4 29.1 165°.22 0°.8/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.20	−17 38.0	2.060	2.857	14.2	21.3
4 1	14 48.67	−17 40.2	1.973	2.859	11.2	21.0
4 11	14 41.93	−17 32.8	1.908	2.860	7.6	20.8
4 21	14 33.55	−17 16.4	1.868	2.862	3.7	20.6
5 1	14 24.38	−16 53.4	1.856	2.863	1.0	20.4
5 11	14 15.42	−16 27.5	1.872	2.864	4.8	20.7
5 21	14 7.57	−16 2.7	1.916	2.865	8.6	20.9
5 31	14 1.55	−15 43.1	1.983	2.865	12.0	21.1

56911 2000 QY_{192} 4 29.1 113°.22 4°.3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.35	− 3 1.7	2.311	3.132	12.0	18.8
4 1	14 45.25	− 2 16.9	2.236	3.136	9.4	18.7
4 11	14 39.40	− 1 31.4	2.185	3.140	6.6	18.5
4 21	14 32.32	− 0 49.7	2.160	3.144	4.5	18.4
5 1	14 24.70	− 0 16.1	2.164	3.148	4.7	18.4
5 11	14 17.31	+ 0 5.7	2.195	3.152	7.0	18.5
5 21	14 10.85	+ 0 13.6	2.252	3.155	9.8	18.7
5 31	14 5.87	+ 0 6.6	2.331	3.159	12.4	18.9

417324 2006 CE_{14} 4 29.1 289°.00 4°.7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 41.70	+ 8 54.8	4.333	5.136	7.2	21.0
4 1	14 38.62	+ 9 46.6	4.262	5.134	6.0	20.9
4 11	14 34.65	+10 34.1	4.217	5.132	5.0	20.8
4 21	14 30.08	+11 14.8	4.200	5.131	4.7	20.8
5 1	14 25.24	+11 45.9	4.210	5.129	5.1	20.8
5 11	14 20.50	+12 5.9	4.247	5.127	6.1	20.9
5 21	14 16.19	+12 13.9	4.309	5.125	7.3	21.0
5 31	14 12.61	+12 9.7	4.393	5.123	8.5	21.0

135102 2001 QJ_{84} 4 29.1 195°.40 4°.7/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.53	−30 58.6	2.708	3.435	12.8	19.9
4 1	14 48.67	−31 27.5	2.608	3.433	10.8	19.7
4 11	14 41.83	−31 42.7	2.528	3.431	8.5	19.6
4 21	14 33.50	−31 42.5	2.474	3.428	6.2	19.4
5 1	14 24.40	−31 26.7	2.447	3.425	4.8	19.3
5 11	14 15.42	−30 57.1	2.448	3.422	5.3	19.4
5 21	14 7.34	−30 17.6	2.477	3.418	7.4	19.5
5 31	14 0.86	−29 32.9	2.532	3.414	9.8	19.6

399058 2013 YH_{19} 4 29.1 31°.83 2°.2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.07	−21 37.6	1.848	2.645	15.6	21.2
4 1	14 47.32	−21 39.0	1.765	2.648	12.4	21.0
4 11	14 41.17	−21 26.4	1.703	2.651	8.8	20.8
4 21	14 33.25	−21 0.2	1.664	2.654	4.8	20.5
5 1	14 24.48	−20 22.6	1.653	2.657	2.2	20.4
5 11	14 15.97	−19 38.4	1.668	2.661	5.1	20.6
5 21	14 8.71	−18 53.2	1.709	2.664	9.0	20.8
5 31	14 3.45	−18 12.7	1.774	2.668	12.6	21.0

510619 2012 TA_{135} 4 29.1 253°.60 1°.0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 42.57	− 9 49.8	4.710	5.510	6.7	21.5
4 1	14 39.23	− 9 36.0	4.613	5.505	5.1	21.4
4 11	14 35.04	− 9 20.1	4.542	5.499	3.4	21.2
4 21	14 30.26	− 9 3.4	4.499	5.494	1.6	21.1
5 1	14 25.21	− 8 47.3	4.486	5.488	1.2	21.0
5 11	14 20.22	− 8 33.4	4.504	5.483	2.9	21.2
5 21	14 15.62	− 8 23.1	4.550	5.477	4.7	21.3
5 31	14 11.69	− 8 17.4	4.623	5.472	6.3	21.4

176586 2002 CY_{123} 4 29.1 348°.06 2°.5/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.98	− 9 5.2	2.235	3.056	12.4	20.1
4 1	14 44.35	− 8 26.4	2.152	3.055	9.6	19.9
4 11	14 38.89	− 7 42.6	2.092	3.054	6.4	19.7
4 21	14 32.13	− 6 57.3	2.059	3.053	3.3	19.5
5 1	14 24.76	− 6 14.9	2.053	3.052	3.0	19.5
5 11	14 17.59	− 5 39.5	2.075	3.051	5.9	19.7
5 21	14 11.34	− 5 14.7	2.124	3.051	9.1	19.9
5 31	14 6.60	− 5 2.6	2.196	3.050	12.1	20.1

275869 2001 SV_{225} 4 29.1 226°.16 0°.9/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.18	−18 3.6	2.068	2.861	14.2	22.1
4 1	14 49.55	−18 1.4	1.969	2.853	11.3	21.8
4 11	14 42.62	−17 48.6	1.892	2.844	7.8	21.6
4 21	14 33.92	−17 26.2	1.840	2.834	3.8	21.3
5 1	14 24.31	−16 56.2	1.817	2.824	1.0	21.1
5 11	14 14.81	−16 22.6	1.822	2.813	4.9	21.4
5 21	14 6.37	−15 50.0	1.854	2.802	8.9	21.6
5 31	13 59.79	−15 23.0	1.911	2.791	12.5	21.8

330014 2005 UD_{64} 4 29.1 197°.32 2°.4/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.50	−10 26.8	2.134	2.948	13.2	21.7
4 1	14 47.18	− 9 38.9	2.047	2.946	10.2	21.5
4 11	14 40.84	− 8 44.0	1.983	2.943	6.8	21.2
4 21	14 33.04	− 7 45.6	1.945	2.940	3.4	21.0
5 1	14 24.54	− 6 48.9	1.936	2.936	2.9	21.0
5 11	14 16.26	− 5 59.1	1.955	2.932	6.1	21.2
5 21	14 8.99	− 5 20.4	2.001	2.927	9.7	21.4
5 31	14 3.39	− 4 55.7	2.070	2.922	12.8	21.6

233142 2005 UP_{161} 4 29.1 316°.93 6°.8/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.61	− 0 35.8	1.573	2.414	15.8	19.5
4 1	14 47.21	+ 0 22.3	1.495	2.404	12.6	19.2
4 11	14 41.23	+ 1 20.2	1.439	2.395	9.3	19.0
4 21	14 33.33	+ 2 10.7	1.407	2.386	7.0	18.8
5 1	14 24.46	+ 2 46.4	1.399	2.378	7.5	18.9
5 11	14 15.84	+ 3 1.6	1.416	2.370	10.4	19.0
5 21	14 8.51	+ 2 53.7	1.456	2.362	14.0	19.2
5 31	14 3.30	+ 2 22.8	1.515	2.354	17.3	19.4

366591 2002 TL_{348} 4 29.1 291°.73 7°.1/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.87	− 2 14.3	1.569	2.412	15.7	20.9
4 1	14 45.86	− 0 38.1	1.490	2.402	12.4	20.7
4 11	14 40.34	+ 1 2.4	1.434	2.391	9.2	20.5
4 21	14 32.92	+ 2 38.6	1.401	2.380	7.2	20.3
5 1	14 24.56	+ 4 0.6	1.395	2.370	8.0	20.4
5 11	14 16.43	+ 5 0.2	1.413	2.359	11.1	20.5
5 21	14 9.56	+ 5 32.9	1.453	2.349	14.7	20.7
5 31	14 4.77	+ 5 37.6	1.513	2.339	18.0	20.9

16397 1982 JS_{2} 4 29.1 121°.76 0°.5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.73	−16 38.2	1.580	2.396	16.9	18.5
4 1	14 49.56	−15 59.1	1.507	2.405	13.2	18.3
4 11	14 42.72	−15 5.8	1.454	2.414	8.8	18.0
4 21	14 33.94	−14 1.9	1.426	2.423	3.9	17.8
5 1	14 24.34	−12 52.9	1.425	2.431	1.3	17.6
5 11	14 15.15	−11 46.4	1.450	2.439	6.2	17.9
5 21	14 7.47	−10 49.1	1.500	2.447	10.7	18.2
5 31	14 2.07	−10 6.4	1.574	2.454	14.7	18.5

478034 2011 SA_{254} 4 29.1 216°.38 3°.9/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.86	−29 12.4	2.601	3.344	12.9	22.0
4 1	14 46.61	−29 19.0	2.499	3.340	10.7	21.8
4 11	14 40.45	−29 11.0	2.419	3.335	8.2	21.6
4 21	14 32.87	−28 47.6	2.363	3.330	5.6	21.4
5 1	14 24.58	−28 9.7	2.335	3.324	4.0	21.3
5 11	14 16.44	−27 20.1	2.336	3.318	4.8	21.4
5 21	14 9.21	−26 23.2	2.364	3.312	7.2	21.5
5 31	14 3.54	−25 24.6	2.418	3.306	9.9	21.7

512338 2016 LW_{54} 4 29.1 224°.67 4°.7/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.33	+ 1 47.3	3.147	3.956	9.5	23.0
4 1	14 44.08	+ 2 48.4	3.055	3.943	7.6	22.8
4 11	14 38.47	+ 3 48.5	2.989	3.930	5.8	22.7
4 21	14 31.89	+ 4 43.6	2.951	3.916	4.8	22.6
5 1	14 24.83	+ 5 29.9	2.942	3.901	5.2	22.6
5 11	14 17.88	+ 6 4.0	2.962	3.886	6.9	22.7
5 21	14 11.54	+ 6 24.0	3.008	3.870	8.9	22.8
5 31	14 6.29	+ 6 29.1	3.077	3.854	10.8	23.0

7352 1994 CO 4 29.1 321°.15 2°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 42.25	− 5 33.9	4.176	4.987	7.3	17.0
4 1	14 39.08	− 5 4.2	4.088	4.985	5.6	16.9
4 11	14 34.98	− 4 33.4	4.026	4.983	3.8	16.8
4 21	14 30.25	− 4 3.6	3.992	4.981	2.3	16.7
5 1	14 25.23	− 3 36.7	3.988	4.979	2.3	16.7
5 11	14 20.31	− 3 14.8	4.013	4.977	3.9	16.8
5 21	14 15.82	− 2 59.3	4.066	4.975	5.7	16.9
5 31	14 12.08	− 2 51.5	4.144	4.973	7.4	17.0

52271 Lecorbusier 4 29.1 191°.09 4°.6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.25	−28 16.2	2.312	3.056	14.3	18.8
4 1	14 51.88	−28 51.2	2.214	3.054	11.9	18.6
4 11	14 44.16	−29 12.3	2.137	3.053	9.2	18.4
4 21	14 34.64	−29 17.5	2.085	3.050	6.4	18.2
5 1	14 24.16	−29 6.2	2.060	3.047	4.7	18.1
5 11	14 13.80	−28 40.5	2.064	3.044	5.6	18.1
5 21	14 4.53	−28 4.6	2.095	3.040	8.3	18.3
5 31	13 57.15	−27 24.4	2.152	3.035	11.2	18.5

174546 2003 FL_{55} 4 29.1 352°.47 5°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.66	−28 27.0	2.088	2.849	15.2	19.9
4 1	14 47.77	−29 3.0	1.996	2.847	12.6	19.7
4 11	14 41.51	−29 24.0	1.925	2.845	9.7	19.5
4 21	14 33.45	−29 27.9	1.877	2.843	6.8	19.3
5 1	14 24.45	−29 14.4	1.855	2.842	5.0	19.2
5 11	14 15.60	−28 46.1	1.860	2.842	5.9	19.3
5 21	14 7.87	−28 7.7	1.891	2.841	8.6	19.4
5 31	14 2.09	−27 25.1	1.946	2.841	11.6	19.6

522532 2016 EK_{237} 4 29.1 273°.49 0°.1/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.78	−17 53.0	1.732	2.545	15.8	21.6
4 1	14 47.38	−17 20.3	1.633	2.529	12.5	21.3
4 11	14 41.42	−16 32.6	1.554	2.513	8.5	21.0
4 21	14 33.46	−15 31.7	1.500	2.496	4.0	20.7
5 1	14 24.44	−14 22.4	1.473	2.480	0.9	20.5
5 11	14 15.52	−13 11.2	1.472	2.463	5.9	20.8
5 21	14 7.80	−12 5.7	1.497	2.447	10.5	21.0
5 31	14 2.17	−11 12.2	1.545	2.430	14.7	21.2

233864 2008 VO_{59} 4 29.1 163°.91 0°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.03	−14 58.3	4.244	5.030	7.6	22.8
4 1	14 41.18	−14 37.1	4.152	5.035	5.9	22.7
4 11	14 36.36	−14 11.4	4.086	5.040	3.9	22.5
4 21	14 30.87	−13 42.3	4.048	5.044	1.7	22.4
5 1	14 25.10	−13 11.7	4.041	5.048	0.6	22.3
5 11	14 19.43	−12 41.6	4.065	5.052	2.7	22.5
5 21	14 14.24	−12 13.9	4.118	5.055	4.8	22.6
5 31	14 9.85	−11 50.4	4.198	5.058	6.7	22.7

417504 2006 SH_{185} 4 29.1 130°.98 1°.6/30.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.74	−20 49.6	2.057	2.840	14.7	22.6
4 1	14 50.54	−20 44.3	1.979	2.855	11.6	22.4
4 11	14 43.10	−20 26.3	1.923	2.869	8.1	22.2
4 21	14 34.06	−19 56.5	1.892	2.882	4.2	22.0
5 1	14 24.34	−19 17.2	1.889	2.895	1.7	21.8
5 11	14 14.96	−18 33.1	1.916	2.907	4.7	22.0
5 21	14 6.83	−17 49.0	1.969	2.918	8.4	22.3
5 31	14 0.62	−17 10.1	2.047	2.929	11.7	22.5

195557 2002 JH_{69} 4 29.1 301°.49 5°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.72	− 2 51.4	1.784	2.615	14.6	19.7
4 1	14 47.83	− 2 16.4	1.697	2.602	11.6	19.4
4 11	14 41.56	− 1 40.9	1.632	2.590	8.2	19.2
4 21	14 33.47	− 1 9.8	1.592	2.578	5.5	19.0
5 1	14 24.46	− 0 48.7	1.578	2.566	5.6	19.0
5 11	14 15.61	− 0 42.1	1.590	2.554	8.6	19.1
5 21	14 7.89	− 0 52.5	1.626	2.542	12.1	19.3
5 31	14 2.12	− 1 20.6	1.684	2.531	15.5	19.5

146309 2001 KD_{30} 4 29.1 211°.21 2°.6/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.59	− 8 24.4	1.855	2.672	14.7	20.2
4 1	14 50.72	− 8 8.7	1.769	2.668	11.5	20.0
4 11	14 43.43	− 7 49.0	1.704	2.664	7.7	19.7
4 21	14 34.30	− 7 28.5	1.665	2.660	3.9	19.5
5 1	14 24.28	− 7 10.9	1.654	2.655	3.1	19.4
5 11	14 14.45	− 7 0.5	1.670	2.650	6.7	19.6
5 21	14 5.82	− 7 0.2	1.712	2.644	10.6	19.9
5 31	13 59.20	− 7 12.1	1.777	2.638	14.2	20.1

470091 2006 SC_{403} 4 29.1 248°.73 0°.5/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.44	−17 14.8	2.401	3.196	12.5	22.1
4 1	14 46.30	−17 7.0	2.301	3.187	9.8	21.9
4 11	14 40.26	−16 50.2	2.225	3.178	6.7	21.7
4 21	14 32.80	−16 25.8	2.175	3.169	3.2	21.4
5 1	14 24.64	−15 56.0	2.153	3.160	0.7	21.2
5 11	14 16.58	−15 24.2	2.159	3.150	4.3	21.4
5 21	14 9.40	−14 54.2	2.194	3.141	7.8	21.6
5 31	14 3.73	−14 29.7	2.253	3.131	11.0	21.8

430667 2003 UD_{196} 4 29.1 228°.02 1°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.71	−18 59.5	2.330	3.109	13.3	21.9
4 1	14 51.33	−19 27.9	2.227	3.100	10.6	21.7
4 11	14 43.74	−19 48.5	2.147	3.092	7.4	21.4
4 21	14 34.45	−20 0.5	2.093	3.082	4.0	21.2
5 1	14 24.23	−20 4.6	2.068	3.073	1.8	21.0
5 11	14 14.06	−20 2.4	2.073	3.063	4.5	21.2
5 21	14 4.83	−19 57.0	2.106	3.052	8.1	21.4
5 31	13 57.32	−19 52.1	2.164	3.042	11.3	21.6

75067 1999 VN_{12} 4 29.1 212°.60 1°.5/27.9 17 R

3 22	14 54.12	−12 34.8	1.950	2.760	14.4	19.7
4 1	14 49.52	−12 6.7	1.858	2.754	11.2	19.4
4 11	14 42.59	−11 30.1	1.788	2.748	7.5	19.2
4 21	14 33.92	−10 48.0	1.744	2.741	3.4	18.9
5 1	14 24.37	−10 4.5	1.728	2.733	2.0	18.8
5 11	14 15.00	− 9 24.7	1.740	2.724	6.0	19.0
5 21	14 6.76	− 8 53.2	1.779	2.716	10.0	19.3
5 31	14 0.41	− 8 33.7	1.841	2.706	13.6	19.5

440922 2006 WO_{81} 4 29.1 241°.56 0°.9/29.9 17

3 22	14 48.17	−20 21.7	2.394	3.184	12.6	21.7
4 1	14 44.50	−19 51.7	2.300	3.181	10.0	21.5
4 11	14 39.01	−19 9.4	2.228	3.178	6.9	21.3
4 21	14 32.21	−18 16.5	2.183	3.175	3.4	21.0
5 1	14 24.79	−17 16.2	2.166	3.172	1.0	20.8
5 11	14 17.56	−16 13.1	2.177	3.169	4.2	21.1
5 21	14 11.24	−15 12.2	2.217	3.166	7.6	21.3
5 31	14 6.41	−14 18.2	2.281	3.163	10.7	21.5

201727 2003 UB_{196} 4 29.1 160°.89 1°.5/27.7 18

3 22	14 51.46	−11 23.2	2.339	3.146	12.4	20.9
4 1	14 46.94	−10 57.3	2.255	3.150	9.6	20.7
4 11	14 40.58	−10 25.6	2.195	3.154	6.3	20.5
4 21	14 32.90	− 9 50.8	2.161	3.157	3.0	20.3
5 1	14 24.63	− 9 16.3	2.157	3.160	2.0	20.2
5 11	14 16.58	− 8 46.0	2.181	3.163	5.1	20.4
5 21	14 9.48	− 8 23.1	2.232	3.166	8.5	20.6
5 31	14 3.91	− 8 10.1	2.308	3.168	11.4	20.8

273705 2007 EA_{52} 4 29.1 82°.33 2°.5/30.9 18

3 22	14 55.52	−22 48.3	1.802	2.588	16.3	21.4
4 1	14 50.60	−22 48.0	1.737	2.612	13.0	21.2
4 11	14 43.21	−22 32.3	1.693	2.636	9.2	21.1
4 21	14 34.12	−22 1.8	1.673	2.660	5.1	20.9
5 1	14 24.37	−21 19.3	1.680	2.684	2.5	20.7
5 11	14 15.12	−20 30.0	1.715	2.707	5.1	21.0
5 21	14 7.34	−19 39.8	1.777	2.730	8.9	21.2
5 31	14 1.72	−18 54.8	1.862	2.752	12.3	21.5

89825 2002 BA_{15} 4 29.1 270°.29 5°.8/23.6 18

3 22	14 51.82	+ 3 49.7	2.593	3.402	11.2	19.3
4 1	14 47.17	+ 4 30.7	2.492	3.378	9.1	19.1
4 11	14 40.76	+ 5 8.6	2.416	3.354	7.1	19.0
4 21	14 33.03	+ 5 38.8	2.366	3.329	5.9	18.8
5 1	14 24.60	+ 5 57.0	2.344	3.304	6.3	18.8
5 11	14 16.23	+ 6 0.1	2.350	3.279	8.2	18.9
5 21	14 8.60	+ 5 46.4	2.381	3.253	10.6	19.0
5 31	14 2.33	+ 5 15.9	2.436	3.227	13.0	19.1

338326 2002 VN_{120} 4 29.1 151°.73 1°.1/30.0 17

3 22	14 53.54	−18 27.5	2.522	3.304	12.3	20.8
4 1	14 48.52	−18 36.9	2.433	3.310	9.7	20.7
4 11	14 41.63	−18 37.9	2.368	3.315	6.7	20.5
4 21	14 33.40	−18 31.2	2.329	3.321	3.4	20.3
5 1	14 24.53	−18 18.0	2.320	3.326	1.2	20.1
5 11	14 15.85	−18 1.2	2.339	3.330	4.0	20.3
5 21	14 8.09	−17 43.8	2.387	3.334	7.3	20.5
5 31	14 1.87	−17 29.1	2.461	3.338	10.2	20.7

296405 2009 GE_{2} 4 29.1 354°.35 2°.1/27.9 17

3 22	14 49.90	−11 29.2	1.212	2.062	18.9	20.1
4 1	14 47.45	−11 14.4	1.140	2.058	14.8	19.8
4 11	14 41.83	−10 50.4	1.086	2.054	9.9	19.5
4 21	14 33.75	−10 21.1	1.054	2.052	4.6	19.2
5 1	14 24.44	− 9 52.1	1.045	2.050	2.8	19.0
5 11	14 15.44	− 9 30.1	1.060	2.050	7.9	19.3
5 21	14 8.12	− 9 20.2	1.097	2.050	13.1	19.6
5 31	14 3.50	− 9 26.2	1.154	2.051	17.6	19.9

125324 2001 VY_{41} 4 29.1 149°.23 1°.0/29.9 18

3 22	14 52.43	−19 45.3	1.985	2.780	14.7	19.9
4 1	14 48.14	−19 26.8	1.901	2.785	11.6	19.7
4 11	14 41.61	−18 55.2	1.838	2.790	8.0	19.5
4 21	14 33.44	−18 12.0	1.801	2.794	4.0	19.3
5 1	14 24.53	−17 20.5	1.791	2.798	1.1	19.1
5 11	14 15.90	−16 25.8	1.810	2.802	4.8	19.3
5 21	14 8.45	−15 33.4	1.855	2.805	8.8	19.6
5 31	14 2.88	−14 48.7	1.925	2.808	12.3	19.8

426311 2012 TT_{201} 4 29.1 290°.62 0°.2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 43.96	−16 13.6	4.394	5.177	7.4	21.4
4 1	14 40.41	−16 12.2	4.291	5.171	5.8	21.3
4 11	14 35.90	−16 6.4	4.215	5.166	3.9	21.1
4 21	14 30.71	−15 57.2	4.166	5.160	1.8	21.0
5 1	14 25.19	−15 45.6	4.147	5.154	0.4	20.8
5 11	14 19.74	−15 33.3	4.159	5.149	2.5	21.0
5 21	14 14.71	−15 21.7	4.199	5.143	4.5	21.2
5 31	14 10.44	−15 12.5	4.267	5.137	6.4	21.3

281051 2006 HP_{124} 4 29.1 180°.99 0°.1/29.2 17

3 22	14 50.87	−17 12.8	2.270	3.067	13.0	21.9
4 1	14 46.64	−16 47.2	2.180	3.068	10.2	21.7
4 11	14 40.47	−16 11.4	2.113	3.068	6.9	21.5
4 21	14 32.90	−15 27.1	2.073	3.068	3.2	21.2
5 1	14 24.67	−14 37.9	2.060	3.068	0.7	21.0
5 11	14 16.65	−13 48.1	2.077	3.067	4.6	21.3
5 21	14 9.61	−13 2.4	2.121	3.066	8.2	21.5
5 31	14 4.18	−12 24.7	2.190	3.065	11.4	21.7

240554 2004 RK_{145} 4 29.1 306°.83 2°.4/27.6 17

3 22	14 48.70	−13 20.3	1.243	2.091	18.7	20.8
4 1	14 46.72	−12 37.3	1.152	2.069	14.7	20.5
4 11	14 41.55	−11 38.4	1.080	2.048	9.9	20.2
4 21	14 33.74	−10 28.0	1.029	2.027	4.7	19.8
5 1	14 24.42	− 9 13.5	1.002	2.007	3.1	19.6
5 11	14 15.13	− 8 4.8	0.999	1.987	8.5	19.9
5 21	14 7.34	− 7 11.2	1.017	1.967	14.2	20.1
5 31	14 2.24	− 6 39.3	1.055	1.949	19.2	20.3

66424 1999 NA_{27} 4 29.1 323°.92 5°.3/25.9 18

3 22	14 48.52	− 6 39.8	1.243	2.099	18.2	18.4
4 1	14 46.38	− 5 46.7	1.162	2.084	14.3	18.1
4 11	14 41.16	− 4 46.2	1.101	2.069	9.9	17.8
4 21	14 33.49	− 3 45.3	1.062	2.055	6.0	17.6
5 1	14 24.51	− 2 52.8	1.046	2.042	6.1	17.5
5 11	14 15.70	− 2 17.4	1.053	2.029	10.2	17.7
5 21	14 8.42	− 2 4.6	1.082	2.017	15.0	17.9
5 31	14 3.72	− 2 16.7	1.128	2.007	19.4	18.2

64376 2001 UR_{116} 4 29.1 322°.19 1°.9/27.8 17

3 22	14 51.84	−11 27.4	1.697	2.522	15.5	19.7
4 1	14 48.02	−11 2.8	1.615	2.520	12.1	19.5
4 11	14 41.73	−10 30.5	1.555	2.518	8.0	19.2
4 21	14 33.57	− 9 53.8	1.519	2.516	3.8	19.0
5 1	14 24.52	− 9 17.4	1.510	2.514	2.5	18.9
5 11	14 15.72	− 8 46.6	1.528	2.513	6.5	19.1
5 21	14 8.18	− 8 25.8	1.570	2.511	10.8	19.4
5 31	14 2.72	− 8 18.4	1.635	2.509	14.5	19.6

437907 2001 XC_{230} 4 29.1 192°.89 3°.3/26.3 17

3 22	14 51.24	− 4 42.2	2.436	3.249	11.7	21.0
4 1	14 46.70	− 4 18.0	2.351	3.249	9.1	20.8
4 11	14 40.40	− 3 52.8	2.291	3.248	6.3	20.6
4 21	14 32.84	− 3 29.8	2.258	3.247	3.8	20.5
5 1	14 24.70	− 3 12.4	2.253	3.245	3.7	20.5
5 11	14 16.75	− 3 3.8	2.277	3.244	6.1	20.6
5 21	14 9.67	− 3 5.9	2.327	3.242	9.0	20.8
5 31	14 4.04	− 3 19.7	2.402	3.241	11.7	21.0

310261 2011 UP_{32} 4 29.1 219°.04 3°.2/ 2.3 18

3 22	14 49.80	−27 3.5	2.521	3.278	12.9	20.9
4 1	14 45.81	−26 59.7	2.422	3.275	10.6	20.8
4 11	14 39.93	−26 41.5	2.345	3.271	7.9	20.6
4 21	14 32.67	−26 8.9	2.293	3.268	5.1	20.4
5 1	14 24.74	−25 23.2	2.268	3.264	3.2	20.3
5 11	14 16.98	−24 27.9	2.272	3.260	4.4	20.3
5 21	14 10.13	−23 27.9	2.304	3.256	7.2	20.5
5 31	14 4.83	−22 28.3	2.362	3.252	10.1	20.7

30548 2001 OT_{45} 4 29.1 238°.66 3°.1/26.4 18

3 22	14 50.32	− 6 46.2	2.301	3.118	12.2	19.6
4 1	14 46.16	− 6 10.7	2.210	3.110	9.5	19.4
4 11	14 40.15	− 5 31.8	2.144	3.103	6.5	19.2
4 21	14 32.76	− 4 53.1	2.104	3.095	3.7	19.0
5 1	14 24.72	− 4 18.8	2.092	3.087	3.6	19.0
5 11	14 16.83	− 3 52.8	2.109	3.079	6.3	19.1
5 21	14 9.83	− 3 38.1	2.151	3.071	9.4	19.3
5 31	14 4.34	− 3 36.6	2.218	3.062	12.4	19.5

344643 2003 QP_{34} 4 29.1 260°.18 1°.0/29.9 12 C

3 22	14 52.93	−19 5.9	2.324	3.110	13.1	22.1
4 1	14 48.48	−18 58.2	2.208	3.087	10.4	21.8
4 11	14 41.91	−18 39.8	2.114	3.063	7.3	21.6
4 21	14 33.67	−18 11.2	2.046	3.038	3.7	21.3
5 1	14 24.49	−17 34.4	2.007	3.013	1.1	21.1
5 11	14 15.29	−16 53.0	1.996	2.987	4.6	21.3
5 21	14 6.95	−16 11.6	2.014	2.961	8.4	21.5
5 31	14 0.23	−15 34.8	2.056	2.934	11.9	21.6

489347 2006 UP_{50} 4 29.1 210°.90 1°.0/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.99	−20 11.2	2.803	3.581	11.3	23.6
4 1	14 45.67	−19 55.6	2.701	3.575	8.9	23.4
4 11	14 39.70	−19 30.2	2.622	3.568	6.2	23.2
4 21	14 32.54	−18 55.9	2.571	3.561	3.2	23.0
5 1	14 24.79	−18 14.8	2.548	3.554	1.1	22.8
5 11	14 17.17	−17 30.2	2.555	3.546	3.7	23.0
5 21	14 10.32	−16 46.0	2.591	3.538	6.8	23.2
5 31	14 4.79	−16 5.7	2.652	3.529	9.5	23.4

237969 2002 RA_{197} 4 29.1 254°.83 1°.9/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.78	−19 26.3	2.190	2.975	13.8	20.3
4 1	14 49.99	−19 51.6	2.089	2.966	11.1	20.0
4 11	14 42.94	−20 8.0	2.010	2.956	7.8	19.8
4 21	14 34.14	−20 15.0	1.958	2.947	4.2	19.6
5 1	14 24.40	−20 13.4	1.933	2.937	1.9	19.4
5 11	14 14.71	−20 5.3	1.937	2.927	4.7	19.6
5 21	14 6.01	−19 54.2	1.968	2.918	8.4	19.8
5 31	13 59.09	−19 44.1	2.024	2.908	11.8	20.0

348697 2006 BD_{183} 4 29.1 129°.27 3°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.42	− 7 6.7	2.075	2.895	13.3	21.1
4 1	14 47.07	− 6 17.9	2.002	2.904	10.3	20.9
4 11	14 40.74	− 5 25.1	1.952	2.912	6.9	20.7
4 21	14 33.01	− 4 32.7	1.929	2.920	4.0	20.5
5 1	14 24.70	− 3 45.9	1.934	2.928	3.9	20.5
5 11	14 16.69	− 3 9.3	1.966	2.935	6.8	20.7
5 21	14 9.75	− 2 46.2	2.024	2.942	10.0	20.9
5 31	14 4.50	− 2 38.1	2.106	2.949	13.0	21.1

13910 1979 MH_{3} 4 29.1 204°.01 3°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.79	− 7 57.5	2.137	2.949	13.2	19.9
4 1	14 48.99	− 7 13.9	2.047	2.944	10.3	19.7
4 11	14 42.12	− 6 25.3	1.980	2.939	6.9	19.4
4 21	14 33.70	− 5 35.5	1.940	2.932	3.8	19.2
5 1	14 24.53	− 4 49.3	1.929	2.925	3.6	19.2
5 11	14 15.55	− 4 11.7	1.946	2.917	6.6	19.4
5 21	14 7.58	− 3 46.2	1.989	2.909	10.1	19.6
5 31	14 1.33	− 3 35.3	2.056	2.900	13.2	19.7

239781 2010 CD_{99} 4 29.1 310°.49 1°.5/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.45	−12 20.2	1.985	2.802	13.9	21.0
4 1	14 46.58	−11 54.8	1.901	2.801	10.8	20.8
4 11	14 40.58	−11 21.9	1.838	2.799	7.2	20.6
4 21	14 33.01	−10 44.3	1.801	2.798	3.3	20.3
5 1	14 24.70	−10 6.1	1.792	2.797	1.9	20.2
5 11	14 16.60	− 9 32.0	1.810	2.795	5.7	20.5
5 21	14 9.58	− 9 6.0	1.854	2.794	9.5	20.7
5 31	14 4.32	− 8 51.2	1.922	2.793	12.9	20.9

477572 2010 HH_{74} 4 29.1 281°.29 4°.0/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.49	−27 54.4	2.343	3.100	13.8	21.4
4 1	14 46.66	−28 8.1	2.236	3.087	11.5	21.2
4 11	14 40.70	−28 7.0	2.150	3.073	8.7	21.0
4 21	14 33.11	−27 50.2	2.088	3.059	5.9	20.8
5 1	14 24.66	−27 18.0	2.053	3.045	4.1	20.7
5 11	14 16.27	−26 33.4	2.046	3.031	5.1	20.7
5 21	14 8.84	−25 40.9	2.066	3.018	7.9	20.8
5 31	14 3.09	−24 46.4	2.111	3.004	11.0	21.0

89105 2001 TZ_{205} 4 29.1 202°.67 7°.9/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.25	+ 6 21.1	2.063	2.878	13.5	19.3
4 1	14 48.56	+ 7 30.7	1.990	2.875	11.1	19.2
4 11	14 41.80	+ 8 34.7	1.941	2.872	9.0	19.0
4 21	14 33.53	+ 9 26.5	1.917	2.867	8.0	19.0
5 1	14 24.59	+10 0.1	1.919	2.863	8.6	19.0
5 11	14 15.90	+10 11.4	1.946	2.858	10.6	19.1
5 21	14 8.28	+ 9 59.5	1.998	2.852	13.0	19.2
5 31	14 2.41	+ 9 25.5	2.069	2.846	15.4	19.4

296020 2008 YF_{151} 4 29.1 207°.96 0°.5/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.21	−17 38.0	2.291	3.085	13.0	21.6
4 1	14 46.96	−17 26.6	2.197	3.082	10.2	21.4
4 11	14 40.74	−17 5.6	2.127	3.079	7.0	21.2
4 21	14 33.07	−16 36.1	2.082	3.076	3.3	21.0
5 1	14 24.69	−16 0.8	2.066	3.073	0.8	20.7
5 11	14 16.48	−15 23.6	2.078	3.069	4.4	21.0
5 21	14 9.22	−14 48.5	2.118	3.065	8.0	21.2
5 31	14 3.57	−14 19.5	2.182	3.061	11.2	21.4

207614 2006 RU_{13} 4 29.1 356°.07 3°.5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.72	−26 10.5	1.859	2.643	16.0	20.1
4 1	14 45.64	−26 7.9	1.770	2.641	13.0	19.9
4 11	14 40.15	−25 47.2	1.702	2.639	9.6	19.7
4 21	14 32.88	−25 8.4	1.657	2.638	6.0	19.5
5 1	14 24.73	−24 13.4	1.638	2.638	3.6	19.3
5 11	14 16.83	−23 7.4	1.646	2.637	5.3	19.4
5 21	14 10.16	−21 57.3	1.679	2.638	8.9	19.6
5 31	14 5.48	−20 50.2	1.737	2.638	12.4	19.8

297716 2001 VG_{125} 4 29.1 178°.63 1°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 50.35	− 9 47.7	3.153	3.951	9.7	22.0
4 1	14 45.61	− 9 25.4	3.063	3.953	7.5	21.9
4 11	14 39.49	− 8 59.5	2.997	3.954	5.0	21.7
4 21	14 32.40	− 8 32.3	2.960	3.955	2.4	21.5
5 1	14 24.87	− 8 6.1	2.953	3.955	1.9	21.5
5 11	14 17.48	− 7 43.5	2.976	3.954	4.2	21.6
5 21	14 10.77	− 7 26.9	3.028	3.953	6.8	21.8
5 31	14 5.19	− 7 17.9	3.106	3.952	9.2	22.0

352021 2006 VC_{22} 4 29.1 166°.33 0°.7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.54	−13 9.0	2.719	3.517	11.1	22.1
4 1	14 46.02	−12 54.1	2.631	3.520	8.6	21.9
4 11	14 39.89	−12 33.5	2.567	3.523	5.7	21.7
4 21	14 32.62	−12 9.1	2.530	3.526	2.6	21.5
5 1	14 24.82	−11 43.3	2.522	3.528	1.1	21.4
5 11	14 17.20	−11 19.2	2.544	3.530	4.2	21.6
5 21	14 10.38	−10 59.6	2.594	3.532	7.2	21.8
5 31	14 4.88	−10 46.8	2.670	3.533	9.9	22.0

470555 2008 FO_{10} 4 29.1 112°.58 2°.4/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.92	− 9 34.7	2.439	3.255	11.7	21.6
4 1	14 44.12	− 8 43.6	2.361	3.261	9.0	21.4
4 11	14 38.67	− 7 47.1	2.307	3.267	6.0	21.3
4 21	14 32.07	− 6 49.0	2.280	3.273	3.1	21.1
5 1	14 24.97	− 5 53.6	2.281	3.279	2.9	21.1
5 11	14 18.11	− 5 5.5	2.311	3.285	5.6	21.3
5 21	14 12.11	− 4 27.9	2.368	3.291	8.5	21.4
5 31	14 7.50	− 4 3.2	2.449	3.297	11.2	21.6

124298 2001 QQ_{57} 4 29.1 216°.98 0°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.09	−15 49.0	1.696	2.505	16.2	20.6
4 1	14 51.54	−15 34.3	1.604	2.498	12.8	20.4
4 11	14 44.24	−15 8.2	1.533	2.491	8.7	20.1
4 21	14 34.82	−14 32.4	1.487	2.483	4.0	19.8
5 1	14 24.30	−13 50.6	1.468	2.475	1.0	19.6
5 11	14 13.95	−13 8.2	1.476	2.466	6.0	19.9
5 21	14 4.92	−12 31.1	1.510	2.456	10.7	20.1
5 31	13 58.15	−12 4.3	1.566	2.446	14.8	20.3

368666 2005 JN_{96} 4 29.1 330°.04 0°.8/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.01	−17 3.4	1.275	2.118	18.6	20.6
4 1	14 44.46	−16 20.3	1.190	2.103	14.7	20.3
4 11	14 39.89	−15 17.9	1.123	2.090	9.9	20.0
4 21	14 32.95	−13 59.7	1.079	2.077	4.5	19.6
5 1	14 24.74	−12 32.9	1.059	2.065	1.6	19.4
5 11	14 16.73	−11 7.5	1.062	2.054	7.3	19.7
5 21	14 10.23	− 9 53.6	1.088	2.044	12.8	20.0
5 31	14 6.27	− 8 59.0	1.134	2.035	17.6	20.2

470345 2007 RA_{165} 4 29.1 275°.75 2°.0/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.87	−21 36.4	2.044	2.834	14.5	21.6
4 1	14 47.11	−21 33.5	1.945	2.824	11.6	21.4
4 11	14 41.08	−21 17.4	1.866	2.813	8.2	21.2
4 21	14 33.32	−20 48.2	1.813	2.802	4.5	20.9
5 1	14 24.67	−20 8.1	1.786	2.791	2.0	20.7
5 11	14 16.12	−19 21.2	1.788	2.780	4.8	20.9
5 21	14 8.62	−18 32.9	1.815	2.769	8.7	21.1
5 31	14 2.96	−17 48.7	1.867	2.758	12.3	21.3

276506 2003 QH_{72} 4 29.1 249°.65 5°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.85	− 2 34.7	2.113	2.936	12.9	20.8
4 1	14 46.78	− 1 39.5	2.024	2.924	10.2	20.6
4 11	14 40.68	− 0 42.6	1.958	2.912	7.3	20.4
4 21	14 33.08	+ 0 10.7	1.918	2.900	5.2	20.3
5 1	14 24.73	+ 0 55.0	1.906	2.887	5.6	20.3
5 11	14 16.53	+ 1 25.4	1.921	2.875	8.1	20.4
5 21	14 9.28	+ 1 38.9	1.961	2.861	11.2	20.5
5 31	14 3.67	+ 1 34.3	2.023	2.848	14.1	20.7

63776 2001 QF_{297} 4 29.1 219°.66 6°.8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.83	+ 4 5.6	2.209	3.022	12.8	19.6
4 1	14 48.94	+ 5 4.0	2.126	3.013	10.4	19.4
4 11	14 42.05	+ 5 58.8	2.066	3.003	8.2	19.2
4 21	14 33.68	+ 6 44.3	2.033	2.993	6.9	19.1
5 1	14 24.60	+ 7 14.9	2.026	2.983	7.4	19.1
5 11	14 15.70	+ 7 26.8	2.047	2.972	9.5	19.2
5 21	14 7.79	+ 7 18.5	2.092	2.960	12.0	19.4
5 31	14 1.52	+ 6 50.3	2.159	2.947	14.5	19.5

467328 2001 US_{106} 4 29.1 202°.27 0°.6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.02	−13 46.0	2.248	3.045	13.1	22.6
4 1	14 49.95	−13 37.4	2.152	3.041	10.3	22.4
4 11	14 42.77	−13 21.7	2.080	3.036	6.9	22.2
4 21	14 34.04	−13 0.7	2.035	3.031	3.1	22.0
5 1	14 24.52	−12 37.0	2.018	3.025	1.1	21.8
5 11	14 15.14	−12 14.1	2.031	3.018	4.9	22.1
5 21	14 6.76	−11 55.4	2.071	3.011	8.6	22.3
5 31	14 0.07	−11 44.3	2.136	3.003	11.9	22.5

417599 2006 VA_{125} 4 29.1 63°.76 0°.8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.29	−12 49.9	1.535	2.356	17.1	21.3
4 1	14 51.54	−12 52.9	1.472	2.374	13.3	21.1
4 11	14 44.06	−12 48.3	1.430	2.391	8.8	20.9
4 21	14 34.63	−12 38.2	1.412	2.409	4.0	20.6
5 1	14 24.40	−12 26.0	1.420	2.427	1.4	20.5
5 11	14 14.67	−12 15.8	1.455	2.445	6.1	20.8
5 21	14 6.53	−12 11.5	1.515	2.463	10.6	21.1
5 31	14 0.76	−12 16.1	1.598	2.481	14.4	21.4

353166 2009 JP_{6} 4 29.1 233°.83 4°.3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.43	− 2 14.1	2.559	3.377	11.1	21.3
4 1	14 44.49	− 1 23.7	2.473	3.371	8.7	21.1
4 11	14 38.94	− 0 32.7	2.412	3.365	6.2	20.9
4 21	14 32.22	+ 0 14.9	2.378	3.358	4.5	20.8
5 1	14 24.96	+ 0 54.6	2.372	3.351	4.8	20.8
5 11	14 17.86	+ 1 22.7	2.394	3.345	6.9	20.9
5 21	14 11.53	+ 1 37.0	2.442	3.338	9.5	21.1
5 31	14 6.53	+ 1 36.4	2.513	3.330	11.9	21.2

51738 2001 KQ_{48} 4 29.1 280°.59 5°.4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.25	− 4 25.8	1.620	2.457	15.6	19.5
4 1	14 47.66	− 3 25.0	1.541	2.451	12.2	19.2
4 11	14 41.55	− 2 20.5	1.485	2.445	8.6	19.0
4 21	14 33.55	− 1 18.6	1.452	2.439	5.8	18.8
5 1	14 24.65	− 0 26.8	1.446	2.433	6.1	18.8
5 11	14 15.99	+ 0 8.5	1.465	2.428	9.2	19.0
5 21	14 8.62	+ 0 23.6	1.507	2.422	13.0	19.2
5 31	14 3.34	+ 0 17.0	1.570	2.416	16.5	19.4

301394 Bensheim 4 29.1 54°.80 2°.0/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.93	−11 44.0	1.990	2.811	13.7	20.5
4 1	14 45.26	−11 1.4	1.920	2.823	10.6	20.3
4 11	14 39.60	−10 11.4	1.872	2.835	7.0	20.1
4 21	14 32.54	− 9 17.8	1.851	2.847	3.3	19.9
5 1	14 24.90	− 8 25.6	1.856	2.859	2.5	19.9
5 11	14 17.59	− 7 39.9	1.890	2.872	5.8	20.1
5 21	14 11.38	− 7 4.7	1.949	2.884	9.4	20.4
5 31	14 6.86	− 6 42.9	2.032	2.897	12.5	20.6

123694 2000 YW_{101} 4 29.1 133°.26 7°.8/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.83	+ 7 43.8	2.278	3.090	12.5	20.2
4 1	14 47.14	+ 9 4.1	2.223	3.102	10.4	20.1
4 11	14 40.67	+10 17.6	2.191	3.114	8.6	20.0
4 21	14 32.98	+11 18.1	2.185	3.125	7.8	19.9
5 1	14 24.81	+12 0.2	2.206	3.136	8.4	20.0
5 11	14 16.98	+12 20.7	2.252	3.147	10.1	20.1
5 21	14 10.16	+12 18.9	2.322	3.156	12.1	20.3
5 31	14 4.90	+11 56.1	2.412	3.166	14.1	20.4

319546 2006 RE_{99} 4 29.1 180°.76 0°.9/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.87	−14 24.2	2.066	2.869	13.9	22.4
4 1	14 49.16	−13 51.8	1.978	2.871	10.8	22.2
4 11	14 42.28	−13 9.9	1.914	2.872	7.2	21.9
4 21	14 33.81	−12 21.2	1.875	2.872	3.2	21.7
5 1	14 24.61	−11 29.8	1.865	2.871	1.5	21.5
5 11	14 15.65	−10 40.8	1.884	2.870	5.4	21.8
5 21	14 7.79	− 9 59.0	1.930	2.868	9.2	22.0
5 31	14 1.73	− 9 28.3	2.000	2.866	12.6	22.2

318325 2004 TN_{187} 4 29.1 281°.66 0°.7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.53	−17 57.0	1.844	2.650	15.2	21.7
4 1	14 47.77	−17 48.1	1.753	2.644	12.0	21.5
4 11	14 41.59	−17 27.3	1.683	2.638	8.2	21.2
4 21	14 33.59	−16 55.9	1.638	2.632	4.0	20.9
5 1	14 24.65	−16 16.8	1.619	2.626	0.9	20.7
5 11	14 15.89	−15 35.1	1.628	2.620	5.2	21.0
5 21	14 8.31	−14 55.9	1.663	2.614	9.5	21.2
5 31	14 2.70	−14 24.4	1.721	2.608	13.3	21.4

171756 2000 YH_{59} 4 29.1 175°.78 4°.5/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.69	− 5 4.4	1.756	2.581	15.1	20.2
4 1	14 50.07	− 4 19.0	1.680	2.583	11.8	20.0
4 11	14 43.01	− 3 30.7	1.625	2.584	8.2	19.8
4 21	14 34.18	− 2 44.8	1.596	2.585	5.1	19.6
5 1	14 24.53	− 2 7.1	1.594	2.585	5.1	19.6
5 11	14 15.18	− 1 42.8	1.618	2.585	8.2	19.8
5 21	14 7.12	− 1 35.0	1.668	2.585	11.8	20.0
5 31	14 1.09	− 1 44.9	1.739	2.584	15.2	20.2

238206 2003 UK_{29} 4 29.1 195°.40 0°.3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.47	−15 31.8	2.419	3.216	12.3	21.5
4 1	14 47.02	−15 11.0	2.326	3.214	9.6	21.3
4 11	14 40.72	−14 41.9	2.256	3.212	6.4	21.1
4 21	14 33.08	−14 6.2	2.213	3.209	2.9	20.9
5 1	14 24.79	−13 27.0	2.198	3.205	0.8	20.7
5 11	14 16.67	−12 48.1	2.213	3.202	4.5	20.9
5 21	14 9.44	−12 13.3	2.256	3.197	7.9	21.1
5 31	14 3.73	−11 46.1	2.323	3.193	11.0	21.3

262514 2006 US_{272} 4 29.1 141°.46 2°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.63	−22 29.1	1.854	2.643	15.8	21.1
4 1	14 49.32	−22 19.2	1.771	2.649	12.7	20.9
4 11	14 42.56	−21 53.7	1.709	2.654	8.9	20.7
4 21	14 33.99	−21 13.2	1.671	2.660	4.9	20.5
5 1	14 24.59	−20 20.7	1.660	2.665	2.1	20.3
5 11	14 15.49	−19 21.4	1.677	2.670	5.1	20.5
5 21	14 7.71	−18 21.8	1.720	2.674	9.1	20.7
5 31	14 2.00	−17 28.2	1.788	2.678	12.7	21.0

392374 2010 HS_{64} 4 29.1 263°.99 9°.0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.02	+14 6.1	2.540	3.339	11.7	20.7
4 1	14 45.06	+15 31.8	2.465	3.322	10.3	20.5
4 11	14 39.39	+16 49.0	2.413	3.305	9.3	20.4
4 21	14 32.47	+17 51.4	2.386	3.288	9.1	20.4
5 1	14 24.94	+18 33.4	2.384	3.270	9.8	20.4
5 11	14 17.54	+18 51.6	2.406	3.252	11.3	20.5
5 21	14 10.95	+18 45.2	2.449	3.234	13.0	20.6
5 31	14 5.74	+18 15.4	2.512	3.216	14.7	20.7

16503 Ayato 4 29.1 91°.23 7°.6/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.06	− 2 35.2	1.545	2.380	16.3	17.8
4 1	14 49.46	− 0 7.3	1.501	2.407	12.7	17.6
4 11	14 42.42	+ 2 22.1	1.481	2.433	9.4	17.5
4 21	14 33.80	+ 4 41.3	1.487	2.459	7.7	17.5
5 1	14 24.67	+ 6 39.0	1.520	2.484	8.7	17.6
5 11	14 16.18	+ 8 7.4	1.579	2.508	11.4	17.8
5 21	14 9.23	+ 9 3.5	1.661	2.532	14.4	18.0
5 31	14 4.42	+ 9 28.4	1.763	2.555	17.1	18.3

69708 1998 HX_{85} 4 29.1 14°.13 0°.9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.97	−17 10.1	1.272	2.105	19.2	18.3
4 1	14 49.03	−17 18.1	1.201	2.107	15.2	18.1
4 11	14 42.89	−17 12.6	1.148	2.110	10.4	17.8
4 21	14 34.30	−16 54.7	1.118	2.114	5.0	17.5
5 1	14 24.52	−16 27.7	1.111	2.118	1.2	17.2
5 11	14 15.11	−15 57.6	1.128	2.123	6.5	17.6
5 21	14 7.43	−15 30.8	1.169	2.129	11.7	17.9
5 31	14 2.46	−15 13.2	1.230	2.135	16.2	18.2

153975 2002 AV_{93} 4 29.1 154°.56 0°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.46	−15 24.8	2.138	2.938	13.6	21.1
4 1	14 48.75	−15 7.1	2.055	2.944	10.6	20.9
4 11	14 41.96	−14 40.4	1.994	2.950	7.1	20.7
4 21	14 33.67	−14 6.8	1.959	2.955	3.2	20.4
5 1	14 24.69	−13 29.5	1.953	2.960	0.9	20.3
5 11	14 15.97	−12 52.7	1.975	2.964	4.9	20.6
5 21	14 8.33	−12 20.7	2.025	2.968	8.6	20.8
5 31	14 2.44	−11 57.0	2.099	2.971	11.9	21.0

8382 Mann 4 29.1 181°.95 2°.0/27.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.66	−10 46.5	2.152	2.962	13.2	19.0
4 1	14 48.11	−10 13.8	2.066	2.963	10.2	18.8
4 11	14 41.53	− 9 34.8	2.004	2.964	6.8	18.6
4 21	14 33.47	− 8 52.7	1.968	2.963	3.3	18.4
5 1	14 24.74	− 8 11.6	1.960	2.963	2.4	18.3
5 11	14 16.22	− 7 35.9	1.981	2.962	5.7	18.5
5 21	14 8.72	− 7 9.4	2.029	2.960	9.3	18.7
5 31	14 2.91	− 6 54.7	2.101	2.958	12.5	18.9

36328 2000 LR_{35} 4 29.1 242°.38 0°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.33	−17 48.6	1.814	2.617	15.6	19.7
4 1	14 50.12	−17 21.8	1.711	2.602	12.4	19.5
4 11	14 43.30	−16 40.9	1.630	2.586	8.4	19.2
4 21	14 34.45	−15 47.6	1.574	2.569	4.0	18.9
5 1	14 24.48	−14 45.8	1.544	2.551	0.9	18.6
5 11	14 14.60	−13 41.6	1.543	2.533	5.7	18.9
5 21	14 5.89	−12 41.6	1.568	2.515	10.3	19.1
5 31	13 59.27	−11 52.3	1.616	2.495	14.4	19.3

281244 2007 LU_{27} 4 29.1 331°.12 2°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.72	−23 24.0	1.647	2.451	16.8	20.4
4 1	14 45.20	−23 6.2	1.555	2.441	13.6	20.2
4 11	14 40.08	−22 29.3	1.483	2.432	9.7	19.9
4 21	14 32.97	−21 33.8	1.434	2.423	5.4	19.6
5 1	14 24.85	−20 23.2	1.410	2.415	2.4	19.4
5 11	14 16.91	−19 4.1	1.412	2.407	5.5	19.6
5 21	14 10.27	−17 44.8	1.440	2.400	9.9	19.8
5 31	14 5.79	−16 33.4	1.490	2.393	14.0	20.1

433592 2013 YG_{51} 4 29.1 194°.21 0°.3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.91	−15 4.6	2.374	3.167	12.6	22.3
4 1	14 48.97	−14 50.6	2.279	3.165	9.9	22.1
4 11	14 42.07	−14 28.9	2.208	3.162	6.6	21.9
4 21	14 33.73	−14 0.8	2.163	3.159	3.0	21.7
5 1	14 24.69	−13 29.2	2.148	3.154	0.9	21.5
5 11	14 15.80	−12 57.6	2.161	3.150	4.6	21.8
5 21	14 7.86	−12 29.8	2.203	3.144	8.1	22.0
5 31	14 1.50	−12 9.2	2.270	3.138	11.3	22.2

255725 2006 QM_{127} 4 29.1 272°.23 4°.2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.87	− 5 51.3	1.696	2.522	15.5	20.7
4 1	14 50.67	− 5 18.7	1.596	2.500	12.2	20.4
4 11	14 43.77	− 4 42.1	1.518	2.478	8.5	20.2
4 21	14 34.72	− 4 6.2	1.464	2.456	5.0	19.9
5 1	14 24.43	− 3 36.6	1.437	2.433	4.8	19.8
5 11	14 14.14	− 3 18.9	1.437	2.409	8.4	20.0
5 21	14 5.00	− 3 17.1	1.461	2.386	12.6	20.2
5 31	13 58.00	− 3 33.1	1.506	2.362	16.6	20.3

512260 2016 EJ_{124} 4 29.1 341°.96 5°.0/ 1.8 17

3 22	14 50.73	−24 17.3	1.302	2.116	19.9	21.0
4 1	14 48.41	−24 59.7	1.219	2.107	16.4	20.7
4 11	14 42.76	−25 24.6	1.153	2.099	12.2	20.5
4 21	14 34.39	−25 29.0	1.108	2.092	7.8	20.2
5 1	14 24.50	−25 12.4	1.086	2.086	5.0	20.0
5 11	14 14.75	−24 38.9	1.088	2.080	7.2	20.1
5 21	14 6.67	−23 55.8	1.112	2.076	11.7	20.3
5 31	14 1.44	−23 12.2	1.157	2.072	16.2	20.6

229795 2008 RM_{100} 4 29.1 106°.16 1°.6/26.9 18

3 22	14 45.67	− 9 29.8	3.579	4.382	8.5	21.4
4 1	14 41.83	− 8 54.1	3.505	4.399	6.5	21.2
4 11	14 36.90	− 8 15.4	3.458	4.416	4.3	21.1
4 21	14 31.24	− 7 35.9	3.439	4.432	2.2	21.0
5 1	14 25.29	− 6 58.2	3.449	4.449	1.9	21.0
5 11	14 19.51	− 6 24.8	3.490	4.465	3.8	21.1
5 21	14 14.32	− 5 57.8	3.559	4.481	6.0	21.3
5 31	14 10.07	− 5 38.6	3.654	4.496	8.0	21.4

57309 2001 QT_{206} 4 29.1 116°.17 0°.4/29.4 18

3 22	14 54.70	−17 1.6	1.910	2.710	15.0	20.1
4 1	14 49.92	−16 50.8	1.835	2.723	11.7	19.9
4 11	14 42.83	−16 29.3	1.781	2.736	7.9	19.7
4 21	14 34.08	−15 59.0	1.753	2.748	3.7	19.5
5 1	14 24.62	−15 22.9	1.753	2.760	0.8	19.3
5 11	14 15.52	−14 45.7	1.780	2.771	5.0	19.6
5 21	14 7.68	−14 12.1	1.835	2.782	9.0	19.8
5 31	14 1.81	−13 46.5	1.913	2.793	12.5	20.1

174572 2003 OH_{22} 4 29.1 217°.19 2°.2/30.7 16

3 22	14 56.84	−21 53.9	2.160	2.934	14.3	21.2
4 1	14 51.69	−21 57.8	2.055	2.924	11.6	21.0
4 11	14 44.16	−21 49.3	1.972	2.913	8.2	20.8
4 21	14 34.79	−21 27.9	1.914	2.901	4.6	20.5
5 1	14 24.44	−20 54.9	1.885	2.889	2.2	20.3
5 11	14 14.17	−20 14.1	1.885	2.875	4.8	20.5
5 21	14 4.96	−19 30.2	1.912	2.861	8.6	20.7
5 31	13 57.64	−18 48.9	1.965	2.846	12.2	20.9

473773 2016 EK_{73} 4 29.1 333°.95 3°.4/27.3 17

3 22	14 49.55	− 8 59.2	1.269	2.120	18.2	20.6
4 1	14 47.20	− 8 36.0	1.188	2.107	14.3	20.3
4 11	14 41.76	− 8 5.8	1.127	2.095	9.7	20.0
4 21	14 33.86	− 7 33.4	1.087	2.083	5.0	19.7
5 1	14 24.66	− 7 4.9	1.071	2.073	4.0	19.6
5 11	14 15.63	− 6 47.1	1.079	2.064	8.6	19.8
5 21	14 8.12	− 6 44.8	1.108	2.055	13.6	20.1
5 31	14 3.21	− 7 0.6	1.157	2.048	18.1	20.3

427022 2014 SF_{219} 4 29.1 174°.66 3°.3/26.7 17

3 22	14 54.66	− 7 25.2	1.921	2.739	14.3	21.6
4 1	14 49.87	− 6 49.0	1.841	2.741	11.1	21.4
4 11	14 42.81	− 6 8.7	1.784	2.743	7.5	21.2
4 21	14 34.10	− 5 28.2	1.752	2.744	4.2	21.0
5 1	14 24.63	− 4 52.5	1.748	2.745	3.8	21.0
5 11	14 15.43	− 4 26.3	1.772	2.745	7.0	21.2
5 21	14 7.41	− 4 12.9	1.822	2.745	10.6	21.4
5 31	14 1.28	− 4 14.1	1.894	2.744	13.9	21.6

354705 2005 RC_{27} 4 29.1 175°.52 5°.6/ 5.8 16

3 22	14 52.98	−37 32.6	3.155	3.834	12.0	21.8
4 1	14 48.11	−37 56.0	3.054	3.836	10.4	21.7
4 11	14 41.42	−38 4.4	2.975	3.838	8.6	21.6
4 21	14 33.42	−37 55.9	2.919	3.839	6.9	21.5
5 1	14 24.79	−37 30.1	2.890	3.840	5.8	21.4
5 11	14 16.30	−36 48.7	2.888	3.841	5.8	21.4
5 21	14 8.68	−35 55.4	2.914	3.841	7.0	21.5
5 31	14 2.53	−34 54.9	2.967	3.840	8.7	21.6

427651 2003 YR_{8} 4 29.1 196°.37 18°.3/18.8 17

3 22	15 6.22	+23 37.5	1.298	2.082	21.5	20.7
4 1	15 0.00	+25 21.9	1.250	2.081	19.8	20.6
4 11	14 50.11	+26 39.8	1.219	2.079	18.6	20.5
4 21	14 37.54	+27 17.2	1.206	2.076	18.3	20.4
5 1	14 23.86	+27 4.3	1.213	2.073	19.1	20.5
5 11	14 10.92	+25 59.0	1.238	2.068	20.7	20.6
5 21	14 0.20	+24 7.3	1.280	2.063	22.7	20.7
5 31	13 52.67	+21 38.9	1.337	2.058	24.8	20.8

228092 2008 SY_{6} 4 29.1 222°.84 2°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.63	− 8 42.5	2.182	2.997	12.9	20.5
4 1	14 47.34	− 8 6.2	2.091	2.991	10.0	20.3
4 11	14 41.06	− 7 24.8	2.024	2.984	6.7	20.1
4 21	14 33.30	− 6 41.8	1.983	2.976	3.6	19.9
5 1	14 24.82	− 6 1.6	1.970	2.969	3.1	19.8
5 11	14 16.50	− 5 28.6	1.985	2.961	6.2	20.0
5 21	14 9.14	− 5 6.4	2.027	2.952	9.6	20.2
5 31	14 3.40	− 4 57.2	2.092	2.944	12.7	20.4

365513 2010 RB_{107} 4 29.1 269°.62 0°.5/28.8 17

3 22	14 53.46	−15 51.0	1.719	2.532	15.9	21.9
4 1	14 49.67	−15 26.2	1.612	2.509	12.6	21.6
4 11	14 43.17	−14 48.5	1.527	2.486	8.6	21.3
4 21	14 34.48	−13 59.9	1.465	2.462	3.9	20.9
5 1	14 24.53	−13 4.3	1.430	2.437	1.2	20.7
5 11	14 14.53	−12 7.9	1.423	2.412	6.2	21.0
5 21	14 5.69	−11 17.5	1.440	2.387	11.1	21.2
5 31	13 59.01	−10 39.0	1.481	2.361	15.5	21.4

462575 2009 DV_{131} 4 29.1 159°.75 0°.3/29.4 16

3 22	14 57.67	−16 30.8	1.876	2.673	15.3	22.1
4 1	14 52.37	−16 26.3	1.793	2.680	12.1	21.9
4 11	14 44.58	−16 11.7	1.732	2.686	8.2	21.7
4 21	14 34.95	−15 48.1	1.696	2.691	3.8	21.5
5 1	14 24.46	−15 18.5	1.689	2.696	0.8	21.2
5 11	14 14.26	−14 47.2	1.709	2.700	5.3	21.6
5 21	14 5.36	−14 18.9	1.757	2.703	9.5	21.8
5 31	13 58.57	−13 57.9	1.829	2.706	13.1	22.0

219676 2001 VY_{104} 4 29.1 217°.26 1°.0/30.1 18

3 22	14 53.34	−20 6.6	2.357	3.138	13.1	22.1
4 1	14 48.67	−19 47.5	2.253	3.129	10.4	21.9
4 11	14 41.97	−19 16.4	2.171	3.119	7.2	21.7
4 21	14 33.74	−18 34.3	2.116	3.108	3.7	21.4
5 1	14 24.73	−17 43.8	2.090	3.096	1.1	21.2
5 11	14 15.84	−16 49.1	2.093	3.084	4.4	21.4
5 21	14 7.89	−15 55.2	2.124	3.071	8.0	21.6
5 31	14 1.57	−15 6.9	2.180	3.057	11.3	21.8

61467 2000 QD_{33} 4 29.1 131°.11 4°.9/24.2 18

3 22	14 50.08	+ 1 0.7	2.625	3.438	11.0	19.8
4 1	14 45.61	+ 1 48.7	2.556	3.448	8.7	19.6
4 11	14 39.60	+ 2 34.6	2.512	3.457	6.5	19.5
4 21	14 32.53	+ 3 14.2	2.495	3.467	5.0	19.4
5 1	14 25.03	+ 3 43.5	2.507	3.475	5.4	19.4
5 11	14 17.77	+ 3 59.7	2.546	3.484	7.2	19.6
5 21	14 11.34	+ 4 1.2	2.611	3.492	9.5	19.7
5 31	14 6.23	+ 3 48.1	2.699	3.500	11.6	19.9

403257 2008 YL_{65} 4 29.1 168°.21 0°.2/29.3 16

3 22	14 56.04	−17 38.7	1.867	2.665	15.4	23.0
4 1	14 51.12	−17 13.4	1.783	2.670	12.1	22.8
4 11	14 43.74	−16 35.4	1.720	2.674	8.2	22.6
4 21	14 34.56	−15 46.9	1.683	2.678	3.8	22.3
5 1	14 24.56	−14 51.6	1.673	2.681	0.8	22.1
5 11	14 14.85	−13 55.4	1.692	2.683	5.4	22.4
5 21	14 6.44	−13 4.0	1.738	2.684	9.6	22.7
5 31	14 0.09	−12 22.8	1.808	2.684	13.3	22.9

305393 2008 CW_{59} 4 29.1 132°.84 2°.7/26.5 17

3 22	14 48.27	− 8 29.7	2.411	3.228	11.7	21.2
4 1	14 44.47	− 7 43.8	2.330	3.231	9.1	21.0
4 11	14 38.98	− 6 53.4	2.273	3.233	6.1	20.8
4 21	14 32.30	− 6 2.1	2.243	3.235	3.3	20.6
5 1	14 25.08	− 5 14.1	2.241	3.238	3.1	20.6
5 11	14 18.07	− 4 33.7	2.267	3.240	5.8	20.8
5 21	14 11.93	− 4 4.1	2.321	3.242	8.8	21.0
5 31	14 7.18	− 3 47.4	2.398	3.244	11.5	21.2

11151 Oodaigahara 4 29.1 136°.28 4°.8/ 3.5 18

3 22	14 53.97	−30 59.6	2.075	2.820	15.7	17.1
4 1	14 49.50	−31 0.6	1.989	2.828	13.1	16.9
4 11	14 42.64	−30 42.1	1.922	2.836	10.1	16.7
4 21	14 34.05	−30 2.9	1.880	2.844	7.0	16.6
5 1	14 24.68	−29 4.3	1.864	2.851	5.0	16.4
5 11	14 15.64	−27 50.9	1.875	2.858	5.7	16.5
5 21	14 7.90	−26 29.6	1.913	2.865	8.5	16.7
5 31	14 2.17	−25 8.0	1.977	2.871	11.5	16.9

468658 2008 VD_{35} 4 29.1 246°.52 0°.4/28.7 16

3 22	14 51.58	−16 21.6	2.509	3.301	12.1	22.8
4 1	14 47.20	−15 43.1	2.395	3.280	9.5	22.6
4 11	14 40.95	−14 54.2	2.305	3.259	6.4	22.4
4 21	14 33.28	−13 56.7	2.241	3.237	2.9	22.1
5 1	14 24.85	−12 54.2	2.208	3.214	0.9	21.9
5 11	14 16.47	−11 51.3	2.204	3.191	4.6	22.1
5 21	14 8.88	−10 52.9	2.228	3.166	8.2	22.3
5 31	14 2.76	−10 3.3	2.278	3.141	11.4	22.5

96287 1996 BW_8 4 29.1 203°.84 2°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.74	−25 47.5	2.479	3.237	13.1	20.8
4 1	14 48.17	−25 45.5	2.377	3.232	10.7	20.6
4 11	14 41.60	−25 29.8	2.298	3.228	7.9	20.4
4 21	14 33.56	−25 0.0	2.244	3.222	4.9	20.2
5 1	14 24.79	−24 17.5	2.218	3.216	2.9	20.1
5 11	14 16.16	−23 25.8	2.221	3.210	4.4	20.2
5 21	14 8.49	−22 29.6	2.252	3.203	7.4	20.3
5 31	14 2.42	−21 34.3	2.309	3.195	10.4	20.5

309156 2007 AS_4 4 29.1 219°.20 4°.5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.29	− 0 27.0	2.656	3.471	10.8	21.4
4 1	14 45.11	+ 0 17.8	2.572	3.466	8.6	21.2
4 11	14 39.35	+ 1 1.7	2.512	3.461	6.3	21.1
4 21	14 32.47	+ 1 41.0	2.479	3.455	4.7	21.0
5 1	14 25.06	+ 2 11.4	2.475	3.449	5.0	21.0
5 11	14 17.81	+ 2 29.9	2.498	3.443	7.0	21.1
5 21	14 11.32	+ 2 34.6	2.548	3.437	9.4	21.2
5 31	14 6.12	+ 2 24.9	2.621	3.431	11.7	21.4

503256 2015 KL_{76} 4 29.1 280°.69 5°.6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.05	+ 0 30.0	2.185	3.008	12.6	21.1
4 1	14 46.07	+ 1 19.0	2.102	3.000	10.0	20.9
4 11	14 40.19	+ 2 6.5	2.043	2.992	7.5	20.8
4 21	14 32.91	+ 2 47.5	2.010	2.985	5.7	20.6
5 1	14 24.97	+ 3 17.0	2.004	2.977	6.2	20.7
5 11	14 17.20	+ 3 31.1	2.025	2.969	8.4	20.8
5 21	14 10.37	+ 3 27.8	2.070	2.961	11.1	20.9
5 31	14 5.10	+ 3 6.9	2.138	2.954	13.7	21.1

39891 1998 FB_5 4 29.1 92°.35 7°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.09	−10 36.4	1.092	1.947	20.2	18.0
4 1	14 49.08	− 7 20.0	1.036	1.958	15.5	17.8
4 11	14 42.80	− 3 43.3	1.003	1.970	10.7	17.6
4 21	14 34.19	− 0 4.4	0.994	1.981	7.6	17.4
5 1	14 24.71	+ 3 15.1	1.011	1.992	9.2	17.5
5 11	14 15.94	+ 5 56.9	1.053	2.003	13.5	17.8
5 21	14 9.12	+ 7 52.0	1.116	2.014	17.9	18.1
5 31	14 5.08	+ 8 59.9	1.197	2.025	21.7	18.4

182805 2002 AP_{101} 4 29.1 157°.83 1°.4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.66	−11 30.2	2.535	3.341	11.5	20.7
4 1	14 45.49	−11 3.9	2.449	3.344	8.9	20.6
4 11	14 39.65	−10 32.2	2.388	3.347	5.9	20.4
4 21	14 32.62	− 9 57.5	2.353	3.349	2.8	20.2
5 1	14 25.05	− 9 23.1	2.348	3.352	1.8	20.1
5 11	14 17.67	− 8 52.5	2.371	3.354	4.8	20.3
5 21	14 11.13	− 8 28.6	2.422	3.356	7.9	20.5
5 31	14 5.97	− 8 14.0	2.498	3.357	10.7	20.7

478351 2011 WV_{141} 4 29.1 219°.54 0°.1/29.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.51	−16 14.7	2.882	3.672	10.7	23.0
4 1	14 45.28	−15 55.4	2.780	3.664	8.4	22.8
4 11	14 39.48	−15 28.6	2.702	3.655	5.6	22.6
4 21	14 32.55	−14 55.6	2.651	3.646	2.6	22.4
5 1	14 25.07	−14 19.0	2.630	3.637	0.6	22.2
5 11	14 17.68	−13 41.9	2.639	3.628	3.8	22.5
5 21	14 11.01	−13 7.6	2.676	3.618	6.8	22.6
5 31	14 5.58	−12 39.0	2.739	3.607	9.5	22.8

473268 2015 MF_{38} 4 29.1 95°.69 5°.9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.60	+ 1 36.1	2.230	3.053	12.4	21.3
4 1	14 45.59	+ 2 33.4	2.160	3.056	9.9	21.1
4 11	14 39.77	+ 3 28.3	2.113	3.058	7.5	21.0
4 21	14 32.69	+ 4 15.6	2.092	3.061	6.0	20.9
5 1	14 25.05	+ 4 50.1	2.098	3.064	6.5	20.9
5 11	14 17.66	+ 5 8.3	2.131	3.067	8.5	21.1
5 21	14 11.22	+ 5 8.5	2.188	3.070	11.0	21.2
5 31	14 6.29	+ 4 50.8	2.268	3.073	13.4	21.4

471424 2011 UZ_{31} 4 29.1 152°.62 4°.6/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.14	−30 7.6	2.399	3.142	13.9	20.9
4 1	14 47.09	−30 24.1	2.304	3.143	11.6	20.7
4 11	14 40.96	−30 25.1	2.231	3.143	9.0	20.5
4 21	14 33.30	−30 9.3	2.181	3.143	6.4	20.4
5 1	14 24.89	−29 37.2	2.159	3.144	4.7	20.3
5 11	14 16.65	−28 51.8	2.163	3.144	5.3	20.3
5 21	14 9.43	−27 57.6	2.195	3.144	7.7	20.4
5 31	14 3.90	−27 0.5	2.253	3.144	10.4	20.6

216031 2005 YA_{128} 4 29.1 139°.33 1°.3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.66	−19 44.7	1.705	2.501	16.7	21.3
4 1	14 52.60	−19 35.9	1.629	2.512	13.2	21.1
4 11	14 44.84	−19 12.9	1.573	2.523	9.1	20.9
4 21	14 35.11	−18 36.8	1.541	2.533	4.6	20.7
5 1	14 24.50	−17 50.7	1.537	2.543	1.4	20.4
5 11	14 14.29	−17 0.3	1.560	2.552	5.4	20.7
5 21	14 5.58	−16 12.0	1.609	2.560	9.8	21.0
5 31	13 59.16	−15 31.5	1.682	2.567	13.7	21.3

29977 1999 NH_{11} 4 29.1 291°.18 5°.4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 42.34	+13 19.8	4.324	5.116	7.4	18.4
4 1	14 39.21	+14 13.2	4.255	5.109	6.4	18.3
4 11	14 35.17	+15 0.8	4.210	5.102	5.6	18.2
4 21	14 30.51	+15 39.7	4.192	5.096	5.5	18.2
5 1	14 25.56	+16 7.4	4.201	5.089	5.9	18.2
5 11	14 20.71	+16 22.3	4.235	5.083	6.8	18.3
5 21	14 16.28	+16 23.8	4.293	5.076	7.9	18.3
5 31	14 12.60	+16 11.9	4.373	5.070	9.0	18.4

238314 2003 YO_{59} 4 29.1 51°.12 4°.1/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.15	− 4 16.1	1.906	2.732	14.0	20.0
4 1	14 47.88	− 3 47.2	1.835	2.738	10.9	19.8
4 11	14 41.45	− 3 17.6	1.787	2.745	7.6	19.6
4 21	14 33.50	− 2 51.4	1.764	2.752	4.7	19.4
5 1	14 24.88	− 2 33.2	1.767	2.759	4.6	19.4
5 11	14 16.57	− 2 26.7	1.798	2.767	7.4	19.6
5 21	14 9.41	− 2 33.9	1.854	2.774	10.7	19.8
5 31	14 4.08	− 2 55.4	1.933	2.782	13.7	20.0

219684 2001 WO_{34} 4 29.1 194°.70 2°.3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.63	−10 15.6	2.130	2.942	13.3	20.7
4 1	14 48.15	− 9 37.4	2.042	2.940	10.3	20.5
4 11	14 41.62	− 8 52.8	1.978	2.938	6.9	20.2
4 21	14 33.59	− 8 5.2	1.940	2.935	3.4	20.0
5 1	14 24.85	− 7 19.2	1.930	2.932	2.8	20.0
5 11	14 16.31	− 6 39.5	1.949	2.928	6.0	20.2
5 21	14 8.80	− 6 10.0	1.995	2.924	9.6	20.4
5 31	14 2.97	− 5 53.4	2.064	2.919	12.8	20.6

437293 2013 BS_{21} 4 29.1 187°.96 4°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.32	− 0 3.3	2.803	3.616	10.4	21.6
4 1	14 45.03	+ 0 45.0	2.723	3.615	8.2	21.4
4 11	14 39.25	+ 1 32.3	2.667	3.614	6.1	21.3
4 21	14 32.42	+ 2 14.8	2.639	3.613	4.6	21.2
5 1	14 25.13	+ 2 48.5	2.639	3.611	4.9	21.2
5 11	14 18.00	+ 3 10.4	2.668	3.609	6.8	21.3
5 21	14 11.62	+ 3 18.7	2.723	3.606	9.0	21.5
5 31	14 6.46	+ 3 12.9	2.801	3.603	11.2	21.6

55478 2001 UH_7 4 29.1 81°.48 7°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.78	+ 4 35.5	1.775	2.594	15.2	19.1
4 1	14 51.27	+ 5 31.8	1.731	2.621	12.2	18.9
4 11	14 43.54	+ 6 20.9	1.709	2.648	9.5	18.8
4 21	14 34.36	+ 6 56.4	1.712	2.674	7.8	18.8
5 1	14 24.72	+ 7 13.1	1.741	2.700	8.2	18.8
5 11	14 15.67	+ 7 8.2	1.796	2.726	10.2	19.0
5 21	14 8.04	+ 6 42.2	1.875	2.751	12.8	19.2
5 31	14 2.44	+ 5 57.0	1.974	2.776	15.3	19.4

271049 2003 FW_{25} 4 29.1 351°.41 2°.2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.85	−19 46.4	1.388	2.212	18.4	20.0
4 1	14 47.32	−20 3.9	1.307	2.206	14.7	19.7
4 11	14 41.79	−20 6.8	1.245	2.202	10.4	19.5
4 21	14 33.89	−19 55.1	1.205	2.198	5.5	19.2
5 1	14 24.77	−19 30.8	1.189	2.195	2.3	18.9
5 11	14 15.86	−18 59.0	1.198	2.193	6.1	19.2
5 21	14 8.47	−18 26.1	1.230	2.192	11.0	19.4
5 31	14 3.61	−17 58.8	1.283	2.191	15.4	19.7

66293 1999 JD_{25} 4 29.1 306°.23 3°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.17	−23 30.9	1.375	2.188	19.1	18.6
4 1	14 47.85	−23 32.8	1.280	2.171	15.6	18.3
4 11	14 42.35	−23 14.3	1.204	2.154	11.3	18.0
4 21	14 34.25	−22 34.1	1.149	2.138	6.6	17.7
5 1	14 24.67	−21 34.3	1.118	2.122	3.2	17.4
5 11	14 15.15	−20 21.4	1.112	2.106	6.5	17.5
5 21	14 7.14	−19 4.8	1.128	2.091	11.6	17.8
5 31	14 1.81	−17 54.7	1.166	2.077	16.5	18.0

478988 2012 XM_{121} 4 29.2 62°.78 1°.1/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.99	−14 54.2	2.170	2.981	13.1	21.4
4 1	14 44.49	−14 1.8	2.089	2.987	10.1	21.2
4 11	14 39.11	−12 59.4	2.032	2.992	6.7	21.0
4 21	14 32.42	−11 50.3	2.001	2.998	3.0	20.8
5 1	14 25.15	−10 39.4	1.999	3.004	1.6	20.7
5 11	14 18.15	− 9 32.5	2.024	3.009	5.2	21.0
5 21	14 12.13	− 8 34.5	2.077	3.015	8.7	21.2
5 31	14 7.68	− 7 49.2	2.153	3.021	11.8	21.4

304050 2006 EQ_{19} 4 29.2 39°.00 0°.8/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.83	−17 15.3	1.287	2.115	19.3	20.8
4 1	14 50.42	−17 17.3	1.218	2.122	15.2	20.5
4 11	14 43.81	−17 5.5	1.168	2.129	10.4	20.2
4 21	14 34.78	−16 41.1	1.140	2.136	5.0	20.0
5 1	14 24.61	−16 7.9	1.136	2.143	1.1	19.7
5 11	14 14.88	−15 32.2	1.157	2.151	6.5	20.1
5 21	14 6.92	−15 0.6	1.202	2.160	11.6	20.4
5 31	14 1.68	−14 39.1	1.267	2.168	16.1	20.7

101127 1998 RE_{57} 4 29.2 281°.18 2°.4/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.36	−12 7.3	1.682	2.507	15.6	20.9
4 1	14 48.01	−11 21.5	1.579	2.484	12.3	20.6
4 11	14 42.05	−10 24.1	1.498	2.461	8.3	20.3
4 21	14 34.00	− 9 18.9	1.441	2.437	4.0	20.0
5 1	14 24.77	− 8 11.9	1.410	2.413	3.0	19.9
5 11	14 15.54	− 7 10.4	1.406	2.389	7.3	20.1
5 21	14 7.45	− 6 21.2	1.427	2.364	11.9	20.3
5 31	14 1.45	− 5 49.2	1.469	2.340	16.1	20.5

156726 2002 UW_{35} 4 29.2 154°.79 0°.2/29.3 18

3 22	14 56.60	−17 14.3	1.580	2.390	17.2	21.6
4 1	14 52.00	−16 53.5	1.502	2.396	13.5	21.4
4 11	14 44.58	−16 19.1	1.444	2.401	9.2	21.1
4 21	14 35.06	−15 33.2	1.411	2.406	4.3	20.8
5 1	14 24.57	−14 40.0	1.404	2.411	0.9	20.6
5 11	14 14.44	−13 46.3	1.424	2.415	6.0	21.0
5 21	14 5.84	−12 58.4	1.469	2.418	10.7	21.2
5 31	13 59.63	−12 22.2	1.537	2.421	14.8	21.5

371126 2005 WT_{35} 4 29.2 196°.29 0°.8/29.9 17

3 22	14 53.15	−19 28.2	2.393	3.176	12.8	21.9
4 1	14 48.44	−19 7.0	2.295	3.173	10.2	21.7
4 11	14 41.78	−18 34.5	2.221	3.169	7.0	21.5
4 21	14 33.68	−17 52.0	2.172	3.165	3.5	21.2
5 1	14 24.89	−17 2.1	2.153	3.160	0.9	21.0
5 11	14 16.26	−16 9.1	2.163	3.154	4.3	21.3
5 21	14 8.58	−15 17.8	2.201	3.148	7.8	21.5
5 31	14 2.50	−14 32.6	2.265	3.141	11.0	21.6

242149 2003 CP_{5} 4 29.2 72°.09 2°.7/ 2.2 18

3 22	14 49.28	−25 50.3	3.065	3.817	11.0	20.8
4 1	14 44.98	−25 57.9	2.987	3.838	8.9	20.7
4 11	14 39.20	−25 54.9	2.932	3.858	6.5	20.6
4 21	14 32.41	−25 41.3	2.904	3.879	4.2	20.4
5 1	14 25.19	−25 18.3	2.904	3.899	2.7	20.4
5 11	14 18.19	−24 48.4	2.933	3.919	3.7	20.4
5 21	14 11.98	−24 14.6	2.990	3.939	5.9	20.6
5 31	14 7.01	−23 40.6	3.074	3.959	8.1	20.8

32855 Zollitsch 4 29.2 175°.86 0°.4/28.9 18

3 22	14 52.81	−15 55.0	2.306	3.102	12.9	20.6
4 1	14 48.16	−15 26.1	2.217	3.104	10.1	20.4
4 11	14 41.57	−14 47.6	2.151	3.106	6.7	20.2
4 21	14 33.57	−14 1.9	2.112	3.108	3.0	20.0
5 1	14 24.93	−13 12.4	2.102	3.108	0.9	19.8
5 11	14 16.50	−12 23.5	2.120	3.109	4.7	20.1
5 21	14 9.06	−11 39.8	2.167	3.108	8.2	20.3
5 31	14 3.23	−11 4.9	2.239	3.107	11.4	20.5

43897 1995 VC 4 29.2 122°.28 0°.1/29.2 18

3 22	14 55.89	−16 10.4	1.851	2.653	15.3	19.6
4 1	14 50.94	−15 58.1	1.777	2.667	12.0	19.4
4 11	14 43.59	−15 35.5	1.724	2.680	8.0	19.2
4 21	14 34.53	−15 4.6	1.697	2.692	3.7	18.9
5 1	14 24.73	−14 28.6	1.697	2.704	0.8	18.7
5 11	14 15.29	−13 52.4	1.725	2.716	5.3	19.1
5 21	14 7.18	−13 20.8	1.780	2.727	9.3	19.4
5 31	14 1.12	−12 57.9	1.859	2.737	12.9	19.6

212018 2005 CG_{13} 4 29.2 150°.73 3°.4/ 1.4 16

3 22	14 57.15	−23 40.9	1.734	2.517	17.0	21.0
4 1	14 52.41	−24 1.0	1.651	2.522	13.8	20.8
4 11	14 44.89	−24 5.8	1.588	2.527	10.0	20.6
4 21	14 35.24	−23 54.1	1.548	2.531	6.0	20.3
5 1	14 24.55	−23 27.0	1.535	2.536	3.4	20.2
5 11	14 14.14	−22 48.5	1.549	2.539	5.7	20.3
5 21	14 5.17	−22 4.7	1.588	2.542	9.7	20.6
5 31	13 58.54	−21 22.5	1.652	2.545	13.4	20.8

499868 2011 FW_{17} 4 29.2 18°.52 5°.3/ 2.0 17

3 22	14 56.10	−25 14.5	1.611	2.396	18.0	20.8
4 1	14 51.97	−26 16.5	1.531	2.399	14.8	20.6
4 11	14 44.82	−27 4.2	1.470	2.403	11.2	20.3
4 21	14 35.30	−27 34.4	1.432	2.407	7.5	20.1
5 1	14 24.53	−27 45.3	1.419	2.412	5.3	20.0
5 11	14 13.95	−27 39.1	1.432	2.417	6.9	20.1
5 21	14 4.88	−27 20.8	1.469	2.422	10.3	20.3
5 31	13 58.34	−26 57.2	1.529	2.428	14.0	20.5

353157 2009 HG_{65} 4 29.2 301°.48 5°.5/24.6 16

3 22	14 50.09	− 0 5.2	2.133	2.958	12.8	20.6
4 1	14 46.30	+ 0 37.1	2.038	2.937	10.2	20.3
4 11	14 40.50	+ 1 18.5	1.966	2.917	7.6	20.1
4 21	14 33.16	+ 1 54.1	1.920	2.897	5.7	20.0
5 1	14 25.03	+ 2 18.8	1.900	2.877	6.0	20.0
5 11	14 16.96	+ 2 28.4	1.907	2.857	8.4	20.1
5 21	14 9.80	+ 2 20.8	1.939	2.838	11.4	20.2
5 31	14 4.22	+ 1 55.3	1.993	2.818	14.3	20.4

392435 2010 RV_{56} 4 29.2 317°.52 0°.1/29.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 46.97	−17 10.8	1.956	2.770	14.2	21.2
4 1	14 44.21	−16 41.0	1.853	2.750	11.2	20.9
4 11	14 39.27	−15 58.6	1.771	2.730	7.6	20.7
4 21	14 32.65	−15 5.5	1.714	2.711	3.5	20.4
5 1	14 25.14	−14 5.9	1.685	2.692	0.8	20.1
5 11	14 17.69	−13 5.2	1.682	2.673	5.2	20.4
5 21	14 11.23	−12 9.5	1.705	2.655	9.4	20.6
5 31	14 6.52	−11 24.0	1.752	2.638	13.2	20.8

410197 2007 RS_{150} 4 29.2 204°.16 0°.4/28.8 16

3 22	14 55.32	−16 0.5	1.989	2.788	14.5	23.1
4 1	14 50.54	−15 30.9	1.894	2.783	11.4	22.9
4 11	14 43.40	−14 50.1	1.821	2.777	7.7	22.7
4 21	14 34.51	−14 0.2	1.775	2.770	3.5	22.4
5 1	14 24.73	−13 5.1	1.756	2.763	1.1	22.2
5 11	14 15.13	−12 10.4	1.766	2.755	5.4	22.5
5 21	14 6.67	−11 21.5	1.804	2.745	9.6	22.7
5 31	14 0.12	−10 43.2	1.865	2.736	13.2	22.9

501509 2014 DZ_{109} 4 29.2 174°.87 3°.8/25.3 17

3 22	14 48.94	− 4 17.7	2.502	3.319	11.3	21.6
4 1	14 44.94	− 3 26.0	2.421	3.320	8.8	21.4
4 11	14 39.31	− 2 32.5	2.366	3.321	6.2	21.3
4 21	14 32.52	− 1 41.1	2.337	3.322	4.1	21.1
5 1	14 25.21	− 0 56.5	2.337	3.323	4.3	21.1
5 11	14 18.10	− 0 22.3	2.365	3.323	6.5	21.3
5 21	14 11.81	− 0 1.3	2.419	3.323	9.2	21.4
5 31	14 6.88	+ 0 5.3	2.497	3.323	11.7	21.6

72274 2001 AB_{45} 4 29.2 16°.36 6°.4/24.6 17

3 22	14 50.35	− 0 29.2	1.678	2.515	15.1	18.6
4 1	14 46.80	+ 0 27.7	1.611	2.517	12.0	18.4
4 11	14 40.92	+ 1 23.4	1.565	2.520	8.8	18.2
4 21	14 33.35	+ 2 11.3	1.544	2.523	6.6	18.1
5 1	14 25.03	+ 2 44.8	1.549	2.526	7.1	18.1
5 11	14 17.04	+ 2 59.1	1.578	2.530	9.7	18.2
5 21	14 10.31	+ 2 52.5	1.631	2.535	12.9	18.4
5 31	14 5.54	+ 2 25.0	1.705	2.539	15.9	18.6

212328 2005 SD_{59} 4 29.2 253°.89 2°.4/26.5 16

3 22	14 47.91	−10 22.0	2.661	3.470	11.0	21.3
4 1	14 44.19	− 9 19.0	2.557	3.454	8.5	21.1
4 11	14 38.86	− 8 8.7	2.478	3.438	5.7	20.9
4 21	14 32.35	− 6 54.7	2.427	3.421	3.0	20.7
5 1	14 25.25	− 5 41.7	2.406	3.404	2.8	20.7
5 11	14 18.24	− 4 34.6	2.414	3.386	5.5	20.8
5 21	14 11.95	− 3 37.6	2.450	3.368	8.5	21.0
5 31	14 6.94	− 2 53.9	2.510	3.350	11.2	21.1

480549 2015 MH_{56} 4 29.2 337°.12 6°.0/ 3.9 16

3 22	14 47.42	−31 15.8	1.820	2.586	16.9	20.8
4 1	14 45.05	−31 37.3	1.722	2.572	14.3	20.5
4 11	14 40.10	−31 38.3	1.642	2.559	11.3	20.3
4 21	14 33.12	−31 16.6	1.583	2.546	8.2	20.1
5 1	14 25.05	−30 31.9	1.549	2.535	6.1	19.9
5 11	14 17.10	−29 28.1	1.541	2.524	6.8	20.0
5 21	14 10.37	−28 11.8	1.557	2.514	9.6	20.1
5 31	14 5.78	−26 51.5	1.596	2.504	13.0	20.3

476632 2008 SQ_{213} 4 29.2 136°.71 0°.4/28.6 18

3 22	14 45.69	−14 37.6	3.932	4.721	8.1	22.7
4 1	14 41.84	−14 11.9	3.847	4.732	6.2	22.6
4 11	14 36.95	−13 41.3	3.788	4.743	4.1	22.4
4 21	14 31.37	−13 7.4	3.757	4.753	1.9	22.3
5 1	14 25.48	−12 32.1	3.757	4.763	0.7	22.2
5 11	14 19.74	−11 57.9	3.787	4.773	2.9	22.4
5 21	14 14.52	−11 26.9	3.846	4.783	5.1	22.6
5 31	14 10.17	−11 0.9	3.932	4.792	7.1	22.7

36569 2000 QB_{121} 4 29.2 121°.46 2°.0/27.2 18

3 22	14 51.25	−12 51.0	2.073	2.885	13.6	19.0
4 1	14 47.01	−11 45.7	1.999	2.897	10.4	18.8
4 11	14 40.79	−10 31.2	1.949	2.910	6.9	18.6
4 21	14 33.21	− 9 11.9	1.926	2.922	3.3	18.4
5 1	14 25.07	− 7 53.6	1.931	2.933	2.6	18.3
5 11	14 17.28	− 6 42.4	1.966	2.945	5.9	18.6
5 21	14 10.58	− 5 43.4	2.026	2.956	9.4	18.8
5 31	14 5.58	− 4 59.9	2.111	2.966	12.5	19.0

146904 2002 CU_{94} 4 29.2 151°.52 0°.7/28.5 18

3 22	14 49.75	−13 46.4	2.800	3.597	10.8	20.8
4 1	14 45.42	−13 24.6	2.714	3.603	8.4	20.6
4 11	14 39.56	−12 56.7	2.652	3.609	5.6	20.5
4 21	14 32.62	−12 24.5	2.618	3.614	2.5	20.3
5 1	14 25.21	−11 50.9	2.613	3.619	1.1	20.1
5 11	14 17.97	−11 19.0	2.638	3.624	4.0	20.4
5 21	14 11.51	−10 51.7	2.691	3.629	7.0	20.6
5 31	14 6.32	−10 31.5	2.769	3.633	9.6	20.7

271909 2004 XY_{15} 4 29.2 280°.00 1°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.49	−20 49.0	2.014	2.805	14.7	21.2
4 1	14 48.66	−20 41.9	1.897	2.778	11.8	20.9
4 11	14 42.41	−20 21.3	1.802	2.750	8.4	20.7
4 21	14 34.19	−19 47.2	1.731	2.721	4.5	20.4
5 1	14 24.83	−19 1.5	1.687	2.693	1.7	20.1
5 11	14 15.38	−18 8.5	1.671	2.664	5.1	20.3
5 21	14 6.91	−17 14.0	1.682	2.634	9.3	20.5
5 31	14 0.30	−16 24.2	1.717	2.604	13.3	20.6

483008 2014 SM_{349} 4 29.2 261°.38 4°.6/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.23	+10 34.3	4.521	5.311	7.1	21.0
4 1	14 41.35	+11 0.4	4.447	5.309	6.0	20.9
4 11	14 36.57	+11 21.4	4.398	5.306	5.0	20.9
4 21	14 31.19	+11 35.0	4.376	5.304	4.6	20.8
5 1	14 25.55	+11 39.2	4.383	5.301	4.9	20.8
5 11	14 20.02	+11 32.9	4.416	5.299	5.8	20.9
5 21	14 14.93	+11 15.6	4.476	5.297	7.0	21.0
5 31	14 10.57	+10 47.7	4.559	5.294	8.1	21.1

171314 2006 HL_{51} 4 29.2 355°.25 2°.0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.80	−20 58.4	1.200	2.033	20.2	19.9
4 1	14 46.90	−20 53.0	1.125	2.030	16.2	19.7
4 11	14 41.72	−20 27.3	1.068	2.027	11.3	19.4
4 21	14 33.96	−19 42.1	1.031	2.025	6.0	19.1
5 1	14 24.90	−18 41.7	1.018	2.024	2.1	18.8
5 11	14 16.17	−17 34.2	1.028	2.024	6.6	19.1
5 21	14 9.17	−16 29.3	1.060	2.024	12.0	19.4
5 31	14 4.98	−15 35.8	1.112	2.026	16.8	19.7

160832 2000 YF_{12} 4 29.2 93°.45 14°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.19	+22 0.4	1.602	2.382	18.3	19.1
4 1	14 55.84	+23 16.8	1.568	2.399	16.5	19.0
4 11	14 46.77	+24 9.6	1.553	2.416	15.1	18.9
4 21	14 35.92	+24 29.9	1.559	2.434	14.6	18.9
5 1	14 24.54	+24 12.2	1.586	2.450	15.1	19.0
5 11	14 13.96	+23 16.4	1.634	2.467	16.4	19.1
5 21	14 5.20	+21 47.2	1.702	2.483	18.0	19.3
5 31	13 58.92	+19 51.6	1.787	2.499	19.7	19.4

253030 2002 RV_{261} 4 29.2 213°.22 3°.7/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.69	− 6 16.0	1.957	2.774	14.0	21.1
4 1	14 49.99	− 5 39.2	1.869	2.769	11.0	20.9
4 11	14 43.03	− 4 58.9	1.804	2.763	7.5	20.6
4 21	14 34.36	− 4 19.2	1.765	2.756	4.4	20.4
5 1	14 24.85	− 3 45.2	1.754	2.748	4.2	20.4
5 11	14 15.53	− 3 21.5	1.770	2.741	7.3	20.6
5 21	14 7.30	− 3 11.4	1.812	2.732	10.9	20.8
5 31	14 0.94	− 3 16.5	1.877	2.723	14.2	20.9

504312 2007 LV_{1} 4 29.2 305°.53 8°.1/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.65	+ 4 12.6	1.702	2.532	15.3	20.5
4 1	14 48.82	+ 5 4.3	1.617	2.514	12.5	20.3
4 11	14 42.48	+ 5 51.1	1.553	2.496	9.9	20.1
4 21	14 34.19	+ 6 26.1	1.513	2.479	8.2	19.9
5 1	14 24.88	+ 6 42.2	1.498	2.461	8.8	19.9
5 11	14 15.70	+ 6 34.8	1.507	2.444	11.2	20.0
5 21	14 7.71	+ 6 2.5	1.539	2.428	14.4	20.2
5 31	14 1.75	+ 5 6.5	1.591	2.411	17.5	20.3

506554 2005 QZ_{189} 4 29.2 200°.33 3°.8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.71	− 4 52.1	2.631	3.449	10.9	22.0
4 1	14 43.95	− 3 46.4	2.547	3.447	8.4	21.8
4 11	14 38.64	− 2 37.7	2.489	3.444	5.9	21.6
4 21	14 32.24	− 1 30.5	2.457	3.442	4.0	21.5
5 1	14 25.34	− 0 29.5	2.455	3.439	4.3	21.5
5 11	14 18.61	+ 0 21.1	2.481	3.436	6.5	21.6
5 21	14 12.64	+ 0 58.2	2.533	3.432	9.0	21.8
5 31	14 7.94	+ 1 20.1	2.610	3.429	11.5	22.0

99167 2001 FX_{151} 4 29.2 8°.72 6°.4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.00	+ 3 17.4	1.938	2.762	13.9	18.0
4 1	14 47.76	+ 3 39.5	1.868	2.764	11.2	17.9
4 11	14 41.41	+ 3 55.7	1.821	2.767	8.5	17.7
4 21	14 33.56	+ 4 1.4	1.799	2.771	6.6	17.6
5 1	14 25.06	+ 3 52.3	1.803	2.775	6.8	17.6
5 11	14 16.85	+ 3 26.2	1.833	2.780	8.9	17.7
5 21	14 9.77	+ 2 42.9	1.888	2.786	11.7	17.9
5 31	14 4.48	+ 1 44.0	1.965	2.792	14.4	18.1

425380 2010 CZ_{41} 4 29.2 37°.42 5°.0/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.52	−27 39.5	1.720	2.497	17.3	20.5
4 1	14 48.88	−28 7.9	1.644	2.506	14.3	20.3
4 11	14 42.53	−28 18.1	1.587	2.516	10.8	20.1
4 21	14 34.19	−28 8.4	1.554	2.527	7.3	19.9
5 1	14 24.91	−27 39.5	1.545	2.537	5.0	19.8
5 11	14 15.95	−26 55.6	1.562	2.549	6.2	19.9
5 21	14 8.44	−26 3.1	1.604	2.560	9.4	20.1
5 31	14 3.19	−25 9.5	1.670	2.572	12.8	20.3

457536 2008 WG_{107} 4 29.2 277°.70 2°.4/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.41	−10 29.3	1.393	2.225	17.9	21.4
4 1	14 51.71	−10 15.4	1.303	2.212	14.1	21.1
4 11	14 44.85	− 9 53.9	1.234	2.198	9.5	20.8
4 21	14 35.43	− 9 28.3	1.187	2.184	4.6	20.5
5 1	14 24.60	− 9 3.5	1.166	2.170	3.0	20.3
5 11	14 13.83	− 8 45.2	1.170	2.156	7.8	20.6
5 21	14 4.54	− 8 38.5	1.197	2.142	13.0	20.8
5 31	13 57.85	− 8 46.9	1.245	2.128	17.6	21.0

461352 1999 FR_{65} 4 29.2 358°.42 23°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.34	−45 32.4	1.092	1.813	28.3	20.1
4 1	15 3.04	−49 55.2	1.031	1.807	26.7	20.0
4 11	14 55.78	−53 56.8	0.984	1.803	25.1	19.8
4 21	14 42.00	−57 17.8	0.954	1.801	23.8	19.7
5 1	14 22.85	−59 38.4	0.939	1.801	23.1	19.6
5 11	14 1.89	−60 48.0	0.939	1.803	23.2	19.6
5 21	13 43.84	−60 50.5	0.953	1.807	24.0	19.7
5 31	13 32.49	−60 2.7	0.981	1.812	25.1	19.8

154417 2003 BO_{25} 4 29.2 255°.04 6°.3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 44.65	+21 36.5	4.631	5.385	7.5	19.5
4 1	14 40.94	+22 18.8	4.572	5.380	6.8	19.5
4 11	14 36.33	+22 52.7	4.536	5.374	6.4	19.4
4 21	14 31.10	+23 15.4	4.525	5.369	6.3	19.4
5 1	14 25.62	+23 24.8	4.538	5.364	6.7	19.4
5 11	14 20.25	+23 19.9	4.576	5.358	7.4	19.5
5 21	14 15.33	+23 0.7	4.636	5.353	8.2	19.5
5 31	14 11.17	+22 28.0	4.715	5.347	9.1	19.6

427279 2014 WZ_{196} 4 29.2 90°.12 3°.9/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.66	−25 32.0	1.692	2.475	17.3	21.0
4 1	14 50.52	−25 45.3	1.614	2.484	14.1	20.8
4 11	14 43.62	−25 40.8	1.556	2.493	10.4	20.6
4 21	14 34.69	−25 17.7	1.521	2.502	6.5	20.4
5 1	14 24.80	−24 37.5	1.512	2.510	3.9	20.3
5 11	14 15.27	−23 45.1	1.529	2.519	5.8	20.4
5 21	14 7.21	−22 47.4	1.571	2.528	9.5	20.6
5 31	14 1.48	−21 51.9	1.637	2.536	13.2	20.9

466738 2015 AS 4 29.2 151°.03 5°.5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.95	− 3 12.3	1.864	2.690	14.3	21.8
4 1	14 48.56	− 1 58.0	1.795	2.697	11.2	21.6
4 11	14 41.98	− 0 41.5	1.748	2.703	8.0	21.4
4 21	14 33.83	+ 0 30.7	1.727	2.709	5.7	21.3
5 1	14 25.01	+ 1 31.6	1.733	2.714	6.1	21.3
5 11	14 16.52	+ 2 15.7	1.766	2.718	8.8	21.5
5 21	14 9.23	+ 2 39.8	1.824	2.723	12.0	21.7
5 31	14 3.81	+ 2 43.1	1.903	2.727	14.9	21.9

19481 1998 HX_{101} 4 29.2 318°.46 1°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.56	−10 18.1	2.192	3.002	13.0	18.6
4 1	14 48.14	−10 19.0	2.101	2.997	10.1	18.3
4 11	14 41.69	−10 16.2	2.034	2.993	6.8	18.1
4 21	14 33.73	−10 11.4	1.993	2.989	3.2	17.9
5 1	14 25.02	−10 7.3	1.980	2.984	1.8	17.8
5 11	14 16.45	−10 6.4	1.995	2.980	5.2	18.0
5 21	14 8.83	−10 11.4	2.037	2.977	8.8	18.2
5 31	14 2.86	−10 24.2	2.104	2.973	12.0	18.4

310648 2002 CA_{276} 4 29.2 286°.57 2°.5/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.48	−11 24.9	1.459	2.292	17.2	20.7
4 1	14 49.11	−10 49.3	1.376	2.285	13.4	20.5
4 11	14 42.88	−10 3.7	1.313	2.278	9.0	20.2
4 21	14 34.43	− 9 12.4	1.274	2.271	4.3	19.9
5 1	14 24.86	− 8 21.6	1.261	2.264	3.1	19.8
5 11	14 15.50	− 7 38.3	1.272	2.257	7.6	20.0
5 21	14 7.57	− 7 8.4	1.308	2.250	12.4	20.3
5 31	14 2.03	− 6 55.8	1.364	2.243	16.6	20.5

374994 2007 EX_{196} 4 29.2 46°.42 3°.0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.81	−12 30.6	1.544	2.379	16.3	21.1
4 1	14 45.77	−11 10.3	1.481	2.391	12.5	20.9
4 11	14 40.28	− 9 38.2	1.438	2.404	8.3	20.7
4 21	14 33.08	− 8 0.8	1.421	2.417	4.1	20.5
5 1	14 25.19	− 6 26.8	1.430	2.430	3.7	20.5
5 11	14 17.75	− 5 4.7	1.465	2.444	7.5	20.7
5 21	14 11.69	− 4 1.0	1.525	2.458	11.6	21.0
5 31	14 7.69	− 3 19.1	1.606	2.472	15.2	21.2

346864 2009 EP_{30} 4 29.2 121°.85 0°.9/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.13	−17 45.1	2.402	3.189	12.7	21.1
4 1	14 48.39	−17 53.6	2.316	3.196	10.0	20.9
4 11	14 41.75	−17 53.9	2.253	3.203	6.8	20.7
4 21	14 33.72	−17 46.7	2.217	3.210	3.4	20.5
5 1	14 25.05	−17 33.6	2.209	3.216	1.0	20.3
5 11	14 16.57	−17 17.4	2.231	3.222	4.1	20.6
5 21	14 9.04	−17 1.2	2.280	3.228	7.5	20.8
5 31	14 3.09	−16 48.4	2.355	3.234	10.5	21.0

56185 1999 FJ_{35} 4 29.2 318°.52 0°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.23	−13 32.6	1.575	2.391	16.9	18.2
4 1	14 52.90	−14 12.8	1.481	2.378	13.5	17.9
4 11	14 45.55	−14 48.5	1.408	2.366	9.2	17.6
4 21	14 35.75	−15 19.7	1.359	2.354	4.4	17.3
5 1	14 24.55	−15 46.7	1.336	2.343	1.0	17.0
5 11	14 13.34	−16 11.1	1.340	2.332	6.1	17.3
5 21	14 3.47	−16 35.5	1.369	2.322	11.0	17.6
5 31	13 56.03	−17 3.0	1.420	2.312	15.3	17.8

159448 2000 AH_{199} 4 29.2 203°.13 4°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.62	− 2 38.7	2.600	3.410	11.2	20.7
4 1	14 47.00	− 1 46.3	2.511	3.405	8.8	20.6
4 11	14 40.71	− 0 52.8	2.448	3.399	6.3	20.4
4 21	14 33.22	− 0 2.3	2.412	3.393	4.4	20.3
5 1	14 25.16	+ 0 40.7	2.405	3.386	4.7	20.3
5 11	14 17.25	+ 1 12.5	2.427	3.378	6.8	20.4
5 21	14 10.15	+ 1 30.7	2.475	3.369	9.4	20.5
5 31	14 4.39	+ 1 34.0	2.547	3.360	11.9	20.7

505030 2011 QP_{64} 4 29.2 147°.83 3°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.52	− 6 37.6	2.777	3.589	10.5	22.3
4 1	14 44.44	− 5 41.6	2.699	3.597	8.1	22.1
4 11	14 38.89	− 4 42.4	2.647	3.604	5.5	21.9
4 21	14 32.34	− 3 43.8	2.622	3.611	3.4	21.8
5 1	14 25.37	− 2 49.9	2.627	3.617	3.4	21.8
5 11	14 18.59	− 2 4.4	2.660	3.623	5.6	22.0
5 21	14 12.58	− 1 30.2	2.721	3.629	8.2	22.1
5 31	14 7.79	− 1 8.8	2.806	3.635	10.5	22.3

478883 2012 WA_{8} 4 29.2 201°.15 0°.9/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.03	−11 57.8	2.276	3.080	12.8	21.3
4 1	14 48.41	−11 56.8	2.187	3.080	9.9	21.1
4 11	14 41.82	−11 50.8	2.121	3.079	6.6	20.9
4 21	14 33.78	−11 41.5	2.082	3.078	3.0	20.6
5 1	14 25.04	−11 31.2	2.071	3.077	1.3	20.5
5 11	14 16.45	−11 22.9	2.089	3.076	4.9	20.8
5 21	14 8.82	−11 19.4	2.134	3.075	8.4	21.0
5 31	14 2.79	−11 22.9	2.204	3.073	11.5	21.2

478131 2011 UX_{122} 4 29.2 209°.79 0°.3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.73	−15 17.7	2.867	3.658	10.7	22.3
4 1	14 45.48	−14 54.9	2.767	3.653	8.4	22.1
4 11	14 39.68	−14 24.9	2.692	3.646	5.6	21.9
4 21	14 32.75	−13 49.5	2.644	3.640	2.5	21.7
5 1	14 25.28	−13 11.1	2.626	3.633	0.8	21.5
5 11	14 17.92	−12 33.1	2.638	3.625	3.9	21.8
5 21	14 11.29	−11 58.7	2.677	3.618	6.9	21.9
5 31	14 5.89	−11 30.9	2.743	3.609	9.6	22.1

292067 2006 RF_{16} 4 29.2 244°.02 0°.8/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.40	−20 6.2	1.819	2.619	15.7	21.3
4 1	14 48.63	−19 33.0	1.720	2.607	12.5	21.1
4 11	14 42.35	−18 43.5	1.643	2.596	8.6	20.8
4 21	14 34.15	−17 39.2	1.590	2.584	4.2	20.5
5 1	14 24.95	−16 24.3	1.564	2.571	1.0	20.3
5 11	14 15.90	−15 5.5	1.566	2.559	5.4	20.6
5 21	14 8.04	−13 50.3	1.595	2.546	9.9	20.8
5 31	14 2.23	−12 45.5	1.647	2.532	13.9	21.0

469751 2005 QC_{4} 4 29.2 221°.73 0°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.42	−13 38.3	2.933	3.728	10.4	22.5
4 1	14 45.20	−13 11.0	2.830	3.719	8.1	22.3
4 11	14 39.48	−12 37.3	2.753	3.709	5.4	22.1
4 21	14 32.66	−11 59.1	2.703	3.699	2.4	21.9
5 1	14 25.30	−11 19.3	2.682	3.688	1.2	21.7
5 11	14 18.03	−10 41.0	2.692	3.677	4.1	21.9
5 21	14 11.45	−10 7.5	2.729	3.665	7.0	22.1
5 31	14 6.06	− 9 41.3	2.793	3.653	9.6	22.3

196633 2003 SO_{2} 4 29.2 275°.20 2°.2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.35	−21 24.0	1.979	2.769	14.9	21.0
4 1	14 48.46	−21 30.8	1.880	2.758	12.0	20.8
4 11	14 42.19	−21 24.9	1.802	2.748	8.5	20.6
4 21	14 34.08	−21 6.1	1.748	2.737	4.7	20.3
5 1	14 24.98	−20 36.1	1.721	2.726	2.2	20.1
5 11	14 15.96	−19 58.7	1.722	2.715	5.0	20.3
5 21	14 8.03	−19 18.8	1.749	2.704	8.9	20.5
5 31	14 2.02	−18 42.1	1.801	2.693	12.6	20.7

151055 2001 VV_{11} 4 29.2 218°.40 4°.1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.50	−27 14.7	2.077	2.838	15.2	19.8
4 1	14 50.10	−27 28.1	1.978	2.832	12.6	19.6
4 11	14 43.26	−27 25.5	1.899	2.826	9.5	19.4
4 21	14 34.55	−27 5.6	1.845	2.819	6.2	19.2
5 1	14 24.87	−26 28.8	1.818	2.812	4.1	19.0
5 11	14 15.33	−25 38.7	1.818	2.804	5.5	19.1
5 21	14 6.93	−24 41.0	1.845	2.797	8.7	19.3
5 31	14 0.51	−23 42.3	1.896	2.789	12.0	19.4

472517 2015 CN_{39} 4 29.2 7°.79 8°.8/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.09	−33 36.0	1.648	2.398	19.0	21.2
4 1	14 51.54	−34 57.5	1.567	2.399	16.4	21.0
4 11	14 44.78	−35 59.9	1.503	2.401	13.5	20.8
4 21	14 35.43	−36 37.4	1.460	2.403	10.7	20.6
5 1	14 24.66	−36 46.7	1.441	2.406	8.9	20.5
5 11	14 14.02	−36 28.9	1.445	2.409	9.3	20.5
5 21	14 4.95	−35 49.6	1.473	2.413	11.4	20.7
5 31	13 58.58	−34 57.7	1.523	2.418	14.3	20.8

90723 1991 TN_{10} 4 29.2 214°.26 0°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.95	−17 37.7	2.116	2.912	13.9	20.8
4 1	14 48.62	−17 27.3	2.022	2.908	10.9	20.6
4 11	14 42.11	−17 6.4	1.950	2.903	7.5	20.4
4 21	14 33.98	−16 36.4	1.904	2.898	3.6	20.2
5 1	14 25.03	−16 0.0	1.885	2.893	0.8	19.9
5 11	14 16.24	−15 21.3	1.895	2.887	4.7	20.2
5 21	14 8.48	−14 44.9	1.933	2.881	8.6	20.4
5 31	14 2.49	−14 15.1	1.994	2.874	12.1	20.6

237255 2008 WA_{77} 4 29.2 173°.90 1°.0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.59	−11 1.2	4.032	4.828	7.8	22.3
4 1	14 41.79	−10 37.4	3.941	4.830	6.0	22.2
4 11	14 36.97	−10 10.3	3.875	4.832	4.0	22.0
4 21	14 31.45	− 9 41.6	3.838	4.834	1.9	21.9
5 1	14 25.61	− 9 13.2	3.832	4.835	1.3	21.8
5 11	14 19.88	− 8 47.2	3.855	4.836	3.2	22.0
5 21	14 14.63	− 8 25.5	3.908	4.836	5.3	22.1
5 31	14 10.20	− 8 9.6	3.987	4.837	7.2	22.3

175901 1999 XT_{230} 4 29.2 147°.16 0°.2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.18	−16 23.3	2.055	2.851	14.2	22.3
4 1	14 50.20	−15 56.1	1.975	2.862	11.1	22.2
4 11	14 43.05	−15 18.3	1.917	2.872	7.4	21.9
4 21	14 34.35	−14 32.3	1.886	2.881	3.4	21.7
5 1	14 24.97	−13 41.9	1.883	2.890	0.9	21.5
5 11	14 15.90	−12 52.1	1.909	2.898	5.0	21.8
5 21	14 8.01	−12 7.9	1.962	2.905	8.8	22.1
5 31	14 1.97	−11 33.2	2.040	2.911	12.2	22.3

160347 2003 TL_{16} 4 29.2 201°.36 1°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.67	−19 29.8	2.302	3.090	13.1	20.4
4 1	14 47.43	−19 14.9	2.207	3.087	10.4	20.2
4 11	14 41.21	−18 48.8	2.135	3.084	7.2	20.0
4 21	14 33.53	−18 12.7	2.089	3.081	3.6	19.8
5 1	14 25.14	−17 29.2	2.071	3.078	1.0	19.6
5 11	14 16.92	−16 42.3	2.082	3.074	4.3	19.8
5 21	14 9.66	−15 56.7	2.121	3.070	7.9	20.0
5 31	14 4.01	−15 16.8	2.184	3.065	11.1	20.2

36662 2000 QT_{208} 4 29.2 280°.30 0°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.75	−17 2.1	1.815	2.622	15.4	19.4
4 1	14 48.93	−17 0.0	1.718	2.611	12.2	19.2
4 11	14 42.59	−16 47.2	1.643	2.599	8.4	18.9
4 21	14 34.30	−16 24.7	1.593	2.588	4.0	18.6
5 1	14 24.96	−15 55.0	1.569	2.576	0.9	18.4
5 11	14 15.70	−15 22.7	1.572	2.564	5.4	18.7
5 21	14 7.60	−14 52.7	1.601	2.552	9.8	18.9
5 31	14 1.53	−14 29.9	1.653	2.541	13.7	19.1

255552 2006 JL_{39} 4 29.2 304°.92 1°.6/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.92	−13 54.9	1.353	2.192	18.0	21.2
4 1	14 47.65	−13 24.3	1.254	2.166	14.2	20.9
4 11	14 42.29	−12 39.4	1.175	2.141	9.7	20.5
4 21	14 34.37	−11 43.4	1.118	2.116	4.5	20.2
5 1	14 24.91	−10 42.0	1.086	2.091	2.3	19.9
5 11	14 15.39	− 9 43.7	1.077	2.067	7.7	20.2
5 21	14 7.22	− 8 56.4	1.092	2.043	13.3	20.4
5 31	14 1.58	− 8 27.0	1.126	2.020	18.3	20.6

43917 1996 AM_{16} 4 29.2 275°.09 3°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.97	− 6 57.1	1.657	2.485	15.7	19.5
4 1	14 50.04	− 6 25.1	1.563	2.468	12.3	19.3
4 11	14 43.44	− 5 48.4	1.490	2.451	8.5	19.0
4 21	14 34.73	− 5 11.4	1.441	2.434	4.8	18.7
5 1	14 24.87	− 4 39.7	1.419	2.417	4.4	18.7
5 11	14 15.07	− 4 19.0	1.423	2.399	8.1	18.8
5 21	14 6.48	− 4 13.2	1.452	2.382	12.3	19.0
5 31	14 0.03	− 4 24.7	1.502	2.364	16.3	19.2

296713 2009 SQ_{331} 4 29.2 153°.62 1°.8/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.87	−12 25.2	2.413	3.216	12.2	21.4
4 1	14 47.26	−11 25.7	2.332	3.225	9.4	21.2
4 11	14 40.90	−10 18.3	2.276	3.234	6.2	21.0
4 21	14 33.32	− 9 6.7	2.247	3.242	3.0	20.8
5 1	14 25.22	− 7 55.8	2.247	3.249	2.3	20.8
5 11	14 17.39	− 6 50.6	2.278	3.256	5.3	21.0
5 21	14 10.50	− 5 55.4	2.336	3.262	8.5	21.2
5 31	14 5.11	− 5 13.3	2.419	3.267	11.3	21.4

421509 2014 OE_{95} 4 29.2 193°.50 2°.6/27.2 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.92	− 9 32.1	2.036	2.845	13.9	22.8
4 1	14 50.87	− 8 53.8	1.948	2.843	10.8	22.6
4 11	14 43.59	− 8 9.3	1.882	2.840	7.3	22.4
4 21	14 34.65	− 7 22.3	1.843	2.837	3.7	22.1
5 1	14 24.92	− 6 37.4	1.832	2.832	3.1	22.1
5 11	14 15.39	− 5 59.6	1.850	2.827	6.4	22.3
5 21	14 6.97	− 5 32.9	1.894	2.821	10.1	22.5
5 31	14 0.37	− 5 20.0	1.963	2.813	13.5	22.7

371115 2005 VS_{98} 4 29.2 251°.57 6°.9/ 4.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.67	−34 34.4	2.097	2.821	16.2	20.7
4 1	14 51.38	−35 5.8	1.987	2.805	14.0	20.5
4 11	14 44.37	−35 18.1	1.896	2.788	11.4	20.3
4 21	14 35.19	−35 7.5	1.827	2.771	8.8	20.1
5 1	14 24.78	−34 32.3	1.784	2.754	7.0	20.0
5 11	14 14.38	−33 34.7	1.766	2.736	7.4	20.0
5 21	14 5.18	−32 20.3	1.775	2.717	9.6	20.0
5 31	13 58.15	−30 57.5	1.808	2.699	12.6	20.2

379983 2012 TJ_{144} 4 29.2 302°.94 0°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 42.75	−19 45.0	4.157	4.933	7.9	21.2
4 1	14 39.69	−19 23.1	4.050	4.924	6.2	21.1
4 11	14 35.63	−18 54.6	3.967	4.914	4.3	20.9
4 21	14 30.87	−18 20.3	3.913	4.904	2.2	20.8
5 1	14 25.77	−17 42.1	3.888	4.894	0.7	20.6
5 11	14 20.74	−17 2.1	3.893	4.885	2.5	20.8
5 21	14 16.17	−16 22.5	3.927	4.875	4.7	20.9
5 31	14 12.38	−15 45.8	3.988	4.865	6.6	21.0

508647 2017 TL_{11} 4 29.2 189°.62 1°.4/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.08	−20 14.6	2.486	3.264	12.5	22.3
4 1	14 48.39	−20 11.9	2.390	3.263	10.0	22.1
4 11	14 41.79	−19 58.9	2.316	3.261	7.0	21.9
4 21	14 33.80	−19 36.3	2.270	3.259	3.7	21.7
5 1	14 25.12	−19 5.9	2.252	3.257	1.4	21.5
5 11	14 16.59	−18 31.0	2.263	3.254	4.1	21.7
5 21	14 8.96	−17 55.4	2.302	3.251	7.4	21.9
5 31	14 2.87	−17 23.2	2.367	3.247	10.4	22.1

88217 2001 AY_{28} 4 29.2 248°.05 3°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.02	− 3 46.2	2.830	3.635	10.5	19.9
4 1	14 47.28	− 3 23.1	2.726	3.618	8.2	19.7
4 11	14 40.93	− 2 59.3	2.647	3.600	5.8	19.6
4 21	14 33.38	− 2 37.8	2.596	3.582	3.6	19.4
5 1	14 25.21	− 2 21.7	2.574	3.564	3.6	19.4
5 11	14 17.09	− 2 13.6	2.582	3.545	5.8	19.5
5 21	14 9.66	− 2 15.5	2.617	3.525	8.4	19.6
5 31	14 3.47	− 2 28.5	2.677	3.505	10.9	19.7

255629 2006 PP_{42} 4 29.2 327°.02 2°.7/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.51	−12 43.4	1.202	2.056	18.8	20.7
4 1	14 45.14	−11 59.8	1.117	2.038	14.8	20.4
4 11	14 40.64	−11 1.3	1.050	2.020	9.9	20.1
4 21	14 33.60	− 9 52.6	1.005	2.003	4.7	19.7
5 1	14 25.15	− 8 41.8	0.983	1.987	3.4	19.6
5 11	14 16.81	− 7 38.8	0.984	1.973	8.6	19.8
5 21	14 9.98	− 6 52.1	1.007	1.959	14.1	20.1
5 31	14 5.80	− 6 27.6	1.048	1.946	19.0	20.3

171427 2007 PB_{21} 4 29.2 277°.46 0°.6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.83	−15 9.0	2.051	2.859	13.8	20.9
4 1	14 47.14	−14 45.1	1.947	2.841	10.9	20.7
4 11	14 41.25	−14 11.2	1.864	2.823	7.3	20.4
4 21	14 33.66	−13 29.3	1.808	2.804	3.4	20.2
5 1	14 25.16	−12 43.0	1.779	2.785	1.1	19.9
5 11	14 16.70	−11 57.1	1.778	2.767	5.3	20.2
5 21	14 9.20	−11 16.6	1.803	2.748	9.4	20.4
5 31	14 3.44	−10 46.1	1.852	2.728	13.0	20.6

351880 2006 SR_{130} 4 29.2 152°.89 7°.6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.74	−44 25.7	3.223	3.841	12.8	21.6
4 1	14 53.70	−45 21.8	3.130	3.850	11.4	21.5
4 11	14 45.45	−46 1.6	3.056	3.859	10.0	21.4
4 21	14 35.54	−46 21.8	3.004	3.867	8.7	21.3
5 1	14 24.75	−46 20.4	2.978	3.874	7.8	21.3
5 11	14 14.07	−45 58.2	2.977	3.881	7.6	21.3
5 21	14 4.41	−45 18.1	3.003	3.888	8.3	21.3
5 31	13 56.50	−44 25.2	3.053	3.893	9.4	21.4

3154 Grant 4 29.2 164°.12 0°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.17	−13 13.6	2.808	3.605	10.8	18.6
4 1	14 45.78	−12 49.2	2.720	3.609	8.3	18.4
4 11	14 39.86	−12 18.8	2.657	3.613	5.5	18.3
4 21	14 32.86	−11 44.5	2.621	3.617	2.5	18.1
5 1	14 25.36	−11 9.2	2.615	3.620	1.2	18.0
5 11	14 18.04	−10 35.9	2.638	3.623	4.1	18.2
5 21	14 11.48	−10 7.7	2.689	3.625	7.1	18.4
5 31	14 6.18	− 9 47.1	2.766	3.627	9.7	18.5

34882 2001 UK_{66} 4 29.2 345°.36 0°.4/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.02	−13 19.4	1.123	1.972	20.2	16.9
4 1	14 49.68	−13 36.1	1.047	1.964	16.0	16.6
4 11	14 43.82	−13 44.0	0.990	1.957	10.9	16.3
4 21	14 35.10	−13 44.6	0.953	1.950	5.0	16.0
5 1	14 24.83	−13 40.9	0.938	1.945	1.3	15.7
5 11	14 14.76	−13 38.0	0.947	1.941	7.5	16.1
5 21	14 6.48	−13 41.0	0.977	1.939	13.2	16.4
5 31	14 1.21	−13 54.3	1.027	1.937	18.2	16.6

431855 2008 SW_{84} 4 29.2 165°.27 0°.6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.08	−17 23.0	2.598	3.380	12.0	21.9
4 1	14 48.99	−17 19.9	2.507	3.385	9.4	21.8
4 11	14 42.10	−17 8.8	2.441	3.390	6.4	21.6
4 21	14 33.92	−16 50.6	2.401	3.394	3.1	21.4
5 1	14 25.13	−16 27.2	2.391	3.398	0.7	21.2
5 11	14 16.52	−16 1.7	2.411	3.401	4.0	21.4
5 21	14 8.80	−15 37.3	2.459	3.404	7.2	21.6
5 31	14 2.55	−15 17.2	2.533	3.406	10.1	21.8

321069 2008 SB_{57} 4 29.2 141°.30 2°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.45	−13 20.0	1.538	2.362	16.9	21.1
4 1	14 50.33	−12 27.2	1.465	2.368	13.2	20.9
4 11	14 43.49	−11 22.3	1.412	2.375	8.7	20.6
4 21	14 34.67	−10 10.0	1.384	2.381	4.1	20.4
5 1	14 24.97	− 8 57.2	1.382	2.386	2.7	20.3
5 11	14 15.66	− 7 51.9	1.407	2.391	7.1	20.6
5 21	14 7.84	− 7 0.4	1.457	2.396	11.6	20.8
5 31	14 2.33	− 6 27.0	1.529	2.400	15.5	21.1

334827 2003 SD_{342} 4 29.2 160°.97 0°.6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.88	−18 33.2	2.217	3.009	13.4	22.0
4 1	14 47.61	−18 15.0	2.129	3.013	10.6	21.8
4 11	14 41.34	−17 45.8	2.064	3.016	7.2	21.6
4 21	14 33.61	−17 7.1	2.025	3.018	3.5	21.4
5 1	14 25.20	−16 22.0	2.014	3.021	0.8	21.2
5 11	14 17.01	−15 34.9	2.032	3.023	4.4	21.4
5 21	14 9.84	−14 50.3	2.076	3.025	8.1	21.7
5 31	14 4.34	−14 12.6	2.146	3.027	11.3	21.9

309810 2009 BV_{89} 4 29.2 145°.00 4°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.20	− 5 58.0	1.596	2.427	16.1	21.2
4 1	14 49.98	− 4 56.5	1.525	2.432	12.5	21.0
4 11	14 43.18	− 3 50.3	1.476	2.437	8.7	20.8
4 21	14 34.51	− 2 45.8	1.452	2.441	5.4	20.6
5 1	14 25.01	− 1 50.3	1.454	2.446	5.5	20.6
5 11	14 15.88	− 1 10.1	1.483	2.450	8.8	20.8
5 21	14 8.14	− 0 49.2	1.535	2.453	12.6	21.0
5 31	14 2.59	− 0 48.9	1.608	2.457	16.1	21.3

228328 2000 RO_{19} 4 29.2 213°.08 5°.0/ 3.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.81	−30 12.1	2.180	2.924	15.1	20.6
4 1	14 50.32	−30 31.9	2.080	2.919	12.7	20.4
4 11	14 43.42	−30 35.0	2.001	2.913	9.8	20.2
4 21	14 34.67	−30 19.3	1.945	2.907	7.0	20.0
5 1	14 24.96	−29 44.7	1.915	2.901	5.1	19.8
5 11	14 15.39	−28 54.3	1.914	2.894	5.9	19.9
5 21	14 6.95	−27 53.6	1.939	2.887	8.6	20.0
5 31	14 0.46	−26 49.3	1.989	2.880	11.6	20.2

304477 2006 UY_{87} 4 29.2 163°.75 1°.1/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.50	−11 13.3	2.476	3.278	11.9	21.0
4 1	14 47.83	−11 9.2	2.388	3.280	9.2	20.8
4 11	14 41.37	−11 0.8	2.324	3.281	6.2	20.6
4 21	14 33.61	−10 49.9	2.287	3.283	2.8	20.4
5 1	14 25.22	−10 38.8	2.279	3.284	1.5	20.3
5 11	14 17.01	−10 30.3	2.300	3.285	4.6	20.5
5 21	14 9.67	−10 26.8	2.349	3.286	7.9	20.7
5 31	14 3.79	−10 30.3	2.422	3.287	10.8	20.9

177630 2004 JZ_{42} 4 29.2 291°.60 2°.5/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.42	− 8 35.8	2.195	3.012	12.7	20.0
4 1	14 46.57	− 8 12.7	2.097	2.997	9.9	19.7
4 11	14 40.73	− 7 45.2	2.022	2.982	6.7	19.5
4 21	14 33.39	− 7 16.5	1.973	2.967	3.5	19.3
5 1	14 25.26	− 6 50.3	1.952	2.952	2.9	19.2
5 11	14 17.21	− 6 30.5	1.959	2.937	6.0	19.4
5 21	14 10.04	− 6 20.1	1.992	2.923	9.4	19.5
5 31	14 4.45	− 6 21.5	2.048	2.908	12.7	19.7

54630 2000 SM_{112} 4 29.2 109°.80 0°.8/28.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.73	−13 29.9	3.393	4.191	9.1	19.3
4 1	14 42.09	−12 55.5	3.311	4.201	7.0	19.1
4 11	14 37.27	−12 15.8	3.254	4.211	4.6	19.0
4 21	14 31.64	−11 33.0	3.225	4.221	2.1	18.8
5 1	14 25.67	−10 49.5	3.226	4.231	1.1	18.7
5 11	14 19.86	−10 8.3	3.257	4.241	3.5	18.9
5 21	14 14.65	− 9 32.0	3.316	4.250	5.9	19.1
5 31	14 10.43	− 9 2.7	3.401	4.260	8.1	19.3

303678 2005 MH_{54} 4 29.2 204°.47 5°.4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.18	+ 5 15.6	3.177	3.981	9.5	21.6
4 1	14 44.83	+ 6 13.8	3.096	3.975	7.8	21.5
4 11	14 39.15	+ 7 8.8	3.040	3.969	6.2	21.4
4 21	14 32.54	+ 7 56.5	3.011	3.962	5.4	21.3
5 1	14 25.48	+ 8 33.1	3.011	3.955	5.9	21.3
5 11	14 18.55	+ 8 56.0	3.039	3.947	7.3	21.4
5 21	14 12.26	+ 9 3.7	3.092	3.938	9.1	21.5
5 31	14 7.05	+ 8 56.2	3.168	3.929	10.9	21.7

33667 Uttripathii 4 29.2 291°.55 4°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.09	− 4 3.3	2.149	2.974	12.7	18.7
4 1	14 45.51	− 3 13.5	2.059	2.962	9.9	18.5
4 11	14 40.00	− 2 21.4	1.992	2.950	7.0	18.3
4 21	14 33.04	− 1 31.5	1.952	2.937	4.7	18.1
5 1	14 25.36	− 0 49.0	1.938	2.925	4.9	18.1
5 11	14 17.81	− 0 18.7	1.952	2.913	7.5	18.2
5 21	14 11.16	− 0 3.4	1.991	2.901	10.6	18.4
5 31	14 6.07	− 0 4.9	2.052	2.889	13.5	18.5

434712 2006 DN_{17} 4 29.2 155°.79 0°.1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.55	−15 46.8	2.078	2.879	13.9	22.2
4 1	14 49.04	−15 38.0	1.993	2.882	10.9	22.0
4 11	14 42.37	−15 20.5	1.930	2.886	7.4	21.8
4 21	14 34.13	−14 55.6	1.893	2.889	3.4	21.5
5 1	14 25.13	−14 26.3	1.884	2.891	0.7	21.3
5 11	14 16.36	−13 56.5	1.903	2.894	4.8	21.6
5 21	14 8.68	−13 30.3	1.950	2.896	8.7	21.9
5 31	14 2.78	−13 11.5	2.020	2.898	12.0	22.1

166268 2002 GQ_{89} 4 29.2 98°.98 0°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.02	−17 10.9	1.609	2.416	17.0	20.8
4 1	14 52.15	−16 55.5	1.543	2.435	13.3	20.5
4 11	14 44.60	−16 27.6	1.498	2.454	9.0	20.3
4 21	14 35.15	−15 49.3	1.477	2.472	4.2	20.1
5 1	14 24.93	−15 4.8	1.483	2.490	0.8	19.9
5 11	14 15.21	−14 19.8	1.516	2.507	5.6	20.3
5 21	14 7.05	−13 40.3	1.574	2.524	10.1	20.5
5 31	14 1.21	−13 11.0	1.656	2.541	13.9	20.8

122588 2000 RE_{27} 4 29.2 181°.22 5°.4/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.40	−32 19.4	2.397	3.120	14.4	21.0
4 1	14 51.35	−32 46.2	2.300	3.121	12.2	20.8
4 11	14 44.00	−32 56.8	2.224	3.122	9.7	20.6
4 21	14 34.92	−32 48.8	2.171	3.122	7.2	20.5
5 1	14 24.96	−32 21.8	2.145	3.121	5.5	20.4
5 11	14 15.17	−31 38.3	2.147	3.120	6.0	20.4
5 21	14 6.48	−30 43.1	2.177	3.118	8.2	20.5
5 31	13 59.65	−29 42.5	2.231	3.116	10.8	20.7

131699 2001 YA 4 29.2 25°.17 1°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.16	−14 41.2	1.235	2.077	19.2	19.8
4 1	14 48.45	−14 8.0	1.168	2.081	15.0	19.6
4 11	14 42.59	−13 20.5	1.119	2.085	10.0	19.3
4 21	14 34.39	−12 23.0	1.092	2.090	4.5	19.0
5 1	14 25.10	−11 22.3	1.090	2.096	2.0	18.8
5 11	14 16.24	−10 26.8	1.111	2.102	7.4	19.2
5 21	14 9.10	− 9 44.0	1.156	2.109	12.5	19.5
5 31	14 4.61	− 9 18.8	1.220	2.116	17.0	19.8

384157 2009 AV_{26} 4 29.2 157°.12 0°.5/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.27	−17 24.4	2.144	2.943	13.6	21.6
4 1	14 47.25	−17 13.8	2.056	2.944	10.7	21.4
4 11	14 41.17	−16 53.3	1.990	2.944	7.3	21.2
4 21	14 33.58	−16 24.4	1.950	2.945	3.5	20.9
5 1	14 25.27	−15 49.6	1.938	2.945	0.7	20.7
5 11	14 17.15	−15 13.2	1.954	2.946	4.6	21.0
5 21	14 10.05	−14 39.4	1.997	2.946	8.3	21.2
5 31	14 4.64	−14 12.3	2.064	2.946	11.6	21.4

500497 2012 TB_{269} 4 29.2 186°.99 1°.7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.82	−11 12.2	2.493	3.298	11.7	23.0
4 1	14 46.51	−10 35.3	2.404	3.298	9.1	22.8
4 11	14 40.48	− 9 52.3	2.339	3.297	6.0	22.6
4 21	14 33.21	− 9 6.1	2.301	3.296	2.9	22.4
5 1	14 25.36	− 8 20.5	2.292	3.294	2.1	22.3
5 11	14 17.68	− 7 39.6	2.312	3.292	5.1	22.5
5 21	14 10.86	− 7 6.7	2.360	3.290	8.2	22.7
5 31	14 5.45	− 6 44.5	2.432	3.287	11.1	22.9

373476 2000 SO_{189} 4 29.2 206°.14 1°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.83	−14 30.4	2.581	3.375	11.7	22.2
4 1	14 47.29	−13 39.4	2.481	3.369	9.1	22.0
4 11	14 41.01	−12 39.2	2.405	3.361	6.0	21.8
4 21	14 33.46	−11 32.5	2.357	3.353	2.8	21.6
5 1	14 25.31	−10 23.5	2.340	3.344	1.5	21.5
5 11	14 17.30	− 9 16.9	2.352	3.335	4.7	21.7
5 21	14 10.12	− 8 17.4	2.393	3.325	8.0	21.9
5 31	14 4.35	− 7 28.7	2.459	3.313	11.0	22.0

233756 2008 TQ_{24} 4 29.2 86°.57 0°.3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.63	−17 22.1	1.928	2.733	14.7	20.8
4 1	14 47.75	−17 6.0	1.843	2.735	11.6	20.6
4 11	14 41.62	−16 38.7	1.781	2.737	7.8	20.4
4 21	14 33.82	−16 2.0	1.744	2.739	3.7	20.1
5 1	14 25.24	−15 19.2	1.733	2.741	0.7	19.9
5 11	14 16.90	−14 35.2	1.751	2.743	5.0	20.2
5 21	14 9.70	−13 55.1	1.794	2.744	9.0	20.5
5 31	14 4.37	−13 23.4	1.862	2.746	12.6	20.7

238496 2004 RZ_{345} 4 29.2 302°.92 6°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.36	− 6 8.6	1.271	2.125	18.0	20.4
4 1	14 47.38	− 4 48.6	1.174	2.094	14.3	20.1
4 11	14 42.25	− 3 16.6	1.097	2.063	10.2	19.7
4 21	14 34.46	− 1 40.4	1.042	2.032	6.9	19.4
5 1	14 25.05	− 0 11.4	1.011	2.001	7.5	19.4
5 11	14 15.50	+ 0 58.7	1.003	1.971	11.8	19.5
5 21	14 7.29	+ 1 41.2	1.016	1.941	16.8	19.7
5 31	14 1.65	+ 1 51.8	1.046	1.911	21.5	19.9

521205 2015 FZ_{413} 4 29.2 2°.27 4°.2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.43	− 6 32.6	1.954	2.785	13.5	21.3
4 1	14 44.33	− 5 25.3	1.877	2.785	10.5	21.1
4 11	14 39.23	− 4 13.0	1.824	2.785	7.2	20.9
4 21	14 32.69	− 3 1.4	1.796	2.785	4.6	20.7
5 1	14 25.49	− 1 56.6	1.795	2.786	4.8	20.7
5 11	14 18.54	− 1 4.6	1.822	2.787	7.6	20.9
5 21	14 12.61	− 0 29.3	1.873	2.788	10.9	21.1
5 31	14 8.33	− 0 12.6	1.946	2.789	13.9	21.3

370106 2001 TT_{156} 4 29.2 218°.18 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.77	−14 16.1	2.278	3.079	12.9	23.6
4 1	14 48.31	−13 35.0	2.179	3.069	10.0	23.4
4 11	14 41.86	−12 44.2	2.102	3.059	6.7	23.1
4 21	14 33.91	−11 46.6	2.053	3.049	3.1	22.9
5 1	14 25.22	−10 46.2	2.032	3.037	1.6	22.8
5 11	14 16.66	− 9 48.2	2.041	3.025	5.2	23.0
5 21	14 9.03	− 8 57.3	2.077	3.012	8.8	23.2
5 31	14 3.00	− 8 17.6	2.137	2.999	12.1	23.4

129471 1993 OL_{8} 4 29.2 304°.65 7°.9/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.19	+ 2 40.7	1.753	2.587	14.7	19.5
4 1	14 46.95	+ 3 50.7	1.662	2.563	12.0	19.3
4 11	14 41.30	+ 4 59.4	1.593	2.539	9.4	19.1
4 21	14 33.79	+ 5 59.2	1.548	2.515	7.9	18.9
5 1	14 25.25	+ 6 42.4	1.528	2.491	8.7	18.9
5 11	14 16.76	+ 7 2.8	1.532	2.468	11.2	19.0
5 21	14 9.34	+ 6 57.5	1.560	2.445	14.4	19.1
5 31	14 3.83	+ 6 26.6	1.606	2.422	17.6	19.3

187755 1996 HN_{17} 4 29.2 314°.80 0°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.39	−12 10.8	4.151	4.948	7.6	20.0
4 1	14 40.16	−11 55.1	4.052	4.942	5.8	19.9
4 11	14 35.96	−11 36.0	3.979	4.936	3.8	19.7
4 21	14 31.07	−11 14.9	3.934	4.930	1.8	19.6
5 1	14 25.86	−10 53.4	3.919	4.924	0.9	19.5
5 11	14 20.72	−10 33.5	3.934	4.918	2.9	19.6
5 21	14 16.02	−10 16.8	3.977	4.912	5.0	19.8
5 31	14 12.08	−10 4.9	4.046	4.906	6.9	19.9

381922 2010 CE_{85} 4 29.2 111°.56 3°.4/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.04	−25 10.2	2.163	2.928	14.6	21.3
4 1	14 50.25	−25 30.5	2.080	2.939	11.9	21.2
4 11	14 43.22	−25 37.1	2.019	2.950	8.7	21.0
4 21	14 34.55	−25 29.3	1.983	2.961	5.5	20.8
5 1	14 25.11	−25 7.9	1.974	2.971	3.5	20.7
5 11	14 15.94	−24 36.1	1.994	2.982	4.9	20.8
5 21	14 7.92	−23 58.5	2.040	2.992	8.0	21.0
5 31	14 1.77	−23 20.6	2.112	3.001	11.1	21.2

455151 1995 UF_{56} 4 29.2 240°.47 1°.0/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.86	−18 44.0	1.608	2.414	17.1	22.9
4 1	14 51.79	−18 34.5	1.512	2.403	13.7	22.6
4 11	14 44.80	−18 10.7	1.437	2.391	9.5	22.3
4 21	14 35.48	−17 33.1	1.384	2.378	4.7	22.0
5 1	14 24.89	−16 44.8	1.358	2.365	1.1	21.7
5 11	14 14.38	−15 51.8	1.359	2.352	6.0	22.0
5 21	14 5.24	−15 0.9	1.385	2.338	10.9	22.2
5 31	13 58.47	−14 19.0	1.433	2.323	15.3	22.5

41365 2000 AO_{98} 4 29.2 219°.54 1°.9/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.07	− 7 38.6	3.948	4.751	7.8	19.5
4 1	14 41.47	− 7 2.2	3.850	4.743	6.0	19.4
4 11	14 36.85	− 6 23.3	3.778	4.735	4.0	19.2
4 21	14 31.49	− 5 44.0	3.735	4.726	2.3	19.1
5 1	14 25.79	− 5 6.8	3.722	4.717	2.2	19.1
5 11	14 20.18	− 4 34.1	3.739	4.708	3.9	19.2
5 21	14 15.03	− 4 7.8	3.784	4.699	5.9	19.3
5 31	14 10.69	− 3 49.4	3.856	4.689	7.8	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
51649 2001 HB_{64}			4 29.2 294.°76		0.°5/29.5 18	
	h m	° ′			°	m
3 22	14 52.02	−17 12.9	1.567	2.385	16.9	19.9
4 1	14 48.91	−17 4.8	1.467	2.366	13.5	19.6
4 11	14 42.95	−16 43.4	1.387	2.346	9.3	19.3
4 21	14 34.68	−16 10.0	1.330	2.326	4.5	18.9
5 1	14 25.07	−15 27.6	1.299	2.306	0.9	18.6
5 11	14 15.44	−14 42.1	1.293	2.286	6.1	18.9
5 21	14 7.07	−14 0.0	1.312	2.267	11.2	19.2
5 31	14 1.01	−13 27.7	1.353	2.247	15.7	19.4
400360 2007 VY_{180}			4 29.2 212.°96		0.°3/28.8 18	
3 22	14 46.03	−14 12.5	4.090	4.877	7.8	22.1
4 1	14 42.20	−13 56.6	3.987	4.870	6.1	21.9
4 11	14 37.33	−13 36.3	3.910	4.863	4.0	21.8
4 21	14 31.72	−13 12.9	3.860	4.856	1.8	21.6
5 1	14 25.75	−12 47.9	3.842	4.848	0.6	21.5
5 11	14 19.85	−12 23.5	3.853	4.840	2.8	21.6
5 21	14 14.42	−12 1.5	3.894	4.832	5.0	21.8
5 31	14 9.80	−11 43.8	3.962	4.823	7.0	21.9
72042 Dequeiroz			4 29.2 56.°33		0.°7/29.7 18	
3 22	14 53.71	−18 17.4	1.367	2.190	18.7	18.6
4 1	14 50.10	−18 3.5	1.304	2.204	14.7	18.4
4 11	14 43.51	−17 34.4	1.259	2.218	10.0	18.2
4 21	14 34.76	−16 52.0	1.238	2.233	4.8	17.9
5 1	14 25.10	−16 1.3	1.241	2.248	1.0	17.7
5 11	14 15.95	−15 9.2	1.270	2.263	6.1	18.1
5 21	14 8.51	−14 22.9	1.322	2.279	10.9	18.4
5 31	14 3.60	−13 48.3	1.397	2.295	15.1	18.7
313918 2004 QC_{22}			4 29.2 268.°53		9.°4/ 9.8 18	
3 22	14 57.12	−49 18.6	2.922	3.516	14.3	21.2
4 1	14 52.32	−50 2.7	2.801	3.493	13.2	21.0
4 11	14 44.93	−50 27.3	2.696	3.470	11.9	20.9
4 21	14 35.49	−50 28.1	2.610	3.446	10.7	20.7
5 1	14 24.90	−50 2.0	2.547	3.421	9.7	20.6
5 11	14 14.34	−49 8.9	2.508	3.397	9.4	20.6
5 21	14 4.91	−47 52.0	2.493	3.372	9.9	20.6
5 31	13 57.53	−46 17.6	2.502	3.346	11.1	20.6
106301 2000 UJ_{86}			4 29.2 178.°69		1.°4/27.9 18	
3 22	14 50.54	−11 19.2	2.542	3.347	11.6	19.7
4 1	14 46.29	−10 59.9	2.454	3.347	8.9	19.5
4 11	14 40.34	−10 35.6	2.389	3.348	5.9	19.3
4 21	14 33.18	−10 8.4	2.352	3.348	2.8	19.1
5 1	14 25.44	− 9 41.4	2.344	3.348	1.7	19.0
5 11	14 17.86	− 9 17.8	2.364	3.348	4.7	19.2
5 21	14 11.11	− 9 0.5	2.412	3.347	7.8	19.4
5 31	14 5.75	− 8 51.6	2.485	3.347	10.6	19.6
344526 2002 TD_{110}			4 29.2 238.°93		3.°2/26.3 17	
3 22	14 52.58	− 5 22.2	2.604	3.411	11.3	21.2
4 1	14 47.90	− 4 51.3	2.502	3.395	8.8	21.0
4 11	14 41.47	− 4 18.2	2.424	3.379	6.1	20.8
4 21	14 33.73	− 3 46.2	2.374	3.362	3.7	20.7
5 1	14 25.31	− 3 18.8	2.353	3.345	3.6	20.6
5 11	14 16.95	− 2 59.4	2.361	3.327	6.0	20.7
5 21	14 9.35	− 2 50.5	2.396	3.309	8.9	20.9
5 31	14 3.12	− 2 53.6	2.456	3.290	11.6	21.0
64555 2001 WA_{22}			4 29.2 47.°39		5.°3/24.8 18	
3 22	14 48.94	− 7 1.1	1.539	2.381	16.0	19.1
4 1	14 45.91	− 5 23.1	1.478	2.391	12.4	18.9
4 11	14 40.45	− 3 38.1	1.439	2.402	8.5	18.7
4 21	14 33.29	− 1 54.6	1.424	2.413	5.6	18.5
5 1	14 25.43	− 0 21.9	1.436	2.424	6.1	18.6
5 11	14 18.00	+ 0 51.5	1.474	2.435	9.3	18.8
5 21	14 11.92	+ 1 41.1	1.534	2.447	13.0	19.0
5 31	14 7.89	+ 2 5.1	1.616	2.459	16.2	19.3
488644 2003 HY_{56}			4 29.2 302.°12		0.°0/29.3 17	
3 22	14 29.60	−14 54.9	41.088	41.874	0.8	24.2
4 1	14 28.96	−14 51.9	40.990	41.873	0.6	24.2
4 11	14 28.25	−14 48.6	40.919	41.872	0.4	24.2
4 21	14 27.48	−14 45.0	40.876	41.871	0.2	24.1
5 1	14 26.69	−14 41.2	40.863	41.870	0.0	24.1
5 11	14 25.90	−14 37.5	40.879	41.869	0.3	24.1
5 21	14 25.15	−14 33.9	40.924	41.868	0.5	24.2
5 31	14 24.46	−14 30.6	40.997	41.867	0.7	24.2
346059 2007 UL_{55}			4 29.2 169.°57		0.°6/29.8 17	
3 22	14 49.34	−20 1.9	2.179	2.973	13.6	21.0
4 1	14 45.73	−19 23.1	2.089	2.974	10.7	20.8
4 11	14 40.14	−18 30.9	2.022	2.974	7.3	20.6
4 21	14 33.13	−17 27.2	1.981	2.974	3.6	20.4
5 1	14 25.46	−16 16.0	1.967	2.974	0.8	20.2
5 11	14 18.02	−15 3.0	1.983	2.975	4.5	20.4
5 21	14 11.58	−13 53.9	2.025	2.975	8.2	20.7
5 31	14 6.77	−12 53.8	2.093	2.975	11.5	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
56962 2000 SW_{65}			4 29.2 252.°96		1.°9/25.8 18	
	h m	° ′			°	m
3 22	14 41.73	− 6 4.3	4.645	5.453	6.6	19.8
4 1	14 38.77	− 5 25.7	4.552	5.447	5.1	19.7
4 11	14 34.99	− 4 45.6	4.486	5.442	3.5	19.6
4 21	14 30.63	− 4 6.0	4.448	5.436	2.1	19.5
5 1	14 26.01	− 3 28.9	4.440	5.431	2.2	19.5
5 11	14 21.46	− 2 56.3	4.462	5.425	3.6	19.6
5 21	14 17.30	− 2 29.8	4.512	5.419	5.2	19.7
5 31	14 13.78	− 2 10.6	4.588	5.413	6.8	19.8
379437 2010 CD_{53}			4 29.2 212.°29		7.°8/23.1 17	
3 22	14 53.09	+ 4 53.4	1.929	2.750	14.1	20.5
4 1	14 48.74	+ 5 57.2	1.857	2.748	11.5	20.3
4 11	14 42.20	+ 6 56.0	1.808	2.746	9.1	20.2
4 21	14 34.10	+ 7 43.2	1.784	2.743	7.8	20.1
5 1	14 25.27	+ 8 12.4	1.786	2.740	8.4	20.1
5 11	14 16.71	+ 8 19.8	1.813	2.738	10.5	20.2
5 21	14 9.27	+ 8 4.2	1.864	2.735	13.1	20.4
5 31	14 3.65	+ 7 26.8	1.935	2.732	15.7	20.6
417754 2007 DV_{45}			4 29.2 98.°09		7.°2/ 4.8 17	
3 22	14 56.72	−34 3.6	1.842	2.577	17.8	21.8
4 1	14 52.28	−34 43.6	1.762	2.587	15.2	21.6
4 11	14 44.97	−35 2.5	1.701	2.597	12.2	21.5
4 21	14 35.48	−34 56.8	1.661	2.608	9.3	21.3
5 1	14 24.97	−34 25.6	1.646	2.618	7.4	21.2
5 11	14 14.78	−33 32.3	1.657	2.628	7.7	21.2
5 21	14 6.12	−32 23.7	1.693	2.638	9.9	21.4
5 31	13 59.89	−31 8.7	1.753	2.647	12.7	21.6
355556 2008 CX_{11}			4 29.2 134.°11		5.°5/22.8 18	
3 22	14 49.68	+ 4 3.1	2.889	3.697	10.2	21.8
4 1	14 45.26	+ 5 6.3	2.827	3.711	8.3	21.7
4 11	14 39.45	+ 6 6.0	2.790	3.723	6.5	21.6
4 21	14 32.71	+ 6 57.8	2.780	3.736	5.5	21.5
5 1	14 25.59	+ 7 37.7	2.799	3.748	6.0	21.6
5 11	14 18.70	+ 8 3.1	2.845	3.759	7.5	21.7
5 21	14 12.56	+ 8 12.5	2.916	3.770	9.4	21.8
5 31	14 7.63	+ 8 6.2	3.010	3.781	11.2	22.0
261930 Moorhead			4 29.2 214.°22		1.°0/29.9 16	
3 22	14 55.33	−19 18.6	1.886	2.680	15.4	21.8
4 1	14 50.85	−19 4.4	1.790	2.674	12.3	21.5
4 11	14 43.87	−18 37.0	1.716	2.667	8.5	21.3
4 21	14 34.97	−17 57.1	1.666	2.659	4.2	21.0
5 1	14 25.08	−17 7.8	1.644	2.651	1.1	20.8
5 11	14 15.33	−16 14.3	1.650	2.642	5.2	21.0
5 21	14 6.79	−15 22.5	1.682	2.633	9.5	21.3
5 31	14 0.28	−14 38.3	1.739	2.623	13.4	21.5
138687 2000 SJ_{51}			4 29.2 261.°91		2.°9/ 1.9 18	
3 22	14 50.33	−25 26.7	2.354	3.122	13.5	20.4
4 1	14 46.54	−25 23.5	2.254	3.115	11.0	20.2
4 11	14 40.75	−25 6.2	2.175	3.108	8.1	20.0
4 21	14 33.46	−24 34.7	2.121	3.101	5.0	19.8
5 1	14 25.42	−23 50.4	2.095	3.094	2.9	19.7
5 11	14 17.51	−22 57.1	2.097	3.087	4.5	19.7
5 21	14 10.54	−21 59.7	2.126	3.080	7.6	19.9
5 31	14 5.18	−21 3.7	2.181	3.073	10.7	20.1
160360 2003 XU_{12}			4 29.2 255.°48		6.°7/ 4.3 18	
3 22	14 57.51	−34 38.5	2.468	3.174	14.4	20.0
4 1	14 52.56	−35 29.2	2.351	3.155	12.5	19.8
4 11	14 45.10	−36 5.0	2.254	3.135	10.3	19.6
4 21	14 35.62	−36 22.3	2.180	3.114	8.2	19.4
5 1	14 24.92	−36 18.6	2.133	3.093	6.8	19.3
5 11	14 14.09	−35 54.7	2.112	3.071	7.1	19.3
5 21	14 4.21	−35 14.1	2.119	3.049	9.0	19.4
5 31	13 56.21	−34 22.7	2.150	3.027	11.4	19.5
203347 2001 UV_{148}			4 29.2 194.°88		2.°0/27.9 18	
3 22	14 56.64	−11 20.2	1.690	2.506	16.0	21.1
4 1	14 51.98	−10 55.1	1.605	2.505	12.5	20.9
4 11	14 44.66	−10 22.1	1.542	2.503	8.4	20.6
4 21	14 35.34	− 9 44.6	1.504	2.500	4.0	20.3
5 1	14 25.02	− 9 7.2	1.493	2.497	2.5	20.2
5 11	14 14.93	− 8 35.3	1.509	2.493	6.7	20.5
5 21	14 6.17	− 8 13.7	1.551	2.489	11.1	20.7
5 31	13 59.62	− 8 5.5	1.615	2.485	15.0	20.9
500698 2012 VQ_{109}			4 29.2 140.°90		9.°2/18.7 18	
3 22	14 53.08	+20 9.2	2.857	3.622	11.4	21.9
4 1	14 47.93	+21 9.5	2.809	3.631	10.2	21.8
4 11	14 41.24	+21 57.0	2.784	3.639	9.4	21.8
4 21	14 33.53	+22 26.8	2.783	3.648	9.2	21.7
5 1	14 25.44	+22 35.2	2.806	3.656	9.7	21.8
5 11	14 17.64	+22 21.1	2.853	3.663	10.7	21.9
5 21	14 10.73	+21 45.1	2.922	3.670	11.9	22.0
5 31	14 5.17	+20 49.7	3.011	3.677	13.2	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
367778 2010 XH_{52}			4 29.2 114°.10		8°.5/22.2 18	
	h m	° ′			°	m
3 22	14 53.83	+ 6 16.5	1.888	2.708	14.4	20.8
4 1	14 49.16	+ 7 41.6	1.836	2.722	11.8	20.6
4 11	14 42.37	+ 8 59.9	1.806	2.736	9.6	20.5
4 21	14 34.12	+10 3.8	1.801	2.750	8.5	20.5
5 1	14 25.32	+10 46.9	1.822	2.763	9.2	20.5
5 11	14 16.93	+11 5.4	1.868	2.776	11.1	20.7
5 21	14 9.78	+10 58.7	1.937	2.789	13.5	20.8
5 31	14 4.47	+10 28.7	2.025	2.801	15.8	21.0
387321 2012 VQ_{72}			4 29.2 139°.82		1°.6/27.8 17	
3 22	14 50.81	−11 13.5	2.362	3.170	12.2	21.3
4 1	14 46.61	−10 47.0	2.279	3.174	9.5	21.1
4 11	14 40.61	−10 14.8	2.220	3.179	6.3	20.9
4 21	14 33.34	− 9 39.7	2.187	3.183	3.0	20.7
5 1	14 25.48	− 9 5.2	2.183	3.187	2.0	20.6
5 11	14 17.82	− 8 35.1	2.208	3.190	5.1	20.9
5 21	14 11.08	− 8 12.4	2.260	3.194	8.3	21.1
5 31	14 5.82	− 7 59.7	2.336	3.197	11.2	21.3
424052 2007 BT_{55}			4 29.2 135°.02		1°.1/30.1 17	
3 22	14 55.53	−19 0.7	2.014	2.804	14.7	21.7
4 1	14 50.66	−18 56.7	1.933	2.814	11.6	21.5
4 11	14 43.52	−18 41.3	1.875	2.824	8.0	21.3
4 21	14 34.72	−18 15.5	1.841	2.834	4.0	21.1
5 1	14 25.18	−17 41.9	1.836	2.843	1.2	20.9
5 11	14 15.93	−17 4.6	1.859	2.851	4.7	21.1
5 21	14 7.88	−16 28.5	1.909	2.859	8.6	21.4
5 31	14 1.75	−15 58.1	1.984	2.866	12.0	21.6
320656 2008 CN_{145}			4 29.2 3°.35		1°.1/29.9 17	
3 22	14 47.73	−18 21.0	1.186	2.028	19.8	20.4
4 1	14 46.07	−18 18.2	1.116	2.027	15.7	20.1
4 11	14 41.22	−17 58.7	1.063	2.026	10.8	19.8
4 21	14 33.89	−17 24.0	1.032	2.028	5.3	19.5
5 1	14 25.35	−16 38.7	1.023	2.030	1.3	19.3
5 11	14 17.14	−15 50.2	1.037	2.034	6.6	19.6
5 21	14 10.64	−15 6.5	1.074	2.039	11.9	19.9
5 31	14 6.84	−14 34.5	1.131	2.045	16.6	20.2
375751 2009 SU_{42}			4 29.2 110°.98		0°.7/29.8 17	
3 22	14 52.49	−19 57.1	1.983	2.777	14.7	21.5
4 1	14 48.26	−19 20.3	1.906	2.790	11.6	21.3
4 11	14 41.86	−18 29.5	1.852	2.803	7.9	21.1
4 21	14 33.93	−17 27.0	1.822	2.816	3.8	20.9
5 1	14 25.37	−16 17.3	1.821	2.828	0.8	20.7
5 11	14 17.16	−15 6.2	1.848	2.840	4.8	21.0
5 21	14 10.15	−14 0.0	1.902	2.851	8.6	21.3
5 31	14 4.99	−13 3.8	1.981	2.863	12.1	21.5
252202 2001 FM_{95}			4 29.3 3°.77		1°.1/28.8 16	
3 22	14 53.07	−11 19.6	1.170	2.017	19.7	19.3
4 1	14 50.26	−11 40.6	1.100	2.016	15.4	19.0
4 11	14 44.07	−11 55.8	1.049	2.016	10.4	18.7
4 21	14 35.24	−12 7.1	1.019	2.017	4.8	18.4
5 1	14 25.07	−12 17.3	1.013	2.019	1.7	18.2
5 11	14 15.21	−12 30.3	1.030	2.023	7.3	18.5
5 21	14 7.15	−12 49.6	1.069	2.028	12.7	18.8
5 31	14 1.95	−13 18.0	1.128	2.033	17.4	19.1
246137 2007 OC			4 29.3 258°.52		1°.2/30.1 16	
3 22	14 54.40	−20 19.0	1.688	2.489	16.6	21.6
4 1	14 50.63	−19 58.1	1.583	2.470	13.4	21.3
4 11	14 44.05	−19 20.3	1.498	2.450	9.4	21.0
4 21	14 35.20	−18 26.4	1.437	2.430	4.8	20.7
5 1	14 25.06	−17 19.5	1.402	2.409	1.3	20.4
5 11	14 14.93	−16 6.1	1.394	2.387	5.8	20.7
5 21	14 6.03	−14 54.2	1.412	2.365	10.7	20.9
5 31	13 59.39	−13 51.5	1.453	2.342	15.2	21.1
276137 2002 GO_{164}			4 29.3 353°.87		0°.9/28.7 17	
3 22	14 52.27	−13 4.7	1.640	2.463	16.0	20.2
4 1	14 48.69	−13 2.6	1.558	2.461	12.6	20.0
4 11	14 42.52	−12 52.7	1.497	2.459	8.4	19.7
4 21	14 34.38	−12 37.2	1.460	2.457	3.9	19.4
5 1	14 25.26	−12 19.4	1.450	2.456	1.4	19.2
5 11	14 16.36	−12 3.6	1.465	2.455	6.0	19.5
5 21	14 8.75	−11 54.0	1.505	2.455	10.4	19.8
5 31	14 3.28	−11 54.2	1.568	2.456	14.4	20.0
265880 2006 AT_{7}			4 29.3 71°.96		0°.9/29.7 18	
3 22	15 4.71	−14 2.1	1.817	2.607	16.0	19.9
4 1	14 57.95	−14 56.6	1.746	2.628	12.6	19.8
4 11	14 48.48	−15 46.1	1.698	2.649	8.6	19.6
4 21	14 37.04	−16 29.5	1.676	2.670	4.1	19.3
5 1	14 24.72	−17 6.3	1.684	2.691	1.1	19.1
5 11	14 12.80	−17 37.7	1.721	2.711	5.2	19.5
5 21	14 2.39	−18 5.7	1.785	2.732	9.3	19.8
5 31	13 54.31	−18 33.2	1.875	2.752	12.8	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
371204 2006 AN_{7}			4 29.3 180°.40		9°.9/ 9.6 17	
	h m	° ′			°	m
3 22	15 7.50	−50 14.2	2.946	3.515	14.6	22.3
4 1	15 0.57	−51 30.1	2.848	3.517	13.5	22.2
4 11	14 50.61	−52 27.1	2.767	3.518	12.2	22.1
4 21	14 38.21	−52 59.9	2.706	3.518	11.0	22.0
5 1	14 24.42	−53 4.7	2.669	3.517	10.2	21.9
5 11	14 10.64	−52 40.9	2.655	3.516	9.9	21.9
5 21	13 58.20	−51 51.8	2.666	3.514	10.4	21.9
5 31	13 48.17	−50 43.8	2.700	3.511	11.4	22.0
520202 2014 DK_{150}			4 29.3 221°.74		6°.0/23.7 18	
3 22	14 49.95	+ 2 23.9	2.313	3.133	12.1	21.0
4 1	14 45.95	+ 3 19.7	2.239	3.132	9.7	20.9
4 11	14 40.18	+ 4 12.6	2.188	3.131	7.4	20.7
4 21	14 33.15	+ 4 57.7	2.163	3.130	6.1	20.6
5 1	14 25.55	+ 5 30.0	2.166	3.129	6.5	20.7
5 11	14 18.16	+ 5 46.0	2.195	3.127	8.5	20.8
5 21	14 11.66	+ 5 44.2	2.248	3.126	10.9	20.9
5 31	14 6.63	+ 5 24.6	2.324	3.125	13.2	21.1
12472 Samadhi			4 29.3 240°.42		0°.5/29.6 17	
3 22	14 55.10	−17 6.4	1.796	2.600	15.7	20.8
4 1	14 50.85	−17 0.4	1.700	2.590	12.4	20.6
4 11	14 43.99	−16 43.1	1.625	2.580	8.5	20.3
4 21	14 35.10	−16 15.6	1.574	2.569	4.1	20.0
5 1	14 25.11	−15 40.6	1.551	2.558	0.8	19.7
5 11	14 15.22	−15 3.0	1.554	2.546	5.5	20.0
5 21	14 6.53	−14 28.0	1.584	2.535	10.0	20.3
5 31	13 59.95	−14 0.9	1.638	2.522	14.0	20.5
358982 2008 SO_{118}			4 29.3 187°.03		1°.7/30.3 16	
3 22	14 59.23	−19 36.8	1.795	2.584	16.2	22.4
4 1	14 54.03	−19 44.3	1.705	2.584	13.0	22.2
4 11	14 46.10	−19 39.5	1.636	2.584	9.1	21.9
4 21	14 36.05	−19 22.2	1.591	2.582	4.7	21.7
5 1	14 24.93	−18 54.3	1.574	2.580	1.7	21.5
5 11	14 13.99	−18 19.9	1.585	2.577	5.4	21.7
5 21	14 4.40	−17 44.6	1.622	2.573	9.7	21.9
5 31	13 57.07	−17 14.0	1.684	2.569	13.7	22.2
294348 2007 VV_{91}			4 29.3 227°.95		1°.9/ 1.1 17	
3 22	14 50.15	−23 24.7	2.299	3.076	13.5	21.0
4 1	14 46.37	−23 1.0	2.202	3.072	10.8	20.8
4 11	14 40.62	−22 22.7	2.126	3.068	7.7	20.6
4 21	14 33.41	−21 30.8	2.077	3.064	4.3	20.4
5 1	14 25.50	−20 28.1	2.055	3.059	1.9	20.2
5 11	14 17.77	−19 19.3	2.062	3.054	4.3	20.4
5 21	14 11.01	−18 9.9	2.096	3.049	7.7	20.6
5 31	14 5.86	−17 5.7	2.156	3.044	10.9	20.8
469366 2001 PH_{13}			4 29.3 248°.57		3°.4/25.0 16	
3 22	14 51.03	− 3 24.6	3.319	4.119	9.2	24.4
4 1	14 46.37	− 2 33.6	3.204	4.093	7.2	24.2
4 11	14 40.31	− 1 40.5	3.116	4.065	5.2	24.0
4 21	14 33.21	− 0 48.5	3.056	4.037	3.6	23.9
5 1	14 25.55	− 0 1.3	3.027	4.008	3.8	23.9
5 11	14 17.91	+ 0 38.0	3.028	3.978	5.7	24.0
5 21	14 10.80	+ 1 6.7	3.057	3.947	7.9	24.1
5 31	14 4.73	+ 1 23.2	3.111	3.916	10.1	24.2
270557 2002 GS_{183}			4 29.3 337°.56		0°.4/29.0 17	
3 22	14 52.90	−14 39.2	1.865	2.677	14.9	21.0
4 1	14 48.87	−14 32.6	1.780	2.676	11.7	20.8
4 11	14 42.48	−14 17.4	1.717	2.675	7.9	20.6
4 21	14 34.33	−13 55.4	1.678	2.674	3.6	20.3
5 1	14 25.32	−13 29.6	1.666	2.673	1.0	20.1
5 11	14 16.50	−13 4.4	1.682	2.673	5.3	20.4
5 21	14 8.85	−12 43.8	1.724	2.672	9.5	20.6
5 31	14 3.14	−12 31.8	1.790	2.672	13.1	20.9
201168 2002 NL_{50}			4 29.3 306°.95		4°.3/26.6 17	
3 22	14 53.08	− 4 14.9	1.810	2.636	14.6	19.6
4 1	14 49.10	− 3 53.5	1.720	2.623	11.5	19.4
4 11	14 42.71	− 3 31.3	1.652	2.611	8.1	19.1
4 21	14 34.48	− 3 12.5	1.609	2.598	5.0	18.9
5 1	14 25.28	− 3 1.6	1.592	2.586	4.7	18.9
5 11	14 16.19	− 3 2.7	1.602	2.573	7.8	19.0
5 21	14 8.22	− 3 18.1	1.637	2.562	11.5	19.2
5 31	14 2.17	− 3 48.8	1.694	2.550	15.0	19.4
152427 2005 UM_{397}			4 29.3 335°.44		2°.1/27.4 18	
3 22	14 48.34	−15 26.3	1.616	2.443	16.1	19.4
4 1	14 45.61	−14 4.6	1.533	2.440	12.5	19.1
4 11	14 40.41	−12 26.3	1.472	2.436	8.3	18.8
4 21	14 33.39	−10 37.0	1.436	2.433	3.8	18.6
5 1	14 25.52	− 8 44.9	1.426	2.430	2.7	18.5
5 11	14 17.93	− 7 0.1	1.444	2.427	7.0	18.7
5 21	14 11.62	− 5 31.0	1.487	2.425	11.5	19.0
5 31	14 7.34	− 4 23.3	1.551	2.423	15.3	19.2

157255 2004 RF_{155} 4 29.3 141°.32 0°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.01	−18 43.3	2.057	2.852	14.3	20.8
4 1	14 48.68	−18 26.4	1.974	2.858	11.2	20.7
4 11	14 42.20	−17 57.8	1.912	2.864	7.7	20.4
4 21	14 34.14	−17 19.0	1.876	2.870	3.8	20.2
5 1	14 25.37	−16 33.1	1.868	2.875	0.9	20.0
5 11	14 16.85	−15 45.0	1.888	2.880	4.7	20.3
5 21	14 9.45	−14 59.7	1.935	2.884	8.5	20.5
5 31	14 3.86	−14 21.7	2.006	2.889	11.9	20.7

83190 2001 QU_{323} 4 29.3 293°.51 2°.8/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.52	− 7 7.8	2.108	2.924	13.2	19.2
4 1	14 48.26	− 6 53.2	2.018	2.917	10.3	19.0
4 11	14 41.93	− 6 36.0	1.950	2.910	7.0	18.8
4 21	14 34.05	− 6 19.4	1.909	2.902	3.8	18.6
5 1	14 25.38	− 6 6.7	1.896	2.895	3.2	18.5
5 11	14 16.85	− 6 1.4	1.910	2.888	6.2	18.7
5 21	14 9.30	− 6 5.9	1.951	2.881	9.7	18.9
5 31	14 3.42	− 6 21.7	2.015	2.874	12.9	19.1

510809 2013 BU_{29} 4 29.3 240°.26 3°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.32	− 4 55.7	2.490	3.305	11.5	21.4
4 1	14 46.18	− 4 23.0	2.402	3.299	9.0	21.2
4 11	14 40.34	− 3 48.6	2.337	3.293	6.2	21.0
4 21	14 33.25	− 3 16.1	2.299	3.287	3.8	20.8
5 1	14 25.56	− 2 49.0	2.289	3.280	3.8	20.8
5 11	14 18.01	− 2 30.8	2.308	3.274	6.1	21.0
5 21	14 11.27	− 2 23.8	2.353	3.267	9.0	21.1
5 31	14 5.90	− 2 29.3	2.422	3.260	11.7	21.3

114717 2003 GD_{18} 4 29.3 21°.79 4°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.88	−27 12.9	2.311	3.062	14.2	20.1
4 1	14 51.03	−28 3.0	2.217	3.062	11.7	19.9
4 11	14 43.90	−28 41.0	2.145	3.063	9.0	19.7
4 21	14 35.00	−29 4.7	2.098	3.064	6.3	19.5
5 1	14 25.17	−29 13.1	2.078	3.065	4.7	19.4
5 11	14 15.42	−29 7.6	2.086	3.066	5.6	19.5
5 21	14 6.68	−28 51.7	2.121	3.067	8.1	19.6
5 31	13 59.77	−28 30.2	2.181	3.068	10.9	19.8

373190 2012 DH_{67} 4 29.3 334°.65 5°.3/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.97	− 5 9.6	1.486	2.328	16.5	21.0
4 1	14 47.83	− 4 15.0	1.410	2.323	12.9	20.7
4 11	14 42.01	− 3 16.2	1.356	2.318	9.0	20.5
4 21	14 34.18	− 2 19.7	1.324	2.314	5.8	20.3
5 1	14 25.37	− 1 33.1	1.318	2.310	5.9	20.3
5 11	14 16.81	− 1 2.8	1.337	2.306	9.3	20.5
5 21	14 9.62	− 0 52.9	1.379	2.303	13.3	20.7
5 31	14 4.65	− 1 4.6	1.441	2.300	17.0	20.9

315406 2007 VF_{185} 4 29.3 195°.07 1°.1/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.19	−19 46.6	2.030	2.816	14.7	22.2
4 1	14 51.32	−19 33.8	1.935	2.814	11.7	22.0
4 11	14 44.09	−19 8.4	1.862	2.811	8.1	21.8
4 21	14 35.08	−18 31.0	1.815	2.807	4.1	21.5
5 1	14 25.18	−17 44.5	1.796	2.802	1.2	21.3
5 11	14 15.45	−16 53.4	1.805	2.797	4.9	21.5
5 21	14 6.88	−16 3.4	1.842	2.791	8.9	21.8
5 31	14 0.23	−15 19.9	1.903	2.784	12.5	22.0

264616 2001 UN_{204} 4 29.3 88°.11 1°.9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.74	−21 4.3	1.885	2.671	15.7	21.2
4 1	14 51.62	−21 4.2	1.819	2.696	12.4	21.0
4 11	14 44.13	−20 50.7	1.775	2.720	8.7	20.8
4 21	14 35.00	−20 24.6	1.755	2.744	4.6	20.6
5 1	14 25.22	−19 48.5	1.763	2.768	1.9	20.5
5 11	14 15.90	−19 7.2	1.799	2.792	4.8	20.7
5 21	14 7.97	−18 26.0	1.862	2.814	8.6	21.0
5 31	14 2.10	−17 49.9	1.949	2.837	12.0	21.2

238704 2005 FO_{5} 4 29.3 143°.68 0°.1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.33	−16 1.7	2.221	3.019	13.2	21.2
4 1	14 47.98	−15 47.9	2.136	3.024	10.3	21.0
4 11	14 41.65	−15 25.2	2.073	3.028	7.0	20.8
4 21	14 33.88	−14 55.5	2.037	3.032	3.2	20.6
5 1	14 25.45	−14 21.7	2.029	3.037	0.7	20.4
5 11	14 17.23	−13 47.6	2.050	3.040	4.6	20.7
5 21	14 10.01	−13 17.2	2.098	3.044	8.2	20.9
5 31	14 4.43	−12 54.1	2.171	3.047	11.4	21.1

286948 2002 PC_{169} 4 29.3 165°.83 0°.7/29.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.71	−18 37.6	2.157	2.944	13.9	22.7
4 1	14 50.69	−18 23.0	2.070	2.949	11.0	22.5
4 11	14 43.51	−17 57.3	2.005	2.954	7.5	22.3
4 21	14 34.76	−17 21.6	1.966	2.959	3.7	22.1
5 1	14 25.26	−16 39.0	1.955	2.962	0.9	21.9
5 11	14 16.01	−15 53.6	1.974	2.965	4.6	22.1
5 21	14 7.87	−15 10.4	2.020	2.967	8.4	22.4
5 31	14 1.52	−14 33.9	2.092	2.969	11.7	22.6

519140 2010 MK_{112} 4 29.3 195°.00 6°.8/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.10	+ 6 45.7	2.593	3.404	11.2	21.5
4 1	14 45.11	+ 7 52.4	2.522	3.403	9.2	21.4
4 11	14 39.54	+ 8 54.1	2.476	3.402	7.5	21.3
4 21	14 32.85	+ 9 45.8	2.455	3.401	6.8	21.2
5 1	14 25.67	+10 22.6	2.462	3.399	7.3	21.2
5 11	14 18.68	+10 41.5	2.495	3.397	8.9	21.3
5 21	14 12.49	+10 41.3	2.552	3.396	10.9	21.5
5 31	14 7.60	+10 22.5	2.630	3.394	12.8	21.6

98819 2000 YC_{129} 4 29.3 209°.94 1°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.20	−10 26.2	2.306	3.112	12.6	20.3
4 1	14 48.61	−10 1.9	2.213	3.107	9.8	20.1
4 11	14 42.07	− 9 32.3	2.143	3.101	6.5	19.9
4 21	14 34.09	− 8 59.9	2.100	3.095	3.2	19.7
5 1	14 25.40	− 8 28.3	2.086	3.088	2.2	19.6
5 11	14 16.85	− 8 1.4	2.100	3.081	5.4	19.8
5 21	14 9.21	− 7 42.3	2.142	3.074	8.8	20.0
5 31	14 3.14	− 7 33.7	2.208	3.066	11.9	20.2

133204 2003 QH_{64} 4 29.3 215°.87 1°.3/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.62	−11 34.8	2.358	3.160	12.4	20.0
4 1	14 48.92	−11 22.2	2.262	3.154	9.7	19.8
4 11	14 42.28	−11 4.2	2.190	3.147	6.5	19.6
4 21	14 34.19	−10 42.9	2.145	3.141	3.0	19.3
5 1	14 25.38	−10 21.0	2.128	3.133	1.6	19.2
5 11	14 16.69	−10 2.0	2.141	3.126	5.0	19.4
5 21	14 8.89	− 9 48.9	2.181	3.117	8.4	19.6
5 31	14 2.64	− 9 44.2	2.246	3.109	11.6	19.8

374448 2005 WP_{211} 4 29.3 165°.76 0°.2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.57	−17 27.3	2.288	3.078	13.1	22.6
4 1	14 48.89	−17 4.4	2.200	3.083	10.3	22.4
4 11	14 42.23	−16 31.4	2.135	3.087	7.0	22.2
4 21	14 34.14	−15 49.9	2.097	3.091	3.3	22.0
5 1	14 25.40	−15 3.2	2.087	3.094	0.6	21.8
5 11	14 16.88	−14 15.5	2.107	3.097	4.5	22.1
5 21	14 9.37	−13 31.4	2.154	3.099	8.0	22.3
5 31	14 3.50	−12 54.9	2.226	3.100	11.2	22.5

488500 2000 SE_{44} 4 29.3 235°.47 11°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 12.74	−28 43.7	1.238	2.005	23.3	21.3
4 1	15 7.39	−31 16.2	1.150	1.998	20.1	21.0
4 11	14 57.05	−33 40.4	1.079	1.990	16.4	20.7
4 21	14 41.98	−35 43.9	1.030	1.982	12.9	20.5
5 1	14 23.60	−37 13.2	1.004	1.974	11.2	20.4
5 11	14 4.47	−38 1.3	1.002	1.965	12.6	20.4
5 21	13 47.42	−38 11.2	1.024	1.955	16.1	20.6
5 31	13 34.68	−37 55.4	1.065	1.946	20.1	20.8

58149 1987 SX_{11} 4 29.3 150°.19 6°.4/21.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.09	+ 5 21.5	2.766	3.569	10.8	20.6
4 1	14 47.21	+ 6 57.9	2.705	3.582	8.8	20.5
4 11	14 40.83	+ 8 30.5	2.670	3.595	7.1	20.4
4 21	14 33.42	+ 9 53.9	2.663	3.606	6.4	20.4
5 1	14 25.60	+11 2.6	2.685	3.617	7.1	20.5
5 11	14 18.02	+11 53.0	2.734	3.626	8.6	20.6
5 21	14 11.26	+12 23.6	2.809	3.635	10.5	20.7
5 31	14 5.79	+12 34.5	2.906	3.643	12.3	20.9

496958 2002 CU_{127} 4 29.3 118°.85 8°.4/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.30	+17 0.6	2.960	3.740	10.7	21.5
4 1	14 45.75	+18 27.1	2.922	3.759	9.5	21.4
4 11	14 39.80	+19 42.7	2.908	3.777	8.6	21.4
4 21	14 32.92	+20 42.3	2.919	3.795	8.5	21.4
5 1	14 25.70	+21 22.1	2.956	3.813	9.0	21.5
5 11	14 18.76	+21 40.1	3.016	3.830	10.1	21.6
5 21	14 12.61	+21 36.7	3.099	3.847	11.3	21.7
5 31	14 7.69	+21 13.4	3.200	3.863	12.5	21.8

242777 2005 YU_{38} 4 29.3 100°.68 2°.5/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.71	−10 46.7	1.956	2.772	14.1	21.4
4 1	14 48.31	− 9 52.7	1.890	2.790	10.9	21.2
4 11	14 41.84	− 8 51.6	1.847	2.807	7.2	21.0
4 21	14 33.95	− 7 48.0	1.830	2.825	3.6	20.8
5 1	14 25.49	− 6 47.3	1.841	2.841	3.0	20.8
5 11	14 17.42	− 5 55.1	1.880	2.858	6.2	21.0
5 21	14 10.53	− 5 15.6	1.945	2.874	9.8	21.3
5 31	14 5.42	− 4 51.2	2.034	2.890	12.9	21.5

415981 2001 YK_{98} 4 29.3 125°.70 0°.8/30.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.89	−19 44.6	2.359	3.138	13.1	23.0
4 1	14 49.73	−19 19.9	2.282	3.157	10.3	22.8
4 11	14 42.67	−18 44.0	2.229	3.176	7.0	22.7
4 21	14 34.31	−17 58.4	2.202	3.194	3.5	22.5
5 1	14 25.42	−17 6.3	2.205	3.212	0.9	22.3
5 11	14 16.87	−16 12.1	2.237	3.228	4.1	22.6
5 21	14 9.39	−15 20.6	2.298	3.244	7.5	22.8
5 31	14 3.55	−14 35.8	2.384	3.259	10.5	23.0

66740 1999 TE_{122} 4 29.3 133°.99 0°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.36	−17 39.1	2.039	2.841	14.1	19.4
4 1	14 47.43	−17 8.3	1.955	2.845	11.1	19.2
4 11	14 41.38	−16 25.6	1.894	2.849	7.5	19.0
4 21	14 33.81	−15 33.4	1.858	2.853	3.5	18.8
5 1	14 25.53	−14 35.7	1.850	2.857	0.7	18.5
5 11	14 17.51	−13 37.8	1.870	2.861	4.8	18.9
5 21	14 10.58	−12 45.0	1.916	2.864	8.7	19.1
5 31	14 5.41	−12 2.0	1.988	2.868	12.1	19.3

16718 Morikawa 4 29.3 252°.75 1°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.31	−18 39.3	2.403	3.192	12.6	18.4
4 1	14 47.21	−18 37.1	2.304	3.184	10.0	18.2
4 11	14 41.19	−18 25.6	2.227	3.176	6.9	18.0
4 21	14 33.73	−18 5.4	2.176	3.168	3.5	17.7
5 1	14 25.54	−17 38.6	2.154	3.160	1.0	17.5
5 11	14 17.44	−17 8.4	2.160	3.152	4.2	17.7
5 21	14 10.21	−16 38.5	2.194	3.144	7.6	17.9
5 31	14 4.51	−16 12.8	2.252	3.135	10.8	18.1

12161 Avienius 4 29.3 157°.85 0°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.66	−17 13.9	2.053	2.847	14.3	20.4
4 1	14 50.72	−16 48.9	1.970	2.854	11.2	20.2
4 11	14 43.56	−16 12.9	1.908	2.862	7.6	20.0
4 21	14 34.81	−15 27.7	1.873	2.868	3.5	19.8
5 1	14 25.33	−14 36.9	1.866	2.874	0.7	19.6
5 11	14 16.13	−13 45.7	1.889	2.879	4.9	19.9
5 21	14 8.10	−12 59.0	1.938	2.883	8.8	20.1
5 31	14 1.92	−12 21.4	2.012	2.886	12.2	20.4

263094 2007 TF_{128} 4 29.3 131°.89 0°.9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.48	−13 35.6	1.646	2.460	16.4	20.9
4 1	14 51.89	−13 24.5	1.569	2.467	12.8	20.7
4 11	14 44.63	−13 4.5	1.513	2.473	8.6	20.5
4 21	14 35.38	−12 38.0	1.482	2.478	3.9	20.2
5 1	14 25.21	−12 8.9	1.478	2.484	1.4	20.0
5 11	14 15.36	−11 41.9	1.500	2.489	6.0	20.3
5 21	14 6.92	−11 21.9	1.548	2.494	10.5	20.6
5 31	14 0.73	−11 12.6	1.619	2.499	14.4	20.8

9207 Petersmith 4 29.3 263°.12 0°.6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.74	−14 52.6	2.003	2.812	14.1	19.0
4 1	14 47.88	−14 33.5	1.909	2.804	11.1	18.7
4 11	14 41.81	−14 5.1	1.838	2.796	7.4	18.5
4 21	14 34.07	−13 29.5	1.791	2.788	3.4	18.2
5 1	14 25.48	−12 50.0	1.773	2.779	1.1	18.0
5 11	14 17.02	−12 11.5	1.782	2.771	5.2	18.3
5 21	14 9.60	−11 38.5	1.817	2.763	9.2	18.5
5 31	14 3.96	−11 15.0	1.876	2.754	12.8	18.7

170489 2003 UG_{298} 4 29.3 74°.76 0°.2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.86	−17 30.2	1.496	2.312	17.7	21.1
4 1	14 50.72	−17 6.7	1.433	2.330	13.8	20.9
4 11	14 43.83	−16 29.3	1.390	2.348	9.3	20.7
4 21	14 34.97	−15 40.6	1.371	2.366	4.3	20.4
5 1	14 25.32	−14 45.6	1.377	2.384	0.9	20.2
5 11	14 16.19	−13 51.3	1.410	2.402	5.9	20.6
5 21	14 8.66	−13 4.0	1.468	2.420	10.4	20.9
5 31	14 3.50	−12 28.9	1.548	2.438	14.4	21.2

231345 2006 EE_{52} 4 29.3 105°.22 1°.8/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.53	−20 55.3	1.992	2.781	14.9	20.9
4 1	14 49.24	−20 57.1	1.909	2.788	11.9	20.7
4 11	14 42.68	−20 46.3	1.848	2.795	8.3	20.5
4 21	14 34.44	−20 23.6	1.812	2.802	4.5	20.3
5 1	14 25.41	−19 50.9	1.803	2.808	1.8	20.1
5 11	14 16.65	−19 12.5	1.822	2.815	4.7	20.4
5 21	14 9.05	−18 33.3	1.868	2.821	8.5	20.6
5 31	14 3.36	−17 58.4	1.938	2.828	11.9	20.8

19323 1996 XM_{13} 4 29.3 305°.88 1°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.08	−12 24.3	1.761	2.581	15.2	18.5
4 1	14 48.41	−12 4.9	1.674	2.576	11.9	18.3
4 11	14 42.29	−11 37.3	1.608	2.570	8.0	18.0
4 21	14 34.33	−11 4.6	1.568	2.564	3.7	17.8
5 1	14 25.43	−10 30.6	1.553	2.559	2.0	17.6
5 11	14 16.71	−10 0.6	1.566	2.553	6.1	17.9
5 21	14 9.17	− 9 39.0	1.604	2.548	10.3	18.1
5 31	14 3.62	− 9 29.2	1.665	2.543	14.1	18.3

148829 2001 UD_{167} 4 29.3 123°.45 5°.0/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.35	−28 50.3	2.031	2.781	15.9	19.9
4 1	14 52.38	−29 21.8	1.949	2.792	13.2	19.7
4 11	14 44.87	−29 36.9	1.886	2.803	10.1	19.6
4 21	14 35.49	−29 33.7	1.848	2.813	7.0	19.4
5 1	14 25.20	−29 12.0	1.836	2.823	5.0	19.3
5 11	14 15.18	−28 35.0	1.851	2.833	5.9	19.4
5 21	14 6.47	−27 48.1	1.894	2.842	8.7	19.5
5 31	13 59.87	−26 58.0	1.960	2.851	11.7	19.8

281748 2008 YZ_{156} 4 29.3 357°.32 3°.2/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.14	− 9 52.3	1.071	1.932	20.1	19.8
4 1	14 47.41	− 9 30.9	1.003	1.928	15.7	19.5
4 11	14 42.29	− 9 1.1	0.954	1.924	10.6	19.2
4 21	14 34.51	− 8 28.0	0.925	1.923	5.3	18.9
5 1	14 25.39	− 7 58.6	0.918	1.922	3.9	18.8
5 11	14 16.62	− 7 40.2	0.934	1.923	8.8	19.1
5 21	14 9.64	− 7 37.9	0.970	1.925	14.2	19.4
5 31	14 5.54	− 7 54.6	1.025	1.928	18.9	19.6

246721 2009 BP_{24} 4 29.3 251°.38 6°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.48	+ 0 49.7	2.184	3.008	12.5	20.2
4 1	14 45.76	+ 2 0.3	2.106	3.003	10.0	20.1
4 11	14 40.18	+ 3 10.1	2.052	2.998	7.6	19.9
4 21	14 33.24	+ 4 13.3	2.023	2.993	6.1	19.8
5 1	14 25.67	+ 5 4.0	2.022	2.988	6.7	19.8
5 11	14 18.29	+ 5 37.5	2.047	2.982	8.8	19.9
5 21	14 11.83	+ 5 51.6	2.097	2.977	11.5	20.1
5 31	14 6.90	+ 5 45.8	2.168	2.972	14.0	20.2

427901 2005 UB_{103} 4 29.3 178°.50 0°.6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.30	−15 11.6	2.242	3.039	13.1	23.2
4 1	14 48.73	−14 41.1	2.152	3.041	10.2	23.0
4 11	14 42.18	−14 1.3	2.087	3.042	6.9	22.8
4 21	14 34.17	−13 14.6	2.047	3.043	3.1	22.6
5 1	14 25.48	−12 24.8	2.037	3.043	1.1	22.4
5 11	14 17.00	−11 36.3	2.055	3.043	4.8	22.7
5 21	14 9.52	−10 53.7	2.101	3.042	8.5	22.9
5 31	14 3.68	−10 20.7	2.172	3.040	11.7	23.1

207004 2004 TS_{269} 4 29.3 55°.15 1°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.06	−12 49.2	1.331	2.162	18.6	20.4
4 1	14 52.09	−12 45.2	1.264	2.171	14.6	20.1
4 11	14 45.02	−12 32.4	1.217	2.180	9.8	19.9
4 21	14 35.63	−12 13.2	1.193	2.190	4.5	19.6
5 1	14 25.18	−11 52.0	1.193	2.200	1.7	19.4
5 11	14 15.18	−11 34.2	1.219	2.210	6.9	19.8
5 21	14 6.90	−11 24.5	1.268	2.220	11.8	20.1
5 31	14 1.26	−11 26.5	1.339	2.230	16.1	20.3

284044 2005 AA_{51} 4 29.3 177°.84 1°.3/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 42.82	− 8 4.0	4.949	5.750	6.4	20.8
4 1	14 39.58	− 7 44.2	4.859	5.751	4.9	20.6
4 11	14 35.55	− 7 22.8	4.794	5.751	3.3	20.5
4 21	14 30.98	− 7 1.4	4.759	5.751	1.7	20.4
5 1	14 26.16	− 6 41.3	4.753	5.751	1.5	20.4
5 11	14 21.41	− 6 24.2	4.778	5.752	2.9	20.5
5 21	14 17.03	− 6 11.4	4.831	5.752	4.6	20.6
5 31	14 13.28	− 6 3.8	4.910	5.751	6.1	20.7

428827 2008 TZ_{117} 4 29.3 314°.91 0°.5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.75	−20 31.1	1.527	2.348	17.2	20.3
4 1	14 44.99	−19 47.1	1.416	2.316	13.8	20.0
4 11	14 40.48	−18 41.0	1.325	2.284	9.6	19.6
4 21	14 33.69	−17 14.0	1.257	2.252	4.7	19.3
5 1	14 25.54	−15 31.0	1.214	2.221	0.9	18.9
5 11	14 17.33	−13 41.3	1.196	2.190	6.3	19.2
5 21	14 10.29	−11 55.5	1.203	2.160	11.7	19.4
5 31	14 5.52	−10 24.0	1.232	2.131	16.6	19.6

497878 2006 UF_{219} 4 29.3 136°.51 1°.9/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.79	−21 21.1	2.846	3.609	11.5	21.7
4 1	14 49.49	−21 39.1	2.758	3.620	9.2	21.5
4 11	14 42.49	−21 48.3	2.694	3.631	6.5	21.3
4 21	14 34.27	−21 48.8	2.657	3.642	3.7	21.2
5 1	14 25.47	−21 41.4	2.649	3.652	1.9	21.1
5 11	14 16.84	−21 28.1	2.672	3.661	3.7	21.2
5 21	14 9.04	−21 11.8	2.723	3.671	6.4	21.4
5 31	14 2.64	−20 55.7	2.801	3.680	9.0	21.6

286350 2001 XP_{125} 4 29.3 247°.65 1°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.74	−20 46.0	2.402	3.187	12.7	20.9
4 1	14 45.99	−20 20.8	2.301	3.179	10.1	20.7
4 11	14 40.37	−19 43.2	2.223	3.170	7.0	20.5
4 21	14 33.35	−18 54.4	2.170	3.161	3.6	20.2
5 1	14 25.65	−17 57.4	2.146	3.152	1.1	20.0
5 11	14 18.08	−16 56.6	2.151	3.143	4.1	20.2
5 21	14 11.39	−15 56.9	2.183	3.134	7.6	20.4
5 31	14 6.21	−15 3.1	2.241	3.125	10.8	20.6

489418 2006 VW_{83} 4 29.3 239°.03 1°.3/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.33	−21 28.8	2.647	3.423	11.9	23.2
4 1	14 46.30	−21 8.6	2.539	3.411	9.5	23.0
4 11	14 40.51	−20 36.9	2.454	3.398	6.7	22.8
4 21	14 33.41	−19 54.5	2.396	3.385	3.6	22.6
5 1	14 25.64	−19 3.7	2.367	3.372	1.3	22.4
5 11	14 17.97	−18 8.2	2.367	3.359	3.8	22.6
5 21	14 11.09	−17 12.4	2.395	3.345	7.1	22.7
5 31	14 5.59	−16 20.9	2.449	3.330	10.1	22.9

502580 2015 BJ_{513} 4 29.3 104°.93 4°.0/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.84	−27 21.5	1.852	2.622	16.5	20.8
4 1	14 49.78	−27 23.4	1.770	2.630	13.5	20.6
4 11	14 43.18	−27 6.7	1.708	2.638	10.1	20.4
4 21	14 34.72	−26 30.8	1.669	2.646	6.5	20.2
5 1	14 25.39	−25 37.4	1.657	2.653	4.1	20.1
5 11	14 16.38	−24 31.7	1.671	2.661	5.5	20.2
5 21	14 8.73	−23 20.6	1.712	2.668	8.9	20.4
5 31	14 3.21	−22 11.8	1.777	2.675	12.4	20.6

495613 2015 FG_{345} 4 29.3 299°.60 0°.4/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.00	+ 4 6.4	39.306	40.112	0.8	21.3
4 1	14 29.31	+ 4 11.0	39.225	40.109	0.7	21.3
4 11	14 28.54	+ 4 15.2	39.171	40.106	0.5	21.3
4 21	14 27.72	+ 4 18.8	39.145	40.102	0.4	21.3
5 1	14 26.87	+ 4 21.8	39.148	40.099	0.5	21.3
5 11	14 26.03	+ 4 23.9	39.178	40.096	0.6	21.3
5 21	14 25.22	+ 4 25.0	39.235	40.092	0.8	21.3
5 31	14 24.47	+ 4 25.1	39.317	40.089	0.9	21.3

65032 2002 AR_{112} 4 29.3 167°.01 2°.7/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.62	− 9 13.9	1.864	2.685	14.5	20.0
4 1	14 48.57	− 8 41.2	1.784	2.686	11.3	19.8
4 11	14 42.25	− 8 2.8	1.726	2.687	7.6	19.6
4 21	14 34.26	− 7 22.7	1.693	2.687	3.9	19.3
5 1	14 25.49	− 6 45.4	1.687	2.687	3.2	19.3
5 11	14 16.96	− 6 16.1	1.708	2.688	6.6	19.5
5 21	14 9.57	− 5 58.3	1.755	2.688	10.4	19.7
5 31	14 4.06	− 5 54.5	1.825	2.688	13.8	19.9

81079 2000 ES_{88} 4 29.3 109°.33 4°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.68	− 5 14.9	1.739	2.565	15.2	20.1
4 1	14 50.15	− 4 28.1	1.673	2.576	11.8	19.9
4 11	14 43.26	− 3 38.7	1.628	2.587	8.2	19.7
4 21	14 34.69	− 2 52.1	1.609	2.598	5.1	19.5
5 1	14 25.42	− 2 14.0	1.617	2.608	5.0	19.5
5 11	14 16.53	− 1 49.5	1.651	2.618	8.0	19.7
5 21	14 8.95	− 1 41.3	1.710	2.628	11.5	20.0
5 31	14 3.39	− 1 50.3	1.791	2.638	14.7	20.2

393012 2012 XP_{143} 4 29.3 144°.66 3°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.46	− 4 1.0	2.295	3.110	12.3	21.1
4 1	14 47.94	− 3 35.6	2.215	3.112	9.6	20.9
4 11	14 41.58	− 3 9.8	2.159	3.114	6.7	20.7
4 21	14 33.89	− 2 46.9	2.129	3.116	4.2	20.6
5 1	14 25.58	− 2 30.7	2.127	3.118	4.1	20.6
5 11	14 17.49	− 2 24.3	2.153	3.120	6.5	20.7
5 21	14 10.33	− 2 29.6	2.206	3.121	9.5	20.9
5 31	14 4.70	− 2 47.4	2.283	3.123	12.2	21.1

38683 2000 QQ_{7} 4 29.3 239°.37 1°.4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.48	−20 27.7	1.992	2.777	15.0	19.1
4 1	14 51.84	−20 16.4	1.882	2.759	12.1	18.9
4 11	14 44.68	−19 51.3	1.794	2.741	8.5	18.6
4 21	14 35.51	−19 12.8	1.731	2.722	4.4	18.4
5 1	14 25.22	−18 23.0	1.695	2.702	1.4	18.1
5 11	14 14.93	−17 26.7	1.689	2.681	5.1	18.3
5 21	14 5.71	−16 30.0	1.709	2.659	9.4	18.5
5 31	13 58.48	−15 39.0	1.754	2.636	13.3	18.7

23849 1998 RA_{19} 4 29.3 216°.94 4°.7/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.27	−27 22.9	2.137	2.892	15.0	19.2
4 1	14 51.57	−28 4.3	2.041	2.889	12.5	19.0
4 11	14 44.42	−28 32.1	1.966	2.887	9.6	18.8
4 21	14 35.36	−28 44.1	1.916	2.884	6.6	18.6
5 1	14 25.27	−28 39.5	1.892	2.881	4.8	18.5
5 11	14 15.25	−28 20.2	1.896	2.878	5.8	18.5
5 21	14 6.36	−27 50.5	1.927	2.875	8.6	18.7
5 31	13 59.43	−27 16.2	1.982	2.872	11.7	18.9

119333 2001 SM_{141} 4 29.3 279°.35 0°.1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.43	−16 23.7	1.724	2.537	15.8	20.6
4 1	14 48.80	−16 6.5	1.635	2.531	12.5	20.3
4 11	14 42.64	−15 37.6	1.567	2.526	8.5	20.1
4 21	14 34.53	−14 58.8	1.524	2.520	3.9	19.8
5 1	14 25.44	−14 14.0	1.507	2.514	0.9	19.5
5 11	14 16.53	−13 28.6	1.517	2.509	5.6	19.9
5 21	14 8.86	−12 48.5	1.552	2.503	10.1	20.1
5 31	14 3.26	−12 18.7	1.611	2.498	14.1	20.3

432840 2011 HA_{39} 4 29.3 9°.91 5°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.18	− 6 59.5	1.570	2.414	15.6	20.8
4 1	14 44.66	− 5 28.5	1.501	2.415	12.1	20.6
4 11	14 39.77	− 3 50.0	1.454	2.417	8.4	20.4
4 21	14 33.14	− 2 11.8	1.431	2.420	5.5	20.2
5 1	14 25.75	− 0 43.1	1.434	2.423	6.0	20.3
5 11	14 18.67	+ 0 27.9	1.463	2.426	9.2	20.5
5 21	14 12.85	+ 1 16.0	1.515	2.431	12.9	20.7
5 31	14 9.01	+ 1 39.3	1.587	2.435	16.2	20.9

381581 2008 UD_{212} 4 29.3 176°.37 1°.7/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.18	−11 4.6	2.495	3.298	11.8	22.2
4 1	14 47.63	−10 31.8	2.407	3.300	9.1	22.0
4 11	14 41.32	− 9 53.3	2.344	3.301	6.1	21.8
4 21	14 33.76	− 9 11.8	2.307	3.302	2.9	21.6
5 1	14 25.62	− 8 31.0	2.300	3.303	2.1	21.5
5 11	14 17.67	− 7 54.6	2.323	3.303	5.0	21.7
5 21	14 10.58	− 7 26.0	2.372	3.303	8.2	21.9
5 31	14 4.93	− 7 7.7	2.447	3.302	11.0	22.1

504123 2006 RQ_{49} 4 29.3 108°.97 3°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.03	−24 54.9	2.395	3.152	13.5	21.4
4 1	14 50.95	−25 33.0	2.306	3.160	11.1	21.2
4 11	14 43.74	−25 59.8	2.240	3.167	8.2	21.0
4 21	14 34.95	−26 14.1	2.200	3.174	5.3	20.9
5 1	14 25.37	−26 15.7	2.187	3.181	3.6	20.8
5 11	14 15.93	−26 6.5	2.203	3.188	4.8	20.8
5 21	14 7.51	−25 49.9	2.247	3.195	7.6	21.0
5 31	14 0.80	−25 30.2	2.316	3.202	10.4	21.2

404269 2013 EY_{80} 4 29.3 257°.93 2°.8/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.16	−10 3.9	1.467	2.297	17.3	21.5
4 1	14 51.34	− 9 36.6	1.383	2.290	13.5	21.3
4 11	14 44.57	− 9 1.5	1.319	2.282	9.1	21.0
4 21	14 35.51	− 8 22.7	1.279	2.275	4.6	20.7
5 1	14 25.25	− 7 45.8	1.264	2.267	3.4	20.6
5 11	14 15.17	− 7 17.1	1.275	2.259	7.7	20.8
5 21	14 6.53	− 7 1.6	1.310	2.251	12.5	21.1
5 31	14 0.32	− 7 2.4	1.366	2.243	16.7	21.3

285810 2000 YR_{82} 4 29.3 194°.66 9°.9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.17	−40 22.8	1.384	2.109	23.1	20.9
4 1	14 56.37	−40 35.6	1.295	2.108	20.3	20.7
4 11	14 48.53	−40 13.0	1.222	2.106	16.9	20.5
4 21	14 37.48	−39 7.9	1.166	2.104	13.3	20.2
5 1	14 24.85	−37 17.4	1.133	2.100	10.5	20.0
5 11	14 12.72	−34 47.9	1.123	2.096	10.2	20.0
5 21	14 2.88	−31 54.2	1.139	2.091	12.7	20.1
5 31	13 56.52	−28 55.3	1.177	2.086	16.5	20.3

222806 2002 CM_{252} 4 29.3 142°.00 0°.8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.48	−14 40.2	2.314	3.111	12.8	21.3
4 1	14 48.71	−14 4.1	2.234	3.123	9.9	21.2
4 11	14 42.06	−13 19.4	2.178	3.134	6.6	21.0
4 21	14 34.10	−12 28.8	2.149	3.145	3.0	20.8
5 1	14 25.57	−11 36.2	2.149	3.155	1.3	20.6
5 11	14 17.33	−10 46.2	2.179	3.165	4.8	20.9
5 21	14 10.09	−10 2.8	2.236	3.174	8.2	21.1
5 31	14 4.44	− 9 29.6	2.318	3.182	11.2	21.3

142488 2002 TK_{27} 4 29.3 154°.24 0°.6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.74	−18 15.1	2.161	2.949	13.9	21.6
4 1	14 50.71	−18 0.2	2.077	2.957	10.9	21.4
4 11	14 43.54	−17 34.5	2.015	2.966	7.5	21.2
4 21	14 34.83	−16 59.4	1.980	2.973	3.6	21.0
5 1	14 25.42	−16 17.7	1.973	2.980	0.8	20.8
5 11	14 16.28	−15 34.0	1.995	2.986	4.6	21.1
5 21	14 8.25	−14 52.7	2.044	2.991	8.3	21.3
5 31	14 2.00	−14 18.2	2.119	2.996	11.6	21.5

496909 2001 RK_{139} 4 29.3 204°.89 3°.0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.08	−24 52.6	2.496	3.248	13.2	23.3
4 1	14 51.75	−25 6.5	2.390	3.242	10.8	23.1
4 11	14 44.31	−25 8.3	2.307	3.235	7.9	22.9
4 21	14 35.24	−24 57.0	2.250	3.227	5.0	22.7
5 1	14 25.32	−24 33.3	2.221	3.219	3.0	22.6
5 11	14 15.48	−23 59.7	2.222	3.209	4.5	22.7
5 21	14 6.57	−23 20.3	2.251	3.199	7.6	22.8
5 31	13 59.33	−22 40.2	2.306	3.188	10.6	23.0

210724 2000 SE_{335} 4 29.3 267°.70 1°.4/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.33	−11 37.6	2.425	3.230	12.0	21.0
4 1	14 47.21	−11 19.6	2.319	3.213	9.4	20.8
4 11	14 41.22	−10 55.8	2.237	3.195	6.3	20.6
4 21	14 33.81	−10 28.4	2.182	3.177	3.0	20.3
5 1	14 25.63	−10 0.4	2.155	3.159	1.7	20.2
5 11	14 17.49	− 9 35.4	2.156	3.141	5.0	20.4
5 21	14 10.14	− 9 16.5	2.186	3.122	8.4	20.6
5 31	14 4.24	− 9 6.6	2.239	3.104	11.5	20.7

372641 2009 WD_{10} 4 29.3 151°.03 2°.1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.65	− 9 37.8	2.521	3.323	11.7	22.4
4 1	14 48.65	− 9 1.0	2.442	3.334	9.1	22.3
4 11	14 41.94	− 8 19.7	2.387	3.344	6.0	22.1
4 21	14 34.03	− 7 36.7	2.360	3.354	3.1	21.9
5 1	14 25.61	− 6 55.8	2.362	3.362	2.5	21.9
5 11	14 17.42	− 6 20.8	2.394	3.370	5.2	22.1
5 21	14 10.15	− 5 54.5	2.454	3.378	8.2	22.3
5 31	14 4.33	− 5 39.3	2.538	3.384	10.9	22.5

346045 2007 UW_5 4 29.3 219°.62 1°.4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.82	−14 24.3	2.455	3.257	12.0	21.5
4 1	14 45.90	−13 22.6	2.358	3.250	9.3	21.3
4 11	14 40.24	−12 10.7	2.285	3.243	6.2	21.1
4 21	14 33.30	−10 52.1	2.239	3.235	2.9	20.9
5 1	14 25.75	− 9 31.4	2.223	3.227	1.8	20.8
5 11	14 18.35	− 8 14.3	2.236	3.218	5.0	21.0
5 21	14 11.80	− 7 5.8	2.278	3.209	8.4	21.2
5 31	14 6.67	− 6 9.9	2.344	3.200	11.4	21.4

64342 2001 UB_{76} 4 29.3 99°.78 2°.0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.75	−11 13.7	1.444	2.270	17.7	19.5
4 1	14 52.43	−10 58.2	1.372	2.277	13.8	19.3
4 11	14 45.18	−10 35.2	1.321	2.283	9.2	19.0
4 21	14 35.72	−10 7.8	1.293	2.289	4.4	18.7
5 1	14 25.25	− 9 41.0	1.291	2.295	2.5	18.6
5 11	14 15.15	− 9 20.1	1.315	2.302	7.1	18.9
5 21	14 6.65	− 9 9.5	1.363	2.307	11.8	19.2
5 31	14 0.62	− 9 12.4	1.432	2.313	15.8	19.5

491153 2011 SS_{204} 4 29.3 237°.16 1°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.31	−18 50.5	2.761	3.537	11.5	22.5
4 1	14 48.57	−18 56.4	2.650	3.523	9.1	22.3
4 11	14 42.05	−18 54.4	2.564	3.509	6.4	22.1
4 21	14 34.17	−18 44.7	2.504	3.495	3.3	21.8
5 1	14 25.56	−18 28.6	2.474	3.480	1.1	21.6
5 11	14 16.98	−18 8.6	2.473	3.464	3.8	21.8
5 21	14 9.13	−17 47.7	2.501	3.448	7.0	22.0
5 31	14 2.64	−17 29.0	2.555	3.432	9.9	22.2

224187 2005 QD_{183} 4 29.3 301°.80 1°.3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.47	−18 26.4	1.555	2.370	17.2	20.9
4 1	14 49.42	−18 32.8	1.455	2.350	13.8	20.7
4 11	14 43.45	−18 26.2	1.374	2.330	9.6	20.4
4 21	14 35.10	−18 7.0	1.316	2.310	4.9	20.0
5 1	14 25.34	−17 37.2	1.284	2.291	1.4	19.7
5 11	14 15.54	−17 1.6	1.277	2.271	6.0	20.0
5 21	14 6.99	−16 26.2	1.294	2.252	11.0	20.2
5 31	14 0.80	−15 57.6	1.334	2.233	15.6	20.4

83516 2001 SA_{133} 4 29.3 289°.15 1°.9/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.52	−12 49.9	2.109	2.926	13.2	19.7
4 1	14 45.21	−11 56.1	2.017	2.918	10.3	19.5
4 11	14 39.94	−10 52.6	1.949	2.910	6.8	19.3
4 21	14 33.21	− 9 43.2	1.906	2.902	3.3	19.0
5 1	14 25.77	− 8 33.1	1.891	2.894	2.4	19.0
5 11	14 18.49	− 7 28.2	1.904	2.886	5.8	19.2
5 21	14 12.16	− 6 33.7	1.944	2.879	9.4	19.4
5 31	14 7.43	− 5 53.3	2.007	2.871	12.7	19.6

86293 1999 VX_{12} 4 29.3 230°.37 7°.7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.13	−40 12.4	2.702	3.370	14.1	19.0
4 1	14 51.35	−41 9.4	2.601	3.366	12.5	18.9
4 11	14 44.24	−41 49.8	2.519	3.362	10.7	18.7
4 21	14 35.29	−42 10.2	2.459	3.357	9.0	18.6
5 1	14 25.33	−42 8.3	2.424	3.353	7.9	18.5
5 11	14 15.39	−41 44.9	2.415	3.348	7.8	18.5
5 21	14 6.46	−41 3.3	2.432	3.343	8.9	18.6
5 31	13 59.36	−40 9.2	2.473	3.339	10.6	18.7

411285 2010 TM_1 4 29.3 96°.06 1°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.29	−13 31.5	1.695	2.509	16.0	21.5
4 1	14 50.76	−13 5.6	1.627	2.525	12.4	21.3
4 11	14 43.74	−12 30.4	1.580	2.540	8.2	21.1
4 21	14 34.97	−11 49.2	1.558	2.555	3.8	20.9
5 1	14 25.45	−11 6.6	1.564	2.570	1.7	20.7
5 11	14 16.35	−10 28.1	1.596	2.584	6.0	21.0
5 21	14 8.66	− 9 58.4	1.655	2.598	10.1	21.3
5 31	14 3.08	− 9 41.1	1.736	2.612	13.8	21.6

419746 2010 VT_{81} 4 29.3 103°.34 0°.7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.52	−13 47.8	1.830	2.637	15.3	21.4
4 1	14 51.55	−13 37.2	1.759	2.653	11.9	21.2
4 11	14 44.21	−13 18.6	1.711	2.668	7.9	21.0
4 21	14 35.17	−12 54.1	1.688	2.684	3.6	20.7
5 1	14 25.41	−12 27.1	1.692	2.699	1.2	20.6
5 11	14 16.03	−12 2.1	1.725	2.714	5.4	20.9
5 21	14 7.98	−11 43.0	1.784	2.728	9.5	21.2
5 31	14 1.96	−11 33.0	1.866	2.742	13.0	21.4

139767 2001 QF_{290} 4 29.3 140°.95 3°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.03	−26 56.2	2.303	3.053	14.2	20.7
4 1	14 51.73	−27 6.8	2.218	3.066	11.6	20.6
4 11	14 44.25	−27 2.7	2.155	3.078	8.7	20.4
4 21	14 35.19	−26 43.2	2.116	3.090	5.6	20.2
5 1	14 25.41	−26 9.3	2.106	3.101	3.6	20.1
5 11	14 15.90	−25 24.5	2.125	3.111	4.8	20.2
5 21	14 7.54	−24 33.8	2.171	3.121	7.7	20.4
5 31	14 1.01	−23 42.7	2.243	3.129	10.7	20.6

187476 2006 BB_{213} 4 29.3 172°.46 3°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 42.12	+ 3 58.8	4.781	5.588	6.5	20.2
4 1	14 39.09	+ 4 42.1	4.706	5.589	5.2	20.1
4 11	14 35.27	+ 5 23.1	4.656	5.589	4.1	20.0
4 21	14 30.90	+ 5 59.7	4.634	5.590	3.5	20.0
5 1	14 26.29	+ 6 29.7	4.641	5.590	3.8	20.0
5 11	14 21.77	+ 6 51.5	4.677	5.591	4.8	20.1
5 21	14 17.62	+ 7 4.0	4.739	5.591	6.1	20.2
5 31	14 14.11	+ 7 6.9	4.824	5.592	7.3	20.3

28344 1999 FE_{19} 4 29.3 100°.47 2°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.93	−23 10.4	1.890	2.670	15.9	18.7
4 1	14 51.19	−23 13.4	1.816	2.687	12.7	18.5
4 11	14 44.02	−23 1.4	1.763	2.704	9.1	18.3
4 21	14 35.10	−22 34.8	1.735	2.720	5.2	18.1
5 1	14 25.44	−21 55.7	1.733	2.736	2.6	18.0
5 11	14 16.15	−21 8.8	1.760	2.752	5.0	18.1
5 21	14 8.21	−20 19.8	1.813	2.767	8.7	18.4
5 31	14 2.34	−19 34.7	1.890	2.782	12.1	18.6

393116 2013 BD_{21} 4 29.3 295°.46 4°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.13	− 1 12.8	2.316	3.134	12.1	20.5
4 1	14 46.96	− 0 40.1	2.233	3.129	9.6	20.4
4 11	14 40.98	− 0 8.5	2.173	3.125	6.9	20.2
4 21	14 33.67	+ 0 18.1	2.140	3.120	4.9	20.0
5 1	14 25.73	+ 0 35.6	2.134	3.115	5.0	20.0
5 11	14 17.95	+ 0 40.8	2.155	3.111	7.2	20.2
5 21	14 11.06	+ 0 32.0	2.203	3.106	10.0	20.3
5 31	14 5.65	+ 0 8.7	2.273	3.102	12.6	20.5

409276 2004 RU_{153} 4 29.3 224°.48 2°.7/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.14	−23 32.3	1.881	2.658	16.0	22.6
4 1	14 52.54	−23 31.3	1.778	2.648	13.0	22.3
4 11	14 45.24	−23 14.4	1.696	2.636	9.4	22.1
4 21	14 35.83	−22 41.0	1.639	2.624	5.5	21.8
5 1	14 25.27	−21 52.5	1.608	2.611	2.7	21.6
5 11	14 14.78	−20 53.6	1.605	2.597	5.3	21.7
5 21	14 5.52	−19 50.8	1.629	2.582	9.5	21.9
5 31	13 58.41	−18 51.5	1.677	2.567	13.5	22.1

372959 2011 BQ_{102} 4 29.3 166°.59 7°.5/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.53	−36 50.5	2.145	2.849	16.4	21.9
4 1	14 53.56	−37 33.2	2.054	2.853	14.2	21.7
4 11	14 45.87	−37 56.0	1.981	2.856	11.8	21.6
4 21	14 36.08	−37 55.3	1.930	2.859	9.4	21.4
5 1	14 25.23	−37 29.3	1.905	2.862	7.7	21.3
5 11	14 14.57	−36 40.3	1.905	2.864	7.8	21.3
5 21	14 5.27	−35 33.8	1.932	2.865	9.5	21.4
5 31	13 58.21	−34 17.8	1.983	2.866	12.0	21.6

118879 2000 TT_{54} 4 29.3 238°.63 4°.2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.69	− 1 50.9	2.491	3.304	11.5	20.1
4 1	14 47.29	− 1 19.5	2.403	3.297	9.1	19.9
4 11	14 41.15	− 0 48.6	2.338	3.290	6.5	19.7
4 21	14 33.74	− 0 21.9	2.301	3.282	4.5	19.6
5 1	14 25.73	− 0 3.0	2.292	3.275	4.6	19.6
5 11	14 17.85	+ 0 4.8	2.311	3.267	6.8	19.7
5 21	14 10.78	− 0 0.1	2.356	3.260	9.4	19.9
5 31	14 5.11	− 0 18.5	2.425	3.252	12.0	20.0

190099 2004 TA_{241} 4 29.3 228°.49 2°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.51	−24 32.3	2.284	3.053	13.8	20.1
4 1	14 48.35	−24 8.4	2.179	3.043	11.2	19.9
4 11	14 42.09	−23 28.8	2.095	3.033	8.1	19.7
4 21	14 34.25	−22 33.9	2.037	3.022	4.7	19.4
5 1	14 25.62	−21 26.2	2.007	3.010	2.2	19.3
5 11	14 17.12	−20 10.5	2.006	2.998	4.4	19.4
5 21	14 9.60	−18 53.0	2.033	2.985	8.0	19.6
5 31	14 3.77	−17 39.9	2.085	2.972	11.3	19.8

280144 2002 PL_{82} 4 29.3 303°.53 5°.9/24.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.47	− 3 26.6	1.796	2.630	14.4	20.8
4 1	14 46.53	− 2 14.2	1.690	2.598	11.5	20.5
4 11	14 41.22	− 0 56.2	1.607	2.565	8.4	20.3
4 21	14 33.99	+ 0 21.1	1.549	2.532	6.1	20.0
5 1	14 25.65	+ 1 29.9	1.517	2.499	6.6	20.0
5 11	14 17.25	+ 2 22.7	1.511	2.467	9.7	20.1
5 21	14 9.80	+ 2 54.0	1.528	2.434	13.5	20.2
5 31	14 4.19	+ 3 1.4	1.566	2.401	17.0	20.4

75414 1999 XC_{112} 4 29.3 161°.61 0°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.92	−17 35.5	2.030	2.822	14.5	20.9
4 1	14 51.03	−17 19.0	1.945	2.829	11.4	20.7
4 11	14 43.87	−16 51.5	1.882	2.834	7.8	20.5
4 21	14 35.06	−16 14.6	1.845	2.839	3.7	20.2
5 1	14 25.47	−15 31.4	1.836	2.843	0.7	20.0
5 11	14 16.14	−14 46.6	1.856	2.847	4.9	20.3
5 21	14 7.98	−14 5.1	1.903	2.850	8.8	20.6
5 31	14 1.70	−13 31.6	1.974	2.852	12.3	20.8

211093 2002 EM_{77} 4 29.3 289°.91 4°.1/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.18	−23 22.7	1.507	2.305	18.4	20.6
4 1	14 51.92	−23 56.1	1.404	2.284	15.2	20.3
4 11	14 45.41	−24 14.6	1.319	2.262	11.3	20.0
4 21	14 36.15	−24 15.6	1.256	2.240	7.0	19.7
5 1	14 25.19	−23 58.3	1.218	2.218	4.1	19.4
5 11	14 14.04	−23 25.8	1.205	2.197	6.7	19.5
5 21	14 4.24	−22 44.2	1.215	2.175	11.4	19.7
5 31	13 57.06	−22 1.9	1.248	2.153	16.0	19.9

174914 2004 CP_{1} 4 29.3 235°.00 5°.6/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.61	−33 44.5	2.605	3.318	13.6	20.3
4 1	14 50.02	−34 9.5	2.494	3.306	11.7	20.1
4 11	14 43.26	−34 18.7	2.403	3.293	9.4	19.9
4 21	14 34.84	−34 9.9	2.336	3.280	7.2	19.7
5 1	14 25.50	−33 42.4	2.296	3.266	5.7	19.6
5 11	14 16.21	−32 58.0	2.283	3.252	6.0	19.6
5 21	14 7.85	−32 1.1	2.298	3.238	7.9	19.7
5 31	14 1.19	−30 57.4	2.338	3.223	10.4	19.8

506744 2006 VL_{61} 4 29.3 178°.68 0°.2/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.75	−15 31.6	2.824	3.614	10.9	22.3
4 1	14 46.39	−15 14.0	2.732	3.615	8.5	22.2
4 11	14 40.46	−14 49.4	2.663	3.616	5.7	22.0
4 21	14 33.40	−14 19.4	2.622	3.617	2.6	21.8
5 1	14 25.82	−13 46.3	2.610	3.617	0.6	21.6
5 11	14 18.38	−13 13.4	2.628	3.617	3.8	21.8
5 21	14 11.69	−12 43.7	2.674	3.616	6.8	22.0
5 31	14 6.27	−12 20.0	2.746	3.615	9.5	22.2

377212 2003 XK_{15} 4 29.3 182°.84 16°.5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 8.56	−47 19.3	1.388	2.062	25.1	21.0
4 1	15 4.46	−49 23.0	1.311	2.063	23.1	20.9
4 11	14 55.13	−50 58.2	1.247	2.064	20.8	20.7
4 21	14 41.09	−51 52.4	1.198	2.064	18.7	20.5
5 1	14 24.16	−51 54.3	1.166	2.063	17.0	20.4
5 11	14 7.27	−51 1.2	1.154	2.061	16.6	20.4
5 21	13 53.25	−49 21.1	1.162	2.059	17.4	20.4
5 31	13 44.00	−47 10.3	1.188	2.056	19.3	20.5

312205 2007 VQ_{258} 4 29.3 92°.38 3°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.48	− 7 26.3	1.618	2.442	16.2	21.1
4 1	14 51.62	− 6 39.4	1.560	2.464	12.5	20.9
4 11	14 44.27	− 5 48.1	1.524	2.484	8.5	20.7
4 21	14 35.20	− 4 57.9	1.513	2.505	4.8	20.5
5 1	14 25.48	− 4 14.8	1.529	2.525	4.4	20.5
5 11	14 16.28	− 3 44.1	1.571	2.545	7.7	20.8
5 21	14 8.56	− 3 29.1	1.638	2.564	11.4	21.0
5 31	14 3.02	− 3 31.1	1.727	2.583	14.8	21.3

409720 2006 BK_{255} 4 29.3 321°.48 4°.3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 42.46	+ 6 10.8	4.238	5.044	7.2	20.4
4 1	14 39.48	+ 7 2.5	4.162	5.042	5.9	20.3
4 11	14 35.59	+ 7 51.1	4.113	5.039	4.8	20.2
4 21	14 31.09	+ 8 33.8	4.091	5.036	4.3	20.2
5 1	14 26.30	+ 9 8.0	4.097	5.033	4.7	20.2
5 11	14 21.60	+ 9 31.7	4.131	5.030	5.8	20.2
5 21	14 17.32	+ 9 44.0	4.190	5.027	7.1	20.3
5 31	14 13.77	+ 9 44.6	4.272	5.025	8.4	20.4

302475 2002 FN_{22} 4 29.3 56°.75 1°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.10	−17 0.7	2.282	3.069	13.3	20.0
4 1	14 50.98	−17 32.6	2.197	3.076	10.5	19.8
4 11	14 43.77	−17 57.8	2.134	3.082	7.2	19.6
4 21	14 35.01	−18 16.1	2.098	3.089	3.7	19.4
5 1	14 25.49	−18 28.1	2.091	3.097	1.3	19.2
5 11	14 16.14	−18 35.7	2.112	3.104	4.3	19.5
5 21	14 7.80	−18 41.2	2.162	3.111	7.8	19.7
5 31	14 1.15	−18 47.8	2.237	3.119	10.9	19.9

479653 2014 DB_{61} 4 29.3 348°.81 0°.2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.86	−14 57.7	2.075	2.883	13.7	21.0
4 1	14 47.11	−14 54.5	1.987	2.881	10.7	20.8
4 11	14 41.28	−14 43.5	1.921	2.878	7.2	20.5
4 21	14 33.89	−14 26.1	1.880	2.876	3.4	20.3
5 1	14 25.72	−14 5.1	1.867	2.874	0.7	20.1
5 11	14 17.71	−13 44.1	1.882	2.873	4.8	20.4
5 21	14 10.71	−13 26.6	1.923	2.872	8.6	20.6
5 31	14 5.40	−13 16.1	1.988	2.871	12.0	20.8

346381 2008 SD_{54} 4 29.3 187°.11 0°.3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.86	−17 16.7	2.245	3.039	13.3	21.8
4 1	14 48.49	−17 0.7	2.154	3.038	10.4	21.6
4 11	14 42.11	−16 34.7	2.085	3.038	7.1	21.4
4 21	14 34.24	−16 0.4	2.042	3.037	3.4	21.2
5 1	14 25.66	−15 20.6	2.028	3.035	0.6	21.0
5 11	14 17.24	−14 39.5	2.043	3.034	4.5	21.3
5 21	14 9.81	−14 1.3	2.084	3.032	8.1	21.5
5 31	14 4.02	−13 30.1	2.151	3.029	11.4	21.7

433370 2013 SL_{44} 4 29.3 163°.20 4°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.91	−29 38.0	2.670	3.397	13.0	22.8
4 1	14 51.46	−29 54.8	2.576	3.405	10.8	22.7
4 11	14 44.01	−29 57.6	2.503	3.411	8.3	22.5
4 21	14 35.10	−29 45.2	2.456	3.417	5.8	22.4
5 1	14 25.49	−29 17.8	2.437	3.422	4.2	22.3
5 11	14 16.06	−28 38.1	2.447	3.427	4.9	22.3
5 21	14 7.61	−27 50.3	2.486	3.430	7.1	22.5
5 31	14 0.80	−26 59.4	2.551	3.433	9.7	22.6

28782 Mechling 4 29.3 113°.26 1°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.08	−15 28.8	1.452	2.276	17.7	19.3
4 1	14 50.37	−14 44.5	1.379	2.282	13.9	19.1
4 11	14 43.80	−13 46.0	1.327	2.289	9.3	18.8
4 21	14 35.12	−12 37.2	1.298	2.295	4.2	18.5
5 1	14 25.49	−11 24.7	1.295	2.301	1.8	18.4
5 11	14 16.26	−10 16.7	1.317	2.306	6.7	18.7
5 21	14 8.58	− 9 20.5	1.365	2.312	11.5	19.0
5 31	14 3.31	− 8 41.2	1.434	2.317	15.7	19.3

175302 2005 LU_{48} 4 29.3 59°.85 0°.2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.49	−17 1.9	1.513	2.333	17.3	20.7
4 1	14 49.04	−16 31.4	1.440	2.340	13.6	20.4
4 11	14 42.87	−15 46.6	1.387	2.346	9.2	20.2
4 21	14 34.68	−14 50.5	1.357	2.353	4.2	19.9
5 1	14 25.58	−13 48.3	1.353	2.360	1.0	19.7
5 11	14 16.85	−12 47.3	1.375	2.367	6.0	20.0
5 21	14 9.59	−11 54.4	1.422	2.374	10.7	20.3
5 31	14 4.62	−11 15.2	1.491	2.382	14.8	20.6

344584 2003 BZ_{68} 4 29.3 107°.06 5°.2/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.47	−30 52.6	2.450	3.179	14.0	20.9
4 1	14 51.37	−31 35.1	2.365	3.191	11.8	20.7
4 11	14 44.09	−32 3.2	2.301	3.202	9.3	20.6
4 21	14 35.18	−32 14.7	2.262	3.214	6.8	20.4
5 1	14 25.48	−32 9.0	2.249	3.225	5.3	20.3
5 11	14 15.96	−31 48.1	2.264	3.236	5.8	20.4
5 21	14 7.51	−31 16.0	2.307	3.247	7.8	20.5
5 31	14 0.85	−30 37.9	2.374	3.258	10.3	20.7

275931 2001 UM_{21} 4 29.3 216°.75 7°.1/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.98	−33 25.8	2.083	2.807	16.3	20.8
4 1	14 54.08	−34 20.9	1.984	2.801	14.0	20.6
4 11	14 46.37	−34 59.2	1.904	2.795	11.4	20.4
4 21	14 36.42	−35 16.5	1.847	2.789	8.8	20.3
5 1	14 25.20	−35 10.6	1.815	2.782	7.2	20.1
5 11	14 14.00	−34 42.6	1.810	2.775	7.6	20.1
5 21	14 4.03	−33 57.3	1.830	2.768	9.7	20.3
5 31	13 56.30	−33 2.1	1.875	2.760	12.5	20.4

433453 2013 UG_{6} 4 29.3 191°.89 2°.9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.25	−23 28.0	2.056	2.831	14.9	21.6
4 1	14 50.72	−23 42.2	1.964	2.831	12.1	21.4
4 11	14 43.82	−23 43.1	1.892	2.829	8.8	21.1
4 21	14 35.11	−23 30.1	1.845	2.828	5.3	20.9
5 1	14 25.49	−23 4.2	1.825	2.826	2.9	20.8
5 11	14 16.02	−22 28.8	1.834	2.824	4.9	20.9
5 21	14 7.68	−21 48.9	1.869	2.822	8.5	21.1
5 31	14 1.27	−21 10.0	1.928	2.819	11.9	21.3

207445 2006 EU_{45} 4 29.3 251°.45 3°.1/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.41	−10 12.6	1.672	2.495	15.8	21.2
4 1	14 50.51	− 9 23.3	1.576	2.480	12.4	20.9
4 11	14 43.94	− 8 24.4	1.502	2.463	8.4	20.6
4 21	14 35.27	− 7 20.3	1.452	2.446	4.4	20.3
5 1	14 25.45	− 6 17.5	1.428	2.429	3.7	20.3
5 11	14 15.70	− 5 23.0	1.432	2.411	7.7	20.4
5 21	14 7.15	− 4 43.0	1.460	2.392	12.1	20.6
5 31	14 0.74	− 4 21.5	1.510	2.373	16.2	20.8

336334 2008 TG_{92} 4 29.3 155°.25 2°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.14	−25 41.5	2.557	3.313	12.8	22.0
4 1	14 48.48	−25 27.7	2.466	3.321	10.4	21.8
4 11	14 41.98	−25 0.0	2.398	3.328	7.6	21.7
4 21	14 34.14	−24 18.8	2.355	3.334	4.6	21.5
5 1	14 25.72	−23 26.1	2.341	3.341	2.6	21.3
5 11	14 17.52	−22 25.9	2.356	3.346	4.1	21.5
5 21	14 10.29	−21 23.0	2.400	3.351	7.0	21.6
5 31	14 4.60	−20 22.5	2.470	3.356	9.8	21.8

102876 1999 WL_{12} 4 29.3 210°.15 0°.2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.05	−17 19.5	1.920	2.721	14.9	21.0
4 1	14 49.82	−16 44.8	1.827	2.716	11.7	20.8
4 11	14 43.22	−15 57.1	1.755	2.710	8.0	20.5
4 21	14 34.84	−14 58.6	1.709	2.704	3.7	20.3
5 1	14 25.57	−13 53.6	1.690	2.697	0.8	20.0
5 11	14 16.47	−12 48.1	1.700	2.690	5.3	20.3
5 21	14 8.53	−11 48.5	1.736	2.682	9.6	20.6
5 31	14 2.51	−11 0.1	1.796	2.673	13.3	20.8

120100 2003 EY_{57} 4 29.3 355°.96 9°.5/17.7 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 47.03	+10 26.2	2.144	2.964	12.9	19.1
4 1	14 43.94	+12 30.2	2.086	2.963	11.1	18.9
4 11	14 39.03	+14 26.9	2.053	2.962	9.8	18.9
4 21	14 32.80	+16 7.9	2.044	2.961	9.6	18.8
5 1	14 25.99	+17 25.8	2.061	2.961	10.6	18.9
5 11	14 19.40	+18 16.2	2.102	2.960	12.2	19.0
5 21	14 13.74	+18 37.9	2.163	2.961	14.2	19.1
5 31	14 9.59	+18 32.3	2.243	2.961	16.0	19.3

317878 2003 UY_{112} 4 29.3 138°.69 2°.4/27.4 18

3 22	14 56.03	−10 17.1	2.021	2.829	14.0	22.1
4 1	14 50.92	− 9 34.3	1.948	2.843	10.8	21.9
4 11	14 43.68	− 8 45.1	1.898	2.856	7.2	21.7
4 21	14 34.94	− 7 53.4	1.874	2.869	3.6	21.5
5 1	14 25.57	− 7 4.2	1.879	2.880	2.9	21.5
5 11	14 16.54	− 6 22.2	1.913	2.891	6.1	21.7
5 21	14 8.70	− 5 51.5	1.974	2.902	9.7	21.9
5 31	14 2.68	− 5 34.5	2.058	2.911	12.8	22.1

102915 1999 XT_{23} 4 29.3 133°.97 0°.5/28.8 18

3 22	14 49.86	−14 34.8	3.081	3.871	10.1	20.4
4 1	14 45.49	−14 12.0	2.999	3.883	7.8	20.3
4 11	14 39.75	−13 43.3	2.941	3.895	5.2	20.1
4 21	14 33.05	−13 10.4	2.912	3.907	2.4	19.9
5 1	14 25.95	−12 35.7	2.912	3.918	0.8	19.8
5 11	14 19.03	−12 2.2	2.942	3.929	3.6	20.1
5 21	14 12.82	−11 32.5	3.000	3.939	6.3	20.2
5 31	14 7.76	−11 9.2	3.085	3.949	8.7	20.4

153937 2001 YG_{97} 4 29.3 162°.66 5°.0/25.6 18

3 22	14 56.02	− 0 47.0	2.178	2.989	13.0	20.1
4 1	14 50.79	− 0 10.9	2.102	2.994	10.3	20.0
4 11	14 43.56	+ 0 23.7	2.050	2.998	7.5	19.8
4 21	14 34.89	+ 0 52.4	2.024	3.003	5.3	19.7
5 1	14 25.58	+ 1 10.9	2.026	3.006	5.4	19.7
5 11	14 16.54	+ 1 15.9	2.056	3.009	7.7	19.8
5 21	14 8.54	+ 1 5.8	2.113	3.012	10.6	20.0
5 31	14 2.23	+ 0 40.5	2.192	3.014	13.3	20.2

80784 2000 CG_{80} 4 29.3 152°.90 3°.5/26.6 18

3 22	14 53.38	− 8 21.2	1.869	2.690	14.5	20.3
4 1	14 49.12	− 7 27.0	1.793	2.695	11.2	20.1
4 11	14 42.62	− 6 26.7	1.740	2.700	7.6	19.9
4 21	14 34.50	− 5 25.4	1.712	2.704	4.3	19.7
5 1	14 25.66	− 4 29.0	1.712	2.708	4.0	19.7
5 11	14 17.11	− 3 43.1	1.739	2.712	7.2	19.9
5 21	14 9.74	− 3 11.9	1.791	2.715	10.8	20.1
5 31	14 4.24	− 2 57.6	1.867	2.718	14.1	20.3

409384 2005 EH 4 29.3 37°.55 12°.0/ 2.8 18

3 22	15 12.05	−30 53.2	1.251	2.010	23.5	19.9
4 1	15 6.37	−33 54.1	1.188	2.026	20.2	19.7
4 11	14 55.92	−36 39.8	1.144	2.042	16.7	19.5
4 21	14 41.31	−38 56.9	1.121	2.058	13.7	19.4
5 1	14 24.21	−40 33.2	1.121	2.076	12.1	19.4
5 11	14 7.16	−41 25.0	1.145	2.094	12.8	19.5
5 21	13 52.59	−41 38.0	1.192	2.113	15.2	19.6
5 31	13 42.25	−41 25.0	1.258	2.133	18.0	19.9

142072 2002 QF_{39} 4 29.3 315°.51 0°.8/29.8 17

3 22	14 51.42	−17 12.5	1.383	2.211	18.2	20.4
4 1	14 48.90	−17 16.4	1.290	2.194	14.6	20.1
4 11	14 43.28	−17 7.1	1.216	2.177	10.1	19.8
4 21	14 35.12	−16 45.4	1.164	2.160	5.0	19.4
5 1	14 25.50	−16 14.2	1.137	2.144	1.1	19.1
5 11	14 15.87	−15 38.9	1.133	2.128	6.4	19.4
5 21	14 7.64	−15 6.3	1.154	2.113	11.8	19.7
5 31	14 1.98	−14 43.0	1.194	2.099	16.6	19.9

374613 2006 DQ_{216} 4 29.3 126°.79 6°.4/11.2 18

3 22	14 54.20	−51 54.7	4.914	5.450	9.3	21.1
4 1	14 49.05	−52 44.4	4.817	5.455	8.6	21.0
4 11	14 42.30	−53 21.5	4.739	5.459	7.9	20.9
4 21	14 34.32	−53 43.8	4.681	5.463	7.2	20.9
5 1	14 25.69	−53 50.3	4.645	5.467	6.6	20.8
5 11	14 17.07	−53 41.2	4.634	5.471	6.4	20.8
5 21	14 9.10	−53 17.9	4.647	5.475	6.6	20.8
5 31	14 2.32	−52 43.1	4.684	5.479	7.1	20.9

169019 2001 DL_{75} 4 29.3 55°.12 4°.1/26.7 18

3 22	14 53.18	− 8 10.0	1.374	2.214	17.7	20.5
4 1	14 49.61	− 7 18.9	1.314	2.226	13.7	20.3
4 11	14 43.23	− 6 21.6	1.274	2.239	9.3	20.1
4 21	14 34.84	− 5 24.3	1.258	2.251	5.2	19.9
5 1	14 25.61	− 4 34.3	1.267	2.265	4.7	19.9
5 11	14 16.88	− 3 58.4	1.300	2.278	8.5	20.1
5 21	14 9.73	− 3 40.8	1.357	2.291	12.7	20.4
5 31	14 4.97	− 3 42.9	1.435	2.305	16.5	20.7

467798 2010 AW_4 4 29.3 239°.41 1°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.68	−11 1.2	2.410	3.210	12.3	22.7
4 1	14 49.87	−10 32.2	2.301	3.191	9.6	22.5
4 11	14 43.08	− 9 56.8	2.215	3.171	6.5	22.2
4 21	14 34.76	− 9 17.5	2.156	3.151	3.1	22.0
5 1	14 25.61	− 8 37.9	2.127	3.130	2.2	21.9
5 11	14 16.47	− 8 2.1	2.127	3.107	5.4	22.0
5 21	14 8.16	− 7 33.8	2.154	3.084	8.9	22.2
5 31	14 1.36	− 7 16.0	2.207	3.061	12.1	22.4

266290 2007 BL_{36} 4 29.3 336°.36 5°.0/26.3 18

3 22	14 51.65	− 4 55.4	1.490	2.331	16.5	19.8
4 1	14 48.47	− 4 17.6	1.412	2.324	13.0	19.5
4 11	14 42.58	− 3 37.0	1.355	2.317	9.1	19.3
4 21	14 34.63	− 2 59.3	1.321	2.311	5.6	19.1
5 1	14 25.64	− 2 31.0	1.312	2.305	5.5	19.0
5 11	14 16.86	− 2 17.7	1.327	2.300	8.9	19.2
5 21	14 9.44	− 2 22.6	1.366	2.296	13.0	19.4
5 31	14 4.24	− 2 46.8	1.426	2.292	16.8	19.7

398035 2009 DY_{128} 4 29.3 336°.21 6°.0/ 1.9 16

3 22	14 56.84	−25 32.1	1.777	2.552	16.9	20.1
4 1	14 52.81	−26 56.6	1.677	2.537	14.2	19.8
4 11	14 45.81	−28 11.1	1.598	2.524	11.0	19.6
4 21	14 36.31	−29 11.4	1.542	2.511	7.8	19.4
5 1	14 25.26	−29 53.9	1.512	2.499	6.0	19.3
5 11	14 14.02	−30 18.0	1.508	2.488	7.3	19.3
5 21	14 3.96	−30 26.5	1.530	2.478	10.5	19.5
5 31	13 56.24	−30 24.9	1.574	2.468	13.9	19.6

498799 2008 UC_{254} 4 29.3 222°.58 0°.3/29.1 17

3 22	14 53.73	−14 53.4	2.243	3.040	13.1	22.2
4 1	14 49.24	−14 45.0	2.146	3.034	10.3	22.0
4 11	14 42.68	−14 28.8	2.072	3.027	7.0	21.8
4 21	14 34.56	−14 6.3	2.024	3.020	3.2	21.6
5 1	14 25.66	−13 40.2	2.005	3.012	0.8	21.3
5 11	14 16.86	−13 14.0	2.014	3.004	4.7	21.6
5 21	14 9.00	−12 51.3	2.051	2.996	8.4	21.8
5 31	14 2.79	−12 35.8	2.113	2.987	11.7	22.0

55013 2001 QB_{31} 4 29.3 200°.93 1°.2/28.4 18

3 22	14 53.76	−13 0.8	1.924	2.735	14.5	18.6
4 1	14 49.51	−12 38.4	1.837	2.733	11.3	18.4
4 11	14 42.97	−12 7.8	1.773	2.732	7.6	18.2
4 21	14 34.72	−11 31.7	1.733	2.729	3.5	17.9
5 1	14 25.63	−10 54.0	1.721	2.727	1.7	17.8
5 11	14 16.73	−10 19.4	1.737	2.724	5.7	18.0
5 21	14 8.96	− 9 52.3	1.779	2.721	9.7	18.3
5 31	14 3.07	− 9 36.2	1.845	2.718	13.2	18.5

29023 6667 P–L 4 29.3 240°.98 2°.9/ 1.6 18

3 22	14 53.81	−23 42.9	2.391	3.158	13.3	19.5
4 1	14 49.34	−24 3.1	2.289	3.150	10.8	19.3
4 11	14 42.79	−24 12.2	2.209	3.142	7.9	19.1
4 21	14 34.64	−24 9.2	2.154	3.135	4.9	18.9
5 1	14 25.64	−23 54.7	2.127	3.126	2.9	18.7
5 11	14 16.70	−23 31.2	2.129	3.118	4.5	18.8
5 21	14 8.67	−23 2.4	2.158	3.110	7.6	19.0
5 31	14 2.28	−22 32.9	2.213	3.101	10.7	19.2

422797 2001 XX_{75} 4 29.3 126°.58 1°.7/27.8 18

3 22	14 54.98	−11 24.8	2.303	3.104	12.7	22.9
4 1	14 49.82	−10 49.6	2.231	3.122	9.8	22.8
4 11	14 42.81	−10 8.3	2.184	3.140	6.5	22.6
4 21	14 34.51	− 9 24.1	2.163	3.158	3.1	22.4
5 1	14 25.70	− 8 40.9	2.171	3.174	2.1	22.3
5 11	14 17.21	− 8 2.7	2.209	3.190	5.2	22.6
5 21	14 9.77	− 7 33.1	2.275	3.205	8.5	22.8
5 31	14 3.93	− 7 14.4	2.365	3.220	11.3	23.0

302150 2001 SZ_{181} 4 29.3 247°.46 0°.9/28.7 17

3 22	14 55.82	−15 4.7	1.705	2.515	16.1	22.1
4 1	14 51.69	−14 33.9	1.603	2.498	12.7	21.9
4 11	14 44.81	−13 50.4	1.522	2.480	8.6	21.6
4 21	14 35.73	−12 56.7	1.466	2.462	4.0	21.3
5 1	14 25.42	−11 57.3	1.436	2.442	1.5	21.0
5 11	14 15.11	−10 58.8	1.434	2.422	6.4	21.3
5 21	14 6.02	−10 7.9	1.457	2.402	11.2	21.5
5 31	13 59.11	− 9 30.3	1.503	2.380	15.5	21.7

507571 2013 AL_{100} 4 29.3 181°.83 3°.7/25.4 18

3 22	14 50.88	− 2 22.0	2.936	3.742	10.1	22.5
4 1	14 46.36	− 1 42.8	2.852	3.743	7.9	22.3
4 11	14 40.38	− 1 3.5	2.793	3.743	5.7	22.2
4 21	14 33.39	− 0 27.4	2.762	3.743	3.9	22.0
5 1	14 25.93	+ 0 2.0	2.761	3.742	4.1	22.0
5 11	14 18.62	+ 0 22.1	2.788	3.741	5.9	22.2
5 21	14 12.02	+ 0 30.8	2.843	3.740	8.2	22.3
5 31	14 6.60	+ 0 27.4	2.922	3.737	10.5	22.5

103080 1999 XG_{158} 4 29.3 134.°87 0.°8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.04	−15 18.2	1.890	2.695	15.0	20.7
4 1	14 50.42	−14 44.6	1.813	2.706	11.7	20.5
4 11	14 43.49	−14 0.3	1.759	2.716	7.8	20.3
4 21	14 34.92	−13 8.4	1.730	2.726	3.5	20.0
5 1	14 25.63	−12 13.3	1.729	2.736	1.3	19.9
5 11	14 16.68	−11 20.6	1.757	2.745	5.4	20.2
5 21	14 8.97	−10 35.6	1.810	2.753	9.5	20.4
5 31	14 3.21	−10 2.4	1.888	2.761	13.0	20.6

59705 1999 JM_{120} 4 29.3 320.°75 4.°2/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.94	− 3 44.3	1.692	2.515	15.6	19.0
4 1	14 52.29	− 3 38.8	1.609	2.510	12.3	18.8
4 11	14 45.01	− 3 34.3	1.548	2.505	8.6	18.5
4 21	14 35.74	− 3 34.6	1.511	2.500	5.1	18.3
5 1	14 25.45	− 3 43.6	1.501	2.496	4.6	18.3
5 11	14 15.35	− 4 4.2	1.517	2.492	7.8	18.4
5 21	14 6.54	− 4 37.9	1.559	2.488	11.7	18.7
5 31	13 59.88	− 5 24.8	1.623	2.484	15.3	18.9

183319 2002 VT_{41} 4 29.3 241.°54 0.°6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.82	−16 28.9	1.892	2.698	14.9	20.9
4 1	14 48.96	−15 50.3	1.794	2.687	11.7	20.6
4 11	14 42.72	−14 58.7	1.718	2.675	7.9	20.4
4 21	14 34.67	−13 56.6	1.667	2.663	3.6	20.1
5 1	14 25.66	−12 48.6	1.644	2.651	1.1	19.9
5 11	14 16.78	−11 41.0	1.648	2.638	5.6	20.1
5 21	14 9.01	−10 40.2	1.679	2.624	9.9	20.4
5 31	14 3.15	− 9 51.7	1.734	2.611	13.7	20.6

270515 2002 GJ_{23} 4 29.3 56.°83 3.°4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.39	−11 18.5	1.714	2.544	15.2	20.0
4 1	14 46.16	− 9 51.3	1.646	2.554	11.7	19.8
4 11	14 40.68	− 8 13.6	1.601	2.564	7.8	19.6
4 21	14 33.62	− 6 32.1	1.581	2.575	4.2	19.4
5 1	14 25.90	− 4 54.9	1.588	2.585	4.0	19.4
5 11	14 18.55	− 3 30.2	1.622	2.596	7.5	19.7
5 21	14 12.44	− 2 23.9	1.681	2.607	11.2	19.9
5 31	14 8.21	− 1 39.2	1.763	2.618	14.6	20.1

5984 Lysippus 4 29.3 349.°31 5.°0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.85	− 6 25.8	1.282	2.133	18.1	16.9
4 1	14 48.24	− 5 39.6	1.211	2.128	14.2	16.7
4 11	14 42.62	− 4 48.1	1.158	2.124	9.8	16.4
4 21	14 34.71	− 3 57.8	1.128	2.121	5.9	16.2
5 1	14 25.67	− 3 16.6	1.122	2.118	5.7	16.1
5 11	14 16.91	− 2 51.5	1.140	2.116	9.5	16.3
5 21	14 9.71	− 2 47.0	1.179	2.115	14.0	16.6
5 31	14 5.00	− 3 4.3	1.238	2.115	18.1	16.8

212475 2006 QL_{62} 4 29.3 312.°23 2.°9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.56	−11 22.5	1.327	2.171	17.9	19.9
4 1	14 47.51	−10 45.8	1.231	2.147	14.1	19.6
4 11	14 42.41	− 9 57.1	1.155	2.122	9.6	19.3
4 21	14 34.77	− 9 0.7	1.101	2.098	4.8	18.9
5 1	14 25.62	− 8 3.4	1.071	2.075	3.5	18.8
5 11	14 16.42	− 7 13.6	1.065	2.052	8.4	19.0
5 21	14 8.56	− 6 38.9	1.082	2.030	13.7	19.2
5 31	14 3.22	− 6 24.4	1.117	2.008	18.6	19.4

170229 2003 QC_{20} 4 29.3 202.°99 4.°5/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.42	− 5 57.3	1.834	2.656	14.7	20.5
4 1	14 50.07	− 4 58.5	1.751	2.653	11.5	20.2
4 11	14 43.37	− 3 54.9	1.691	2.649	8.0	20.0
4 21	14 34.93	− 2 52.1	1.656	2.644	5.0	19.8
5 1	14 25.63	− 1 56.4	1.648	2.639	5.0	19.8
5 11	14 16.55	− 1 13.8	1.668	2.634	8.1	20.0
5 21	14 8.64	− 0 48.4	1.713	2.628	11.7	20.2
5 31	14 2.66	− 0 42.0	1.780	2.621	15.0	20.4

508299 2015 KN_{37} 4 29.3 204.°41 1.°2/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.06	−14 1.3	2.452	3.256	11.9	21.5
4 1	14 45.34	−13 15.6	2.361	3.255	9.3	21.3
4 11	14 39.90	−12 21.3	2.294	3.253	6.2	21.1
4 21	14 33.23	−11 21.4	2.254	3.251	2.8	20.9
5 1	14 25.98	−10 20.0	2.243	3.248	1.6	20.8
5 11	14 18.90	− 9 21.7	2.261	3.246	4.8	21.0
5 21	14 12.66	− 8 30.9	2.307	3.243	8.0	21.2
5 31	14 7.81	− 7 51.0	2.377	3.240	11.0	21.4

416402 2003 UF_{123} 4 29.3 231.°03 0.°2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.52	−17 13.9	1.937	2.734	14.9	22.5
4 1	14 51.08	−16 55.6	1.836	2.723	11.8	22.2
4 11	14 44.18	−16 25.4	1.756	2.710	8.1	22.0
4 21	14 35.37	−15 44.8	1.702	2.697	3.8	21.7
5 1	14 25.53	−14 57.1	1.676	2.683	0.7	21.4
5 11	14 15.77	−14 7.2	1.678	2.669	5.3	21.7
5 21	14 7.11	−13 20.9	1.706	2.654	9.6	21.9
5 31	14 0.41	−12 43.4	1.759	2.638	13.5	22.1

311526 2005 YN_{25} 4 29.3 192.°64 0.°1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.32	−16 41.3	3.324	4.106	9.6	22.7
4 1	14 45.08	−16 22.3	3.225	4.104	7.5	22.5
4 11	14 39.52	−15 56.7	3.151	4.101	5.1	22.4
4 21	14 33.00	−15 25.6	3.104	4.098	2.4	22.2
5 1	14 26.03	−14 51.2	3.088	4.095	0.5	22.0
5 11	14 19.17	−14 16.2	3.101	4.091	3.2	22.2
5 21	14 12.92	−13 43.3	3.144	4.086	5.9	22.4
5 31	14 7.74	−13 15.0	3.213	4.082	8.3	22.6

85695 1998 RE_{61} 4 29.3 149.°64 2.°5/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.23	−11 46.1	2.024	2.835	13.9	21.2
4 1	14 48.82	−10 41.0	1.946	2.843	10.7	21.0
4 11	14 42.34	− 9 27.0	1.892	2.851	7.1	20.8
4 21	14 34.37	− 8 8.6	1.864	2.859	3.6	20.6
5 1	14 25.77	− 6 51.9	1.865	2.866	3.0	20.5
5 11	14 17.48	− 5 43.1	1.895	2.872	6.3	20.8
5 21	14 10.30	− 4 47.3	1.951	2.878	9.8	21.0
5 31	14 4.88	− 4 7.7	2.030	2.883	13.0	21.2

386541 2009 CM_{59} 4 29.3 343.°40 10.°2/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.40	+ 8 41.3	1.915	2.745	13.8	20.0
4 1	14 43.73	+11 9.4	1.855	2.740	11.8	19.8
4 11	14 39.05	+13 32.1	1.819	2.736	10.4	19.7
4 21	14 32.90	+15 39.0	1.809	2.731	10.3	19.7
5 1	14 26.06	+17 20.9	1.823	2.728	11.4	19.8
5 11	14 19.45	+18 31.7	1.861	2.724	13.4	19.9
5 21	14 13.84	+19 9.5	1.920	2.721	15.5	20.0
5 31	14 9.88	+19 15.7	1.995	2.719	17.5	20.2

133260 2003 RL_{23} 4 29.3 261.°03 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.64	−18 55.0	1.844	2.641	15.6	20.4
4 1	14 51.50	−18 43.4	1.733	2.618	12.5	20.1
4 11	14 44.69	−18 18.4	1.642	2.594	8.7	19.8
4 21	14 35.72	−17 40.4	1.577	2.570	4.4	19.5
5 1	14 25.47	−16 52.0	1.538	2.545	1.0	19.2
5 11	14 15.14	−15 58.2	1.526	2.519	5.5	19.5
5 21	14 5.89	−15 5.3	1.542	2.493	10.1	19.7
5 31	13 58.71	−14 19.8	1.580	2.466	14.4	19.9

171953 2001 SN_{345} 4 29.3 137.°82 4.°3/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.73	+ 0 28.9	2.861	3.664	10.4	21.3
4 1	14 47.73	+ 1 4.0	2.790	3.677	8.2	21.1
4 11	14 41.26	+ 1 37.0	2.745	3.689	6.1	21.0
4 21	14 33.79	+ 2 4.5	2.728	3.701	4.5	20.9
5 1	14 25.91	+ 2 23.3	2.739	3.712	4.7	20.9
5 11	14 18.26	+ 2 31.0	2.779	3.723	6.4	21.1
5 21	14 11.39	+ 2 26.4	2.847	3.733	8.6	21.2
5 31	14 5.78	+ 2 9.3	2.938	3.743	10.7	21.4

86928 2000 HJ_{62} 4 29.3 251.°90 0.°3/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.76	−15 37.3	1.920	2.725	14.7	20.4
4 1	14 49.71	−15 20.5	1.821	2.713	11.6	20.2
4 11	14 43.26	−14 53.4	1.743	2.700	7.9	19.9
4 21	14 34.95	−14 17.7	1.691	2.686	3.7	19.6
5 1	14 25.65	−13 36.8	1.666	2.673	0.9	19.4
5 11	14 16.41	−12 55.6	1.668	2.659	5.4	19.7
5 21	14 8.26	−12 19.1	1.697	2.644	9.7	19.9
5 31	14 2.01	−11 52.0	1.750	2.630	13.5	20.1

320401 2007 UK_{109} 4 29.3 85.°61 0.°4/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.63	−15 11.9	2.155	2.959	13.4	21.0
4 1	14 47.55	−14 54.8	2.075	2.967	10.4	20.8
4 11	14 41.48	−14 29.3	2.018	2.975	7.0	20.6
4 21	14 33.99	−13 57.4	1.987	2.983	3.2	20.4
5 1	14 25.86	−13 22.3	1.984	2.991	0.8	20.2
5 11	14 17.97	−12 48.2	2.009	2.998	4.7	20.5
5 21	14 11.11	−12 18.9	2.060	3.006	8.3	20.7
5 31	14 5.89	−11 57.8	2.137	3.014	11.5	20.9

437724 2014 DR_{116} 4 29.3 294.°18 3.°3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.30	− 8 16.4	2.187	3.009	12.6	20.8
4 1	14 44.97	− 7 16.5	2.099	3.002	9.8	20.6
4 11	14 39.78	− 6 10.5	2.035	2.996	6.6	20.4
4 21	14 33.23	− 5 3.0	1.997	2.989	3.8	20.2
5 1	14 26.01	− 3 59.5	1.987	2.982	3.8	20.2
5 11	14 18.95	− 3 5.2	2.005	2.975	6.6	20.4
5 21	14 12.79	− 2 24.2	2.049	2.969	9.8	20.6
5 31	14 8.14	− 1 59.3	2.115	2.962	12.8	20.7

478062 2011 UZ_{2} 4 29.3 184.°39 2.°5/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.74	−24 2.4	3.026	3.777	11.1	22.2
4 1	14 48.78	−24 19.8	2.925	3.777	9.0	22.0
4 11	14 42.14	−24 27.6	2.848	3.777	6.6	21.9
4 21	14 34.29	−24 25.6	2.798	3.776	4.1	21.7
5 1	14 25.81	−24 14.3	2.777	3.775	2.5	21.6
5 11	14 17.42	−23 55.6	2.786	3.773	3.8	21.7
5 21	14 9.78	−23 32.4	2.823	3.771	6.2	21.8
5 31	14 3.43	−23 8.1	2.887	3.769	8.7	22.0

38560 1999 VC_{123} 4 29.3 286°.14 1°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.78	−13 15.7	2.385	3.191	12.2	19.6
4 1	14 46.10	−12 54.6	2.281	3.174	9.5	19.4
4 11	14 40.56	−12 26.3	2.200	3.158	6.4	19.2
4 21	14 33.62	−11 53.0	2.146	3.142	3.0	18.9
5 1	14 25.94	−11 17.8	2.120	3.125	1.4	18.8
5 11	14 18.31	−10 44.5	2.122	3.109	4.8	19.0
5 21	14 11.48	−10 16.7	2.151	3.092	8.3	19.2
5 31	14 6.10	− 9 57.8	2.205	3.076	11.4	19.4

230065 2000 TM_{48} 4 29.3 157°.12 3°.2/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.11	− 6 36.9	2.428	3.237	11.9	21.3
4 1	14 48.36	− 5 48.9	2.350	3.245	9.2	21.1
4 11	14 41.86	− 4 57.6	2.296	3.252	6.3	21.0
4 21	14 34.13	− 4 7.0	2.270	3.259	3.7	20.8
5 1	14 25.86	− 3 21.4	2.272	3.265	3.6	20.8
5 11	14 17.82	− 2 44.8	2.304	3.270	6.1	21.0
5 21	14 10.70	− 2 20.0	2.362	3.275	9.0	21.1
5 31	14 5.05	− 2 8.8	2.445	3.280	11.7	21.3

11154 Kobushi 4 29.3 301°.00 4°.1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.07	−23 51.7	1.442	2.244	18.9	17.1
4 1	14 51.04	−24 19.8	1.350	2.232	15.6	16.8
4 11	14 44.79	−24 31.1	1.276	2.220	11.5	16.6
4 21	14 35.89	−24 23.2	1.224	2.208	7.1	16.3
5 1	14 25.48	−23 56.2	1.196	2.197	4.1	16.1
5 11	14 15.09	−23 14.3	1.193	2.185	6.6	16.2
5 21	14 6.20	−22 24.8	1.213	2.174	11.2	16.4
5 31	13 59.99	−21 36.2	1.255	2.164	15.7	16.6

73701 Siegfriedbauer 4 29.3 121°.44 1°.8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.03	−20 22.7	1.741	2.536	16.4	19.6
4 1	14 51.58	−20 23.7	1.662	2.544	13.1	19.4
4 11	14 44.52	−20 11.1	1.603	2.552	9.2	19.2
4 21	14 35.51	−19 45.2	1.569	2.560	4.8	18.9
5 1	14 25.59	−19 8.7	1.561	2.567	1.8	18.7
5 11	14 15.98	−18 26.4	1.581	2.574	5.2	19.0
5 21	14 7.75	−17 44.2	1.627	2.581	9.4	19.2
5 31	14 1.71	−17 7.8	1.696	2.588	13.2	19.5

209286 2003 YT_{40} 4 29.3 152°.10 0°.5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.60	−17 51.3	2.160	2.957	13.6	21.2
4 1	14 47.63	−17 37.4	2.072	2.958	10.7	21.0
4 11	14 41.62	−17 13.2	2.006	2.959	7.3	20.8
4 21	14 34.11	−16 40.0	1.966	2.960	3.5	20.6
5 1	14 25.88	−16 0.8	1.954	2.961	0.7	20.3
5 11	14 17.83	−15 19.8	1.970	2.962	4.5	20.6
5 21	14 10.80	−14 41.4	2.013	2.963	8.2	20.8
5 31	14 5.44	−14 9.9	2.080	2.964	11.5	21.1

331903 2004 PA_{114} 4 29.3 260°.11 6°.8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.98	+ 0 36.2	2.009	2.835	13.4	20.6
4 1	14 47.29	+ 2 2.2	1.921	2.819	10.8	20.3
4 11	14 41.49	+ 3 29.4	1.856	2.802	8.3	20.2
4 21	14 34.09	+ 4 50.8	1.817	2.786	6.8	20.0
5 1	14 25.87	+ 5 59.1	1.805	2.768	7.5	20.0
5 11	14 17.76	+ 6 47.9	1.819	2.751	10.0	20.1
5 21	14 10.61	+ 7 14.0	1.856	2.733	12.9	20.3
5 31	14 5.13	+ 7 16.3	1.915	2.715	15.7	20.4

7219 Satterwhite 4 29.3 161°.44 0°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.78	−18 12.8	2.440	3.222	12.6	19.5
4 1	14 49.79	−17 58.8	2.352	3.229	10.0	19.3
4 11	14 42.91	−17 35.2	2.287	3.235	6.8	19.2
4 21	14 34.66	−17 3.3	2.248	3.241	3.3	18.9
5 1	14 25.78	−16 25.4	2.239	3.246	0.7	18.7
5 11	14 17.11	−15 45.5	2.259	3.251	4.1	19.0
5 21	14 9.40	−15 7.4	2.308	3.254	7.5	19.2
5 31	14 3.25	−14 35.0	2.382	3.257	10.6	19.4

497323 2005 TU_{125} 4 29.4 186°.52 0°.2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.74	−17 0.4	2.287	3.076	13.2	23.6
4 1	14 49.95	−16 44.5	2.193	3.076	10.4	23.4
4 11	14 43.13	−16 19.1	2.123	3.075	7.0	23.2
4 21	14 34.80	−15 45.5	2.079	3.074	3.3	23.0
5 1	14 25.75	−15 6.6	2.064	3.072	0.6	22.7
5 11	14 16.86	−14 26.4	2.078	3.069	4.5	23.0
5 21	14 8.95	−13 49.2	2.120	3.066	8.1	23.2
5 31	14 2.70	−13 18.8	2.187	3.062	11.4	23.4

42858 1999 RL_{88} 4 29.4 298°.79 2°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.25	−13 40.9	1.450	2.284	17.2	19.5
4 1	14 47.69	−12 50.3	1.359	2.268	13.5	19.2
4 11	14 42.29	−11 45.0	1.287	2.252	9.1	18.9
4 21	14 34.64	−10 29.3	1.239	2.237	4.3	18.6
5 1	14 25.76	− 9 10.3	1.217	2.221	2.8	18.5
5 11	14 16.97	− 7 56.9	1.219	2.206	7.6	18.7
5 21	14 9.53	− 6 57.3	1.245	2.191	12.6	18.9
5 31	14 4.41	− 6 17.3	1.292	2.176	17.0	19.1

124597 2001 SY_{26} 4 29.4 34°.82 5°.9/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 48.20	− 7 17.8	1.438	2.286	16.6	19.0
4 1	14 45.64	− 5 19.7	1.377	2.294	12.9	18.8
4 11	14 40.54	− 3 12.7	1.339	2.302	9.0	18.5
4 21	14 33.64	− 1 6.9	1.324	2.312	6.1	18.4
5 1	14 25.99	+ 0 46.4	1.336	2.321	6.9	18.5
5 11	14 18.76	+ 2 17.3	1.373	2.331	10.2	18.7
5 21	14 12.93	+ 3 20.1	1.432	2.342	13.9	18.9
5 31	14 9.21	+ 3 53.3	1.512	2.353	17.2	19.2

10925 Ventoux 4 29.4 133°.02 1°.4/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.77	−20 14.7	1.925	2.718	15.2	18.4
4 1	14 49.59	−20 7.1	1.841	2.723	12.1	18.2
4 11	14 43.07	−19 46.6	1.779	2.728	8.4	18.0
4 21	14 34.82	−19 14.0	1.741	2.732	4.4	17.8
5 1	14 25.75	−18 32.0	1.730	2.736	1.4	17.6
5 11	14 16.92	−17 45.3	1.747	2.740	4.8	17.8
5 21	14 9.30	−16 59.5	1.791	2.744	8.8	18.1
5 31	14 3.61	−16 19.8	1.859	2.748	12.4	18.3

92477 2000 LP_5 4 29.4 270°.39 2°.5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.39	−12 41.2	1.608	2.432	16.3	19.6
4 1	14 49.98	−11 48.0	1.505	2.409	12.9	19.4
4 11	14 43.79	−10 41.2	1.423	2.385	8.7	19.0
4 21	14 35.35	− 9 24.9	1.365	2.361	4.2	18.7
5 1	14 25.62	− 8 5.7	1.334	2.337	3.1	18.6
5 11	14 15.86	− 6 51.9	1.329	2.312	7.6	18.8
5 21	14 7.28	− 5 51.3	1.349	2.287	12.4	19.0
5 31	14 0.92	− 5 9.8	1.390	2.261	16.8	19.2

416017 2002 CA_{162} 4 29.4 57°.13 9°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.42	+ 6 52.1	1.585	2.415	16.2	20.2
4 1	14 49.27	+ 8 15.4	1.543	2.435	13.3	20.0
4 11	14 42.72	+ 9 29.4	1.522	2.456	10.8	19.9
4 21	14 34.57	+10 25.6	1.525	2.476	9.6	19.9
5 1	14 25.85	+10 57.1	1.552	2.497	10.2	20.0
5 11	14 17.68	+11 0.6	1.603	2.518	12.2	20.2
5 21	14 10.95	+10 36.8	1.675	2.539	14.7	20.4
5 31	14 6.29	+ 9 48.7	1.766	2.560	17.1	20.6

344580 2003 AR_{84} 4 29.4 124°.01 1°.7/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.94	− 9 55.4	2.674	3.474	11.2	21.7
4 1	14 48.05	− 9 34.3	2.599	3.490	8.6	21.6
4 11	14 41.57	− 9 9.4	2.548	3.505	5.7	21.4
4 21	14 33.99	− 8 43.0	2.525	3.520	2.8	21.2
5 1	14 25.95	− 8 18.0	2.532	3.534	2.0	21.2
5 11	14 18.15	− 7 57.4	2.568	3.548	4.6	21.4
5 21	14 11.20	− 7 43.5	2.632	3.561	7.5	21.6
5 31	14 5.60	− 7 38.2	2.721	3.574	10.1	21.8

114975 2003 QD_{64} 4 29.4 256°.28 1°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.24	−11 3.5	2.165	2.971	13.3	19.7
4 1	14 49.78	−10 53.4	2.063	2.957	10.4	19.5
4 11	14 43.16	−10 38.1	1.985	2.943	7.0	19.3
4 21	14 34.90	−10 19.5	1.933	2.928	3.3	19.0
5 1	14 25.75	−10 0.8	1.909	2.914	1.9	18.9
5 11	14 16.64	− 9 45.4	1.913	2.898	5.4	19.1
5 21	14 8.46	− 9 36.5	1.945	2.883	9.2	19.3
5 31	14 1.95	− 9 37.0	2.000	2.868	12.6	19.4

170943 2005 AJ_{54} 4 29.4 4°.32 4°.2/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.50	−22 33.8	1.144	1.974	21.2	19.7
4 1	14 48.69	−23 11.5	1.074	1.973	17.2	19.4
4 11	14 43.38	−23 30.8	1.020	1.973	12.6	19.2
4 21	14 35.26	−23 29.8	0.986	1.974	7.6	18.9
5 1	14 25.67	−23 9.0	0.974	1.977	4.2	18.7
5 11	14 16.39	−22 34.0	0.985	1.981	7.0	18.9
5 21	14 8.96	−21 52.7	1.018	1.986	12.0	19.2
5 31	14 4.52	−21 14.3	1.071	1.992	16.7	19.4

391382 2006 WS_{108} 4 29.4 135°.34 2°.0/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.42	− 8 50.3	2.726	3.530	10.9	22.2
4 1	14 46.90	− 8 27.3	2.646	3.539	8.4	22.0
4 11	14 40.82	− 8 1.1	2.591	3.548	5.6	21.9
4 21	14 33.66	− 7 34.1	2.563	3.556	2.9	21.7
5 1	14 26.03	− 7 9.3	2.564	3.565	2.3	21.7
5 11	14 18.58	− 6 49.6	2.595	3.573	4.8	21.8
5 21	14 11.93	− 6 37.3	2.653	3.580	7.6	22.0
5 31	14 6.57	− 6 33.9	2.737	3.588	10.1	22.2

391563 2007 TN_{134} 4 29.4 208°.50 0°.1/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.77	−14 33.7	2.255	3.051	13.1	21.5
4 1	14 50.04	−14 41.9	2.162	3.049	10.3	21.3
4 11	14 43.24	−14 43.8	2.093	3.047	7.0	21.0
4 21	14 34.90	−14 40.3	2.050	3.045	3.3	20.8
5 1	14 25.77	−14 33.2	2.036	3.043	0.6	20.6
5 11	14 16.77	−14 25.3	2.050	3.040	4.5	20.9
5 21	14 8.74	−14 19.5	2.092	3.038	8.2	21.1
5 31	14 2.35	−14 18.7	2.158	3.035	11.4	21.3

48933 1998 *QD* 4 29.4 247.°66 1.°7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.10	−12 44.2	1.944	2.754	14.4	20.7
4 1	14 49.95	−12 9.2	1.842	2.738	11.3	20.4
4 11	14 43.43	−11 24.6	1.762	2.721	7.6	20.2
4 21	14 35.08	−10 33.5	1.708	2.704	3.6	19.9
5 1	14 25.73	− 9 40.3	1.682	2.686	2.1	19.7
5 11	14 16.42	− 8 50.8	1.683	2.668	6.1	19.9
5 21	14 8.15	− 8 10.2	1.711	2.649	10.3	20.1
5 31	14 1.74	− 7 42.7	1.763	2.630	14.0	20.3

292978 2006 VL_{149} 4 29.4 183.°92 1.°1/28.2 17

3 22	14 50.69	−12 27.0	2.832	3.629	10.7	21.9
4 1	14 46.37	−12 1.1	2.740	3.629	8.3	21.8
4 11	14 40.51	−11 29.7	2.673	3.629	5.5	21.6
4 21	14 33.55	−10 54.8	2.633	3.628	2.6	21.4
5 1	14 26.07	−10 19.3	2.622	3.627	1.4	21.3
5 11	14 18.73	− 9 46.4	2.642	3.626	4.2	21.5
5 21	14 12.12	− 9 19.0	2.689	3.624	7.1	21.7
5 31	14 6.76	− 8 59.5	2.762	3.622	9.8	21.8

416816 2005 GF_{202} 4 29.4 311.°86 2.°0/27.9 17

3 22	14 49.85	−14 4.0	1.431	2.266	17.4	21.1
4 1	14 47.36	−13 13.3	1.345	2.255	13.6	20.8
4 11	14 42.04	−12 7.9	1.279	2.244	9.1	20.5
4 21	14 34.52	−10 52.1	1.237	2.234	4.3	20.2
5 1	14 25.86	− 9 33.2	1.219	2.224	2.6	20.0
5 11	14 17.36	− 8 20.1	1.227	2.214	7.4	20.3
5 21	14 10.25	− 7 20.8	1.258	2.205	12.3	20.6
5 31	14 5.46	− 6 40.9	1.310	2.196	16.7	20.8

99473 2002 CP_{112} 4 29.4 46.°01 4.°5/26.5 18

3 22	14 51.73	− 9 0.4	1.252	2.100	18.6	18.9
4 1	14 48.75	− 7 52.2	1.195	2.112	14.4	18.6
4 11	14 42.82	− 6 35.4	1.159	2.125	9.7	18.4
4 21	14 34.77	− 5 17.7	1.145	2.139	5.4	18.2
5 1	14 25.85	− 4 8.2	1.155	2.152	5.2	18.2
5 11	14 17.47	− 3 15.5	1.189	2.167	9.1	18.5
5 21	14 10.77	− 2 44.5	1.246	2.181	13.5	18.8
5 31	14 6.57	− 2 37.1	1.323	2.196	17.4	19.0

259751 2003 YK_{181} 4 29.4 13.°19 2.°2/30.5 17

3 22	14 54.96	−18 50.7	1.418	2.234	18.5	20.1
4 1	14 51.45	−19 19.7	1.342	2.236	14.8	19.8
4 11	14 44.85	−19 36.4	1.284	2.238	10.4	19.6
4 21	14 35.84	−19 40.3	1.249	2.241	5.5	19.3
5 1	14 25.61	−19 32.7	1.238	2.244	2.2	19.1
5 11	14 15.62	−19 17.4	1.253	2.248	6.0	19.3
5 21	14 7.22	−18 59.9	1.292	2.252	10.8	19.6
5 31	14 1.40	−18 46.2	1.353	2.257	15.1	19.9

102781 1999 VO_{148} 4 29.4 225.°69 0.°8/30.0 18

3 22	14 52.76	−18 57.0	2.272	3.060	13.3	21.0
4 1	14 48.55	−18 42.0	2.172	3.052	10.5	20.8
4 11	14 42.28	−18 15.9	2.094	3.044	7.3	20.6
4 21	14 34.48	−17 40.0	2.043	3.035	3.6	20.3
5 1	14 25.89	−16 56.6	2.019	3.026	0.9	20.1
5 11	14 17.40	−16 10.0	2.024	3.017	4.4	20.3
5 21	14 9.86	−15 24.9	2.057	3.007	8.1	20.5
5 31	14 3.94	−14 45.8	2.115	2.996	11.4	20.7

228355 2000 SU_{316} 4 29.4 294.°22 3.°2/ 2.1 17

3 22	14 50.38	−26 38.4	1.753	2.536	16.8	20.3
4 1	14 47.50	−26 14.0	1.651	2.522	13.8	20.1
4 11	14 42.00	−25 27.7	1.570	2.508	10.2	19.8
4 21	14 34.48	−24 19.3	1.512	2.495	6.2	19.6
5 1	14 25.88	−22 51.7	1.479	2.481	3.2	19.3
5 11	14 17.42	−21 11.5	1.474	2.467	5.4	19.4
5 21	14 10.22	−19 28.0	1.494	2.454	9.6	19.7
5 31	14 5.15	−17 50.6	1.539	2.441	13.7	19.9

67263 2000 ER_{150} 4 29.4 173.°38 0.°4/29.1 18

3 22	14 51.41	−15 42.1	2.174	2.976	13.3	19.3
4 1	14 47.46	−15 18.5	2.086	2.977	10.4	19.1
4 11	14 41.50	−14 45.4	2.021	2.977	7.0	18.9
4 21	14 34.09	−14 5.2	1.982	2.978	3.2	18.7
5 1	14 25.98	−13 21.1	1.971	2.978	0.8	18.5
5 11	14 18.06	−12 37.8	1.988	2.978	4.7	18.8
5 21	14 11.12	−11 59.6	2.033	2.978	8.4	19.0
5 31	14 5.82	−11 30.2	2.101	2.978	11.7	19.2

119374 2001 SL_{311} 4 29.4 186.°44 5.°7/24.0 17

3 22	14 51.68	− 2 36.5	2.008	2.833	13.5	20.3
4 1	14 47.70	− 1 9.8	1.932	2.833	10.6	20.1
4 11	14 41.67	+ 0 19.6	1.880	2.832	7.8	19.9
4 21	14 34.16	+ 1 45.1	1.854	2.831	5.8	19.8
5 1	14 25.97	+ 2 59.4	1.855	2.830	6.4	19.8
5 11	14 18.01	+ 3 56.5	1.883	2.828	8.9	19.9
5 21	14 11.10	+ 4 33.0	1.937	2.826	11.8	20.1
5 31	14 5.87	+ 4 47.5	2.011	2.824	14.6	20.3

464234 2015 BL_{412} 4 29.4 283.°08 5.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.91	− 2 40.8	1.805	2.635	14.5	21.1
4 1	14 48.38	− 1 39.1	1.710	2.614	11.6	20.9
4 11	14 42.45	− 0 34.4	1.637	2.592	8.4	20.6
4 21	14 34.66	+ 0 27.4	1.589	2.571	6.0	20.4
5 1	14 25.85	+ 1 19.0	1.567	2.549	6.4	20.4
5 11	14 17.08	+ 1 54.1	1.571	2.528	9.3	20.5
5 21	14 9.35	+ 2 8.9	1.600	2.506	12.9	20.7
5 31	14 3.50	+ 2 1.7	1.649	2.484	16.3	20.8

478896 2012 WC_{18} 4 29.4 318.°27 1.°1/30.2 17

3 22	14 52.60	−18 1.0	2.003	2.802	14.4	21.0
4 1	14 48.72	−18 10.4	1.910	2.796	11.5	20.7
4 11	14 42.56	−18 10.1	1.838	2.790	7.9	20.5
4 21	14 34.66	−18 0.7	1.792	2.784	4.0	20.3
5 1	14 25.86	−17 43.9	1.772	2.779	1.2	20.0
5 11	14 17.16	−17 23.1	1.780	2.773	4.7	20.3
5 21	14 9.51	−17 2.5	1.815	2.768	8.7	20.5
5 31	14 3.68	−16 46.1	1.873	2.763	12.3	20.7

405205 2003 HS_{29} 4 29.4 348.°94 0.°7/29.1 17

3 22	14 49.78	−13 16.9	1.037	1.895	20.8	20.0
4 1	14 48.32	−13 28.8	0.965	1.886	16.5	19.7
4 11	14 43.28	−13 30.8	0.909	1.878	11.2	19.4
4 21	14 35.30	−13 24.9	0.874	1.872	5.2	19.0
5 1	14 25.71	−13 15.1	0.860	1.867	1.4	18.7
5 11	14 16.32	−13 7.0	0.868	1.863	7.7	19.1
5 21	14 8.77	−13 6.5	0.897	1.861	13.6	19.4
5 31	14 4.28	−13 18.2	0.944	1.861	18.8	19.7

99837 2002 NJ_{21} 4 29.4 350.°03 4.°4/26.6 18

3 22	14 44.76	−10 6.3	1.082	1.949	19.5	17.9
4 1	14 44.03	− 9 6.2	1.012	1.940	15.2	17.6
4 11	14 40.12	− 7 53.2	0.960	1.932	10.3	17.3
4 21	14 33.72	− 6 34.8	0.929	1.925	5.6	17.0
5 1	14 26.04	− 5 21.3	0.920	1.920	5.2	17.0
5 11	14 18.64	− 4 23.3	0.933	1.917	9.8	17.2
5 21	14 12.89	− 3 48.5	0.966	1.915	14.9	17.5
5 31	14 9.80	− 3 40.4	1.017	1.914	19.5	17.7

483552 2003 XR_{15} 4 29.4 85.°94 17.°2/25.7 18

3 22	15 13.30	+19 58.8	1.065	1.866	24.3	20.3
4 1	15 6.15	+20 45.4	1.019	1.875	21.5	20.2
4 11	14 54.75	+21 2.0	0.988	1.884	19.0	20.0
4 21	14 40.33	+20 35.5	0.975	1.893	17.4	19.9
5 1	14 24.81	+19 17.8	0.983	1.901	17.4	20.0
5 11	14 10.38	+17 10.8	1.011	1.910	19.1	20.1
5 21	13 58.72	+14 25.1	1.060	1.919	21.7	20.3
5 31	13 50.80	+11 14.1	1.126	1.927	24.4	20.5

300109 2006 UW_{321} 4 29.4 188.°59 6.°2/21.2 18

3 22	14 49.98	+ 8 41.8	3.185	3.982	9.6	21.8
4 1	14 45.60	+ 9 48.3	3.113	3.981	8.1	21.7
4 11	14 39.88	+10 49.8	3.066	3.980	6.7	21.6
4 21	14 33.24	+11 42.0	3.045	3.977	6.2	21.6
5 1	14 26.17	+12 20.9	3.053	3.974	6.7	21.6
5 11	14 19.25	+12 43.9	3.088	3.971	8.0	21.7
5 21	14 12.98	+12 50.0	3.147	3.967	9.6	21.8
5 31	14 7.80	+12 39.4	3.228	3.962	11.2	21.9

166874 2002 XT_{55} 4 29.4 272.°62 13.°5/ 9.5 18

3 22	14 56.38	−44 6.7	1.251	1.973	25.3	19.5
4 1	14 54.35	−45 2.9	1.167	1.967	22.8	19.3
4 11	14 47.84	−45 23.1	1.097	1.961	19.9	19.1
4 21	14 37.58	−44 57.1	1.042	1.956	16.8	18.8
5 1	14 25.28	−43 37.9	1.005	1.950	14.3	18.7
5 11	14 13.33	−41 28.0	0.988	1.944	13.5	18.6
5 21	14 3.89	−38 40.1	0.993	1.939	15.0	18.7
5 31	13 58.36	−35 34.1	1.019	1.933	18.0	18.8

437220 2012 WX_{24} 4 29.4 207.°12 1.°8/ 1.3 18

3 22	14 51.24	−23 35.4	2.700	3.465	12.0	21.6
4 1	14 47.04	−23 16.3	2.597	3.460	9.7	21.4
4 11	14 41.09	−22 44.8	2.518	3.455	6.9	21.2
4 21	14 33.88	−22 1.6	2.464	3.449	3.9	21.0
5 1	14 26.05	−21 8.7	2.439	3.443	1.9	20.8
5 11	14 18.34	−20 9.9	2.444	3.436	3.8	21.0
5 21	14 11.46	−19 9.6	2.478	3.429	6.8	21.2
5 31	14 5.97	−18 12.6	2.537	3.422	9.7	21.3

33377 Večerníček 4 29.4 323.°49 6.°7/ 2.7 18

3 22	14 53.17	−27 6.2	1.284	2.086	20.8	18.8
4 1	14 50.91	−28 2.3	1.196	2.073	17.5	18.5
4 11	14 45.08	−28 39.5	1.125	2.061	13.5	18.2
4 21	14 36.21	−28 53.3	1.074	2.049	9.4	17.9
5 1	14 25.54	−28 40.9	1.045	2.038	6.7	17.7
5 11	14 14.84	−28 5.2	1.040	2.028	8.2	17.8
5 21	14 5.83	−27 13.7	1.056	2.018	12.3	18.0
5 31	13 59.86	−26 17.0	1.093	2.010	16.8	18.2

22613 Callander 4 29.4 346°.39 1°.3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 45.36	−17 17.2	1.190	2.038	19.3	18.1
4 1	14 44.33	−16 16.1	1.112	2.029	15.2	17.8
4 11	14 40.24	−14 53.1	1.054	2.021	10.2	17.5
4 21	14 33.75	−13 13.3	1.017	2.015	4.7	17.2
5 1	14 26.06	−11 25.7	1.003	2.010	2.0	17.0
5 11	14 18.64	− 9 42.6	1.014	2.005	7.7	17.3
5 21	14 12.81	− 8 15.3	1.046	2.002	13.1	17.6
5 31	14 9.54	− 7 11.8	1.098	2.000	17.9	17.8

141046 2001 WR_{89} 4 29.4 89°.29 0°.7/30.1 17

3 22	14 50.82	−19 50.8	2.405	3.191	12.7	20.3
4 1	14 46.68	−19 18.4	2.330	3.209	10.0	20.1
4 11	14 40.78	−18 34.7	2.278	3.228	6.8	19.9
4 21	14 33.69	−17 41.8	2.253	3.246	3.3	19.7
5 1	14 26.10	−16 43.0	2.257	3.264	0.8	19.6
5 11	14 18.81	−15 43.1	2.289	3.281	4.0	19.8
5 21	14 12.50	−14 46.5	2.350	3.299	7.2	20.1
5 31	14 7.68	−13 57.4	2.436	3.316	10.2	20.3

187470 2006 BH_{59} 4 29.4 283°.20 2°.4/25.5 18

3 22	14 42.85	− 3 52.3	4.367	5.176	7.0	20.7
4 1	14 39.82	− 3 17.2	4.277	5.171	5.4	20.6
4 11	14 35.90	− 2 41.6	4.213	5.166	3.8	20.4
4 21	14 31.37	− 2 7.4	4.178	5.161	2.5	20.3
5 1	14 26.55	− 1 36.9	4.172	5.157	2.6	20.3
5 11	14 21.80	− 1 11.9	4.195	5.152	4.0	20.4
5 21	14 17.46	− 0 54.1	4.246	5.147	5.7	20.6
5 31	14 13.81	− 0 44.3	4.322	5.142	7.3	20.7

319690 2006 TF_{102} 4 29.4 326°.38 0°.4/29.7 17

3 22	14 49.66	−19 12.1	1.450	2.273	17.8	20.4
4 1	14 47.23	−18 38.0	1.364	2.265	14.1	20.2
4 11	14 41.97	−17 45.6	1.298	2.257	9.7	19.9
4 21	14 34.51	−16 37.1	1.254	2.250	4.7	19.6
5 1	14 25.92	−15 18.1	1.236	2.243	0.8	19.3
5 11	14 17.53	−13 56.9	1.243	2.237	6.1	19.6
5 21	14 10.56	−12 42.5	1.274	2.231	11.2	19.9
5 31	14 5.94	−11 42.4	1.327	2.226	15.7	20.1

482102 2010 MX_{45} 4 29.4 274°.64 0°.6/28.6 16

3 22	14 50.23	−17 14.2	2.720	3.508	11.3	22.1
4 1	14 46.30	−16 11.6	2.595	3.479	8.9	21.9
4 11	14 40.65	−14 56.5	2.495	3.449	6.0	21.6
4 21	14 33.72	−13 31.3	2.423	3.418	2.8	21.4
5 1	14 26.08	−12 0.1	2.381	3.387	1.1	21.2
5 11	14 18.45	−10 28.4	2.369	3.355	4.5	21.4
5 21	14 11.51	− 9 1.6	2.387	3.323	7.9	21.6
5 31	14 5.87	− 7 44.9	2.432	3.290	10.9	21.7

267728 2003 EG_{59} 4 29.4 15°.18 25°.5/22.9 17

3 22	15 17.72	−56 46.9	1.239	1.859	29.8	18.6
4 1	15 16.90	−61 37.1	1.200	1.869	28.7	18.5
4 11	15 8.31	−65 54.8	1.175	1.881	27.7	18.5
4 21	14 49.98	−69 21.5	1.162	1.896	26.8	18.4
5 1	14 22.35	−71 38.2	1.163	1.912	26.1	18.4
5 11	13 50.92	−72 35.6	1.175	1.931	25.7	18.5
5 21	13 24.38	−72 21.3	1.198	1.951	25.5	18.5
5 31	13 8.93	−71 16.4	1.231	1.974	25.6	18.6

150680 2001 OZ_{42} 4 29.4 157°.63 3°.3/ 2.3 18

3 22	14 55.33	−26 26.8	2.158	2.918	14.8	20.6
4 1	14 50.67	−26 25.2	2.069	2.924	12.1	20.4
4 11	14 43.75	−26 7.7	2.001	2.930	8.9	20.2
4 21	14 35.17	−25 33.9	1.958	2.935	5.6	20.0
5 1	14 25.81	−24 45.5	1.942	2.940	3.4	19.9
5 11	14 16.69	−23 46.7	1.954	2.944	4.8	20.0
5 21	14 8.73	−22 43.2	1.994	2.947	8.1	20.2
5 31	14 2.65	−21 41.5	2.060	2.950	11.3	20.4

201446 2003 FM_{48} 4 29.4 356°.60 1°.8/30.3 18

3 22	14 53.90	−18 53.9	1.257	2.083	19.8	20.4
4 1	14 51.02	−19 7.9	1.180	2.081	15.8	20.1
4 11	14 44.79	−19 7.1	1.122	2.080	11.1	19.8
4 21	14 35.91	−18 51.2	1.085	2.079	5.7	19.5
5 1	14 25.65	−18 22.9	1.072	2.079	1.8	19.3
5 11	14 15.63	−17 48.0	1.083	2.079	6.5	19.6
5 21	14 7.35	−17 13.6	1.117	2.080	11.8	19.8
5 31	14 1.89	−16 46.8	1.172	2.081	16.5	20.1

346846 2009 DB_{110} 4 29.4 55°.26 4°.7/ 3.6 18

3 22	14 51.92	−30 4.9	2.107	2.859	15.3	20.6
4 1	14 48.18	−30 14.4	2.021	2.865	12.8	20.5
4 11	14 42.15	−30 6.0	1.955	2.871	9.8	20.3
4 21	14 34.45	−29 38.6	1.913	2.878	6.8	20.1
5 1	14 25.96	−28 53.3	1.897	2.885	4.8	20.0
5 11	14 17.72	−27 54.0	1.907	2.892	5.5	20.1
5 21	14 10.66	−26 46.7	1.945	2.899	8.2	20.2
5 31	14 5.47	−25 38.2	2.007	2.906	11.2	20.4

79037 3116 $T\text{-}_2$ 4 29.4 135°.13 1°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.07	−13 36.2	1.847	2.655	15.1	20.5
4 1	14 51.31	−13 7.0	1.772	2.666	11.8	20.3
4 11	14 44.19	−12 28.7	1.718	2.676	7.9	20.1
4 21	14 35.38	−11 44.3	1.690	2.686	3.6	19.8
5 1	14 25.81	−10 58.3	1.690	2.696	1.7	19.7
5 11	14 16.58	−10 16.0	1.718	2.705	5.7	20.0
5 21	14 8.62	− 9 42.0	1.772	2.713	9.7	20.2
5 31	14 2.65	− 9 20.0	1.850	2.721	13.3	20.5

337788 2001 UE_{198} 4 29.4 324°.58 1°.2/27.4 18

3 22	14 43.03	−11 54.9	4.023	4.823	7.7	20.0
4 1	14 40.06	−11 5.9	3.927	4.819	5.9	19.9
4 11	14 36.11	−10 12.4	3.857	4.815	3.9	19.7
4 21	14 31.49	− 9 16.4	3.816	4.811	1.9	19.5
5 1	14 26.56	− 8 20.7	3.805	4.807	1.5	19.5
5 11	14 21.73	− 7 28.0	3.825	4.803	3.3	19.6
5 21	14 17.34	− 6 40.6	3.873	4.799	5.4	19.8
5 31	14 13.73	− 6 0.6	3.947	4.796	7.3	19.9

501265 2013 WE_{12} 4 29.4 221°.93 6°.4/23.4 17

3 22	14 53.50	+ 2 59.6	2.310	3.122	12.4	21.7
4 1	14 48.93	+ 4 3.0	2.225	3.112	10.0	21.5
4 11	14 42.44	+ 5 4.2	2.163	3.102	7.8	21.4
4 21	14 34.55	+ 5 57.6	2.128	3.091	6.5	21.3
5 1	14 25.96	+ 6 37.7	2.121	3.079	7.0	21.3
5 11	14 17.52	+ 7 0.3	2.140	3.067	9.0	21.4
5 21	14 9.96	+ 7 3.4	2.185	3.055	11.5	21.5
5 31	14 3.94	+ 6 47.1	2.251	3.041	13.9	21.7

138582 2000 QP_{134} 4 29.4 220°.95 2°.3/27.1 18

3 22	14 50.64	− 8 32.6	2.707	3.513	10.9	20.5
4 1	14 46.45	− 7 58.3	2.611	3.505	8.5	20.3
4 11	14 40.65	− 7 19.9	2.539	3.497	5.7	20.1
4 21	14 33.68	− 6 40.4	2.495	3.488	3.1	19.9
5 1	14 26.14	− 6 3.1	2.481	3.479	2.7	19.9
5 11	14 18.69	− 5 31.6	2.495	3.470	5.2	20.0
5 21	14 11.98	− 5 8.8	2.537	3.460	8.0	20.2
5 31	14 6.54	− 4 56.6	2.604	3.450	10.7	20.3

405455 2004 TN_{238} 4 29.4 169°.57 1°.0/30.1 16

3 22	14 57.33	−19 34.8	1.948	2.736	15.2	22.8
4 1	14 52.35	−19 17.3	1.861	2.740	12.1	22.6
4 11	14 44.96	−18 46.7	1.796	2.745	8.3	22.3
4 21	14 35.77	−18 4.0	1.756	2.748	4.2	22.1
5 1	14 25.73	−17 12.6	1.744	2.750	1.0	21.9
5 11	14 15.95	−16 17.5	1.760	2.752	4.9	22.1
5 21	14 7.41	−15 24.6	1.804	2.753	9.0	22.4
5 31	14 0.88	−14 39.4	1.872	2.753	12.7	22.6

7923 Chyba 4 29.4 148°.03 1°.3/28.2 18

3 22	14 52.16	−12 17.0	2.301	3.106	12.6	18.1
4 1	14 47.86	−11 51.5	2.218	3.111	9.8	17.9
4 11	14 41.69	−11 19.4	2.158	3.116	6.5	17.7
4 21	14 34.18	−10 43.5	2.124	3.120	3.0	17.5
5 1	14 26.05	−10 7.2	2.120	3.124	1.7	17.4
5 11	14 18.13	− 9 34.4	2.143	3.128	5.0	17.6
5 21	14 11.14	− 9 8.6	2.194	3.132	8.3	17.9
5 31	14 5.70	− 8 52.5	2.270	3.135	11.4	18.1

62909 2000 UY_{108} 4 29.4 37°.08 5°.6/26.0 18

3 22	14 51.76	− 6 12.4	1.227	2.079	18.6	18.8
4 1	14 48.86	− 5 8.3	1.171	2.089	14.5	18.6
4 11	14 42.96	− 3 59.1	1.135	2.100	10.0	18.3
4 21	14 34.90	− 2 53.0	1.120	2.111	6.2	18.2
5 1	14 25.92	− 1 58.7	1.130	2.123	6.2	18.2
5 11	14 17.47	− 1 23.8	1.163	2.136	9.9	18.4
5 21	14 10.72	− 1 11.9	1.218	2.149	14.1	18.7
5 31	14 6.48	− 1 23.7	1.293	2.163	17.9	19.0

12730 1991 RU_8 4 29.4 295°.13 0°.9/29.9 18

3 22	14 53.20	−17 50.4	1.531	2.347	17.3	18.2
4 1	14 50.15	−17 50.2	1.429	2.325	13.9	17.9
4 11	14 44.13	−17 36.8	1.347	2.303	9.7	17.6
4 21	14 35.66	−17 10.7	1.287	2.282	4.8	17.3
5 1	14 25.73	−16 34.5	1.253	2.260	1.1	16.9
5 11	14 15.70	−15 53.4	1.244	2.238	6.1	17.2
5 21	14 6.94	−15 13.9	1.260	2.217	11.3	17.4
5 31	14 0.56	−14 42.8	1.297	2.196	16.0	17.6

10539 1991 VH_4 4 29.4 223°.75 2°.3/27.2 18

3 22	14 51.27	− 8 42.0	2.506	3.315	11.6	18.7
4 1	14 47.08	− 8 10.7	2.413	3.308	9.0	18.5
4 11	14 41.15	− 7 35.2	2.343	3.301	6.1	18.3
4 21	14 33.94	− 6 58.5	2.301	3.294	3.2	18.1
5 1	14 26.10	− 6 24.1	2.287	3.286	2.7	18.1
5 11	14 18.38	− 5 55.7	2.302	3.278	5.4	18.2
5 21	14 11.47	− 5 36.2	2.344	3.270	8.5	18.4
5 31	14 5.93	− 5 27.7	2.410	3.261	11.3	18.6

237050 2008 SC_{130} 4 29.4 157°.99 0°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.09	−19 6.3	2.189	2.981	13.6	21.0
4 1	14 48.00	−18 41.2	2.102	2.984	10.7	20.8
4 11	14 41.89	−18 4.1	2.037	2.987	7.4	20.6
4 21	14 34.32	−17 16.9	1.997	2.990	3.6	20.3
5 1	14 26.06	−16 22.8	1.986	2.993	0.8	20.1
5 11	14 18.01	−15 26.7	2.003	2.995	4.4	20.4
5 21	14 10.99	−14 33.6	2.048	2.998	8.1	20.6
5 31	14 5.63	−13 48.2	2.117	2.999	11.4	20.8

472125 2014 BV_{24} 4 29.4 47°.62 2°.3/27.3 17

3 22	14 49.05	−11 25.3	2.068	2.887	13.3	21.4
4 1	14 45.64	−10 31.2	1.991	2.892	10.3	21.2
4 11	14 40.29	− 9 29.3	1.936	2.897	6.9	21.0
4 21	14 33.56	− 8 23.7	1.908	2.903	3.4	20.7
5 1	14 26.21	− 7 19.8	1.907	2.908	2.7	20.7
5 11	14 19.11	− 6 23.0	1.934	2.914	5.9	20.9
5 21	14 13.01	− 5 37.9	1.987	2.920	9.4	21.1
5 31	14 8.51	− 5 7.3	2.064	2.925	12.5	21.3

240727 2005 GD_{213} 4 29.4 327°.51 0°.6/29.0 17

3 22	14 54.33	−12 42.5	1.935	2.745	14.5	20.5
4 1	14 50.10	−12 52.3	1.845	2.740	11.4	20.3
4 11	14 43.53	−12 56.5	1.777	2.735	7.7	20.1
4 21	14 35.17	−12 56.6	1.735	2.730	3.6	19.8
5 1	14 25.89	−12 54.5	1.719	2.726	1.1	19.6
5 11	14 16.73	−12 53.4	1.731	2.722	5.2	19.9
5 21	14 8.65	−12 56.2	1.770	2.718	9.3	20.1
5 31	14 2.44	−13 5.6	1.832	2.714	12.9	20.3

391330 2006 TA_{126} 4 29.4 265°.81 2°.7/27.3 17

3 22	14 53.08	− 6 47.7	2.297	3.108	12.4	20.7
4 1	14 48.63	− 6 34.6	2.209	3.105	9.7	20.5
4 11	14 42.27	− 6 19.5	2.144	3.101	6.6	20.3
4 21	14 34.50	− 6 5.2	2.105	3.097	3.6	20.1
5 1	14 26.03	− 5 54.9	2.095	3.093	3.0	20.1
5 11	14 17.71	− 5 51.4	2.113	3.090	5.8	20.2
5 21	14 10.29	− 5 56.9	2.158	3.086	9.0	20.4
5 31	14 4.41	− 6 12.8	2.228	3.082	11.9	20.6

289200 2004 XN_{5} 4 29.4 253°.08 3°.0/27.5 17

3 22	14 57.20	− 9 2.3	1.740	2.557	15.6	20.8
4 1	14 52.74	− 8 34.6	1.639	2.538	12.3	20.5
4 11	14 45.58	− 8 0.6	1.560	2.519	8.4	20.3
4 21	14 36.25	− 7 23.8	1.505	2.499	4.4	20.0
5 1	14 25.68	− 6 49.1	1.477	2.478	3.4	19.9
5 11	14 15.08	− 6 22.0	1.477	2.457	7.3	20.0
5 21	14 5.63	− 6 7.0	1.502	2.435	11.8	20.2
5 31	13 58.30	− 6 7.3	1.549	2.412	15.8	20.4

507930 2015 AF_{15} 4 29.4 199°.29 1°.1/30.1 17

3 22	14 58.44	−17 17.2	2.039	2.827	14.6	21.5
4 1	14 53.25	−17 35.5	1.945	2.825	11.6	21.3
4 11	14 45.64	−17 45.4	1.873	2.822	8.0	21.1
4 21	14 36.16	−17 46.9	1.826	2.818	4.0	20.8
5 1	14 25.71	−17 41.3	1.808	2.815	1.2	20.6
5 11	14 15.36	−17 31.3	1.819	2.811	4.8	20.9
5 21	14 6.12	−17 20.5	1.857	2.806	8.8	21.1
5 31	13 58.82	−17 12.8	1.919	2.801	12.4	21.3

403250 2008 YC 4 29.4 114°.18 4°.5/26.7 16

3 22	14 55.88	− 6 33.7	1.468	2.301	17.1	21.2
4 1	14 51.73	− 5 48.6	1.399	2.306	13.4	21.0
4 11	14 44.78	− 4 59.0	1.351	2.312	9.2	20.8
4 21	14 35.76	− 4 10.8	1.326	2.317	5.4	20.6
5 1	14 25.80	− 3 30.5	1.327	2.323	5.1	20.6
5 11	14 16.22	− 3 4.4	1.353	2.328	8.6	20.8
5 21	14 8.15	− 2 56.1	1.404	2.333	12.8	21.0
5 31	14 2.44	− 3 6.9	1.475	2.337	16.5	21.3

425542 2010 RE_{40} 4 29.4 240°.42 8°.2/20.8 17

3 22	14 52.16	+ 0 33.5	1.825	2.653	14.4	21.0
4 1	14 48.45	+ 2 53.8	1.742	2.640	11.7	20.8
4 11	14 42.44	+ 5 18.8	1.684	2.627	9.3	20.6
4 21	14 34.67	+ 7 38.1	1.652	2.612	8.2	20.5
5 1	14 26.01	+ 9 40.8	1.648	2.597	9.4	20.6
5 11	14 17.47	+11 17.7	1.670	2.582	12.0	20.7
5 21	14 10.03	+12 23.8	1.715	2.566	15.0	20.9
5 31	14 4.44	+12 58.1	1.780	2.549	17.8	21.0

375768 2009 SJ_{138} 4 29.4 304°.52 2°.9/26.8 17

3 22	14 48.96	−13 14.8	1.644	2.473	15.7	20.6
4 1	14 46.23	−11 49.2	1.557	2.465	12.2	20.4
4 11	14 41.06	−10 8.6	1.492	2.456	8.2	20.1
4 21	14 34.05	− 8 18.9	1.452	2.448	4.1	19.8
5 1	14 26.13	− 6 28.7	1.439	2.440	3.6	19.8
5 11	14 18.42	− 4 47.8	1.453	2.432	7.6	20.0
5 21	14 11.92	− 3 24.3	1.492	2.425	11.9	20.2
5 31	14 7.42	− 2 23.4	1.553	2.417	15.7	20.4

190659 2000 YO_{57} 4 29.4 247°.82 6°.9/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.51	+ 4 53.0	2.319	3.127	12.4	20.3
4 1	14 49.80	+ 5 52.0	2.226	3.108	10.2	20.2
4 11	14 43.11	+ 6 47.7	2.156	3.089	8.1	20.0
4 21	14 34.93	+ 7 34.4	2.113	3.069	7.0	19.9
5 1	14 25.96	+ 8 6.4	2.096	3.048	7.5	19.9
5 11	14 17.06	+ 8 19.7	2.107	3.027	9.5	19.9
5 21	14 9.02	+ 8 12.6	2.142	3.005	12.0	20.1
5 31	14 2.52	+ 7 45.3	2.199	2.982	14.4	20.2

14768 1238 $T\text{-}_{1}$ 4 29.4 260°.62 0°.7/29.9 18 R

3 22	14 51.93	−18 16.2	2.138	2.934	13.8	19.2
4 1	14 48.05	−18 7.0	2.042	2.927	10.9	19.0
4 11	14 42.06	−17 47.1	1.969	2.920	7.5	18.7
4 21	14 34.46	−17 17.6	1.920	2.914	3.7	18.5
5 1	14 26.05	−16 41.3	1.900	2.907	0.8	18.2
5 11	14 17.76	−16 2.1	1.907	2.900	4.5	18.5
5 21	14 10.44	−15 24.5	1.941	2.893	8.4	18.7
5 31	14 4.82	−14 53.1	2.000	2.886	11.8	18.9

511568 2014 WD_{392} 4 29.4 231°.90 3°.9/22.9 18

3 22	14 44.20	+ 6 6.8	4.583	5.383	6.9	21.2
4 1	14 40.80	+ 6 37.8	4.505	5.381	5.6	21.1
4 11	14 36.55	+ 7 5.4	4.453	5.380	4.5	21.0
4 21	14 31.71	+ 7 27.6	4.429	5.378	3.9	20.9
5 1	14 26.60	+ 7 42.2	4.433	5.376	4.2	21.0
5 11	14 21.59	+ 7 47.8	4.465	5.374	5.2	21.0
5 21	14 16.97	+ 7 43.8	4.523	5.372	6.4	21.1
5 31	14 13.05	+ 7 29.9	4.605	5.370	7.7	21.2

173175 1997 HL_{2} 4 29.4 357°.19 2°.9/27.7 17

3 22	14 49.54	−11 3.1	1.273	2.121	18.3	19.9
4 1	14 47.33	−10 27.3	1.201	2.118	14.3	19.6
4 11	14 42.14	− 9 41.5	1.148	2.115	9.6	19.4
4 21	14 34.65	− 8 50.6	1.117	2.114	4.7	19.1
5 1	14 26.03	− 8 1.7	1.110	2.113	3.5	19.0
5 11	14 17.70	− 7 22.4	1.127	2.114	8.0	19.2
5 21	14 10.92	− 6 58.5	1.166	2.115	12.9	19.5
5 31	14 6.63	− 6 53.5	1.225	2.117	17.2	19.8

233301 2006 BO_{39} 4 29.4 82°.68 0°.4/29.7 17

3 22	14 54.58	−17 13.6	1.859	2.661	15.3	20.8
4 1	14 50.19	−17 5.0	1.787	2.676	12.0	20.6
4 11	14 43.46	−16 45.7	1.737	2.691	8.1	20.4
4 21	14 35.07	−16 17.3	1.711	2.705	3.9	20.2
5 1	14 25.96	−15 43.0	1.713	2.720	0.7	20.0
5 11	14 17.20	−15 7.5	1.743	2.735	4.9	20.3
5 21	14 9.71	−14 35.4	1.798	2.749	8.9	20.6
5 31	14 4.18	−14 11.0	1.878	2.764	12.4	20.8

281671 2008 VU_{57} 4 29.4 323°.65 1°.5/30.2 18

3 22	14 56.35	−16 48.4	1.753	2.557	16.0	20.3
4 1	14 52.11	−17 23.5	1.660	2.549	12.8	20.1
4 11	14 45.15	−17 51.0	1.589	2.541	8.9	19.8
4 21	14 36.05	−18 10.4	1.541	2.534	4.6	19.6
5 1	14 25.75	−18 22.3	1.521	2.527	1.5	19.3
5 11	14 15.50	−18 28.8	1.527	2.520	5.4	19.6
5 21	14 6.46	−18 33.1	1.559	2.514	9.8	19.8
5 31	13 59.58	−18 39.4	1.615	2.508	13.7	20.0

320446 2007 VS_{192} 4 29.4 80°.11 0°.3/29.1 17

3 22	14 51.30	−15 30.6	2.247	3.048	13.0	21.3
4 1	14 47.23	−15 9.3	2.171	3.061	10.1	21.2
4 11	14 41.28	−14 39.6	2.118	3.074	6.8	21.0
4 21	14 34.02	−14 3.6	2.091	3.087	3.1	20.8
5 1	14 26.18	−13 24.6	2.093	3.100	0.8	20.6
5 11	14 18.61	−12 46.6	2.123	3.113	4.5	20.9
5 21	14 12.03	−12 13.6	2.180	3.125	7.9	21.1
5 31	14 7.01	−11 48.8	2.261	3.138	11.0	21.3

523516 2017 OD_{15} 4 29.4 56°.56 0°.4/29.7 18

3 22	14 55.07	−17 2.6	1.383	2.205	18.6	20.9
4 1	14 51.39	−16 56.7	1.316	2.216	14.6	20.6
4 11	14 44.70	−16 37.3	1.268	2.227	9.9	20.4
4 21	14 35.77	−16 6.5	1.243	2.238	4.7	20.1
5 1	14 25.84	−15 28.2	1.243	2.250	0.9	19.9
5 11	14 16.35	−14 48.7	1.268	2.262	6.1	20.3
5 21	14 8.51	−14 14.3	1.317	2.274	11.0	20.6
5 31	14 3.22	−13 50.5	1.388	2.286	15.2	20.8

249281 2008 SV_{282} 4 29.4 263°.29 2°.4/ 1.2 17

3 22	14 53.05	−22 17.5	1.978	2.763	15.1	20.9
4 1	14 49.18	−22 21.7	1.885	2.760	12.1	20.7
4 11	14 42.94	−22 12.3	1.814	2.757	8.7	20.5
4 21	14 34.92	−21 49.4	1.767	2.754	5.0	20.3
5 1	14 25.99	−21 14.8	1.747	2.750	2.4	20.1
5 11	14 17.21	−20 32.3	1.754	2.747	4.8	20.2
5 21	14 9.55	−19 47.5	1.788	2.744	8.6	20.4
5 31	14 3.79	−19 5.8	1.846	2.740	12.2	20.7

105799 2000 SV_{126} 4 29.4 122°.14 2°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.12	− 8 50.3	2.710	3.519	10.8	19.7
4 1	14 45.15	− 7 47.3	2.635	3.531	8.3	19.5
4 11	14 39.70	− 6 39.6	2.586	3.543	5.6	19.4
4 21	14 33.24	− 5 31.1	2.564	3.555	3.2	19.2
5 1	14 26.35	− 4 26.2	2.572	3.567	3.0	19.2
5 11	14 19.69	− 3 29.2	2.609	3.578	5.4	19.4
5 21	14 13.81	− 2 43.2	2.673	3.588	8.0	19.6
5 31	14 9.17	− 2 10.3	2.763	3.599	10.4	19.8

67437 2000 QL_{122} 4 29.4 260°.21 0°.8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.10	−15 33.7	2.396	3.198	12.3	19.4
4 1	14 45.57	−14 47.3	2.296	3.187	9.6	19.2
4 11	14 40.24	−13 50.5	2.220	3.177	6.4	18.9
4 21	14 33.59	−12 46.3	2.170	3.166	2.9	18.7
5 1	14 26.27	−11 38.6	2.149	3.155	1.2	18.5
5 11	14 19.07	−10 32.5	2.158	3.145	4.7	18.8
5 21	14 12.71	− 9 33.0	2.193	3.134	8.2	19.0
5 31	14 7.77	− 8 44.1	2.254	3.122	11.3	19.1

209961 2006 GD_{32} 4 29.4 338°.50 0°.6/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.11	−15 17.1	1.334	2.160	18.9	20.0
4 1	14 52.62	−15 38.8	1.253	2.156	15.0	19.7
4 11	14 45.86	−15 51.1	1.192	2.152	10.3	19.4
4 21	14 36.49	−15 54.5	1.152	2.148	5.0	19.1
5 1	14 25.70	−15 50.8	1.137	2.145	1.0	18.8
5 11	14 15.07	−15 44.3	1.148	2.142	6.5	19.1
5 21	14 6.06	−15 39.6	1.181	2.139	11.8	19.4
5 31	13 59.77	−15 41.9	1.236	2.137	16.4	19.7

352547 2008 CG_{200} 4 29.4 263°.07 3°.0/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.65	−24 30.2	2.482	3.245	13.0	21.1
4 1	14 48.44	−24 49.8	2.382	3.240	10.6	20.9
4 11	14 42.25	−24 58.1	2.303	3.234	7.8	20.7
4 21	14 34.56	−24 54.3	2.251	3.229	4.9	20.5
5 1	14 26.09	−24 38.9	2.225	3.223	3.0	20.4
5 11	14 17.68	−24 14.5	2.229	3.217	4.4	20.5
5 21	14 10.15	−23 44.6	2.260	3.212	7.3	20.6
5 31	14 4.18	−23 13.7	2.316	3.206	10.2	20.8

3755 Lecointe 4 29.4 251°.66 0°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.80	−19 46.2	1.744	2.543	16.3	17.5
4 1	14 50.97	−19 11.7	1.638	2.525	13.0	17.2
4 11	14 44.44	−18 20.1	1.553	2.506	9.0	17.0
4 21	14 35.75	−17 12.6	1.493	2.486	4.4	16.6
5 1	14 25.84	−15 53.3	1.459	2.466	0.8	16.3
5 11	14 15.97	−14 29.2	1.453	2.445	5.7	16.6
5 21	14 7.29	−13 8.7	1.473	2.424	10.5	16.8
5 31	14 0.77	−11 59.5	1.517	2.402	14.9	17.0

235120 2003 QQ_{12} 4 29.4 216°.05 4°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.37	−28 25.1	2.627	3.362	13.0	21.4
4 1	14 51.33	−28 47.9	2.518	3.353	10.8	21.2
4 11	14 44.21	−28 57.8	2.431	3.344	8.3	21.0
4 21	14 35.50	−28 53.3	2.369	3.334	5.7	20.8
5 1	14 25.91	−28 34.2	2.335	3.323	4.1	20.7
5 11	14 16.36	−28 2.6	2.330	3.311	4.9	20.8
5 21	14 7.69	−27 22.2	2.353	3.300	7.4	20.9
5 31	14 0.61	−26 38.1	2.403	3.287	10.1	21.0

268308 2005 QS_{135} 4 29.4 213°.01 0°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.18	−14 48.7	1.981	2.785	14.4	21.7
4 1	14 49.92	−14 27.2	1.889	2.781	11.3	21.5
4 11	14 43.38	−13 56.2	1.819	2.776	7.6	21.3
4 21	14 35.12	−13 17.8	1.775	2.771	3.5	21.0
5 1	14 25.99	−12 35.7	1.759	2.765	1.1	20.8
5 11	14 17.02	−11 54.8	1.770	2.759	5.3	21.1
5 21	14 9.13	−11 19.7	1.808	2.753	9.3	21.3
5 31	14 3.08	−10 54.6	1.870	2.746	12.9	21.5

308558 2005 UU_{314} 4 29.4 204°.88 2°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.55	− 5 46.3	2.701	3.509	10.9	21.0
4 1	14 47.14	− 5 22.7	2.612	3.506	8.5	20.8
4 11	14 41.13	− 4 57.5	2.547	3.503	5.8	20.6
4 21	14 33.96	− 4 33.6	2.510	3.499	3.4	20.4
5 1	14 26.23	− 4 13.9	2.501	3.496	3.1	20.4
5 11	14 18.64	− 4 1.3	2.522	3.492	5.4	20.6
5 21	14 11.80	− 3 57.9	2.570	3.488	8.2	20.7
5 31	14 6.24	− 4 5.0	2.642	3.484	10.7	20.9

419568 2010 RS_{47} 4 29.4 264°.77 2°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.56	−12 19.4	1.648	2.472	16.0	21.2
4 1	14 49.19	−11 26.2	1.553	2.457	12.5	21.0
4 11	14 43.19	−10 20.8	1.480	2.443	8.4	20.7
4 21	14 35.14	− 9 7.7	1.432	2.428	4.1	20.4
5 1	14 25.99	− 7 53.5	1.410	2.413	3.1	20.3
5 11	14 16.94	− 6 45.8	1.414	2.397	7.3	20.5
5 21	14 9.10	− 5 51.6	1.444	2.381	11.8	20.7
5 31	14 3.37	− 5 15.8	1.495	2.366	15.9	20.9

294508 2007 XV_3 4 29.4 136°.45 7°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.20	+10 38.2	2.662	3.459	11.3	21.0
4 1	14 47.53	+11 39.0	2.604	3.469	9.5	20.9
4 11	14 41.29	+12 32.0	2.570	3.479	8.1	20.8
4 21	14 33.99	+13 12.1	2.561	3.488	7.5	20.8
5 1	14 26.25	+13 35.3	2.579	3.496	8.0	20.8
5 11	14 18.77	+13 39.2	2.623	3.505	9.3	20.9
5 21	14 12.14	+13 23.6	2.691	3.513	11.0	21.1
5 31	14 6.85	+12 49.7	2.780	3.520	12.7	21.2

284887 2009 KE_9 4 29.4 295°.45 2°.7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.12	− 0 57.2	4.334	5.136	7.2	19.9
4 1	14 42.33	− 0 42.2	4.247	5.135	5.6	19.7
4 11	14 37.61	− 0 28.4	4.187	5.135	4.0	19.6
4 21	14 32.25	− 0 17.5	4.155	5.134	2.8	19.5
5 1	14 26.59	− 0 11.3	4.153	5.133	2.9	19.5
5 11	14 21.02	− 0 11.3	4.180	5.132	4.2	19.6
5 21	14 15.88	− 0 18.3	4.235	5.131	5.8	19.7
5 31	14 11.48	− 0 32.9	4.316	5.130	7.4	19.9

286143 2001 TE_{201} 4 29.4 200°.66 3°.1/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.20	− 5 23.0	2.826	3.632	10.5	21.9
4 1	14 46.80	− 4 44.5	2.735	3.628	8.2	21.8
4 11	14 40.87	− 4 3.8	2.670	3.624	5.6	21.6
4 21	14 33.84	− 3 24.3	2.631	3.619	3.5	21.4
5 1	14 26.29	− 2 49.4	2.623	3.613	3.4	21.4
5 11	14 18.86	− 2 22.4	2.643	3.607	5.6	21.5
5 21	14 12.14	− 2 5.5	2.691	3.601	8.2	21.7
5 31	14 6.64	− 2 0.3	2.763	3.594	10.6	21.9

98486 2000 UZ_{105} 4 29.4 227°.67 4°.3/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.79	− 6 48.6	1.720	2.544	15.4	20.3
4 1	14 50.69	− 5 54.8	1.634	2.537	12.1	20.0
4 11	14 44.05	− 4 55.2	1.569	2.529	8.3	19.8
4 21	14 35.50	− 3 55.1	1.530	2.520	5.0	19.6
5 1	14 25.96	− 3 1.3	1.517	2.511	4.9	19.5
5 11	14 16.59	− 2 20.0	1.531	2.502	8.2	19.7
5 21	14 8.44	− 1 55.7	1.570	2.492	12.1	19.9
5 31	14 2.33	− 1 50.7	1.631	2.482	15.7	20.1

172978 2006 HB_8 4 29.4 269°.56 2°.5/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.62	− 9 17.7	1.632	2.451	16.3	20.1
4 1	14 53.33	− 9 7.5	1.532	2.432	12.9	19.8
4 11	14 46.15	− 8 52.2	1.452	2.413	8.8	19.5
4 21	14 36.63	− 8 34.7	1.398	2.393	4.4	19.2
5 1	14 25.73	− 8 19.1	1.369	2.372	3.0	19.1
5 11	14 14.76	− 8 10.1	1.367	2.352	7.2	19.3
5 21	14 5.01	− 8 11.5	1.390	2.331	11.9	19.5
5 31	13 57.51	− 8 26.3	1.436	2.310	16.2	19.7

64561 2001 WT_{31} 4 29.4 89°.73 0°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.38	−17 49.6	1.820	2.624	15.5	20.3
4 1	14 49.26	−17 9.9	1.750	2.641	12.1	20.2
4 11	14 42.84	−16 17.2	1.702	2.657	8.1	19.9
4 21	14 34.81	−15 14.3	1.678	2.673	3.8	19.7
5 1	14 26.12	−14 6.4	1.682	2.690	0.8	19.5
5 11	14 17.83	−12 59.8	1.714	2.705	5.2	19.9
5 21	14 10.82	−12 0.6	1.773	2.721	9.2	20.1
5 31	14 5.77	−11 13.5	1.855	2.736	12.8	20.4

75175 1999 VF_{152} 4 29.4 88°.35 2°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.88	− 9 49.4	1.586	2.408	16.6	19.7
4 1	14 52.39	− 9 37.6	1.513	2.415	12.9	19.5
4 11	14 45.20	− 9 20.4	1.461	2.422	8.7	19.2
4 21	14 36.01	− 9 1.0	1.434	2.429	4.2	19.0
5 1	14 25.89	− 8 43.7	1.432	2.436	2.7	18.9
5 11	14 16.10	− 8 32.7	1.458	2.443	6.8	19.2
5 21	14 7.74	− 8 31.7	1.508	2.450	11.1	19.4
5 31	14 1.66	− 8 42.8	1.581	2.457	14.9	19.7

256648 2007 WJ_{16} 4 29.4 122°.55 1°.1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.49	−20 54.3	2.262	3.049	13.4	20.4
4 1	14 46.74	−20 26.0	2.174	3.053	10.6	20.2
4 11	14 41.06	−19 44.8	2.108	3.056	7.4	20.0
4 21	14 33.99	−18 52.3	2.068	3.060	3.8	19.8
5 1	14 26.27	−17 51.7	2.056	3.063	1.1	19.6
5 11	14 18.77	−16 47.9	2.073	3.066	4.2	19.8
5 21	14 12.25	−15 46.2	2.117	3.069	7.7	20.0
5 31	14 7.31	−14 51.6	2.186	3.072	10.9	20.2

199418 2006 CU_{57} 4 29.4 3°.94 3°.8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.40	− 7 13.5	1.759	2.588	14.9	19.9
4 1	14 47.88	− 6 30.7	1.682	2.588	11.6	19.7
4 11	14 42.05	− 5 43.2	1.627	2.588	7.9	19.5
4 21	14 34.51	− 4 55.9	1.597	2.589	4.6	19.3
5 1	14 26.17	− 4 14.4	1.593	2.589	4.2	19.3
5 11	14 18.07	− 3 44.1	1.615	2.590	7.4	19.4
5 21	14 11.14	− 3 28.6	1.663	2.591	11.2	19.7
5 31	14 6.12	− 3 29.8	1.732	2.592	14.5	19.9

175352 2005 OO_8 4 29.4 192°.63 6°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.62	−35 47.2	2.595	3.298	13.9	20.7
4 1	14 49.32	−36 10.4	2.496	3.298	11.9	20.5
4 11	14 42.90	−36 16.4	2.417	3.297	9.8	20.3
4 21	14 34.90	−36 3.3	2.361	3.295	7.6	20.2
5 1	14 26.10	−35 30.6	2.331	3.294	6.2	20.1
5 11	14 17.46	−34 40.5	2.328	3.292	6.2	20.1
5 21	14 9.81	−33 37.6	2.352	3.290	7.8	20.2
5 31	14 3.86	−32 27.9	2.402	3.288	10.0	20.3

267418 2002 BV_{22} 4 29.4 206°.27 2°.7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.87	−23 0.6	2.374	3.136	13.5	21.1
4 1	14 52.61	−23 20.7	2.271	3.130	11.0	20.9
4 11	14 45.14	−23 29.9	2.190	3.124	8.0	20.7
4 21	14 35.98	−23 27.2	2.135	3.117	4.8	20.5
5 1	14 25.90	−23 13.1	2.109	3.109	2.7	20.4
5 11	14 15.87	−22 50.0	2.111	3.101	4.6	20.5
5 21	14 6.80	−22 21.8	2.142	3.092	7.8	20.7
5 31	13 59.45	−21 53.0	2.199	3.082	11.0	20.8

279354 2010 AE_{17} 4 29.4 93°.81 3°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.72	− 6 49.6	2.036	2.854	13.5	20.4
4 1	14 48.37	− 5 52.0	1.973	2.873	10.5	20.2
4 11	14 42.06	− 4 50.9	1.934	2.892	7.1	20.1
4 21	14 34.41	− 3 51.0	1.921	2.910	4.3	19.9
5 1	14 26.23	− 2 58.0	1.936	2.929	4.2	19.9
5 11	14 18.41	− 2 16.4	1.979	2.946	6.9	20.1
5 21	14 11.70	− 1 49.5	2.047	2.964	10.0	20.4
5 31	14 6.67	− 1 38.8	2.139	2.981	12.8	20.6

77126 2001 DX_{90} 4 29.4 74°.66 0°.4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.45	−17 30.0	1.508	2.322	17.7	19.7
4 1	14 51.40	−17 15.0	1.441	2.337	13.9	19.5
4 11	14 44.56	−16 46.5	1.395	2.352	9.4	19.3
4 21	14 35.70	−16 6.7	1.371	2.367	4.5	19.0
5 1	14 25.98	−15 20.0	1.374	2.381	0.8	18.8
5 11	14 16.70	−14 32.6	1.403	2.396	5.7	19.2
5 21	14 8.98	−13 50.9	1.457	2.411	10.4	19.5
5 31	14 3.63	−13 20.0	1.533	2.426	14.3	19.8

345775 2007 EN_{133} 4 29.4 176°.82 1°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 44.82	−21 16.4	4.783	5.544	7.2	21.2
4 1	14 41.35	−21 14.9	4.683	5.545	5.7	21.1
4 11	14 36.98	−21 7.7	4.608	5.545	4.0	21.0
4 21	14 31.98	−20 55.4	4.560	5.545	2.3	20.9
5 1	14 26.68	−20 39.0	4.542	5.546	1.1	20.8
5 11	14 21.45	−20 19.8	4.555	5.546	2.2	20.9
5 21	14 16.61	−19 59.6	4.596	5.546	4.0	21.0
5 31	14 12.47	−19 40.0	4.666	5.546	5.7	21.1

376579 2013 PO_{17} 4 29.4 282°.59 2°.4/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.51	−11 12.1	1.680	2.503	15.7	21.4
4 1	14 50.04	−10 39.4	1.577	2.480	12.4	21.1
4 11	14 43.89	− 9 57.5	1.495	2.456	8.4	20.8
4 21	14 35.58	− 9 9.6	1.436	2.432	4.2	20.5
5 1	14 26.00	− 8 21.0	1.405	2.408	2.9	20.3
5 11	14 16.37	− 7 38.1	1.399	2.384	7.1	20.5
5 21	14 7.85	− 7 6.6	1.419	2.359	11.8	20.7
5 31	14 1.42	− 6 50.9	1.460	2.334	16.0	20.9

382882 2004 LV_{26} 4 29.4 248°.95 20°.3/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.22	+26 28.0	1.267	2.057	21.7	20.6
4 1	14 55.20	+29 2.2	1.226	2.048	20.7	20.5
4 11	14 47.59	+31 8.2	1.202	2.039	20.3	20.5
4 21	14 37.28	+32 30.9	1.194	2.030	20.7	20.4
5 1	14 25.72	+32 59.2	1.203	2.020	21.8	20.5
5 11	14 14.66	+32 29.8	1.226	2.010	23.4	20.6
5 21	14 5.60	+31 7.1	1.262	2.000	25.2	20.7
5 31	13 59.52	+28 59.9	1.310	1.989	27.0	20.8

163060 2001 YC_{96} 4 29.4 207°.17 1°.7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.93	−11 36.6	1.720	2.532	15.9	20.5
4 1	14 53.22	−11 21.4	1.631	2.528	12.5	20.2
4 11	14 45.84	−10 59.0	1.565	2.524	8.4	20.0
4 21	14 36.39	−10 31.9	1.523	2.519	4.0	19.7
5 1	14 25.88	−10 4.3	1.508	2.513	2.1	19.5
5 11	14 15.54	− 9 40.8	1.521	2.507	6.4	19.8
5 21	14 6.48	− 9 25.7	1.560	2.501	10.8	20.0
5 31	13 59.59	− 9 22.5	1.621	2.494	14.7	20.3

161009 2002 EP_{41} 4 29.4 162°.30 2°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.78	−23 22.6	1.870	2.647	16.1	20.6
4 1	14 52.96	−23 20.0	1.784	2.653	13.0	20.4
4 11	14 45.55	−23 1.8	1.718	2.658	9.3	20.2
4 21	14 36.20	−22 27.7	1.677	2.663	5.4	20.0
5 1	14 25.93	−21 40.0	1.663	2.666	2.6	19.8
5 11	14 15.92	−20 43.6	1.677	2.670	5.1	20.0
5 21	14 7.25	−19 44.9	1.718	2.672	9.1	20.2
5 31	14 0.71	−18 50.6	1.784	2.674	12.7	20.4

443895 2001 XP_{170} 4 29.4 127°.96 2°.0/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 48.43	−25 26.6	3.999	4.741	8.8	22.0
4 1	14 44.28	−25 23.1	3.910	4.756	7.1	21.9
4 11	14 39.01	−25 11.1	3.845	4.769	5.2	21.7
4 21	14 32.95	−24 51.0	3.808	4.783	3.3	21.6
5 1	14 26.56	−24 23.9	3.799	4.796	2.0	21.5
5 11	14 20.29	−23 51.7	3.821	4.809	2.8	21.6
5 21	14 14.59	−23 16.9	3.872	4.821	4.7	21.8
5 31	14 9.82	−22 42.0	3.951	4.833	6.5	21.9

349035 2006 VD_{49} 4 29.4 137°.36 0°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.10	−19 55.0	2.750	3.528	11.5	21.9
4 1	14 46.82	−19 38.2	2.663	3.537	9.1	21.8
4 11	14 40.94	−19 11.8	2.600	3.546	6.3	21.6
4 21	14 33.91	−18 37.0	2.563	3.554	3.2	21.4
5 1	14 26.38	−17 56.1	2.556	3.562	0.9	21.2
5 11	14 19.03	−17 12.6	2.578	3.570	3.6	21.5
5 21	14 12.50	−16 30.0	2.628	3.577	6.6	21.7
5 31	14 7.30	−15 52.1	2.704	3.584	9.3	21.8

93421 2000 SK_{307} 4 29.4 103°.49 5°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.66	−29 34.2	2.004	2.750	16.2	19.5
4 1	14 53.66	−30 18.5	1.924	2.762	13.5	19.3
4 11	14 46.04	−30 46.7	1.863	2.775	10.5	19.1
4 21	14 36.45	−30 55.9	1.827	2.787	7.5	19.0
5 1	14 25.90	−30 45.5	1.816	2.799	5.6	18.9
5 11	14 15.59	−30 18.0	1.832	2.811	6.3	18.9
5 21	14 6.61	−29 38.6	1.875	2.822	8.9	19.1
5 31	13 59.80	−28 54.0	1.943	2.834	11.8	19.3

167757 2004 XW_{99} 4 29.4 76°.20 1°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.35	−12 3.1	1.444	2.270	17.7	20.2
4 1	14 52.14	−11 39.0	1.380	2.284	13.8	20.0
4 11	14 45.09	−11 6.2	1.337	2.299	9.2	19.8
4 21	14 35.99	−10 28.4	1.317	2.313	4.3	19.5
5 1	14 26.00	− 9 51.0	1.323	2.328	2.4	19.4
5 11	14 16.50	− 9 19.8	1.355	2.342	6.8	19.7
5 21	14 8.60	− 8 59.7	1.411	2.357	11.4	20.0
5 31	14 3.11	− 8 53.7	1.489	2.371	15.3	20.3

307084 2002 AE_{103} 4 29.4 191°.92 2°.8/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.18	− 9 26.0	1.788	2.602	15.3	21.1
4 1	14 52.44	− 8 52.2	1.703	2.601	12.0	20.9
4 11	14 45.19	− 8 12.1	1.641	2.600	8.1	20.6
4 21	14 36.06	− 7 29.4	1.603	2.597	4.2	20.4
5 1	14 25.99	− 6 49.3	1.593	2.594	3.3	20.3
5 11	14 16.13	− 6 17.1	1.611	2.591	6.9	20.5
5 21	14 7.52	− 5 57.0	1.654	2.586	10.9	20.7
5 31	14 0.96	− 5 51.5	1.721	2.582	14.6	21.0

410242 2007 TD_{44} 4 29.4 119°.15 3°.5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.83	−24 1.5	1.843	2.613	16.6	22.0
4 1	14 55.31	−24 26.8	1.767	2.630	13.4	21.8
4 11	14 47.11	−24 37.5	1.713	2.647	9.8	21.6
4 21	14 36.93	−24 32.4	1.682	2.662	6.0	21.4
5 1	14 25.84	−24 12.2	1.678	2.678	3.5	21.3
5 11	14 15.10	−23 40.6	1.703	2.692	5.4	21.4
5 21	14 5.82	−23 3.1	1.754	2.706	9.0	21.7
5 31	13 58.81	−22 26.1	1.829	2.720	12.5	21.9

187916 2000 VY_{57} 4 29.4 254°.00 3°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.12	−27 19.2	2.267	3.022	14.3	20.2
4 1	14 49.96	−27 10.4	2.151	3.002	11.8	20.0
4 11	14 43.52	−26 44.8	2.055	2.982	8.9	19.7
4 21	14 35.31	−26 1.6	1.984	2.960	5.7	19.5
5 1	14 26.12	−25 1.9	1.941	2.938	3.5	19.3
5 11	14 16.94	−23 49.7	1.926	2.916	4.9	19.4
5 21	14 8.72	−22 30.9	1.939	2.893	8.2	19.5
5 31	14 2.27	−21 12.8	1.977	2.869	11.6	19.7

131597 2001 XT_2 4 29.4 135°.08 0°.6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 7.52	−11 17.6	1.827	2.616	16.0	19.8
4 1	15 0.40	−11 50.0	1.748	2.630	12.6	19.6
4 11	14 50.49	−12 18.9	1.692	2.644	8.5	19.3
4 21	14 38.51	−12 44.5	1.662	2.656	3.9	19.1
5 1	14 25.55	−13 7.7	1.661	2.668	1.0	18.9
5 11	14 12.91	−13 30.1	1.691	2.679	5.6	19.2
5 21	14 1.75	−13 53.8	1.748	2.690	9.8	19.5
5 31	13 52.94	−14 21.1	1.831	2.699	13.5	19.8

164657 1996 RU_6 4 29.4 99°.07 6°.7/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.95	−28 42.9	1.571	2.338	19.1	19.7
4 1	14 55.56	−29 46.4	1.489	2.341	16.0	19.5
4 11	14 47.87	−30 32.6	1.425	2.344	12.5	19.3
4 21	14 37.51	−30 57.0	1.383	2.347	9.0	19.1
5 1	14 25.71	−30 57.1	1.366	2.351	6.8	18.9
5 11	14 14.06	−30 35.0	1.373	2.354	7.8	19.0
5 21	14 4.04	−29 56.8	1.406	2.357	10.9	19.2
5 31	13 56.78	−29 11.3	1.461	2.360	14.5	19.4

38502 1999 TC_{171} 4 29.4 276°.68 0°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 50.76	−13 56.9	2.479	3.279	11.9	19.5
4 1	14 46.92	−13 38.2	2.370	3.260	9.4	19.3
4 11	14 41.25	−13 12.1	2.284	3.241	6.3	19.0
4 21	14 34.17	−12 40.6	2.225	3.221	2.9	18.8
5 1	14 26.34	−12 6.5	2.195	3.201	1.1	18.6
5 11	14 18.53	−11 33.4	2.193	3.181	4.5	18.8
5 21	14 11.47	−11 4.9	2.219	3.161	8.0	19.0
5 31	14 5.81	−10 44.3	2.270	3.141	11.1	19.2

425039 2009 KX_{37} 4 29.4 302°.18 4°.4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.50	+ 6 10.7	4.166	4.971	7.4	20.9
4 1	14 40.42	+ 6 57.9	4.088	4.966	6.1	20.8
4 11	14 36.42	+ 7 41.9	4.035	4.961	4.9	20.7
4 21	14 31.76	+ 8 19.9	4.010	4.955	4.4	20.7
5 1	14 26.81	+ 8 49.3	4.012	4.950	4.7	20.7
5 11	14 21.94	+ 9 8.4	4.042	4.945	5.8	20.8
5 21	14 17.49	+ 9 16.0	4.098	4.940	7.2	20.9
5 31	14 13.79	+ 9 11.9	4.177	4.934	8.5	21.0

175460 2006 QV_{93} 4 29.4 245°.38 0°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.98	−18 55.6	4.028	4.800	8.2	22.2
4 1	14 43.23	−18 38.3	3.912	4.783	6.5	22.1
4 11	14 38.37	−18 14.4	3.820	4.766	4.5	21.9
4 21	14 32.71	−17 44.9	3.757	4.748	2.3	21.7
5 1	14 26.63	−17 11.3	3.723	4.730	0.6	21.5
5 11	14 20.59	−16 35.7	3.720	4.712	2.6	21.7
5 21	14 15.01	−16 0.5	3.747	4.693	4.9	21.8
5 31	14 10.27	−15 28.0	3.801	4.674	7.0	22.0

386164 2007 TE_{439} 4 29.4 76°.21 0°.5/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.56	−15 18.7	2.132	2.934	13.6	21.9
4 1	14 48.27	−14 54.3	2.064	2.955	10.5	21.7
4 11	14 42.03	−14 21.2	2.019	2.975	7.0	21.5
4 21	14 34.45	−13 41.9	2.000	2.995	3.2	21.3
5 1	14 26.32	−13 0.0	2.008	3.015	0.9	21.2
5 11	14 18.53	−12 19.9	2.046	3.035	4.6	21.5
5 21	14 11.82	−11 45.6	2.110	3.055	8.2	21.7
5 31	14 6.77	−11 20.5	2.199	3.075	11.3	21.9

170162 Nicolashayek 4 29.4 328°.65 0°.5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.39	−17 14.9	2.078	2.882	13.8	20.1
4 1	14 46.95	−17 7.2	1.985	2.875	10.9	19.9
4 11	14 41.41	−16 49.6	1.914	2.868	7.5	19.6
4 21	14 34.27	−16 23.4	1.868	2.862	3.6	19.4
5 1	14 26.33	−15 51.3	1.849	2.856	0.7	19.1
5 11	14 18.51	−15 17.3	1.858	2.850	4.6	19.4
5 21	14 11.66	−14 45.8	1.893	2.845	8.5	19.6
5 31	14 6.50	−14 20.8	1.952	2.840	11.9	19.8

59975 1999 SE 4 29.4 223°.61 1°.7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.03	−11 16.0	2.938	3.740	10.3	20.2
4 1	14 45.15	−10 28.2	2.839	3.730	7.9	20.0
4 11	14 39.81	− 9 34.3	2.764	3.721	5.3	19.8
4 21	14 33.42	− 8 37.2	2.717	3.711	2.6	19.6
5 1	14 26.51	− 7 40.4	2.700	3.701	2.1	19.5
5 11	14 19.70	− 6 47.8	2.712	3.690	4.6	19.7
5 21	14 13.55	− 6 2.8	2.753	3.679	7.4	19.9
5 31	14 8.55	− 5 28.0	2.819	3.668	9.9	20.0

240410 2003 UL_{248} 4 29.4 181°.92 2°.3/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.13	−22 24.8	2.169	2.946	14.2	21.0
4 1	14 49.81	−22 32.8	2.077	2.946	11.4	20.8
4 11	14 43.31	−22 28.4	2.007	2.947	8.2	20.6
4 21	14 35.16	−22 11.7	1.961	2.946	4.7	20.4
5 1	14 26.18	−21 44.0	1.943	2.946	2.4	20.3
5 11	14 17.36	−21 8.8	1.954	2.946	4.5	20.4
5 21	14 9.58	−20 30.6	1.991	2.945	8.0	20.6
5 31	14 3.56	−19 54.5	2.054	2.944	11.3	20.8

432995 2012 PN_{41} 4 29.4 219°.22 2°.7/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.15	−23 56.0	2.048	2.825	14.9	21.4
4 1	14 49.22	−23 56.3	1.954	2.823	12.1	21.2
4 11	14 43.00	−23 42.0	1.882	2.821	8.8	21.0
4 21	14 35.04	−23 12.9	1.835	2.818	5.2	20.8
5 1	14 26.21	−22 30.8	1.814	2.816	2.7	20.6
5 11	14 17.54	−21 39.9	1.821	2.813	4.8	20.8
5 21	14 9.98	−20 45.7	1.855	2.810	8.4	21.0
5 31	14 4.27	−19 54.3	1.913	2.808	11.8	21.2

500829 2013 GT_{136} 4 29.4 184°.32 0°.0/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.09	−14 22.9	48.103	48.890	0.7	24.4
4 1	14 29.52	−14 20.4	48.006	48.889	0.6	24.4
4 11	14 28.88	−14 17.7	47.936	48.889	0.4	24.3
4 21	14 28.20	−14 14.7	47.894	48.889	0.2	24.3
5 1	14 27.50	−14 11.6	47.882	48.889	0.0	24.3
5 11	14 26.81	−14 8.6	47.898	48.888	0.2	24.3
5 21	14 26.14	−14 5.7	47.944	48.888	0.4	24.3
5 31	14 25.52	−14 3.1	48.017	48.888	0.6	24.4

95474 Andreajbarbieri 4 29.4 215°.09 1°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.64	−19 55.1	2.300	3.081	13.4	21.2
4 1	14 50.10	−19 50.3	2.199	3.074	10.7	21.0
4 11	14 43.46	−19 34.6	2.121	3.066	7.5	20.8
4 21	14 35.23	−19 8.5	2.068	3.058	3.9	20.6
5 1	14 26.19	−18 34.1	2.044	3.050	1.3	20.4
5 11	14 17.23	−17 55.0	2.049	3.041	4.3	20.6
5 21	14 9.22	−17 15.5	2.081	3.032	7.9	20.8
5 31	14 2.86	−16 40.2	2.139	3.022	11.3	20.9

41476 2000 PC_{14} 4 29.4 208°.63 1°.3/30.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.55	−20 11.9	2.194	2.977	13.9	20.0
4 1	14 50.11	−20 1.9	2.096	2.972	11.1	19.8
4 11	14 43.50	−19 40.1	2.020	2.966	7.7	19.5
4 21	14 35.26	−19 7.0	1.970	2.960	4.0	19.3
5 1	14 26.18	−18 25.0	1.948	2.954	1.3	19.1
5 11	14 17.23	−17 38.3	1.954	2.947	4.5	19.3
5 21	14 9.28	−16 51.8	1.988	2.939	8.2	19.5
5 31	14 3.07	−16 10.4	2.047	2.931	11.6	19.7

17612 Whiteknight 4 29.4 169°.88 0°.7/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.17	−17 18.3	2.337	3.127	12.9	19.1
4 1	14 48.82	−17 23.7	2.246	3.128	10.2	18.9
4 11	14 42.52	−17 20.9	2.178	3.128	7.0	18.7
4 21	14 34.76	−17 10.6	2.136	3.128	3.5	18.5
5 1	14 26.28	−16 54.8	2.122	3.129	0.8	18.2
5 11	14 17.94	−16 36.3	2.136	3.129	4.2	18.5
5 21	14 10.52	−16 18.5	2.179	3.129	7.7	18.7
5 31	14 4.67	−16 4.7	2.246	3.129	10.8	18.9

291327 2006 BQ_{194} 4 29.4 310°.35 1°.4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 44.79	−22 41.8	4.090	4.851	8.3	20.6
4 1	14 41.56	−22 36.2	3.983	4.843	6.6	20.4
4 11	14 37.26	−22 23.4	3.901	4.836	4.7	20.3
4 21	14 32.20	−22 3.8	3.845	4.828	2.8	20.1
5 1	14 26.76	−21 38.6	3.819	4.821	1.4	20.0
5 11	14 21.39	−21 9.7	3.822	4.814	2.6	20.1
5 21	14 16.47	−20 39.2	3.855	4.806	4.6	20.2
5 31	14 12.38	−20 9.4	3.914	4.799	6.5	20.4

187250 2005 SQ_{221} 4 29.4 243°.83 4°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.01	−28 55.0	2.783	3.509	12.5	20.4
4 1	14 52.66	−29 44.5	2.670	3.497	10.5	20.2
4 11	14 45.21	−30 23.4	2.580	3.484	8.3	20.0
4 21	14 36.10	−30 49.3	2.515	3.471	6.0	19.9
5 1	14 26.02	−31 0.9	2.479	3.458	4.6	19.8
5 11	14 15.86	−30 59.0	2.471	3.445	5.3	19.8
5 21	14 6.46	−30 46.0	2.492	3.431	7.4	19.9
5 31	13 58.59	−30 26.1	2.539	3.417	9.9	20.0

251640 2010 KH_{116} 4 29.4 249°.40 2°.5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.69	− 8 21.0	2.679	3.487	10.9	21.2
4 1	14 45.84	− 7 40.9	2.579	3.475	8.5	21.0
4 11	14 40.38	− 6 56.4	2.504	3.462	5.8	20.8
4 21	14 33.73	− 6 10.6	2.457	3.449	3.2	20.7
5 1	14 26.48	− 5 27.2	2.438	3.435	2.9	20.6
5 11	14 19.31	− 4 50.1	2.448	3.421	5.3	20.8
5 21	14 12.85	− 4 22.2	2.485	3.407	8.2	20.9
5 31	14 7.64	− 4 5.9	2.547	3.393	10.9	21.1

115500 2003 UC_{27} 4 29.4 211°.59 3°.1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.97	− 8 25.6	2.392	3.204	12.0	20.8
4 1	14 46.97	− 7 22.3	2.301	3.198	9.3	20.7
4 11	14 41.19	− 6 13.1	2.234	3.192	6.3	20.5
4 21	14 34.12	− 5 2.1	2.195	3.186	3.7	20.3
5 1	14 26.41	− 3 54.4	2.184	3.179	3.6	20.2
5 11	14 18.85	− 2 55.4	2.203	3.171	6.2	20.4
5 21	14 12.14	− 2 8.8	2.248	3.163	9.3	20.6
5 31	14 6.85	− 1 37.4	2.317	3.155	12.1	20.7

366386 2000 YH_{28} 4 29.4 149°.18 0°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.62	−20 38.3	2.287	3.070	13.4	20.9
4 1	14 48.35	−20 1.0	2.201	3.077	10.6	20.7
4 11	14 42.14	−19 10.6	2.137	3.084	7.3	20.5
4 21	14 34.55	−18 8.9	2.099	3.091	3.6	20.3
5 1	14 26.34	−16 59.7	2.090	3.097	0.8	20.1
5 11	14 18.38	−15 48.2	2.110	3.102	4.2	20.4
5 21	14 11.44	−14 39.9	2.158	3.107	7.8	20.6
5 31	14 6.11	−13 39.8	2.232	3.112	11.0	20.8

352665 2008 RW_{56} 4 29.4 150°.13 3°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.68	−22 58.3	1.541	2.333	18.4	21.6
4 1	14 54.27	−23 12.3	1.461	2.338	14.9	21.4
4 11	14 46.79	−23 9.7	1.400	2.343	10.7	21.2
4 21	14 36.93	−22 49.5	1.361	2.347	6.2	20.9
5 1	14 25.89	−22 13.1	1.348	2.351	3.2	20.7
5 11	14 15.13	−21 25.7	1.362	2.354	5.9	20.9
5 21	14 5.97	−20 34.5	1.400	2.358	10.4	21.2
5 31	13 59.38	−19 47.1	1.462	2.360	14.5	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
236187 2005 WG_{18}			4 29.4	5°.23	1°.6/30.5	16
	h m	° ′			°	m
3 22	14 52.55	−20 38.3	1.252	2.077	20.0	20.3
4 1	14 50.01	−20 26.1	1.176	2.076	16.0	20.0
4 11	14 44.17	−19 54.2	1.119	2.076	11.2	19.7
4 21	14 35.78	−19 3.7	1.083	2.077	5.8	19.4
5 1	14 26.10	−17 59.2	1.071	2.078	1.7	19.1
5 11	14 16.74	−16 48.8	1.083	2.079	6.4	19.5
5 21	14 9.11	−15 42.2	1.118	2.081	11.8	19.8
5 31	14 4.24	−14 47.7	1.174	2.083	16.5	20.0
353622 2011 UF_{43}			4 29.4	189°.19	0°.7/30.3	16
3 22	14 50.83	−19 19.1	2.968	3.744	10.8	22.4
4 1	14 46.57	−19 1.4	2.869	3.743	8.5	22.2
4 11	14 40.78	−18 34.8	2.795	3.741	5.9	22.1
4 21	14 33.89	−18 0.5	2.748	3.739	3.0	21.9
5 1	14 26.47	−17 20.6	2.730	3.737	0.8	21.7
5 11	14 19.17	−16 38.2	2.742	3.734	3.4	21.9
5 21	14 12.58	−15 56.8	2.783	3.731	6.3	22.1
5 31	14 7.22	−15 19.7	2.850	3.727	9.0	22.2
230079 2000 WW_{1}			4 29.4	88°.61	3°.0/27.4	18
3 22	14 54.73	− 7 28.0	1.871	2.690	14.5	20.2
4 1	14 50.33	− 7 6.8	1.795	2.695	11.3	20.0
4 11	14 43.65	− 6 42.4	1.741	2.700	7.7	19.8
4 21	14 35.31	− 6 18.3	1.713	2.705	4.1	19.6
5 1	14 26.21	− 5 58.7	1.711	2.711	3.4	19.6
5 11	14 17.36	− 5 47.5	1.737	2.716	6.6	19.8
5 21	14 9.69	− 5 47.5	1.789	2.721	10.3	20.0
5 31	14 3.91	− 6 0.2	1.864	2.726	13.6	20.2
134731 2000 AU_{101}			4 29.4	144°.29	2°.2/27.8	18
3 22	14 56.54	−10 42.4	2.001	2.808	14.2	20.4
4 1	14 51.54	−10 8.3	1.924	2.819	11.0	20.2
4 11	14 44.35	− 9 27.8	1.871	2.829	7.4	20.0
4 21	14 35.60	− 8 44.3	1.844	2.839	3.6	19.7
5 1	14 26.16	− 8 2.3	1.845	2.848	2.6	19.7
5 11	14 17.02	− 7 26.5	1.875	2.856	5.9	19.9
5 21	14 9.05	− 7 0.8	1.931	2.864	9.6	20.1
5 31	14 2.92	− 6 47.6	2.011	2.871	12.9	20.4
385465 2003 UF_{35}			4 29.4	221°.29	1°.0/30.4	18
3 22	14 52.25	−20 44.9	2.402	3.182	12.9	21.9
4 1	14 48.13	−20 18.1	2.299	3.174	10.3	21.7
4 11	14 42.06	−19 38.7	2.219	3.165	7.1	21.5
4 21	14 34.56	−18 48.0	2.165	3.156	3.7	21.2
5 1	14 26.34	−17 48.9	2.140	3.147	1.0	21.0
5 11	14 18.23	−16 45.7	2.144	3.137	4.1	21.2
5 21	14 11.02	−15 43.8	2.176	3.127	7.7	21.4
5 31	14 5.35	−14 47.9	2.234	3.116	10.9	21.6
432149 2009 BJ_{106}			4 29.4	333°.86	6°.4/23.6	17
3 22	14 48.54	− 0 13.6	1.934	2.767	13.6	20.7
4 1	14 45.49	+ 1 2.6	1.858	2.761	10.8	20.5
4 11	14 40.39	+ 2 19.1	1.804	2.755	8.2	20.4
4 21	14 33.80	+ 3 29.3	1.776	2.749	6.5	20.2
5 1	14 26.49	+ 4 26.3	1.774	2.744	7.1	20.3
5 11	14 19.37	+ 5 4.7	1.798	2.740	9.4	20.4
5 21	14 13.24	+ 5 21.5	1.845	2.735	12.3	20.6
5 31	14 8.78	+ 5 16.3	1.913	2.731	15.1	20.7
147990 1995 YX_{10}			4 29.4	160°.17	3°.9/ 4.2	18
3 22	14 52.85	−31 57.4	3.261	3.972	11.1	21.9
4 1	14 48.11	−32 2.0	3.164	3.979	9.4	21.7
4 11	14 41.79	−31 53.5	3.089	3.985	7.3	21.6
4 21	14 34.35	−31 31.3	3.039	3.991	5.3	21.5
5 1	14 26.39	−30 55.9	3.018	3.996	4.0	21.4
5 11	14 18.59	−30 9.7	3.026	4.001	4.3	21.4
5 21	14 11.57	−29 16.3	3.062	4.006	6.0	21.5
5 31	14 5.83	−28 19.8	3.126	4.010	8.1	21.7
363279 2002 GY_{120}			4 29.5	2°.12	4°.9/26.9	17
3 22	14 55.20	− 5 6.7	1.360	2.200	17.8	20.3
4 1	14 51.58	− 4 38.1	1.289	2.199	14.0	20.1
4 11	14 44.96	− 4 7.3	1.237	2.199	9.8	19.8
4 21	14 36.07	− 3 40.1	1.208	2.199	5.9	19.6
5 1	14 26.07	− 3 22.5	1.204	2.200	5.4	19.6
5 11	14 16.37	− 3 19.9	1.224	2.200	9.0	19.8
5 21	14 8.23	− 3 34.8	1.267	2.202	13.4	20.0
5 31	14 2.58	− 4 8.1	1.331	2.203	17.3	20.2
268472 2005 XK_{31}			4 29.5	223°.71	1°.4/28.3	18
3 22	14 53.26	−13 2.0	2.098	2.904	13.6	21.4
4 1	14 49.11	−12 28.3	2.003	2.897	10.6	21.2
4 11	14 42.84	−11 46.1	1.931	2.889	7.1	21.0
4 21	14 34.96	−10 58.1	1.885	2.881	3.4	20.7
5 1	14 26.28	−10 8.4	1.868	2.873	1.8	20.6
5 11	14 17.72	− 9 22.2	1.878	2.864	5.5	20.8
5 21	14 10.15	− 8 44.0	1.916	2.854	9.3	21.0
5 31	14 4.28	− 8 17.4	1.977	2.844	12.7	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
255748 2006 RA_{12}			4 29.5	157°.53	0°.7/28.9	18
	h m	° ′			°	m
3 22	14 55.66	−15 10.4	2.093	2.891	14.0	21.9
4 1	14 50.85	−14 40.0	2.010	2.898	10.9	21.7
4 11	14 43.90	−14 0.0	1.950	2.905	7.3	21.5
4 21	14 35.41	−13 12.8	1.916	2.912	3.4	21.3
5 1	14 26.21	−12 22.4	1.911	2.917	1.1	21.1
5 11	14 17.27	−11 33.8	1.934	2.922	5.0	21.4
5 21	14 9.43	−10 51.6	1.984	2.926	8.8	21.6
5 31	14 3.38	−10 19.6	2.060	2.930	12.2	21.8
60894 2000 JP_{21}			4 29.5	280°.13	2°.4/30.8	18
3 22	14 55.22	−20 53.9	1.447	2.255	18.6	19.0
4 1	14 51.98	−21 5.0	1.353	2.242	15.0	18.7
4 11	14 45.56	−21 0.4	1.277	2.228	10.7	18.4
4 21	14 36.52	−20 39.4	1.224	2.215	5.9	18.1
5 1	14 25.97	−20 3.4	1.196	2.201	2.4	17.9
5 11	14 15.43	−19 17.6	1.193	2.188	6.2	18.1
5 21	14 6.34	−18 29.4	1.214	2.174	11.3	18.3
5 31	13 59.86	−17 46.6	1.256	2.160	16.0	18.5
507318 2011 QY_{73}			4 29.5	184°.56	1°.8/ 1.3	17
3 22	14 51.76	−22 47.3	2.837	3.601	11.5	22.8
4 1	14 47.41	−22 38.0	2.739	3.601	9.2	22.6
4 11	14 41.41	−22 18.0	2.664	3.601	6.6	22.4
4 21	14 34.21	−21 47.7	2.615	3.600	3.7	22.2
5 1	14 26.44	−21 9.0	2.595	3.599	1.8	22.1
5 11	14 18.79	−20 24.9	2.605	3.597	3.6	22.2
5 21	14 11.93	−19 39.2	2.644	3.595	6.4	22.4
5 31	14 6.38	−18 55.8	2.709	3.593	9.1	22.6
241915 2002 AK_{60}			4 29.5	136°.64	11°.4/18.2	17
3 22	14 52.86	+15 19.9	1.961	2.764	14.6	20.1
4 1	14 48.73	+17 7.1	1.912	2.769	12.8	20.0
4 11	14 42.48	+18 41.4	1.885	2.773	11.7	19.9
4 21	14 34.73	+19 54.1	1.881	2.778	11.4	19.9
5 1	14 26.35	+20 38.6	1.901	2.782	12.2	19.9
5 11	14 18.31	+20 51.6	1.943	2.786	13.7	20.1
5 21	14 11.42	+20 33.7	2.005	2.789	15.5	20.2
5 31	14 6.32	+19 48.0	2.084	2.793	17.3	20.3
471735 2012 UN_{38}			4 29.5	267°.94	1°.8/30.9	17
3 22	14 51.47	−21 55.8	2.120	2.905	14.2	21.3
4 1	14 47.81	−21 44.5	2.025	2.901	11.4	21.0
4 11	14 42.01	−21 19.6	1.951	2.896	8.1	20.8
4 21	14 34.59	−20 41.8	1.903	2.891	4.4	20.6
5 1	14 26.36	−19 53.5	1.881	2.886	1.8	20.4
5 11	14 18.28	−18 59.3	1.888	2.881	4.5	20.6
5 21	14 11.21	−18 4.6	1.921	2.876	8.2	20.8
5 31	14 5.88	−17 14.6	1.980	2.871	11.6	21.0
87239 2000 OH_{45}			4 29.5	154°.74	3°.4/ 2.9	18
3 22	14 55.66	−28 38.5	2.571	3.308	13.2	19.9
4 1	14 50.63	−28 31.3	2.479	3.318	10.9	19.8
4 11	14 43.64	−28 8.9	2.409	3.327	8.2	19.6
4 21	14 35.26	−27 31.0	2.365	3.335	5.4	19.4
5 1	14 26.26	−26 39.0	2.350	3.342	3.5	19.3
5 11	14 17.50	−25 36.7	2.363	3.349	4.4	19.4
5 21	14 9.75	−24 29.2	2.405	3.355	7.0	19.6
5 31	14 3.62	−23 22.1	2.474	3.361	9.8	19.7
321234 2009 BE_{31}			4 29.5	131°.46	1°.2/28.5	17
3 22	14 52.41	−12 46.9	2.281	3.085	12.7	21.5
4 1	14 48.16	−12 24.0	2.199	3.092	9.9	21.3
4 11	14 42.01	−11 54.4	2.140	3.098	6.6	21.1
4 21	14 34.52	−11 20.6	2.108	3.103	3.1	20.9
5 1	14 26.40	−10 45.9	2.104	3.109	1.5	20.8
5 11	14 18.49	−10 14.2	2.128	3.115	4.8	21.0
5 21	14 11.53	− 9 49.1	2.180	3.120	8.3	21.2
5 31	14 6.12	− 9 33.2	2.256	3.125	11.3	21.4
240550 2004 RE_{7}			4 29.5	315°.78	4°.7/27.3	17
3 22	14 53.08	− 6 35.2	1.179	2.031	19.2	19.9
4 1	14 50.74	− 6 12.9	1.093	2.011	15.3	19.6
4 11	14 44.97	− 5 46.0	1.025	1.991	10.7	19.2
4 21	14 36.34	− 5 20.3	0.978	1.973	6.1	18.9
5 1	14 26.01	− 5 2.4	0.954	1.954	5.2	18.8
5 11	14 15.63	− 4 59.4	0.953	1.937	9.7	19.0
5 21	14 6.80	− 5 15.5	0.973	1.920	15.1	19.2
5 31	14 0.80	− 5 52.6	1.012	1.904	20.0	19.4
425832 2011 EA_{23}			4 29.5	359°.96	7°.4/23.5	17
3 22	14 47.87	− 1 55.0	1.457	2.307	16.3	20.3
4 1	14 45.58	− 0 18.8	1.391	2.305	12.9	20.1
4 11	14 40.75	+ 1 20.0	1.346	2.304	9.6	19.9
4 21	14 34.05	+ 2 52.2	1.325	2.304	7.5	19.8
5 1	14 26.48	+ 4 7.8	1.329	2.304	8.3	19.8
5 11	14 19.21	+ 4 59.2	1.356	2.305	11.2	20.0
5 21	14 13.26	+ 5 22.7	1.405	2.307	14.7	20.2
5 31	14 9.40	+ 5 17.9	1.473	2.309	17.9	20.4

299962 2006 TV_{78} 4 29.5 253°.26 1°.2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.54	−19 7.2	2.331	3.118	13.0	20.7
4 1	14 48.43	−19 9.8	2.234	3.112	10.4	20.5
4 11	14 42.33	−19 2.8	2.159	3.107	7.2	20.3
4 21	14 34.73	−18 46.8	2.110	3.101	3.8	20.0
5 1	14 26.36	−18 23.4	2.090	3.096	1.2	19.8
5 11	14 18.09	−17 56.0	2.097	3.090	4.2	20.0
5 21	14 10.72	−17 28.2	2.132	3.084	7.7	20.2
5 31	14 4.92	−17 4.0	2.192	3.078	10.9	20.4

174683 2003 TD_{7} 4 29.5 250°.98 3°.8/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.87	− 5 43.1	1.891	2.702	14.7	20.7
4 1	14 53.90	− 5 18.6	1.787	2.682	11.7	20.4
4 11	14 46.35	− 4 51.3	1.706	2.662	8.1	20.2
4 21	14 36.75	− 4 25.1	1.650	2.640	4.8	19.9
5 1	14 25.98	− 4 4.7	1.622	2.618	4.3	19.8
5 11	14 15.16	− 3 54.4	1.622	2.595	7.6	20.0
5 21	14 5.39	− 3 57.7	1.648	2.571	11.5	20.1
5 31	13 57.60	− 4 16.1	1.697	2.547	15.3	20.3

457469 2008 UF_{221} 4 29.5 289°.11 3°.5/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.84	−22 33.7	1.361	2.170	19.5	21.7
4 1	14 52.04	−22 54.4	1.264	2.152	16.0	21.4
4 11	14 45.84	−22 58.1	1.186	2.134	11.7	21.1
4 21	14 36.77	−22 42.6	1.129	2.116	6.9	20.8
5 1	14 25.96	−22 8.4	1.095	2.099	3.5	20.5
5 11	14 15.04	−21 20.1	1.086	2.081	6.7	20.7
5 21	14 5.62	−20 25.8	1.100	2.063	11.9	20.9
5 31	13 59.01	−19 34.7	1.136	2.046	16.9	21.1

186904 2004 LQ_{15} 4 29.5 320°.39 4°.4/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.87	− 7 31.3	1.436	2.280	16.8	20.0
4 1	14 47.49	− 6 44.4	1.348	2.263	13.3	19.7
4 11	14 42.32	− 5 50.2	1.281	2.245	9.2	19.4
4 21	14 34.93	− 4 54.5	1.236	2.229	5.3	19.1
5 1	14 26.32	− 4 4.6	1.216	2.213	5.0	19.1
5 11	14 17.78	− 3 27.9	1.220	2.198	8.9	19.2
5 21	14 10.53	− 3 9.7	1.247	2.183	13.4	19.5
5 31	14 5.54	− 3 13.1	1.294	2.169	17.6	19.7

7138 1994 AK_{15} 4 29.5 168°.15 3°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.19	−27 0.5	2.170	2.926	14.8	18.2
4 1	14 51.52	−27 12.7	2.079	2.929	12.2	18.1
4 11	14 44.52	−27 9.6	2.008	2.932	9.1	17.9
4 21	14 35.79	−26 50.2	1.961	2.935	6.0	17.7
5 1	14 26.20	−26 15.3	1.942	2.937	3.9	17.5
5 11	14 16.80	−25 28.4	1.951	2.939	5.1	17.6
5 21	14 8.53	−24 34.8	1.987	2.940	8.1	17.8
5 31	14 2.14	−23 40.7	2.049	2.940	11.3	18.0

22556 1998 FU_{120} 4 29.5 266°.69 0°.3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.66	−17 34.6	1.450	2.266	18.1	19.0
4 1	14 52.31	−17 18.3	1.351	2.248	14.5	18.7
4 11	14 45.79	−16 46.6	1.272	2.229	10.1	18.4
4 21	14 36.67	−16 0.5	1.215	2.210	4.9	18.1
5 1	14 26.01	−15 3.9	1.183	2.191	0.8	17.7
5 11	14 15.30	−14 3.7	1.178	2.171	6.5	18.0
5 21	14 5.97	−13 8.0	1.196	2.151	12.0	18.3
5 31	13 59.19	−12 24.4	1.236	2.130	16.9	18.5

506747 2006 VC_{79} 4 29.5 163°.73 1°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.46	−10 19.4	2.994	3.791	10.2	22.7
4 1	14 46.94	− 9 54.9	2.907	3.796	7.9	22.6
4 11	14 40.97	− 9 26.4	2.845	3.801	5.3	22.4
4 21	14 33.99	− 8 56.1	2.811	3.805	2.6	22.2
5 1	14 26.55	− 8 26.7	2.807	3.809	1.8	22.2
5 11	14 19.25	− 8 1.1	2.832	3.813	4.2	22.3
5 21	14 12.66	− 7 41.6	2.886	3.816	6.9	22.5
5 31	14 7.24	− 7 30.1	2.966	3.818	9.4	22.7

438124 2005 QL_{67} 4 29.5 267°.99 0°.8/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.50	−13 48.3	2.481	3.280	12.0	22.2
4 1	14 47.53	−13 29.6	2.372	3.261	9.4	22.0
4 11	14 41.70	−13 3.7	2.286	3.242	6.3	21.7
4 21	14 34.46	−12 32.4	2.227	3.223	2.9	21.5
5 1	14 26.45	−11 58.6	2.197	3.203	1.1	21.3
5 11	14 18.46	−11 25.9	2.196	3.184	4.6	21.5
5 21	14 11.23	−10 57.9	2.222	3.164	8.0	21.7
5 31	14 5.41	−10 37.8	2.273	3.143	11.2	21.9

159886 2004 SP_{33} 4 29.5 206°.72 1°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.88	− 9 4.6	2.758	3.562	10.8	19.9
4 1	14 46.68	− 8 46.0	2.667	3.559	8.4	19.8
4 11	14 40.90	− 8 24.2	2.600	3.557	5.6	19.6
4 21	14 34.00	− 8 1.3	2.561	3.555	2.9	19.4
5 1	14 26.55	− 7 40.1	2.551	3.552	2.1	19.3
5 11	14 19.21	− 7 23.5	2.570	3.549	4.7	19.5
5 21	14 12.61	− 7 13.7	2.616	3.546	7.5	19.7
5 31	14 7.25	− 7 12.6	2.688	3.543	10.1	19.8

359818 2011 UW_{280} 4 29.5 198°.27 3°.4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.32	−28 47.4	2.998	3.732	11.6	22.1
4 1	14 47.90	−28 52.8	2.894	3.729	9.6	21.9
4 11	14 41.79	−28 45.7	2.812	3.725	7.3	21.7
4 21	14 34.44	−28 25.4	2.756	3.721	5.0	21.6
5 1	14 26.47	−27 52.8	2.728	3.717	3.5	21.5
5 11	14 18.60	−27 10.3	2.729	3.712	4.2	21.5
5 21	14 11.50	−26 21.4	2.758	3.707	6.3	21.6
5 31	14 5.73	−25 30.6	2.815	3.702	8.7	21.8

471402 2011 SZ_{172} 4 29.5 230°.07 0°.1/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.21	−16 26.8	2.933	3.717	10.7	22.9
4 1	14 46.95	−16 4.8	2.824	3.705	8.4	22.7
4 11	14 41.12	−15 35.0	2.740	3.691	5.7	22.5
4 21	14 34.12	−14 58.9	2.683	3.677	2.7	22.3
5 1	14 26.52	−14 18.8	2.656	3.663	0.5	22.0
5 11	14 18.99	−13 38.0	2.658	3.648	3.7	22.3
5 21	14 12.12	−12 59.7	2.690	3.633	6.7	22.5
5 31	14 6.46	−12 27.3	2.747	3.617	9.5	22.6

305444 2008 CG_{194} 4 29.5 60°.85 0°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.39	−14 27.7	2.273	3.078	12.8	21.6
4 1	14 46.61	−14 4.1	2.193	3.086	9.9	21.4
4 11	14 40.99	−13 32.7	2.137	3.094	6.6	21.2
4 21	14 34.06	−12 55.9	2.106	3.102	3.0	21.0
5 1	14 26.54	−12 16.9	2.104	3.110	1.1	20.8
5 11	14 19.24	−11 39.9	2.130	3.119	4.6	21.1
5 21	14 12.88	−11 8.6	2.183	3.127	8.0	21.3
5 31	14 8.03	−10 46.1	2.261	3.136	11.0	21.5

211427 2002 XK_{20} 4 29.5 208°.00 0°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.16	−17 24.5	2.306	3.096	13.0	20.8
4 1	14 48.89	−17 22.0	2.212	3.094	10.3	20.6
4 11	14 42.62	−17 10.7	2.141	3.092	7.1	20.4
4 21	14 34.88	−16 51.6	2.097	3.090	3.5	20.2
5 1	14 26.39	−16 26.8	2.080	3.087	0.7	20.0
5 11	14 18.02	−15 59.6	2.092	3.084	4.3	20.2
5 21	14 10.58	−15 33.7	2.132	3.081	7.8	20.4
5 31	14 4.73	−15 12.9	2.196	3.078	11.0	20.6

148676 2001 SR_{202} 4 29.5 85°.54 1°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.55	−13 20.3	1.707	2.525	15.7	20.0
4 1	14 49.67	−12 47.5	1.633	2.533	12.3	19.8
4 11	14 43.35	−12 5.1	1.580	2.541	8.2	19.6
4 21	14 35.24	−11 16.6	1.552	2.549	3.8	19.3
5 1	14 26.33	−10 26.9	1.551	2.556	1.9	19.2
5 11	14 17.74	− 9 42.0	1.577	2.564	6.1	19.5
5 21	14 10.44	− 9 6.9	1.628	2.572	10.2	19.8
5 31	14 5.18	− 8 45.3	1.702	2.579	13.9	20.0

498820 2008 UO_{362} 4 29.5 180°.63 5°.1/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.13	−32 55.4	2.607	3.321	13.6	22.3
4 1	14 51.21	−33 13.7	2.507	3.322	11.5	22.1
4 11	14 44.20	−33 16.2	2.429	3.323	9.2	21.9
4 21	14 35.62	−33 1.0	2.375	3.323	6.8	21.8
5 1	14 26.26	−32 28.1	2.347	3.322	5.2	21.7
5 11	14 17.04	−31 39.9	2.348	3.321	5.6	21.7
5 21	14 8.82	−30 41.0	2.377	3.320	7.5	21.8
5 31	14 2.29	−29 37.2	2.432	3.318	10.0	22.0

2110 Moore–Sitterly 4 29.5 262°.78 0°.9/28.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.63	−15 3.5	1.548	2.366	17.1	17.1
4 1	14 52.01	−14 39.8	1.449	2.348	13.6	16.8
4 11	14 45.43	−14 3.3	1.371	2.330	9.3	16.5
4 21	14 36.45	−13 16.1	1.315	2.312	4.3	16.2
5 1	14 26.08	−12 22.8	1.286	2.293	1.4	15.9
5 11	14 15.70	−11 30.2	1.283	2.273	6.6	16.2
5 21	14 6.60	−10 45.1	1.304	2.253	11.8	16.5
5 31	13 59.86	−10 13.6	1.348	2.233	16.3	16.7

248978 2007 DH_{111} 4 29.5 322°.77 1°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.11	− 8 21.2	4.134	4.940	7.4	20.7
4 1	14 40.18	− 7 42.9	4.041	4.936	5.7	20.6
4 11	14 36.32	− 7 2.1	3.974	4.931	3.8	20.4
4 21	14 31.80	− 6 20.7	3.936	4.927	2.1	20.3
5 1	14 26.97	− 5 41.2	3.927	4.923	1.9	20.3
5 11	14 22.22	− 5 5.7	3.947	4.919	3.6	20.4
5 21	14 17.89	− 4 36.2	3.996	4.915	5.5	20.5
5 31	14 14.31	− 4 14.2	4.071	4.912	7.3	20.6

129772 1999 HR_{11} 4 29.5 1°.35 0°.1/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.45	−12 18.9	41.387	42.179	0.8	23.5
4 1	14 29.83	−12 15.6	41.292	42.179	0.6	23.5
4 11	14 29.13	−12 12.0	41.224	42.179	0.4	23.5
4 21	14 28.38	−12 8.3	41.184	42.179	0.2	23.5
5 1	14 27.60	−12 4.5	41.173	42.179	0.1	23.4
5 11	14 26.83	−12 0.9	41.192	42.179	0.3	23.5
5 21	14 26.09	−11 57.5	41.240	42.179	0.5	23.5
5 31	14 25.41	−11 54.5	41.315	42.179	0.7	23.5

253570 2003 ST_{288} 4 29.5 253°.19 1°.5/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.96	−12 59.5	1.800	2.610	15.4	21.7
4 1	14 51.79	−12 34.2	1.697	2.593	12.1	21.4
4 11	14 45.02	−11 59.3	1.616	2.574	8.2	21.2
4 21	14 36.17	−11 17.4	1.560	2.555	3.9	20.9
5 1	14 26.15	−10 32.8	1.530	2.536	1.9	20.7
5 11	14 16.12	− 9 50.9	1.529	2.516	6.3	20.9
5 21	14 7.19	− 9 17.3	1.553	2.495	10.8	21.1
5 31	14 0.30	− 8 56.4	1.600	2.474	14.9	21.3

431420 2007 JV_{25} 4 29.5 291°.99 2°.9/27.2 17

3 22	14 50.77	−10 21.9	1.811	2.636	14.7	21.4
4 1	14 47.62	− 9 33.9	1.713	2.617	11.5	21.2
4 11	14 42.11	− 8 37.0	1.637	2.599	7.8	20.9
4 21	14 34.76	− 7 35.4	1.586	2.580	4.1	20.6
5 1	14 26.41	− 6 34.7	1.561	2.562	3.4	20.5
5 11	14 18.11	− 5 41.7	1.564	2.544	7.0	20.7
5 21	14 10.85	− 5 1.7	1.591	2.525	11.1	20.9
5 31	14 5.46	− 4 38.6	1.641	2.507	14.9	21.1

443262 2014 EF_{14} 4 29.5 164°.88 12°.2/18.2 18

3 22	14 55.05	+ 5 40.6	1.374	2.212	17.8	20.7
4 1	14 51.30	+ 8 45.6	1.322	2.217	14.9	20.6
4 11	14 44.66	+11 47.4	1.292	2.220	12.8	20.4
4 21	14 35.92	+14 30.0	1.286	2.223	12.3	20.4
5 1	14 26.23	+16 38.7	1.305	2.226	13.8	20.5
5 11	14 16.97	+18 4.6	1.346	2.228	16.4	20.7
5 21	14 9.28	+18 46.0	1.407	2.229	19.2	20.9
5 31	14 4.01	+18 46.5	1.482	2.230	21.7	21.0

346802 2009 BZ_{177} 4 29.5 103°.09 1°.4/28.2 17 R

3 22	14 51.40	−12 43.0	2.314	3.119	12.5	21.5
4 1	14 47.30	−12 6.0	2.238	3.132	9.7	21.4
4 11	14 41.39	−11 21.9	2.186	3.144	6.4	21.2
4 21	14 34.24	−10 33.9	2.161	3.157	3.0	21.0
5 1	14 26.55	− 9 45.9	2.164	3.169	1.8	20.9
5 11	14 19.11	− 9 2.1	2.196	3.181	4.9	21.1
5 21	14 12.62	− 8 26.3	2.256	3.192	8.2	21.4
5 31	14 7.63	− 8 1.2	2.339	3.204	11.1	21.6

523559 2017 XM_{45} 4 29.5 200°.02 0°.8/30.3 17

3 22	14 49.97	−20 5.2	2.383	3.170	12.8	21.8
4 1	14 46.32	−19 38.1	2.290	3.170	10.1	21.7
4 11	14 40.84	−18 59.1	2.221	3.170	7.0	21.5
4 21	14 34.03	−18 10.0	2.177	3.169	3.5	21.2
5 1	14 26.58	−17 13.7	2.162	3.168	0.9	21.0
5 11	14 19.30	−16 14.7	2.175	3.168	4.0	21.3
5 21	14 12.91	−15 17.8	2.216	3.167	7.5	21.5
5 31	14 8.02	−14 27.6	2.282	3.167	10.6	21.7

6815 Mutchler 4 29.5 207°.68 0°.5/29.8 18

3 22	14 55.60	−18 8.4	2.088	2.878	14.2	19.4
4 1	14 51.04	−17 49.2	1.991	2.873	11.3	19.2
4 11	14 44.22	−17 18.3	1.916	2.867	7.7	19.0
4 21	14 35.69	−16 37.1	1.867	2.860	3.8	18.7
5 1	14 26.28	−15 48.7	1.845	2.853	0.7	18.4
5 11	14 16.99	−14 57.9	1.853	2.845	4.8	18.7
5 21	14 8.76	−14 9.8	1.888	2.836	8.8	18.9
5 31	14 2.34	−13 29.4	1.947	2.826	12.3	19.1

188774 2005 UP_{478} 4 29.5 262°.01 0°.1/29.4 17

3 22	14 54.19	−16 2.4	1.908	2.712	14.9	21.1
4 1	14 50.26	−15 48.5	1.806	2.696	11.8	20.9
4 11	14 43.89	−15 24.1	1.725	2.681	8.1	20.6
4 21	14 35.62	−14 50.7	1.670	2.665	3.8	20.3
5 1	14 26.28	−14 11.4	1.641	2.649	0.7	20.0
5 11	14 16.97	−13 31.0	1.641	2.632	5.3	20.3
5 21	14 8.71	−12 54.6	1.666	2.615	9.7	20.5
5 31	14 2.36	−12 27.1	1.715	2.598	13.6	20.7

137045 1998 VE 4 29.5 220°.99 0°.5/29.9 18

3 22	14 55.53	−18 4.3	2.174	2.961	13.8	20.5
4 1	14 50.95	−17 46.5	2.071	2.951	11.0	20.3
4 11	14 44.15	−17 17.6	1.991	2.941	7.5	20.1
4 21	14 35.66	−16 38.8	1.936	2.929	3.7	19.8
5 1	14 26.28	−15 52.7	1.910	2.917	0.7	19.5
5 11	14 16.98	−15 4.0	1.913	2.905	4.7	19.8
5 21	14 8.66	−14 17.5	1.944	2.891	8.6	20.0
5 31	14 2.08	−13 38.1	1.999	2.877	12.1	20.2

13985 1992 UH_3 4 29.5 159°.82 2°.0/30.6 18

3 22	15 0.13	−19 55.4	1.610	2.404	17.6	18.2
4 1	14 55.26	−20 9.0	1.528	2.409	14.1	17.9
4 11	14 47.42	−20 9.4	1.466	2.414	9.9	17.7
4 21	14 37.29	−19 56.2	1.427	2.417	5.3	17.4
5 1	14 26.00	−19 31.1	1.415	2.421	2.0	17.2
5 11	14 14.97	−18 58.5	1.430	2.424	5.6	17.5
5 21	14 5.45	−18 24.4	1.471	2.426	10.2	17.7
5 31	13 58.41	−17 55.1	1.535	2.428	14.3	18.0

146190 2000 TC_{25} 4 29.5 245°.52 1°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.15	−20 13.3	2.628	3.404	12.0	20.8
4 1	14 47.96	−20 10.0	2.520	3.392	9.6	20.6
4 11	14 41.97	−19 57.1	2.435	3.379	6.7	20.4
4 21	14 34.59	−19 34.9	2.377	3.366	3.6	20.2
5 1	14 26.49	−19 5.2	2.347	3.352	1.3	20.0
5 11	14 18.44	−18 30.9	2.346	3.339	3.8	20.1
5 21	14 11.15	−17 55.7	2.374	3.324	7.1	20.3
5 31	14 5.26	−17 23.4	2.427	3.310	10.1	20.5

482443 2012 DG_{28} 4 29.5 140°.07 13°.6/ 3.9 18

3 22	15 15.88	−35 8.0	1.253	1.989	24.6	21.0
4 1	15 10.22	−37 51.6	1.180	1.997	21.6	20.8
4 11	14 59.31	−40 17.9	1.124	2.004	18.4	20.6
4 21	14 43.60	−42 12.6	1.087	2.011	15.4	20.4
5 1	14 24.78	−43 22.4	1.073	2.017	13.7	20.4
5 11	14 5.68	−43 42.5	1.081	2.022	14.2	20.4
5 21	13 49.18	−43 19.7	1.110	2.027	16.4	20.5
5 31	13 37.36	−42 29.1	1.160	2.032	19.4	20.7

375895 2009 VF_{86} 4 29.5 265°.62 0°.3/29.2 17

3 22	14 52.38	−16 37.0	1.888	2.695	14.9	21.4
4 1	14 48.82	−16 7.1	1.789	2.682	11.8	21.1
4 11	14 42.89	−15 24.8	1.712	2.668	8.0	20.9
4 21	14 35.13	−14 32.2	1.659	2.655	3.8	20.6
5 1	14 26.40	−13 33.4	1.634	2.641	0.9	20.3
5 11	14 17.74	−12 34.3	1.636	2.627	5.4	20.6
5 21	14 10.16	−11 40.8	1.665	2.613	9.7	20.8
5 31	14 4.46	−10 58.3	1.717	2.599	13.6	21.0

352023 2006 VP_{27} 4 29.5 175°.58 0°.1/29.6 17

3 22	14 51.34	−16 37.9	2.946	3.730	10.7	23.0
4 1	14 46.96	−16 19.5	2.853	3.732	8.3	22.8
4 11	14 41.07	−15 53.6	2.783	3.734	5.6	22.6
4 21	14 34.09	−15 21.8	2.741	3.735	2.7	22.4
5 1	14 26.60	−14 46.4	2.729	3.736	0.5	22.2
5 11	14 19.25	−14 10.3	2.746	3.736	3.6	22.5
5 21	14 12.61	−13 36.8	2.792	3.736	6.5	22.7
5 31	14 7.19	−13 8.7	2.865	3.736	9.1	22.9

128791 2004 RG_{218} 4 29.5 156°.93 5°.3/ 4.2 17

3 22	14 54.78	−31 55.4	2.126	2.863	15.6	20.2
4 1	14 50.58	−32 5.3	2.035	2.867	13.2	20.0
4 11	14 43.98	−31 56.1	1.963	2.870	10.3	19.8
4 21	14 35.59	−31 26.3	1.914	2.873	7.4	19.6
5 1	14 26.33	−30 36.3	1.892	2.875	5.4	19.5
5 11	14 17.29	−29 30.0	1.897	2.878	5.9	19.6
5 21	14 9.47	−28 13.7	1.928	2.880	8.4	19.7
5 31	14 3.62	−26 54.8	1.985	2.881	11.4	19.9

238765 2005 JJ_{82} 4 29.5 336°.76 2°.0/27.9 17

3 22	14 47.34	−13 43.7	1.675	2.505	15.5	20.1
4 1	14 45.07	−12 50.3	1.587	2.494	12.1	19.8
4 11	14 40.42	−11 44.3	1.520	2.484	8.1	19.6
4 21	14 33.98	−10 29.9	1.478	2.475	3.8	19.3
5 1	14 26.62	− 9 13.6	1.462	2.466	2.5	19.2
5 11	14 19.42	− 8 3.0	1.472	2.458	6.6	19.4
5 21	14 13.35	− 7 4.7	1.507	2.451	10.9	19.6
5 31	14 9.21	− 6 23.6	1.563	2.444	14.7	19.8

373534 2001 TR_{169} 4 29.5 226°.22 4°.1/ 1.9 17 R

3 22	15 1.00	−24 54.2	2.192	2.946	14.7	21.4
4 1	14 55.52	−25 40.6	2.086	2.936	12.2	21.2
4 11	14 47.46	−26 16.2	2.001	2.926	9.2	20.9
4 21	14 37.33	−26 38.4	1.941	2.915	6.0	20.7
5 1	14 26.01	−26 46.0	1.909	2.903	4.1	20.6
5 11	14 14.60	−26 40.1	1.906	2.891	5.5	20.7
5 21	14 4.21	−26 24.3	1.931	2.878	8.7	20.8
5 31	13 55.78	−26 3.8	1.981	2.865	12.0	21.0

174608 2003 SY_5 4 29.5 214°.05 1°.4/30.5 17

3 22	14 57.01	−19 58.4	1.948	2.735	15.2	21.0
4 1	14 52.41	−19 53.1	1.850	2.728	12.2	20.7
4 11	14 45.31	−19 35.1	1.773	2.721	8.6	20.5
4 21	14 36.27	−19 4.7	1.722	2.712	4.5	20.2
5 1	14 26.21	−18 24.2	1.697	2.704	1.4	20.0
5 11	14 16.25	−17 38.1	1.701	2.694	5.0	20.2
5 21	14 7.43	−16 51.8	1.732	2.684	9.1	20.4
5 31	14 0.61	−16 11.2	1.788	2.673	12.9	20.7

436743 2011 VL_{16} 4 29.5 270°.07 0°.7/28.9 16

3 22	14 53.45	−12 55.3	2.370	3.170	12.5	21.7
4 1	14 49.13	−12 53.4	2.266	3.156	9.8	21.5
4 11	14 42.84	−12 45.9	2.186	3.141	6.6	21.3
4 21	14 35.05	−12 34.3	2.131	3.127	3.1	21.0
5 1	14 26.44	−12 20.9	2.105	3.112	1.0	20.8
5 11	14 17.85	−12 8.5	2.108	3.097	4.6	21.1
5 21	14 10.08	−12 0.1	2.139	3.082	8.2	21.3
5 31	14 3.82	−11 58.4	2.194	3.067	11.4	21.4

1326 Losaka 4 29.5 198°.34 6°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.63	+ 4 52.2	2.453	3.258	11.9	16.2
4 1	14 49.74	+ 5 49.1	2.374	3.254	9.8	16.0
4 11	14 43.05	+ 6 42.0	2.319	3.250	7.7	15.9
4 21	14 35.06	+ 7 25.7	2.290	3.246	6.5	15.8
5 1	14 26.47	+ 7 55.5	2.289	3.240	7.0	15.8
5 11	14 18.04	+ 8 7.9	2.315	3.234	8.8	15.9
5 21	14 10.50	+ 8 1.7	2.366	3.228	11.0	16.0
5 31	14 4.41	+ 7 37.2	2.440	3.220	13.3	16.2

519035 2010 KJ_5 4 29.5 281°.75 11°.6/16.6 18

3 22	14 55.46	+23 27.9	2.423	3.180	13.4	20.8
4 1	14 50.58	+24 36.7	2.355	3.163	12.4	20.7
4 11	14 43.71	+25 30.1	2.308	3.146	11.7	20.6
4 21	14 35.40	+26 1.1	2.283	3.128	11.7	20.6
5 1	14 26.41	+26 4.6	2.281	3.111	12.3	20.6
5 11	14 17.62	+25 38.4	2.300	3.093	13.5	20.6
5 21	14 9.81	+24 43.4	2.339	3.075	14.9	20.7
5 31	14 3.62	+23 22.7	2.396	3.058	16.3	20.8

33958 Zaferiou 4 29.5 268°.65 4°.8/26.3 17

3 22	14 54.86	− 6 24.0	1.605	2.434	16.1	18.5
4 1	14 51.19	− 5 31.2	1.509	2.415	12.7	18.3
4 11	14 44.77	− 4 31.8	1.434	2.394	8.9	18.0
4 21	14 36.14	− 3 31.6	1.384	2.374	5.5	17.7
5 1	14 26.25	− 2 37.5	1.359	2.353	5.3	17.7
5 11	14 16.36	− 1 57.0	1.360	2.332	8.9	17.8
5 21	14 7.67	− 1 35.0	1.386	2.310	13.2	18.0
5 31	14 1.15	− 1 34.5	1.432	2.288	17.2	18.2

300012 2006 UN_{68} 4 29.5 283°.59 1°.9/27.9 18

3 22	14 51.87	−11 4.0	2.242	3.051	12.8	21.4
4 1	14 48.09	−10 33.7	2.129	3.025	10.0	21.2
4 11	14 42.27	− 9 56.4	2.039	2.998	6.8	20.9
4 21	14 34.84	− 9 14.9	1.975	2.970	3.4	20.7
5 1	14 26.49	− 8 32.8	1.940	2.943	2.3	20.5
5 11	14 18.10	− 7 54.9	1.932	2.915	5.6	20.7
5 21	14 10.51	− 7 25.1	1.951	2.887	9.4	20.9
5 31	14 4.45	− 7 7.0	1.995	2.858	12.8	21.0

155403 1995 UC_{19} 4 29.5 252°.07 0°.6/29.0 18

3 22	14 53.90	−14 19.6	2.040	2.845	14.0	21.2
4 1	14 49.80	−14 5.2	1.942	2.834	11.0	21.0
4 11	14 43.46	−13 42.3	1.866	2.822	7.5	20.7
4 21	14 35.39	−13 12.8	1.815	2.811	3.5	20.5
5 1	14 26.40	−12 39.9	1.792	2.799	1.1	20.3
5 11	14 17.49	−12 7.8	1.797	2.787	5.2	20.5
5 21	14 9.57	−11 40.9	1.829	2.775	9.2	20.7
5 31	14 3.41	−11 22.9	1.885	2.762	12.8	20.9

429827 2012 PS_3 4 29.5 352°.79 4°.1/ 2.3 17

3 22	14 53.25	−25 31.4	1.772	2.554	16.7	20.7
4 1	14 49.81	−25 55.2	1.684	2.552	13.7	20.5
4 11	14 43.72	−26 3.0	1.616	2.550	10.2	20.2
4 21	14 35.58	−25 53.4	1.571	2.549	6.6	20.0
5 1	14 26.37	−25 27.0	1.551	2.548	4.1	19.9
5 11	14 17.31	−24 47.4	1.557	2.547	5.7	19.9
5 21	14 9.53	−24 0.6	1.589	2.547	9.3	20.2
5 31	14 3.91	−23 13.5	1.644	2.547	12.9	20.4

213353 2001 TJ_2 4 29.5 164°.37 0°.7/28.7 18

3 22	14 51.14	−14 29.6	2.678	3.472	11.3	21.6
4 1	14 46.93	−13 57.2	2.589	3.476	8.8	21.5
4 11	14 41.11	−13 17.5	2.525	3.480	5.9	21.3
4 21	14 34.14	−12 32.6	2.488	3.483	2.7	21.1
5 1	14 26.65	−11 45.9	2.480	3.486	1.1	20.9
5 11	14 19.32	−11 0.9	2.502	3.489	4.2	21.2
5 21	14 12.78	−10 21.3	2.552	3.491	7.2	21.4
5 31	14 7.56	− 9 50.1	2.627	3.493	10.0	21.6

136777 1996 TN_{27} 4 29.5 124°.81 3°.2/26.2 18

3 22	14 50.53	− 7 18.6	2.482	3.294	11.6	20.3
4 1	14 46.48	− 6 20.2	2.408	3.305	9.0	20.1
4 11	14 40.80	− 5 17.9	2.359	3.316	6.1	19.9
4 21	14 33.98	− 4 15.8	2.337	3.326	3.6	19.8
5 1	14 26.69	− 3 18.7	2.344	3.336	3.6	19.8
5 11	14 19.62	− 2 30.7	2.379	3.346	5.9	20.0
5 21	14 13.41	− 1 55.1	2.442	3.355	8.7	20.2
5 31	14 8.56	− 1 33.5	2.528	3.365	11.3	20.3

25897 2000 XZ_{32} 4 29.5 200°.27 5°.1/ 3.6 18

3 22	14 57.81	−30 18.4	2.394	3.124	14.2	18.6
4 1	14 52.80	−30 52.5	2.292	3.121	12.0	18.4
4 11	14 45.46	−31 12.2	2.212	3.117	9.4	18.2
4 21	14 36.34	−31 15.2	2.156	3.112	6.8	18.0
5 1	14 26.25	−31 0.7	2.127	3.107	5.1	17.9
5 11	14 16.21	−30 30.6	2.126	3.102	5.8	18.0
5 21	14 7.19	−29 49.1	2.152	3.096	8.1	18.1
5 31	13 59.99	−29 2.0	2.204	3.090	10.8	18.2

153743 2001 UD_{153} 4 29.5 161°.03 0°.6/29.1 18

3 22	14 54.70	−14 44.3	1.949	2.754	14.6	20.4
4 1	14 50.38	−14 26.8	1.865	2.757	11.4	20.2
4 11	14 43.78	−14 0.1	1.803	2.759	7.7	19.9
4 21	14 35.50	−13 26.6	1.766	2.762	3.6	19.7
5 1	14 26.41	−12 49.6	1.757	2.764	1.0	19.5
5 11	14 17.53	−12 13.9	1.776	2.765	5.2	19.8
5 21	14 9.79	−11 43.9	1.821	2.767	9.2	20.0
5 31	14 3.91	−11 23.3	1.890	2.768	12.7	20.2

10676 Jamesmcdanell 4 29.5 128°.16 1°.1/28.7 18

3 22	14 57.16	−14 43.6	1.748	2.555	15.9	18.7
4 1	14 52.39	−14 5.0	1.676	2.569	12.4	18.5
4 11	14 45.13	−13 15.5	1.625	2.583	8.3	18.3
4 21	14 36.10	−12 18.5	1.600	2.596	3.8	18.0
5 1	14 26.32	−11 19.1	1.602	2.608	1.6	17.9
5 11	14 16.92	−10 23.5	1.633	2.620	5.9	18.2
5 21	14 8.90	− 9 37.4	1.689	2.631	10.0	18.5
5 31	14 2.98	− 9 4.9	1.769	2.642	13.7	18.7

391530 2007 RO_{279} 4 29.5 238°.04 0°.4/29.8 15

3 22	14 56.30	−16 4.7	2.598	3.379	12.0	21.6
4 1	14 51.24	−16 10.6	2.486	3.363	9.5	21.4
4 11	14 44.23	−16 9.7	2.398	3.347	6.5	21.2
4 21	14 35.72	−16 2.7	2.337	3.330	3.2	21.0
5 1	14 26.38	−15 51.1	2.305	3.312	0.6	20.7
5 11	14 17.02	−15 37.2	2.303	3.294	4.1	21.0
5 21	14 8.43	−15 24.1	2.330	3.276	7.5	21.2
5 31	14 1.28	−15 14.7	2.384	3.256	10.6	21.3

336522 2008 YM_{66} 4 29.5 275°.56 0°.4/29.7 17

3 22	14 57.40	−15 10.5	1.964	2.762	14.7	21.0
4 1	14 52.85	−15 27.1	1.855	2.742	11.7	20.7
4 11	14 45.76	−15 37.0	1.767	2.720	8.1	20.5
4 21	14 36.60	−15 40.4	1.705	2.699	3.9	20.2
5 1	14 26.21	−15 38.8	1.670	2.678	0.7	19.9
5 11	14 15.70	−15 34.7	1.664	2.656	5.2	20.2
5 21	14 6.17	−15 31.6	1.684	2.634	9.5	20.4
5 31	13 58.56	−15 33.1	1.729	2.612	13.5	20.6

346984 2010 CR_{100} 4 29.5 351°.79 5°.5/ 3.1 17

3 22	14 53.00	−27 50.1	1.687	2.464	17.6	20.7
4 1	14 49.89	−28 31.6	1.600	2.461	14.7	20.5
4 11	14 43.94	−28 56.1	1.531	2.457	11.3	20.3
4 21	14 35.76	−29 0.7	1.484	2.455	7.9	20.1
5 1	14 26.38	−28 44.8	1.462	2.453	5.6	19.9
5 11	14 17.10	−28 11.4	1.465	2.451	6.7	20.0
5 21	14 9.17	−27 26.3	1.493	2.450	9.9	20.2
5 31	14 3.56	−26 37.3	1.544	2.450	13.4	20.4

417542 2006 UA_8 4 29.5 186°.44 1°.3/28.5 17

3 22	14 55.66	−13 11.6	2.119	2.920	13.7	22.4
4 1	14 50.95	−12 42.6	2.030	2.920	10.7	22.2
4 11	14 44.09	−12 5.5	1.963	2.919	7.2	22.0
4 21	14 35.64	−11 22.8	1.923	2.918	3.4	21.8
5 1	14 26.42	−10 38.5	1.911	2.916	1.6	21.6
5 11	14 17.38	− 9 57.3	1.927	2.913	5.3	21.9
5 21	14 9.38	− 9 23.3	1.972	2.910	9.1	22.1
5 31	14 3.12	− 9 0.1	2.040	2.906	12.4	22.3

469509 2003 HC_{57} 4 29.5 307°.97 0°.0/29.6 16

3 22	14 30.57	−15 6.8	41.635	42.419	0.8	22.2
4 1	14 29.94	−15 3.8	41.537	42.417	0.6	22.1
4 11	14 29.24	−15 0.4	41.464	42.416	0.4	22.1
4 21	14 28.49	−14 56.7	41.420	42.414	0.2	22.1
5 1	14 27.71	−14 52.9	41.405	42.413	0.0	22.0
5 11	14 26.94	−14 49.1	41.420	42.411	0.3	22.1
5 21	14 26.20	−14 45.4	41.464	42.409	0.5	22.1
5 31	14 25.51	−14 42.0	41.534	42.408	0.7	22.2

513002 2017 UV_{44} 4 29.5 264°.48 7°.5/22.6 18

3 22	14 54.33	+ 3 38.1	2.099	2.914	13.3	21.4
4 1	14 50.09	+ 4 57.0	2.000	2.887	11.0	21.2
4 11	14 43.67	+ 6 15.1	1.924	2.860	8.7	21.0
4 21	14 35.53	+ 7 25.5	1.874	2.833	7.5	20.9
5 1	14 26.44	+ 8 21.0	1.851	2.804	8.2	20.8
5 11	14 17.32	+ 8 55.9	1.854	2.775	10.5	20.9
5 21	14 9.10	+ 9 7.1	1.881	2.745	13.3	21.0
5 31	14 2.53	+ 8 54.1	1.929	2.714	16.1	21.2

461888 2006 KJ_{30} 4 29.5 320°.74 0°.8/29.9 17

3 22	14 48.70	−18 7.2	1.207	2.047	19.6	21.5
4 1	14 47.44	−18 0.9	1.114	2.024	15.8	21.1
4 11	14 42.87	−17 37.1	1.038	2.001	11.0	20.8
4 21	14 35.50	−16 56.7	0.983	1.979	5.5	20.4
5 1	14 26.42	−16 3.5	0.951	1.958	1.0	20.0
5 11	14 17.23	−15 4.9	0.941	1.938	7.0	20.3
5 21	14 9.53	−14 10.3	0.954	1.919	12.9	20.6
5 31	14 4.61	−13 28.3	0.985	1.901	18.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390302 2013 AF_{68}			4 29.5 232°.64	1°.5/28.2 17		
	h m	° ′			°	m
3 22	14 51.99	−11 28.6	2.432	3.236	12.0	21.5
4 1	14 47.86	−11 4.0	2.335	3.228	9.4	21.3
4 11	14 41.92	−10 33.5	2.263	3.220	6.3	21.1
4 21	14 34.62	− 9 59.5	2.217	3.212	3.0	20.9
5 1	14 26.64	− 9 25.5	2.199	3.203	1.8	20.8
5 11	14 18.76	− 8 55.0	2.211	3.194	4.9	21.0
5 21	14 11.70	− 8 31.5	2.249	3.185	8.3	21.2
5 31	14 6.07	− 8 17.5	2.313	3.176	11.3	21.3
7126 Cureau			4 29.5 256°.37	0°.1/29.5 18		
3 22	14 51.93	−16 42.9	2.125	2.925	13.7	18.4
4 1	14 48.16	−16 23.1	2.030	2.918	10.8	18.1
4 11	14 42.30	−15 53.1	1.957	2.912	7.3	17.9
4 21	14 34.86	−15 14.6	1.910	2.905	3.5	17.7
5 1	14 26.62	−14 30.8	1.891	2.898	0.6	17.4
5 11	14 18.50	−13 46.3	1.899	2.891	4.7	17.7
5 21	14 11.35	−13 5.6	1.935	2.884	8.5	17.9
5 31	14 5.87	−12 33.2	1.995	2.877	12.0	18.1
409264 2004 PS_{99}			4 29.5 258°.15	0°.3/29.7 16		
3 22	14 58.36	−16 23.3	1.697	2.500	16.5	21.7
4 1	14 54.06	−16 22.7	1.590	2.480	13.2	21.4
4 11	14 46.85	−16 11.3	1.504	2.459	9.1	21.2
4 21	14 37.23	−15 49.7	1.442	2.437	4.4	20.8
5 1	14 26.17	−15 20.4	1.407	2.414	0.8	20.5
5 11	14 14.98	−14 47.9	1.399	2.391	5.9	20.8
5 21	14 4.95	−14 17.6	1.416	2.367	10.9	21.0
5 31	13 57.18	−13 55.3	1.457	2.343	15.3	21.2
102590 1999 UT_{52}			4 29.5 191°.22	3°.4/26.1 18		
3 22	14 52.48	− 6 0.0	2.574	3.381	11.4	21.2
4 1	14 48.04	− 5 8.4	2.486	3.380	8.9	21.0
4 11	14 41.91	− 4 13.5	2.423	3.377	6.1	20.8
4 21	14 34.58	− 3 19.2	2.387	3.375	3.8	20.7
5 1	14 26.68	− 2 29.9	2.381	3.371	3.8	20.7
5 11	14 18.92	− 1 49.6	2.403	3.367	6.1	20.8
5 21	14 11.97	− 1 21.2	2.453	3.363	8.9	21.0
5 31	14 6.36	− 1 6.5	2.527	3.357	11.5	21.1
2039 Payne–Gaposchkin			4 29.5 64°.55	1°.0/28.6 18		
3 22	14 51.45	−13 10.4	2.201	3.008	13.0	17.6
4 1	14 47.49	−12 48.3	2.126	3.020	10.1	17.4
4 11	14 41.64	−12 19.2	2.075	3.033	6.7	17.2
4 21	14 34.46	−11 45.8	2.050	3.045	3.1	17.0
5 1	14 26.70	−11 11.4	2.052	3.058	1.4	16.9
5 11	14 19.20	−10 40.1	2.083	3.071	4.8	17.1
5 21	14 12.68	−10 15.2	2.141	3.084	8.2	17.4
5 31	14 7.73	− 9 59.6	2.223	3.096	11.3	17.6
382481 2000 YT_{4}			4 29.5 219°.41	2°.8/ 2.2 17		
3 22	14 54.18	−26 16.9	2.413	3.168	13.5	21.8
4 1	14 49.79	−26 0.3	2.305	3.158	11.1	21.6
4 11	14 43.34	−25 28.1	2.220	3.149	8.2	21.4
4 21	14 35.33	−24 40.3	2.160	3.138	5.0	21.2
5 1	14 26.54	−23 38.8	2.128	3.127	2.8	21.0
5 11	14 17.86	−22 27.6	2.125	3.116	4.4	21.1
5 21	14 10.12	−21 12.6	2.150	3.103	7.6	21.3
5 31	14 4.02	−19 59.7	2.202	3.091	10.7	21.4
388295 2006 ST_{114}			4 29.5 227°.48	1°.2/30.5 17		
3 22	14 53.80	−18 45.3	2.448	3.231	12.6	21.3
4 1	14 49.37	−18 53.0	2.350	3.225	10.0	21.1
4 11	14 43.00	−18 51.9	2.274	3.220	7.0	20.9
4 21	14 35.16	−18 42.7	2.224	3.214	3.6	20.7
5 1	14 26.57	−18 26.6	2.202	3.209	1.2	20.5
5 11	14 18.05	−18 6.5	2.210	3.203	4.0	20.7
5 21	14 10.39	−17 45.7	2.246	3.196	7.4	20.9
5 31	14 4.25	−17 27.7	2.307	3.190	10.5	21.1
120049 2003 BT_{29}			4 29.5 343°.95	1°.8/30.9 18		
3 22	14 50.68	−21 7.2	1.986	2.780	14.7	19.7
4 1	14 47.40	−21 4.2	1.895	2.776	11.8	19.5
4 11	14 41.89	−20 48.2	1.826	2.773	8.3	19.3
4 21	14 34.70	−20 19.8	1.780	2.770	4.5	19.1
5 1	14 26.65	−19 41.2	1.761	2.767	1.8	18.9
5 11	14 18.75	−18 56.8	1.770	2.764	4.6	19.0
5 21	14 11.91	−18 11.9	1.805	2.762	8.5	19.3
5 31	14 6.86	−17 31.6	1.864	2.760	12.0	19.5
93127 2000 SW_{63}			4 29.5 261°.21	0°.3/29.7 18		
3 22	14 54.16	−17 26.7	2.082	2.877	14.1	21.4
4 1	14 50.13	−17 9.5	1.972	2.857	11.2	21.1
4 11	14 43.79	−16 41.0	1.884	2.836	7.7	20.9
4 21	14 35.65	−16 2.5	1.821	2.815	3.7	20.6
5 1	14 26.48	−15 16.7	1.786	2.793	0.6	20.3
5 11	14 17.29	−14 28.3	1.779	2.771	4.9	20.6
5 21	14 9.03	−13 42.5	1.799	2.748	9.1	20.8
5 31	14 2.54	−13 4.4	1.844	2.725	12.8	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470410 2007 UT_{127}			4 29.5 276°.06	3°.5/27.1 17		
	h m	° ′			°	m
3 22	14 57.64	− 4 34.8	2.273	3.076	12.8	21.4
4 1	14 52.61	− 4 20.4	2.156	3.047	10.2	21.1
4 11	14 45.38	− 4 5.2	2.064	3.016	7.1	20.9
4 21	14 36.39	− 3 52.2	1.997	2.986	4.3	20.7
5 1	14 26.35	− 3 44.9	1.960	2.954	3.9	20.6
5 11	14 16.18	− 3 46.8	1.951	2.922	6.7	20.7
5 21	14 6.80	− 4 0.1	1.970	2.890	10.2	20.8
5 31	13 59.01	− 4 26.0	2.013	2.857	13.5	21.0
259286 2003 EJ_{20}			4 29.5 326°.98	10°.0/17.4 18		
3 22	14 45.76	+ 6 31.6	1.827	2.664	14.1	19.3
4 1	14 43.63	+ 9 0.6	1.753	2.647	11.9	19.2
4 11	14 39.38	+11 28.2	1.703	2.629	10.4	19.0
4 21	14 33.54	+13 43.7	1.678	2.613	10.1	19.0
5 1	14 26.87	+15 36.2	1.679	2.597	11.4	19.0
5 11	14 20.32	+16 58.2	1.703	2.581	13.7	19.1
5 21	14 14.73	+17 46.2	1.747	2.566	16.1	19.2
5 31	14 10.84	+18 0.5	1.809	2.552	18.5	19.4
146242 2000 XQ_{2}			4 29.5 150°.50	5°.4/ 5.6 18		
3 22	14 53.34	−35 34.8	2.729	3.430	13.3	19.8
4 1	14 49.01	−35 47.3	2.634	3.435	11.4	19.7
4 11	14 42.72	−35 43.1	2.558	3.439	9.2	19.5
4 21	14 35.01	−35 20.5	2.507	3.443	7.1	19.4
5 1	14 26.62	−34 39.7	2.482	3.447	5.6	19.3
5 11	14 18.42	−33 43.3	2.484	3.451	5.7	19.3
5 21	14 11.19	−32 35.9	2.514	3.455	7.3	19.4
5 31	14 5.55	−31 23.1	2.570	3.458	9.4	19.6
118979 2000 XM_{6}			4 29.5 236°.74	6°.7/ 7.6 18		
3 22	14 55.00	−41 41.8	2.997	3.649	13.1	20.5
4 1	14 50.39	−41 55.3	2.880	3.635	11.6	20.3
4 11	14 43.73	−41 50.6	2.783	3.622	9.9	20.2
4 21	14 35.52	−41 25.2	2.708	3.607	8.2	20.0
5 1	14 26.54	−40 38.3	2.658	3.593	7.0	19.9
5 11	14 17.66	−39 31.4	2.635	3.578	6.8	19.9
5 21	14 9.74	−38 8.9	2.640	3.562	7.8	19.9
5 31	14 3.44	−36 36.6	2.671	3.547	9.5	20.0
258911 2002 QD_{129}			4 29.5 223°.61	0°.6/29.1 17		
3 22	14 56.03	−14 58.7	1.964	2.765	14.6	22.2
4 1	14 51.58	−14 39.5	1.867	2.757	11.5	22.0
4 11	14 44.75	−14 10.6	1.792	2.747	7.8	21.7
4 21	14 36.08	−13 33.9	1.742	2.737	3.6	21.4
5 1	14 26.45	−12 52.9	1.720	2.727	1.0	21.2
5 11	14 16.90	−12 12.3	1.726	2.716	5.3	21.5
5 21	14 8.43	−11 37.1	1.759	2.704	9.5	21.7
5 31	14 1.84	−11 11.6	1.816	2.692	13.3	21.9
131899 2002 BC_{1}			4 29.5 100°.00	0°.8/29.0 18		
3 22	14 57.92	−15 36.8	1.587	2.397	17.1	21.4
4 1	14 53.18	−15 4.5	1.523	2.418	13.3	21.2
4 11	14 45.76	−14 20.2	1.480	2.438	8.9	21.0
4 21	14 36.46	−13 27.3	1.461	2.457	4.1	20.7
5 1	14 26.41	−12 30.9	1.470	2.476	1.3	20.6
5 11	14 16.86	−11 37.8	1.505	2.495	5.9	20.9
5 21	14 8.85	−10 53.6	1.566	2.513	10.3	21.2
5 31	14 3.12	−10 22.8	1.650	2.530	14.1	21.5
122517 2000 QW_{205}			4 29.5 155°.38	1°.2/28.5 17		
3 22	14 54.18	−13 28.2	2.316	3.114	12.8	21.0
4 1	14 49.55	−12 54.9	2.233	3.122	9.9	20.9
4 11	14 43.02	−12 14.0	2.173	3.129	6.6	20.7
4 21	14 35.14	−11 28.0	2.140	3.135	3.1	20.4
5 1	14 26.65	−10 40.8	2.136	3.141	1.5	20.3
5 11	14 18.37	− 9 56.7	2.161	3.146	4.8	20.6
5 21	14 11.07	− 9 19.6	2.213	3.151	8.3	20.8
5 31	14 5.32	− 8 52.6	2.291	3.155	11.3	21.0
16940 1998 GC_{3}			4 29.5 148°.83	6°.5/24.2 18		
3 22	14 55.02	+ 2 55.5	2.156	2.968	13.1	17.8
4 1	14 50.23	+ 3 52.3	2.088	2.976	10.6	17.6
4 11	14 43.48	+ 4 45.5	2.043	2.983	8.1	17.5
4 21	14 35.35	+ 5 29.6	2.025	2.989	6.6	17.4
5 1	14 26.62	+ 5 59.3	2.033	2.995	7.0	17.4
5 11	14 18.16	+ 6 11.1	2.068	3.001	8.9	17.6
5 21	14 10.74	+ 6 3.9	2.129	3.006	11.5	17.7
5 31	14 4.97	+ 5 38.1	2.211	3.011	13.9	17.9
54744 2001 KK_{37}			4 29.5 313°.17	1°.6/28.3 17		
3 22	14 49.07	−14 2.7	1.722	2.546	15.3	18.7
4 1	14 46.66	−13 23.9	1.611	2.515	12.1	18.4
4 11	14 41.76	−12 32.2	1.521	2.483	8.3	18.1
4 21	14 34.82	−11 30.6	1.455	2.452	3.9	17.7
5 1	14 26.67	−10 24.1	1.416	2.421	2.1	17.5
5 11	14 18.41	− 9 19.8	1.402	2.391	6.5	17.7
5 21	14 11.14	− 8 24.6	1.414	2.360	11.2	17.9
5 31	14 5.82	− 7 44.5	1.447	2.331	15.5	18.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
248828 2006 SG_{343}			4 29.5 47°.47	0°.3/29.8 17		
	h m	° ′			°	m
3 22	14 49.62	−19 34.8	2.005	2.805	14.4	20.0
4 1	14 46.31	−18 49.9	1.931	2.818	11.3	19.8
4 11	14 40.97	−17 51.1	1.878	2.832	7.7	19.6
4 21	14 34.20	−16 41.5	1.851	2.845	3.7	19.4
5 1	14 26.82	−15 25.7	1.852	2.859	0.6	19.1
5 11	14 19.76	−14 10.0	1.881	2.873	4.6	19.5
5 21	14 13.79	−13 0.4	1.936	2.888	8.4	19.7
5 31	14 9.52	−12 1.8	2.016	2.902	11.7	19.9
353404 2011 PR_{13}			4 29.5 315°.47	4°.8/ 3.3 17		
3 22	14 52.61	−28 42.3	2.062	2.820	15.4	20.5
4 1	14 49.10	−29 7.4	1.963	2.812	12.9	20.3
4 11	14 43.18	−29 16.5	1.885	2.805	9.9	20.1
4 21	14 35.39	−29 7.7	1.830	2.797	6.9	19.9
5 1	14 26.59	−28 41.1	1.800	2.790	4.9	19.7
5 11	14 17.87	−27 59.5	1.798	2.782	5.8	19.8
5 21	14 10.22	−27 8.0	1.821	2.775	8.6	19.9
5 31	14 4.49	−26 13.3	1.869	2.769	11.8	20.1
96126 2174 $T\text{-}_3$			4 29.5 109°.13	3°.6/ 2.1 17		
3 22	14 59.03	−24 32.9	2.118	2.879	15.0	20.1
4 1	14 53.74	−25 6.2	2.038	2.894	12.2	19.9
4 11	14 46.07	−25 26.9	1.980	2.909	9.0	19.7
4 21	14 36.65	−25 33.5	1.946	2.923	5.7	19.5
5 1	14 26.39	−25 26.2	1.940	2.936	3.6	19.4
5 11	14 16.38	−25 7.6	1.962	2.950	5.0	19.5
5 21	14 7.57	−24 42.1	2.012	2.963	8.1	19.7
5 31	14 0.72	−24 14.8	2.087	2.976	11.2	20.0
381571 2008 UB_{100}			4 29.5 181°.74	0°.1/29.6 17		
3 22	14 53.37	−17 4.3	2.562	3.347	12.0	22.5
4 1	14 48.84	−16 40.6	2.468	3.348	9.4	22.3
4 11	14 42.52	−16 8.0	2.398	3.348	6.4	22.1
4 21	14 34.92	−15 27.9	2.354	3.348	3.0	21.9
5 1	14 26.70	−14 43.3	2.340	3.347	0.5	21.7
5 11	14 18.63	−13 57.9	2.356	3.346	4.0	22.0
5 21	14 11.40	−13 15.8	2.399	3.344	7.3	22.2
5 31	14 5.61	−12 40.4	2.469	3.342	10.3	22.3
326106 2011 CG_{34}			4 29.5 40°.08	1°.5/27.9 17		
3 22	14 47.97	−11 10.0	2.649	3.457	11.0	20.7
4 1	14 44.49	−10 40.6	2.573	3.468	8.5	20.5
4 11	14 39.51	−10 6.2	2.521	3.480	5.7	20.4
4 21	14 33.47	− 9 29.7	2.496	3.491	2.7	20.2
5 1	14 26.97	− 8 54.0	2.500	3.503	1.8	20.1
5 11	14 20.67	− 8 22.7	2.532	3.515	4.5	20.3
5 21	14 15.13	− 7 58.4	2.591	3.527	7.3	20.5
5 31	14 10.84	− 7 43.2	2.676	3.539	9.9	20.7
336333 2008 TT_{87}			4 29.5 175°.45	1°.6/28.2 17		
3 22	14 53.61	−11 38.4	2.214	3.019	13.0	21.6
4 1	14 49.26	−11 12.8	2.127	3.020	10.1	21.4
4 11	14 42.93	−10 40.8	2.064	3.022	6.8	21.2
4 21	14 35.15	−10 5.3	2.027	3.022	3.3	21.0
5 1	14 26.68	− 9 29.7	2.019	3.023	1.9	20.9
5 11	14 18.38	− 8 58.3	2.039	3.023	5.2	21.1
5 21	14 11.05	− 8 34.4	2.086	3.023	8.7	21.3
5 31	14 5.32	− 8 21.0	2.157	3.022	11.9	21.5
370139 2001 WN_{81}			4 29.5 205°.74	1°.6/28.2 17		
3 22	14 55.23	−11 39.4	2.270	3.071	12.9	22.1
4 1	14 50.54	−11 13.2	2.175	3.066	10.1	21.9
4 11	14 43.82	−10 40.4	2.103	3.060	6.8	21.7
4 21	14 35.59	−10 3.8	2.058	3.053	3.3	21.4
5 1	14 26.60	− 9 26.8	2.042	3.046	1.9	21.3
5 11	14 17.73	− 8 53.5	2.055	3.038	5.3	21.5
5 21	14 9.78	− 8 27.6	2.095	3.030	8.8	21.7
5 31	14 3.44	− 8 12.1	2.160	3.021	12.0	21.9
19266 1995 TF_1			4 29.5 287°.38	2°.6/ 1.7 18		
3 22	14 51.59	−25 18.2	1.875	2.657	15.9	18.6
4 1	14 48.53	−24 51.6	1.762	2.633	13.1	18.3
4 11	14 42.95	−24 4.8	1.670	2.610	9.5	18.0
4 21	14 35.35	−22 57.6	1.601	2.586	5.6	17.7
5 1	14 26.62	−21 32.6	1.558	2.562	2.6	17.5
5 11	14 17.90	−19 55.9	1.544	2.538	5.1	17.6
5 21	14 10.26	−18 15.9	1.555	2.514	9.4	17.8
5 31	14 4.62	−16 41.6	1.591	2.490	13.6	18.0
293783 2007 RA_{126}			4 29.5 275°.83	0°.5/29.3 17		
3 22	14 57.76	−13 55.2	1.544	2.360	17.2	20.1
4 1	14 53.85	−14 0.6	1.444	2.341	13.7	19.8
4 11	14 46.86	−13 57.6	1.363	2.321	9.4	19.5
4 21	14 37.33	−13 47.3	1.305	2.301	4.5	19.2
5 1	14 26.26	−13 32.5	1.274	2.281	1.0	18.9
5 11	14 15.07	−13 17.3	1.269	2.261	6.4	19.2
5 21	14 5.13	−13 6.7	1.288	2.240	11.6	19.4
5 31	13 57.61	−13 5.4	1.330	2.219	16.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93735 2000 VO_{48}			4 29.5 206°.31	0°.6/29.1 18		
	h m	° ′			°	m
3 22	14 55.27	−14 1.1	2.134	2.933	13.7	20.2
4 1	14 50.73	−13 52.1	2.041	2.930	10.7	20.0
4 11	14 44.04	−13 35.6	1.971	2.926	7.2	19.7
4 21	14 35.73	−13 13.5	1.927	2.922	3.4	19.5
5 1	14 26.59	−12 48.4	1.911	2.918	1.0	19.3
5 11	14 17.58	−12 24.2	1.924	2.913	4.9	19.6
5 21	14 9.56	−12 4.5	1.964	2.908	8.7	19.8
5 31	14 3.27	−11 52.6	2.028	2.903	12.1	20.0
169471 2002 CS_{94}			4 29.5 0°.68	3°.8/ 1.4 17		
3 22	14 51.90	−21 11.2	1.116	1.950	21.4	18.9
4 1	14 50.10	−21 54.3	1.045	1.947	17.4	18.7
4 11	14 44.70	−22 21.2	0.990	1.945	12.6	18.4
4 21	14 36.37	−22 29.6	0.955	1.945	7.4	18.1
5 1	14 26.46	−22 19.9	0.942	1.946	3.9	17.9
5 11	14 16.77	−21 56.7	0.952	1.948	7.0	18.1
5 21	14 8.94	−21 27.4	0.983	1.951	12.2	18.3
5 31	14 4.18	−21 0.4	1.034	1.956	17.0	18.6
49988 2000 AE_5			4 29.5 161°.87	1°.6/30.5 18		
3 22	14 59.31	−19 45.3	1.602	2.399	17.6	19.3
4 1	14 54.67	−19 48.6	1.520	2.403	14.0	19.1
4 11	14 47.10	−19 38.0	1.458	2.407	9.8	18.9
4 21	14 37.28	−19 13.6	1.419	2.411	5.1	18.6
5 1	14 26.33	−18 37.9	1.407	2.413	1.7	18.4
5 11	14 15.65	−17 56.0	1.422	2.416	5.6	18.6
5 21	14 6.46	−17 14.3	1.463	2.418	10.2	18.9
5 31	13 59.70	−16 39.0	1.526	2.419	14.4	19.1
308094 2004 VD_{14}			4 29.5 180°.47	0°.9/29.0 18		
3 22	14 58.98	−13 23.6	1.741	2.547	16.0	20.8
4 1	14 54.10	−13 17.4	1.656	2.549	12.6	20.6
4 11	14 46.56	−13 3.1	1.593	2.549	8.5	20.3
4 21	14 36.98	−12 42.7	1.554	2.549	4.0	20.1
5 1	14 26.39	−12 19.4	1.542	2.549	1.3	19.9
5 11	14 15.99	−11 57.6	1.559	2.548	5.8	20.2
5 21	14 6.90	−11 41.6	1.601	2.547	10.2	20.4
5 31	13 59.99	−11 35.2	1.667	2.545	14.1	20.6
212602 2006 SG_{274}			4 29.5 272°.24	0°.5/29.9 17		
3 22	14 54.42	−15 59.4	2.236	3.030	13.3	20.5
4 1	14 50.03	−16 9.6	2.141	3.026	10.5	20.3
4 11	14 43.56	−16 12.5	2.069	3.021	7.2	20.1
4 21	14 35.52	−16 8.9	2.023	3.017	3.5	19.9
5 1	14 26.65	−16 0.4	2.005	3.012	0.6	19.6
5 11	14 17.86	−15 49.9	2.016	3.008	4.4	19.9
5 21	14 10.01	−15 40.3	2.054	3.004	8.1	20.1
5 31	14 3.81	−15 35.0	2.116	2.999	11.4	20.3
470803 2008 VA_2			4 29.5 241°.94	1°.7/ 1.1 18		
3 22	14 54.24	−22 17.1	2.469	3.239	12.9	22.6
4 1	14 49.84	−22 4.4	2.355	3.221	10.4	22.4
4 11	14 43.43	−21 39.1	2.263	3.203	7.4	22.1
4 21	14 35.47	−21 1.7	2.197	3.184	4.1	21.9
5 1	14 26.65	−20 13.9	2.160	3.165	1.7	21.7
5 11	14 17.85	−19 19.4	2.152	3.145	4.1	21.8
5 21	14 9.89	−18 23.1	2.172	3.124	7.6	22.0
5 31	14 3.46	−17 30.0	2.219	3.102	10.9	22.2
294272 2007 UM_{101}			4 29.5 252°.97	1°.1/28.9 17		
3 22	14 57.00	−12 56.5	1.624	2.440	16.5	21.3
4 1	14 52.88	−12 49.8	1.533	2.431	13.1	21.0
4 11	14 45.95	−12 34.9	1.463	2.422	8.9	20.7
4 21	14 36.79	−12 13.8	1.416	2.412	4.2	20.4
5 1	14 26.42	−11 50.2	1.396	2.402	1.5	20.2
5 11	14 16.13	−11 28.7	1.403	2.392	6.3	20.5
5 21	14 7.13	−11 14.1	1.434	2.382	11.0	20.8
5 31	14 0.38	−11 10.2	1.488	2.372	15.2	21.0
334742 2003 QU_{25}			4 29.5 239°.68	1°.4/30.7 18		
3 22	14 53.25	−20 46.5	2.177	2.961	13.9	21.1
4 1	14 49.27	−20 34.9	2.076	2.952	11.1	20.9
4 11	14 43.13	−20 10.8	1.996	2.942	7.8	20.7
4 21	14 35.34	−19 34.8	1.942	2.932	4.2	20.5
5 1	14 26.69	−18 49.3	1.916	2.922	1.4	20.2
5 11	14 18.13	−17 58.6	1.918	2.912	4.4	20.4
5 21	14 10.54	−17 7.7	1.948	2.901	8.2	20.6
5 31	14 4.65	−16 21.8	2.002	2.890	11.7	20.8
501281 2013 WJ_{46}			4 29.5 232°.36	2°.4/27.9 18		
3 22	14 56.65	− 8 24.6	2.066	2.874	13.8	21.2
4 1	14 51.89	− 8 12.3	1.971	2.865	10.8	20.9
4 11	14 44.89	− 7 56.5	1.900	2.857	7.3	20.7
4 21	14 36.17	− 7 39.8	1.854	2.848	3.8	20.5
5 1	14 26.56	− 7 25.8	1.837	2.838	2.8	20.4
5 11	14 17.03	− 7 17.8	1.847	2.828	6.0	20.6
5 21	14 8.50	− 7 18.8	1.885	2.818	9.7	20.8
5 31	14 1.75	− 7 30.6	1.947	2.808	13.1	21.0

162585 2000 SN_{30} 4 29.5 156°.02 1°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.49	−19 29.2	1.830	2.619	16.0	21.1
4 1	14 53.61	−19 26.2	1.747	2.626	12.7	20.9
4 11	14 46.16	−19 10.5	1.684	2.632	8.8	20.6
4 21	14 36.78	−18 42.8	1.647	2.638	4.6	20.4
5 1	14 26.47	−18 5.6	1.637	2.643	1.3	20.2
5 11	14 16.42	−17 23.6	1.654	2.647	5.0	20.4
5 21	14 7.67	−16 42.5	1.699	2.651	9.3	20.7
5 31	14 1.06	−16 7.5	1.767	2.654	13.0	20.9

477698 2010 RR_{116} 4 29.5 283°.93 4°.4/ 2.2 16

3 22	14 59.77	−25 44.4	2.469	3.213	13.5	21.4
4 1	14 54.48	−26 45.0	2.352	3.194	11.3	21.2
4 11	14 46.81	−27 36.8	2.257	3.175	8.6	21.0
4 21	14 37.20	−28 17.2	2.188	3.155	6.0	20.8
5 1	14 26.37	−28 44.1	2.148	3.135	4.4	20.6
5 11	14 15.33	−28 57.8	2.136	3.116	5.5	20.7
5 21	14 5.07	−29 0.2	2.153	3.096	8.2	20.8
5 31	13 56.49	−28 55.6	2.195	3.076	11.1	20.9

506856 2007 VR_{63} 4 29.5 170°.68 2°.2/27.8 17

3 22	14 53.25	− 8 59.7	2.374	3.180	12.2	22.3
4 1	14 48.84	− 8 39.1	2.288	3.182	9.5	22.1
4 11	14 42.59	− 8 14.6	2.226	3.183	6.4	21.9
4 21	14 35.01	− 7 49.1	2.191	3.184	3.3	21.7
5 1	14 26.79	− 7 25.7	2.184	3.185	2.5	21.7
5 11	14 18.73	− 7 7.8	2.206	3.186	5.3	21.9
5 21	14 11.56	− 6 58.0	2.255	3.186	8.5	22.1
5 31	14 5.87	− 6 58.3	2.329	3.187	11.4	22.3

94063 2000 YA_{22} 4 29.5 233°.14 1°.7/28.1 18

3 22	14 54.99	−11 0.0	2.477	3.274	12.0	20.1
4 1	14 50.27	−10 36.0	2.370	3.259	9.4	19.9
4 11	14 43.64	−10 6.3	2.288	3.243	6.4	19.6
4 21	14 35.55	− 9 33.2	2.232	3.227	3.1	19.4
5 1	14 26.69	− 9 0.0	2.206	3.210	2.0	19.3
5 11	14 17.85	− 8 30.3	2.209	3.192	5.1	19.5
5 21	14 9.80	− 8 7.5	2.241	3.173	8.5	19.6
5 31	14 3.21	− 7 54.4	2.297	3.154	11.5	19.8

415228 2012 HS_{72} 4 29.5 41°.07 5°.9/26.8 16

3 22	14 57.85	− 1 25.2	1.391	2.226	17.8	20.8
4 1	14 53.45	− 1 6.5	1.333	2.238	14.1	20.6
4 11	14 46.15	− 0 51.1	1.294	2.251	10.0	20.4
4 21	14 36.77	− 0 44.2	1.278	2.264	6.6	20.2
5 1	14 26.50	− 0 51.0	1.287	2.277	6.3	20.2
5 11	14 16.72	− 1 14.5	1.321	2.291	9.3	20.4
5 21	14 8.57	− 1 55.1	1.379	2.306	13.1	20.7
5 31	14 2.89	− 2 51.5	1.458	2.321	16.6	20.9

153643 2001 TX_{82} 4 29.5 173°.59 3°.0/ 2.2 17

3 22	14 54.17	−25 13.4	2.560	3.316	12.8	21.0
4 1	14 49.65	−25 26.6	2.465	3.318	10.5	20.8
4 11	14 43.21	−25 27.9	2.392	3.319	7.7	20.6
4 21	14 35.34	−25 16.8	2.344	3.320	4.9	20.5
5 1	14 26.75	−24 54.1	2.324	3.321	3.0	20.3
5 11	14 18.28	−24 22.3	2.333	3.321	4.3	20.4
5 21	14 10.70	−23 45.4	2.370	3.322	7.0	20.6
5 31	14 4.65	−23 7.9	2.433	3.322	9.8	20.8

35979 1999 NC_2 4 29.5 273°.37 6°.2/23.7 18

3 22	14 50.26	− 2 43.0	1.845	2.677	14.2	19.2
4 1	14 47.06	− 1 7.4	1.765	2.670	11.2	19.0
4 11	14 41.67	+ 0 32.3	1.709	2.663	8.3	18.8
4 21	14 34.66	+ 2 8.4	1.678	2.656	6.4	18.6
5 1	14 26.86	+ 3 32.7	1.675	2.649	7.0	18.7
5 11	14 19.25	+ 4 38.0	1.697	2.642	9.7	18.8
5 21	14 12.68	+ 5 20.1	1.743	2.635	12.8	19.0
5 31	14 7.89	+ 5 37.5	1.809	2.628	15.8	19.1

117086 Lóczy 4 29.5 102°.46 8°.4/20.0 17

3 22	14 49.83	+ 9 39.6	2.356	3.166	12.2	19.8
4 1	14 46.11	+11 15.3	2.300	3.173	10.3	19.7
4 11	14 40.69	+12 43.7	2.269	3.181	8.9	19.6
4 21	14 34.09	+13 58.1	2.263	3.188	8.4	19.6
5 1	14 26.98	+14 53.0	2.282	3.195	9.1	19.6
5 11	14 20.11	+15 24.7	2.327	3.202	10.6	19.7
5 21	14 14.13	+15 32.5	2.394	3.209	12.4	19.9
5 31	14 9.57	+15 17.7	2.480	3.216	14.2	20.0

131286 2001 FP_{104} 4 29.5 320°.61 1°.9/28.2 18

3 22	14 52.69	−11 5.2	1.892	2.709	14.5	19.9
4 1	14 48.96	−10 42.1	1.806	2.706	11.3	19.6
4 11	14 42.97	−10 12.5	1.743	2.703	7.6	19.4
4 21	14 35.29	− 9 39.3	1.704	2.700	3.7	19.2
5 1	14 26.76	− 9 6.6	1.693	2.697	2.3	19.1
5 11	14 18.40	− 8 39.2	1.709	2.694	5.9	19.3
5 21	14 11.12	− 8 20.8	1.751	2.692	9.8	19.5
5 31	14 5.67	− 8 14.4	1.816	2.689	13.4	19.7

428884 2008 UO_{306} 4 29.6 307°.01 2°.9/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.18	− 7 14.4	1.712	2.533	15.6	20.3
4 1	14 52.13	− 7 15.1	1.615	2.516	12.3	20.1
4 11	14 45.42	− 7 14.0	1.540	2.500	8.5	19.8
4 21	14 36.58	− 7 13.9	1.489	2.483	4.5	19.5
5 1	14 26.52	− 7 18.3	1.465	2.467	3.2	19.4
5 11	14 16.45	− 7 30.6	1.467	2.451	7.0	19.6
5 21	14 7.51	− 7 53.2	1.495	2.435	11.3	19.8
5 31	14 0.66	− 8 27.6	1.545	2.420	15.2	20.0

443353 2014 GN_{35} 4 29.6 345°.56 15°.1/12.8 17

3 22	14 49.97	+25 7.3	1.803	2.585	16.5	19.6
4 1	14 47.02	+26 53.7	1.757	2.574	15.5	19.5
4 11	14 41.71	+28 18.9	1.729	2.565	15.1	19.5
4 21	14 34.68	+29 13.6	1.720	2.556	15.3	19.5
5 1	14 26.87	+29 31.3	1.730	2.548	16.1	19.5
5 11	14 19.37	+29 9.5	1.759	2.541	17.4	19.6
5 21	14 13.11	+28 10.2	1.803	2.535	18.8	19.7
5 31	14 8.78	+26 38.0	1.862	2.530	20.2	19.8

22638 Abdulla 4 29.6 260°.82 1°.8/28.2 18

3 22	14 53.47	−11 19.1	2.045	2.856	13.8	18.4
4 1	14 49.48	−10 57.0	1.949	2.845	10.8	18.2
4 11	14 43.31	−10 28.3	1.875	2.834	7.3	18.0
4 21	14 35.47	− 9 55.7	1.827	2.822	3.5	17.7
5 1	14 26.74	− 9 22.9	1.807	2.811	2.1	17.6
5 11	14 18.09	− 8 54.4	1.814	2.799	5.7	17.8
5 21	14 10.41	− 8 34.0	1.848	2.787	9.5	18.0
5 31	14 4.45	− 8 24.8	1.906	2.776	13.0	18.2

337344 2001 FV_{216} 4 29.6 205°.78 1°.6/28.1 17

3 22	14 51.71	−13 2.5	2.142	2.950	13.3	21.6
4 1	14 47.91	−12 19.8	2.053	2.948	10.4	21.4
4 11	14 42.11	−11 28.4	1.988	2.946	6.9	21.2
4 21	14 34.84	−10 31.5	1.948	2.944	3.3	20.9
5 1	14 26.86	− 9 33.7	1.937	2.941	2.0	20.8
5 11	14 19.04	− 8 40.2	1.954	2.938	5.4	21.0
5 21	14 12.20	− 7 55.5	1.997	2.935	9.0	21.2
5 31	14 6.96	− 7 23.3	2.065	2.932	12.3	21.4

52275 1988 RS_{12} 4 29.6 182°.14 0°.3/29.9 18

3 22	14 43.97	−17 27.4	4.781	5.558	6.9	20.2
4 1	14 40.82	−17 11.9	4.683	5.558	5.4	20.1
4 11	14 36.81	−16 51.6	4.610	5.558	3.7	20.0
4 21	14 32.20	−16 27.5	4.565	5.558	1.8	19.8
5 1	14 27.32	−16 1.1	4.551	5.558	0.3	19.7
5 11	14 22.50	−15 33.8	4.566	5.557	2.2	19.9
5 21	14 18.07	−15 7.6	4.611	5.557	4.1	20.0
5 31	14 14.31	−14 44.0	4.683	5.557	5.8	20.1

497295 2005 SR_{111} 4 29.6 223°.91 2°.8/ 1.7 17

3 22	14 57.87	−23 34.7	2.343	3.103	13.7	23.1
4 1	14 52.86	−23 49.0	2.234	3.091	11.2	22.9
4 11	14 45.59	−23 51.6	2.147	3.079	8.2	22.7
4 21	14 36.57	−23 41.5	2.085	3.066	5.0	22.4
5 1	14 26.56	−23 19.2	2.052	3.052	2.8	22.3
5 11	14 16.55	−22 47.4	2.048	3.038	4.6	22.4
5 21	14 7.47	−22 10.3	2.072	3.023	7.9	22.5
5 31	14 0.11	−21 33.0	2.121	3.007	11.2	22.7

113616 2002 TU_{56} 4 29.6 265°.92 0°.1/29.5 18

3 22	14 54.79	−16 41.3	1.828	2.632	15.4	21.4
4 1	14 51.01	−16 19.9	1.720	2.611	12.3	21.1
4 11	14 44.65	−15 46.1	1.635	2.590	8.4	20.8
4 21	14 36.23	−15 1.4	1.573	2.568	4.0	20.5
5 1	14 26.61	−14 9.3	1.539	2.546	0.8	20.2
5 11	14 16.95	−13 15.4	1.532	2.524	5.6	20.5
5 21	14 8.35	−12 25.9	1.551	2.501	10.2	20.7
5 31	14 1.75	−11 46.5	1.594	2.477	14.4	20.9

112056 2002 JK_{13} 4 29.6 20°.84 0°.1/29.5 18

3 22	14 50.89	−16 28.6	1.499	2.324	17.2	19.0
4 1	14 48.10	−16 11.1	1.428	2.330	13.5	18.8
4 11	14 42.64	−15 40.8	1.377	2.337	9.2	18.6
4 21	14 35.19	−15 0.3	1.349	2.345	4.3	18.3
5 1	14 26.81	−14 14.2	1.346	2.353	0.8	18.0
5 11	14 18.76	−13 28.8	1.368	2.362	5.8	18.4
5 21	14 12.11	−12 50.1	1.415	2.371	10.4	18.7
5 31	14 7.67	−12 23.1	1.484	2.382	14.4	19.0

459032 2011 YS_{48} 4 29.6 161°.66 5°.4/26.3 16

3 22	14 58.56	− 2 46.2	1.657	2.479	16.0	21.3
4 1	14 53.72	− 2 7.1	1.584	2.483	12.6	21.1
4 11	14 46.25	− 1 27.7	1.532	2.486	9.0	20.9
4 21	14 36.85	− 0 53.6	1.504	2.489	6.0	20.7
5 1	14 26.53	− 0 30.7	1.503	2.491	5.9	20.7
5 11	14 16.52	− 0 23.5	1.529	2.493	8.8	20.9
5 21	14 7.87	− 0 34.2	1.579	2.495	12.4	21.1
5 31	14 1.40	− 1 3.0	1.651	2.496	15.8	21.3

297480 2000 TC_{61} 4 29.6 153°.67 4°.3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 50.68	+ 0 38.8	3.139	3.944	9.6	21.4
4 1	14 46.29	+ 1 29.4	3.066	3.952	7.6	21.3
4 11	14 40.60	+ 2 18.5	3.019	3.961	5.7	21.1
4 21	14 34.01	+ 3 2.7	2.999	3.968	4.4	21.1
5 1	14 27.02	+ 3 38.5	3.008	3.975	4.7	21.1
5 11	14 20.21	+ 4 3.1	3.046	3.982	6.2	21.2
5 21	14 14.05	+ 4 15.1	3.111	3.988	8.2	21.3
5 31	14 8.98	+ 4 13.9	3.199	3.994	10.1	21.5

284447 2007 ET_{144} 4 29.6 311°.36 1°.2/27.7 18

3 22	14 44.27	−10 8.2	4.135	4.935	7.5	20.7
4 1	14 41.17	− 9 44.0	4.039	4.930	5.8	20.6
4 11	14 37.11	− 9 16.9	3.968	4.925	3.9	20.4
4 21	14 32.37	− 8 48.7	3.926	4.920	1.9	20.3
5 1	14 27.30	− 8 21.1	3.913	4.915	1.4	20.2
5 11	14 22.30	− 7 56.3	3.930	4.910	3.2	20.3
5 21	14 17.72	− 7 36.1	3.975	4.905	5.2	20.5
5 31	14 13.90	− 7 21.8	4.046	4.900	7.0	20.6

380584 2004 RG_{216} 4 29.6 240°.86 5°.3/ 3.9 18

3 22	14 56.29	−31 4.4	2.225	2.960	15.1	21.4
4 1	14 51.94	−31 27.9	2.117	2.948	12.8	21.2
4 11	14 45.14	−31 34.9	2.028	2.935	10.1	21.0
4 21	14 36.41	−31 22.9	1.963	2.921	7.3	20.8
5 1	14 26.59	−30 51.3	1.925	2.907	5.4	20.7
5 11	14 16.78	−30 2.5	1.913	2.892	6.0	20.7
5 21	14 8.02	−29 1.5	1.929	2.878	8.6	20.8
5 31	14 1.17	−27 55.4	1.970	2.862	11.6	21.0

409124 2003 UB_{19} 4 29.6 136°.12 0°.1/29.5 18

3 22	14 58.96	−15 48.9	1.986	2.778	14.8	22.2
4 1	14 53.63	−15 39.9	1.908	2.792	11.6	22.0
4 11	14 45.98	−15 21.8	1.853	2.805	7.8	21.8
4 21	14 36.66	−14 56.0	1.823	2.818	3.7	21.6
5 1	14 26.58	−14 25.5	1.822	2.829	0.6	21.4
5 11	14 16.81	−13 54.6	1.850	2.840	4.9	21.7
5 21	14 8.26	−13 27.5	1.904	2.851	8.8	22.0
5 31	14 1.67	−13 8.0	1.984	2.860	12.3	22.2

12040 Jacobi 4 29.6 111°.99 1°.2/30.4 18

3 22	14 58.56	−19 25.0	1.838	2.627	15.9	19.6
4 1	14 53.49	−19 18.1	1.766	2.646	12.6	19.4
4 11	14 45.96	−18 58.7	1.716	2.664	8.7	19.2
4 21	14 36.65	−18 27.7	1.690	2.682	4.4	19.0
5 1	14 26.59	−17 48.2	1.692	2.699	1.2	18.8
5 11	14 16.91	−17 5.0	1.722	2.715	4.9	19.1
5 21	14 8.61	−16 23.5	1.779	2.731	8.9	19.3
5 31	14 2.40	−15 48.9	1.860	2.746	12.5	19.6

94364 2001 RG_{68} 4 29.6 144°.18 5°.6/ 2.8 18

3 22	14 58.68	−27 8.3	1.488	2.268	19.4	19.9
4 1	14 54.76	−27 48.5	1.406	2.270	16.2	19.7
4 11	14 47.53	−28 9.9	1.342	2.271	12.3	19.5
4 21	14 37.66	−28 9.4	1.299	2.273	8.3	19.2
5 1	14 26.39	−27 46.1	1.281	2.274	5.6	19.1
5 11	14 15.31	−27 3.7	1.288	2.276	7.0	19.2
5 21	14 5.88	−26 9.6	1.319	2.277	10.8	19.4
5 31	13 59.21	−25 13.2	1.373	2.278	14.8	19.6

506472 2002 RJ_{272} 4 29.6 208°.86 0°.7/28.9 17

3 22	14 52.33	−14 40.3	2.285	3.085	12.8	22.3
4 1	14 48.31	−14 13.7	2.193	3.082	10.0	22.1
4 11	14 42.35	−13 38.6	2.123	3.079	6.8	21.9
4 21	14 34.96	−12 57.2	2.080	3.075	3.1	21.6
5 1	14 26.87	−12 12.9	2.065	3.071	1.1	21.5
5 11	14 18.91	−11 30.2	2.079	3.067	4.7	21.7
5 21	14 11.86	−10 53.0	2.120	3.063	8.3	21.9
5 31	14 6.36	−10 25.0	2.185	3.058	11.4	22.1

322457 2011 US_{47} 4 29.6 316°.62 0°.8/30.3 17

3 22	14 50.28	−19 32.8	2.340	3.130	12.9	21.3
4 1	14 46.72	−19 13.1	2.247	3.128	10.2	21.1
4 11	14 41.28	−18 42.2	2.177	3.126	7.1	20.9
4 21	14 34.46	−18 1.5	2.133	3.125	3.6	20.7
5 1	14 26.97	−17 13.8	2.116	3.123	0.9	20.4
5 11	14 19.63	−16 23.4	2.129	3.122	4.1	20.7
5 21	14 13.17	−15 34.7	2.168	3.120	7.5	20.9
5 31	14 8.23	−14 52.2	2.232	3.119	10.7	21.1

360152 2013 CO_{62} 4 29.6 358°.89 5°.1/ 2.3 16

3 22	14 54.44	−25 2.1	1.228	2.039	21.1	20.8
4 1	14 51.97	−25 39.2	1.152	2.037	17.4	20.6
4 11	14 45.93	−25 56.4	1.092	2.036	13.0	20.3
4 21	14 37.00	−25 50.8	1.053	2.035	8.3	20.0
5 1	14 26.52	−25 22.2	1.036	2.035	5.1	19.8
5 11	14 16.25	−24 35.6	1.043	2.036	7.2	20.0
5 21	14 7.80	−23 39.8	1.072	2.037	11.8	20.2
5 31	14 2.36	−22 45.0	1.122	2.039	16.4	20.5

250975 2006 HH_{92} 4 29.6 279°.65 3°.4/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.54	− 9 5.1	1.614	2.439	16.2	21.5
4 1	14 51.94	− 8 29.1	1.509	2.413	12.8	21.2
4 11	14 45.51	− 7 45.0	1.425	2.386	8.9	20.9
4 21	14 36.74	− 6 57.1	1.365	2.359	4.8	20.5
5 1	14 26.55	− 6 11.1	1.332	2.332	3.9	20.4
5 11	14 16.23	− 5 33.7	1.324	2.304	8.0	20.6
5 21	14 7.02	− 5 10.5	1.340	2.276	12.7	20.8
5 31	14 0.01	− 5 5.4	1.378	2.248	17.0	21.0

39916 1998 FH_{47} 4 29.6 142°.48 0°.6/30.0 18 R

3 22	14 57.10	−18 26.6	1.783	2.580	16.0	19.5
4 1	14 52.55	−18 10.6	1.704	2.589	12.7	19.3
4 11	14 45.45	−17 41.8	1.645	2.596	8.7	19.0
4 21	14 36.48	−17 1.6	1.611	2.604	4.3	18.8
5 1	14 26.64	−16 13.6	1.604	2.611	0.8	18.5
5 11	14 17.08	−15 23.4	1.624	2.617	5.1	18.9
5 21	14 8.86	−14 36.6	1.671	2.623	9.4	19.1
5 31	14 2.74	−13 58.6	1.742	2.629	13.2	19.4

284459 2007 GG_{10} 4 29.6 309°.27 3°.7/23.1 18

3 22	14 43.32	+ 2 32.3	4.255	5.063	7.2	20.7
4 1	14 40.40	+ 3 22.7	4.174	5.060	5.8	20.6
4 11	14 36.58	+ 4 11.5	4.119	5.056	4.5	20.5
4 21	14 32.13	+ 4 56.0	4.091	5.052	3.7	20.4
5 1	14 27.38	+ 5 33.6	4.093	5.048	4.0	20.4
5 11	14 22.71	+ 6 2.4	4.123	5.044	5.2	20.5
5 21	14 18.45	+ 6 20.9	4.179	5.041	6.6	20.6
5 31	14 14.90	+ 6 28.6	4.259	5.037	8.0	20.7

26132 1993 FF_{24} 4 29.6 307°.71 1°.6/30.5 18

3 22	14 52.56	−19 22.2	1.479	2.295	17.9	18.9
4 1	14 49.95	−19 27.1	1.381	2.275	14.4	18.6
4 11	14 44.33	−19 17.5	1.302	2.256	10.2	18.3
4 21	14 36.23	−18 53.5	1.245	2.237	5.4	18.0
5 1	14 26.67	−18 17.1	1.212	2.219	1.6	17.7
5 11	14 17.04	−17 33.6	1.205	2.201	6.0	17.9
5 21	14 8.70	−16 49.8	1.222	2.183	11.1	18.1
5 31	14 2.80	−16 13.0	1.260	2.166	15.8	18.3

319574 2006 SA_{90} 4 29.6 310°.57 0°.8/28.9 17

3 22	14 50.82	−16 28.0	1.471	2.297	17.4	21.0
4 1	14 48.33	−15 47.5	1.382	2.286	13.8	20.7
4 11	14 43.02	−14 51.0	1.314	2.275	9.4	20.4
4 21	14 35.50	−13 41.5	1.268	2.265	4.4	20.1
5 1	14 26.81	−12 25.2	1.248	2.254	1.4	19.8
5 11	14 18.25	−11 10.4	1.253	2.244	6.5	20.1
5 21	14 11.04	−10 5.3	1.282	2.235	11.6	20.4
5 31	14 6.12	− 9 16.5	1.333	2.226	16.0	20.6

95115 2002 AK_{122} 4 29.6 44°.23 7°.6/ 5.0 17

3 22	14 56.32	−33 19.1	1.665	2.414	18.9	19.0
4 1	14 52.65	−34 11.3	1.590	2.424	16.1	18.8
4 11	14 45.93	−34 42.1	1.533	2.435	13.0	18.6
4 21	14 36.85	−34 47.5	1.496	2.445	9.9	18.5
5 1	14 26.59	−34 26.0	1.484	2.457	7.8	18.4
5 11	14 16.63	−33 40.8	1.496	2.468	8.1	18.4
5 21	14 8.27	−32 39.0	1.532	2.480	10.4	18.6
5 31	14 2.45	−31 29.8	1.591	2.493	13.4	18.8

418001 2007 TB_{405} 4 29.6 285°.71 1°.7/30.7 17

3 22	14 52.85	−21 40.0	1.505	2.313	18.0	21.3
4 1	14 50.13	−21 21.2	1.405	2.294	14.6	21.1
4 11	14 44.42	−20 42.8	1.323	2.275	10.4	20.8
4 21	14 36.25	−19 45.2	1.264	2.255	5.6	20.4
5 1	14 26.68	−18 31.5	1.230	2.236	1.7	20.1
5 11	14 17.08	−17 9.1	1.221	2.217	6.0	20.3
5 21	14 8.82	−15 47.1	1.237	2.197	11.2	20.6
5 31	14 2.97	−14 34.9	1.275	2.178	15.9	20.8

234119 1999 XZ_{2} 4 29.6 189°.72 3°.0/26.9 18

3 22	14 54.76	− 6 11.5	2.503	3.306	11.8	20.6
4 1	14 49.93	− 5 42.3	2.414	3.305	9.2	20.4
4 11	14 43.31	− 5 10.8	2.349	3.303	6.3	20.2
4 21	14 35.40	− 4 40.2	2.312	3.301	3.7	20.1
5 1	14 26.86	− 4 13.9	2.304	3.299	3.3	20.0
5 11	14 18.45	− 3 55.3	2.325	3.295	5.8	20.2
5 21	14 10.90	− 3 46.8	2.373	3.291	8.7	20.4
5 31	14 4.77	− 3 49.8	2.446	3.287	11.5	20.5

294649 2008 AL_{73} 4 29.6 33°.38 5°.2/24.9 17

3 22	14 50.33	− 1 34.6	2.141	2.965	12.8	20.8
4 1	14 46.73	− 0 38.7	2.068	2.968	10.1	20.6
4 11	14 41.25	+ 0 17.1	2.019	2.971	7.4	20.4
4 21	14 34.44	+ 1 7.8	1.996	2.975	5.4	20.3
5 1	14 27.02	+ 1 48.0	2.000	2.978	5.7	20.3
5 11	14 19.82	+ 2 13.7	2.030	2.982	7.9	20.5
5 21	14 13.57	+ 2 22.5	2.086	2.986	10.6	20.6
5 31	14 8.84	+ 2 14.0	2.163	2.990	13.3	20.8

334785 2003 SY_{156} 4 29.6 206°.33 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.75	−18 28.6	2.483	3.263	12.5	21.7
4 1	14 50.12	−18 24.0	2.382	3.258	9.9	21.5
4 11	14 43.57	−18 10.2	2.305	3.252	6.9	21.3
4 21	14 35.57	−17 48.0	2.255	3.246	3.5	21.1
5 1	14 26.83	−17 19.3	2.233	3.240	0.9	20.8
5 11	14 18.18	−16 47.5	2.241	3.233	4.0	21.1
5 21	14 10.38	−16 16.0	2.276	3.225	7.4	21.3
5 31	14 4.09	−15 48.9	2.338	3.217	10.5	21.5

64063 2001 SD_{267} 4 29.6 111°.50 1°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.69	−13 36.5	1.525	2.345	17.3	19.5
4 1	14 52.49	−12 58.4	1.456	2.356	13.5	19.3
4 11	14 45.52	−12 9.2	1.407	2.367	9.0	19.0
4 21	14 36.55	−11 13.0	1.382	2.378	4.2	18.8
5 1	14 26.68	−10 15.5	1.383	2.389	2.1	18.6
5 11	14 17.22	− 9 23.8	1.411	2.399	6.6	18.9
5 21	14 9.26	− 8 43.6	1.464	2.409	11.1	19.2
5 31	14 3.62	− 8 19.0	1.539	2.418	15.0	19.5

150716 2001 QN_5 4 29.6 201°.01 1°.7/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.31	−11 41.7	2.354	3.152	12.6	21.7
4 1	14 50.55	−11 8.4	2.259	3.148	9.8	21.5
4 11	14 43.85	−10 28.3	2.187	3.143	6.6	21.3
4 21	14 35.70	− 9 44.2	2.142	3.136	3.2	21.1
5 1	14 26.82	− 8 59.7	2.126	3.130	2.0	21.0
5 11	14 18.07	− 8 19.3	2.140	3.122	5.2	21.2
5 21	14 10.21	− 7 46.7	2.181	3.114	8.6	21.4
5 31	14 3.90	− 7 24.8	2.247	3.105	11.7	21.5

55163 2001 QV_{238} 4 29.6 338°.11 0°.2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.39	−16 59.1	2.079	2.881	13.9	19.4
4 1	14 47.82	−16 42.3	1.990	2.879	10.9	19.2
4 11	14 42.16	−16 15.2	1.923	2.878	7.5	19.0
4 21	14 34.94	−15 39.6	1.881	2.876	3.6	18.7
5 1	14 26.95	−14 58.6	1.867	2.874	0.6	18.5
5 11	14 19.12	−14 16.8	1.881	2.873	4.6	18.8
5 21	14 12.28	−13 38.6	1.921	2.872	8.5	19.0
5 31	14 7.13	−13 8.3	1.985	2.871	11.9	19.2

519656 2012 VG_{115} 4 29.6 162°.02 4°.2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.57	− 1 33.4	2.663	3.471	11.0	22.4
4 1	14 48.05	− 0 53.4	2.585	3.475	8.7	22.3
4 11	14 41.95	− 0 13.9	2.531	3.480	6.3	22.1
4 21	14 34.73	+ 0 21.4	2.505	3.483	4.4	22.0
5 1	14 27.00	+ 0 48.7	2.507	3.487	4.6	22.0
5 11	14 19.45	+ 1 5.0	2.538	3.490	6.5	22.1
5 21	14 12.69	+ 1 8.7	2.595	3.493	8.9	22.3
5 31	14 7.22	+ 0 59.0	2.676	3.495	11.2	22.5

53461 1999 XS_{177} 4 29.6 26°.27 3°.0/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.94	−21 24.4	1.181	2.004	21.0	18.8
4 1	14 52.24	−21 42.5	1.111	2.008	17.0	18.5
4 11	14 46.01	−21 42.1	1.059	2.013	12.1	18.3
4 21	14 37.01	−21 22.7	1.027	2.018	6.8	18.0
5 1	14 26.61	−20 46.4	1.019	2.023	3.0	17.8
5 11	14 16.57	−19 59.8	1.034	2.030	6.6	18.0
5 21	14 8.41	−19 11.5	1.071	2.036	11.8	18.3
5 31	14 3.22	−18 30.0	1.129	2.044	16.6	18.6

464759 2003 SZ_{332} 4 29.6 158°.62 1°.1/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.26	−13 46.9	1.959	2.760	14.6	22.5
4 1	14 52.40	−13 20.7	1.877	2.767	11.4	22.3
4 11	14 45.23	−12 45.7	1.817	2.773	7.7	22.1
4 21	14 36.37	−12 4.6	1.783	2.779	3.6	21.8
5 1	14 26.73	−11 21.3	1.778	2.784	1.5	21.7
5 11	14 17.34	−10 40.8	1.800	2.788	5.4	21.9
5 21	14 9.13	−10 7.6	1.850	2.792	9.4	22.2
5 31	14 2.82	− 9 45.3	1.924	2.795	12.9	22.4

246859 2010 JZ_{115} 4 29.6 318°.36 5°.8/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.19	− 4 56.3	1.236	2.086	18.7	20.1
4 1	14 50.64	− 4 14.8	1.156	2.072	14.8	19.8
4 11	14 44.87	− 3 29.4	1.095	2.059	10.5	19.5
4 21	14 36.50	− 2 46.7	1.055	2.046	6.6	19.3
5 1	14 26.69	− 2 15.0	1.039	2.034	6.4	19.2
5 11	14 16.97	− 2 1.5	1.046	2.022	10.2	19.4
5 21	14 8.79	− 2 10.3	1.075	2.011	15.0	19.6
5 31	14 3.26	− 2 42.5	1.122	2.001	19.4	19.8

176021 2000 SW_{50} 4 29.6 127°.44 1°.8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.18	−12 2.9	2.509	3.314	11.7	20.6
4 1	14 46.35	−11 12.7	2.428	3.322	9.0	20.4
4 11	14 40.87	−10 15.7	2.371	3.329	6.0	20.3
4 21	14 34.24	− 9 15.1	2.341	3.336	2.9	20.1
5 1	14 27.09	− 8 15.2	2.340	3.343	2.1	20.0
5 11	14 20.15	− 7 20.5	2.369	3.349	4.9	20.2
5 21	14 14.03	− 6 34.6	2.424	3.356	8.0	20.4
5 31	14 9.27	− 6 0.5	2.505	3.362	10.7	20.6

408814 2000 US_{75} 4 29.6 212°.10 2°.2/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.41	−12 34.2	2.021	2.826	14.1	21.9
4 1	14 51.00	−11 33.8	1.925	2.818	11.0	21.7
4 11	14 44.34	−10 22.8	1.852	2.810	7.4	21.4
4 21	14 36.00	− 9 5.2	1.806	2.801	3.7	21.2
5 1	14 26.80	− 7 46.6	1.789	2.791	2.7	21.1
5 11	14 17.73	− 6 33.8	1.800	2.780	6.3	21.3
5 21	14 9.71	− 5 32.6	1.838	2.768	10.1	21.5
5 31	14 3.48	− 4 47.4	1.900	2.756	13.6	21.7

502548 2015 BA_{466} 4 29.6 138°.57 11°.0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.70	−46 6.9	2.030	2.681	18.6	20.8
4 1	14 54.71	−47 6.0	1.940	2.681	16.9	20.7
4 11	14 47.48	−47 40.3	1.866	2.682	14.9	20.5
4 21	14 37.67	−47 44.0	1.810	2.683	13.0	20.4
5 1	14 26.50	−47 13.2	1.776	2.683	11.5	20.3
5 11	14 15.55	−46 9.2	1.765	2.684	11.1	20.3
5 21	14 6.24	−44 37.8	1.777	2.684	11.8	20.3
5 31	13 59.65	−42 48.7	1.812	2.685	13.4	20.4

301573 2009 HP_{99} 4 29.6 61°.04 0°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.64	−14 58.1	2.156	2.962	13.3	20.8
4 1	14 47.02	−14 24.8	2.078	2.971	10.4	20.6
4 11	14 41.48	−13 42.4	2.022	2.979	6.9	20.4
4 21	14 34.57	−12 53.7	1.992	2.988	3.2	20.2
5 1	14 27.05	−12 2.7	1.991	2.997	1.1	20.0
5 11	14 19.76	−11 14.2	2.017	3.006	4.8	20.3
5 21	14 13.46	−10 32.5	2.070	3.015	8.3	20.6
5 31	14 8.74	−10 1.1	2.148	3.025	11.5	20.8

129394 1402 $T\text{-}_2$ 4 29.6 227°.48 1°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.54	−19 41.1	2.001	2.790	14.8	20.9
4 1	14 51.30	−19 36.3	1.903	2.782	11.9	20.6
4 11	14 44.67	−19 19.4	1.826	2.774	8.3	20.4
4 21	14 36.21	−18 50.8	1.775	2.766	4.3	20.1
5 1	14 26.76	−18 13.0	1.750	2.757	1.3	19.9
5 11	14 17.40	−17 30.0	1.754	2.747	4.8	20.1
5 21	14 9.12	−16 47.2	1.784	2.737	8.8	20.3
5 31	14 2.72	−16 9.7	1.839	2.727	12.5	20.5

147621 2004 HD_{20} 4 29.6 32°.62 4°.9/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.66	− 6 9.9	1.322	2.168	17.9	19.1
4 1	14 49.60	− 5 23.7	1.265	2.179	14.0	18.9
4 11	14 43.69	− 4 33.8	1.227	2.191	9.6	18.7
4 21	14 35.72	− 3 46.7	1.212	2.204	5.8	18.5
5 1	14 26.88	− 3 9.7	1.222	2.217	5.4	18.5
5 11	14 18.50	− 2 48.6	1.255	2.231	8.9	18.7
5 21	14 11.69	− 2 46.6	1.312	2.246	13.0	19.0
5 31	14 7.26	− 3 4.4	1.388	2.262	16.7	19.3

466188 2012 KQ_{28} 4 29.6 80°.63 2°.3/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.92	−13 52.1	1.662	2.482	16.0	21.5
4 1	14 49.23	−12 39.9	1.595	2.497	12.4	21.3
4 11	14 43.15	−11 15.5	1.551	2.513	8.2	21.1
4 21	14 35.39	− 9 44.6	1.532	2.528	3.9	20.9
5 1	14 26.94	− 8 14.8	1.540	2.543	2.8	20.9
5 11	14 18.90	− 6 53.9	1.576	2.559	6.6	21.1
5 21	14 12.21	− 5 48.3	1.636	2.574	10.7	21.4
5 31	14 7.53	− 5 1.9	1.720	2.589	14.2	21.6

399427 2001 XM_{169} 4 29.6 159°.64 8°.8/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.13	−42 36.5	1.988	2.658	18.5	21.8
4 1	14 56.96	−42 51.2	1.897	2.666	16.3	21.6
4 11	14 48.69	−42 38.8	1.823	2.672	13.8	21.4
4 21	14 38.10	−41 54.8	1.769	2.678	11.3	21.3
5 1	14 26.48	−40 37.6	1.739	2.683	9.3	21.2
5 11	14 15.30	−38 51.1	1.735	2.687	8.9	21.1
5 21	14 5.86	−36 44.2	1.757	2.691	10.3	21.2
5 31	13 59.05	−34 28.3	1.805	2.694	12.7	21.4

58468 1996 QA 4 29.6 151°.23 17°.0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 8.79	−47 35.4	1.364	2.038	25.4	19.3
4 1	15 5.10	−49 50.4	1.292	2.042	23.4	19.1
4 11	14 56.15	−51 37.0	1.232	2.046	21.2	18.9
4 21	14 42.40	−52 42.3	1.188	2.049	19.1	18.8
5 1	14 25.68	−52 55.1	1.161	2.052	17.5	18.7
5 11	14 8.95	−52 12.5	1.153	2.055	17.0	18.7
5 21	13 55.10	−50 42.2	1.164	2.057	17.7	18.7
5 31	13 46.06	−48 40.0	1.193	2.059	19.4	18.8

263115 2007 UB_3 4 29.6 308°.44 4°.0/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.07	− 7 39.1	1.316	2.158	18.2	20.1
4 1	14 51.30	− 7 15.3	1.227	2.139	14.4	19.8
4 11	14 45.35	− 6 46.0	1.156	2.121	10.0	19.5
4 21	14 36.77	− 6 15.9	1.108	2.103	5.5	19.2
5 1	14 26.67	− 5 51.2	1.084	2.085	4.5	19.1
5 11	14 16.52	− 5 38.5	1.084	2.067	8.8	19.3
5 21	14 7.78	− 5 42.5	1.106	2.051	13.9	19.5
5 31	14 1.63	− 6 5.5	1.148	2.035	18.5	19.7

287701 2003 QC_{45} 4 29.6 258°.31 2°.7/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.12	−21 41.5	1.744	2.531	16.7	21.4
4 1	14 53.96	−22 0.1	1.638	2.514	13.6	21.2
4 11	14 46.90	−22 5.5	1.553	2.496	9.9	20.9
4 21	14 37.44	−21 56.4	1.491	2.477	5.7	20.6
5 1	14 26.56	−21 33.3	1.455	2.459	2.7	20.4
5 11	14 15.56	−20 59.6	1.446	2.439	5.6	20.5
5 21	14 5.75	−20 20.8	1.463	2.420	10.1	20.7
5 31	13 58.20	−19 43.9	1.504	2.399	14.4	20.9

302348 2002 AS_{174} 4 29.6 171°.43 0°.8/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.71	−18 44.0	1.957	2.743	15.2	22.1
4 1	14 53.67	−18 30.8	1.869	2.748	12.0	21.9
4 11	14 46.18	−18 5.4	1.803	2.751	8.3	21.7
4 21	14 36.87	−17 29.1	1.762	2.754	4.1	21.4
5 1	14 26.68	−16 44.6	1.749	2.756	0.9	21.2
5 11	14 16.71	−15 56.8	1.765	2.758	4.9	21.5
5 21	14 7.96	−15 11.3	1.808	2.758	9.0	21.7
5 31	14 1.19	−14 33.0	1.876	2.758	12.6	21.9

431077 2006 CA_{67} 4 29.6 70°.06 0°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.63	−18 26.0	1.891	2.691	15.1	21.5
4 1	14 49.79	−18 18.1	1.807	2.693	12.0	21.3
4 11	14 43.61	−17 58.5	1.744	2.696	8.3	21.0
4 21	14 35.67	−17 28.5	1.706	2.699	4.1	20.8
5 1	14 26.89	−16 51.0	1.695	2.702	0.9	20.5
5 11	14 18.31	−16 10.6	1.711	2.705	4.8	20.8
5 21	14 10.88	−15 32.3	1.754	2.708	8.9	21.1
5 31	14 5.37	−15 1.1	1.820	2.711	12.5	21.3

342261 2008 SX_{302} 4 29.6 223°.66 5°.6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.75	−32 49.6	2.152	2.884	15.6	20.7
4 1	14 50.76	−33 1.2	2.052	2.879	13.3	20.5
4 11	14 44.34	−32 53.4	1.972	2.874	10.5	20.3
4 21	14 36.06	−32 24.3	1.915	2.869	7.7	20.1
5 1	14 26.82	−31 34.0	1.883	2.863	5.8	20.0
5 11	14 17.73	−30 25.7	1.879	2.858	6.1	20.0
5 21	14 9.78	−29 5.9	1.901	2.852	8.6	20.2
5 31	14 3.81	−27 42.1	1.948	2.845	11.5	20.3

272525 2005 UJ_{273} 4 29.6 209°.82 0°.3/29.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.61	−15 28.4	2.309	3.100	13.0	21.6
4 1	14 50.93	−15 11.7	2.210	3.093	10.2	21.4
4 11	14 44.20	−14 46.4	2.134	3.086	7.0	21.2
4 21	14 35.93	−14 14.2	2.084	3.079	3.3	21.0
5 1	14 26.86	−13 37.9	2.063	3.070	0.7	20.7
5 11	14 17.88	−13 1.3	2.071	3.061	4.6	21.0
5 21	14 9.81	−12 28.6	2.107	3.052	8.2	21.2
5 31	14 3.36	−12 3.4	2.168	3.041	11.5	21.4

310942 2003 SN_{396} 4 29.6 109°.25 4°.6/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.49	− 5 35.6	1.597	2.424	16.3	20.9
4 1	14 52.19	− 4 54.4	1.527	2.431	12.7	20.7
4 11	14 45.28	− 4 10.3	1.479	2.437	8.8	20.5
4 21	14 36.47	− 3 28.7	1.455	2.444	5.3	20.3
5 1	14 26.78	− 2 55.4	1.457	2.451	5.0	20.3
5 11	14 17.43	− 2 35.8	1.485	2.457	8.2	20.5
5 21	14 9.46	− 2 32.8	1.538	2.464	12.1	20.7
5 31	14 3.68	− 2 47.5	1.612	2.470	15.6	21.0

244955 2003 YE_{137} 4 29.6 309°.32 4°.2/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.69	−28 16.2	2.081	2.841	15.2	20.4
4 1	14 49.11	−28 26.0	1.986	2.837	12.7	20.2
4 11	14 43.20	−28 19.1	1.911	2.834	9.6	20.0
4 21	14 35.52	−27 54.3	1.860	2.831	6.5	19.8
5 1	14 26.92	−27 12.4	1.835	2.828	4.3	19.7
5 11	14 18.47	−26 17.2	1.837	2.825	5.3	19.7
5 21	14 11.12	−25 14.4	1.866	2.822	8.3	19.9
5 31	14 5.63	−24 10.8	1.919	2.819	11.5	20.1

479926 2014 HG_{122} 4 29.6 214°.51 0°.8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.97	−14 13.1	2.667	3.465	11.3	21.4
4 1	14 46.20	−13 40.7	2.572	3.461	8.8	21.2
4 11	14 40.82	−13 0.9	2.502	3.458	5.9	21.1
4 21	14 34.27	−12 16.1	2.459	3.454	2.7	20.8
5 1	14 27.15	−11 29.3	2.444	3.450	1.1	20.7
5 11	14 20.15	−10 44.5	2.459	3.446	4.2	20.9
5 21	14 13.90	−10 5.0	2.502	3.442	7.3	21.1
5 31	14 8.93	− 9 34.1	2.570	3.438	10.1	21.3

161731 2006 SG_{36} 4 29.6 286°.67 0°.1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.88	−14 17.2	2.142	2.942	13.6	19.9
4 1	14 50.57	−14 26.1	2.046	2.934	10.7	19.7
4 11	14 44.08	−14 28.7	1.971	2.926	7.3	19.4
4 21	14 35.92	−14 26.0	1.923	2.918	3.5	19.2
5 1	14 26.87	−14 19.8	1.902	2.910	0.6	18.9
5 11	14 17.87	−14 13.1	1.910	2.902	4.7	19.2
5 21	14 9.82	−14 8.7	1.945	2.894	8.5	19.4
5 31	14 3.47	−14 9.8	2.005	2.886	12.0	19.6

25805 2000 CV_{91} 4 29.6 280°.39 0°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.33	−16 51.3	1.746	2.553	15.9	18.4
4 1	14 50.84	−16 38.1	1.639	2.531	12.7	18.1
4 11	14 44.69	−16 12.7	1.553	2.509	8.8	17.8
4 21	14 36.37	−15 36.2	1.492	2.487	4.2	17.5
5 1	14 26.78	−14 51.9	1.456	2.464	0.7	17.2
5 11	14 17.10	−14 5.1	1.448	2.441	5.7	17.5
5 21	14 8.51	−13 21.7	1.465	2.418	10.4	17.7
5 31	14 2.00	−12 47.8	1.505	2.395	14.7	17.9

20151 Utsunomiya 4 29.6 222°.96 5°.2/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.19	−31 7.4	2.056	2.793	16.1	20.5
4 1	14 53.63	−31 15.3	1.949	2.782	13.6	20.3
4 11	14 46.41	−31 3.8	1.861	2.771	10.6	20.0
4 21	14 37.11	−30 30.7	1.797	2.759	7.5	19.8
5 1	14 26.67	−29 35.6	1.759	2.746	5.3	19.7
5 11	14 16.30	−28 22.5	1.749	2.732	6.1	19.7
5 21	14 7.14	−26 57.9	1.766	2.718	9.0	19.8
5 31	14 0.08	−25 30.4	1.808	2.703	12.4	20.0

249088 2007 VC_{55} 4 29.6 235°.04 1°.2/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.24	−14 49.5	1.789	2.598	15.5	21.3
4 1	14 51.28	−14 10.9	1.693	2.587	12.2	21.0
4 11	14 44.79	−13 20.1	1.618	2.576	8.3	20.8
4 21	14 36.32	−12 20.0	1.568	2.564	3.9	20.5
5 1	14 26.81	−11 15.7	1.545	2.551	1.6	20.3
5 11	14 17.38	−10 13.5	1.550	2.538	6.0	20.5
5 21	14 9.12	− 9 19.9	1.581	2.525	10.5	20.8
5 31	14 2.87	− 8 40.1	1.635	2.511	14.5	21.0

14144 1998 SQ_{22} 4 29.6 212°.33 2°.2/ 1.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.53	−22 57.1	2.665	3.424	12.3	19.6
4 1	14 50.71	−23 4.5	2.559	3.417	9.9	19.5
4 11	14 43.99	−23 1.4	2.475	3.409	7.2	19.3
4 21	14 35.83	−22 47.4	2.418	3.400	4.3	19.1
5 1	14 26.90	−22 23.7	2.389	3.391	2.2	18.9
5 11	14 18.02	−21 52.7	2.390	3.381	4.0	19.0
5 21	14 9.95	−21 18.0	2.419	3.370	7.0	19.2
5 31	14 3.34	−20 43.8	2.475	3.359	9.9	19.3

174541 2003 EZ_{61} 4 29.6 87°.59 1°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.06	−12 40.4	2.274	3.083	12.6	20.2
4 1	14 46.47	−11 50.4	2.194	3.090	9.8	20.0
4 11	14 41.08	−10 52.4	2.137	3.096	6.5	19.8
4 21	14 34.40	− 9 50.0	2.107	3.102	3.1	19.6
5 1	14 27.15	− 8 47.8	2.105	3.108	2.1	19.5
5 11	14 20.12	− 7 50.9	2.132	3.114	5.2	19.7
5 21	14 14.00	− 7 3.4	2.185	3.121	8.5	20.0
5 31	14 9.35	− 6 28.5	2.263	3.127	11.5	20.2

93546 2000 UT_{22} 4 29.6 167°.41 2°.5/27.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.84	− 9 46.1	2.121	2.932	13.4	19.8
4 1	14 49.56	− 9 7.2	2.039	2.934	10.4	19.6
4 11	14 43.25	− 8 22.5	1.979	2.937	7.0	19.4
4 21	14 35.46	− 7 35.6	1.946	2.939	3.6	19.2
5 1	14 26.98	− 6 50.9	1.940	2.941	2.9	19.2
5 11	14 18.70	− 6 13.2	1.963	2.942	5.9	19.4
5 21	14 11.42	− 5 46.0	2.013	2.944	9.4	19.6
5 31	14 5.80	− 5 31.9	2.086	2.944	12.5	19.8

48340 2002 PT_{32} 4 29.6 215°.18 1°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.70	−14 30.8	2.078	2.877	14.0	19.9
4 1	14 51.23	−13 59.4	1.981	2.870	11.0	19.7
4 11	14 44.53	−13 18.2	1.906	2.861	7.4	19.4
4 21	14 36.13	−12 29.6	1.857	2.852	3.5	19.2
5 1	14 26.86	−11 37.7	1.836	2.842	1.3	19.0
5 11	14 17.69	−10 47.5	1.844	2.832	5.3	19.2
5 21	14 9.53	−10 3.9	1.879	2.821	9.3	19.4
5 31	14 3.14	− 9 31.2	1.939	2.809	12.8	19.6

21085 1991 UL_{4} 4 29.6 187°.43 1°.3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.91	−12 5.9	2.479	3.274	12.1	20.4
4 1	14 50.14	−11 41.9	2.386	3.274	9.4	20.2
4 11	14 43.53	−11 11.9	2.318	3.273	6.3	20.0
4 21	14 35.58	−10 38.1	2.276	3.271	3.0	19.8
5 1	14 26.97	−10 3.7	2.264	3.269	1.6	19.7
5 11	14 18.49	− 9 32.3	2.281	3.266	4.7	19.9
5 21	14 10.88	− 9 7.2	2.326	3.262	8.0	20.1
5 31	14 4.73	− 8 51.1	2.397	3.258	11.0	20.2

149442 2003 BE_{89} 4 29.6 45°.48 2°.4/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.46	−21 32.3	1.532	2.336	17.9	20.3
4 1	14 50.97	−21 39.0	1.461	2.347	14.4	20.1
4 11	14 44.66	−21 29.8	1.410	2.359	10.2	19.9
4 21	14 36.25	−21 5.2	1.381	2.370	5.6	19.6
5 1	14 26.86	−20 27.7	1.378	2.383	2.4	19.4
5 11	14 17.84	−19 42.8	1.400	2.395	5.4	19.7
5 21	14 10.31	−18 57.2	1.447	2.408	9.8	20.0
5 31	14 5.14	−18 17.3	1.517	2.421	13.8	20.2

472220 2014 FB_3 4 29.6 323°.21 4°.2/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.08	− 3 18.1	2.234	3.051	12.5	21.1
4 1	14 48.09	− 2 44.7	2.152	3.049	9.9	20.9
4 11	14 42.22	− 2 10.8	2.093	3.047	7.0	20.7
4 21	14 34.98	− 1 40.5	2.061	3.045	4.6	20.6
5 1	14 27.07	− 1 17.7	2.056	3.043	4.5	20.6
5 11	14 19.33	− 1 6.2	2.078	3.042	6.9	20.7
5 21	14 12.50	− 1 7.9	2.126	3.040	9.8	20.9
5 31	14 7.17	− 1 23.8	2.198	3.038	12.6	21.1

197986 2004 RM_{151} 4 29.6 165°.69 2°.6/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.35	−10 32.0	2.277	3.085	12.6	20.4
4 1	14 48.24	− 9 28.5	2.194	3.089	9.8	20.2
4 11	14 42.27	− 8 17.7	2.135	3.093	6.6	20.0
4 21	14 34.98	− 7 3.9	2.103	3.096	3.5	19.8
5 1	14 27.08	− 5 52.3	2.100	3.099	3.0	19.8
5 11	14 19.40	− 4 48.3	2.126	3.101	5.9	20.0
5 21	14 12.64	− 3 56.4	2.179	3.103	9.1	20.2
5 31	14 7.40	− 3 19.5	2.256	3.104	12.1	20.4

204406 2004 VA_4 4 29.6 59°.65 0°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.22	−20 20.8	1.391	2.207	18.8	19.6
4 1	14 50.24	−19 40.2	1.317	2.213	14.9	19.4
4 11	14 44.29	−18 39.7	1.262	2.218	10.3	19.1
4 21	14 36.11	−17 22.0	1.230	2.224	5.0	18.8
5 1	14 26.90	−15 53.6	1.223	2.230	0.8	18.5
5 11	14 18.07	−14 23.6	1.242	2.236	6.0	18.9
5 21	14 10.83	−13 1.6	1.285	2.242	11.1	19.2
5 31	14 6.06	−11 55.3	1.350	2.249	15.5	19.5

52179 2270 $T\text{-}_2$ 4 29.6 289°.48 0°.2/29.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.92	−16 22.5	2.036	2.839	14.1	19.8
4 1	14 48.32	−16 2.0	1.945	2.835	11.1	19.6
4 11	14 42.58	−15 31.1	1.875	2.831	7.5	19.4
4 21	14 35.22	−14 51.8	1.831	2.826	3.6	19.1
5 1	14 27.04	−14 7.6	1.815	2.822	0.7	18.9
5 11	14 19.01	−13 23.2	1.826	2.818	4.8	19.2
5 21	14 11.98	−12 43.4	1.864	2.814	8.8	19.4
5 31	14 6.68	−12 12.4	1.926	2.810	12.3	19.6

232911 2004 XK_{147} 4 29.6 94°.31 4°.7/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.80	−29 3.7	2.030	2.782	15.8	20.2
4 1	14 51.50	−29 22.8	1.948	2.793	13.1	20.0
4 11	14 44.77	−29 24.7	1.887	2.804	10.0	19.9
4 21	14 36.25	−29 8.1	1.849	2.816	6.9	19.7
5 1	14 26.88	−28 33.6	1.837	2.827	4.8	19.6
5 11	14 17.78	−27 44.8	1.853	2.837	5.6	19.7
5 21	14 9.91	−26 47.6	1.895	2.848	8.4	19.8
5 31	14 4.06	−25 48.8	1.962	2.859	11.4	20.0

334730 2003 NN_{10} 4 29.6 219°.84 3°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.53	− 6 30.0	2.362	3.174	12.1	21.3
4 1	14 48.40	− 5 34.5	2.270	3.165	9.5	21.1
4 11	14 42.43	− 4 34.5	2.201	3.157	6.6	20.9
4 21	14 35.09	− 3 34.5	2.160	3.148	4.0	20.7
5 1	14 27.08	− 2 39.2	2.147	3.138	4.0	20.7
5 11	14 19.17	− 1 53.4	2.162	3.128	6.5	20.8
5 21	14 12.11	− 1 20.7	2.204	3.117	9.6	21.0
5 31	14 6.49	− 1 3.2	2.270	3.106	12.4	21.2

145678 2251 $T\text{-}_2$ 4 29.6 184°.24 1°.8/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.35	−22 13.8	2.845	3.608	11.5	20.6
4 1	14 48.82	−22 16.4	2.747	3.608	9.2	20.4
4 11	14 42.61	−22 9.2	2.672	3.608	6.6	20.2
4 21	14 35.15	−21 52.5	2.623	3.607	3.8	20.0
5 1	14 27.08	−21 27.5	2.603	3.606	1.8	19.9
5 11	14 19.11	−20 56.9	2.613	3.604	3.6	20.0
5 21	14 11.90	−20 24.0	2.651	3.603	6.4	20.2
5 31	14 6.02	−19 52.3	2.716	3.600	9.1	20.4

221340 2005 WU_{33} 4 29.6 201°.03 1°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.05	−12 37.5	2.483	3.275	12.2	21.5
4 1	14 51.08	−12 17.1	2.385	3.270	9.5	21.3
4 11	14 44.22	−11 50.3	2.310	3.264	6.4	21.1
4 21	14 35.94	−11 19.3	2.263	3.258	3.0	20.8
5 1	14 26.95	−10 46.9	2.246	3.251	1.4	20.7
5 11	14 18.06	−10 16.7	2.258	3.243	4.7	20.9
5 21	14 10.02	− 9 52.1	2.298	3.235	8.1	21.1
5 31	14 3.47	− 9 35.9	2.363	3.225	11.1	21.3

210741 2000 UW_{65} 4 29.6 212°.42 0°.5/29.9 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.08	−17 45.4	1.990	2.780	14.9	22.0
4 1	14 53.30	−17 34.3	1.891	2.772	11.8	21.8
4 11	14 46.06	−17 12.0	1.814	2.764	8.2	21.6
4 21	14 36.93	−16 39.5	1.762	2.755	4.0	21.3
5 1	14 26.78	−15 59.4	1.738	2.746	0.7	21.0
5 11	14 16.72	−15 16.3	1.743	2.735	5.0	21.3
5 21	14 7.75	−14 35.3	1.775	2.724	9.2	21.5
5 31	14 0.72	−14 1.6	1.831	2.712	12.9	21.7

368245 2001 VJ_{110} 4 29.6 142°.92 1°.6/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.36	−21 30.6	2.259	3.032	13.8	22.2
4 1	14 51.49	−21 21.1	2.175	3.043	11.0	22.0
4 11	14 44.54	−20 59.4	2.113	3.054	7.8	21.8
4 21	14 36.09	−20 26.2	2.076	3.064	4.2	21.6
5 1	14 26.96	−19 43.7	2.069	3.074	1.6	21.4
5 11	14 18.07	−18 56.2	2.090	3.083	4.2	21.6
5 21	14 10.24	−18 8.4	2.139	3.091	7.7	21.8
5 31	14 4.14	−17 25.1	2.214	3.098	10.8	22.1

243968 2001 QM_{294} 4 29.6 270°.47 5°.3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.44	− 2 12.0	2.214	3.036	12.5	20.7
4 1	14 46.95	− 0 59.3	2.122	3.020	9.9	20.5
4 11	14 41.56	+ 0 16.0	2.053	3.004	7.3	20.3
4 21	14 34.74	+ 1 28.3	2.011	2.988	5.5	20.1
5 1	14 27.17	+ 2 31.4	1.996	2.972	5.9	20.1
5 11	14 19.68	+ 3 20.0	2.008	2.955	8.3	20.2
5 21	14 13.03	+ 3 50.4	2.046	2.939	11.1	20.4
5 31	14 7.86	+ 4 1.2	2.105	2.922	13.9	20.5

385601 2005 ES_{116} 4 29.6 7°.66 1°.2/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.91	−13 26.1	2.024	2.834	13.9	21.6
4 1	14 48.25	−12 57.1	1.939	2.834	10.8	21.4
4 11	14 42.49	−12 19.7	1.876	2.835	7.3	21.2
4 21	14 35.17	−11 36.6	1.839	2.835	3.4	20.9
5 1	14 27.11	−10 52.0	1.829	2.835	1.6	20.8
5 11	14 19.22	−10 10.7	1.847	2.835	5.3	21.0
5 21	14 12.36	− 9 37.0	1.892	2.835	9.1	21.3
5 31	14 7.20	− 9 14.4	1.960	2.836	12.4	21.5

522219 2016 AW_{263} 4 29.6 344°.59 5°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.32	−27 42.9	1.386	2.179	20.0	20.9
4 1	14 50.88	−28 21.3	1.303	2.174	16.7	20.7
4 11	14 45.14	−28 39.3	1.236	2.169	12.8	20.4
4 21	14 36.73	−28 33.5	1.191	2.165	8.8	20.2
5 1	14 26.84	−28 3.2	1.168	2.161	6.1	20.0
5 11	14 17.07	−27 12.6	1.169	2.159	7.3	20.0
5 21	14 8.92	−26 9.6	1.193	2.156	11.2	20.2
5 31	14 3.52	−25 4.4	1.239	2.155	15.3	20.5

325047 2008 CV_{137} 4 29.6 97°.65 1°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.92	−13 49.0	1.700	2.511	16.1	21.5
4 1	14 52.39	−13 25.7	1.631	2.526	12.6	21.3
4 11	14 45.35	−12 53.1	1.584	2.542	8.4	21.1
4 21	14 36.52	−12 14.1	1.561	2.557	3.9	20.9
5 1	14 26.91	−11 33.4	1.566	2.572	1.5	20.7
5 11	14 17.69	−10 56.1	1.598	2.587	5.8	21.0
5 21	14 9.84	−10 26.9	1.655	2.601	10.0	21.3
5 31	14 4.11	−10 9.6	1.736	2.615	13.6	21.6

40401 1999 NS_{64} 4 29.6 256°.17 4°.0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.96	−25 25.8	1.742	2.519	17.1	19.7
4 1	14 53.11	−25 44.7	1.639	2.505	14.2	19.5
4 11	14 46.35	−25 47.0	1.557	2.490	10.6	19.2
4 21	14 37.24	−25 31.0	1.497	2.476	6.7	19.0
5 1	14 26.76	−24 56.5	1.462	2.461	4.1	18.8
5 11	14 16.25	−24 7.4	1.454	2.445	5.9	18.8
5 21	14 6.99	−23 10.1	1.472	2.430	10.0	19.0
5 31	14 0.03	−22 12.6	1.513	2.414	14.0	19.2

73415 2002 LZ_{32} 4 29.6 112°.99 3°.4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.82	−11 7.0	1.985	2.803	13.8	19.5
4 1	14 47.32	− 9 29.1	1.907	2.808	10.7	19.3
4 11	14 41.79	− 7 40.7	1.853	2.813	7.2	19.1
4 21	14 34.81	− 5 48.1	1.825	2.817	4.0	18.9
5 1	14 27.19	− 3 59.2	1.827	2.822	4.0	18.9
5 11	14 19.84	− 2 21.8	1.857	2.826	7.1	19.1
5 21	14 13.53	− 1 1.9	1.913	2.831	10.5	19.3
5 31	14 8.90	− 0 3.1	1.992	2.835	13.6	19.5

494328 2016 TX_{13} 4 29.6 244°.40 1°.8/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.10	−21 36.3	2.532	3.305	12.5	21.9
4 1	14 48.95	−21 38.8	2.427	3.294	10.1	21.7
4 11	14 42.88	−21 30.8	2.344	3.284	7.2	21.5
4 21	14 35.37	−21 12.5	2.286	3.273	4.1	21.2
5 1	14 27.09	−20 45.2	2.258	3.261	1.8	21.1
5 11	14 18.84	−20 11.9	2.258	3.250	4.0	21.2
5 21	14 11.41	−19 36.3	2.285	3.238	7.2	21.4
5 31	14 5.44	−19 2.7	2.339	3.227	10.2	21.5

46372 2001 VG_{67} 4 29.6 226°.38 1°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.44	−19 57.4	2.138	2.921	14.2	18.9
4 1	14 51.11	−19 49.0	2.036	2.912	11.3	18.7
4 11	14 44.52	−19 28.6	1.956	2.902	7.9	18.4
4 21	14 36.20	−18 56.9	1.902	2.892	4.2	18.2
5 1	14 26.95	−18 16.0	1.875	2.881	1.2	17.9
5 11	14 17.77	−17 30.2	1.877	2.870	4.5	18.2
5 21	14 9.58	−16 44.4	1.906	2.858	8.4	18.4
5 31	14 3.16	−16 3.8	1.960	2.846	12.0	18.6

477973 2011 SH_{65} 4 29.6 227°.26 3°.1/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.29	−26 23.9	2.665	3.415	12.5	21.8
4 1	14 49.05	−26 30.4	2.559	3.407	10.3	21.7
4 11	14 42.92	−26 24.4	2.475	3.398	7.7	21.5
4 21	14 35.38	−26 5.3	2.416	3.389	5.0	21.3
5 1	14 27.09	−25 33.9	2.385	3.380	3.1	21.1
5 11	14 18.86	−24 53.0	2.383	3.371	4.2	21.2
5 21	14 11.44	−24 6.5	2.409	3.361	6.9	21.4
5 31	14 5.48	−23 19.1	2.461	3.351	9.7	21.5

508721 2017 UA_{27} 4 29.6 192°.65 0°.6/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.78	−14 10.7	2.307	3.102	12.9	22.2
4 1	14 50.25	−13 56.2	2.214	3.101	10.1	22.0
4 11	14 43.73	−13 34.4	2.145	3.099	6.8	21.8
4 21	14 35.75	−13 7.0	2.102	3.097	3.2	21.6
5 1	14 27.04	−12 37.0	2.087	3.094	0.9	21.4
5 11	14 18.45	−12 7.9	2.102	3.091	4.6	21.7
5 21	14 10.79	−11 43.4	2.144	3.088	8.2	21.9
5 31	14 4.70	−11 26.7	2.211	3.084	11.3	22.1

131784 2002 AL_{27} 4 29.6 33°.32 0°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.78	−15 56.5	1.310	2.137	19.1	19.5
4 1	14 52.46	−15 57.6	1.238	2.141	15.1	19.3
4 11	14 45.96	−15 46.6	1.186	2.146	10.3	19.0
4 21	14 37.00	−15 24.9	1.156	2.152	4.9	18.7
5 1	14 26.84	−14 56.4	1.150	2.157	0.8	18.4
5 11	14 17.00	−14 26.9	1.169	2.163	6.3	18.8
5 21	14 8.84	−14 2.4	1.211	2.170	11.5	19.1
5 31	14 3.33	−13 48.3	1.275	2.177	16.0	19.4

248374 2005 RF_{11} 4 29.6 274°.51 1°.7/27.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.79	−13 20.7	2.423	3.228	12.1	20.7
4 1	14 46.36	−12 21.8	2.315	3.208	9.4	20.5
4 11	14 41.14	−11 12.9	2.230	3.188	6.3	20.2
4 21	14 34.55	− 9 57.4	2.173	3.168	3.1	20.0
5 1	14 27.24	− 8 39.9	2.145	3.148	2.1	19.9
5 11	14 19.98	− 7 25.9	2.146	3.127	5.2	20.1
5 21	14 13.49	− 6 20.6	2.174	3.107	8.7	20.2
5 31	14 8.37	− 5 28.2	2.227	3.086	11.8	20.4

498763 2008 UM_{37} 4 29.6 180°.62 0°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.43	−16 28.3	2.372	3.157	12.9	22.5
4 1	14 51.51	−16 32.8	2.279	3.158	10.2	22.3
4 11	14 44.59	−16 29.7	2.209	3.158	7.0	22.1
4 21	14 36.17	−16 19.9	2.165	3.158	3.4	21.9
5 1	14 26.99	−16 5.0	2.151	3.158	0.6	21.7
5 11	14 17.94	−15 47.9	2.165	3.157	4.2	21.9
5 21	14 9.81	−15 31.9	2.208	3.156	7.7	22.2
5 31	14 3.26	−15 20.1	2.276	3.154	10.8	22.4

425154 2009 SX_{339} 4 29.6 85°.31 7°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.61	+ 4 1.4	1.919	2.734	14.4	20.7
4 1	14 51.74	+ 4 45.5	1.859	2.747	11.6	20.6
4 11	14 44.71	+ 5 23.8	1.821	2.760	9.0	20.4
4 21	14 36.17	+ 5 50.7	1.808	2.773	7.2	20.3
5 1	14 27.01	+ 6 1.1	1.822	2.786	7.5	20.4
5 11	14 18.23	+ 5 52.2	1.862	2.798	9.5	20.5
5 21	14 10.65	+ 5 23.8	1.926	2.811	12.1	20.7
5 31	14 4.91	+ 4 37.3	2.012	2.824	14.6	20.9

413137 2001 YA_{72} 4 29.6 89°.44 2°.7/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.45	− 8 22.2	1.966	2.773	14.4	22.1
4 1	14 53.02	− 7 54.1	1.908	2.802	11.1	21.9
4 11	14 45.47	− 7 22.3	1.874	2.830	7.5	21.8
4 21	14 36.48	− 6 50.5	1.866	2.858	3.9	21.6
5 1	14 26.97	− 6 22.7	1.885	2.885	3.1	21.6
5 11	14 17.92	− 6 2.9	1.934	2.912	6.1	21.8
5 21	14 10.13	− 5 53.6	2.009	2.938	9.5	22.1
5 31	14 4.20	− 5 56.3	2.107	2.963	12.5	22.3

259214 2003 BQ 4 29.6 122°.85 5°.5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.72	− 0 31.2	1.948	2.762	14.2	21.1
4 1	14 52.60	+ 0 9.4	1.882	2.774	11.3	20.9
4 11	14 45.31	+ 0 48.0	1.838	2.786	8.2	20.7
4 21	14 36.47	+ 1 19.6	1.820	2.798	5.9	20.6
5 1	14 26.97	+ 1 39.3	1.830	2.809	6.0	20.6
5 11	14 17.81	+ 1 43.6	1.866	2.820	8.3	20.8
5 21	14 9.85	+ 1 31.2	1.928	2.831	11.3	21.0
5 31	14 3.74	+ 1 2.3	2.013	2.841	14.1	21.2

25082 Williamhodge 4 29.6 285°.95 0°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.39	−17 19.8	1.992	2.791	14.5	19.3
4 1	14 49.79	−17 11.9	1.882	2.769	11.6	19.1
4 11	14 43.82	−16 53.3	1.793	2.746	8.0	18.8
4 21	14 35.97	−16 24.9	1.730	2.723	4.0	18.5
5 1	14 27.02	−15 49.2	1.693	2.700	0.7	18.2
5 11	14 18.00	−15 10.6	1.684	2.677	5.0	18.5
5 21	14 9.93	−14 33.8	1.702	2.654	9.2	18.7
5 31	14 3.65	−14 3.9	1.743	2.631	13.1	18.9

393055 2013 AL_{54} 4 29.6 127°.25 0°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.55	−19 13.5	2.786	3.562	11.4	22.4
4 1	14 48.09	−18 56.3	2.703	3.576	9.0	22.2
4 11	14 42.04	−18 30.2	2.644	3.590	6.2	22.1
4 21	14 34.88	−17 56.3	2.612	3.603	3.1	21.9
5 1	14 27.23	−17 17.0	2.608	3.615	0.7	21.7
5 11	14 19.78	−16 35.6	2.635	3.627	3.5	21.9
5 21	14 13.14	−15 55.7	2.690	3.639	6.4	22.1
5 31	14 7.81	−15 20.5	2.772	3.651	9.1	22.3

153717 2001 UV_{100} 4 29.6 136°.12 1°.7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.57	−19 7.2	2.124	2.900	14.5	21.2
4 1	14 54.95	−19 30.1	2.041	2.911	11.5	21.0
4 11	14 47.01	−19 43.6	1.980	2.922	8.1	20.8
4 21	14 37.34	−19 47.5	1.944	2.933	4.3	20.6
5 1	14 26.84	−19 42.6	1.938	2.943	1.7	20.4
5 11	14 16.54	−19 31.7	1.960	2.952	4.5	20.6
5 21	14 7.40	−19 18.3	2.011	2.961	8.2	20.8
5 31	14 0.17	−19 6.5	2.086	2.970	11.5	21.1

75394 1999 XE_{98} 4 29.6 220°.85 1°.5/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.22	−20 45.9	1.937	2.723	15.3	19.8
4 1	14 51.97	−20 36.0	1.839	2.716	12.3	19.5
4 11	14 45.24	−20 12.4	1.762	2.708	8.7	19.3
4 21	14 36.60	−19 35.4	1.709	2.699	4.6	19.0
5 1	14 26.94	−18 47.5	1.684	2.690	1.5	18.8
5 11	14 17.38	−17 53.6	1.687	2.681	4.9	19.0
5 21	14 8.94	−16 59.5	1.717	2.671	9.1	19.2
5 31	14 2.47	−16 11.4	1.771	2.660	12.9	19.4

169421 2001 XZ_{251} 4 29.6 111°.55 0°.8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.09	−13 47.3	2.540	3.337	11.8	21.2
4 1	14 47.85	−13 21.6	2.462	3.350	9.2	21.0
4 11	14 41.93	−12 49.2	2.408	3.363	6.1	20.8
4 21	14 34.85	−12 12.4	2.380	3.375	2.8	20.6
5 1	14 27.25	−11 34.3	2.381	3.387	1.1	20.5
5 11	14 19.86	−10 58.5	2.412	3.399	4.2	20.7
5 21	14 13.34	−10 28.3	2.470	3.411	7.4	21.0
5 31	14 8.19	−10 6.3	2.554	3.423	10.1	21.2

192626 1999 JR_{133} 4 29.6 351°.69 6°.3/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.98	− 6 47.3	1.176	2.043	18.3	19.1
4 1	14 43.40	− 5 20.6	1.106	2.033	14.3	18.9
4 11	14 39.92	− 3 44.1	1.056	2.025	10.1	18.6
4 21	14 34.19	− 2 7.2	1.027	2.018	6.7	18.4
5 1	14 27.34	− 0 41.4	1.021	2.013	7.2	18.4
5 11	14 20.72	+ 0 22.5	1.037	2.009	11.0	18.6
5 21	14 15.55	+ 0 58.0	1.074	2.007	15.4	18.8
5 31	14 12.76	+ 1 3.1	1.129	2.007	19.4	19.1

94974 2001 YO_{112} 4 29.6 132°.28 3°.4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.39	−10 8.2	1.576	2.401	16.5	19.6
4 1	14 51.45	− 9 9.2	1.503	2.407	12.9	19.3
4 11	14 44.88	− 8 1.4	1.453	2.414	8.7	19.1
4 21	14 36.38	− 6 50.3	1.426	2.420	4.6	18.9
5 1	14 27.00	− 5 43.0	1.426	2.426	3.9	18.9
5 11	14 17.96	− 4 46.9	1.453	2.431	7.6	19.1
5 21	14 10.31	− 4 7.3	1.504	2.437	11.8	19.3
5 31	14 4.84	− 3 47.1	1.577	2.441	15.5	19.6

365133 2009 DY_{32} 4 29.6 111°.86 3°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.52	− 8 44.5	1.603	2.428	16.3	21.4
4 1	14 51.43	− 7 43.5	1.535	2.439	12.6	21.2
4 11	14 44.78	− 6 35.4	1.490	2.450	8.6	21.0
4 21	14 36.30	− 5 26.3	1.468	2.461	4.8	20.8
5 1	14 27.02	− 4 23.0	1.474	2.471	4.4	20.8
5 11	14 18.12	− 3 32.5	1.506	2.481	7.8	21.0
5 21	14 10.61	− 2 59.2	1.563	2.491	11.7	21.3
5 31	14 5.24	− 2 45.5	1.641	2.500	15.3	21.5

440906 2006 VO_{6} 4 29.6 130°.99 1°.7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.03	−10 16.3	2.348	3.153	12.4	21.3
4 1	14 48.79	−10 2.3	2.262	3.155	9.6	21.1
4 11	14 42.71	− 9 43.9	2.199	3.156	6.5	20.9
4 21	14 35.27	− 9 23.6	2.163	3.158	3.2	20.7
5 1	14 27.18	− 9 4.2	2.155	3.159	2.0	20.6
5 11	14 19.24	− 8 48.9	2.176	3.160	5.0	20.8
5 21	14 12.18	− 8 40.5	2.224	3.162	8.3	21.0
5 31	14 6.61	− 8 41.1	2.297	3.163	11.2	21.2

508398 2016 GX_{189} 4 29.6 241°.13 4°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.60	− 3 28.4	2.068	2.878	13.7	20.9
4 1	14 52.71	− 3 6.4	1.974	2.867	10.8	20.6
4 11	14 45.57	− 2 44.2	1.902	2.855	7.7	20.4
4 21	14 36.71	− 2 25.5	1.857	2.843	4.9	20.2
5 1	14 26.94	− 2 14.5	1.839	2.830	4.6	20.2
5 11	14 17.23	− 2 14.7	1.849	2.817	7.3	20.3
5 21	14 8.52	− 2 28.3	1.886	2.804	10.7	20.5
5 31	14 1.56	− 2 55.9	1.946	2.790	13.9	20.7

514692 2006 BV_{81} 4 29.6 356°.82 6°.5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.84	−48 24.8	4.407	4.981	10.0	21.1
4 1	14 49.19	−49 15.2	4.305	4.981	9.1	21.0
4 11	14 42.91	−49 52.6	4.223	4.981	8.2	20.9
4 21	14 35.37	−50 15.1	4.162	4.980	7.3	20.8
5 1	14 27.15	−50 21.3	4.124	4.980	6.7	20.8
5 11	14 18.92	−50 11.5	4.111	4.980	6.5	20.8
5 21	14 11.31	−49 47.3	4.123	4.980	6.8	20.8
5 31	14 4.91	−49 11.7	4.159	4.980	7.5	20.8

272646 2005 WC_{117} 4 29.6 178°.82 1°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.51	−14 6.0	2.262	3.059	13.0	22.5
4 1	14 50.04	−13 30.7	2.173	3.061	10.2	22.3
4 11	14 43.59	−12 46.8	2.107	3.062	6.8	22.1
4 21	14 35.70	−11 56.9	2.067	3.063	3.2	21.8
5 1	14 27.11	−11 4.9	2.057	3.063	1.4	21.7
5 11	14 18.71	−10 15.5	2.075	3.062	4.9	21.9
5 21	14 11.27	− 9 33.1	2.121	3.061	8.5	22.1
5 31	14 5.42	− 9 1.1	2.192	3.059	11.7	22.3

175334 2005 NZ_{37} 4 29.6 140°.95 4°.6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.86	− 1 59.3	2.465	3.280	11.6	20.7
4 1	14 46.93	− 1 3.5	2.389	3.284	9.1	20.6
4 11	14 41.35	− 0 7.4	2.339	3.289	6.6	20.4
4 21	14 34.59	+ 0 44.5	2.315	3.293	4.8	20.3
5 1	14 27.30	+ 1 27.6	2.319	3.297	5.0	20.3
5 11	14 20.21	+ 1 58.2	2.350	3.301	7.0	20.5
5 21	14 13.94	+ 2 14.0	2.408	3.304	9.6	20.6
5 31	14 9.02	+ 2 14.3	2.489	3.308	12.0	20.8

36026 1999 NZ_{52} 4 29.6 188°.29 1°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.09	−24 21.4	2.798	3.558	11.7	18.4
4 1	14 47.10	−23 52.0	2.698	3.557	9.5	18.2
4 11	14 41.47	−23 9.7	2.622	3.557	6.8	18.1
4 21	14 34.66	−22 15.4	2.572	3.555	3.9	17.9
5 1	14 27.29	−21 11.7	2.550	3.554	1.8	17.7
5 11	14 20.08	−20 2.5	2.559	3.552	3.5	17.8
5 21	14 13.66	−18 52.4	2.597	3.550	6.4	18.0
5 31	14 8.56	−17 46.1	2.661	3.547	9.2	18.2

257609 1999 RQ_{214} 4 29.6 116°.33 0°.5/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.55	−18 2.2	1.757	2.555	16.2	21.8
4 1	14 52.94	−17 48.3	1.682	2.568	12.8	21.6
4 11	14 45.78	−17 21.9	1.629	2.581	8.7	21.4
4 21	14 36.78	−16 44.8	1.601	2.594	4.3	21.2
5 1	14 26.96	−16 0.6	1.599	2.606	0.7	20.9
5 11	14 17.47	−15 14.5	1.625	2.618	5.1	21.3
5 21	14 9.35	−14 32.3	1.678	2.630	9.4	21.5
5 31	14 3.36	−13 58.8	1.754	2.641	13.1	21.8

375875 2009 VO_{51} 4 29.6 221°.56 1°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.03	−19 44.3	2.142	2.923	14.2	21.4
4 1	14 52.37	−19 53.0	2.041	2.915	11.4	21.2
4 11	14 45.42	−19 51.3	1.963	2.907	8.0	20.9
4 21	14 36.67	−19 39.2	1.910	2.899	4.3	20.7
5 1	14 26.96	−19 18.1	1.885	2.890	1.6	20.5
5 11	14 17.29	−18 51.1	1.888	2.881	4.5	20.7
5 21	14 8.63	−18 22.5	1.919	2.871	8.4	20.9
5 31	14 1.76	−17 56.8	1.975	2.861	11.9	21.1

354737 2005 SQ_{279} 4 29.6 217°.34 0°.8/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.34	−13 32.6	2.907	3.699	10.6	22.6
4 1	14 47.19	−13 9.4	2.806	3.692	8.3	22.5
4 11	14 41.49	−12 40.1	2.730	3.684	5.5	22.3
4 21	14 34.68	−12 6.6	2.681	3.676	2.6	22.0
5 1	14 27.29	−11 31.4	2.661	3.667	1.1	21.9
5 11	14 19.98	−10 57.7	2.671	3.658	3.9	22.1
5 21	14 13.35	−10 28.5	2.710	3.649	6.9	22.3
5 31	14 7.90	−10 6.4	2.774	3.639	9.5	22.4

500751 2013 AU_{68} 4 29.6 100°.59 4°.5/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.07	− 0 25.3	2.696	3.505	10.9	21.9
4 1	14 47.59	+ 0 22.5	2.636	3.525	8.6	21.7
4 11	14 41.63	+ 1 8.9	2.600	3.545	6.3	21.6
4 21	14 34.67	+ 1 49.8	2.591	3.565	4.7	21.5
5 1	14 27.32	+ 2 21.5	2.611	3.585	4.8	21.6
5 11	14 20.22	+ 2 41.2	2.659	3.604	6.6	21.7
5 21	14 13.93	+ 2 47.6	2.733	3.622	8.8	21.9
5 31	14 8.92	+ 2 40.1	2.831	3.641	10.9	22.0

67217 2000 DL_{57} 4 29.6 183°.70 0°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.09	−17 32.6	2.275	3.067	13.2	20.0
4 1	14 49.00	−17 15.3	2.184	3.067	10.4	19.8
4 11	14 42.94	−16 48.0	2.116	3.067	7.1	19.6
4 21	14 35.42	−16 12.4	2.073	3.067	3.4	19.4
5 1	14 27.18	−15 31.2	2.059	3.066	0.5	19.1
5 11	14 19.10	−14 48.7	2.073	3.065	4.3	19.4
5 21	14 11.96	−14 9.0	2.115	3.064	7.9	19.6
5 31	14 6.40	−13 36.1	2.182	3.063	11.1	19.8

189345 2007 YG_{64} 4 29.6 162°.77 5°.1/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.84	− 4 22.6	1.788	2.612	14.9	21.2
4 1	14 50.71	− 3 19.5	1.714	2.615	11.7	21.0
4 11	14 44.24	− 2 13.4	1.662	2.618	8.3	20.8
4 21	14 36.06	− 1 10.2	1.636	2.621	5.6	20.6
5 1	14 27.09	− 0 16.6	1.636	2.623	5.7	20.6
5 11	14 18.39	+ 0 21.6	1.663	2.624	8.5	20.8
5 21	14 10.87	+ 0 41.0	1.714	2.626	11.9	21.0
5 31	14 5.28	+ 0 40.4	1.787	2.627	15.1	21.2

19201 1992 GZ_4 4 29.6 216°.74 0°.6/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.65	−14 15.5	2.456	3.255	12.1	18.6
4 1	14 47.71	−13 57.5	2.364	3.253	9.5	18.5
4 11	14 41.98	−13 32.3	2.296	3.251	6.4	18.3
4 21	14 34.95	−13 1.9	2.254	3.249	3.0	18.0
5 1	14 27.27	−12 29.3	2.240	3.247	0.9	17.9
5 11	14 19.72	−11 57.8	2.255	3.244	4.3	18.1
5 21	14 12.98	−11 30.9	2.298	3.242	7.7	18.3
5 31	14 7.67	−11 11.6	2.365	3.239	10.6	18.5

435538 2008 NW_2 4 29.6 298°.49 8°.5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.24	+ 3 16.3	1.675	2.507	15.4	21.0
4 1	14 49.07	+ 4 34.9	1.590	2.488	12.6	20.7
4 11	14 43.41	+ 5 51.9	1.527	2.470	10.0	20.5
4 21	14 35.79	+ 6 58.9	1.487	2.451	8.6	20.4
5 1	14 27.13	+ 7 47.4	1.472	2.432	9.3	20.4
5 11	14 18.53	+ 8 11.1	1.481	2.414	11.8	20.5
5 21	14 11.05	+ 8 7.1	1.512	2.395	14.9	20.6
5 31	14 5.55	+ 7 35.9	1.563	2.377	18.0	20.8

469431 2002 CN_{113} 4 29.6 182°.46 6°.2/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.82	−40 47.8	3.389	4.033	11.8	22.3
4 1	14 52.45	−41 23.8	3.285	4.033	10.4	22.2
4 11	14 45.18	−41 45.1	3.201	4.033	8.9	22.1
4 21	14 36.49	−41 49.3	3.140	4.033	7.4	22.0
5 1	14 27.05	−41 35.2	3.105	4.032	6.4	21.9
5 11	14 17.69	−41 3.9	3.098	4.030	6.3	21.9
5 21	14 9.15	−40 18.4	3.118	4.028	7.2	21.9
5 31	14 2.08	−39 23.0	3.164	4.025	8.6	22.0

351463 2005 NH_{30} 4 29.6 275°.13 2°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.62	−24 10.5	2.305	3.074	13.7	20.9
4 1	14 48.87	−24 15.8	2.199	3.062	11.1	20.7
4 11	14 43.01	−24 8.2	2.116	3.050	8.2	20.5
4 21	14 35.54	−23 47.4	2.057	3.038	5.0	20.3
5 1	14 27.20	−23 14.3	2.025	3.026	2.8	20.1
5 11	14 18.89	−22 32.4	2.022	3.013	4.4	20.2
5 21	14 11.48	−21 46.0	2.045	3.001	7.7	20.4
5 31	14 5.70	−21 0.5	2.094	2.988	10.9	20.6

6602 Gilclark 4 29.6 141°.61 19°.3/ 8.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 17.31	−47 36.6	1.296	1.965	26.8	17.3
4 1	15 13.08	−50 44.5	1.229	1.971	24.8	17.2
4 11	15 2.69	−53 27.5	1.176	1.977	22.8	17.0
4 21	14 46.20	−55 29.2	1.138	1.982	20.9	16.9
5 1	14 25.39	−56 33.6	1.117	1.987	19.6	16.8
5 11	14 3.89	−56 34.1	1.114	1.992	19.3	16.8
5 21	13 45.64	−55 37.3	1.129	1.996	20.1	16.9
5 31	13 33.35	−54 0.9	1.160	1.999	21.6	17.0

250859 2005 UG_{293} 4 29.6 190°.83 1°.6/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.82	−22 8.7	2.552	3.327	12.3	20.8
4 1	14 47.08	−21 53.9	2.457	3.327	9.9	20.6
4 11	14 41.57	−21 27.5	2.385	3.326	7.0	20.4
4 21	14 34.77	−20 50.2	2.339	3.326	3.9	20.2
5 1	14 27.35	−20 4.4	2.321	3.325	1.6	20.0
5 11	14 20.06	−19 13.7	2.331	3.325	3.7	20.2
5 21	14 13.60	−18 22.5	2.370	3.324	6.9	20.4
5 31	14 8.56	−17 35.1	2.434	3.323	9.8	20.6

132413 2002 GN_{122} 4 29.6 258°.54 1°.9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.58	−12 14.8	1.804	2.614	15.3	20.1
4 1	14 52.50	−11 45.7	1.698	2.594	12.1	19.8
4 11	14 45.80	−11 7.3	1.614	2.573	8.3	19.6
4 21	14 37.00	−10 22.4	1.555	2.551	4.0	19.3
5 1	14 26.97	− 9 35.4	1.524	2.528	2.3	19.1
5 11	14 16.88	− 8 52.2	1.519	2.505	6.4	19.3
5 21	14 7.85	− 8 18.2	1.541	2.481	11.0	19.5
5 31	14 0.83	− 7 57.8	1.585	2.457	15.1	19.7

144848 2004 KB_3 4 29.6 249°.78 0°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.97	−14 17.9	2.400	3.195	12.5	20.7
4 1	14 49.64	−14 17.6	2.302	3.188	9.8	20.5
4 11	14 43.39	−14 11.0	2.227	3.180	6.7	20.3
4 21	14 35.68	−13 59.3	2.178	3.173	3.1	20.0
5 1	14 27.21	−13 44.7	2.158	3.165	0.6	19.8
5 11	14 18.80	−13 30.0	2.167	3.157	4.3	20.1
5 21	14 11.23	−13 18.2	2.203	3.150	7.8	20.3
5 31	14 5.15	−13 12.2	2.265	3.142	10.9	20.4

462119 2007 RG_{139} 4 29.6 221°.83 1°.3/28.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.92	−14 49.6	1.846	2.651	15.2	21.9
4 1	14 51.77	−14 4.5	1.750	2.642	12.0	21.6
4 11	14 45.14	−13 7.1	1.676	2.633	8.1	21.4
4 21	14 36.60	−12 0.4	1.627	2.623	3.8	21.1
5 1	14 27.06	−10 49.7	1.606	2.612	1.7	20.9
5 11	14 17.64	− 9 41.6	1.613	2.600	6.0	21.2
5 21	14 9.35	− 8 42.7	1.646	2.588	10.3	21.4
5 31	14 3.04	− 7 58.0	1.703	2.575	14.2	21.6

391298 2006 SU_{321} 4 29.6 70°.37 5°.4/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.32	− 3 47.4	2.181	3.003	12.6	20.5
4 1	14 46.61	− 1 53.2	2.124	3.023	9.9	20.4
4 11	14 41.16	+ 0 3.4	2.092	3.044	7.1	20.2
4 21	14 34.52	+ 1 55.2	2.088	3.064	5.4	20.2
5 1	14 27.42	+ 3 35.0	2.113	3.084	6.0	20.2
5 11	14 20.64	+ 4 56.7	2.165	3.104	8.2	20.4
5 21	14 14.83	+ 5 57.0	2.243	3.124	10.8	20.6
5 31	14 10.51	+ 6 34.9	2.344	3.144	13.2	20.8

126149 2001 YN_{135} 4 29.6 156°.25 11°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.19	+14 37.9	1.864	2.659	15.5	20.0
4 1	14 53.98	+15 37.2	1.803	2.660	13.5	19.9
4 11	14 46.37	+16 22.6	1.763	2.661	11.8	19.8
4 21	14 37.06	+16 46.5	1.746	2.662	11.0	19.7
5 1	14 27.01	+16 43.1	1.753	2.663	11.5	19.8
5 11	14 17.32	+16 10.1	1.784	2.664	13.1	19.8
5 21	14 8.93	+15 9.0	1.837	2.665	15.1	20.0
5 31	14 2.55	+13 43.8	1.910	2.665	17.2	20.1

271699 2004 RJ_{147} 4 29.6 261°.31 1°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.85	−20 32.4	2.045	2.829	14.7	21.3
4 1	14 51.71	−20 39.1	1.937	2.812	11.9	21.1
4 11	14 45.15	−20 34.1	1.850	2.794	8.5	20.9
4 21	14 36.66	−20 17.3	1.788	2.776	4.7	20.6
5 1	14 27.06	−19 50.0	1.753	2.758	1.8	20.3
5 11	14 17.40	−19 15.7	1.746	2.739	4.8	20.5
5 21	14 8.73	−18 39.0	1.766	2.720	8.8	20.7
5 31	14 1.91	−18 5.3	1.810	2.701	12.6	20.9

500889 2013 KC_{9} 4 29.6 255°.54 3°.0/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.76	− 8 51.9	1.702	2.521	15.7	21.4
4 1	14 52.66	− 8 25.6	1.608	2.508	12.4	21.2
4 11	14 45.90	− 7 53.4	1.535	2.495	8.5	20.9
4 21	14 37.03	− 7 19.1	1.487	2.481	4.5	20.6
5 1	14 27.00	− 6 47.5	1.466	2.467	3.4	20.5
5 11	14 17.01	− 6 24.0	1.471	2.452	7.2	20.7
5 21	14 8.20	− 6 12.8	1.501	2.438	11.5	20.9
5 31	14 1.48	− 6 16.7	1.554	2.423	15.5	21.1

91045 1998 FA_{27} 4 29.6 114°.26 3°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.81	−24 54.0	1.947	2.717	15.8	18.9
4 1	14 52.41	−25 13.9	1.863	2.724	12.9	18.7
4 11	14 45.52	−25 19.3	1.799	2.732	9.5	18.5
4 21	14 36.75	−25 8.9	1.760	2.738	6.0	18.3
5 1	14 27.06	−24 43.9	1.747	2.745	3.6	18.1
5 11	14 17.58	−24 7.5	1.761	2.752	5.2	18.3
5 21	14 9.32	−23 25.3	1.803	2.758	8.6	18.5
5 31	14 3.11	−22 43.1	1.868	2.764	12.0	18.7

430248 2013 WT_{14} 4 29.6 139°.54 2°.6/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.90	− 9 13.2	2.048	2.861	13.7	21.5
4 1	14 49.74	− 8 42.0	1.967	2.864	10.6	21.3
4 11	14 43.49	− 8 5.7	1.910	2.868	7.2	21.1
4 21	14 35.72	− 7 27.9	1.878	2.871	3.8	20.9
5 1	14 27.23	− 6 52.8	1.874	2.874	2.9	20.9
5 11	14 18.95	− 6 24.7	1.898	2.878	6.0	21.1
5 21	14 11.70	− 6 7.1	1.948	2.880	9.5	21.3
5 31	14 6.15	− 6 2.1	2.021	2.883	12.7	21.5

175889 1999 WJ_{16} 4 29.6 184°.32 0°.4/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.57	−16 3.2	2.000	2.796	14.6	22.0
4 1	14 52.00	−15 38.7	1.910	2.797	11.5	21.7
4 11	14 45.13	−15 3.6	1.843	2.797	7.8	21.5
4 21	14 36.54	−14 20.0	1.801	2.796	3.7	21.3
5 1	14 27.10	−13 31.7	1.787	2.795	0.8	21.0
5 11	14 17.84	−12 43.5	1.802	2.793	5.0	21.3
5 21	14 9.68	−12 0.6	1.844	2.790	9.1	21.6
5 31	14 3.39	−11 27.4	1.910	2.787	12.7	21.8

233750 2008 TM_{4} 4 29.6 145°.69 0°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.66	−14 52.3	2.313	3.109	12.8	21.5
4 1	14 49.31	−14 20.1	2.230	3.117	10.0	21.4
4 11	14 43.07	−13 39.4	2.170	3.125	6.7	21.2
4 21	14 35.48	−12 52.7	2.137	3.132	3.1	20.9
5 1	14 27.27	−12 3.4	2.132	3.139	1.1	20.8
5 11	14 19.28	−11 16.2	2.157	3.145	4.6	21.1
5 21	14 12.24	−10 35.1	2.209	3.151	8.0	21.3
5 31	14 6.75	−10 3.5	2.286	3.157	11.1	21.5

210433 Ullithiele 4 29.6 164°.78 1°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.74	−12 6.0	2.253	3.059	12.8	21.6
4 1	14 48.68	−11 38.0	2.167	3.060	10.0	21.5
4 11	14 42.71	−11 3.3	2.105	3.062	6.7	21.3
4 21	14 35.33	−10 24.7	2.069	3.064	3.2	21.0
5 1	14 27.29	− 9 45.9	2.060	3.065	1.8	20.9
5 11	14 19.42	− 9 10.9	2.081	3.066	5.0	21.1
5 21	14 12.47	− 8 43.5	2.128	3.067	8.5	21.4
5 31	14 7.07	− 8 26.3	2.200	3.068	11.6	21.6

32408 2000 RU_{12} 4 29.6 328°.86 0°.5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.64	−17 0.0	2.110	2.914	13.6	18.7
4 1	14 46.49	−16 15.5	2.019	2.911	10.7	18.5
4 11	14 41.34	−15 19.0	1.951	2.907	7.2	18.3
4 21	14 34.72	−14 13.2	1.909	2.904	3.4	18.0
5 1	14 27.39	−13 2.6	1.894	2.901	0.9	17.8
5 11	14 20.22	−11 53.1	1.907	2.898	4.8	18.1
5 21	14 14.00	−10 50.2	1.947	2.895	8.6	18.3
5 31	14 9.39	− 9 58.7	2.012	2.892	12.0	18.5

248078 2004 PW_{91} 4 29.6 274°.67 3°.9/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.30	− 5 19.9	2.504	3.321	11.4	20.5
4 1	14 45.89	− 4 13.8	2.405	3.303	8.9	20.3
4 11	14 40.80	− 3 3.4	2.330	3.285	6.3	20.1
4 21	14 34.45	− 1 53.2	2.282	3.267	4.2	19.9
5 1	14 27.43	− 0 48.2	2.263	3.248	4.4	19.9
5 11	14 20.47	+ 0 6.6	2.271	3.230	6.7	20.0
5 21	14 14.23	+ 0 47.4	2.306	3.211	9.6	20.2
5 31	14 9.29	+ 1 12.2	2.365	3.193	12.2	20.3

64772 2001 XY_{180} 4 29.6 139°.65 2°.0/28.2 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.64	−11 48.8	1.826	2.642	14.9	19.8
4 1	14 49.86	−11 16.3	1.744	2.643	11.7	19.6
4 11	14 43.74	−10 35.8	1.684	2.644	7.8	19.4
4 21	14 35.90	− 9 50.8	1.649	2.645	3.8	19.2
5 1	14 27.21	− 9 5.9	1.641	2.645	2.3	19.1
5 11	14 18.73	− 8 26.6	1.661	2.646	6.1	19.3
5 21	14 11.40	− 7 57.4	1.706	2.647	10.1	19.5
5 31	14 5.96	− 7 41.4	1.774	2.647	13.6	19.7

214607 2006 RF_{22} 4 29.7 307°.19 0°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.07	−14 55.8	1.389	2.215	18.3	19.5
4 1	14 52.49	−15 6.8	1.277	2.179	14.8	19.1
4 11	14 46.60	−15 8.3	1.183	2.143	10.3	18.8
4 21	14 37.74	−15 0.9	1.111	2.107	5.1	18.4
5 1	14 26.85	−14 46.5	1.064	2.071	0.8	17.9
5 11	14 15.44	−14 29.7	1.041	2.035	6.9	18.2
5 21	14 5.13	−14 16.1	1.041	2.000	12.9	18.4
5 31	13 57.39	−14 11.8	1.061	1.965	18.3	18.6

131719 2001 YR_{77} 4 29.7 128°.87 0°.4/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.10	−15 2.3	1.892	2.697	14.9	20.6
4 1	14 50.94	−14 48.1	1.810	2.701	11.7	20.4
4 11	14 44.45	−14 24.7	1.749	2.705	7.9	20.1
4 21	14 36.22	−13 54.0	1.714	2.709	3.7	19.9
5 1	14 27.16	−13 19.6	1.706	2.713	0.9	19.7
5 11	14 18.32	−12 46.0	1.725	2.716	5.1	20.0
5 21	14 10.63	−12 17.6	1.771	2.720	9.2	20.2
5 31	14 4.84	−11 58.4	1.841	2.723	12.8	20.5

39043 2000 UT_{90} 4 29.7 183°.38 0°.4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.19	−16 44.1	1.750	2.551	16.2	18.6
4 1	14 53.67	−16 41.3	1.664	2.551	12.8	18.4
4 11	14 46.48	−16 27.7	1.598	2.551	8.8	18.1
4 21	14 37.26	−16 4.5	1.557	2.551	4.3	17.9
5 1	14 27.00	−15 34.4	1.543	2.550	0.7	17.6
5 11	14 16.91	−15 2.2	1.556	2.549	5.3	17.9
5 21	14 8.10	−14 32.8	1.596	2.547	9.8	18.2
5 31	14 1.45	−14 11.1	1.659	2.545	13.7	18.4

23887 Shinsukeabe 4 29.7 117°.97 2°.8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.52	− 8 38.7	2.071	2.885	13.5	18.7
4 1	14 49.40	− 8 5.4	1.992	2.890	10.5	18.5
4 11	14 43.24	− 7 27.5	1.937	2.895	7.1	18.3
4 21	14 35.60	− 6 48.7	1.907	2.900	3.8	18.1
5 1	14 27.28	− 6 13.3	1.906	2.905	3.1	18.0
5 11	14 19.17	− 5 45.5	1.932	2.910	6.1	18.2
5 21	14 12.09	− 5 28.5	1.984	2.915	9.5	18.4
5 31	14 6.67	− 5 24.5	2.060	2.919	12.6	18.6

472226 2014 FU_{53} 4 29.7 78°.46 3°.3/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.91	− 7 17.1	2.328	3.145	12.1	21.4
4 1	14 46.37	− 6 22.9	2.248	3.147	9.4	21.2
4 11	14 41.09	− 5 24.4	2.192	3.149	6.4	21.0
4 21	14 34.55	− 4 25.8	2.162	3.152	3.8	20.8
5 1	14 27.44	− 3 32.1	2.161	3.154	3.7	20.8
5 11	14 20.51	− 2 47.6	2.187	3.157	6.2	21.0
5 21	14 14.43	− 2 15.8	2.240	3.159	9.2	21.2
5 31	14 9.77	− 1 58.5	2.316	3.161	11.9	21.3

415454 2013 TL_{105} 4 29.7 163°.60 0°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 45.11	−20 5.3	4.905	5.669	7.0	21.5
4 1	14 41.78	−19 59.8	4.806	5.671	5.5	21.4
4 11	14 37.60	−19 49.1	4.733	5.673	3.8	21.3
4 21	14 32.80	−19 33.8	4.687	5.674	2.1	21.2
5 1	14 27.72	−19 15.0	4.671	5.676	0.8	21.0
5 11	14 22.70	−18 54.1	4.685	5.677	2.1	21.2
5 21	14 18.06	−18 32.8	4.728	5.679	3.9	21.3
5 31	14 14.09	−18 12.8	4.799	5.680	5.5	21.4

375832 Yurijmedvedev 4 29.7 197°.02 0°.6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.98	−14 23.4	2.351	3.142	12.8	21.9
4 1	14 51.20	−14 7.1	2.255	3.139	10.0	21.7
4 11	14 44.44	−13 43.2	2.183	3.136	6.8	21.5
4 21	14 36.19	−13 13.5	2.137	3.132	3.2	21.2
5 1	14 27.19	−12 40.8	2.120	3.127	0.9	21.1
5 11	14 18.30	−12 8.9	2.132	3.121	4.6	21.3
5 21	14 10.32	−11 41.5	2.173	3.115	8.1	21.5
5 31	14 3.90	−11 21.7	2.238	3.109	11.3	21.7

217609 2008 SW_{254} 4 29.7 225°.80 2°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.74	−23 53.7	2.080	2.854	14.8	20.6
4 1	14 50.71	−24 2.1	1.985	2.850	12.1	20.4
4 11	14 44.36	−23 56.6	1.911	2.847	8.8	20.2
4 21	14 36.23	−23 36.9	1.861	2.843	5.3	20.0
5 1	14 27.18	−23 4.3	1.838	2.839	2.9	19.8
5 11	14 18.24	−22 22.2	1.843	2.835	4.7	19.9
5 21	14 10.36	−21 35.9	1.874	2.831	8.3	20.1
5 31	14 4.32	−20 50.9	1.931	2.826	11.7	20.3

197000 2003 UE_{96} 4 29.7 228°.17 0°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.60	−14 56.7	2.163	2.961	13.5	20.8
4 1	14 50.36	−14 48.3	2.068	2.955	10.7	20.6
4 11	14 43.99	−14 31.9	1.996	2.950	7.2	20.4
4 21	14 36.02	−14 9.0	1.949	2.944	3.4	20.1
5 1	14 27.22	−13 42.5	1.931	2.938	0.7	19.9
5 11	14 18.52	−13 15.8	1.941	2.932	4.7	20.2
5 21	14 10.77	−12 53.0	1.978	2.925	8.5	20.4
5 31	14 4.69	−12 37.4	2.040	2.919	11.9	20.6

22772 1999 CU_{17} 4 29.7 160°.37 0°.5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.22	−18 5.5	2.339	3.127	12.9	18.5
4 1	14 49.06	−17 51.0	2.250	3.130	10.2	18.3
4 11	14 42.97	−17 26.7	2.184	3.133	7.0	18.1
4 21	14 35.48	−16 53.9	2.143	3.136	3.5	17.9
5 1	14 27.31	−16 15.3	2.131	3.138	0.6	17.6
5 11	14 19.31	−15 34.8	2.147	3.140	4.1	17.9
5 21	14 12.22	−14 56.4	2.192	3.142	7.6	18.1
5 31	14 6.68	−14 24.1	2.261	3.143	10.7	18.3

147187 2002 VR_{80} 4 29.7 244°.28 2°.6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.87	− 9 23.8	2.145	2.949	13.4	21.7
4 1	14 52.23	− 8 50.5	2.038	2.930	10.6	21.5
4 11	14 45.36	− 8 11.0	1.954	2.910	7.2	21.2
4 21	14 36.73	− 7 28.7	1.896	2.889	3.8	20.9
5 1	14 27.12	− 6 47.6	1.867	2.867	3.0	20.8
5 11	14 17.48	− 6 12.6	1.866	2.844	6.2	21.0
5 21	14 8.74	− 5 47.7	1.892	2.821	10.0	21.2
5 31	14 1.69	− 5 35.9	1.942	2.797	13.4	21.4

131451 2001 QD_{174} 4 29.7 252°.49 4°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.96	−35 44.0	4.583	5.256	8.6	19.9
4 1	14 46.61	−36 18.2	4.473	5.251	7.4	19.8
4 11	14 41.01	−36 43.0	4.385	5.246	6.1	19.7
4 21	14 34.50	−36 57.4	4.322	5.240	4.9	19.6
5 1	14 27.48	−37 0.9	4.287	5.235	4.1	19.5
5 11	14 20.46	−36 54.2	4.281	5.230	4.2	19.5
5 21	14 13.90	−36 39.0	4.302	5.224	5.0	19.6
5 31	14 8.22	−36 17.5	4.350	5.219	6.3	19.7

439582 2014 DS_{108} 4 29.7 347°.29 1°.9/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.43	−12 14.3	1.982	2.801	13.8	20.8
4 1	14 46.43	−11 33.1	1.896	2.797	10.8	20.6
4 11	14 41.37	−10 43.4	1.833	2.794	7.2	20.4
4 21	14 34.78	− 9 48.8	1.795	2.791	3.5	20.1
5 1	14 27.44	− 8 54.2	1.784	2.788	2.3	20.0
5 11	14 20.26	− 8 4.9	1.801	2.786	5.7	20.3
5 21	14 14.07	− 7 25.7	1.843	2.784	9.5	20.5
5 31	14 9.53	− 7 0.0	1.909	2.783	12.8	20.7

87692 2000 SS_{13} 4 29.7 265°.89 4°.6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.09	− 3 18.1	2.310	3.130	12.1	20.1
4 1	14 46.59	− 2 14.3	2.223	3.122	9.5	19.9
4 11	14 41.31	− 1 8.0	2.161	3.114	6.9	19.8
4 21	14 34.71	− 0 4.5	2.124	3.105	4.9	19.6
5 1	14 27.45	+ 0 51.1	2.116	3.097	5.1	19.6
5 11	14 20.32	+ 1 33.9	2.135	3.089	7.4	19.7
5 21	14 14.01	+ 2 0.9	2.180	3.080	10.2	19.9
5 31	14 9.12	+ 2 10.4	2.247	3.072	12.9	20.1

148899 2001 WD_{60} 4 29.7 298°.79 0°.7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.30	−14 5.4	1.657	2.474	16.2	19.7
4 1	14 50.89	−13 58.0	1.563	2.462	12.8	19.5
4 11	14 44.79	−13 41.5	1.490	2.449	8.7	19.2
4 21	14 36.56	−13 17.6	1.441	2.437	4.1	18.9
5 1	14 27.15	−12 49.9	1.418	2.424	1.1	18.6
5 11	14 17.78	−12 23.1	1.421	2.412	5.9	18.9
5 21	14 9.59	−12 2.2	1.449	2.401	10.6	19.2
5 31	14 3.54	−11 51.6	1.499	2.389	14.8	19.4

110453 2001 TF_{42} 4 29.7 125°.74 0°.6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.23	−13 17.5	2.162	2.954	13.7	19.9
4 1	14 53.74	−13 18.4	2.085	2.969	10.7	19.7
4 11	14 46.12	−13 13.1	2.030	2.983	7.2	19.5
4 21	14 36.96	−13 3.2	2.003	2.997	3.4	19.3
5 1	14 27.12	−12 50.9	2.004	3.011	0.9	19.1
5 11	14 17.53	−12 39.4	2.034	3.023	4.7	19.4
5 21	14 9.06	−12 31.6	2.092	3.036	8.3	19.7
5 31	14 2.36	−12 30.3	2.175	3.047	11.5	19.9

6794 Masuisakura 4 29.7 192°.65 0°.2/29.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.94	−14 16.7	2.953	3.735	10.7	17.2
4 1	14 49.97	−14 17.7	2.854	3.733	8.4	17.0
4 11	14 43.40	−14 13.5	2.780	3.730	5.7	16.8
4 21	14 35.66	−14 5.1	2.733	3.727	2.7	16.6
5 1	14 27.31	−13 54.2	2.717	3.724	0.5	16.4
5 11	14 19.05	−13 43.1	2.730	3.720	3.6	16.7
5 21	14 11.48	−13 33.9	2.773	3.716	6.6	16.9
5 31	14 5.15	−13 29.1	2.842	3.711	9.2	17.0

10258 Sárneczky 4 29.7 148°.85 5°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.03	+ 2 58.4	2.593	3.404	11.2	17.5
4 1	14 47.00	+ 3 59.1	2.522	3.409	9.0	17.4
4 11	14 41.40	+ 4 56.9	2.476	3.413	7.0	17.3
4 21	14 34.68	+ 5 47.1	2.456	3.417	5.8	17.2
5 1	14 27.47	+ 6 25.3	2.464	3.421	6.2	17.2
5 11	14 20.44	+ 6 48.1	2.499	3.425	7.9	17.3
5 21	14 14.21	+ 6 54.1	2.559	3.428	10.0	17.5
5 31	14 9.26	+ 6 43.3	2.641	3.431	12.1	17.6

409368 2005 AP_{52} 4 29.7 67°.44 0°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.41	−17 8.7	1.420	2.235	18.5	21.4
4 1	14 53.43	−17 6.8	1.353	2.249	14.6	21.1
4 11	14 46.45	−16 52.0	1.307	2.263	10.0	20.9
4 21	14 37.26	−16 26.0	1.283	2.277	4.9	20.6
5 1	14 27.08	−15 52.3	1.284	2.292	0.8	20.4
5 11	14 17.32	−15 16.9	1.312	2.306	5.8	20.8
5 21	14 9.20	−14 45.6	1.363	2.320	10.6	21.1
5 31	14 3.59	−14 23.7	1.437	2.335	14.8	21.4

303736 2005 QH_{65} 4 29.7 213°.57 3°.6/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.45	− 5 7.8	2.517	3.330	11.4	21.0
4 1	14 46.69	− 4 17.4	2.431	3.328	8.9	20.8
4 11	14 41.27	− 3 24.5	2.370	3.325	6.2	20.7
4 21	14 34.67	− 2 33.0	2.336	3.322	4.0	20.5
5 1	14 27.48	− 1 47.3	2.330	3.319	4.0	20.5
5 11	14 20.44	− 1 11.3	2.352	3.315	6.3	20.6
5 21	14 14.17	− 0 47.8	2.401	3.312	9.0	20.8
5 31	14 9.21	− 0 38.4	2.474	3.308	11.6	21.0

98549 2000 VY_{56} 4 29.7 104°.21 1°.2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.66	−19 37.3	1.676	2.471	17.0	20.4
4 1	14 53.94	−19 27.2	1.606	2.489	13.5	20.2
4 11	14 46.55	−19 3.1	1.557	2.507	9.3	20.0
4 21	14 37.24	−18 26.4	1.532	2.524	4.7	19.7
5 1	14 27.10	−17 40.4	1.533	2.540	1.2	19.5
5 11	14 17.36	−16 50.8	1.562	2.556	5.1	19.8
5 21	14 9.11	−16 3.8	1.617	2.572	9.5	20.1
5 31	14 3.10	−15 24.9	1.696	2.587	13.3	20.4

52947 1998 SY_{144} 4 29.7 245°.27 2°.0/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.97	−12 54.4	1.866	2.678	14.8	20.3
4 1	14 50.23	−12 8.1	1.770	2.667	11.6	20.1
4 11	14 44.12	−11 11.1	1.696	2.655	7.9	19.8
4 21	14 36.17	−10 7.1	1.647	2.642	3.8	19.5
5 1	14 27.24	− 9 1.3	1.626	2.629	2.4	19.4
5 11	14 18.41	− 8 0.3	1.632	2.616	6.3	19.6
5 21	14 10.64	− 7 9.9	1.664	2.603	10.4	19.8
5 31	14 4.75	− 6 34.5	1.719	2.589	14.2	20.0

22848 Chrisharriot 4 29.7 124°.80 1°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.63	−19 29.7	1.800	2.592	16.1	19.4
4 1	14 53.02	−19 15.5	1.723	2.605	12.8	19.2
4 11	14 45.89	−18 47.7	1.668	2.617	8.8	19.0
4 21	14 36.94	−18 7.9	1.637	2.628	4.5	18.8
5 1	14 27.14	−17 19.4	1.633	2.640	1.0	18.5
5 11	14 17.68	−16 27.6	1.657	2.650	5.0	18.8
5 21	14 9.54	−15 38.4	1.707	2.661	9.2	19.1
5 31	14 3.51	−14 57.3	1.782	2.670	12.9	19.3

259044 2002 TL_{292} 4 29.7 253°.41 1°.5/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.70	−21 14.3	1.846	2.637	15.8	20.4
4 1	14 51.02	−20 58.0	1.744	2.624	12.7	20.2
4 11	14 44.78	−20 26.3	1.663	2.610	9.0	19.9
4 21	14 36.53	−19 39.6	1.606	2.596	4.8	19.6
5 1	14 27.19	−18 40.8	1.576	2.582	1.5	19.3
5 11	14 17.88	−17 35.4	1.573	2.568	5.1	19.6
5 21	14 9.71	−16 30.0	1.597	2.553	9.5	19.8
5 31	14 3.55	−15 31.6	1.644	2.538	13.5	20.0

241444 2008 YJ_{21} 4 29.7 157°.61 0°.1/29.8 17

3 22	14 52.60	−16 58.2	2.171	2.967	13.5	21.4
4 1	14 48.74	−16 39.6	2.082	2.968	10.7	21.2
4 11	14 42.86	−16 11.0	2.016	2.969	7.3	21.0
4 21	14 35.48	−15 34.2	1.976	2.970	3.5	20.8
5 1	14 27.37	−14 52.4	1.964	2.971	0.5	20.5
5 11	14 19.42	−14 9.8	1.980	2.972	4.5	20.8
5 21	14 12.44	−13 30.9	2.022	2.972	8.2	21.1
5 31	14 7.10	−12 59.7	2.090	2.973	11.5	21.3

392896 2012 VC_{42} 4 29.7 240°.59 0°.2/29.8 17

3 22	14 52.55	−17 12.5	2.330	3.122	12.9	22.0
4 1	14 48.64	−16 54.8	2.231	3.114	10.2	21.8
4 11	14 42.78	−16 27.3	2.154	3.106	7.0	21.5
4 21	14 35.45	−15 51.7	2.104	3.098	3.4	21.3
5 1	14 27.37	−15 10.7	2.082	3.089	0.5	21.0
5 11	14 19.37	−14 28.3	2.088	3.080	4.3	21.3
5 21	14 12.23	−13 48.7	2.122	3.072	7.9	21.5
5 31	14 6.63	−13 16.0	2.181	3.062	11.1	21.7

329294 2000 QP_{36} 4 29.7 242°.26 2°.5/27.5 18

3 22	14 54.30	−10 12.2	2.262	3.067	12.8	21.3
4 1	14 50.06	− 9 27.5	2.157	3.050	10.0	21.0
4 11	14 43.79	− 8 35.5	2.076	3.032	6.8	20.8
4 21	14 35.96	− 7 39.8	2.021	3.014	3.6	20.6
5 1	14 27.29	− 6 44.8	1.995	2.995	2.8	20.5
5 11	14 18.64	− 5 55.7	1.998	2.976	5.9	20.6
5 21	14 10.84	− 5 16.7	2.027	2.955	9.5	20.8
5 31	14 4.59	− 4 51.1	2.081	2.935	12.7	21.0

499167 2009 SG_{70} 4 29.7 204°.80 1°.9/ 1.1 17

3 22	14 56.24	−21 9.1	1.999	2.782	15.0	22.8
4 1	14 51.93	−21 11.3	1.905	2.779	12.1	22.5
4 11	14 45.23	−21 0.8	1.832	2.776	8.6	22.3
4 21	14 36.69	−20 37.7	1.784	2.772	4.7	22.1
5 1	14 27.19	−20 3.9	1.763	2.768	1.9	21.9
5 11	14 17.81	−19 23.3	1.771	2.764	4.7	22.1
5 21	14 9.54	−18 41.1	1.805	2.760	8.6	22.3
5 31	14 3.18	−18 2.7	1.863	2.755	12.2	22.5

113105 2002 RV_{76} 4 29.7 283°.09 1°.5/28.7 18

3 22	14 53.84	−13 44.6	1.624	2.444	16.3	20.8
4 1	14 50.66	−13 13.8	1.524	2.424	12.9	20.5
4 11	14 44.74	−12 31.3	1.444	2.404	8.8	20.2
4 21	14 36.61	−11 40.0	1.388	2.384	4.2	19.9
5 1	14 27.20	−10 44.7	1.358	2.364	2.0	19.7
5 11	14 17.75	− 9 52.2	1.354	2.343	6.6	19.9
5 21	14 9.46	− 9 9.0	1.375	2.323	11.4	20.1
5 31	14 3.32	− 8 40.3	1.418	2.302	15.8	20.3

435378 2007 WC_{20} 4 29.7 103°.14 6°.0/24.6 17

3 22	14 55.31	+ 4 35.2	2.445	3.249	12.0	21.2
4 1	14 50.31	+ 5 13.2	2.383	3.264	9.7	21.1
4 11	14 43.60	+ 5 46.0	2.345	3.279	7.5	21.0
4 21	14 35.72	+ 6 9.3	2.334	3.294	6.2	20.9
5 1	14 27.37	+ 6 19.3	2.350	3.308	6.4	20.9
5 11	14 19.31	+ 6 13.7	2.393	3.322	8.0	21.1
5 21	14 12.18	+ 5 52.2	2.462	3.336	10.2	21.2
5 31	14 6.51	+ 5 15.4	2.554	3.350	12.3	21.4

412229 2013 HY_{3} 4 29.7 327°.73 3°.2/28.2 17

3 22	14 54.04	− 9 2.8	1.222	2.067	19.1	19.9
4 1	14 51.53	− 8 52.0	1.140	2.055	15.1	19.6
4 11	14 45.71	− 8 35.2	1.077	2.043	10.4	19.3
4 21	14 37.17	− 8 16.7	1.036	2.032	5.3	19.0
5 1	14 27.11	− 8 1.8	1.018	2.021	3.6	18.8
5 11	14 17.11	− 7 56.4	1.023	2.012	8.3	19.0
5 21	14 8.67	− 8 4.9	1.051	2.003	13.6	19.3
5 31	14 2.95	− 8 29.9	1.098	1.995	18.4	19.5

6443 1988 RH_{12} 4 29.7 216°.94 1°.5/26.9 18

3 22	14 43.57	− 7 26.4	5.010	5.809	6.3	19.9
4 1	14 40.57	− 6 57.0	4.914	5.805	4.9	19.8
4 11	14 36.78	− 6 26.0	4.846	5.800	3.3	19.7
4 21	14 32.46	− 5 54.9	4.805	5.796	1.9	19.6
5 1	14 27.87	− 5 25.6	4.795	5.791	1.7	19.5
5 11	14 23.34	− 4 59.7	4.815	5.786	3.0	19.6
5 21	14 19.15	− 4 38.6	4.864	5.781	4.6	19.7
5 31	14 15.56	− 4 23.4	4.938	5.776	6.1	19.9

388693 2007 UE_{133} 4 29.7 97°.64 2°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.15	−24 21.1	2.217	2.989	14.0	21.3
4 1	14 48.43	−24 5.3	2.128	2.994	11.4	21.1
4 11	14 42.65	−23 34.8	2.062	2.999	8.2	20.9
4 21	14 35.39	−22 50.1	2.020	3.003	4.8	20.7
5 1	14 27.42	−21 53.8	2.005	3.008	2.3	20.6
5 11	14 19.66	−20 50.5	2.019	3.013	4.2	20.7
5 21	14 12.91	−19 45.8	2.061	3.017	7.6	20.9
5 31	14 7.83	−18 45.2	2.127	3.022	10.8	21.1

334163 2001 SP_{78} 4 29.7 216°.87 4°.9/ 2.9 17

3 22	15 0.05	−27 48.2	2.134	2.880	15.3	22.6
4 1	14 55.07	−28 29.2	2.031	2.873	12.8	22.4
4 11	14 47.49	−28 56.6	1.950	2.866	9.9	22.2
4 21	14 37.84	−29 7.6	1.892	2.858	6.9	22.0
5 1	14 27.02	−29 1.2	1.862	2.850	4.9	21.8
5 11	14 16.18	−28 39.1	1.859	2.841	5.9	21.9
5 21	14 6.41	−28 5.5	1.883	2.832	8.8	22.0
5 31	13 58.66	−27 26.6	1.933	2.822	12.0	22.2

421560 2014 OW_{189} 4 29.7 151°.49 0°.8/30.3 16

3 22	14 58.51	−18 46.9	2.031	2.816	14.8	22.3
4 1	14 53.46	−18 35.2	1.948	2.825	11.7	22.1
4 11	14 46.09	−18 12.0	1.887	2.834	8.1	21.9
4 21	14 37.03	−17 38.4	1.851	2.843	4.1	21.7
5 1	14 27.17	−16 57.2	1.843	2.850	0.9	21.4
5 11	14 17.57	−16 13.0	1.864	2.857	4.6	21.7
5 21	14 9.14	−15 30.7	1.913	2.863	8.5	22.0
5 31	14 2.63	−14 55.2	1.986	2.868	12.0	22.2

114918 2003 QX_{36} 4 29.7 169°.46 3°.6/26.9 18

3 22	14 55.45	− 8 49.3	1.774	2.593	15.2	20.4
4 1	14 51.29	− 7 50.7	1.696	2.596	11.9	20.1
4 11	14 44.74	− 6 45.0	1.640	2.599	8.1	19.9
4 21	14 36.42	− 5 37.4	1.609	2.601	4.5	19.7
5 1	14 27.27	− 4 34.2	1.605	2.602	4.1	19.7
5 11	14 18.37	− 3 42.1	1.629	2.603	7.4	19.9
5 21	14 10.68	− 3 5.5	1.678	2.604	11.2	20.1
5 31	14 4.95	− 2 47.3	1.749	2.604	14.7	20.3

371168 2005 YP_{33} 4 29.7 159°.14 2°.9/27.1 17

3 22	14 55.36	− 7 25.8	2.455	3.257	12.0	22.0
4 1	14 50.47	− 6 46.2	2.374	3.265	9.3	21.9
4 11	14 43.80	− 6 3.0	2.318	3.272	6.4	21.7
4 21	14 35.87	− 5 19.9	2.289	3.279	3.6	21.5
5 1	14 27.36	− 4 40.7	2.289	3.285	3.2	21.5
5 11	14 19.06	− 4 9.2	2.318	3.290	5.7	21.7
5 21	14 11.65	− 3 48.2	2.375	3.294	8.7	21.9
5 31	14 5.70	− 3 39.5	2.456	3.298	11.4	22.0

470397 2007 TD_{447} 4 29.7 247°.71 1°.1/28.7 17

3 22	14 53.57	−12 54.4	2.466	3.263	12.1	21.9
4 1	14 49.35	−12 31.1	2.359	3.247	9.5	21.6
4 11	14 43.24	−12 0.9	2.275	3.230	6.4	21.4
4 21	14 35.70	−11 25.8	2.218	3.213	3.0	21.2
5 1	14 27.37	−10 49.0	2.190	3.195	1.4	21.0
5 11	14 19.07	−10 14.2	2.190	3.177	4.7	21.2
5 21	14 11.53	− 9 45.1	2.219	3.158	8.2	21.4
5 31	14 5.42	− 9 24.8	2.273	3.139	11.3	21.6

170950 2005 BG_{6} 4 29.7 84°.44 1°.0/30.3 18

3 22	14 59.18	−18 28.7	1.524	2.328	18.0	20.5
4 1	14 54.57	−18 25.8	1.459	2.348	14.2	20.3
4 11	14 47.09	−18 9.3	1.415	2.367	9.8	20.1
4 21	14 37.54	−17 40.7	1.394	2.387	4.9	19.8
5 1	14 27.11	−17 3.4	1.400	2.407	1.1	19.6
5 11	14 17.16	−16 23.0	1.431	2.426	5.5	19.9
5 21	14 8.83	−15 45.6	1.489	2.445	10.0	20.3
5 31	14 2.93	−15 16.7	1.569	2.463	14.0	20.5

308468 2005 TB_{4} 4 29.7 205°.37 1°.0/28.8 16

3 22	14 55.07	−11 8.2	2.752	3.543	11.1	21.0
4 1	14 50.20	−11 8.9	2.655	3.540	8.7	20.9
4 11	14 43.64	−11 5.9	2.582	3.536	5.9	20.7
4 21	14 35.82	−11 0.8	2.537	3.532	2.8	20.5
5 1	14 27.37	−10 55.4	2.522	3.527	1.3	20.3
5 11	14 18.99	−10 51.9	2.537	3.523	4.2	20.5
5 21	14 11.36	−10 52.5	2.580	3.518	7.2	20.7
5 31	14 5.03	−10 58.9	2.649	3.513	10.0	20.9

401373 2013 BC_{76} 4 29.7 15°.48 4°.7/ 2.2 16

3 22	14 56.07	−24 16.5	1.235	2.045	21.1	20.7
4 1	14 53.30	−24 53.3	1.161	2.047	17.3	20.5
4 11	14 46.97	−25 11.1	1.104	2.048	12.8	20.2
4 21	14 37.77	−25 7.2	1.068	2.051	8.0	20.0
5 1	14 27.06	−24 41.7	1.054	2.054	4.8	19.8
5 11	14 16.58	−23 59.5	1.063	2.057	7.0	19.9
5 21	14 7.94	−23 9.2	1.096	2.061	11.7	20.2
5 31	14 2.30	−22 20.2	1.149	2.065	16.2	20.5

10313 Vanessa–Mae 4 29.7 236°.46 2°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.12	−23 36.3	1.855	2.631	16.3	18.8
4 1	14 53.82	−23 36.4	1.749	2.617	13.3	18.6
4 11	14 46.79	−23 20.6	1.664	2.603	9.7	18.3
4 21	14 37.56	−22 48.0	1.603	2.587	5.7	18.0
5 1	14 27.09	−21 59.9	1.568	2.571	2.8	17.8
5 11	14 16.60	−21 0.8	1.562	2.555	5.3	17.9
5 21	14 7.28	−19 57.4	1.581	2.537	9.5	18.1
5 31	14 0.11	−18 57.1	1.625	2.519	13.6	18.3

292784 2006 UM_{219} 4 29.7 277°.43 1°.4/30.5 17

3 22	14 57.73	−18 0.0	1.677	2.478	16.7	21.4
4 1	14 53.82	−18 18.1	1.573	2.460	13.5	21.1
4 11	14 47.00	−18 26.0	1.489	2.441	9.5	20.8
4 21	14 37.76	−18 23.2	1.429	2.421	5.0	20.5
5 1	14 27.07	−18 10.9	1.395	2.402	1.5	20.2
5 11	14 16.23	−17 52.5	1.388	2.382	5.6	20.4
5 21	14 6.55	−17 32.6	1.406	2.362	10.4	20.7
5 31	13 59.13	−17 17.0	1.447	2.343	14.8	20.9

133004 2002 TU_{290} 4 29.7 175°.10 1°.9/ 1.5 18

3 22	14 52.72	−23 20.6	2.449	3.218	13.0	20.3
4 1	14 48.67	−23 1.9	2.354	3.219	10.4	20.2
4 11	14 42.74	−22 30.0	2.282	3.220	7.5	20.0
4 21	14 35.44	−21 45.8	2.236	3.221	4.2	19.8
5 1	14 27.47	−20 51.6	2.218	3.222	1.9	19.6
5 11	14 19.66	−19 51.5	2.229	3.222	3.9	19.7
5 21	14 12.76	−18 50.5	2.268	3.222	7.2	19.9
5 31	14 7.38	−17 53.5	2.333	3.222	10.2	20.1

59922 1999 RY_{164} 4 29.7 109°.29 1°.9/27.9 18

3 22	14 54.55	−11 56.9	2.331	3.131	12.6	19.5
4 1	14 49.84	−11 5.8	2.263	3.154	9.7	19.3
4 11	14 43.34	−10 8.0	2.220	3.176	6.5	19.1
4 21	14 35.64	− 9 7.0	2.204	3.198	3.2	19.0
5 1	14 27.45	− 8 7.5	2.217	3.219	2.2	18.9
5 11	14 19.59	− 7 14.2	2.259	3.239	5.1	19.1
5 21	14 12.73	− 6 30.7	2.329	3.259	8.3	19.4
5 31	14 7.40	− 5 59.6	2.423	3.279	11.1	19.6

214217 2005 EJ_{85} 4 29.7 35°.07 2°.8/28.0 17

3 22	14 53.58	−11 12.8	1.289	2.129	18.6	20.0
4 1	14 50.64	−10 36.7	1.225	2.137	14.5	19.8
4 11	14 44.69	− 9 51.1	1.181	2.146	9.8	19.6
4 21	14 36.51	− 9 1.0	1.159	2.155	4.8	19.3
5 1	14 27.31	− 8 13.4	1.162	2.165	3.3	19.2
5 11	14 18.53	− 7 35.3	1.189	2.176	7.6	19.5
5 21	14 11.36	− 7 12.1	1.239	2.187	12.4	19.8
5 31	14 6.70	− 7 6.8	1.309	2.198	16.5	20.1

507004 2008 TC_{82} 4 29.7 300°.84 0°.8/29.1 17

3 22	14 51.99	−15 9.8	1.714	2.531	15.7	21.6
4 1	14 49.07	−14 45.5	1.613	2.511	12.5	21.4
4 11	14 43.59	−14 9.4	1.532	2.491	8.5	21.1
4 21	14 36.06	−13 23.7	1.475	2.471	4.0	20.8
5 1	14 27.36	−12 32.7	1.444	2.451	1.2	20.5
5 11	14 18.64	−11 42.3	1.440	2.432	5.9	20.8
5 21	14 11.00	−10 58.6	1.461	2.412	10.6	21.0
5 31	14 5.37	−10 27.1	1.504	2.393	14.8	21.2

268134 2004 TS_{126} 4 29.7 243°.53 5°.7/24.0 18

3 22	14 52.10	− 2 23.6	2.099	2.920	13.1	20.7
4 1	14 48.42	− 0 57.0	2.010	2.908	10.4	20.5
4 11	14 42.71	+ 0 33.2	1.945	2.895	7.7	20.3
4 21	14 35.49	+ 2 0.6	1.906	2.882	5.9	20.2
5 1	14 27.48	+ 3 18.0	1.895	2.869	6.4	20.2
5 11	14 19.57	+ 4 19.1	1.911	2.855	8.8	20.3
5 21	14 12.57	+ 4 59.9	1.952	2.841	11.8	20.4
5 31	14 7.17	+ 5 18.8	2.015	2.827	14.6	20.6

247077 2000 SD_{40} 4 29.7 282°.57 5°.4/25.8 17

3 22	14 54.12	− 6 37.7	1.546	2.378	16.4	20.9
4 1	14 51.05	− 5 27.3	1.444	2.351	13.1	20.6
4 11	14 45.14	− 4 7.2	1.363	2.323	9.3	20.3
4 21	14 36.89	− 2 43.9	1.306	2.294	5.9	20.1
5 1	14 27.24	− 1 26.1	1.274	2.266	6.1	20.0
5 11	14 17.45	− 0 22.8	1.268	2.237	9.8	20.1
5 21	14 8.80	+ 0 19.0	1.285	2.207	14.3	20.3
5 31	14 2.34	+ 0 35.3	1.323	2.178	18.5	20.4

263846 2009 BP_{13} 4 29.7 21°.67 20°.0/13.3 18

3 22	15 3.66	−50 1.0	1.153	1.842	28.6	20.3
4 1	15 2.22	−52 32.5	1.088	1.843	26.7	20.1
4 11	14 55.03	−54 31.0	1.033	1.844	24.6	19.9
4 21	14 42.42	−55 42.2	0.991	1.846	22.6	19.8
5 1	14 26.35	−55 52.5	0.964	1.848	20.9	19.7
5 11	14 10.26	−54 57.9	0.952	1.850	20.1	19.6
5 21	13 57.53	−53 6.2	0.956	1.852	20.4	19.7
5 31	13 50.32	−50 35.5	0.976	1.854	21.7	19.7

411758 2012 BV_{109} 4 29.7 71°.90 3°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.16	−22 46.9	1.549	2.344	18.2	20.9
4 1	14 53.31	−23 5.0	1.472	2.350	14.7	20.7
4 11	14 46.50	−23 7.2	1.414	2.357	10.6	20.5
4 21	14 37.41	−22 52.6	1.378	2.363	6.2	20.2
5 1	14 27.19	−22 22.7	1.368	2.370	3.2	20.1
5 11	14 17.25	−21 42.1	1.383	2.377	5.7	20.2
5 21	14 8.81	−20 57.6	1.424	2.384	10.0	20.5
5 31	14 2.83	−20 16.2	1.487	2.391	14.0	20.8

185727 1998 SN_{158} 4 29.7 231°.59 2°.1/ 1.1 17

3 22	14 58.28	−21 0.5	2.033	2.811	15.0	21.2
4 1	14 53.65	−21 12.2	1.929	2.800	12.1	21.0
4 11	14 46.51	−21 12.2	1.847	2.788	8.7	20.8
4 21	14 37.41	−21 0.1	1.789	2.776	4.9	20.5
5 1	14 27.19	−20 36.9	1.759	2.763	2.1	20.3
5 11	14 16.96	−20 5.8	1.757	2.750	4.8	20.4
5 21	14 7.78	−19 31.6	1.782	2.736	8.8	20.6
5 31	14 0.52	−18 59.6	1.832	2.721	12.5	20.8

169374 2001 UK_{161} 4 29.7 59°.79 3°.7/27.0 18

3 22	14 54.56	− 4 47.0	2.070	2.886	13.5	19.4
4 1	14 50.09	− 4 23.7	2.007	2.904	10.5	19.2
4 11	14 43.66	− 3 59.7	1.966	2.921	7.2	19.0
4 21	14 35.85	− 3 38.7	1.951	2.939	4.4	18.9
5 1	14 27.47	− 3 24.5	1.964	2.957	4.0	18.9
5 11	14 19.40	− 3 20.1	2.004	2.975	6.5	19.1
5 21	14 12.42	− 3 27.3	2.070	2.993	9.6	19.3
5 31	14 7.10	− 3 46.8	2.160	3.012	12.4	19.5

170350 2003 SH_{174} 4 29.7 119°.61 3°.4/ 1.9 18

3 22	14 59.36	−23 51.2	1.709	2.488	17.3	20.7
4 1	14 54.75	−24 10.6	1.630	2.498	14.1	20.4
4 11	14 47.32	−24 14.4	1.571	2.508	10.3	20.2
4 21	14 37.76	−24 1.6	1.535	2.518	6.2	20.0
5 1	14 27.17	−23 33.2	1.526	2.527	3.4	19.9
5 11	14 16.85	−22 53.4	1.544	2.536	5.5	20.0
5 21	14 7.98	−22 8.6	1.587	2.544	9.4	20.3
5 31	14 1.45	−21 25.4	1.655	2.553	13.2	20.5

303889 2005 TK_{89} 4 29.7 56°.86 2°.8/ 1.7 18

3 22	14 56.43	−22 27.7	2.379	3.146	13.4	20.6
4 1	14 51.75	−23 1.4	2.285	3.146	10.8	20.5
4 11	14 44.97	−23 25.5	2.213	3.147	7.9	20.3
4 21	14 36.58	−23 38.9	2.167	3.148	4.8	20.1
5 1	14 27.34	−23 41.8	2.149	3.148	2.8	19.9
5 11	14 18.17	−23 36.0	2.159	3.149	4.4	20.1
5 21	14 9.92	−23 24.6	2.197	3.150	7.5	20.2
5 31	14 3.31	−23 11.5	2.261	3.150	10.5	20.4

374620 2006 EO_{56} 4 29.7 101°.64 3°.8/26.2 17

3 22	14 52.73	− 7 53.0	1.997	2.815	13.8	20.5
4 1	14 48.79	− 6 40.7	1.929	2.829	10.7	20.4
4 11	14 42.84	− 5 22.8	1.885	2.843	7.3	20.2
4 21	14 35.49	− 4 5.0	1.867	2.856	4.4	20.0
5 1	14 27.54	− 2 53.5	1.876	2.869	4.3	20.0
5 11	14 19.90	− 1 54.2	1.914	2.882	7.0	20.2
5 21	14 13.34	− 1 11.0	1.977	2.894	10.3	20.4
5 31	14 8.46	− 0 46.0	2.064	2.907	13.2	20.7

88202 2000 YS_{98} 4 29.7 266°.65 2°.5/27.3 18

3 22	14 51.12	− 8 16.1	2.536	3.345	11.5	19.4
4 1	14 47.34	− 7 42.9	2.437	3.331	9.0	19.3
4 11	14 41.84	− 7 5.7	2.361	3.318	6.1	19.0
4 21	14 35.06	− 6 27.3	2.312	3.304	3.4	18.8
5 1	14 27.60	− 5 51.4	2.292	3.290	2.8	18.8
5 11	14 20.20	− 5 21.8	2.300	3.276	5.4	18.9
5 21	14 13.54	− 5 1.4	2.336	3.262	8.5	19.1
5 31	14 8.19	− 4 52.4	2.395	3.248	11.3	19.3

507843 2014 FA_{27} 4 29.7 10°.68 2°.2/ 1.5 17

3 22	14 52.11	−22 21.1	2.129	2.911	14.2	20.9
4 1	14 48.55	−22 24.2	2.040	2.912	11.5	20.7
4 11	14 42.87	−22 14.6	1.972	2.913	8.2	20.5
4 21	14 35.59	−21 52.6	1.929	2.915	4.7	20.3
5 1	14 27.52	−21 20.1	1.913	2.916	2.2	20.1
5 11	14 19.60	−20 40.7	1.924	2.918	4.4	20.2
5 21	14 12.68	−19 59.1	1.963	2.920	7.9	20.4
5 31	14 7.47	−19 20.3	2.026	2.922	11.2	20.7

270386 2002 AR_{113} 4 29.7 191°.75 1°.4/ 1.0 17

3 22	14 56.38	−21 13.0	2.604	3.369	12.4	22.2
4 1	14 51.43	−21 2.5	2.503	3.367	9.9	22.0
4 11	14 44.60	−20 41.1	2.425	3.364	7.0	21.8
4 21	14 36.36	−20 9.4	2.373	3.361	3.8	21.6
5 1	14 27.41	−19 29.2	2.351	3.356	1.4	21.4
5 11	14 18.58	−18 44.1	2.359	3.351	3.8	21.5
5 21	14 10.60	−17 58.1	2.395	3.345	7.1	21.7
5 31	14 4.10	−17 15.5	2.458	3.339	10.1	21.9

403845 2011 UG_{283} 4 29.7 300°.84 4°.2/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.97	− 7 47.4	1.283	2.125	18.6	20.7
4 1	14 52.33	− 7 19.5	1.190	2.102	14.8	20.4
4 11	14 46.38	− 6 45.0	1.115	2.079	10.3	20.1
4 21	14 37.64	− 6 8.8	1.062	2.056	5.7	19.8
5 1	14 27.18	− 5 37.7	1.033	2.033	4.7	19.6
5 11	14 16.56	− 5 19.0	1.027	2.011	9.2	19.8
5 21	14 7.32	− 5 18.0	1.044	1.989	14.5	20.0
5 31	14 0.73	− 5 37.9	1.080	1.967	19.4	20.2

351528 2005 SU_{140} 4 29.7 115°.23 0°.7/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.91	−13 47.8	2.433	3.232	12.2	21.4
4 1	14 47.97	−13 30.0	2.346	3.235	9.5	21.2
4 11	14 42.24	−13 5.4	2.283	3.238	6.4	21.0
4 21	14 35.23	−12 36.1	2.245	3.241	3.0	20.8
5 1	14 27.59	−12 4.9	2.237	3.243	1.0	20.7
5 11	14 20.11	−11 35.4	2.257	3.246	4.3	20.9
5 21	14 13.46	−11 11.0	2.304	3.248	7.6	21.1
5 31	14 8.24	−10 54.3	2.376	3.251	10.6	21.3

430520 2001 YE_{157} 4 29.7 184°.69 6°.9/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.72	−35 41.2	2.213	2.920	15.9	21.3
4 1	14 54.07	−36 18.7	2.117	2.920	13.7	21.1
4 11	14 46.82	−36 37.5	2.039	2.920	11.3	21.0
4 21	14 37.56	−36 34.4	1.985	2.919	8.8	20.8
5 1	14 27.23	−36 7.8	1.955	2.918	7.1	20.7
5 11	14 17.01	−35 19.9	1.953	2.917	7.2	20.7
5 21	14 8.00	−34 15.9	1.976	2.915	9.0	20.8
5 31	14 1.07	−33 3.3	2.024	2.912	11.6	21.0

150904 2001 SX_{347} 4 29.7 145°.57 3°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.54	−29 10.6	2.294	3.034	14.6	20.9
4 1	14 52.63	−29 9.7	2.206	3.045	12.1	20.8
4 11	14 45.52	−28 52.1	2.140	3.055	9.1	20.6
4 21	14 36.81	−28 17.0	2.097	3.065	6.1	20.4
5 1	14 27.36	−27 25.8	2.083	3.074	4.1	20.3
5 11	14 18.17	−26 22.5	2.096	3.083	4.9	20.4
5 21	14 10.11	−25 12.8	2.138	3.091	7.6	20.5
5 31	14 3.88	−24 3.1	2.206	3.098	10.6	20.7

202246 2005 AE_{14} 4 29.7 47°.28 5°.1/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.67	− 2 48.7	1.824	2.649	14.6	19.3
4 1	14 49.76	− 2 7.2	1.757	2.658	11.5	19.2
4 11	14 43.63	− 1 25.8	1.712	2.666	8.2	19.0
4 21	14 35.92	− 0 49.5	1.692	2.675	5.5	18.8
5 1	14 27.50	− 0 23.5	1.698	2.685	5.5	18.8
5 11	14 19.37	− 0 12.0	1.731	2.694	8.0	19.0
5 21	14 12.41	− 0 17.0	1.788	2.704	11.3	19.2
5 31	14 7.28	− 0 38.8	1.867	2.714	14.3	19.4

174797 2003 WL_{146} 4 29.7 103°.98 7°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.76	+ 2 12.7	1.728	2.546	15.6	20.1
4 1	14 53.66	+ 3 15.6	1.674	2.565	12.5	19.9
4 11	14 46.20	+ 4 14.3	1.642	2.584	9.5	19.8
4 21	14 37.09	+ 5 1.7	1.635	2.603	7.5	19.7
5 1	14 27.35	+ 5 31.8	1.654	2.621	7.8	19.7
5 11	14 18.07	+ 5 40.6	1.698	2.638	10.0	19.9
5 21	14 10.18	+ 5 27.3	1.767	2.655	12.9	20.1
5 31	14 4.33	+ 4 53.6	1.857	2.672	15.6	20.3

413343 2003 XA 4 29.7 203°.07 4°.0/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.09	−28 24.9	2.379	3.114	14.2	21.8
4 1	14 54.77	−28 37.0	2.272	3.108	11.8	21.6
4 11	14 47.11	−28 34.2	2.187	3.101	9.0	21.4
4 21	14 37.66	−28 14.7	2.126	3.094	6.1	21.2
5 1	14 27.24	−27 38.9	2.094	3.085	4.1	21.0
5 11	14 16.88	−26 49.6	2.090	3.075	5.1	21.1
5 21	14 7.54	−25 51.6	2.115	3.064	7.9	21.2
5 31	14 0.01	−24 51.3	2.165	3.052	11.0	21.4

157804 1995 SF_{87} 4 29.7 205°.70 1°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.02	−13 32.6	2.213	3.014	13.2	21.1
4 1	14 49.84	−12 59.9	2.120	3.010	10.3	20.9
4 11	14 43.65	−12 18.8	2.049	3.005	6.9	20.7
4 21	14 35.95	−11 31.9	2.006	3.001	3.3	20.4
5 1	14 27.50	−10 43.2	1.990	2.996	1.5	20.3
5 11	14 19.18	− 9 57.4	2.003	2.990	5.0	20.5
5 21	14 11.79	− 9 18.6	2.044	2.984	8.7	20.7
5 31	14 6.01	− 8 50.5	2.109	2.978	12.0	20.9

346060 2007 UU_{55} 4 29.7 125°.90 0°.3/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.88	−15 4.5	2.452	3.244	12.3	21.7
4 1	14 49.44	−14 48.7	2.370	3.254	9.6	21.6
4 11	14 43.19	−14 25.6	2.312	3.264	6.5	21.4
4 21	14 35.67	−13 56.9	2.280	3.274	3.0	21.2
5 1	14 27.57	−13 25.4	2.277	3.284	0.7	21.0
5 11	14 19.66	−12 54.5	2.303	3.293	4.1	21.3
5 21	14 12.65	−12 27.7	2.357	3.302	7.4	21.5
5 31	14 7.10	−12 7.8	2.437	3.311	10.4	21.7

178213 2006 VT_{61} 4 29.7 250°.67 2°.3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.31	− 7 55.0	2.394	3.199	12.2	20.2
4 1	14 49.90	− 7 43.4	2.301	3.193	9.5	20.0
4 11	14 43.61	− 7 29.2	2.231	3.187	6.5	19.8
4 21	14 35.93	− 7 14.9	2.188	3.181	3.4	19.5
5 1	14 27.53	− 7 3.2	2.173	3.174	2.6	19.5
5 11	14 19.21	− 6 57.3	2.188	3.168	5.3	19.6
5 21	14 11.74	− 6 59.2	2.229	3.161	8.5	19.8
5 31	14 5.72	− 7 10.7	2.295	3.154	11.5	20.0

87761 2000 SG_{89} 4 29.7 182°.33 4°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.73	−29 46.4	2.310	3.049	14.5	19.4
4 1	14 51.32	−29 39.2	2.212	3.050	12.0	19.2
4 11	14 44.71	−29 14.4	2.135	3.050	9.2	19.0
4 21	14 36.48	−28 31.4	2.083	3.050	6.2	18.8
5 1	14 27.45	−27 31.4	2.058	3.049	4.1	18.7
5 11	14 18.61	−26 18.6	2.061	3.048	4.9	18.7
5 21	14 10.84	−24 59.1	2.092	3.046	7.7	18.9
5 31	14 4.84	−23 39.5	2.150	3.044	10.7	19.1

476702 2008 TX_{136} 4 29.7 149°.21 0°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.54	−17 42.0	4.041	4.813	8.2	22.6
4 1	14 44.62	−17 29.6	3.949	4.821	6.4	22.5
4 11	14 39.64	−17 11.7	3.883	4.828	4.4	22.4
4 21	14 33.91	−16 49.1	3.844	4.836	2.2	22.2
5 1	14 27.85	−16 23.5	3.836	4.843	0.4	22.0
5 11	14 21.88	−15 56.7	3.858	4.850	2.5	22.2
5 21	14 16.40	−15 30.9	3.909	4.856	4.7	22.4
5 31	14 11.77	−15 8.0	3.988	4.862	6.7	22.5

320475 2007 VT_{316} 4 29.7 242°.03 2°.1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.10	−21 33.5	1.884	2.666	15.8	22.2
4 1	14 53.78	−21 35.2	1.778	2.651	12.9	21.9
4 11	14 46.79	−21 23.0	1.692	2.635	9.2	21.7
4 21	14 37.65	−20 56.6	1.631	2.619	5.2	21.4
5 1	14 27.26	−20 17.3	1.597	2.601	2.1	21.1
5 11	14 16.83	−19 29.3	1.590	2.584	5.1	21.3
5 21	14 7.52	−18 38.6	1.610	2.565	9.5	21.5
5 31	14 0.28	−17 51.7	1.654	2.546	13.5	21.7

475076 2005 UA_{152} 4 29.7 224°.04 0°.0/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.71	−16 24.8	2.831	3.616	11.0	22.3
4 1	14 47.65	−16 8.4	2.728	3.608	8.7	22.2
4 11	14 41.98	−15 44.5	2.650	3.600	5.9	22.0
4 21	14 35.13	−15 14.5	2.598	3.592	2.8	21.7
5 1	14 27.67	−14 40.6	2.576	3.584	0.4	21.5
5 11	14 20.28	−14 5.9	2.584	3.575	3.7	21.8
5 21	14 13.58	−13 33.6	2.619	3.566	6.7	22.0
5 31	14 8.12	−13 6.9	2.681	3.556	9.5	22.1

256721 2008 AH_{66} 4 29.7 69°.95 3°.6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.15	−24 22.4	1.546	2.335	18.4	21.0
4 1	14 53.25	−24 36.8	1.475	2.348	15.0	20.8
4 11	14 46.42	−24 33.4	1.422	2.362	10.9	20.6
4 21	14 37.39	−24 11.5	1.392	2.375	6.6	20.4
5 1	14 27.33	−23 32.8	1.387	2.388	3.6	20.2
5 11	14 17.64	−22 42.6	1.409	2.402	5.7	20.4
5 21	14 9.53	−21 48.2	1.455	2.415	9.8	20.7
5 31	14 3.86	−20 57.2	1.524	2.429	13.7	20.9

32043 2000 JO_{27} 4 29.7 210°.76 1°.7/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.38	−21 37.0	2.218	2.992	14.0	19.4
4 1	14 51.86	−21 28.9	2.117	2.986	11.3	19.2
4 11	14 45.13	−21 8.1	2.038	2.979	8.0	19.0
4 21	14 36.72	−20 35.0	1.984	2.971	4.4	18.7
5 1	14 27.43	−19 51.5	1.958	2.963	1.7	18.5
5 11	14 18.21	−19 1.7	1.961	2.954	4.4	18.7
5 21	14 9.98	−18 10.6	1.992	2.945	8.1	18.9
5 31	14 3.49	−17 23.5	2.048	2.935	11.5	19.1

460721 2014 VG_{7} 4 29.7 249°.84 0°.9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.94	−19 1.5	1.780	2.575	16.1	21.3
4 1	14 52.97	−18 49.9	1.676	2.559	12.9	21.0
4 11	14 46.28	−18 24.6	1.593	2.543	9.1	20.7
4 21	14 37.42	−17 46.2	1.534	2.526	4.6	20.4
5 1	14 27.31	−16 57.6	1.501	2.509	1.0	20.1
5 11	14 17.17	−16 3.8	1.497	2.490	5.3	20.4
5 21	14 8.18	−15 11.4	1.518	2.472	10.0	20.6
5 31	14 1.30	−14 26.7	1.563	2.453	14.2	20.8

417271 2006 AQ_{32} 4 29.7 39°.53 1°.1/28.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.70	−14 46.8	1.467	2.294	17.4	21.0
4 1	14 49.56	−14 15.9	1.407	2.311	13.6	20.7
4 11	14 43.76	−13 33.5	1.367	2.328	9.1	20.5
4 21	14 36.05	−12 43.3	1.350	2.347	4.2	20.3
5 1	14 27.55	−11 51.1	1.359	2.365	1.5	20.1
5 11	14 19.49	−11 3.3	1.393	2.385	6.1	20.5
5 21	14 12.90	−10 25.8	1.452	2.404	10.5	20.8
5 31	14 8.52	−10 2.3	1.533	2.424	14.4	21.1

442465 2011 UA_{281} 4 29.7 181°.52 5°.5/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.70	+ 4 59.5	2.894	3.692	10.5	21.4
4 1	14 48.95	+ 5 36.8	2.816	3.693	8.5	21.3
4 11	14 42.72	+ 6 9.8	2.763	3.693	6.7	21.1
4 21	14 35.42	+ 6 34.6	2.737	3.693	5.6	21.1
5 1	14 27.64	+ 6 48.0	2.738	3.692	5.8	21.1
5 11	14 20.01	+ 6 47.6	2.768	3.692	7.3	21.2
5 21	14 13.11	+ 6 32.5	2.824	3.690	9.3	21.3
5 31	14 7.42	+ 6 3.1	2.904	3.689	11.2	21.4

384147 2008 YG_{152} 4 29.7 89°.88 0°.9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.35	−14 19.0	2.117	2.923	13.6	21.4
4 1	14 48.60	−13 52.0	2.033	2.925	10.6	21.2
4 11	14 42.83	−13 16.4	1.971	2.928	7.1	21.0
4 21	14 35.58	−12 34.7	1.935	2.930	3.3	20.8
5 1	14 27.61	−11 50.8	1.926	2.933	1.2	20.6
5 11	14 19.83	−11 9.1	1.946	2.935	4.9	20.9
5 21	14 13.03	−10 34.0	1.993	2.938	8.6	21.1
5 31	14 7.87	−10 8.8	2.063	2.940	11.8	21.3

160950 2002 AK_{107} 4 29.7 180°.50 1°.0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.11	−12 49.2	2.774	3.569	11.0	21.3
4 1	14 47.90	−12 25.8	2.683	3.569	8.5	21.1
4 11	14 42.10	−11 56.6	2.615	3.570	5.7	20.9
4 21	14 35.17	−11 23.7	2.575	3.570	2.7	20.7
5 1	14 27.68	−10 49.8	2.564	3.570	1.3	20.6
5 11	14 20.31	−10 18.3	2.583	3.569	4.1	20.8
5 21	14 13.68	− 9 51.9	2.629	3.568	7.1	21.0
5 31	14 8.30	− 9 33.3	2.702	3.567	9.8	21.2

238480 2004 RC_{157} 4 29.7 211°.87 3°.2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.19	−11 13.9	1.666	2.486	16.0	20.6
4 1	14 51.42	−10 6.7	1.580	2.482	12.5	20.3
4 11	14 45.07	− 8 48.1	1.516	2.477	8.5	20.1
4 21	14 36.75	− 7 23.6	1.477	2.471	4.5	19.8
5 1	14 27.45	− 6 0.6	1.466	2.465	3.7	19.7
5 11	14 18.33	− 4 47.2	1.481	2.459	7.5	19.9
5 21	14 10.46	− 3 49.8	1.521	2.452	11.8	20.2
5 31	14 4.68	− 3 12.8	1.583	2.445	15.6	20.4

344006 2011 QD_{77} 4 29.7 295°.07 0°.9/ 1.0 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.57	−20 17.9	4.242	5.009	7.9	21.6
4 1	14 42.40	−20 8.7	4.131	4.997	6.3	21.5
4 11	14 38.21	−19 53.3	4.044	4.985	4.4	21.3
4 21	14 33.28	−19 32.4	3.985	4.973	2.4	21.2
5 1	14 27.97	−19 7.1	3.956	4.961	0.9	21.0
5 11	14 22.70	−18 39.3	3.956	4.949	2.4	21.1
5 21	14 17.85	−18 11.1	3.986	4.938	4.5	21.3
5 31	14 13.77	−17 44.5	4.043	4.926	6.4	21.4

423542 2005 UR_{240} 4 29.7 144°.52 1°.9/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.10	−10 58.4	2.302	3.101	12.8	22.2
4 1	14 51.22	−10 26.4	2.224	3.113	9.9	22.0
4 11	14 44.43	− 9 48.7	2.168	3.124	6.7	21.9
4 21	14 36.29	− 9 8.1	2.140	3.134	3.3	21.7
5 1	14 27.54	− 8 28.6	2.141	3.143	2.2	21.6
5 11	14 19.02	− 7 54.0	2.170	3.152	5.2	21.8
5 21	14 11.48	− 7 27.8	2.228	3.161	8.5	22.0
5 31	14 5.52	− 7 12.4	2.310	3.168	11.4	22.2

272846 2006 BK_{31} 4 29.7 143°.75 1°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.70	−19 3.4	2.103	2.890	14.2	21.2
4 1	14 51.29	−18 57.6	2.017	2.896	11.3	21.0
4 11	14 44.70	−18 40.7	1.954	2.901	7.9	20.8
4 21	14 36.49	−18 13.9	1.916	2.907	4.0	20.6
5 1	14 27.50	−17 39.5	1.905	2.912	1.0	20.4
5 11	14 18.71	−17 1.6	1.923	2.917	4.4	20.6
5 21	14 10.98	−16 24.6	1.968	2.921	8.2	20.9
5 31	14 5.03	−15 53.2	2.038	2.925	11.5	21.1

24285 1999 XC_{188} 4 29.7 248°.84 4°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.75	−27 47.2	2.381	3.125	13.9	19.2
4 1	14 52.28	−28 7.3	2.266	3.108	11.6	19.0
4 11	14 45.54	−28 13.6	2.172	3.090	8.9	18.7
4 21	14 37.00	−28 4.5	2.104	3.072	6.1	18.5
5 1	14 27.42	−27 39.8	2.062	3.053	4.2	18.4
5 11	14 17.77	−27 1.7	2.048	3.034	5.1	18.4
5 21	14 9.02	−26 14.5	2.063	3.014	8.0	18.5
5 31	14 1.97	−25 24.0	2.102	2.993	11.1	18.7

162634 2000 SH_{158} 4 29.7 155°.02 0°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.03	−14 58.1	1.877	2.675	15.3	20.9
4 1	14 54.08	−14 42.7	1.795	2.682	12.0	20.7
4 11	14 46.68	−14 17.9	1.735	2.689	8.2	20.5
4 21	14 37.46	−13 45.8	1.701	2.696	3.8	20.3
5 1	14 27.37	−13 9.6	1.694	2.701	0.9	20.0
5 11	14 17.53	−12 34.3	1.716	2.706	5.3	20.4
5 21	14 8.93	−12 4.5	1.764	2.711	9.4	20.6
5 31	14 2.34	−11 44.0	1.837	2.714	13.0	20.9

485986 2012 KF 4 29.7 0°.64 21°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 8.29	+27 20.9	1.095	1.880	24.7	20.4
4 1	15 2.92	+28 53.8	1.054	1.879	23.1	20.3
4 11	14 53.36	+29 51.9	1.028	1.879	21.9	20.2
4 21	14 40.75	+30 0.3	1.016	1.879	21.5	20.2
5 1	14 26.91	+29 8.8	1.021	1.879	22.0	20.2
5 11	14 13.96	+27 17.0	1.042	1.880	23.3	20.3
5 21	14 3.53	+24 33.7	1.079	1.880	25.1	20.4
5 31	13 56.64	+21 12.2	1.131	1.881	27.0	20.6

507013 2008 TP_{165} 4 29.7 128°.61 0°.4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.42	−13 12.0	4.168	4.949	7.8	22.7
4 1	14 45.22	−13 3.0	4.084	4.964	6.0	22.6
4 11	14 40.01	−12 50.4	4.026	4.977	4.0	22.5
4 21	14 34.10	−12 35.5	3.997	4.991	1.9	22.3
5 1	14 27.88	−12 19.7	3.998	5.004	0.6	22.2
5 11	14 21.77	−12 4.7	4.030	5.017	2.7	22.4
5 21	14 16.15	−11 52.1	4.091	5.030	4.8	22.6
5 31	14 11.35	−11 43.4	4.179	5.042	6.6	22.7

403225 2008 UT_{221} 4 29.7 123°.32 2°.2/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.38	−20 37.3	1.559	2.353	18.1	22.0
4 1	14 55.77	−20 50.5	1.482	2.363	14.5	21.7
4 11	14 48.16	−20 49.4	1.426	2.372	10.3	21.5
4 21	14 38.27	−20 33.7	1.392	2.381	5.6	21.3
5 1	14 27.26	−20 5.4	1.385	2.390	2.2	21.1
5 11	14 16.56	−19 29.1	1.404	2.398	5.5	21.3
5 21	14 7.42	−18 51.2	1.449	2.406	10.1	21.6
5 31	14 0.78	−18 18.2	1.517	2.414	14.2	21.8

215992 2005 SS_{126} 4 29.7 336°.38 0°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.16	−16 34.4	2.021	2.826	14.1	20.7
4 1	14 47.92	−16 24.6	1.929	2.820	11.1	20.5
4 11	14 42.54	−16 4.9	1.859	2.813	7.6	20.2
4 21	14 35.52	−15 37.1	1.813	2.807	3.7	20.0
5 1	14 27.66	−15 4.0	1.795	2.802	0.5	19.7
5 11	14 19.90	−14 29.8	1.804	2.797	4.7	20.0
5 21	14 13.12	−13 58.9	1.839	2.792	8.6	20.2
5 31	14 8.04	−13 35.3	1.898	2.788	12.1	20.4

426986 2014 BV_{17} 4 29.7 167°.76 4°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.66	− 4 38.1	2.317	3.132	12.2	21.0
4 1	14 47.80	− 3 40.1	2.237	3.134	9.5	20.9
4 11	14 42.16	− 2 39.6	2.182	3.136	6.7	20.7
4 21	14 35.24	− 1 41.1	2.153	3.137	4.5	20.5
5 1	14 27.72	− 0 49.6	2.152	3.138	4.6	20.5
5 11	14 20.37	− 0 9.7	2.179	3.139	6.9	20.7
5 21	14 13.90	+ 0 15.7	2.232	3.140	9.7	20.9
5 31	14 8.86	+ 0 25.2	2.308	3.140	12.3	21.0

381518 2008 SU_{192} 4 29.7 125°.87 1°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.61	−11 56.0	2.166	2.968	13.4	21.7
4 1	14 51.03	−11 40.3	2.087	2.977	10.4	21.5
4 11	14 44.41	−11 18.7	2.030	2.986	7.0	21.3
4 21	14 36.33	−10 53.5	2.000	2.995	3.3	21.1
5 1	14 27.56	−10 28.0	1.998	3.003	1.6	21.0
5 11	14 19.02	−10 5.7	2.024	3.011	5.0	21.2
5 21	14 11.49	− 9 50.0	2.077	3.018	8.5	21.5
5 31	14 5.62	− 9 43.4	2.155	3.026	11.7	21.7

311151 2004 SK_{26} 4 29.7 253°.01 8°.0/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.41	+ 5 11.8	1.830	2.629	15.6	20.5
4 1	14 59.43	+ 5 45.6	1.730	2.607	13.0	20.2
4 11	14 50.62	+ 6 13.2	1.651	2.584	10.2	20.0
4 21	14 39.51	+ 6 28.1	1.597	2.560	8.2	19.8
5 1	14 27.07	+ 6 23.9	1.571	2.535	8.4	19.8
5 11	14 14.56	+ 5 56.7	1.571	2.510	10.8	19.9
5 21	14 3.20	+ 5 5.7	1.597	2.483	14.1	20.0
5 31	13 54.00	+ 3 52.9	1.646	2.456	17.4	20.1

44189 1998 KW_{61} 4 29.7 272°.51 0°.4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.60	−17 52.9	1.752	2.555	16.1	19.8
4 1	14 52.03	−17 37.6	1.644	2.532	12.9	19.6
4 11	14 45.74	−17 8.8	1.556	2.509	9.0	19.3
4 21	14 37.23	−16 27.7	1.492	2.485	4.4	18.9
5 1	14 27.40	−15 37.1	1.454	2.462	0.6	18.6
5 11	14 17.46	−14 42.7	1.444	2.437	5.6	18.9
5 21	14 8.60	−13 50.8	1.459	2.413	10.4	19.1
5 31	14 1.83	−13 8.1	1.497	2.388	14.7	19.3

249326 2008 UU_{316} 4 29.7 31°.87 5°.2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.99	−30 40.6	2.076	2.823	15.7	21.0
4 1	14 50.32	−30 59.1	1.986	2.824	13.2	20.8
4 11	14 44.25	−30 59.9	1.915	2.826	10.3	20.6
4 21	14 36.36	−30 41.1	1.867	2.828	7.3	20.4
5 1	14 27.56	−30 3.1	1.845	2.830	5.3	20.3
5 11	14 18.92	−29 9.3	1.849	2.832	5.8	20.4
5 21	14 11.42	−28 5.4	1.880	2.834	8.4	20.5
5 31	14 5.87	−26 58.5	1.936	2.836	11.4	20.7

213042 1998 HJ_{96} 4 29.7 0.°39 3.°6/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.71	− 8 50.8	1.136	1.991	19.6	19.7
4 1	14 49.75	− 8 31.0	1.069	1.988	15.4	19.4
4 11	14 44.50	− 8 4.8	1.019	1.986	10.5	19.1
4 21	14 36.67	− 7 37.2	0.990	1.986	5.5	18.8
5 1	14 27.52	− 7 14.7	0.984	1.987	4.0	18.7
5 11	14 18.66	− 7 3.7	1.001	1.989	8.5	19.0
5 21	14 11.48	− 7 8.5	1.039	1.992	13.6	19.3
5 31	14 7.02	− 7 31.2	1.096	1.997	18.1	19.5

170188 2003 OE_{2} 4 29.7 273.°68 1.°6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.05	−13 3.5	1.604	2.422	16.6	20.8
4 1	14 52.55	−12 38.8	1.502	2.401	13.2	20.6
4 11	14 46.19	−12 3.5	1.421	2.380	9.0	20.3
4 21	14 37.48	−11 20.3	1.363	2.359	4.3	19.9
5 1	14 27.39	−10 33.8	1.331	2.337	2.0	19.7
5 11	14 17.21	− 9 50.3	1.326	2.314	6.7	19.9
5 21	14 8.19	− 9 16.0	1.345	2.292	11.7	20.2
5 31	14 1.40	− 8 55.8	1.386	2.269	16.1	20.4

176660 2002 OC_{11} 4 29.7 295.°95 0.°5/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.27	−16 7.4	1.516	2.337	17.3	20.6
4 1	14 50.60	−15 45.8	1.412	2.312	13.8	20.3
4 11	14 45.01	−15 10.2	1.328	2.288	9.5	19.9
4 21	14 36.97	−14 22.2	1.267	2.263	4.6	19.6
5 1	14 27.46	−13 26.1	1.231	2.238	1.0	19.3
5 11	14 17.82	−12 28.7	1.220	2.214	6.4	19.5
5 21	14 9.36	−11 37.6	1.234	2.189	11.7	19.8
5 31	14 3.21	−10 59.4	1.269	2.165	16.5	20.0

17450 1990 QO_{4} 4 29.7 286.°91 3.°8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.10	−25 35.7	2.207	2.969	14.4	18.3
4 1	14 51.07	−26 4.8	2.106	2.961	11.9	18.1
4 11	14 44.74	−26 21.3	2.026	2.953	8.9	17.9
4 21	14 36.64	−26 23.7	1.971	2.945	5.9	17.7
5 1	14 27.54	−26 12.1	1.942	2.937	3.8	17.5
5 11	14 18.46	−25 48.7	1.942	2.929	5.0	17.6
5 21	14 10.34	−25 17.5	1.967	2.922	8.1	17.8
5 31	14 3.99	−24 43.7	2.018	2.914	11.2	17.9

135503 2001 XH_{108} 4 29.7 205.°73 0.°7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.96	−19 17.0	2.502	3.277	12.6	21.0
4 1	14 51.23	−18 57.7	2.399	3.270	10.0	20.8
4 11	14 44.57	−18 27.7	2.318	3.263	6.9	20.6
4 21	14 36.45	−17 48.1	2.264	3.255	3.5	20.4
5 1	14 27.59	−17 1.4	2.240	3.247	0.8	20.1
5 11	14 18.81	−16 11.4	2.245	3.237	4.0	20.4
5 21	14 10.89	−15 22.6	2.278	3.227	7.5	20.6
5 31	14 4.47	−14 39.2	2.338	3.216	10.6	20.8

248176 2004 XQ_{123} 4 29.7 84.°39 1.°7/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.47	−21 18.1	1.958	2.745	15.1	20.4
4 1	14 50.48	−21 8.8	1.880	2.757	12.1	20.2
4 11	14 44.22	−20 46.0	1.823	2.768	8.5	20.0
4 21	14 36.30	−20 10.5	1.790	2.779	4.6	19.8
5 1	14 27.63	−19 25.4	1.785	2.791	1.7	19.6
5 11	14 19.22	−18 35.2	1.807	2.802	4.5	19.8
5 21	14 11.99	−17 45.5	1.857	2.813	8.3	20.1
5 31	14 6.63	−17 1.5	1.930	2.824	11.8	20.3

146443 2001 QQ_{333} 4 29.7 102.°24 5.°3/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.89	−30 56.7	1.873	2.621	17.1	20.2
4 1	14 52.75	−31 8.3	1.792	2.633	14.3	20.0
4 11	14 45.95	−30 59.5	1.731	2.644	11.1	19.8
4 21	14 37.18	−30 28.8	1.692	2.655	7.8	19.6
5 1	14 27.50	−29 36.9	1.679	2.666	5.5	19.5
5 11	14 18.13	−28 28.5	1.693	2.677	6.1	19.6
5 21	14 10.15	−27 10.9	1.732	2.687	8.9	19.7
5 31	14 4.37	−25 52.2	1.797	2.698	12.1	20.0

176706 2002 QD_{44} 4 29.7 216.°16 4.°0/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.55	− 6 10.2	1.964	2.778	14.2	20.8
4 1	14 52.10	− 5 26.2	1.875	2.771	11.1	20.6
4 11	14 45.36	− 4 38.2	1.808	2.764	7.8	20.3
4 21	14 36.90	− 3 50.7	1.767	2.756	4.7	20.1
5 1	14 27.55	− 3 9.1	1.754	2.747	4.4	20.1
5 11	14 18.31	− 2 38.2	1.768	2.738	7.3	20.3
5 21	14 10.12	− 2 21.9	1.808	2.729	10.9	20.4
5 31	14 3.74	− 2 21.8	1.871	2.719	14.2	20.6

458747 2011 QP_{47} 4 29.7 271.°90 2.°5/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.29	−29 31.7	4.623	5.343	8.0	21.3
4 1	14 42.95	−29 35.6	4.514	5.337	6.6	21.2
4 11	14 38.59	−29 31.0	4.427	5.331	5.1	21.1
4 21	14 33.50	−29 18.1	4.367	5.325	3.6	21.0
5 1	14 28.05	−28 57.2	4.336	5.319	2.6	20.9
5 11	14 22.64	−28 30.0	4.333	5.313	2.9	20.9
5 21	14 17.66	−27 58.2	4.360	5.307	4.2	21.0
5 31	14 13.45	−27 24.2	4.413	5.301	5.8	21.1

114168 2002 VK_{74} 4 29.7 354.°11 5.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.66	− 5 7.0	1.378	2.220	17.5	18.8
4 1	14 50.69	− 4 29.4	1.305	2.217	13.8	18.6
4 11	14 44.83	− 3 49.0	1.253	2.214	9.7	18.4
4 21	14 36.75	− 3 11.8	1.223	2.213	6.0	18.1
5 1	14 27.57	− 2 44.4	1.217	2.211	5.6	18.1
5 11	14 18.63	− 2 32.8	1.235	2.211	9.1	18.3
5 21	14 11.13	− 2 40.2	1.277	2.211	13.3	18.5
5 31	14 5.99	− 3 7.3	1.338	2.212	17.2	18.8

433923 2015 CU_{1} 4 29.7 41.°83 1.°1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.27	−18 39.0	1.668	2.474	16.6	20.9
4 1	14 50.72	−18 38.1	1.594	2.483	13.1	20.7
4 11	14 44.59	−18 24.7	1.540	2.493	9.1	20.4
4 21	14 36.55	−17 59.8	1.510	2.503	4.6	20.2
5 1	14 27.61	−17 26.6	1.506	2.513	1.1	20.0
5 11	14 18.96	−16 49.8	1.529	2.524	5.1	20.3
5 21	14 11.63	−16 15.1	1.577	2.535	9.4	20.5
5 31	14 6.42	−15 47.4	1.648	2.546	13.2	20.8

173307 1999 UK_{62} 4 29.7 121.°41 4.°2/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.74	−26 33.4	1.767	2.535	17.3	20.1
4 1	14 54.30	−26 52.5	1.686	2.544	14.2	19.9
4 11	14 47.09	−26 54.3	1.625	2.554	10.6	19.7
4 21	14 37.78	−26 37.2	1.587	2.563	6.9	19.5
5 1	14 27.44	−26 2.1	1.575	2.571	4.3	19.3
5 11	14 17.36	−25 13.2	1.590	2.579	5.7	19.4
5 21	14 8.70	−24 17.1	1.631	2.587	9.2	19.6
5 31	14 2.33	−23 21.3	1.695	2.595	12.8	19.9

338519 2003 QE_{61} 4 29.7 284.°04 7.°6/21.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.84	+ 1 45.7	2.001	2.825	13.5	21.3
4 1	14 48.54	+ 3 28.5	1.901	2.796	11.1	21.1
4 11	14 43.07	+ 5 14.1	1.825	2.766	8.8	20.9
4 21	14 35.88	+ 6 54.6	1.775	2.736	7.6	20.8
5 1	14 27.70	+ 8 21.4	1.752	2.706	8.5	20.8
5 11	14 19.47	+ 9 27.0	1.754	2.676	11.0	20.8
5 21	14 12.10	+10 7.1	1.780	2.645	13.9	21.0
5 31	14 6.37	+10 19.9	1.826	2.614	16.8	21.1

70281 1999 RB_{111} 4 29.7 55.°41 0.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.43	−19 36.9	1.378	2.197	18.8	18.0
4 1	14 50.42	−18 47.6	1.314	2.212	14.8	17.7
4 11	14 44.51	−17 39.4	1.269	2.227	10.1	17.5
4 21	14 36.51	−16 16.2	1.247	2.242	4.8	17.2
5 1	14 27.63	−14 45.0	1.251	2.258	0.7	17.0
5 11	14 19.24	−13 15.5	1.280	2.274	6.0	17.4
5 21	14 12.45	−11 56.6	1.334	2.290	10.9	17.7
5 31	14 8.07	−10 54.8	1.409	2.307	15.0	18.0

38470 1999 TL_{36} 4 29.7 216.°37 0.°1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.07	−15 20.0	3.920	4.699	8.3	20.2
4 1	14 45.15	−15 11.1	3.816	4.692	6.5	20.1
4 11	14 40.10	−14 57.4	3.736	4.685	4.4	19.9
4 21	14 34.23	−14 40.0	3.684	4.678	2.1	19.7
5 1	14 27.96	−14 20.3	3.663	4.670	0.3	19.5
5 11	14 21.73	−14 0.4	3.672	4.662	2.7	19.8
5 21	14 15.97	−13 42.1	3.710	4.654	5.0	19.9
5 31	14 11.06	−13 27.3	3.775	4.645	7.1	20.0

444773 2007 SC_{21} 4 29.7 203.°17 1.°5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.48	−23 38.7	4.153	4.902	8.4	22.5
4 1	14 44.67	−23 29.0	4.046	4.897	6.7	22.4
4 11	14 39.76	−23 11.6	3.962	4.892	4.9	22.3
4 21	14 34.07	−22 46.9	3.906	4.887	2.9	22.1
5 1	14 27.99	−22 16.1	3.880	4.881	1.5	22.0
5 11	14 21.97	−21 41.2	3.884	4.875	2.6	22.1
5 21	14 16.42	−21 4.3	3.917	4.869	4.5	22.2
5 31	14 11.72	−20 28.0	3.978	4.862	6.5	22.3

229546 2005 YQ_{124} 4 29.7 179.°76 1.°5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.46	−11 37.2	2.249	3.048	13.1	21.2
4 1	14 51.70	−11 18.8	2.160	3.049	10.2	21.0
4 11	14 44.92	−10 54.5	2.095	3.050	6.9	20.8
4 21	14 36.64	−10 26.7	2.056	3.050	3.3	20.6
5 1	14 27.62	− 9 58.6	2.045	3.050	1.7	20.5
5 11	14 18.74	− 9 34.0	2.064	3.049	5.0	20.7
5 21	14 10.83	− 9 16.0	2.110	3.048	8.6	20.9
5 31	14 4.53	− 9 7.4	2.180	3.046	11.7	21.1

275993 2001 XW_{134} 4 29.7 96.°12 1.°4/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.44	−22 40.0	3.513	4.272	9.6	21.5
4 1	14 45.50	−22 24.4	3.432	4.291	7.6	21.4
4 11	14 40.33	−22 0.2	3.375	4.310	5.4	21.3
4 21	14 34.33	−21 28.2	3.345	4.329	3.1	21.1
5 1	14 27.96	−20 50.3	3.344	4.348	1.4	21.0
5 11	14 21.76	−20 8.9	3.374	4.366	2.8	21.1
5 21	14 16.19	−19 26.9	3.432	4.384	5.1	21.3
5 31	14 11.63	−18 47.2	3.518	4.402	7.2	21.5

508118 2015 DC_{222} 4 29.7 336°.32 1°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.51	−19 23.8	1.709	2.513	16.3	21.0
4 1	14 50.32	−19 38.4	1.619	2.506	13.1	20.8
4 11	14 44.50	−19 41.2	1.548	2.499	9.3	20.6
4 21	14 36.62	−19 32.3	1.502	2.492	5.0	20.3
5 1	14 27.61	−19 13.2	1.480	2.486	1.8	20.1
5 11	14 18.67	−18 47.8	1.486	2.481	5.1	20.3
5 21	14 10.92	−18 21.1	1.516	2.476	9.5	20.5
5 31	14 5.27	−17 58.4	1.570	2.471	13.5	20.7

87811 2000 SO_{145} 4 29.7 140°.53 0°.9/28.4 18 R

3 22	14 47.50	−12 55.2	3.888	4.677	8.2	20.2
4 1	14 43.86	−12 19.2	3.802	4.686	6.3	20.0
4 11	14 39.17	−11 38.7	3.742	4.695	4.2	19.9
4 21	14 33.77	−10 55.6	3.710	4.704	2.0	19.7
5 1	14 28.05	−10 12.2	3.708	4.713	1.1	19.7
5 11	14 22.44	− 9 31.1	3.737	4.721	3.1	19.8
5 21	14 17.34	− 8 54.4	3.795	4.729	5.3	20.0
5 31	14 13.08	− 8 24.1	3.880	4.737	7.2	20.2

62986 2000 WM 4 29.7 241°.19 5°.0/26.1 17

3 22	14 55.93	− 5 24.7	1.717	2.540	15.4	19.6
4 1	14 52.01	− 4 24.9	1.628	2.529	12.2	19.4
4 11	14 45.53	− 3 19.8	1.560	2.517	8.6	19.2
4 21	14 37.08	− 2 15.5	1.518	2.505	5.6	19.0
5 1	14 27.56	− 1 18.9	1.502	2.492	5.5	18.9
5 11	14 18.13	− 0 36.7	1.512	2.479	8.7	19.1
5 21	14 9.86	− 0 13.3	1.547	2.465	12.5	19.3
5 31	14 3.61	− 0 11.0	1.604	2.451	16.1	19.4

520862 2014 WG_7 4 29.7 292°.31 25°.3/26.5 18

3 22	15 40.88	+27 48.7	0.955	1.700	30.1	23.0
4 1	15 32.96	+28 47.0	0.854	1.661	28.6	22.6
4 11	15 17.59	+29 11.3	0.765	1.622	26.9	22.3
4 21	14 54.37	+28 29.3	0.689	1.581	25.6	22.0
5 1	14 24.83	+26 2.4	0.632	1.540	25.5	21.7
5 11	13 52.98	+21 27.2	0.597	1.499	27.8	21.6
5 21	13 23.70	+14 57.2	0.587	1.457	32.5	21.6
5 31	13 0.55	+ 7 19.2	0.600	1.416	38.1	21.8

109561 2001 QO_{263} 4 29.7 84°.91 5°.0/ 4.1 18

3 22	14 55.65	−31 12.0	1.783	2.537	17.6	19.2
4 1	14 51.84	−31 4.2	1.705	2.550	14.7	19.0
4 11	14 45.34	−30 33.7	1.646	2.563	11.3	18.8
4 21	14 36.90	−29 39.5	1.609	2.576	7.7	18.6
5 1	14 27.60	−28 23.6	1.598	2.589	5.2	18.5
5 11	14 18.68	−26 52.4	1.614	2.602	5.9	18.6
5 21	14 11.22	−25 14.3	1.656	2.614	9.0	18.8
5 31	14 5.99	−23 38.7	1.722	2.627	12.4	19.0

499079 2009 FQ_3 4 29.8 77°.11 0°.9/28.9 17

3 22	14 54.05	−13 32.9	2.160	2.962	13.4	21.7
4 1	14 49.77	−13 12.9	2.090	2.980	10.4	21.5
4 11	14 43.53	−12 45.8	2.043	2.998	7.0	21.4
4 21	14 35.94	−12 14.0	2.021	3.016	3.3	21.1
5 1	14 27.76	−11 41.0	2.028	3.034	1.2	21.0
5 11	14 19.86	−11 10.6	2.063	3.052	4.7	21.3
5 21	14 13.00	−10 46.4	2.126	3.070	8.2	21.5
5 31	14 7.77	−10 31.1	2.212	3.088	11.2	21.8

301050 2008 TV_{177} 4 29.8 171°.35 4°.3/26.8 18

3 22	14 58.60	− 6 36.6	1.728	2.545	15.6	21.5
4 1	14 53.90	− 5 45.0	1.651	2.549	12.3	21.3
4 11	14 46.66	− 4 48.6	1.595	2.552	8.5	21.0
4 21	14 37.54	− 3 52.7	1.565	2.554	5.1	20.8
5 1	14 27.52	− 3 3.7	1.562	2.556	4.7	20.8
5 11	14 17.75	− 2 27.4	1.586	2.557	7.9	21.0
5 21	14 9.28	− 2 7.6	1.635	2.557	11.7	21.2
5 31	14 2.88	− 2 6.1	1.706	2.557	15.2	21.4

264698 2002 AF_{105} 4 29.8 349°.79 17°.4/16.3 17

3 22	14 44.91	+16 31.6	1.086	1.939	20.4	18.5
4 1	14 44.57	+18 32.8	1.034	1.923	18.7	18.3
4 11	14 41.06	+20 13.9	0.999	1.908	17.5	18.2
4 21	14 35.08	+21 20.1	0.980	1.896	17.5	18.2
5 1	14 27.87	+21 39.2	0.980	1.886	18.6	18.2
5 11	14 20.94	+21 5.9	0.995	1.878	20.6	18.3
5 21	14 15.61	+19 42.6	1.025	1.873	23.0	18.4
5 31	14 12.85	+17 36.7	1.069	1.871	25.4	18.6

127790 2003 FC_{72} 4 29.8 289°.09 1°.6/28.9 18

3 22	14 57.07	−12 6.8	1.433	2.258	17.9	19.5
4 1	14 53.82	−12 0.3	1.331	2.234	14.3	19.2
4 11	14 47.38	−11 45.6	1.250	2.211	9.8	18.8
4 21	14 38.22	−11 24.7	1.191	2.187	4.8	18.5
5 1	14 27.39	−11 1.5	1.157	2.163	2.0	18.2
5 11	14 16.33	−10 41.7	1.148	2.139	7.2	18.5
5 21	14 6.53	−10 30.5	1.163	2.115	12.6	18.7
5 31	13 59.22	−10 32.6	1.199	2.091	17.5	18.9

100515 1997 AM_{24} 4 29.8 347°.50 0°.4/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.93	−17 31.8	2.217	3.013	13.3	20.1
4 1	14 48.30	−17 17.5	2.127	3.012	10.5	19.9
4 11	14 42.69	−16 53.3	2.059	3.011	7.2	19.7
4 21	14 35.61	−16 20.7	2.017	3.011	3.5	19.5
5 1	14 27.80	−15 42.5	2.003	3.010	0.5	19.2
5 11	14 20.13	−15 2.9	2.016	3.010	4.3	19.5
5 21	14 13.38	−14 26.0	2.057	3.009	7.9	19.7
5 31	14 8.21	−13 55.8	2.122	3.009	11.2	19.9

504535 2008 SX_{46} 4 29.8 215°.75 2°.0/27.9 17

3 22	14 53.09	−11 55.9	2.363	3.166	12.4	23.0
4 1	14 49.04	−11 6.2	2.267	3.159	9.7	22.8
4 11	14 43.11	−10 8.5	2.195	3.151	6.5	22.6
4 21	14 35.80	− 9 6.2	2.149	3.143	3.3	22.4
5 1	14 27.78	− 8 3.7	2.132	3.134	2.3	22.3
5 11	14 19.88	− 7 6.1	2.144	3.125	5.3	22.5
5 21	14 12.81	− 6 17.7	2.184	3.116	8.7	22.7
5 31	14 7.22	− 5 41.9	2.248	3.106	11.8	22.8

470086 2006 SH_{383} 4 29.8 39°.76 4°.1/25.9 17

3 22	14 50.40	− 5 48.8	2.124	2.945	12.9	21.4
4 1	14 47.03	− 4 44.7	2.047	2.948	10.1	21.3
4 11	14 41.76	− 3 36.8	1.994	2.951	7.0	21.1
4 21	14 35.14	− 2 30.2	1.967	2.953	4.6	20.9
5 1	14 27.88	− 1 30.5	1.967	2.956	4.6	20.9
5 11	14 20.82	− 0 42.9	1.995	2.959	7.1	21.1
5 21	14 14.69	− 0 10.9	2.048	2.962	10.2	21.3
5 31	14 10.09	+ 0 3.8	2.125	2.965	13.0	21.5

416281 2003 KZ_{27} 4 29.8 331°.80 6°.8/25.9 17

3 22	14 47.25	− 5 28.9	1.042	1.912	19.8	19.9
4 1	14 46.72	− 4 28.8	0.963	1.891	15.8	19.6
4 11	14 42.82	− 3 20.6	0.901	1.870	11.3	19.2
4 21	14 36.11	− 2 12.9	0.860	1.851	7.5	18.9
5 1	14 27.73	− 1 17.0	0.839	1.834	7.6	18.9
5 11	14 19.35	− 0 43.4	0.840	1.817	11.8	19.0
5 21	14 12.54	− 0 38.6	0.859	1.803	16.9	19.2
5 31	14 8.53	− 1 4.8	0.895	1.790	21.7	19.5

468419 1999 TV_{20} 4 29.8 240°.59 1°.6/28.2 18

3 22	14 53.82	−12 55.0	2.531	3.326	11.9	22.2
4 1	14 49.57	−12 7.9	2.421	3.308	9.3	22.0
4 11	14 43.49	−11 12.2	2.334	3.289	6.3	21.8
4 21	14 36.01	−10 10.6	2.275	3.269	3.1	21.6
5 1	14 27.78	− 9 7.3	2.245	3.249	1.9	21.4
5 11	14 19.56	− 8 7.0	2.245	3.228	5.0	21.6
5 21	14 12.09	− 7 14.1	2.273	3.206	8.4	21.8
5 31	14 6.01	− 6 32.4	2.326	3.183	11.4	22.0

150054 2006 QO_{62} 4 29.8 187°.43 0°.2/29.9 18

3 22	14 58.11	−16 48.1	2.108	2.895	14.2	20.9
4 1	14 53.25	−16 36.2	2.015	2.895	11.2	20.7
4 11	14 46.12	−16 14.4	1.944	2.894	7.7	20.5
4 21	14 37.29	−15 44.2	1.899	2.893	3.7	20.3
5 1	14 27.60	−15 8.1	1.883	2.890	0.5	20.0
5 11	14 18.03	−14 30.5	1.895	2.887	4.7	20.3
5 21	14 9.52	−13 55.8	1.935	2.884	8.6	20.5
5 31	14 2.81	−13 28.2	2.000	2.879	12.1	20.7

422664 1999 TP_{14} 4 29.8 254°.72 1°.7/30.9 17

3 22	14 57.65	−20 47.9	1.911	2.695	15.6	21.8
4 1	14 53.49	−20 46.1	1.800	2.675	12.6	21.6
4 11	14 46.68	−20 30.8	1.710	2.655	9.0	21.3
4 21	14 37.73	−20 1.9	1.645	2.634	4.9	21.0
5 1	14 27.51	−19 20.9	1.606	2.612	1.7	20.7
5 11	14 17.20	−18 32.1	1.595	2.589	5.1	20.9
5 21	14 7.92	−17 41.4	1.611	2.566	9.5	21.1
5 31	14 0.65	−16 55.2	1.651	2.542	13.6	21.3

100943 1998 OH_4 4 29.8 245°.62 3°.8/26.8 18

3 22	14 54.71	− 8 10.6	1.830	2.650	14.8	20.4
4 1	14 50.92	− 7 15.1	1.738	2.638	11.6	20.1
4 11	14 44.74	− 6 12.5	1.667	2.626	8.0	19.9
4 21	14 36.71	− 5 7.5	1.622	2.613	4.6	19.6
5 1	14 27.70	− 4 6.5	1.604	2.600	4.3	19.6
5 11	14 18.76	− 3 16.0	1.612	2.586	7.5	19.7
5 21	14 10.89	− 2 40.9	1.647	2.572	11.4	19.9
5 31	14 4.91	− 2 24.1	1.703	2.558	15.0	20.1

178151 Kulangsu 4 29.8 84°.47 2°.2/28.1 18

3 22	14 54.22	− 8 41.1	2.289	3.096	12.6	20.2
4 1	14 49.86	− 8 26.7	2.210	3.103	9.8	20.0
4 11	14 43.62	− 8 9.1	2.154	3.111	6.6	19.8
4 21	14 36.03	− 7 50.9	2.125	3.118	3.4	19.6
5 1	14 27.81	− 7 35.1	2.123	3.125	2.4	19.6
5 11	14 19.77	− 7 24.9	2.151	3.132	5.3	19.8
5 21	14 12.67	− 7 22.5	2.205	3.139	8.5	20.0
5 31	14 7.08	− 7 29.8	2.283	3.146	11.4	20.2

35045 1981 EB_{42} 4 29.8 101°.26 1°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.79	−12 40.5	2.382	3.186	12.3	20.0
4 1	14 47.90	−12 4.8	2.304	3.195	9.5	19.9
4 11	14 42.25	−11 22.2	2.248	3.205	6.4	19.7
4 21	14 35.36	−10 35.7	2.220	3.215	3.0	19.5
5 1	14 27.91	− 9 49.1	2.219	3.224	1.7	19.4
5 11	14 20.66	− 9 6.4	2.248	3.233	4.7	19.6
5 21	14 14.30	− 8 31.4	2.304	3.242	7.9	19.8
5 31	14 9.37	− 8 6.6	2.384	3.251	10.8	20.0

310633 2002 CP_{128} 4 29.8 358°.69 3°.4/ 1.7 17

3 22	14 53.92	−22 48.3	1.285	2.100	20.1	20.5
4 1	14 51.52	−23 5.3	1.208	2.098	16.4	20.2
4 11	14 45.79	−23 3.6	1.148	2.097	11.9	19.9
4 21	14 37.40	−22 42.0	1.109	2.096	7.0	19.6
5 1	14 27.60	−22 2.4	1.093	2.096	3.4	19.4
5 11	14 18.00	−21 10.6	1.101	2.097	6.3	19.6
5 21	14 10.07	−20 15.2	1.132	2.098	11.2	19.9
5 31	14 4.90	−19 25.0	1.184	2.100	15.9	20.1

179547 2002 CN_{295} 4 29.8 322°.19 2°.6/ 1.8 18

3 22	14 52.31	−22 48.5	2.160	2.940	14.1	20.1
4 1	14 48.87	−23 0.3	2.061	2.931	11.5	19.9
4 11	14 43.27	−23 0.0	1.983	2.922	8.3	19.7
4 21	14 35.99	−22 47.2	1.929	2.913	5.0	19.5
5 1	14 27.81	−22 23.1	1.903	2.905	2.6	19.3
5 11	14 19.67	−21 50.7	1.904	2.897	4.5	19.4
5 21	14 12.48	−21 14.5	1.932	2.889	7.9	19.6
5 31	14 6.97	−20 39.5	1.984	2.882	11.3	19.8

251795 1999 TU_2 4 29.8 201°.11 0°.9/30.4 16 R

3 22	14 59.13	−18 6.0	2.020	2.805	14.8	21.7
4 1	14 54.25	−18 8.1	1.924	2.802	11.8	21.5
4 11	14 46.94	−18 0.0	1.850	2.798	8.2	21.2
4 21	14 37.75	−17 42.2	1.801	2.793	4.2	21.0
5 1	14 27.56	−17 16.5	1.780	2.787	1.0	20.7
5 11	14 17.46	−16 46.8	1.788	2.781	4.7	21.0
5 21	14 8.44	−16 17.4	1.823	2.774	8.8	21.2
5 31	14 1.34	−15 53.2	1.883	2.767	12.5	21.4

497790 2006 SD_{400} 4 29.8 272°.06 5°.5/ 3.8 18

3 22	14 56.95	−30 42.3	1.854	2.604	17.2	21.2
4 1	14 53.37	−30 52.9	1.736	2.578	14.6	21.0
4 11	14 46.87	−30 43.0	1.636	2.551	11.5	20.7
4 21	14 37.94	−30 9.2	1.559	2.524	8.1	20.4
5 1	14 27.53	−29 10.6	1.507	2.496	5.7	20.2
5 11	14 16.95	−27 50.4	1.482	2.468	6.5	20.2
5 21	14 7.52	−26 16.1	1.482	2.439	10.0	20.3
5 31	14 0.36	−24 37.7	1.507	2.410	13.9	20.5

242365 2004 CM_{27} 4 29.8 74°.20 1°.3/28.7 17 R

3 22	14 53.91	−12 53.5	2.065	2.872	13.8	20.7
4 1	14 49.75	−12 26.3	1.996	2.890	10.7	20.5
4 11	14 43.59	−11 51.9	1.951	2.908	7.2	20.3
4 21	14 36.02	−11 13.3	1.930	2.926	3.4	20.1
5 1	14 27.84	−10 34.3	1.938	2.944	1.6	20.0
5 11	14 19.98	− 9 59.3	1.974	2.962	5.0	20.3
5 21	14 13.18	− 9 31.9	2.037	2.979	8.6	20.5
5 31	14 8.07	− 9 15.1	2.123	2.997	11.7	20.7

235185 2003 SE_{94} 4 29.8 236°.21 3°.7/26.9 18

3 22	14 53.79	− 6 14.9	2.062	2.878	13.5	20.5
4 1	14 49.83	− 5 35.7	1.976	2.874	10.6	20.3
4 11	14 43.79	− 4 53.0	1.913	2.869	7.3	20.1
4 21	14 36.19	− 4 11.2	1.875	2.865	4.4	19.9
5 1	14 27.81	− 3 34.9	1.866	2.860	4.1	19.9
5 11	14 19.57	− 3 8.6	1.883	2.855	6.8	20.1
5 21	14 12.30	− 2 55.5	1.927	2.850	10.2	20.3
5 31	14 6.69	− 2 57.3	1.993	2.845	13.3	20.4

341052 2007 HW_1 4 29.8 302°.72 0°.4/30.3 18

3 22	14 45.66	−17 32.5	4.466	5.241	7.4	21.4
4 1	14 42.42	−17 25.4	4.365	5.238	5.8	21.3
4 11	14 38.24	−17 13.4	4.288	5.235	4.0	21.1
4 21	14 33.39	−16 57.4	4.240	5.231	2.0	21.0
5 1	14 28.21	−16 38.6	4.221	5.228	0.4	20.8
5 11	14 23.08	−16 18.8	4.233	5.225	2.3	21.0
5 21	14 18.35	−15 59.5	4.273	5.222	4.3	21.1
5 31	14 14.34	−15 42.4	4.341	5.219	6.1	21.3

91504 1999 RZ_{153} 4 29.8 302°.68 6°.7/ 4.4 18

3 22	14 56.50	−31 49.4	1.874	2.619	17.2	19.2
4 1	14 52.85	−32 35.4	1.779	2.613	14.7	19.0
4 11	14 46.36	−33 3.5	1.703	2.607	11.7	18.8
4 21	14 37.61	−33 10.1	1.649	2.602	8.8	18.6
5 1	14 27.59	−32 53.5	1.619	2.596	6.8	18.4
5 11	14 17.59	−32 15.7	1.615	2.591	7.3	18.4
5 21	14 8.85	−31 22.4	1.636	2.585	9.8	18.6
5 31	14 2.37	−30 21.2	1.680	2.580	12.9	18.7

292411 2006 SF_{290} 4 29.8 270°.48 2°.7/27.9 18

	h m	° ′			°	m
3 22	14 55.56	−10 16.9	1.664	2.485	16.0	21.0
4 1	14 51.95	− 9 45.5	1.569	2.470	12.6	20.8
4 11	14 45.67	− 9 6.1	1.495	2.455	8.6	20.5
4 21	14 37.25	− 8 22.6	1.445	2.440	4.4	20.2
5 1	14 27.65	− 7 40.1	1.421	2.424	3.1	20.1
5 11	14 18.06	− 7 4.7	1.424	2.408	7.1	20.3
5 21	14 9.63	− 6 41.3	1.452	2.392	11.5	20.5
5 31	14 3.30	− 6 33.7	1.502	2.376	15.6	20.7

111891 2002 FV_1 4 29.8 141°.70 0°.3/30.0 18

3 22	14 57.56	−14 59.5	2.695	3.474	11.7	19.3
4 1	14 52.27	−15 18.4	2.604	3.480	9.2	19.1
4 11	14 45.19	−15 32.2	2.537	3.485	6.3	18.9
4 21	14 36.79	−15 41.4	2.498	3.490	3.1	18.7
5 1	14 27.74	−15 46.8	2.488	3.496	0.5	18.5
5 11	14 18.80	−15 50.5	2.509	3.501	3.7	18.8
5 21	14 10.66	−15 54.3	2.558	3.505	6.9	19.0
5 31	14 3.93	−16 0.7	2.634	3.510	9.7	19.2

150279 1999 TG_{49} 4 29.8 220°.67 0°.8/28.9 18

3 22	14 51.66	−13 41.2	2.959	3.749	10.5	21.3
4 1	14 47.57	−13 17.0	2.856	3.740	8.2	21.1
4 11	14 41.97	−12 46.7	2.778	3.732	5.5	20.9
4 21	14 35.26	−12 12.1	2.728	3.722	2.6	20.7
5 1	14 27.98	−11 35.7	2.707	3.713	1.0	20.6
5 11	14 20.76	−11 0.7	2.716	3.703	3.8	20.8
5 21	14 14.19	−10 30.1	2.753	3.693	6.8	20.9
5 31	14 8.78	−10 6.4	2.816	3.682	9.4	21.1

211185 2002 JT_{114} 4 29.8 301°.84 6°.2/25.6 17

3 22	14 52.73	− 4 36.0	1.427	2.268	17.1	20.1
4 1	14 50.08	− 3 29.9	1.341	2.252	13.6	19.8
4 11	14 44.57	− 2 18.0	1.276	2.236	9.7	19.5
4 21	14 36.80	− 1 7.7	1.234	2.220	6.6	19.3
5 1	14 27.76	− 0 7.7	1.216	2.205	6.8	19.3
5 11	14 18.78	+ 0 33.6	1.223	2.190	10.2	19.4
5 21	14 11.08	+ 0 51.3	1.252	2.175	14.4	19.6
5 31	14 5.68	+ 0 43.3	1.300	2.160	18.4	19.8

429183 2009 WZ_6 4 29.8 260°.30 1°.2/28.9 18

3 22	14 56.03	−13 2.7	1.981	2.785	14.4	21.7
4 1	14 51.94	−12 46.4	1.877	2.768	11.4	21.5
4 11	14 45.48	−12 22.2	1.795	2.751	7.7	21.2
4 21	14 37.15	−11 52.1	1.738	2.733	3.7	20.9
5 1	14 27.75	−11 19.6	1.709	2.715	1.5	20.7
5 11	14 18.32	−10 49.0	1.707	2.696	5.5	21.0
5 21	14 9.85	−10 24.8	1.732	2.677	9.7	21.2
5 31	14 3.20	−10 10.7	1.781	2.658	13.5	21.4

499511 2010 OF_{88} 4 29.8 288°.59 1°.0/30.3 17

3 22	14 57.86	−17 13.7	1.578	2.385	17.3	21.7
4 1	14 54.40	−17 25.5	1.465	2.355	14.0	21.4
4 11	14 47.83	−17 26.6	1.372	2.325	9.9	21.1
4 21	14 38.55	−17 16.8	1.301	2.294	5.1	20.7
5 1	14 27.52	−16 57.5	1.256	2.264	1.1	20.3
5 11	14 16.11	−16 32.5	1.238	2.232	6.0	20.6
5 21	14 5.78	−16 7.3	1.244	2.201	11.4	20.8
5 31	13 57.81	−15 48.2	1.272	2.170	16.3	21.0

42354 Kindleberger 4 29.8 90°.29 8°.1/24.2 17

3 22	14 56.64	+ 5 53.0	1.862	2.677	14.7	18.8
4 1	14 52.11	+ 6 47.0	1.798	2.683	12.1	18.6
4 11	14 45.32	+ 7 34.2	1.756	2.689	9.7	18.5
4 21	14 36.92	+ 8 7.9	1.739	2.695	8.2	18.4
5 1	14 27.81	+ 8 22.7	1.747	2.701	8.6	18.5
5 11	14 19.00	+ 8 15.1	1.780	2.706	10.5	18.6
5 21	14 11.39	+ 7 44.9	1.837	2.712	13.1	18.8
5 31	14 5.64	+ 6 54.0	1.914	2.718	15.6	18.9

78439 2002 RV_7 4 29.8 283°.02 0°.1/29.8 18

3 22	14 55.63	−16 17.5	1.637	2.448	16.6	20.0
4 1	14 52.28	−16 9.0	1.533	2.427	13.3	19.7
4 11	14 46.11	−15 48.7	1.450	2.406	9.2	19.4
4 21	14 37.60	−15 17.8	1.390	2.384	4.5	19.1
5 1	14 27.69	−14 39.4	1.355	2.363	0.6	18.7
5 11	14 17.67	−13 58.7	1.347	2.341	5.9	19.1
5 21	14 8.79	−13 21.9	1.364	2.319	10.9	19.3
5 31	14 2.11	−12 54.7	1.404	2.297	15.3	19.5

267361 2001 XB_{42} 4 29.8 207°.76 6°.9/ 5.6 17

3 22	14 59.38	−35 56.6	2.270	2.972	15.6	20.7
4 1	14 54.70	−36 34.3	2.168	2.968	13.6	20.5
4 11	14 47.42	−36 53.9	2.085	2.962	11.2	20.3
4 21	14 38.10	−36 51.8	2.024	2.956	8.8	20.2
5 1	14 27.65	−36 26.3	1.989	2.950	7.2	20.1
5 11	14 17.24	−35 39.2	1.980	2.943	7.2	20.1
5 21	14 7.98	−34 35.5	1.998	2.936	9.0	20.1
5 31	14 0.77	−33 22.5	2.041	2.928	11.5	20.3

513138 2002 CY_{58} 4 29.8 216°.53 9°.0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 21.58	−29 19.3	1.117	1.878	25.7	23.7
4 1	15 15.82	−30 31.5	1.018	1.867	22.0	23.4
4 11	15 4.34	−31 25.1	0.934	1.853	17.5	23.0
4 21	14 47.30	−31 48.4	0.869	1.836	12.5	22.7
5 1	14 26.26	−31 29.9	0.826	1.815	9.1	22.4
5 11	14 4.25	−30 27.2	0.809	1.792	11.1	22.4
5 21	13 44.60	−28 51.1	0.814	1.765	16.7	22.6
5 31	13 29.86	−27 2.6	0.840	1.734	22.8	22.8

362004 2008 UM_{144} 4 29.8 121°.79 0°.5/29.5 18

3 22	14 58.82	−16 29.1	1.615	2.421	17.1	21.7
4 1	14 54.28	−15 58.4	1.544	2.435	13.4	21.5
4 11	14 47.03	−15 14.8	1.493	2.448	9.1	21.2
4 21	14 37.81	−14 21.2	1.466	2.461	4.3	21.0
5 1	14 27.71	−13 22.5	1.466	2.473	0.9	20.7
5 11	14 17.99	−12 25.4	1.493	2.485	5.7	21.1
5 21	14 9.74	−11 36.2	1.547	2.496	10.2	21.4
5 31	14 3.76	−10 59.8	1.623	2.507	14.1	21.7

419408 2010 AS_{59} 4 29.8 90°.29 3°.7/27.0 18

3 22	14 57.65	− 5 7.4	2.083	2.891	13.6	21.6
4 1	14 52.50	− 4 35.3	2.024	2.917	10.6	21.4
4 11	14 45.37	− 4 2.1	1.988	2.941	7.3	21.3
4 21	14 36.87	− 3 31.7	1.978	2.965	4.4	21.1
5 1	14 27.85	− 3 8.1	1.996	2.989	4.0	21.1
5 11	14 19.21	− 2 54.8	2.043	3.013	6.5	21.3
5 21	14 11.71	− 2 53.7	2.116	3.036	9.6	21.6
5 31	14 5.93	− 3 5.6	2.213	3.058	12.4	21.8

173984 2001 XS_{148} 4 29.8 101°.49 2°.4/27.5 17

3 22	14 53.12	− 8 29.1	2.520	3.324	11.7	21.0
4 1	14 48.76	− 7 54.6	2.449	3.341	9.0	20.9
4 11	14 42.77	− 7 16.6	2.403	3.359	6.1	20.7
4 21	14 35.63	− 6 38.3	2.384	3.375	3.3	20.6
5 1	14 28.02	− 6 3.1	2.393	3.392	2.7	20.5
5 11	14 20.64	− 5 34.6	2.432	3.408	5.1	20.7
5 21	14 14.13	− 5 15.3	2.498	3.424	8.0	20.9
5 31	14 8.98	− 5 6.9	2.588	3.440	10.6	21.1

238800 2005 LL_{27} 4 29.8 304°.49 3°.3/27.1 16

3 22	14 50.65	− 9 7.1	1.927	2.751	14.0	21.2
4 1	14 47.75	− 8 17.3	1.825	2.728	11.0	21.0
4 11	14 42.65	− 7 19.7	1.745	2.706	7.6	20.7
4 21	14 35.80	− 6 18.5	1.690	2.683	4.2	20.5
5 1	14 27.98	− 5 19.6	1.663	2.661	3.7	20.4
5 11	14 20.16	− 4 28.9	1.662	2.639	7.0	20.5
5 21	14 13.24	− 3 51.6	1.686	2.617	10.8	20.7
5 31	14 8.02	− 3 31.1	1.732	2.596	14.4	20.9

296979 2010 EV_{101} 4 29.8 322°.93 3°.9/ 2.3 17

3 22	14 52.62	−24 32.8	1.734	2.522	16.8	20.4
4 1	14 49.87	−24 57.8	1.634	2.506	13.8	20.2
4 11	14 44.42	−25 7.7	1.553	2.491	10.3	19.9
4 21	14 36.77	−25 0.9	1.495	2.476	6.6	19.6
5 1	14 27.85	−24 37.7	1.462	2.461	3.9	19.4
5 11	14 18.88	−24 1.3	1.455	2.447	5.7	19.5
5 21	14 11.05	−23 17.2	1.472	2.434	9.6	19.7
5 31	14 5.36	−22 32.6	1.513	2.421	13.5	19.9

398086 2009 KY_{13} 4 29.8 252°.60 4°.5/25.6 18

3 22	14 52.84	− 1 3.8	2.554	3.363	11.4	21.4
4 1	14 48.70	− 0 26.9	2.463	3.353	9.1	21.2
4 11	14 42.86	+ 0 9.4	2.395	3.343	6.6	21.0
4 21	14 35.76	+ 0 41.2	2.355	3.332	4.8	20.9
5 1	14 28.02	+ 1 4.8	2.342	3.322	4.9	20.9
5 11	14 20.36	+ 1 16.7	2.357	3.311	6.8	21.0
5 21	14 13.44	+ 1 15.1	2.399	3.300	9.4	21.1
5 31	14 7.85	+ 0 59.3	2.465	3.289	11.9	21.3

420679 2012 KT_{15} 4 29.8 167°.75 8°.0/24.1 17

3 22	14 57.04	+ 5 32.7	1.899	2.712	14.6	20.6
4 1	14 52.45	+ 6 29.1	1.829	2.714	12.0	20.4
4 11	14 45.60	+ 7 19.4	1.782	2.715	9.5	20.3
4 21	14 37.11	+ 7 57.1	1.759	2.716	8.1	20.2
5 1	14 27.85	+ 8 16.3	1.763	2.717	8.5	20.2
5 11	14 18.85	+ 8 13.3	1.791	2.718	10.5	20.3
5 21	14 11.00	+ 7 47.6	1.844	2.718	13.1	20.5
5 31	14 5.00	+ 7 0.7	1.917	2.719	15.6	20.6

184984 2006 CQ_{31} 4 29.8 294°.45 0°.9/28.3 18

3 22	14 44.79	−11 36.1	4.301	5.095	7.4	20.2
4 1	14 41.80	−11 9.1	4.202	5.089	5.7	20.1
4 11	14 37.87	−10 38.7	4.129	5.083	3.8	20.0
4 21	14 33.28	−10 6.5	4.083	5.078	1.8	19.8
5 1	14 28.38	− 9 34.3	4.068	5.072	1.1	19.7
5 11	14 23.52	− 9 4.2	4.083	5.066	2.9	19.9
5 21	14 19.07	− 8 38.0	4.126	5.060	4.9	20.0
5 31	14 15.33	− 8 17.3	4.196	5.054	6.7	20.1

33775 1999 RZ_{151} 4 29.8 323°.01 3°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.93	−23 47.6	2.174	2.946	14.3	18.5
4 1	14 50.19	−24 10.1	2.076	2.940	11.7	18.3
4 11	14 44.22	−24 20.7	2.000	2.934	8.6	18.1
4 21	14 36.53	−24 18.4	1.948	2.928	5.4	17.9
5 1	14 27.92	−24 3.8	1.923	2.923	3.1	17.8
5 11	14 19.34	−23 39.5	1.926	2.917	4.7	17.9
5 21	14 11.72	−23 9.6	1.955	2.912	7.9	18.0
5 31	14 5.83	−22 39.0	2.009	2.907	11.2	18.2

63582 2001 QL_{30} 4 29.8 155°.45 0°.7/28.9 18

3 22	14 52.49	−14 1.0	3.166	3.950	10.0	20.7
4 1	14 48.02	−13 31.4	3.078	3.959	7.8	20.6
4 11	14 42.17	−12 55.9	3.016	3.967	5.2	20.4
4 21	14 35.36	−12 16.5	2.981	3.975	2.4	20.2
5 1	14 28.10	−11 35.6	2.977	3.983	0.9	20.1
5 11	14 20.99	−10 56.5	3.003	3.989	3.6	20.3
5 21	14 14.55	−10 21.8	3.058	3.996	6.2	20.5
5 31	14 9.22	− 9 54.0	3.139	4.001	8.6	20.7

461483 2002 RJ_{291} 4 29.8 299°.98 0°.3/29.7 17

3 22	14 57.45	−13 46.4	1.498	2.316	17.5	21.2
4 1	14 53.96	−14 1.1	1.401	2.300	14.0	20.9
4 11	14 47.40	−14 8.5	1.325	2.283	9.7	20.6
4 21	14 38.30	−14 9.5	1.271	2.267	4.7	20.3
5 1	14 27.66	−14 6.3	1.243	2.250	0.8	20.0
5 11	14 16.92	−14 2.6	1.241	2.235	6.2	20.3
5 21	14 7.44	−14 2.5	1.263	2.219	11.4	20.5
5 31	14 0.39	−14 10.2	1.307	2.204	16.0	20.8

278371 2007 LK_{7} 4 29.8 230°.14 1°.4/28.5 18

3 22	14 53.70	−13 20.4	2.216	3.018	13.1	21.6
4 1	14 49.74	−12 41.4	2.118	3.009	10.3	21.4
4 11	14 43.76	−11 53.7	2.043	2.999	7.0	21.2
4 21	14 36.26	−11 0.0	1.995	2.989	3.3	20.9
5 1	14 27.97	−10 4.5	1.974	2.979	1.7	20.8
5 11	14 19.76	− 9 12.1	1.982	2.968	5.2	21.0
5 21	14 12.44	− 8 27.5	2.018	2.957	8.9	21.2
5 31	14 6.70	− 7 54.5	2.078	2.946	12.2	21.4

507463 2012 TY_{168} 4 29.8 244°.60 2°.3/27.9 17

3 22	14 54.23	− 9 21.8	2.189	2.997	13.1	21.7
4 1	14 50.14	− 8 58.1	2.096	2.990	10.2	21.5
4 11	14 44.02	− 8 29.8	2.026	2.983	6.9	21.3
4 21	14 36.38	− 7 59.7	1.983	2.976	3.6	21.1
5 1	14 27.95	− 7 31.5	1.967	2.969	2.6	21.0
5 11	14 19.62	− 7 9.0	1.979	2.961	5.6	21.2
5 21	14 12.18	− 6 55.5	2.019	2.953	9.1	21.4
5 31	14 6.33	− 6 53.3	2.082	2.946	12.3	21.6

210424 2008 AO_{7} 4 29.8 304°.07 1°.2/28.8 17

3 22	14 51.70	−13 7.0	2.182	2.989	13.1	20.3
4 1	14 48.19	−12 40.4	2.090	2.984	10.3	20.1
4 11	14 42.71	−12 6.1	2.022	2.979	6.9	19.9
4 21	14 35.75	−11 26.8	1.979	2.974	3.3	19.7
5 1	14 28.04	−10 46.0	1.963	2.969	1.5	19.5
5 11	14 20.45	−10 8.2	1.976	2.964	5.0	19.8
5 21	14 13.75	− 9 37.3	2.015	2.959	8.6	20.0
5 31	14 8.61	− 9 16.6	2.079	2.954	11.8	20.2

427956 2005 XS_{50} 4 29.8 165°.65 3°.8/26.7 17

3 22	14 57.75	− 3 37.3	2.402	3.203	12.3	22.2
4 1	14 52.51	− 3 7.0	2.321	3.209	9.6	22.0
4 11	14 45.41	− 2 36.2	2.264	3.214	6.8	21.8
4 21	14 36.96	− 2 8.5	2.234	3.218	4.4	21.7
5 1	14 27.89	− 1 47.6	2.233	3.222	4.1	21.7
5 11	14 19.00	− 1 36.6	2.261	3.225	6.4	21.8
5 21	14 11.03	− 1 37.5	2.316	3.227	9.2	22.0
5 31	14 4.58	− 1 51.2	2.396	3.229	11.9	22.2

96012 2004 PP_{6} 4 29.8 213°.79 3°.9/26.9 17

3 22	14 57.51	− 7 58.2	1.830	2.644	15.0	21.4
4 1	14 53.12	− 7 1.9	1.740	2.637	11.8	21.1
4 11	14 46.26	− 5 58.6	1.672	2.629	8.2	20.9
4 21	14 37.52	− 4 53.4	1.630	2.620	4.7	20.7
5 1	14 27.80	− 3 52.6	1.615	2.611	4.3	20.6
5 11	14 18.19	− 3 2.6	1.628	2.600	7.6	20.8
5 21	14 9.71	− 2 28.2	1.666	2.589	11.5	21.0
5 31	14 3.18	− 2 12.3	1.727	2.577	15.0	21.2

188953 2007 EQ_{80} 4 29.8 338°.34 0°.2/29.7 17

3 22	14 50.94	−16 40.1	1.453	2.280	17.6	20.0
4 1	14 48.72	−16 20.9	1.368	2.270	14.0	19.8
4 11	14 43.67	−15 47.5	1.302	2.262	9.6	19.5
4 21	14 36.41	−15 2.4	1.259	2.254	4.6	19.2
5 1	14 27.95	−14 10.1	1.240	2.247	0.7	18.9
5 11	14 19.61	−13 17.4	1.247	2.241	6.0	19.2
5 21	14 12.60	−12 31.4	1.277	2.236	11.0	19.5
5 31	14 7.87	−11 58.0	1.329	2.231	15.4	19.7

134412 1998 FR_{29} 4 29.8 354°.74 5°.5/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.12	−25 59.7	1.414	2.205	19.8	19.3
4 1	14 54.00	−26 46.7	1.332	2.203	16.4	19.0
4 11	14 47.53	−27 16.2	1.268	2.202	12.5	18.8
4 21	14 38.36	−27 24.8	1.225	2.201	8.3	18.5
5 1	14 27.68	−27 11.4	1.205	2.200	5.6	18.4
5 11	14 17.10	−26 39.2	1.210	2.200	7.0	18.4
5 21	14 8.13	−25 55.2	1.239	2.200	11.0	18.7
5 31	14 1.92	−25 8.3	1.289	2.201	15.1	18.9

244609 2003 AV_{7} 4 29.8 48°.38 2°.0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.05	−21 44.5	1.212	2.032	20.8	20.3
4 1	14 52.34	−21 31.7	1.147	2.043	16.6	20.0
4 11	14 46.25	−20 58.1	1.099	2.053	11.7	19.8
4 21	14 37.62	−20 4.7	1.072	2.064	6.3	19.5
5 1	14 27.81	−18 56.5	1.069	2.076	2.0	19.3
5 11	14 18.45	−17 42.3	1.090	2.087	6.2	19.6
5 21	14 10.93	−16 31.7	1.135	2.099	11.4	19.9
5 31	14 6.20	−15 33.5	1.200	2.112	16.0	20.2

382796 2003 UL_{8} 4 29.8 232°.80 2°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.74	−26 17.9	2.326	3.084	13.9	20.8
4 1	14 49.85	−25 58.3	2.221	3.075	11.4	20.6
4 11	14 43.88	−25 22.4	2.137	3.066	8.4	20.4
4 21	14 36.34	−24 30.6	2.078	3.057	5.2	20.1
5 1	14 27.98	−23 24.7	2.046	3.047	2.8	20.0
5 11	14 19.72	−22 9.2	2.044	3.036	4.3	20.0
5 21	14 12.41	−20 50.2	2.069	3.026	7.6	20.2
5 31	14 6.74	−19 34.0	2.121	3.015	10.9	20.4

205611 2001 UZ_{156} 4 29.8 247°.70 1°.5/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.47	−13 7.1	1.715	2.523	16.1	21.9
4 1	14 54.30	−12 43.3	1.613	2.507	12.8	21.6
4 11	14 47.36	−12 9.6	1.532	2.489	8.7	21.3
4 21	14 38.18	−11 28.5	1.476	2.471	4.2	21.0
5 1	14 27.71	−10 44.3	1.447	2.453	1.9	20.8
5 11	14 17.18	−10 2.8	1.445	2.433	6.4	21.0
5 21	14 7.80	− 9 29.5	1.469	2.413	11.1	21.2
5 31	14 0.56	− 9 9.3	1.515	2.393	15.3	21.4

287671 2003 OE_{23} 4 29.8 243°.28 2°.1/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.61	−12 18.9	1.792	2.603	15.4	21.4
4 1	14 52.62	−11 40.8	1.693	2.589	12.2	21.1
4 11	14 46.07	−10 52.7	1.616	2.574	8.3	20.9
4 21	14 37.50	− 9 58.1	1.564	2.559	4.1	20.6
5 1	14 27.81	− 9 1.8	1.540	2.544	2.5	20.4
5 11	14 18.14	− 8 10.3	1.542	2.527	6.5	20.6
5 21	14 9.58	− 7 29.2	1.570	2.510	10.8	20.9
5 31	14 3.01	− 7 2.8	1.622	2.493	14.8	21.1

293391 2007 EE_{48} 4 29.8 345°.51 2°.7/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.83	−11 45.2	1.538	2.371	16.5	20.7
4 1	14 48.31	−10 58.2	1.458	2.366	12.9	20.4
4 11	14 43.20	−10 0.7	1.398	2.361	8.7	20.2
4 21	14 36.11	− 8 57.3	1.362	2.357	4.4	19.9
5 1	14 28.01	− 7 54.8	1.351	2.354	3.1	19.8
5 11	14 20.10	− 7 0.3	1.366	2.351	7.1	20.1
5 21	14 13.43	− 6 19.9	1.404	2.349	11.5	20.3
5 31	14 8.87	− 5 57.5	1.465	2.347	15.5	20.5

500480 2012 TL_{244} 4 29.8 107°.62 2°.4/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.42	− 9 28.9	2.576	3.379	11.5	21.6
4 1	14 48.18	− 8 36.4	2.506	3.398	8.9	21.5
4 11	14 42.37	− 7 39.3	2.461	3.417	6.0	21.3
4 21	14 35.47	− 6 41.2	2.443	3.435	3.2	21.1
5 1	14 28.12	− 5 46.2	2.455	3.453	2.7	21.1
5 11	14 21.02	− 4 58.3	2.495	3.470	5.2	21.3
5 21	14 14.76	− 4 20.7	2.564	3.487	7.9	21.5
5 31	14 9.83	− 3 55.4	2.657	3.504	10.5	21.7

474076 2016 JN_{32} 4 29.8 348°.25 1°.8/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.40	−14 38.5	1.278	2.124	18.4	20.3
4 1	14 46.21	−13 54.8	1.200	2.115	14.5	20.0
4 11	14 42.09	−12 55.4	1.140	2.106	9.8	19.7
4 21	14 35.69	−11 44.9	1.102	2.099	4.7	19.4
5 1	14 28.07	−10 30.7	1.088	2.094	2.3	19.2
5 11	14 20.63	− 9 22.1	1.098	2.089	7.2	19.5
5 21	14 14.60	− 8 27.2	1.130	2.086	12.4	19.8
5 31	14 10.96	− 7 52.1	1.182	2.084	16.9	20.1

276799 2004 OD_{12} 4 29.8 305°.14 0°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.39	−14 8.3	1.599	2.419	16.6	20.5
4 1	14 51.36	−14 5.2	1.498	2.397	13.2	20.2
4 11	14 45.52	−13 52.8	1.417	2.376	9.1	19.9
4 21	14 37.37	−13 32.9	1.360	2.355	4.4	19.6
5 1	14 27.84	−13 8.5	1.327	2.335	1.0	19.3
5 11	14 18.19	−12 44.5	1.321	2.314	6.1	19.6
5 21	14 9.68	−12 25.9	1.340	2.294	11.0	19.8
5 31	14 3.35	−12 17.5	1.380	2.274	15.5	20.0

497356 2005 UB_{192} 4 29.8 199°.61 1°.2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.29	−21 19.7	2.227	3.004	13.9	22.7
4 1	14 51.04	−20 54.7	2.129	3.001	11.1	22.5
4 11	14 44.66	−20 16.1	2.053	2.997	7.8	22.3
4 21	14 36.71	−19 25.1	2.003	2.993	4.1	22.1
5 1	14 27.95	−18 24.6	1.982	2.988	1.2	21.8
5 11	14 19.33	−17 19.3	1.989	2.983	4.2	22.0
5 21	14 11.69	−16 15.0	2.024	2.977	8.0	22.3
5 31	14 5.73	−15 17.1	2.084	2.970	11.4	22.5

507812 2014 DY_{35} 4 29.8 184°.12 0°.8/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.41	−13 31.6	2.597	3.390	11.7	22.2
4 1	14 49.14	−13 11.5	2.505	3.390	9.1	22.1
4 11	14 43.16	−12 44.8	2.436	3.390	6.1	21.9
4 21	14 35.92	−12 13.8	2.395	3.389	2.9	21.6
5 1	14 28.07	−11 41.0	2.382	3.389	1.1	21.5
5 11	14 20.33	−11 10.0	2.399	3.387	4.2	21.7
5 21	14 13.38	−10 43.9	2.444	3.386	7.4	21.9
5 31	14 7.78	−10 25.4	2.514	3.384	10.3	22.1

293557 2007 HS_{38} 4 29.8 277°.85 0°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.34	−19 19.6	4.418	5.186	7.6	20.6
4 1	14 43.01	−19 15.5	4.317	5.184	6.0	20.5
4 11	14 38.70	−19 5.9	4.240	5.182	4.2	20.4
4 21	14 33.71	−18 51.6	4.191	5.180	2.2	20.2
5 1	14 28.37	−18 33.7	4.172	5.178	0.7	20.1
5 11	14 23.08	−18 13.8	4.183	5.176	2.3	20.2
5 21	14 18.21	−17 53.6	4.223	5.174	4.2	20.4
5 31	14 14.07	−17 35.0	4.290	5.172	6.1	20.5

450837 2007 VE_{213} 4 29.8 226°.76 0°.6/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.75	−13 19.0	4.255	5.039	7.6	23.1
4 1	14 44.10	−12 53.4	4.146	5.027	5.9	23.0
4 11	14 39.45	−12 23.6	4.062	5.014	4.0	22.8
4 21	14 34.07	−11 50.9	4.007	5.002	1.9	22.6
5 1	14 28.32	−11 17.2	3.983	4.989	0.8	22.5
5 11	14 22.62	−10 44.6	3.989	4.975	2.8	22.7
5 21	14 17.32	−10 15.1	4.024	4.961	4.9	22.8
5 31	14 12.78	− 9 50.4	4.087	4.947	6.8	22.9

379262 2009 UJ_{44} 4 29.8 345°.20 0°.1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.40	−13 55.1	1.400	2.227	18.1	19.8
4 1	14 52.39	−14 18.5	1.317	2.220	14.4	19.5
4 11	14 46.30	−14 34.7	1.253	2.213	9.9	19.3
4 21	14 37.74	−14 44.5	1.211	2.207	4.8	18.9
5 1	14 27.80	−14 49.7	1.194	2.202	0.6	18.6
5 11	14 17.92	−14 53.8	1.202	2.197	6.1	19.0
5 21	14 9.46	−15 0.6	1.234	2.194	11.2	19.3
5 31	14 3.49	−15 14.0	1.287	2.192	15.7	19.5

270195 2001 SO_{353} 4 29.8 166°.89 6°.7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.86	+ 3 31.5	2.250	3.058	12.8	21.5
4 1	14 51.16	+ 4 39.2	2.179	3.063	10.4	21.4
4 11	14 44.55	+ 5 43.6	2.132	3.067	8.1	21.2
4 21	14 36.58	+ 6 38.8	2.111	3.071	6.8	21.2
5 1	14 27.99	+ 7 19.5	2.118	3.074	7.2	21.2
5 11	14 19.62	+ 7 41.7	2.151	3.076	9.1	21.3
5 21	14 12.21	+ 7 44.0	2.210	3.078	11.5	21.5
5 31	14 6.36	+ 7 26.6	2.290	3.079	13.8	21.6

76672 2000 HD_{56} 4 29.8 271°.99 1°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.16	− 9 16.8	2.812	3.611	10.7	18.8
4 1	14 48.08	− 9 5.6	2.712	3.602	8.4	18.6
4 11	14 42.41	− 8 51.3	2.637	3.592	5.7	18.4
4 21	14 35.57	− 8 35.9	2.588	3.582	2.9	18.2
5 1	14 28.12	− 8 21.9	2.569	3.571	1.9	18.1
5 11	14 20.71	− 8 11.7	2.579	3.561	4.4	18.3
5 21	14 13.97	− 8 7.6	2.617	3.551	7.3	18.5
5 31	14 8.43	− 8 11.3	2.680	3.541	10.0	18.6

114473 2003 AT_{40} 4 29.8 170°.91 7°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.73	−37 34.8	2.248	2.941	16.0	20.3
4 1	14 54.92	−37 59.8	2.153	2.944	13.9	20.1
4 11	14 47.52	−38 4.3	2.076	2.947	11.5	19.9
4 21	14 38.14	−37 45.1	2.022	2.950	9.1	19.8
5 1	14 27.78	−37 1.2	1.993	2.952	7.3	19.7
5 11	14 17.61	−35 55.4	1.991	2.953	7.3	19.7
5 21	14 8.71	−34 33.5	2.015	2.954	8.9	19.8
5 31	14 1.91	−33 3.6	2.065	2.954	11.3	19.9

352745 2008 TS_{98} 4 29.8 51°.12 0°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.38	−16 11.5	1.257	2.082	19.9	20.6
4 1	14 54.85	−16 19.8	1.188	2.089	15.8	20.3
4 11	14 47.97	−16 15.9	1.138	2.097	10.8	20.1
4 21	14 38.49	−16 0.8	1.110	2.105	5.3	19.8
5 1	14 27.73	−15 38.0	1.106	2.113	0.7	19.5
5 11	14 17.33	−15 12.9	1.126	2.122	6.3	19.9
5 21	14 8.70	−14 51.7	1.170	2.131	11.6	20.2
5 31	14 2.87	−14 39.9	1.235	2.140	16.2	20.5

239113 2006 HY_{86} 4 29.8 258°.72 3°.8/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.18	− 6 15.7	2.016	2.835	13.6	21.5
4 1	14 49.43	− 5 31.9	1.933	2.832	10.7	21.3
4 11	14 43.59	− 4 44.5	1.873	2.830	7.4	21.1
4 21	14 36.20	− 3 58.0	1.838	2.827	4.5	20.9
5 1	14 28.05	− 3 17.3	1.831	2.825	4.2	20.8
5 11	14 20.05	− 2 47.3	1.851	2.823	7.0	21.0
5 21	14 13.05	− 2 31.1	1.897	2.820	10.3	21.2
5 31	14 7.71	− 2 30.6	1.966	2.818	13.4	21.4

292480 2006 SQ_{393} 4 29.8 200°.01 0°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.21	−18 18.9	2.347	3.126	13.2	22.0
4 1	14 52.41	−18 0.9	2.247	3.122	10.5	21.8
4 11	14 45.55	−17 32.3	2.170	3.117	7.2	21.6
4 21	14 37.14	−16 54.4	2.119	3.111	3.6	21.3
5 1	14 27.92	−16 9.8	2.097	3.104	0.6	21.1
5 11	14 18.80	−15 22.7	2.104	3.097	4.2	21.3
5 21	14 10.60	−14 37.5	2.140	3.088	7.9	21.6
5 31	14 4.00	−13 58.5	2.201	3.079	11.2	21.7

133191 2003 QW_{54} 4 29.8 240°.82 5°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.72	− 4 51.7	1.711	2.536	15.4	20.1
4 1	14 51.90	− 3 47.9	1.624	2.526	12.2	19.9
4 11	14 45.55	− 2 39.3	1.559	2.515	8.7	19.7
4 21	14 37.24	− 1 32.0	1.519	2.504	5.8	19.5
5 1	14 27.90	− 0 33.3	1.505	2.493	5.8	19.4
5 11	14 18.66	+ 0 10.0	1.517	2.481	8.9	19.6
5 21	14 10.58	+ 0 33.6	1.554	2.469	12.7	19.8
5 31	14 4.51	+ 0 35.4	1.611	2.456	16.2	20.0

207960 1995 OZ_{9} 4 29.8 261°.61 4°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.98	− 5 34.8	2.273	3.090	12.3	20.4
4 1	14 47.50	− 4 33.6	2.183	3.082	9.7	20.2
4 11	14 42.19	− 3 28.4	2.118	3.073	6.8	20.0
4 21	14 35.51	− 2 23.9	2.079	3.064	4.4	19.8
5 1	14 28.15	− 1 25.4	2.068	3.056	4.5	19.8
5 11	14 20.89	− 0 37.9	2.084	3.047	6.9	19.9
5 21	14 14.46	− 0 5.0	2.126	3.038	9.9	20.1
5 31	14 9.47	+ 0 11.3	2.192	3.029	12.7	20.3

247830 2003 SG_{218} 4 29.8 246°.49 1°.0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.97	−14 36.0	2.094	2.898	13.7	21.2
4 1	14 49.31	−14 2.9	2.000	2.892	10.8	21.0
4 11	14 43.55	−13 20.2	1.929	2.885	7.3	20.8
4 21	14 36.21	−12 30.3	1.883	2.878	3.4	20.5
5 1	14 28.05	−11 37.5	1.865	2.871	1.3	20.3
5 11	14 20.00	−10 46.7	1.875	2.864	5.1	20.6
5 21	14 12.91	−10 2.8	1.911	2.856	8.9	20.8
5 31	14 7.46	− 9 29.7	1.972	2.849	12.3	21.0

397057 2005 UC_{121} 4 29.8 330°.57 0°.3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.74	−20 15.0	2.261	3.051	13.3	21.0
4 1	14 46.63	−19 22.4	2.166	3.048	10.5	20.8
4 11	14 41.63	−18 15.5	2.094	3.044	7.2	20.6
4 21	14 35.24	−16 56.8	2.048	3.041	3.6	20.3
5 1	14 28.19	−15 30.7	2.030	3.038	0.5	20.0
5 11	14 21.30	−14 3.2	2.042	3.035	4.2	20.3
5 21	14 15.31	−12 40.5	2.081	3.032	7.9	20.6
5 31	14 10.83	−11 28.0	2.145	3.029	11.2	20.8

240085 2002 AB_{190} 4 29.8 79°.57 3°.5/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.19	−27 3.3	2.357	3.113	13.8	20.7
4 1	14 49.39	−27 9.9	2.264	3.114	11.4	20.5
4 11	14 43.55	−27 2.1	2.192	3.116	8.5	20.4
4 21	14 36.19	−26 39.5	2.145	3.118	5.6	20.2
5 1	14 28.06	−26 3.2	2.124	3.119	3.6	20.0
5 11	14 20.08	−25 16.3	2.132	3.121	4.5	20.1
5 21	14 13.04	−24 23.7	2.167	3.123	7.3	20.3
5 31	14 7.62	−23 30.8	2.227	3.124	10.3	20.5

332655 2008 VF_{26} 4 29.8 293°.29 8°.7/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.07	−36 23.4	1.894	2.614	17.8	20.5
4 1	14 53.82	−37 18.3	1.776	2.586	15.7	20.3
4 11	14 47.48	−37 54.2	1.677	2.558	13.2	20.0
4 21	14 38.46	−38 5.5	1.597	2.530	10.7	19.8
5 1	14 27.72	−37 48.0	1.541	2.501	9.0	19.6
5 11	14 16.66	−37 1.9	1.510	2.472	9.1	19.6
5 21	14 6.74	−35 51.7	1.503	2.444	11.2	19.6
5 31	13 59.23	−34 26.6	1.519	2.415	14.2	19.7

244836 2003 UO_{82} 4 29.8 202°.30 3°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.38	− 6 59.1	2.422	3.227	12.0	20.9
4 1	14 50.01	− 6 23.0	2.332	3.224	9.4	20.7
4 11	14 43.81	− 5 43.7	2.265	3.220	6.5	20.5
4 21	14 36.27	− 5 4.4	2.226	3.215	3.8	20.3
5 1	14 28.06	− 4 29.1	2.215	3.210	3.3	20.3
5 11	14 19.97	− 4 1.6	2.232	3.205	5.8	20.4
5 21	14 12.70	− 3 44.7	2.277	3.199	8.9	20.6
5 31	14 6.87	− 3 40.2	2.346	3.193	11.7	20.8

503208 2015 HH_{30} 4 29.8 25°.51 1°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.95	−15 1.2	1.665	2.469	16.7	20.2
4 1	14 55.33	−15 48.2	1.588	2.477	13.2	19.9
4 11	14 47.93	−16 29.3	1.533	2.485	9.2	19.7
4 21	14 38.40	−17 3.8	1.501	2.494	4.6	19.5
5 1	14 27.77	−17 31.8	1.496	2.503	1.1	19.2
5 11	14 17.34	−17 54.8	1.519	2.513	5.2	19.5
5 21	14 8.27	−18 15.5	1.567	2.524	9.6	19.8
5 31	14 1.46	−18 36.9	1.640	2.535	13.4	20.1

189118 2001 VD_{47} 4 29.8 244°.61 3°.5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.67	−27 41.0	2.445	3.186	13.7	20.4
4 1	14 53.03	−27 39.1	2.323	3.165	11.4	20.2
4 11	14 46.16	−27 21.9	2.223	3.143	8.6	20.0
4 21	14 37.52	−26 48.4	2.148	3.120	5.7	19.8
5 1	14 27.88	−25 58.9	2.101	3.096	3.6	19.6
5 11	14 18.18	−24 56.7	2.083	3.071	4.7	19.6
5 21	14 9.35	−23 46.9	2.093	3.045	7.8	19.8
5 31	14 2.18	−22 36.0	2.129	3.019	11.0	19.9

304712 2006 WB_{200} 4 29.8 151°.96 0°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.31	−12 27.0	2.551	3.346	11.8	21.2
4 1	14 49.86	−12 20.0	2.463	3.349	9.2	21.0
4 11	14 43.66	−12 7.8	2.398	3.352	6.2	20.8
4 21	14 36.18	−11 52.3	2.361	3.355	2.9	20.6
5 1	14 28.08	−11 35.8	2.352	3.358	1.1	20.5
5 11	14 20.11	−11 21.0	2.372	3.361	4.2	20.7
5 21	14 12.94	−11 10.6	2.421	3.363	7.4	20.9
5 31	14 7.17	−11 6.9	2.495	3.366	10.3	21.1

321830 2010 RU_{71} 4 29.8 250°.41 3°.4/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.96	−23 22.3	1.764	2.543	16.9	21.5
4 1	14 54.85	−23 45.7	1.662	2.530	13.8	21.2
4 11	14 47.85	−23 55.2	1.579	2.517	10.2	21.0
4 21	14 38.49	−23 49.0	1.521	2.503	6.2	20.7
5 1	14 27.75	−23 27.1	1.488	2.489	3.4	20.5
5 11	14 16.93	−22 52.7	1.482	2.474	5.6	20.6
5 21	14 7.31	−22 11.5	1.502	2.459	9.8	20.8
5 31	13 59.94	−21 30.3	1.546	2.444	13.9	21.0

491306 2011 WK_{38} 4 29.8 197°.56 2°.3/ 2.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.80	−25 54.6	2.796	3.548	11.9	22.2
4 1	14 47.92	−25 35.9	2.695	3.546	9.7	22.0
4 11	14 42.35	−25 4.0	2.616	3.544	7.1	21.9
4 21	14 35.56	−24 19.5	2.563	3.541	4.4	21.7
5 1	14 28.17	−23 24.2	2.539	3.539	2.4	21.5
5 11	14 20.91	−22 21.7	2.544	3.536	3.6	21.6
5 21	14 14.42	−21 16.4	2.578	3.533	6.4	21.8
5 31	14 9.27	−20 13.1	2.638	3.530	9.1	22.0

307502 2002 YF_{6} 4 29.8 53°.75 1°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.70	−20 38.5	1.459	2.267	18.5	20.0
4 1	14 52.15	−20 26.8	1.397	2.286	14.7	19.8
4 11	14 45.74	−19 58.5	1.355	2.307	10.2	19.6
4 21	14 37.28	−19 15.3	1.336	2.327	5.3	19.4
5 1	14 27.96	−18 21.4	1.341	2.348	1.5	19.2
5 11	14 19.11	−17 23.7	1.373	2.369	5.4	19.5
5 21	14 11.85	−16 29.3	1.429	2.390	9.9	19.8
5 31	14 6.97	−15 44.6	1.509	2.411	13.9	20.1

457589 2009 AF_{31} 4 29.8 96°.79 3°.1/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.91	−23 46.9	1.503	2.295	18.7	21.5
4 1	14 54.11	−23 51.4	1.427	2.304	15.2	21.3
4 11	14 47.26	−23 37.6	1.370	2.312	11.0	21.1
4 21	14 38.11	−23 5.0	1.336	2.321	6.5	20.9
5 1	14 27.84	−22 15.7	1.326	2.329	3.2	20.7
5 11	14 17.89	−21 16.0	1.343	2.338	5.7	20.8
5 21	14 9.52	−20 13.6	1.385	2.346	10.1	21.1
5 31	14 3.67	−19 16.6	1.449	2.354	14.2	21.4

292607 2006 TX_{115} 4 29.8 145°.69 4°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.55	− 3 27.2	2.552	3.364	11.3	21.2
4 1	14 47.62	− 2 30.5	2.476	3.369	8.9	21.0
4 11	14 42.08	− 1 32.4	2.424	3.375	6.3	20.9
4 21	14 35.41	− 0 37.3	2.399	3.380	4.4	20.7
5 1	14 28.21	+ 0 10.4	2.402	3.385	4.5	20.7
5 11	14 21.19	+ 0 46.9	2.434	3.389	6.5	20.9
5 21	14 14.95	+ 1 9.7	2.492	3.394	9.1	21.0
5 31	14 10.02	+ 1 17.5	2.574	3.398	11.5	21.2

466629 2014 WG_{17} 4 29.8 173°.40 1°.9/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.45	−12 17.5	1.810	2.621	15.3	22.1
4 1	14 52.28	−11 43.3	1.727	2.623	12.0	21.9
4 11	14 45.68	−11 0.4	1.666	2.624	8.1	21.7
4 21	14 37.26	−10 12.2	1.630	2.625	3.9	21.4
5 1	14 27.96	− 9 23.6	1.622	2.626	2.2	21.3
5 11	14 18.85	− 8 40.2	1.640	2.626	6.0	21.5
5 21	14 10.93	− 8 6.7	1.685	2.626	10.1	21.8
5 31	14 4.97	− 7 46.8	1.753	2.626	13.8	22.0

18452 1994 PL_{33} 4 29.8 126°.04 1°.8/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.09	−10 58.2	2.675	3.475	11.2	19.5
4 1	14 47.97	−10 20.3	2.596	3.486	8.7	19.4
4 11	14 42.27	− 9 37.1	2.542	3.497	5.8	19.2
4 21	14 35.49	− 8 51.6	2.514	3.508	2.9	19.0
5 1	14 28.21	− 8 7.3	2.517	3.519	2.0	19.0
5 11	14 21.12	− 7 27.8	2.548	3.529	4.6	19.2
5 21	14 14.81	− 6 56.1	2.607	3.539	7.5	19.4
5 31	14 9.78	− 6 34.4	2.691	3.548	10.1	19.5

161519 2004 SQ_{11} 4 29.8 125°.12 4°.6/ 1.9 18

3 22	15 11.92	−23 8.7	1.781	2.535	17.6	20.5
4 1	15 4.85	−24 27.5	1.700	2.551	14.5	20.3
4 11	14 54.53	−25 35.8	1.641	2.566	10.8	20.1
4 21	14 41.64	−26 29.2	1.606	2.580	7.0	19.9
5 1	14 27.38	−27 4.5	1.600	2.594	4.7	19.8
5 11	14 13.29	−27 22.1	1.623	2.607	6.3	19.9
5 21	14 0.78	−27 25.9	1.674	2.620	9.9	20.2
5 31	13 50.93	−27 22.0	1.749	2.631	13.4	20.4

216766 2005 UK_{69} 4 29.8 296°.22 1°.0/30.8 17

3 22	14 50.69	−20 44.5	2.233	3.021	13.5	20.0
4 1	14 47.58	−20 17.0	2.123	3.002	10.8	19.8
4 11	14 42.45	−19 35.9	2.035	2.982	7.6	19.6
4 21	14 35.74	−18 42.3	1.972	2.963	4.0	19.3
5 1	14 28.17	−17 39.2	1.937	2.944	1.0	19.0
5 11	14 20.62	−16 31.4	1.930	2.924	4.2	19.2
5 21	14 13.92	−15 24.6	1.950	2.905	8.1	19.4
5 31	14 8.77	−14 24.5	1.995	2.886	11.6	19.6

27304 2000 AS_{196} 4 29.8 33°.46 0°.6/30.2 18

3 22	14 53.54	−20 0.5	1.238	2.063	20.1	18.7
4 1	14 51.14	−19 25.5	1.166	2.067	16.0	18.5
4 11	14 45.48	−18 29.5	1.113	2.072	11.1	18.2
4 21	14 37.33	−17 15.4	1.082	2.076	5.5	17.9
5 1	14 27.97	−15 49.6	1.074	2.081	0.7	17.6
5 11	14 18.97	−14 22.1	1.091	2.087	6.4	18.0
5 21	14 11.69	−13 3.1	1.131	2.092	11.8	18.3
5 31	14 7.08	−12 1.0	1.192	2.098	16.5	18.6

271785 2004 TQ_{37} 4 29.8 270°.92 1°.2/28.9 18

3 22	14 53.42	−14 27.1	1.930	2.739	14.6	21.2
4 1	14 49.97	−13 51.9	1.829	2.723	11.5	21.0
4 11	14 44.20	−13 5.9	1.750	2.707	7.8	20.7
4 21	14 36.62	−12 11.7	1.696	2.691	3.7	20.4
5 1	14 28.05	−11 13.8	1.669	2.675	1.5	20.3
5 11	14 19.51	−10 17.9	1.670	2.659	5.6	20.5
5 21	14 11.95	− 9 29.7	1.697	2.642	9.8	20.7
5 31	14 6.19	− 8 53.8	1.747	2.626	13.6	20.9

31646 1999 GQ_{44} 4 29.8 287°.78 4°.3/26.6 18

3 22	14 54.31	− 3 14.6	2.153	2.967	13.0	17.9
4 1	14 50.22	− 2 46.7	2.065	2.960	10.3	17.7
4 11	14 44.11	− 2 18.4	1.999	2.952	7.3	17.5
4 21	14 36.49	− 1 53.7	1.960	2.945	4.8	17.3
5 1	14 28.08	− 1 36.8	1.948	2.937	4.6	17.3
5 11	14 19.78	− 1 31.3	1.963	2.929	7.0	17.4
5 21	14 12.39	− 1 39.1	2.005	2.922	10.1	17.6
5 31	14 6.59	− 2 1.2	2.069	2.915	13.1	17.8

13175 1996 EB_{2} 4 29.8 145°.86 2°.9/ 2.2 18

3 22	14 57.21	−24 21.6	2.372	3.130	13.6	19.2
4 1	14 52.44	−24 35.9	2.283	3.138	11.1	19.1
4 11	14 45.58	−24 38.0	2.215	3.145	8.1	18.9
4 21	14 37.17	−24 27.4	2.173	3.152	5.0	18.7
5 1	14 28.00	−24 5.0	2.159	3.158	2.9	18.6
5 11	14 18.97	−23 33.7	2.174	3.164	4.3	18.7
5 21	14 10.94	−22 57.5	2.216	3.170	7.3	18.9
5 31	14 4.57	−22 21.3	2.284	3.175	10.3	19.1

328264 2008 GG_{20} 4 29.8 56°.84 1°.5/28.8 17

3 22	14 53.67	−14 49.1	1.540	2.362	17.0	20.8
4 1	14 50.42	−14 3.8	1.470	2.372	13.3	20.6
4 11	14 44.54	−13 5.9	1.421	2.382	8.9	20.4
4 21	14 36.73	−11 59.6	1.396	2.392	4.2	20.1
5 1	14 28.07	−10 51.3	1.397	2.403	1.9	20.0
5 11	14 19.75	− 9 48.4	1.424	2.414	6.2	20.3
5 21	14 12.82	− 8 57.1	1.476	2.425	10.7	20.5
5 31	14 8.05	− 8 22.0	1.550	2.436	14.6	20.8

469269 2016 JE_{32} 4 29.8 356°.34 7°.2/24.8 17

3 22	14 51.67	− 1 29.2	1.458	2.301	16.7	20.4
4 1	14 49.00	− 0 16.6	1.389	2.299	13.3	20.2
4 11	14 43.69	+ 0 57.0	1.341	2.297	9.9	20.0
4 21	14 36.38	+ 2 3.5	1.316	2.296	7.4	19.8
5 1	14 28.11	+ 2 54.4	1.316	2.295	7.8	19.9
5 11	14 20.09	+ 3 23.0	1.339	2.295	10.7	20.0
5 21	14 13.39	+ 3 26.4	1.384	2.296	14.2	20.2
5 31	14 8.84	+ 3 4.6	1.449	2.297	17.5	20.4

138639 2000 RH_{24} 4 29.8 134°.68 5°.7/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.16	−36 54.1	2.979	3.658	12.7	20.9
4 1	14 52.18	−37 21.7	2.888	3.671	11.0	20.8
4 11	14 45.29	−37 33.9	2.818	3.682	9.0	20.7
4 21	14 37.00	−37 28.8	2.772	3.694	7.2	20.6
5 1	14 28.03	−37 6.0	2.752	3.705	5.9	20.5
5 11	14 19.22	−36 27.4	2.760	3.716	5.8	20.5
5 21	14 11.33	−35 36.6	2.795	3.726	7.1	20.6
5 31	14 4.98	−34 38.6	2.857	3.736	8.9	20.7

325421 2009 NF 4 29.8 274°.86 1°.3/30.8 17

3 22	14 53.92	−20 53.5	1.730	2.528	16.4	20.7
4 1	14 50.73	−20 33.9	1.633	2.516	13.2	20.4
4 11	14 44.91	−19 58.2	1.556	2.505	9.3	20.2
4 21	14 37.03	−19 7.0	1.503	2.494	4.9	19.9
5 1	14 28.02	−18 3.9	1.476	2.482	1.3	19.6
5 11	14 19.07	−16 54.7	1.476	2.471	5.2	19.8
5 21	14 11.30	−15 46.9	1.501	2.459	9.7	20.1
5 31	14 5.63	−14 47.6	1.550	2.448	13.9	20.3

300249 2007 EE_{218} 4 29.8 302°.65 1°.2/27.9 18

3 22	14 44.74	−10 20.5	4.331	5.128	7.3	21.2
4 1	14 41.77	− 9 51.1	4.235	5.124	5.6	21.0
4 11	14 37.89	− 9 18.7	4.165	5.120	3.8	20.9
4 21	14 33.36	− 8 45.0	4.123	5.116	1.9	20.8
5 1	14 28.52	− 8 12.0	4.111	5.113	1.4	20.7
5 11	14 23.75	− 7 41.7	4.129	5.109	3.0	20.8
5 21	14 19.36	− 7 15.9	4.175	5.105	5.0	21.0
5 31	14 15.69	− 6 56.2	4.248	5.102	6.7	21.1

370845 2005 CL_{10} 4 29.8 67°.30 2°.7/ 1.4 17

3 22	14 58.77	−21 3.7	1.491	2.290	18.5	21.0
4 1	14 54.84	−21 27.8	1.415	2.297	14.9	20.8
4 11	14 47.82	−21 37.7	1.358	2.304	10.7	20.6
4 21	14 38.44	−21 32.5	1.324	2.312	6.1	20.3
5 1	14 27.85	−21 13.3	1.315	2.319	2.7	20.1
5 11	14 17.51	−20 44.6	1.332	2.327	5.7	20.3
5 21	14 8.74	−20 12.3	1.374	2.334	10.2	20.6
5 31	14 2.49	−19 43.3	1.438	2.342	14.4	20.8

468800 2012 HV_{8} 4 29.8 4°.68 6°.2/24.8 17

3 22	14 45.66	− 8 37.9	1.196	2.058	18.4	20.4
4 1	14 44.80	− 6 42.2	1.133	2.057	14.3	20.1
4 11	14 41.06	− 4 33.6	1.090	2.057	10.0	19.9
4 21	14 35.18	− 2 22.9	1.069	2.059	6.6	19.7
5 1	14 28.29	− 0 23.6	1.072	2.063	7.1	19.7
5 11	14 21.72	+ 1 12.0	1.098	2.067	10.9	20.0
5 21	14 16.62	+ 2 16.5	1.146	2.073	15.2	20.2
5 31	14 13.82	+ 2 47.5	1.212	2.080	19.0	20.5

244542 2002 UK_{71} 4 29.8 93°.27 1°.9/ 1.5 17

3 22	14 53.84	−22 2.8	2.157	2.936	14.2	20.8
4 1	14 49.97	−21 58.4	2.070	2.941	11.4	20.6
4 11	14 43.99	−21 41.2	2.005	2.946	8.1	20.4
4 21	14 36.44	−21 11.9	1.964	2.951	4.6	20.2
5 1	14 28.13	−20 32.5	1.951	2.956	1.9	20.0
5 11	14 19.99	−19 47.1	1.966	2.961	4.2	20.2
5 21	14 12.88	−19 0.6	2.009	2.965	7.8	20.4
5 31	14 7.46	−18 18.0	2.076	2.970	11.0	20.6

17810 1998 FM_{100} 4 29.8 59°.36 0°.4/30.2 18

3 22	14 52.81	−20 41.6	1.667	2.470	16.7	18.2
4 1	14 49.56	−19 47.3	1.596	2.484	13.2	18.0
4 11	14 43.85	−18 35.3	1.546	2.499	9.0	17.7
4 21	14 36.38	−17 9.0	1.519	2.513	4.4	17.5
5 1	14 28.15	−15 34.6	1.520	2.528	0.6	17.2
5 11	14 20.31	−14 0.4	1.548	2.542	5.1	17.6
5 21	14 13.80	−12 34.4	1.602	2.557	9.5	17.9
5 31	14 9.34	−11 23.2	1.680	2.572	13.3	18.2

452579 2005 EB_{276} 4 29.8 18°.15 0°.4/29.6 17

3 22	14 49.05	−19 36.1	1.197	2.033	20.0	20.4
4 1	14 47.61	−18 36.5	1.129	2.038	15.8	20.2
4 11	14 43.06	−17 14.0	1.081	2.043	10.8	19.9
4 21	14 36.16	−15 33.5	1.054	2.050	5.1	19.6
5 1	14 28.18	−13 43.9	1.050	2.058	0.9	19.3
5 11	14 20.60	−11 57.2	1.071	2.066	6.7	19.7
5 21	14 14.66	−10 24.6	1.115	2.076	12.0	20.0
5 31	14 11.26	− 9 14.0	1.180	2.086	16.7	20.3

351871 2006 SH_{69} 4 29.8 167°.71 0°.2/30.1 18

3 22	14 53.74	−17 1.0	2.661	3.444	11.7	22.1
4 1	14 49.41	−16 49.0	2.569	3.447	9.2	22.0
4 11	14 43.36	−16 28.9	2.501	3.450	6.3	21.8
4 21	14 36.08	−16 2.2	2.459	3.452	3.1	21.6
5 1	14 28.19	−15 31.2	2.447	3.454	0.4	21.3
5 11	14 20.43	−14 58.8	2.464	3.456	3.7	21.6
5 21	14 13.45	−14 28.6	2.509	3.457	6.9	21.8
5 31	14 7.82	−14 3.6	2.580	3.458	9.7	22.0

50896 2000 GS_{43} 4 29.8 104°.19 0°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.19	−15 17.7	2.121	2.922	13.7	19.1
4 1	14 49.40	−14 53.7	2.036	2.925	10.7	19.0
4 11	14 43.56	−14 20.6	1.974	2.929	7.3	18.7
4 21	14 36.23	−13 40.6	1.937	2.932	3.4	18.5
5 1	14 28.17	−12 57.3	1.928	2.935	0.9	18.3
5 11	14 20.29	−12 15.2	1.948	2.938	4.7	18.6
5 21	14 13.39	−11 38.7	1.994	2.942	8.4	18.8
5 31	14 8.13	−11 11.4	2.064	2.945	11.7	19.0

374153 2004 TO_{278} 4 29.8 110°.58 0°.9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.40	−12 48.7	2.222	3.015	13.4	21.5
4 1	14 53.19	−12 41.8	2.149	3.034	10.4	21.3
4 11	14 45.96	−12 29.0	2.099	3.052	7.0	21.2
4 21	14 37.31	−12 12.2	2.075	3.070	3.3	20.9
5 1	14 28.04	−11 53.9	2.080	3.087	1.1	20.8
5 11	14 19.04	−11 37.5	2.115	3.104	4.6	21.1
5 21	14 11.11	−11 25.9	2.177	3.120	8.1	21.3
5 31	14 4.85	−11 21.6	2.264	3.136	11.2	21.5

513683 2012 AJ_{1} 4 29.8 251°.00 8°.1/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.62	−46 21.0	3.100	3.709	13.4	21.4
4 1	14 53.82	−46 56.1	2.979	3.690	12.2	21.2
4 11	14 46.73	−47 13.5	2.875	3.670	10.8	21.1
4 21	14 37.84	−47 9.6	2.793	3.650	9.4	21.0
5 1	14 27.95	−46 42.0	2.734	3.630	8.4	20.9
5 11	14 18.05	−45 51.3	2.700	3.609	8.1	20.8
5 21	14 9.11	−44 40.6	2.692	3.588	8.7	20.8
5 31	14 1.91	−43 15.4	2.710	3.566	10.0	20.9

367137 2006 TS_{43} 4 29.8 285°.30 0°.3/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.27	−15 12.3	1.629	2.442	16.6	21.2
4 1	14 52.87	−15 6.8	1.525	2.420	13.3	20.9
4 11	14 46.61	−14 51.0	1.441	2.398	9.2	20.6
4 21	14 37.99	−14 26.0	1.380	2.375	4.5	20.3
5 1	14 27.92	−13 54.9	1.345	2.353	0.8	19.9
5 11	14 17.71	−13 22.7	1.337	2.330	6.0	20.2
5 21	14 8.62	−12 54.9	1.353	2.307	11.0	20.5
5 31	14 1.74	−12 36.9	1.392	2.285	15.5	20.7

123283 2000 UH_{98} 4 29.8 174°.33 1°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.48	−19 56.8	2.358	3.134	13.2	20.8
4 1	14 51.83	−19 49.7	2.266	3.136	10.6	20.6
4 11	14 45.16	−19 32.0	2.195	3.138	7.4	20.4
4 21	14 36.99	−19 4.3	2.151	3.140	3.9	20.2
5 1	14 28.08	−18 28.9	2.135	3.141	1.2	20.0
5 11	14 19.31	−17 49.2	2.148	3.142	4.0	20.2
5 21	14 11.48	−17 9.5	2.190	3.142	7.5	20.4
5 31	14 5.25	−16 34.2	2.257	3.141	10.7	20.6

37683 Gustaveeiffel 4 29.8 359°.79 2°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.95	−21 52.0	1.040	1.884	21.8	18.1
4 1	14 46.65	−21 53.3	0.971	1.880	17.7	17.8
4 11	14 42.86	−21 31.7	0.918	1.877	12.6	17.5
4 21	14 36.26	−20 47.6	0.884	1.876	7.0	17.2
5 1	14 28.18	−19 45.0	0.871	1.877	2.6	16.9
5 11	14 20.36	−18 33.3	0.880	1.879	6.6	17.2
5 21	14 14.34	−17 23.2	0.911	1.883	12.2	17.5
5 31	14 11.22	−16 24.9	0.960	1.889	17.3	17.8

92962 2000 RD_{48} 4 29.8 144°.41 5°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.85	−28 55.2	2.052	2.799	15.8	19.6
4 1	14 54.30	−29 32.4	1.963	2.803	13.2	19.4
4 11	14 47.18	−29 54.2	1.894	2.807	10.3	19.2
4 21	14 38.08	−29 58.2	1.848	2.811	7.2	19.0
5 1	14 27.95	−29 43.6	1.828	2.815	5.2	18.9
5 11	14 17.93	−29 13.0	1.836	2.818	5.9	18.9
5 21	14 9.10	−28 31.2	1.870	2.821	8.6	19.1
5 31	14 2.31	−27 44.9	1.929	2.824	11.7	19.3

292379 2006 SQ_{258} 4 29.8 200°.56 0°.1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.27	−16 53.2	2.116	2.905	14.1	22.1
4 1	14 52.71	−16 32.2	2.020	2.901	11.2	21.9
4 11	14 45.91	−16 0.5	1.946	2.897	7.7	21.7
4 21	14 37.41	−15 19.9	1.898	2.892	3.7	21.4
5 1	14 28.04	−14 33.6	1.878	2.886	0.5	21.2
5 11	14 18.78	−13 46.1	1.888	2.879	4.7	21.5
5 21	14 10.53	−13 2.4	1.924	2.872	8.6	21.7
5 31	14 4.04	−12 27.0	1.986	2.865	12.2	21.9

400592 2009 AF_{13} 4 29.8 230°.82 3°.1/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.78	−10 0.9	1.757	2.570	15.6	22.4
4 1	14 53.58	− 9 15.4	1.662	2.559	12.3	22.2
4 11	14 46.78	− 8 21.3	1.589	2.547	8.4	21.9
4 21	14 37.93	− 7 23.0	1.541	2.534	4.5	21.6
5 1	14 27.97	− 6 26.2	1.520	2.520	3.5	21.6
5 11	14 18.06	− 5 37.4	1.526	2.506	7.2	21.7
5 21	14 9.29	− 5 1.9	1.558	2.491	11.4	21.9
5 31	14 2.56	− 4 43.5	1.612	2.476	15.3	22.1

142174 2002 RO_{39} 4 29.8 259°.56 1°.4/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.40	−13 17.6	1.816	2.624	15.3	21.0
4 1	14 52.54	−12 52.0	1.713	2.607	12.1	20.8
4 11	14 46.12	−12 16.6	1.632	2.589	8.3	20.5
4 21	14 37.65	−11 34.1	1.575	2.570	4.0	20.2
5 1	14 28.00	−10 48.5	1.546	2.552	1.8	20.0
5 11	14 18.32	−10 5.5	1.544	2.532	6.0	20.2
5 21	14 9.69	− 9 30.4	1.567	2.513	10.5	20.4
5 31	14 3.03	− 9 7.7	1.614	2.492	14.5	20.6

87956 2000 TM_{4} 4 29.8 127°.36 0°.6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.54	−19 9.8	3.778	4.546	8.8	21.0
4 1	14 45.61	−18 57.1	3.690	4.558	6.9	20.8
4 11	14 40.53	−18 37.8	3.627	4.570	4.8	20.7
4 21	14 34.66	−18 12.9	3.592	4.582	2.5	20.6
5 1	14 28.43	−17 44.0	3.587	4.593	0.6	20.4
5 11	14 22.31	−17 13.4	3.612	4.605	2.6	20.6
5 21	14 16.74	−16 43.2	3.666	4.616	4.9	20.8
5 31	14 12.08	−16 15.9	3.747	4.626	7.0	20.9

166641 2002 SF_{55} 4 29.8 156°.44 2°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.79	−25 17.4	2.626	3.376	12.6	21.1
4 1	14 51.15	−25 22.7	2.533	3.383	10.3	20.9
4 11	14 44.63	−25 15.9	2.463	3.389	7.6	20.8
4 21	14 36.73	−24 56.8	2.418	3.394	4.8	20.6
5 1	14 28.16	−24 26.4	2.401	3.399	2.8	20.5
5 11	14 19.73	−23 47.7	2.414	3.404	4.0	20.5
5 21	14 12.18	−23 4.6	2.455	3.408	6.7	20.7
5 31	14 6.12	−22 21.7	2.522	3.412	9.5	20.9

388127 2005 UP_{522} 4 29.8 36°.45 0°.4/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.60	−16 27.2	2.120	2.917	13.8	20.7
4 1	14 49.75	−16 28.3	2.038	2.924	10.9	20.6
4 11	14 43.83	−16 21.0	1.979	2.931	7.4	20.4
4 21	14 36.38	−16 6.5	1.945	2.938	3.7	20.1
5 1	14 28.21	−15 47.1	1.938	2.946	0.5	19.9
5 11	14 20.20	−15 26.2	1.960	2.953	4.3	20.2
5 21	14 13.20	−15 7.3	2.008	2.961	8.0	20.4
5 31	14 7.85	−14 54.0	2.081	2.969	11.3	20.7

432488 2010 EX_{42} 4 29.8 340°.88 6°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.89	− 2 33.5	1.338	2.191	17.3	19.7
4 1	14 47.34	− 1 56.9	1.253	2.169	13.9	19.5
4 11	14 42.94	− 1 19.7	1.187	2.149	10.1	19.2
4 21	14 36.23	− 0 48.5	1.143	2.130	7.0	19.0
5 1	14 28.21	− 0 30.8	1.123	2.113	6.9	18.9
5 11	14 20.19	− 0 32.7	1.125	2.097	10.2	19.0
5 21	14 13.43	− 0 57.4	1.148	2.083	14.4	19.2
5 31	14 8.96	− 1 45.1	1.191	2.071	18.4	19.4

509246 2006 TX_{126} 4 29.9 251°.83 1°.5/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.38	−21 31.7	2.322	3.101	13.3	21.6
4 1	14 48.73	−21 19.5	2.227	3.100	10.7	21.4
4 11	14 43.12	−20 55.1	2.155	3.098	7.5	21.2
4 21	14 36.05	−20 19.5	2.108	3.096	4.1	20.9
5 1	14 28.25	−19 34.8	2.089	3.094	1.5	20.8
5 11	14 20.58	−18 45.1	2.098	3.092	4.0	20.9
5 21	14 13.80	−17 55.1	2.134	3.090	7.4	21.1
5 31	14 8.56	−17 9.5	2.196	3.088	10.6	21.3

32360 2000 QV_{133} 4 29.9 168°.43 0°.5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.19	−14 29.5	2.913	3.699	10.7	19.9
4 1	14 48.79	−14 10.0	2.822	3.703	8.4	19.8
4 11	14 42.87	−13 44.2	2.755	3.706	5.6	19.6
4 21	14 35.84	−13 13.9	2.715	3.709	2.7	19.4
5 1	14 28.29	−12 41.4	2.705	3.712	0.7	19.2
5 11	14 20.86	−12 9.8	2.725	3.714	3.7	19.5
5 21	14 14.14	−11 42.0	2.773	3.715	6.6	19.7
5 31	14 8.63	−11 20.4	2.848	3.717	9.2	19.8

394308 2006 VY_{169} 4 29.9 60°.20 1°.0/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.74	−13 20.2	2.218	3.022	13.1	21.1
4 1	14 48.88	−13 0.6	2.142	3.034	10.2	20.9
4 11	14 43.11	−12 34.1	2.090	3.046	6.8	20.7
4 21	14 36.00	−12 3.2	2.063	3.058	3.2	20.5
5 1	14 28.27	−11 31.0	2.064	3.070	1.2	20.4
5 11	14 20.77	−11 1.6	2.093	3.082	4.6	20.6
5 21	14 14.21	−10 38.1	2.150	3.095	8.0	20.9
5 31	14 9.21	−10 23.5	2.231	3.108	11.1	21.1

365891 2011 VV_{21} 4 29.9 267°.55 0°.6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.67	−15 55.5	2.398	3.196	12.4	21.7
4 1	14 47.26	−15 15.8	2.303	3.191	9.7	21.5
4 11	14 42.05	−14 26.2	2.231	3.185	6.6	21.3
4 21	14 35.52	−13 29.3	2.185	3.180	3.1	21.0
5 1	14 28.33	−12 29.0	2.168	3.175	0.9	20.8
5 11	14 21.25	−11 29.8	2.179	3.169	4.4	21.1
5 21	14 14.99	−10 36.3	2.218	3.164	7.8	21.3
5 31	14 10.14	− 9 52.5	2.282	3.158	10.9	21.5

6632 Scoon 4 29.9 146°.05 0°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.66	−14 58.5	1.841	2.639	15.6	18.1
4 1	14 54.80	−14 56.2	1.760	2.646	12.3	17.9
4 11	14 47.43	−14 45.1	1.700	2.653	8.4	17.6
4 21	14 38.17	−14 26.9	1.665	2.659	4.0	17.4
5 1	14 27.99	−14 4.4	1.658	2.665	0.6	17.1
5 11	14 18.02	−13 41.5	1.678	2.670	5.1	17.5
5 21	14 9.30	−13 22.4	1.726	2.675	9.3	17.7
5 31	14 2.63	−13 11.1	1.797	2.680	13.0	18.0

370063 2001 BP_{38} 4 29.9 107°.48 2°.3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.78	−23 7.4	2.331	3.091	13.8	21.8
4 1	14 53.51	−23 11.1	2.256	3.115	11.1	21.6
4 11	14 46.20	−23 2.7	2.204	3.138	7.9	21.5
4 21	14 37.46	−22 42.2	2.178	3.160	4.6	21.3
5 1	14 28.10	−22 11.5	2.180	3.182	2.3	21.2
5 11	14 19.03	−21 33.8	2.211	3.204	4.1	21.3
5 21	14 11.06	−20 53.8	2.271	3.224	7.2	21.6
5 31	14 4.81	−20 15.8	2.356	3.244	10.2	21.8

188837 2006 BN_{194} 4 29.9 334°.15 1°.1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.34	−21 19.3	3.945	4.710	8.5	19.7
4 1	14 43.21	−21 12.0	3.842	4.705	6.8	19.6
4 11	14 38.98	−20 57.7	3.762	4.701	4.8	19.4
4 21	14 33.96	−20 37.0	3.710	4.696	2.7	19.3
5 1	14 28.56	−20 11.3	3.687	4.691	1.1	19.2
5 11	14 23.20	−19 42.6	3.693	4.687	2.5	19.3
5 21	14 18.31	−19 12.9	3.729	4.683	4.6	19.4
5 31	14 14.25	−18 44.7	3.791	4.678	6.7	19.5

198890 2005 TH_{83} 4 29.9 232°.25 3°.2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.01	−23 28.0	1.738	2.514	17.2	21.0
4 1	14 56.56	−23 42.9	1.635	2.502	14.1	20.8
4 11	14 49.11	−23 42.6	1.551	2.488	10.4	20.5
4 21	14 39.20	−23 25.5	1.491	2.474	6.2	20.2
5 1	14 27.85	−22 52.0	1.457	2.459	3.2	20.0
5 11	14 16.42	−22 5.9	1.451	2.443	5.6	20.1
5 21	14 6.24	−21 13.4	1.470	2.427	10.0	20.3
5 31	13 58.40	−20 22.4	1.513	2.409	14.3	20.5

275725 2001 AW_{30} 4 29.9 82°.31 6°.9/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.97	+ 3 9.0	1.876	2.690	14.7	20.5
4 1	14 53.19	+ 3 46.8	1.811	2.699	11.9	20.4
4 11	14 46.14	+ 4 19.3	1.767	2.708	9.1	20.2
4 21	14 37.48	+ 4 41.1	1.749	2.717	7.1	20.1
5 1	14 28.12	+ 4 47.2	1.757	2.726	7.2	20.1
5 11	14 19.06	+ 4 34.6	1.791	2.735	9.3	20.3
5 21	14 11.21	+ 4 3.0	1.850	2.744	12.1	20.5
5 31	14 5.24	+ 3 13.7	1.931	2.753	14.8	20.7

502990 2015 FG_{76} 4 29.9 120°.35 2°.1/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.55	−12 30.9	2.180	2.988	13.1	21.4
4 1	14 48.02	−11 28.5	2.097	2.993	10.2	21.2
4 11	14 42.58	−10 17.1	2.039	2.997	6.8	21.0
4 21	14 35.78	− 9 1.0	2.007	3.001	3.4	20.8
5 1	14 28.35	− 7 45.4	2.003	3.005	2.5	20.8
5 11	14 21.12	− 6 36.2	2.027	3.009	5.6	21.0
5 21	14 14.82	− 5 38.3	2.079	3.012	9.0	21.2
5 31	14 10.06	− 4 55.1	2.155	3.016	12.0	21.4

131893 2002 AW_{182} 4 29.9 34°.33 0°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.36	−15 51.4	1.203	2.032	20.4	19.9
4 1	14 55.01	−16 17.1	1.139	2.041	16.2	19.6
4 11	14 48.21	−16 32.0	1.092	2.051	11.2	19.3
4 21	14 38.74	−16 36.5	1.067	2.062	5.6	19.1
5 1	14 27.96	−16 32.5	1.066	2.073	1.0	18.8
5 11	14 17.57	−16 24.8	1.089	2.085	6.3	19.2
5 21	14 9.01	−16 18.4	1.135	2.097	11.6	19.5
5 31	14 3.33	−16 18.6	1.201	2.110	16.2	19.8

105705 2000 SO_{69} 4 29.9 102°.35 1°.0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.21	−12 36.4	2.603	3.396	11.6	19.9
4 1	14 49.67	−12 19.5	2.528	3.414	9.0	19.8
4 11	14 43.49	−11 57.2	2.478	3.431	6.1	19.6
4 21	14 36.15	−11 31.5	2.454	3.449	2.9	19.4
5 1	14 28.31	−11 5.3	2.460	3.465	1.2	19.3
5 11	14 20.69	−10 41.5	2.494	3.482	4.1	19.6
5 21	14 13.92	−10 22.9	2.557	3.498	7.2	19.8
5 31	14 8.50	−10 11.7	2.646	3.514	9.9	20.0

320409 2007 UH_{140} 4 29.9 174°.05 0°.8/30.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.48	−18 54.9	1.944	2.731	15.2	22.3
4 1	14 53.85	−18 40.2	1.856	2.734	12.1	22.1
4 11	14 46.79	−18 13.1	1.789	2.737	8.4	21.8
4 21	14 37.90	−17 34.8	1.747	2.738	4.3	21.6
5 1	14 28.10	−16 48.3	1.732	2.740	0.8	21.3
5 11	14 18.48	−15 58.5	1.746	2.740	4.8	21.6
5 21	14 10.03	−15 10.9	1.787	2.740	8.9	21.9
5 31	14 3.53	−14 30.7	1.853	2.739	12.6	22.1

389720 2011 ST_{47} 4 29.9 263°.69 3°.5/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.77	−25 14.7	2.299	3.058	14.0	21.3
4 1	14 51.61	−25 40.7	2.199	3.052	11.5	21.1
4 11	14 45.26	−25 54.6	2.119	3.046	8.6	20.9
4 21	14 37.19	−25 55.2	2.065	3.040	5.6	20.7
5 1	14 28.19	−25 42.6	2.038	3.034	3.5	20.6
5 11	14 19.21	−25 19.1	2.039	3.027	4.8	20.7
5 21	14 11.16	−24 48.6	2.067	3.021	7.7	20.8
5 31	14 4.79	−24 15.9	2.120	3.015	10.8	21.0

95805 2003 FA_{50} 4 29.9 308°.34 5°.0/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.14	− 4 26.0	2.101	2.927	12.9	19.2
4 1	14 46.35	− 3 7.5	2.008	2.910	10.2	19.0
4 11	14 41.62	− 1 44.1	1.939	2.894	7.3	18.8
4 21	14 35.41	− 0 21.4	1.895	2.877	5.2	18.6
5 1	14 28.43	+ 0 53.6	1.879	2.861	5.6	18.6
5 11	14 21.50	+ 1 54.9	1.889	2.845	8.1	18.7
5 21	14 15.42	+ 2 38.0	1.925	2.829	11.2	18.9
5 31	14 10.83	+ 3 0.7	1.982	2.813	14.1	19.0

502922 2015 EK_{25} 4 29.9 181°.59 3°.2/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.72	− 8 48.2	1.987	2.803	13.9	22.1
4 1	14 49.94	− 7 57.8	1.905	2.803	10.9	21.9
4 11	14 44.02	− 7 1.3	1.845	2.803	7.4	21.7
4 21	14 36.54	− 6 3.1	1.812	2.803	4.1	21.5
5 1	14 28.30	− 5 8.6	1.805	2.803	3.6	21.5
5 11	14 20.23	− 4 23.2	1.827	2.803	6.6	21.6
5 21	14 13.19	− 3 51.0	1.874	2.802	10.1	21.9
5 31	14 7.85	− 3 34.6	1.944	2.801	13.3	22.1

148095 1999 JF_{10} 4 29.9 0°.28 7°.5/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.26	+ 1 7.5	1.416	2.255	17.3	18.9
4 1	14 51.95	+ 1 45.4	1.348	2.253	14.0	18.7
4 11	14 45.80	+ 2 19.1	1.300	2.252	10.5	18.5
4 21	14 37.51	+ 2 41.7	1.273	2.251	7.9	18.3
5 1	14 28.17	+ 2 46.4	1.271	2.252	7.9	18.3
5 11	14 19.10	+ 2 29.2	1.293	2.253	10.6	18.5
5 21	14 11.46	+ 1 49.3	1.338	2.255	14.1	18.7
5 31	14 6.12	+ 0 48.5	1.402	2.258	17.6	18.9

463230 2012 DE_{94} 4 29.9 328°.90 1°.6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.32	−18 16.5	1.289	2.118	19.3	20.6
4 1	14 50.47	−18 32.1	1.199	2.102	15.6	20.3
4 11	14 45.38	−18 34.0	1.128	2.086	11.0	19.9
4 21	14 37.57	−18 22.3	1.078	2.071	5.8	19.6
5 1	14 28.14	−17 58.9	1.051	2.057	1.6	19.3
5 11	14 18.65	−17 29.0	1.047	2.045	6.3	19.5
5 21	14 10.58	−16 59.1	1.067	2.033	11.8	19.8
5 31	14 5.18	−16 36.5	1.106	2.022	16.7	20.0

498057 2007 RT_{57} 4 29.9 246°.45 0°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.16	−16 55.6	1.753	2.550	16.2	22.2
4 1	14 54.92	−16 56.4	1.651	2.537	13.0	22.0
4 11	14 47.89	−16 46.5	1.571	2.522	9.1	21.7
4 21	14 38.61	−16 26.5	1.514	2.507	4.5	21.4
5 1	14 28.02	−15 58.8	1.484	2.492	0.7	21.1
5 11	14 17.37	−15 27.5	1.482	2.476	5.4	21.4
5 21	14 7.87	−14 58.0	1.506	2.459	10.1	21.6
5 31	14 0.53	−14 35.5	1.553	2.442	14.4	21.8

311288 2005 GG_{39} 4 29.9 46°.00 0°.8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.92	−15 40.6	1.302	2.132	19.1	20.6
4 1	14 51.87	−15 13.3	1.241	2.145	15.0	20.4
4 11	14 45.79	−14 32.3	1.199	2.160	10.1	20.1
4 21	14 37.49	−13 41.3	1.178	2.175	4.8	19.9
5 1	14 28.19	−12 46.2	1.183	2.190	1.2	19.6
5 11	14 19.35	−11 54.6	1.212	2.206	6.4	20.0
5 21	14 12.18	−11 13.1	1.265	2.222	11.3	20.3
5 31	14 7.50	−10 46.8	1.339	2.238	15.6	20.6

40588 1999 RF_{141} 4 29.9 334°.51 6°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.77	− 3 37.7	1.742	2.576	14.8	18.8
4 1	14 47.91	− 2 2.4	1.667	2.573	11.7	18.6
4 11	14 42.79	− 0 22.6	1.615	2.570	8.5	18.4
4 21	14 35.99	+ 1 14.1	1.587	2.567	6.4	18.2
5 1	14 28.38	+ 2 39.0	1.586	2.564	6.9	18.3
5 11	14 20.96	+ 3 44.7	1.611	2.562	9.6	18.4
5 21	14 14.63	+ 4 26.7	1.659	2.560	12.9	18.6
5 31	14 10.12	+ 4 43.6	1.728	2.558	15.9	18.8

7673 Inohara 4 29.9 145°.89 0°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.80	−17 12.1	1.997	2.788	14.8	18.8
4 1	14 53.13	−16 47.1	1.915	2.798	11.6	18.6
4 11	14 46.18	−16 11.0	1.856	2.807	7.9	18.3
4 21	14 37.57	−15 25.7	1.822	2.815	3.8	18.1
5 1	14 28.19	−14 34.9	1.816	2.824	0.5	17.8
5 11	14 19.06	−13 43.7	1.839	2.831	4.8	18.2
5 21	14 11.08	−12 57.3	1.889	2.838	8.7	18.4
5 31	14 4.97	−12 20.1	1.963	2.844	12.2	18.7

154453 2003 CJ_{11} 4 29.9 65°.26 3°.9/26.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 13.00	− 3 53.7	2.355	3.122	13.5	20.3
4 1	15 3.55	− 3 5.5	2.324	3.192	10.4	20.2
4 11	14 52.35	− 2 17.7	2.320	3.260	7.2	20.1
4 21	14 40.17	− 1 34.5	2.346	3.327	4.5	20.1
5 1	14 27.90	− 0 59.8	2.405	3.391	4.2	20.1
5 11	14 16.45	− 0 36.5	2.496	3.453	6.3	20.4
5 21	14 6.49	− 0 26.0	2.617	3.513	8.9	20.6
5 31	13 58.47	− 0 28.4	2.764	3.571	11.2	20.9

269617 2010 JY_{122} 4 29.9 202°.78 0°.7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.49	−20 50.5	2.560	3.336	12.3	21.1
4 1	14 48.60	−20 12.3	2.461	3.332	9.8	20.9
4 11	14 42.94	−19 21.8	2.384	3.329	6.8	20.7
4 21	14 35.98	−18 20.5	2.335	3.325	3.5	20.5
5 1	14 28.40	−17 11.7	2.314	3.321	0.7	20.3
5 11	14 20.94	−16 0.0	2.323	3.316	3.7	20.5
5 21	14 14.30	−14 50.4	2.360	3.311	7.1	20.7
5 31	14 9.07	−13 47.7	2.424	3.306	10.1	20.9

355186 2006 WX_{115} 4 29.9 199°.93 1°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.30	−21 27.1	2.702	3.473	11.8	21.9
4 1	14 48.38	−21 6.4	2.603	3.470	9.5	21.7
4 11	14 42.76	−20 34.6	2.527	3.468	6.7	21.5
4 21	14 35.90	−19 52.8	2.477	3.465	3.6	21.3
5 1	14 28.41	−19 3.3	2.456	3.461	1.2	21.1
5 11	14 21.04	−18 9.7	2.464	3.458	3.5	21.3
5 21	14 14.43	−17 16.2	2.501	3.454	6.6	21.5
5 31	14 9.16	−16 26.9	2.564	3.450	9.5	21.7

317921 2003 UM_{333} 4 29.9 189°.84 0°.5/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.46	−18 8.9	2.008	2.795	14.8	22.8
4 1	14 53.80	−17 52.8	1.915	2.794	11.8	22.6
4 11	14 46.76	−17 25.1	1.844	2.793	8.2	22.3
4 21	14 37.92	−16 47.0	1.798	2.790	4.1	22.1
5 1	14 28.16	−16 1.5	1.780	2.787	0.6	21.8
5 11	14 18.52	−15 13.4	1.791	2.784	4.7	22.1
5 21	14 9.99	−14 27.9	1.829	2.779	8.8	22.3
5 31	14 3.35	−13 50.1	1.891	2.774	12.5	22.5

317881 2003 UT_{116} 4 29.9 177°.62 1°.7/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.17	−12 8.0	2.057	2.856	14.1	21.5
4 1	14 53.37	−11 35.7	1.970	2.859	11.0	21.3
4 11	14 46.35	−10 55.7	1.906	2.861	7.5	21.1
4 21	14 37.68	−10 11.1	1.867	2.862	3.6	20.9
5 1	14 28.19	− 9 26.0	1.858	2.862	2.0	20.8
5 11	14 18.88	− 8 45.3	1.876	2.861	5.5	21.0
5 21	14 10.64	− 8 13.1	1.922	2.860	9.3	21.2
5 31	14 4.18	− 7 52.8	1.993	2.858	12.7	21.4

424829 2008 US_{217} 4 29.9 98°.72 1°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.16	−21 4.5	1.997	2.782	15.0	21.5
4 1	14 51.26	−21 7.0	1.909	2.784	12.0	21.3
4 11	14 45.06	−20 57.1	1.842	2.786	8.5	21.0
4 21	14 37.11	−20 35.0	1.800	2.788	4.7	20.8
5 1	14 28.27	−20 2.8	1.785	2.790	1.9	20.6
5 11	14 19.58	−19 24.4	1.797	2.791	4.5	20.8
5 21	14 11.97	−18 44.7	1.836	2.793	8.3	21.0
5 31	14 6.21	−18 8.8	1.899	2.795	11.8	21.2

269236 2008 QL_{8} 4 29.9 295°.45 2°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.62	−21 33.8	1.764	2.557	16.3	20.5
4 1	14 51.39	−21 41.5	1.663	2.543	13.3	20.3
4 11	14 45.50	−21 35.4	1.583	2.528	9.6	20.0
4 21	14 37.47	−21 14.9	1.527	2.514	5.4	19.8
5 1	14 28.21	−20 41.4	1.496	2.500	2.3	19.5
5 11	14 18.93	−19 59.3	1.491	2.486	5.2	19.7
5 21	14 10.77	−19 14.3	1.513	2.473	9.5	19.9
5 31	14 4.70	−18 32.8	1.557	2.459	13.6	20.1

499282 2009 VX_{75} 4 29.9 229°.44 3°.6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.82	− 6 24.9	2.300	3.105	12.6	21.5
4 1	14 51.38	− 5 38.2	2.201	3.092	9.9	21.3
4 11	14 44.96	− 4 47.2	2.125	3.079	6.9	21.1
4 21	14 37.03	− 3 56.0	2.076	3.064	4.2	20.9
5 1	14 28.28	− 3 9.3	2.056	3.049	3.9	20.8
5 11	14 19.58	− 2 31.8	2.065	3.033	6.6	21.0
5 21	14 11.72	− 2 6.9	2.100	3.017	9.8	21.1
5 31	14 5.37	− 1 56.8	2.159	3.000	12.8	21.3

254628 2005 JB_{41} 4 29.9 348°.04 0°.4/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.47	−17 38.2	1.382	2.209	18.3	20.3
4 1	14 49.29	−16 59.6	1.302	2.205	14.5	20.0
4 11	14 44.19	−16 3.5	1.241	2.201	9.9	19.7
4 21	14 36.83	−14 53.3	1.202	2.198	4.8	19.4
5 1	14 28.30	−13 35.1	1.189	2.196	0.9	19.1
5 11	14 19.99	−12 17.8	1.200	2.194	6.3	19.5
5 21	14 13.10	−11 9.9	1.235	2.193	11.4	19.8
5 31	14 8.59	−10 18.5	1.292	2.193	15.9	20.0

192870 1999 XE_{19} 4 29.9 197°.45 0°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.42	−14 53.1	2.517	3.300	12.3	20.7
4 1	14 52.47	−14 49.4	2.419	3.297	9.7	20.5
4 11	14 45.60	−14 38.9	2.344	3.293	6.6	20.3
4 21	14 37.30	−14 23.1	2.296	3.289	3.2	20.1
5 1	14 28.26	−14 3.7	2.277	3.284	0.5	19.9
5 11	14 19.28	−13 43.9	2.288	3.279	4.1	20.1
5 21	14 11.13	−13 26.6	2.327	3.273	7.5	20.3
5 31	14 4.45	−13 14.8	2.392	3.266	10.6	20.5

381566 2008 UC_{65} 4 29.9 187°.23 1°.9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.94	−22 9.9	2.467	3.233	13.0	21.8
4 1	14 51.43	−22 7.8	2.369	3.233	10.4	21.6
4 11	14 44.95	−21 54.3	2.295	3.232	7.5	21.4
4 21	14 37.00	−21 29.7	2.245	3.230	4.3	21.2
5 1	14 28.30	−20 55.7	2.225	3.228	1.9	21.0
5 11	14 19.71	−20 15.4	2.233	3.226	3.9	21.1
5 21	14 11.99	−19 33.1	2.270	3.223	7.2	21.3
5 31	14 5.82	−18 53.2	2.332	3.220	10.2	21.5

176219 2001 QL_{90} 4 29.9 163°.83 4°.0/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.20	− 1 23.1	3.041	3.843	9.9	21.4
4 1	14 47.90	− 0 29.8	2.963	3.849	7.8	21.2
4 11	14 42.23	+ 0 23.3	2.910	3.854	5.7	21.1
4 21	14 35.58	+ 1 12.8	2.885	3.859	4.2	21.0
5 1	14 28.50	+ 1 54.8	2.889	3.864	4.4	21.0
5 11	14 21.56	+ 2 26.4	2.922	3.867	6.1	21.1
5 21	14 15.28	+ 2 45.5	2.982	3.871	8.2	21.3
5 31	14 10.11	+ 2 51.4	3.067	3.873	10.2	21.4

70606 1999 TC_{195} 4 29.9 153°.30 0°.8/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.23	−17 51.9	2.032	2.824	14.5	20.1
4 1	14 52.02	−17 54.8	1.944	2.825	11.5	19.9
4 11	14 45.54	−17 47.9	1.878	2.827	8.0	19.7
4 21	14 37.34	−17 32.0	1.836	2.828	4.1	19.4
5 1	14 28.27	−17 9.2	1.822	2.829	0.9	19.2
5 11	14 19.33	−16 43.1	1.837	2.831	4.5	19.5
5 21	14 11.44	−16 17.8	1.878	2.832	8.4	19.7
5 31	14 5.37	−15 57.6	1.943	2.833	11.9	19.9

40093 1998 NH 4 29.9 153°.01 5°.8/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.48	+ 0 48.0	2.276	3.087	12.5	19.1
4 1	14 50.15	+ 1 48.8	2.204	3.093	10.0	18.9
4 11	14 43.97	+ 2 48.1	2.156	3.098	7.6	18.8
4 21	14 36.48	+ 3 40.6	2.134	3.103	5.9	18.7
5 1	14 28.39	+ 4 21.1	2.140	3.108	6.2	18.7
5 11	14 20.51	+ 4 45.7	2.173	3.113	8.2	18.8
5 21	14 13.55	+ 4 52.6	2.231	3.116	10.7	19.0
5 31	14 8.09	+ 4 41.7	2.312	3.120	13.1	19.2

336195 2008 RW_{141} 4 29.9 130°.46 3°.3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.25	−10 8.0	1.902	2.722	14.3	20.5
4 1	14 48.89	− 8 58.4	1.822	2.723	11.1	20.3
4 11	14 43.37	− 7 40.2	1.765	2.724	7.6	20.1
4 21	14 36.27	− 6 18.7	1.733	2.725	4.2	19.8
5 1	14 28.41	− 5 0.5	1.729	2.726	3.7	19.8
5 11	14 20.76	− 3 52.3	1.752	2.727	6.9	20.0
5 21	14 14.17	− 2 59.4	1.801	2.728	10.5	20.2
5 31	14 9.31	− 2 24.8	1.872	2.729	13.8	20.4

40091 1998 MH_{41} 4 29.9 297°.06 3°.8/27.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.51	− 6 38.2	1.816	2.638	14.8	18.8
4 1	14 51.07	− 6 7.5	1.713	2.614	11.7	18.6
4 11	14 45.17	− 5 32.5	1.633	2.591	8.2	18.3
4 21	14 37.29	− 4 57.5	1.577	2.568	4.8	18.0
5 1	14 28.27	− 4 27.5	1.548	2.545	4.2	18.0
5 11	14 19.17	− 4 7.7	1.545	2.522	7.5	18.1
5 21	14 11.04	− 4 2.0	1.567	2.499	11.5	18.3
5 31	14 4.78	− 4 12.5	1.611	2.476	15.2	18.4

198667 2005 BQ_{24} 4 29.9 175°.62 4°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.22	+ 0 37.4	2.917	3.716	10.4	21.2
4 1	14 49.53	+ 1 36.2	2.837	3.719	8.3	21.1
4 11	14 43.37	+ 2 34.1	2.783	3.722	6.2	21.0
4 21	14 36.15	+ 3 27.0	2.756	3.724	4.9	20.9
5 1	14 28.45	+ 4 10.7	2.759	3.725	5.1	20.9
5 11	14 20.88	+ 4 41.9	2.791	3.725	6.8	21.0
5 21	14 14.03	+ 4 58.9	2.849	3.725	8.9	21.1
5 31	14 8.36	+ 5 1.0	2.931	3.724	11.0	21.3

15977 1998 MA_{11} 4 29.9 136°.73 0°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 44.87	−13 31.7	4.568	5.355	7.1	17.9
4 1	14 41.87	−12 57.4	4.474	5.358	5.5	17.7
4 11	14 38.00	−12 18.9	4.407	5.360	3.6	17.6
4 21	14 33.54	−11 38.0	4.368	5.362	1.7	17.5
5 1	14 28.79	−10 56.5	4.359	5.364	0.8	17.4
5 11	14 24.11	−10 16.5	4.381	5.367	2.6	17.5
5 21	14 19.83	− 9 39.9	4.432	5.369	4.5	17.7
5 31	14 16.22	− 9 8.5	4.509	5.371	6.2	17.8

469065 2015 BD_{15} 4 29.9 245°.23 3°.1/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.27	− 8 52.8	1.930	2.744	14.3	21.6
4 1	14 51.37	− 8 11.7	1.836	2.734	11.3	21.4
4 11	14 45.18	− 7 24.2	1.765	2.723	7.7	21.2
4 21	14 37.22	− 6 34.4	1.719	2.711	4.2	20.9
5 1	14 28.32	− 5 47.4	1.701	2.700	3.5	20.8
5 11	14 19.48	− 5 8.6	1.710	2.688	6.7	21.0
5 21	14 11.65	− 4 42.4	1.744	2.676	10.5	21.2
5 31	14 5.61	− 4 31.4	1.802	2.663	14.0	21.4

268047 2004 QM_{21} 4 29.9 306°.17 3°.3/27.6 17

3 22	14 52.19	−10 0.0	1.608	2.438	16.0	20.4
4 1	14 49.52	− 9 14.9	1.514	2.420	12.6	20.2
4 11	14 44.25	− 8 20.6	1.440	2.402	8.7	19.9
4 21	14 36.89	− 7 21.6	1.390	2.384	4.6	19.6
5 1	14 28.36	− 6 24.3	1.365	2.366	3.7	19.5
5 11	14 19.82	− 5 35.8	1.367	2.349	7.5	19.7
5 21	14 12.41	− 5 1.8	1.392	2.332	12.0	19.9
5 31	14 7.05	− 4 46.3	1.439	2.315	16.0	20.1

258324 2001 UP_{230} 4 29.9 62°.30 3°.6/27.7 18

3 22	14 59.77	− 7 37.2	1.563	2.383	16.9	20.3
4 1	14 54.77	− 7 2.0	1.517	2.417	13.0	20.1
4 11	14 47.25	− 6 23.5	1.493	2.451	8.8	19.9
4 21	14 38.04	− 5 46.3	1.493	2.484	4.9	19.8
5 1	14 28.26	− 5 15.9	1.519	2.518	3.9	19.8
5 11	14 19.08	− 4 56.6	1.572	2.551	7.2	20.0
5 21	14 11.46	− 4 51.2	1.650	2.584	10.9	20.3
5 31	14 6.04	− 5 0.6	1.751	2.616	14.2	20.6

176547 2002 AQ_{90} 4 29.9 95°.94 2°.3/27.4 17

3 22	14 52.14	−10 54.9	2.517	3.320	11.7	20.5
4 1	14 48.09	− 9 50.4	2.449	3.340	9.0	20.4
4 11	14 42.45	− 8 39.9	2.404	3.361	6.1	20.2
4 21	14 35.72	− 7 27.3	2.388	3.380	3.2	20.1
5 1	14 28.54	− 6 17.4	2.401	3.400	2.6	20.0
5 11	14 21.62	− 5 14.8	2.443	3.419	5.1	20.2
5 21	14 15.56	− 4 23.3	2.513	3.438	8.0	20.4
5 31	14 10.84	− 3 45.2	2.608	3.457	10.6	20.6

299744 2006 RB_{83} 4 29.9 200°.15 0°.3/30.2 17

3 22	14 53.26	−17 45.4	2.523	3.307	12.2	22.0
4 1	14 49.25	−17 28.6	2.427	3.305	9.7	21.9
4 11	14 43.43	−17 2.6	2.354	3.303	6.6	21.7
4 21	14 36.28	−16 28.8	2.308	3.300	3.3	21.4
5 1	14 28.46	−15 49.8	2.290	3.297	0.4	21.2
5 11	14 20.75	−15 9.1	2.301	3.294	3.8	21.5
5 21	14 13.84	−14 30.6	2.340	3.291	7.2	21.7
5 31	14 8.33	−13 57.9	2.405	3.287	10.2	21.8

460860 2014 WD_{121} 4 29.9 220°.37 0°.2/29.7 17

3 22	14 55.49	−17 31.6	1.670	2.477	16.5	21.5
4 1	14 51.96	−16 57.9	1.582	2.474	13.1	21.2
4 11	14 45.78	−16 9.7	1.515	2.470	9.0	21.0
4 21	14 37.57	−15 9.5	1.472	2.466	4.3	20.7
5 1	14 28.31	−14 1.9	1.455	2.463	0.7	20.4
5 11	14 19.21	−12 54.0	1.465	2.458	5.6	20.7
5 21	14 11.37	−11 52.8	1.501	2.454	10.2	21.0
5 31	14 5.65	−11 4.3	1.560	2.449	14.3	21.2

253756 2003 WB_{100} 4 29.9 87°.88 1°.4/30.8 18

3 22	14 58.26	−19 53.3	1.614	2.412	17.4	20.8
4 1	14 54.06	−19 48.0	1.544	2.427	13.9	20.6
4 11	14 47.11	−19 28.3	1.493	2.442	9.7	20.3
4 21	14 38.14	−18 55.4	1.466	2.457	5.0	20.1
5 1	14 28.26	−18 12.5	1.465	2.472	1.4	19.9
5 11	14 18.73	−17 25.1	1.491	2.486	5.1	20.2
5 21	14 10.67	−16 39.6	1.543	2.501	9.6	20.5
5 31	14 4.89	−16 1.8	1.618	2.515	13.5	20.7

110173 2001 SF_{173} 4 29.9 91°.70 3°.3/ 1.8 18

3 22	15 2.68	−21 57.2	1.817	2.591	16.6	19.4
4 1	14 57.41	−22 42.3	1.740	2.605	13.5	19.2
4 11	14 49.39	−23 15.8	1.684	2.619	9.8	19.0
4 21	14 39.28	−23 36.0	1.652	2.633	5.9	18.8
5 1	14 28.12	−23 42.4	1.647	2.647	3.3	18.6
5 11	14 17.19	−23 37.4	1.670	2.661	5.3	18.8
5 21	14 7.63	−23 25.3	1.720	2.675	9.0	19.0
5 31	14 0.32	−23 11.3	1.794	2.688	12.5	19.3

153884 2001 XO_{158} 4 29.9 133°.32 3°.3/ 2.7 18 R

3 22	14 55.43	−26 22.6	1.923	2.691	16.0	19.7
4 1	14 51.66	−26 15.2	1.836	2.695	13.1	19.5
4 11	14 45.42	−25 50.0	1.768	2.699	9.7	19.3
4 21	14 37.35	−25 6.8	1.724	2.703	6.1	19.1
5 1	14 28.37	−24 7.7	1.707	2.707	3.4	19.0
5 11	14 19.60	−22 57.8	1.717	2.710	4.9	19.1
5 21	14 12.04	−21 43.9	1.754	2.713	8.5	19.3
5 31	14 6.47	−20 33.3	1.816	2.716	12.0	19.5

494278 2016 RW_6 4 29.9 230°.48 0°.2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.46	−17 26.6	2.276	3.071	13.0	21.8
4 1	14 48.01	−16 46.4	2.185	3.070	10.3	21.6
4 11	14 42.67	−15 55.0	2.117	3.069	7.0	21.4
4 21	14 35.94	−14 54.8	2.074	3.069	3.3	21.1
5 1	14 28.54	−13 49.8	2.060	3.068	0.6	20.9
5 11	14 21.29	−12 45.0	2.075	3.067	4.3	21.2
5 21	14 14.93	−11 45.6	2.117	3.066	7.9	21.4
5 31	14 10.07	−10 55.9	2.184	3.065	11.1	21.6

341142 2007 PN_{10} 4 29.9 252°.17 2°.0/ 1.5 18

3 22	14 55.12	−21 54.6	2.204	2.980	14.0	21.3
4 1	14 51.18	−21 54.8	2.100	2.969	11.3	21.1
4 11	14 45.04	−21 42.8	2.017	2.957	8.2	20.8
4 21	14 37.18	−21 18.5	1.958	2.944	4.6	20.6
5 1	14 28.39	−20 43.5	1.928	2.932	2.0	20.4
5 11	14 19.61	−20 1.5	1.925	2.919	4.3	20.5
5 21	14 11.74	−19 16.9	1.950	2.906	8.0	20.7
5 31	14 5.56	−18 35.2	2.000	2.893	11.4	20.9

483878 2005 YS_{165} 4 29.9 52°.35 27°.6/21.1 17

3 22	15 57.12	+49 16.9	0.951	1.593	36.0	19.9
4 1	15 37.89	+49 51.6	0.976	1.654	33.6	19.9
4 11	15 14.17	+49 22.0	1.008	1.715	31.4	20.0
4 21	14 49.42	+47 38.5	1.050	1.774	29.6	20.1
5 1	14 27.14	+44 43.9	1.106	1.833	28.4	20.3
5 11	14 9.61	+40 54.4	1.176	1.890	27.7	20.5
5 21	13 57.45	+36 31.3	1.262	1.946	27.6	20.7
5 31	13 50.32	+31 53.5	1.364	2.000	27.7	20.9

288881 2004 RM_{243} 4 29.9 267°.72 1°.0/30.6 17

3 22	14 55.87	−18 22.8	1.877	2.673	15.4	21.5
4 1	14 52.08	−18 23.7	1.782	2.666	12.3	21.3
4 11	14 45.81	−18 13.4	1.708	2.658	8.6	21.1
4 21	14 37.61	−17 52.6	1.658	2.650	4.4	20.8
5 1	14 28.35	−17 23.5	1.635	2.642	1.0	20.5
5 11	14 19.13	−16 50.3	1.639	2.634	4.8	20.8
5 21	14 11.00	−16 17.7	1.670	2.626	9.1	21.0
5 31	14 4.81	−15 50.8	1.724	2.618	12.9	21.2

249212 2008 DL_{84} 4 29.9 291°.93 1°.8/26.8 18

3 22	14 44.89	− 8 40.3	4.286	5.085	7.3	20.0
4 1	14 41.99	− 7 49.1	4.182	5.073	5.6	19.9
4 11	14 38.16	− 6 54.5	4.105	5.060	3.8	19.7
4 21	14 33.67	− 5 58.9	4.057	5.047	2.2	19.6
5 1	14 28.85	− 5 4.8	4.039	5.034	2.0	19.6
5 11	14 24.07	− 4 14.8	4.051	5.021	3.6	19.7
5 21	14 19.68	− 3 30.9	4.092	5.008	5.4	19.8
5 31	14 15.99	− 2 55.1	4.159	4.995	7.2	19.9

166748 Timrayschneider 4 29.9 269°.49 0°.1/29.9 18

3 22	14 53.38	−16 45.4	2.089	2.887	14.0	20.7
4 1	14 49.78	−16 26.3	1.994	2.880	11.0	20.5
4 11	14 44.04	−15 56.8	1.921	2.874	7.6	20.3
4 21	14 36.68	−15 18.7	1.874	2.868	3.7	20.0
5 1	14 28.47	−14 35.2	1.854	2.861	0.5	19.7
5 11	14 20.35	−13 50.9	1.862	2.855	4.6	20.0
5 21	14 13.18	−13 10.5	1.896	2.848	8.5	20.2
5 31	14 7.69	−12 38.3	1.956	2.842	12.0	20.4

240703 2005 GR_{48} 4 29.9 231°.17 1°.1/28.9 17

3 22	14 53.32	−13 36.5	2.275	3.076	12.9	21.2
4 1	14 49.48	−13 8.4	2.181	3.070	10.1	21.0
4 11	14 43.71	−12 32.3	2.110	3.065	6.8	20.8
4 21	14 36.48	−11 50.8	2.064	3.059	3.3	20.5
5 1	14 28.51	−11 7.4	2.047	3.053	1.4	20.4
5 11	14 20.63	−10 26.4	2.059	3.047	4.8	20.6
5 21	14 13.62	− 9 51.8	2.098	3.041	8.3	20.8
5 31	14 8.12	− 9 26.9	2.161	3.035	11.5	21.0

391752 2008 DK_{68} 4 29.9 115°.44 6°.0/ 5.5 17

3 22	15 0.77	−35 9.0	2.773	3.462	13.4	21.7
4 1	14 55.26	−36 0.2	2.687	3.477	11.5	21.6
4 11	14 47.62	−36 36.9	2.622	3.492	9.4	21.4
4 21	14 38.36	−36 56.4	2.581	3.507	7.4	21.3
5 1	14 28.28	−36 57.4	2.567	3.522	6.1	21.3
5 11	14 18.32	−36 41.2	2.580	3.536	6.2	21.3
5 21	14 9.32	−36 11.2	2.621	3.550	7.6	21.4
5 31	14 2.01	−35 32.3	2.688	3.563	9.5	21.5

2295 Matusovskij 4 29.9 198°.57 1°.2/30.9 18

3 22	14 54.45	−20 4.6	2.396	3.174	13.0	17.1
4 1	14 50.34	−19 56.4	2.300	3.172	10.4	16.9
4 11	14 44.27	−19 37.6	2.226	3.170	7.3	16.7
4 21	14 36.75	−19 8.9	2.178	3.167	3.9	16.5
5 1	14 28.49	−18 32.5	2.158	3.165	1.2	16.2
5 11	14 20.32	−17 52.0	2.167	3.162	3.9	16.4
5 21	14 13.03	−17 11.4	2.204	3.158	7.4	16.6
5 31	14 7.26	−16 35.1	2.267	3.155	10.5	16.8

497745 2006 SU_{232} 4 29.9 132°.05 1°.0/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.18	−20 23.0	2.991	3.756	10.9	23.2
4 1	14 49.57	−20 11.0	2.906	3.771	8.7	23.1
4 11	14 43.44	−19 50.2	2.845	3.785	6.1	22.9
4 21	14 36.24	−19 21.6	2.811	3.799	3.2	22.8
5 1	14 28.56	−18 46.9	2.807	3.813	1.0	22.6
5 11	14 21.05	−18 9.1	2.832	3.825	3.2	22.8
5 21	14 14.29	−17 31.5	2.887	3.838	6.0	23.0
5 31	14 8.77	−16 57.2	2.968	3.850	8.5	23.2

365503 2010 RJ_{62} 4 29.9 250°.80 2°.3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.39	−12 36.1	1.767	2.580	15.5	21.8
4 1	14 51.80	−11 46.3	1.669	2.567	12.2	21.6
4 11	14 45.68	−10 45.1	1.594	2.552	8.3	21.3
4 21	14 37.57	− 9 36.5	1.543	2.538	4.1	21.0
5 1	14 28.38	− 8 26.2	1.519	2.522	2.7	20.9
5 11	14 19.22	− 7 21.3	1.523	2.507	6.6	21.1
5 21	14 11.16	− 6 28.2	1.552	2.491	11.0	21.3
5 31	14 5.07	− 5 51.7	1.603	2.475	14.9	21.5

35886 1999 JG_{80} 4 29.9 247°.10 5°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.95	− 4 30.6	1.684	2.507	15.7	18.2
4 1	14 53.06	− 3 36.1	1.596	2.496	12.5	17.9
4 11	14 46.55	− 2 37.6	1.528	2.484	8.9	17.7
4 21	14 37.99	− 1 41.0	1.486	2.471	5.9	17.5
5 1	14 28.33	− 0 53.3	1.470	2.459	5.8	17.4
5 11	14 18.74	− 0 20.7	1.479	2.446	8.9	17.6
5 21	14 10.30	− 0 7.4	1.513	2.432	12.7	17.8
5 31	14 3.93	− 0 15.0	1.569	2.418	16.3	18.0

386153 2007 TB_{302} 4 29.9 114°.77 0°.4/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.26	−18 9.4	2.402	3.186	12.8	21.6
4 1	14 50.01	−17 50.3	2.321	3.199	10.1	21.4
4 11	14 43.92	−17 21.4	2.263	3.211	6.9	21.2
4 21	14 36.52	−16 44.5	2.231	3.223	3.4	21.0
5 1	14 28.53	−16 2.3	2.228	3.235	0.5	20.8
5 11	14 20.74	−15 18.8	2.253	3.246	3.9	21.1
5 21	14 13.87	−14 38.0	2.307	3.258	7.3	21.3
5 31	14 8.50	−14 3.7	2.386	3.269	10.2	21.5

85056 9093 P–L 4 29.9 262°.98 1°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.11	−19 13.5	1.849	2.641	15.7	20.3
4 1	14 53.27	−19 9.9	1.742	2.623	12.7	20.0
4 11	14 46.79	−18 53.7	1.655	2.603	9.0	19.8
4 21	14 38.17	−18 25.1	1.593	2.584	4.7	19.5
5 1	14 28.30	−17 46.3	1.557	2.564	1.2	19.2
5 11	14 18.33	−17 1.7	1.549	2.543	5.1	19.4
5 21	14 9.41	−16 17.1	1.567	2.523	9.6	19.6
5 31	14 2.50	−15 38.4	1.609	2.502	13.8	19.8

231316 2006 BP_{281} 4 29.9 290°.77 0°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.32	−17 34.6	1.863	2.662	15.3	20.7
4 1	14 51.66	−17 35.9	1.768	2.654	12.2	20.5
4 11	14 45.54	−17 26.6	1.695	2.646	8.5	20.2
4 21	14 37.49	−17 7.8	1.646	2.638	4.3	20.0
5 1	14 28.40	−16 41.5	1.623	2.630	0.8	19.7
5 11	14 19.34	−16 11.9	1.628	2.623	4.9	20.0
5 21	14 11.37	−15 43.6	1.659	2.615	9.2	20.2
5 31	14 5.32	−15 21.5	1.713	2.607	13.0	20.4

382177 2012 JK_{33} 4 29.9 285°.06 4°.6/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.36	− 5 35.3	1.817	2.638	14.8	20.4
4 1	14 51.81	− 4 48.0	1.710	2.610	11.8	20.2
4 11	14 45.76	− 3 55.7	1.626	2.582	8.4	19.9
4 21	14 37.67	− 3 3.1	1.566	2.554	5.3	19.6
5 1	14 28.37	− 2 16.6	1.533	2.525	5.1	19.6
5 11	14 18.93	− 1 42.2	1.526	2.496	8.3	19.7
5 21	14 10.43	− 1 24.6	1.544	2.467	12.2	19.8
5 31	14 3.81	− 1 26.5	1.584	2.438	16.0	20.0

519317 2011 ES_{89} 4 29.9 208°.51 4°.7/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.81	− 5 6.7	2.008	2.827	13.7	21.7
4 1	14 50.03	− 3 59.7	1.925	2.824	10.8	21.5
4 11	14 44.15	− 2 48.7	1.866	2.820	7.6	21.3
4 21	14 36.71	− 1 39.0	1.832	2.817	5.1	21.1
5 1	14 28.51	− 0 37.0	1.826	2.813	5.1	21.1
5 11	14 20.46	+ 0 11.6	1.847	2.809	7.8	21.2
5 21	14 13.39	+ 0 43.0	1.894	2.805	11.0	21.4
5 31	14 8.00	+ 0 55.4	1.963	2.800	14.0	21.6

380141 1999 TO_{239} 4 29.9 205°.03 0°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.19	−12 28.9	2.429	3.217	12.5	21.3
4 1	14 53.17	−12 26.6	2.330	3.213	9.8	21.1
4 11	14 46.18	−12 19.0	2.256	3.207	6.7	20.9
4 21	14 37.68	−12 7.8	2.208	3.202	3.2	20.7
5 1	14 28.39	−11 55.0	2.189	3.195	1.1	20.5
5 11	14 19.16	−11 43.5	2.200	3.189	4.5	20.7
5 21	14 10.78	−11 36.1	2.239	3.181	7.9	20.9
5 31	14 3.91	−11 35.2	2.304	3.173	11.1	21.1

461380 2001 FT_{199} 4 29.9 71°.97 1°.6/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.33	−19 53.7	1.493	2.294	18.4	21.4
4 1	14 55.07	−19 56.9	1.429	2.314	14.6	21.2
4 11	14 47.88	−19 45.5	1.385	2.334	10.2	21.0
4 21	14 38.56	−19 20.2	1.363	2.354	5.4	20.8
5 1	14 28.31	−18 44.1	1.368	2.374	1.6	20.6
5 11	14 18.50	−18 2.8	1.398	2.394	5.4	20.9
5 21	14 10.32	−17 22.6	1.454	2.413	9.9	21.2
5 31	14 4.58	−16 49.7	1.533	2.433	13.9	21.5

468448 2003 LS_3 4 29.9 304°.87 5°.4/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.84	− 5 36.5	1.885	2.701	14.6	22.2
4 1	14 53.25	− 4 23.3	1.749	2.646	11.8	21.8
4 11	14 47.02	− 2 59.6	1.635	2.589	8.6	21.5
4 21	14 38.46	− 1 30.7	1.547	2.532	5.8	21.2
5 1	14 28.28	− 0 4.1	1.486	2.473	6.1	21.1
5 11	14 17.55	+ 1 11.5	1.452	2.413	9.5	21.2
5 21	14 7.44	+ 2 8.4	1.444	2.352	13.9	21.2
5 31	13 59.07	+ 2 41.4	1.456	2.290	18.2	21.4

276946 2004 TU_{266} 4 29.9 255°.97 0°.1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.24	−16 11.8	2.023	2.821	14.4	21.5
4 1	14 51.40	−15 56.5	1.923	2.809	11.4	21.3
4 11	14 45.27	−15 31.2	1.844	2.797	7.8	21.0
4 21	14 37.35	−14 57.4	1.790	2.784	3.8	20.7
5 1	14 28.45	−14 18.1	1.764	2.771	0.5	20.4
5 11	14 19.57	−13 37.8	1.766	2.758	4.8	20.8
5 21	14 11.67	−13 1.3	1.794	2.745	9.0	21.0
5 31	14 5.52	−12 33.0	1.847	2.731	12.7	21.2

166751 2002 UZ_2 4 29.9 274°.28 6°.4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.86	+ 0 33.4	2.101	2.922	13.1	19.8
4 1	14 48.47	+ 1 50.4	2.016	2.911	10.5	19.6
4 11	14 43.09	+ 3 7.7	1.955	2.900	8.1	19.4
4 21	14 36.23	+ 4 19.0	1.920	2.888	6.5	19.3
5 1	14 28.60	+ 5 17.7	1.911	2.877	7.0	19.3
5 11	14 21.07	+ 5 58.5	1.929	2.866	9.2	19.4
5 21	14 14.42	+ 6 18.4	1.971	2.854	11.9	19.6
5 31	14 9.33	+ 6 16.6	2.034	2.843	14.6	19.7

78070 2002 LG_5 4 29.9 253°.56 4°.6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.01	−31 31.4	2.486	3.211	13.9	19.5
4 1	14 51.86	−31 36.2	2.367	3.192	11.8	19.3
4 11	14 45.53	−31 24.3	2.268	3.172	9.3	19.1
4 21	14 37.47	−30 54.0	2.194	3.152	6.7	18.9
5 1	14 28.44	−30 5.4	2.147	3.131	4.8	18.7
5 11	14 19.39	−29 1.2	2.128	3.109	5.3	18.7
5 21	14 11.23	−27 46.5	2.136	3.088	7.7	18.8
5 31	14 4.72	−26 27.7	2.171	3.065	10.6	19.0

208612 2002 CR_{256} 4 29.9 134°.56 1°.3/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.78	−13 16.9	1.703	2.510	16.3	21.2
4 1	14 55.07	−12 54.9	1.628	2.520	12.8	21.0
4 11	14 47.75	−12 23.9	1.574	2.530	8.6	20.8
4 21	14 38.50	−11 46.9	1.545	2.540	4.1	20.5
5 1	14 28.33	−11 8.1	1.543	2.549	1.6	20.4
5 11	14 18.47	−10 32.8	1.568	2.557	5.8	20.7
5 21	14 9.95	−10 5.7	1.619	2.565	10.1	20.9
5 31	14 3.58	− 9 50.6	1.694	2.572	13.9	21.2

35721 1999 FW_{39} 4 29.9 225°.49 3°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.30	−24 12.3	1.753	2.527	17.1	19.1
4 1	14 56.00	−24 34.0	1.655	2.519	14.1	18.9
4 11	14 48.77	−24 40.7	1.576	2.511	10.4	18.7
4 21	14 39.18	−24 30.6	1.521	2.502	6.5	18.4
5 1	14 28.24	−24 3.9	1.492	2.493	3.7	18.2
5 11	14 17.28	−23 23.9	1.490	2.483	5.6	18.3
5 21	14 7.59	−22 36.7	1.514	2.472	9.7	18.5
5 31	14 0.20	−21 49.6	1.562	2.461	13.7	18.7

234960 2002 WS_{13} 4 29.9 231°.57 2°.4/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.98	−12 22.1	1.614	2.429	16.6	20.9
4 1	14 54.09	−11 37.9	1.521	2.419	13.1	20.6
4 11	14 47.39	−10 42.3	1.449	2.408	9.0	20.3
4 21	14 38.47	− 9 39.3	1.402	2.397	4.5	20.0
5 1	14 28.33	− 8 34.9	1.381	2.385	2.8	19.9
5 11	14 18.25	− 7 36.5	1.387	2.372	7.0	20.1
5 21	14 9.42	− 6 50.4	1.418	2.359	11.7	20.3
5 31	14 2.81	− 6 21.5	1.470	2.345	15.9	20.6

359923 2011 WR_{137} 4 29.9 254°.90 3°.8/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.88	−28 15.6	2.511	3.256	13.3	21.0
4 1	14 50.02	−28 26.9	2.407	3.248	11.1	20.9
4 11	14 44.16	−28 24.2	2.323	3.240	8.5	20.7
4 21	14 36.76	−28 6.7	2.265	3.232	5.8	20.5
5 1	14 28.55	−27 34.8	2.233	3.224	3.9	20.3
5 11	14 20.38	−26 51.3	2.229	3.216	4.7	20.4
5 21	14 13.06	−26 0.3	2.253	3.208	7.2	20.5
5 31	14 7.28	−25 7.1	2.303	3.199	10.0	20.7

78858 2003 QX_{73} 4 29.9 176°.70 2°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.61	−10 34.3	2.289	3.094	12.7	20.6
4 1	14 49.60	− 9 40.7	2.203	3.096	9.9	20.4
4 11	14 43.73	− 8 40.2	2.140	3.097	6.7	20.2
4 21	14 36.48	− 7 36.6	2.105	3.098	3.5	20.0
5 1	14 28.59	− 6 34.7	2.098	3.098	2.8	20.0
5 11	14 20.86	− 5 39.6	2.120	3.098	5.6	20.1
5 21	14 14.01	− 4 55.4	2.169	3.098	8.9	20.3
5 31	14 8.67	− 4 24.9	2.242	3.097	11.9	20.5

500621 2012 UM_{152} 4 29.9 130°.90 1°.0/28.8 17

3 22	14 54.05	−12 38.6	2.972	3.759	10.5	23.3
4 1	14 49.40	−12 13.6	2.893	3.775	8.1	23.2
4 11	14 43.30	−11 43.4	2.839	3.791	5.5	23.0
4 21	14 36.19	−11 10.1	2.812	3.806	2.6	22.8
5 1	14 28.63	−10 36.4	2.816	3.821	1.2	22.7
5 11	14 21.26	−10 5.2	2.849	3.835	3.8	22.9
5 21	14 14.61	− 9 39.1	2.911	3.848	6.5	23.1
5 31	14 9.16	− 9 20.3	2.999	3.861	9.0	23.3

127493 2002 TU_{29} 4 29.9 149°.61 1°.0/29.2 18

3 22	14 58.26	−15 41.4	1.498	2.311	17.8	20.6
4 1	14 54.33	−15 4.1	1.421	2.317	14.0	20.4
4 11	14 47.49	−14 13.0	1.364	2.322	9.5	20.1
4 21	14 38.46	−13 11.5	1.331	2.326	4.5	19.8
5 1	14 28.35	−12 5.3	1.324	2.330	1.4	19.6
5 11	14 18.54	−11 2.0	1.343	2.334	6.3	20.0
5 21	14 10.21	−10 8.8	1.387	2.337	11.1	20.2
5 31	14 4.26	− 9 30.9	1.454	2.340	15.3	20.5

200764 2001 XP_{3} 4 29.9 130°.89 5°.0/27.7 18

3 22	15 9.11	− 0 45.1	1.786	2.581	16.1	19.8
4 1	15 2.09	− 0 46.2	1.713	2.595	12.8	19.6
4 11	14 52.37	− 0 51.3	1.663	2.608	9.2	19.4
4 21	14 40.68	− 1 4.0	1.639	2.621	5.9	19.2
5 1	14 28.11	− 1 27.5	1.644	2.634	5.2	19.2
5 11	14 15.92	− 2 3.6	1.677	2.645	7.9	19.4
5 21	14 5.20	− 2 52.0	1.738	2.656	11.4	19.6
5 31	13 56.78	− 3 51.9	1.823	2.666	14.7	19.9

469508 2003 HM_{50} 4 29.9 316°.07 0°.8/29.2 17

3 22	14 48.23	−20 2.0	1.497	2.318	17.4	20.1
4 1	14 46.87	−18 44.0	1.386	2.286	14.0	19.8
4 11	14 42.75	−16 59.4	1.295	2.255	9.7	19.5
4 21	14 36.36	−14 50.9	1.228	2.224	4.6	19.1
5 1	14 28.60	−12 26.0	1.186	2.193	1.3	18.8
5 11	14 20.75	− 9 56.9	1.171	2.163	6.8	19.0
5 21	14 14.04	− 7 37.2	1.181	2.134	12.3	19.2
5 31	14 9.53	− 5 38.8	1.213	2.106	17.3	19.4

418974 2009 HE_{90} 4 29.9 339°.13 0°.5/29.7 17

3 22	14 52.18	−14 44.0	1.211	2.052	19.5	20.6
4 1	14 50.43	−14 41.8	1.130	2.041	15.5	20.3
4 11	14 45.41	−14 27.6	1.067	2.031	10.7	20.0
4 21	14 37.69	−14 3.4	1.025	2.021	5.2	19.6
5 1	14 28.46	−13 33.5	1.006	2.013	1.0	19.3
5 11	14 19.28	−13 4.2	1.010	2.006	6.8	19.6
5 21	14 11.63	−12 42.3	1.037	2.000	12.4	19.9
5 31	14 6.68	−12 33.1	1.083	1.995	17.3	20.2

425246 2009 WC_{48} 4 29.9 199°.12 3°.4/ 3.2 17

3 22	14 55.69	−28 40.1	2.156	2.906	15.1	21.2
4 1	14 51.67	−28 15.8	2.057	2.903	12.5	21.0
4 11	14 45.37	−27 32.4	1.978	2.901	9.4	20.8
4 21	14 37.37	−26 29.6	1.924	2.898	6.0	20.6
5 1	14 28.52	−25 9.6	1.897	2.894	3.5	20.4
5 11	14 19.85	−23 37.9	1.898	2.890	4.7	20.5
5 21	14 12.28	−22 1.6	1.928	2.886	8.0	20.7
5 31	14 6.54	−20 28.4	1.984	2.881	11.3	20.9

135078 2001 PB_{58} 4 29.9 160°.91 2°.0/ 1.6 18

3 22	14 57.18	−21 39.5	2.656	3.417	12.3	19.9
4 1	14 52.28	−21 55.0	2.562	3.421	9.9	19.8
4 11	14 45.52	−22 1.3	2.491	3.426	7.1	19.6
4 21	14 37.37	−21 58.1	2.447	3.430	4.1	19.4
5 1	14 28.52	−21 46.2	2.431	3.433	2.0	19.2
5 11	14 19.77	−21 28.0	2.445	3.437	3.7	19.4
5 21	14 11.84	−21 6.5	2.487	3.440	6.7	19.6
5 31	14 5.37	−20 45.4	2.556	3.442	9.5	19.7

416027 2002 DY 4 29.9 16°.44 8°.2/ 4.7 17

3 22	14 59.16	−31 55.0	1.613	2.366	19.2	20.8
4 1	14 55.60	−33 16.6	1.533	2.369	16.5	20.6
4 11	14 48.78	−34 20.3	1.470	2.373	13.4	20.4
4 21	14 39.29	−35 0.6	1.429	2.377	10.4	20.2
5 1	14 28.28	−35 13.9	1.411	2.382	8.4	20.1
5 11	14 17.32	−35 1.2	1.418	2.388	8.7	20.1
5 21	14 7.87	−34 28.0	1.448	2.394	11.1	20.3
5 31	14 1.11	−33 42.6	1.500	2.401	14.1	20.5

363413 2003 QL_{58} 4 29.9 196°.76 2°.7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.74	−23 21.3	2.109	2.871	15.0	21.9
4 1	14 55.71	−23 31.8	2.010	2.869	12.2	21.7
4 11	14 48.22	−23 29.3	1.932	2.865	8.9	21.5
4 21	14 38.80	−23 12.8	1.879	2.860	5.3	21.3
5 1	14 28.35	−22 43.3	1.853	2.855	2.7	21.1
5 11	14 17.96	−22 4.1	1.857	2.849	4.7	21.2
5 21	14 8.65	−21 20.3	1.888	2.842	8.4	21.4
5 31	14 1.27	−20 37.5	1.944	2.834	11.9	21.6

32927 1995 OY_{3} 4 29.9 293°.83 0°.6/29.5 16

3 22	14 52.71	−15 5.3	2.111	2.914	13.7	20.7
4 1	14 49.39	−14 44.7	2.003	2.893	10.8	20.5
4 11	14 43.91	−14 14.6	1.916	2.871	7.4	20.2
4 21	14 36.74	−13 36.9	1.855	2.850	3.6	20.0
5 1	14 28.60	−12 54.9	1.821	2.828	0.9	19.7
5 11	14 20.41	−12 13.0	1.815	2.807	4.9	20.0
5 21	14 13.07	−11 36.0	1.836	2.785	8.9	20.1
5 31	14 7.34	−11 8.0	1.881	2.764	12.5	20.3

73562 2810 $P\text{–}L$ 4 29.9 253°.95 1°.2/29.1 17

3 22	14 55.83	−14 48.4	1.658	2.471	16.4	20.0
4 1	14 52.36	−14 15.5	1.565	2.460	13.0	19.8
4 11	14 46.19	−13 30.2	1.492	2.450	8.8	19.5
4 21	14 37.90	−12 35.4	1.443	2.439	4.2	19.2
5 1	14 28.46	−11 36.1	1.421	2.427	1.5	19.0
5 11	14 19.07	−10 39.0	1.425	2.416	6.1	19.3
5 21	14 10.88	− 9 50.5	1.455	2.404	10.8	19.5
5 31	14 4.81	− 9 15.9	1.507	2.392	15.0	19.7

141006 2001 WS_{32} 4 29.9 114°.99 2°.2/28.3 17

3 22	14 55.63	−11 27.1	1.857	2.669	14.9	19.8
4 1	14 51.61	−10 51.0	1.781	2.677	11.6	19.6
4 11	14 45.30	−10 7.3	1.726	2.684	7.8	19.4
4 21	14 37.32	− 9 19.8	1.697	2.691	3.9	19.2
5 1	14 28.55	− 8 33.2	1.695	2.698	2.5	19.1
5 11	14 20.02	− 7 52.8	1.720	2.705	6.0	19.3
5 21	14 12.64	− 7 23.0	1.772	2.711	9.8	19.5
5 31	14 7.12	− 7 6.7	1.846	2.718	13.3	19.8

430314 2013 XG_{16} 4 29.9 252°.35 3°.5/ 2.7 18

3 22	14 58.10	−26 32.4	2.280	3.030	14.3	21.7
4 1	14 53.70	−26 37.9	2.160	3.008	11.9	21.5
4 11	14 46.92	−26 28.7	2.061	2.985	9.0	21.3
4 21	14 38.23	−26 3.4	1.987	2.961	5.8	21.0
5 1	14 28.42	−25 22.3	1.940	2.937	3.5	20.8
5 11	14 18.50	−24 28.5	1.922	2.911	4.9	20.9
5 21	14 9.46	−23 27.0	1.931	2.885	8.2	21.0
5 31	14 2.18	−22 24.2	1.966	2.859	11.6	21.2

302041 2000 SM_{305} 4 29.9 212°.94 4°.3/ 3.9 18

3 22	14 57.91	−30 15.5	2.996	3.711	12.0	21.7
4 1	14 52.91	−30 49.2	2.887	3.704	10.1	21.5
4 11	14 46.02	−31 11.3	2.799	3.697	7.9	21.3
4 21	14 37.67	−31 20.2	2.737	3.689	5.8	21.2
5 1	14 28.50	−31 15.2	2.702	3.681	4.4	21.1
5 11	14 19.30	−30 57.7	2.697	3.672	4.8	21.1
5 21	14 10.83	−30 30.3	2.720	3.663	6.7	21.2
5 31	14 3.75	−29 57.2	2.770	3.653	9.0	21.3

229120 2004 RE_{121} 4 29.9 295°.48 1°.1/30.7 17

3 22	14 55.53	−18 37.3	1.784	2.583	15.9	20.9
4 1	14 51.96	−18 38.1	1.693	2.578	12.7	20.7
4 11	14 45.83	−18 27.1	1.622	2.573	8.9	20.4
4 21	14 37.70	−18 5.0	1.575	2.567	4.6	20.1
5 1	14 28.50	−17 34.1	1.555	2.562	1.1	19.9
5 11	14 19.38	−16 58.7	1.562	2.557	5.0	20.1
5 21	14 11.41	−16 24.2	1.594	2.552	9.3	20.4
5 31	14 5.46	−15 55.8	1.650	2.547	13.3	20.6

348907 2006 SC_{396} 4 29.9 206°.19 0°.9/29.1 18

3 22	14 53.13	−13 46.3	2.474	3.270	12.1	21.7
4 1	14 49.18	−13 21.6	2.381	3.268	9.5	21.5
4 11	14 43.44	−12 49.8	2.311	3.265	6.4	21.3
4 21	14 36.39	−12 13.0	2.267	3.262	3.0	21.1
5 1	14 28.67	−11 34.3	2.252	3.259	1.1	20.9
5 11	14 21.05	−10 57.5	2.266	3.255	4.4	21.1
5 21	14 14.23	−10 26.1	2.308	3.251	7.7	21.3
5 31	14 8.81	−10 3.2	2.375	3.247	10.7	21.5

490710 2010 RU_{18} 4 29.9 218°.43 15°.8/ 6.8 18

3 22	15 11.71	−42 39.1	1.378	2.074	24.3	21.6
4 1	15 7.79	−45 4.5	1.294	2.069	22.2	21.4
4 11	14 58.77	−47 8.9	1.224	2.063	19.8	21.2
4 21	14 44.87	−48 39.1	1.171	2.057	17.6	21.0
5 1	14 27.57	−49 22.3	1.138	2.050	16.1	20.9
5 11	14 9.58	−49 12.9	1.125	2.043	16.0	20.9
5 21	13 53.85	−48 16.0	1.132	2.035	17.3	20.9
5 31	13 42.66	−46 46.0	1.157	2.026	19.6	21.0

213753 2002 XX_{115} 4 29.9 188°.54 0°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.77	−17 18.5	2.581	3.362	12.1	20.9
4 1	14 50.43	−17 17.1	2.486	3.362	9.5	20.7
4 11	14 44.28	−17 7.8	2.414	3.361	6.6	20.5
4 21	14 36.80	−16 51.7	2.368	3.360	3.3	20.3
5 1	14 28.63	−16 30.5	2.352	3.359	0.6	20.1
5 11	14 20.55	−16 7.1	2.364	3.357	3.7	20.3
5 21	14 13.26	−15 44.7	2.405	3.356	7.0	20.6
5 31	14 7.36	−15 26.4	2.471	3.354	9.9	20.7

469513 2003 QR_{79} 4 29.9 122°.12 24°.7/12.2 17

3 22	15 52.55	−48 43.6	0.757	1.457	39.4	22.7
4 1	15 45.52	−52 31.6	0.725	1.492	35.8	22.5
4 11	15 28.08	−55 41.5	0.700	1.524	32.0	22.4
4 21	15 0.06	−57 41.7	0.686	1.553	28.5	22.3
5 1	14 25.82	−58 1.4	0.684	1.579	25.8	22.2
5 11	13 53.65	−56 36.0	0.698	1.601	24.7	22.3
5 21	13 30.15	−53 53.3	0.727	1.621	25.3	22.4
5 31	13 17.29	−50 35.3	0.770	1.637	27.1	22.6

147729 2005 MP_{34} 4 29.9 275°.70 1°.3/30.8 17

3 22	14 56.08	−19 37.8	1.784	2.579	16.1	20.7
4 1	14 52.61	−19 33.2	1.677	2.559	13.0	20.4
4 11	14 46.46	−19 15.1	1.590	2.539	9.2	20.1
4 21	14 38.11	−18 43.8	1.527	2.518	4.9	19.8
5 1	14 28.46	−18 1.5	1.491	2.497	1.3	19.5
5 11	14 18.71	−17 12.8	1.481	2.476	5.2	19.8
5 21	14 10.02	−16 23.9	1.497	2.455	9.8	20.0
5 31	14 3.39	−15 41.2	1.537	2.433	14.1	20.2

491253 2011 UT_{245} 4 29.9 214°.87 0°.5/29.4 18

3 22	14 52.82	−14 51.0	3.235	4.015	9.9	23.7
4 1	14 48.52	−14 26.4	3.128	4.005	7.7	23.5
4 11	14 42.80	−13 55.6	3.045	3.995	5.2	23.4
4 21	14 36.04	−13 19.9	2.991	3.985	2.5	23.2
5 1	14 28.74	−12 41.8	2.967	3.973	0.7	23.0
5 11	14 21.48	−12 4.1	2.972	3.961	3.4	23.2
5 21	14 14.81	−11 29.7	3.008	3.949	6.2	23.4
5 31	14 9.21	−11 1.2	3.069	3.936	8.7	23.5

4211 Rosniblett 4 29.9 258°.97 0°.1/30.0 18

3 22	14 52.77	−16 39.9	2.696	3.481	11.5	17.4
4 1	14 48.89	−16 24.3	2.586	3.465	9.1	17.2
4 11	14 43.27	−16 0.7	2.499	3.449	6.3	17.0
4 21	14 36.35	−15 30.2	2.439	3.432	3.1	16.7
5 1	14 28.71	−14 55.1	2.407	3.415	0.3	16.5
5 11	14 21.07	−14 18.8	2.405	3.397	3.8	16.7
5 21	14 14.11	−13 44.7	2.431	3.380	7.1	16.9
5 31	14 8.44	−13 16.2	2.483	3.362	10.0	17.1

422392 2014 SH_{278} 4 29.9 174°.41 2°.2/ 1.7 16

3 22	14 59.24	−23 6.6	2.017	2.786	15.3	22.1
4 1	14 54.53	−22 59.6	1.925	2.790	12.4	21.9
4 11	14 47.38	−22 37.9	1.855	2.792	8.9	21.7
4 21	14 38.39	−22 1.6	1.809	2.794	5.1	21.4
5 1	14 28.48	−21 12.7	1.791	2.795	2.3	21.3
5 11	14 18.73	−20 15.9	1.802	2.795	4.6	21.4
5 21	14 10.15	−19 17.1	1.840	2.795	8.4	21.6
5 31	14 3.52	−18 22.5	1.903	2.794	12.0	21.9

419579 2010 RL_{71} 4 29.9 201°.99 1°.0/30.7 17

3 22	14 58.86	−19 22.3	2.055	2.836	14.7	22.6
4 1	14 54.21	−19 13.5	1.957	2.832	11.8	22.3
4 11	14 47.18	−18 52.7	1.881	2.827	8.3	22.1
4 21	14 38.32	−18 20.8	1.831	2.821	4.3	21.8
5 1	14 28.48	−17 40.0	1.808	2.815	1.0	21.6
5 11	14 18.73	−16 54.7	1.814	2.808	4.6	21.8
5 21	14 10.03	−16 10.1	1.848	2.801	8.6	22.1
5 31	14 3.19	−15 31.3	1.906	2.792	12.3	22.3

434334 2004 KU_{18} 4 29.9 321°.90 12°.0/18.9 17

3 22	14 55.11	+18 50.5	2.016	2.802	14.8	20.3
4 1	14 51.15	+20 5.3	1.951	2.790	13.3	20.2
4 11	14 44.99	+21 5.3	1.907	2.779	12.3	20.1
4 21	14 37.20	+21 42.6	1.884	2.768	12.0	20.0
5 1	14 28.63	+21 51.0	1.884	2.757	12.7	20.0
5 11	14 20.25	+21 27.8	1.906	2.747	14.1	20.1
5 21	14 12.95	+20 33.6	1.948	2.736	15.8	20.2
5 31	14 7.42	+19 12.1	2.008	2.727	17.6	20.3

87300 2000 PF_{25} 4 29.9 288°.66 3°.7/27.3 18

3 22	14 54.41	− 8 8.7	1.777	2.598	15.1	19.8
4 1	14 51.13	− 7 26.3	1.674	2.575	11.9	19.5
4 11	14 45.35	− 6 37.0	1.592	2.551	8.3	19.2
4 21	14 37.55	− 5 45.2	1.535	2.527	4.7	19.0
5 1	14 28.57	− 4 56.6	1.505	2.503	4.1	18.9
5 11	14 19.51	− 4 17.5	1.501	2.479	7.5	19.0
5 21	14 11.43	− 3 52.8	1.522	2.455	11.7	19.2
5 31	14 5.26	− 3 45.8	1.565	2.431	15.6	19.4

435403 2008 AW_{12} 4 29.9 202°.50 3°.6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.73	− 4 16.5	2.735	3.540	10.8	21.8
4 1	14 48.63	− 3 28.9	2.646	3.536	8.5	21.6
4 11	14 42.96	− 2 39.3	2.581	3.532	6.0	21.5
4 21	14 36.14	− 1 51.6	2.544	3.527	4.0	21.3
5 1	14 28.76	− 1 9.6	2.535	3.522	4.0	21.3
5 11	14 21.48	− 0 37.0	2.556	3.516	6.0	21.4
5 21	14 14.90	− 0 16.2	2.603	3.510	8.5	21.6
5 31	14 9.54	− 0 8.7	2.675	3.504	10.9	21.7

213413 2001 WR_{75} 4 29.9 269°.72 1°.2/28.9 18

3 22	14 53.82	−12 27.3	2.276	3.077	12.8	20.4
4 1	14 49.97	−12 10.6	2.177	3.067	10.1	20.2
4 11	14 44.14	−11 47.5	2.101	3.057	6.8	19.9
4 21	14 36.81	−11 20.1	2.052	3.046	3.3	19.7
5 1	14 28.68	−10 51.6	2.030	3.036	1.4	19.5
5 11	14 20.59	−10 25.6	2.037	3.025	4.8	19.8
5 21	14 13.33	−10 5.5	2.071	3.014	8.4	20.0
5 31	14 7.58	− 9 54.4	2.129	3.004	11.6	20.1

473035 2015 HW_{73} 4 29.9 290°.79 1°.5/28.8 17

3 22	14 53.39	−12 24.4	2.057	2.865	13.8	21.5
4 1	14 49.84	−12 1.3	1.963	2.857	10.8	21.3
4 11	14 44.16	−11 30.8	1.891	2.848	7.3	21.1
4 21	14 36.85	−10 55.6	1.845	2.840	3.6	20.8
5 1	14 28.68	−10 19.3	1.826	2.831	1.7	20.7
5 11	14 20.58	− 9 46.4	1.835	2.822	5.3	20.9
5 21	14 13.41	− 9 21.0	1.870	2.814	9.1	21.1
5 31	14 7.89	− 9 6.3	1.929	2.806	12.5	21.3

255594 2006 OE_{14} 4 29.9 276°.96 5°.3/26.3 18

3 22	14 55.12	− 5 27.0	1.585	2.415	16.2	20.5
4 1	14 51.86	− 4 28.7	1.496	2.401	12.9	20.2
4 11	14 45.90	− 3 24.9	1.428	2.386	9.1	20.0
4 21	14 37.82	− 2 21.8	1.385	2.372	5.9	19.7
5 1	14 28.56	− 1 26.7	1.366	2.357	5.8	19.7
5 11	14 19.34	− 0 47.0	1.373	2.343	9.1	19.8
5 21	14 11.31	− 0 27.3	1.404	2.328	13.1	20.0
5 31	14 5.39	− 0 29.9	1.456	2.313	16.9	20.2

382096 2011 GT_{49} 4 29.9 191°.42 0°.9/30.6 17

3 22	14 56.80	−18 7.8	2.029	2.819	14.6	21.4
4 1	14 52.58	−18 10.1	1.939	2.818	11.6	21.2
4 11	14 46.06	−18 2.4	1.870	2.818	8.1	21.0
4 21	14 37.77	−17 45.2	1.826	2.817	4.2	20.7
5 1	14 28.58	−17 20.8	1.809	2.816	0.9	20.5
5 11	14 19.49	−16 52.7	1.820	2.815	4.5	20.7
5 21	14 11.45	−16 25.3	1.859	2.813	8.4	21.0
5 31	14 5.22	−16 2.9	1.922	2.812	12.0	21.2

164547 2006 JY_{43} 4 29.9 222°.46 1°.3/28.9 16

3 22	14 57.66	−14 21.5	1.971	2.770	14.6	21.1
4 1	14 53.34	−13 42.6	1.871	2.760	11.6	20.9
4 11	14 46.64	−12 52.8	1.794	2.748	7.9	20.6
4 21	14 38.09	−11 55.0	1.742	2.737	3.8	20.3
5 1	14 28.55	−10 53.5	1.718	2.724	1.6	20.2
5 11	14 19.05	− 9 54.3	1.723	2.711	5.6	20.4
5 21	14 10.59	− 9 3.1	1.754	2.696	9.8	20.6
5 31	14 3.97	− 8 24.6	1.810	2.681	13.5	20.8

506988 2008 SK_{218} 4 29.9 274°.97 5°.0/ 2.9 18

3 22	15 1.97	−27 43.8	2.232	2.971	14.9	21.8
4 1	14 57.13	−28 30.2	2.103	2.940	12.6	21.6
4 11	14 49.60	−29 4.9	1.994	2.907	9.9	21.4
4 21	14 39.74	−29 24.9	1.910	2.874	7.0	21.1
5 1	14 28.33	−29 27.9	1.853	2.840	5.1	20.9
5 11	14 16.51	−29 14.1	1.824	2.805	6.1	20.9
5 21	14 5.46	−28 46.9	1.823	2.770	9.1	21.0
5 31	13 56.28	−28 11.9	1.846	2.734	12.5	21.2

303766 2005 QG_{168} 4 29.9 273°.50 3°.6/ 3.2 18

3 22	14 53.60	−27 36.4	2.385	3.136	13.7	20.8
4 1	14 49.98	−27 41.4	2.276	3.123	11.4	20.6
4 11	14 44.26	−27 31.8	2.189	3.110	8.7	20.4
4 21	14 36.92	−27 6.6	2.125	3.097	5.8	20.2
5 1	14 28.70	−26 26.7	2.089	3.083	3.7	20.0
5 11	14 20.48	−25 35.0	2.081	3.070	4.6	20.0
5 21	14 13.14	−24 36.3	2.099	3.056	7.5	20.2
5 31	14 7.40	−23 36.5	2.144	3.042	10.6	20.3

521296 2015 JD_{16} 4 29.9 290°.18 1°.5/ 1.2 17

3 22	14 52.84	−21 0.7	2.185	2.969	13.9	22.1
4 1	14 49.40	−20 50.6	2.086	2.961	11.1	21.8
4 11	14 43.86	−20 28.0	2.009	2.954	7.9	21.6
4 21	14 36.72	−19 53.9	1.958	2.946	4.3	21.4
5 1	14 28.74	−19 10.4	1.933	2.939	1.5	21.2
5 11	14 20.83	−18 21.6	1.936	2.931	4.2	21.3
5 21	14 13.84	−17 32.5	1.967	2.924	7.9	21.6
5 31	14 8.47	−16 48.1	2.022	2.917	11.3	21.8

286368 2001 XQ_{165} 4 29.9 144°.16 3°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.53	−29 35.7	2.472	3.212	13.6	20.9
4 1	14 49.71	−29 28.9	2.377	3.214	11.3	20.7
4 11	14 43.92	−29 6.0	2.303	3.217	8.6	20.5
4 21	14 36.69	−28 26.7	2.253	3.220	5.9	20.4
5 1	14 28.75	−27 32.3	2.231	3.222	3.9	20.2
5 11	14 20.98	−26 26.6	2.237	3.224	4.5	20.3
5 21	14 14.14	−25 14.7	2.271	3.227	7.1	20.4
5 31	14 8.88	−24 2.6	2.331	3.229	9.8	20.6

278869 2008 TD_{57} 4 29.9 261°.99 0°.4/29.6 17

3 22	14 54.25	−15 49.1	1.948	2.751	14.6	21.2
4 1	14 50.66	−15 26.9	1.857	2.747	11.6	20.9
4 11	14 44.79	−14 54.2	1.788	2.743	7.9	20.7
4 21	14 37.19	−14 13.4	1.744	2.738	3.8	20.4
5 1	14 28.70	−13 27.9	1.727	2.734	0.7	20.2
5 11	14 20.32	−12 42.8	1.737	2.730	5.0	20.5
5 21	14 12.97	−12 3.0	1.774	2.725	9.0	20.7
5 31	14 7.42	−11 33.0	1.835	2.721	12.7	20.9

273026 2006 DW_{111} 4 29.9 352°.53 2°.2/28.4 17

3 22	14 51.71	−12 39.8	1.656	2.480	15.9	20.2
4 1	14 48.98	−11 56.2	1.574	2.478	12.4	20.0
4 11	14 43.79	−11 2.2	1.514	2.475	8.4	19.7
4 21	14 36.74	−10 1.9	1.478	2.474	4.1	19.5
5 1	14 28.75	− 9 1.2	1.468	2.472	2.5	19.4
5 11	14 20.94	− 8 6.8	1.484	2.471	6.4	19.6
5 21	14 14.31	− 7 24.5	1.525	2.471	10.7	19.9
5 31	14 9.63	− 6 58.1	1.588	2.471	14.5	20.1

173981 2001 XK_{139} 4 29.9 87°.08 3°.3/27.3 18

3 22	14 54.38	− 5 32.5	2.283	3.093	12.5	20.1
4 1	14 50.21	− 5 6.9	2.203	3.097	9.8	19.9
4 11	14 44.18	− 4 39.7	2.147	3.101	6.8	19.7
4 21	14 36.79	− 4 14.2	2.117	3.106	4.1	19.6
5 1	14 28.75	− 3 54.3	2.115	3.110	3.6	19.5
5 11	14 20.89	− 3 43.0	2.141	3.114	6.0	19.7
5 21	14 13.91	− 3 42.7	2.194	3.118	9.0	19.9
5 31	14 8.43	− 3 54.3	2.271	3.123	11.9	20.1

96451 1998 GW_{7} 4 29.9 341°.90 7°.7/25.9 18

3 22	14 57.31	+ 3 1.2	1.530	2.359	16.8	18.7
4 1	14 53.54	+ 3 31.0	1.454	2.352	13.7	18.5
4 11	14 47.00	+ 3 54.7	1.399	2.345	10.5	18.2
4 21	14 38.33	+ 4 5.6	1.366	2.339	8.1	18.1
5 1	14 28.57	+ 3 57.8	1.358	2.333	8.1	18.1
5 11	14 18.97	+ 3 27.7	1.374	2.329	10.6	18.2
5 21	14 10.70	+ 2 35.3	1.413	2.325	14.0	18.4
5 31	14 4.65	+ 1 22.5	1.474	2.321	17.3	18.6

263981 2009 KX_{16} 4 29.9 209°.84 2°.7/27.8 17

3 22	14 58.21	− 9 7.8	2.165	2.966	13.4	21.9
4 1	14 53.46	− 8 31.9	2.069	2.959	10.6	21.7
4 11	14 46.56	− 7 50.5	1.997	2.951	7.2	21.5
4 21	14 38.02	− 7 6.8	1.951	2.942	3.9	21.3
5 1	14 28.61	− 6 25.2	1.933	2.933	3.0	21.2
5 11	14 19.28	− 5 50.4	1.944	2.923	6.0	21.3
5 21	14 10.89	− 5 25.9	1.982	2.912	9.6	21.5
5 31	14 4.17	− 5 14.6	2.045	2.900	12.9	21.7

248708 2006 OK_{9} 4 29.9 259°.91 4°.5/25.6 17

3 22	14 51.57	− 5 8.3	2.157	2.976	12.9	20.8
4 1	14 48.20	− 3 57.7	2.072	2.971	10.1	20.6
4 11	14 42.92	− 2 43.0	2.011	2.965	7.2	20.4
4 21	14 36.23	− 1 29.4	1.976	2.960	4.9	20.2
5 1	14 28.83	− 0 23.0	1.969	2.955	5.0	20.2
5 11	14 21.55	+ 0 30.7	1.989	2.949	7.4	20.4
5 21	14 15.16	+ 1 7.9	2.035	2.944	10.5	20.6
5 31	14 10.27	+ 1 26.6	2.103	2.938	13.3	20.7

134593 1999 TR_{121} 4 29.9 311°.39 6°.4/ 1.8 18

3 22	15 5.96	−23 0.0	1.451	2.234	19.7	19.5
4 1	15 1.59	−24 44.7	1.355	2.221	16.5	19.3
4 11	14 53.43	−26 23.1	1.277	2.209	12.6	19.0
4 21	14 41.91	−27 48.9	1.223	2.197	8.7	18.7
5 1	14 28.12	−28 56.0	1.193	2.185	6.4	18.6
5 11	14 13.85	−29 41.3	1.190	2.173	8.2	18.6
5 21	14 0.97	−30 6.8	1.211	2.162	12.2	18.8
5 31	13 51.06	−30 18.8	1.254	2.152	16.5	19.0

439346 2012 XS_{28} 4 29.9 328°.44 3°.8/ 3.3 17

3 22	14 52.02	−27 44.7	1.982	2.749	15.7	20.6
4 1	14 49.12	−27 40.0	1.884	2.741	13.0	20.4
4 11	14 43.86	−27 17.0	1.807	2.735	9.8	20.2
4 21	14 36.78	−26 35.1	1.753	2.728	6.4	20.0
5 1	14 28.76	−25 35.9	1.725	2.722	3.9	19.8
5 11	14 20.85	−24 24.1	1.724	2.716	5.0	19.9
5 21	14 14.01	−23 6.3	1.750	2.711	8.4	20.1
5 31	14 9.04	−21 50.0	1.800	2.706	11.8	20.3

431506 2007 TW_{162} 4 29.9 291°.03 3°.0/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.53	−21 41.3	1.999	2.775	15.2	21.2
4 1	14 54.44	−22 18.8	1.884	2.751	12.5	20.9
4 11	14 47.72	−22 46.7	1.791	2.728	9.2	20.7
4 21	14 38.80	−23 3.5	1.721	2.704	5.6	20.4
5 1	14 28.51	−23 8.4	1.679	2.680	3.1	20.2
5 11	14 17.96	−23 2.9	1.664	2.656	5.2	20.3
5 21	14 8.32	−22 50.5	1.676	2.632	9.1	20.4
5 31	14 0.59	−22 36.1	1.713	2.609	12.9	20.6

109589 2001 QD_{278} 4 29.9 203°.82 1°.2/30.9 18

3 22	15 0.55	−18 56.4	2.470	3.237	12.9	21.3
4 1	14 55.16	−19 6.6	2.365	3.231	10.4	21.1
4 11	14 47.67	−19 8.1	2.284	3.225	7.3	20.9
4 21	14 38.56	−19 1.1	2.229	3.217	3.9	20.6
5 1	14 28.56	−18 46.6	2.203	3.209	1.2	20.4
5 11	14 18.57	−18 27.2	2.207	3.200	4.0	20.6
5 21	14 9.45	−18 6.2	2.240	3.190	7.5	20.8
5 31	14 1.91	−17 47.4	2.299	3.180	10.7	21.0

27384 Meaganbethel 4 29.9 264°.19 1°.5/28.9 18

3 22	14 56.48	−12 36.6	1.729	2.542	15.8	18.7
4 1	14 52.75	−12 18.4	1.638	2.534	12.5	18.4
4 11	14 46.43	−11 51.9	1.567	2.525	8.5	18.2
4 21	14 38.08	−11 19.6	1.521	2.516	4.1	17.9
5 1	14 28.62	−10 45.6	1.502	2.508	1.8	17.7
5 11	14 19.22	−10 14.9	1.509	2.499	6.0	18.0
5 21	14 10.97	− 9 52.4	1.542	2.490	10.4	18.2
5 31	14 4.76	− 9 41.8	1.597	2.480	14.4	18.4

431419 2007 JF_{15} 4 29.9 30°.36 1°.4/29.3 17

3 22	14 59.99	−10 11.6	1.614	2.428	16.7	21.1
4 1	14 55.52	−10 30.8	1.537	2.433	13.1	20.8
4 11	14 48.29	−10 46.5	1.482	2.439	8.9	20.6
4 21	14 38.94	−11 0.4	1.450	2.445	4.3	20.3
5 1	14 28.53	−11 14.6	1.445	2.452	1.6	20.2
5 11	14 18.33	−11 31.6	1.467	2.458	5.9	20.5
5 21	14 9.48	−11 53.6	1.515	2.465	10.3	20.7
5 31	14 2.88	−12 22.7	1.586	2.473	14.2	21.0

36167 1999 RG_{230} 4 29.9 230°.90 3°.3/26.9 18

3 22	14 52.93	− 5 31.2	2.472	3.281	11.7	19.0
4 1	14 49.00	− 4 56.8	2.384	3.277	9.2	18.8
4 11	14 43.34	− 4 20.3	2.320	3.273	6.4	18.6
4 21	14 36.40	− 3 45.1	2.282	3.270	3.9	18.4
5 1	14 28.83	− 3 15.0	2.273	3.266	3.6	18.4
5 11	14 21.37	− 2 53.6	2.292	3.262	5.9	18.5
5 21	14 14.68	− 2 43.3	2.338	3.257	8.8	18.7
5 31	14 9.34	− 2 45.5	2.408	3.253	11.5	18.9

109763 2001 RV_{76} 4 29.9 210°.16 2°.8/27.2 18

3 22	14 54.54	−11 2.3	2.219	3.023	13.0	20.2
4 1	14 50.51	− 9 49.9	2.125	3.017	10.2	20.0
4 11	14 44.49	− 8 28.3	2.054	3.010	6.9	19.8
4 21	14 37.01	− 7 1.9	2.011	3.003	3.7	19.6
5 1	14 28.78	− 5 36.7	1.997	2.995	3.2	19.5
5 11	14 20.66	− 4 19.0	2.012	2.987	6.2	19.7
5 21	14 13.45	− 3 14.1	2.054	2.978	9.6	19.9
5 31	14 7.79	− 2 25.7	2.120	2.968	12.7	20.0

203337 2001 UT_{15} 4 29.9 99°.57 2°.0/ 1.0 18

3 22	15 1.63	−19 6.1	1.469	2.270	18.7	20.3
4 1	14 57.24	−19 29.9	1.394	2.278	15.0	20.0
4 11	14 49.70	−19 41.2	1.338	2.287	10.6	19.8
4 21	14 39.71	−19 39.5	1.305	2.295	5.7	19.5
5 1	14 28.47	−19 26.0	1.298	2.304	2.0	19.3
5 11	14 17.50	−19 5.0	1.317	2.312	5.7	19.6
5 21	14 8.12	−18 41.9	1.360	2.320	10.4	19.9
5 31	14 1.34	−18 23.0	1.427	2.328	14.7	20.1

176521 2001 YP_{93} 4 29.9 125°.63 0°.6/29.4 17

3 22	14 53.42	−14 34.6	2.672	3.461	11.5	21.7
4 1	14 49.20	−14 10.8	2.590	3.473	9.0	21.6
4 11	14 43.37	−13 40.1	2.532	3.484	6.0	21.4
4 21	14 36.38	−13 4.6	2.500	3.494	2.9	21.2
5 1	14 28.87	−12 27.2	2.498	3.505	0.8	21.0
5 11	14 21.52	−11 51.1	2.525	3.515	3.9	21.3
5 21	14 14.97	−11 19.7	2.581	3.525	6.9	21.5
5 31	14 9.72	−10 55.6	2.662	3.534	9.7	21.7

274292 2008 QQ_{16} 4 29.9 198°.93 4°.6/25.4 18

3 22	14 54.09	− 3 22.1	2.405	3.214	12.0	21.5
4 1	14 49.94	− 2 14.9	2.320	3.211	9.5	21.3
4 11	14 43.99	− 1 5.3	2.258	3.207	6.8	21.1
4 21	14 36.73	+ 0 1.8	2.224	3.203	4.9	21.0
5 1	14 28.83	+ 1 1.0	2.218	3.198	5.0	21.0
5 11	14 21.04	+ 1 47.8	2.240	3.192	7.2	21.1
5 21	14 14.07	+ 2 18.9	2.288	3.186	9.9	21.3
5 31	14 8.51	+ 2 32.9	2.360	3.180	12.5	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
284616 2007 UD_{72}			4 29.9 241°.66		0°.5/30.4 17	
	h m	° ′			°	m
3 22	14 54.64	−17 43.9	2.266	3.054	13.3	21.7
4 1	14 50.70	−17 34.5	2.167	3.047	10.6	21.5
4 11	14 44.71	−17 15.5	2.090	3.039	7.3	21.2
4 21	14 37.15	−16 47.9	2.039	3.031	3.7	21.0
5 1	14 28.77	−16 14.1	2.016	3.023	0.5	20.7
5 11	14 20.44	−15 38.0	2.021	3.015	4.2	21.0
5 21	14 12.99	−15 3.5	2.054	3.007	7.9	21.2
5 31	14 7.12	−14 34.8	2.112	2.998	11.2	21.4
19244 1994 CX_{12}			4 29.9 26°.13		0°.1/29.9 18	R
3 22	14 57.27	−15 29.1	1.411	2.231	18.4	17.4
4 1	14 53.88	−15 31.6	1.335	2.233	14.6	17.2
4 11	14 47.43	−15 23.4	1.279	2.236	10.0	16.9
4 21	14 38.63	−15 5.8	1.245	2.240	4.9	16.6
5 1	14 28.61	−14 42.1	1.236	2.243	0.6	16.3
5 11	14 18.81	−14 17.7	1.253	2.247	5.9	16.7
5 21	14 10.51	−13 57.7	1.293	2.252	10.9	17.0
5 31	14 4.70	−13 47.2	1.356	2.256	15.3	17.3
146949 2002 EG_{51}			4 29.9 174°.44		0°.8/29.2 18	
3 22	14 52.60	−13 50.6	2.865	3.654	10.8	21.3
4 1	14 48.52	−13 25.5	2.773	3.656	8.4	21.1
4 11	14 42.90	−12 54.1	2.705	3.658	5.7	20.9
4 21	14 36.17	−12 18.5	2.665	3.659	2.7	20.7
5 1	14 28.91	−11 41.2	2.654	3.660	1.0	20.6
5 11	14 21.75	−11 5.7	2.672	3.660	3.8	20.8
5 21	14 15.29	−10 34.7	2.719	3.660	6.7	21.0
5 31	14 10.04	−10 11.0	2.792	3.660	9.4	21.2
309935 2009 FF_{65}			4 29.9 64°.06		1°.4/29.2 18	
3 22	14 58.27	−13 23.3	1.389	2.213	18.4	21.3
4 1	14 54.43	−13 6.3	1.326	2.227	14.4	21.1
4 11	14 47.61	−12 39.4	1.283	2.242	9.8	20.8
4 21	14 38.61	−12 5.8	1.262	2.258	4.6	20.6
5 1	14 28.63	−11 30.4	1.267	2.273	1.7	20.4
5 11	14 19.07	−10 59.3	1.297	2.289	6.4	20.8
5 21	14 11.13	−10 37.5	1.352	2.304	11.1	21.1
5 31	14 5.64	−10 28.7	1.428	2.320	15.2	21.3
305951 2009 HG_{26}			4 29.9 231°.83		0°.8/30.6 16	
3 22	14 57.34	−16 56.6	2.440	3.220	12.7	20.7
4 1	14 52.66	−17 15.0	2.342	3.216	10.1	20.5
4 11	14 45.97	−17 26.7	2.266	3.212	7.0	20.3
4 21	14 37.76	−17 31.8	2.217	3.208	3.6	20.1
5 1	14 28.72	−17 31.5	2.197	3.203	0.9	19.9
5 11	14 19.71	−17 27.8	2.205	3.199	3.9	20.1
5 21	14 11.54	−17 23.4	2.242	3.194	7.4	20.3
5 31	14 4.87	−17 21.3	2.305	3.190	10.5	20.5
115244 2003 SL_{152}			4 29.9 161°.18		2°.0/ 1.8 18	
3 22	14 58.60	−22 10.8	2.648	3.404	12.4	20.6
4 1	14 53.43	−22 22.7	2.555	3.411	10.0	20.4
4 11	14 46.36	−22 24.6	2.485	3.417	7.2	20.3
4 21	14 37.89	−22 16.5	2.441	3.423	4.2	20.1
5 1	14 28.72	−21 59.2	2.426	3.428	2.1	19.9
5 11	14 19.66	−21 35.3	2.441	3.432	3.8	20.1
5 21	14 11.45	−21 8.2	2.484	3.436	6.7	20.3
5 31	14 4.74	−20 41.5	2.554	3.439	9.6	20.4
3501 Olegiya			4 29.9 272°.15		1°.1/30.9 18	
3 22	14 53.10	−20 26.5	2.176	2.962	13.9	16.6
4 1	14 49.62	−20 9.5	2.076	2.953	11.1	16.4
4 11	14 44.04	−19 39.9	1.998	2.944	7.8	16.2
4 21	14 36.86	−18 58.7	1.945	2.935	4.1	16.0
5 1	14 28.83	−18 8.6	1.919	2.926	1.1	15.7
5 11	14 20.86	−17 14.1	1.922	2.917	4.2	15.9
5 21	14 13.81	−16 20.2	1.952	2.908	8.0	16.1
5 31	14 8.39	−15 32.3	2.006	2.899	11.5	16.3
189479 1999 UO_{9}			4 29.9 161°.25		10°.6/10.1 18	
3 22	15 12.12	−50 11.4	2.778	3.345	15.4	20.5
4 1	15 5.45	−51 46.1	2.686	3.352	14.3	20.4
4 11	14 55.45	−53 2.3	2.612	3.358	13.0	20.3
4 21	14 42.66	−53 53.7	2.558	3.363	11.8	20.2
5 1	14 28.15	−54 15.6	2.527	3.368	10.9	20.1
5 11	14 13.45	−54 6.7	2.518	3.372	10.6	20.1
5 21	14 0.08	−53 30.1	2.534	3.376	11.0	20.1
5 31	13 49.28	−52 32.3	2.572	3.379	12.0	20.2
410374 2007 VD_{176}			4 29.9 254°.47		0°.7/29.0 15	
3 22	14 49.14	−13 28.8	3.559	4.347	8.9	22.1
4 1	14 45.60	−13 3.6	3.450	4.332	6.9	22.0
4 11	14 40.84	−12 33.3	3.365	4.317	4.7	21.8
4 21	14 35.17	−11 59.5	3.308	4.303	2.2	21.6
5 1	14 29.04	−11 24.3	3.282	4.287	0.9	21.5
5 11	14 22.93	−10 50.4	3.285	4.272	3.2	21.7
5 21	14 17.31	−10 20.1	3.317	4.257	5.7	21.8
5 31	14 12.60	− 9 55.7	3.375	4.241	8.0	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
325814 2010 RK_{120}			4 29.9 181°.95		1°.2/29.0 16	
	h m	° ′			°	m
3 22	14 57.56	−14 21.3	2.111	2.906	13.9	22.0
4 1	14 52.99	−13 43.1	2.021	2.907	10.9	21.8
4 11	14 46.24	−12 55.1	1.954	2.907	7.4	21.6
4 21	14 37.88	−12 0.4	1.913	2.907	3.5	21.4
5 1	14 28.73	−11 3.1	1.900	2.906	1.4	21.2
5 11	14 19.73	−10 8.4	1.917	2.905	5.1	21.5
5 21	14 11.76	− 9 21.3	1.961	2.902	8.9	21.7
5 31	14 5.51	− 8 45.8	2.029	2.899	12.3	21.9
60661 2000 FF_{57}			4 29.9 193°.17		1°.2/28.9 18	
3 22	14 54.60	−12 43.7	2.324	3.122	12.7	19.7
4 1	14 50.49	−12 20.0	2.233	3.121	9.9	19.5
4 11	14 44.45	−11 49.7	2.165	3.120	6.7	19.3
4 21	14 37.00	−11 15.0	2.124	3.118	3.2	19.0
5 1	14 28.83	−10 39.2	2.111	3.116	1.5	18.9
5 11	14 20.78	−10 6.2	2.127	3.114	4.7	19.1
5 21	14 13.59	− 9 39.5	2.170	3.112	8.2	19.3
5 31	14 7.90	− 9 22.2	2.238	3.109	11.3	19.5
301658 2010 ET_{129}			4 29.9 324°.91		4°.6/ 2.5 16	
3 22	14 55.04	−24 31.1	1.709	2.494	17.1	20.9
4 1	14 52.15	−25 19.0	1.607	2.475	14.2	20.6
4 11	14 46.40	−25 54.4	1.523	2.457	10.8	20.3
4 21	14 38.27	−26 14.5	1.462	2.439	7.1	20.1
5 1	14 28.66	−26 17.9	1.426	2.422	4.7	19.9
5 11	14 18.86	−26 6.3	1.416	2.406	6.2	19.9
5 21	14 10.17	−25 43.9	1.430	2.390	9.9	20.1
5 31	14 3.70	−25 17.3	1.467	2.375	13.8	20.3
474841 2005 SB_{73}			4 29.9 231°.77		0°.5/30.6 18	
3 22	14 52.84	−18 50.5	3.018	3.791	10.7	22.0
4 1	14 48.76	−18 29.9	2.907	3.777	8.5	21.8
4 11	14 43.13	−18 0.4	2.820	3.764	5.9	21.6
4 21	14 36.33	−17 23.4	2.759	3.750	3.0	21.4
5 1	14 28.92	−16 40.7	2.728	3.736	0.5	21.1
5 11	14 21.53	−15 55.6	2.727	3.721	3.3	21.4
5 21	14 14.77	−15 11.5	2.756	3.705	6.3	21.5
5 31	14 9.18	−14 31.8	2.810	3.689	9.0	21.7
142697 2002 TT_{246}			4 29.9 124°.38		0°.9/29.3 18	
3 22	14 57.05	−15 12.1	1.879	2.681	15.2	21.3
4 1	14 52.75	−14 37.4	1.803	2.692	11.9	21.1
4 11	14 46.13	−13 52.3	1.749	2.703	8.0	20.8
4 21	14 37.83	−12 59.6	1.720	2.714	3.8	20.6
5 1	14 28.75	−12 3.9	1.718	2.725	1.2	20.4
5 11	14 19.95	−11 10.9	1.745	2.735	5.2	20.7
5 21	14 12.35	−10 25.7	1.798	2.744	9.3	21.0
5 31	14 6.65	− 9 52.5	1.875	2.753	12.8	21.2
439155 2011 UO_{248}			4 29.9 263°.84		0°.3/29.7 18	
3 22	14 53.94	−15 6.7	2.534	3.324	12.0	22.1
4 1	14 49.97	−14 52.6	2.423	3.305	9.5	21.8
4 11	14 44.15	−14 31.0	2.335	3.287	6.5	21.6
4 21	14 36.90	−14 3.3	2.274	3.268	3.1	21.4
5 1	14 28.85	−13 31.9	2.242	3.249	0.6	21.1
5 11	14 20.78	−13 0.3	2.238	3.230	4.1	21.4
5 21	14 13.42	−12 32.0	2.263	3.210	7.6	21.6
5 31	14 7.42	−12 10.2	2.313	3.190	10.7	21.7
127841 2003 FN_{108}			4 29.9 311°.72		2°.5/28.6 17	
3 22	14 57.65	− 7 3.5	2.027	2.836	14.0	19.7
4 1	14 53.41	− 7 11.7	1.919	2.812	11.1	19.5
4 11	14 46.82	− 7 19.2	1.834	2.789	7.7	19.2
4 21	14 38.32	− 7 28.2	1.774	2.767	4.1	18.9
5 1	14 28.69	− 7 41.2	1.742	2.744	2.7	18.8
5 11	14 18.93	− 8 0.7	1.738	2.722	6.0	18.9
5 21	14 10.03	− 8 28.6	1.760	2.700	9.9	19.1
5 31	14 2.87	− 9 6.0	1.807	2.679	13.5	19.3
294155 2007 TX_{335}			4 29.9 323°.31		1°.9/ 1.3 17	
3 22	14 52.50	−20 54.5	1.703	2.504	16.5	20.6
4 1	14 49.88	−20 55.3	1.606	2.491	13.3	20.4
4 11	14 44.64	−20 41.7	1.529	2.478	9.5	20.1
4 21	14 37.31	−20 13.8	1.476	2.465	5.3	19.8
5 1	14 28.80	−19 33.8	1.447	2.453	1.9	19.6
5 11	14 20.30	−18 46.5	1.445	2.442	5.1	19.8
5 21	14 12.93	−17 58.1	1.468	2.430	9.5	20.0
5 31	14 7.62	−17 15.1	1.514	2.420	13.7	20.2
57571 2001 TR_{61}			4 29.9 118°.82		1°.6/28.5 18	
3 22	14 53.92	−11 12.2	2.541	3.339	11.8	20.1
4 1	14 49.65	−10 42.9	2.463	3.351	9.1	19.9
4 11	14 43.71	−10 8.5	2.409	3.363	6.1	19.7
4 21	14 36.58	− 9 31.5	2.382	3.375	3.0	19.5
5 1	14 28.91	− 8 55.3	2.384	3.387	1.9	19.5
5 11	14 21.43	− 8 23.4	2.415	3.398	4.6	19.7
5 21	14 14.79	− 7 58.7	2.473	3.409	7.6	19.9
5 31	14 9.50	− 7 43.5	2.557	3.420	10.3	20.1

222265 2000 QK_{183} 4 29.9 178°.16 6°.8/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.29	+ 3 49.9	2.348	3.154	12.3	20.7
4 1	14 50.87	+ 5 7.9	2.275	3.156	10.1	20.5
4 11	14 44.62	+ 6 23.1	2.226	3.158	8.0	20.4
4 21	14 37.05	+ 7 29.5	2.204	3.158	6.8	20.3
5 1	14 28.86	+ 8 21.5	2.209	3.159	7.3	20.3
5 11	14 20.84	+ 8 54.7	2.241	3.158	9.1	20.5
5 21	14 13.71	+ 9 7.5	2.297	3.157	11.4	20.6
5 31	14 8.04	+ 8 59.8	2.375	3.155	13.6	20.8

468888 2013 WQ_{67} 4 29.9 232°.16 5°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.85	+ 1 0.0	2.528	3.331	11.7	22.5
4 1	14 51.33	+ 2 8.0	2.431	3.314	9.4	22.4
4 11	14 44.99	+ 3 16.2	2.359	3.297	7.2	22.2
4 21	14 37.28	+ 4 19.4	2.313	3.279	5.8	22.1
5 1	14 28.84	+ 5 12.2	2.296	3.260	6.2	22.0
5 11	14 20.41	+ 5 50.0	2.307	3.240	8.1	22.1
5 21	14 12.73	+ 6 10.3	2.344	3.220	10.6	22.3
5 31	14 6.41	+ 6 12.1	2.404	3.198	13.1	22.4

100280 1995 BQ_{1} 4 29.9 87°.87 2°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.32	− 9 47.4	1.730	2.546	15.7	19.9
4 1	14 53.02	− 9 8.3	1.665	2.563	12.2	19.7
4 11	14 46.32	− 8 23.1	1.622	2.580	8.2	19.5
4 21	14 37.91	− 7 36.1	1.604	2.597	4.3	19.3
5 1	14 28.78	− 6 52.6	1.613	2.614	3.2	19.2
5 11	14 20.00	− 6 17.9	1.648	2.630	6.5	19.5
5 21	14 12.52	− 5 55.8	1.710	2.647	10.3	19.7
5 31	14 7.02	− 5 48.5	1.794	2.663	13.7	20.0

310143 2011 KD_{10} 4 29.9 301°.49 3°.2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.12	− 8 55.6	1.898	2.717	14.3	20.4
4 1	14 49.76	− 8 9.7	1.812	2.712	11.2	20.2
4 11	14 44.20	− 7 17.4	1.749	2.708	7.7	19.9
4 21	14 36.96	− 6 23.2	1.711	2.703	4.3	19.7
5 1	14 28.87	− 5 32.3	1.700	2.698	3.6	19.6
5 11	14 20.92	− 4 50.4	1.716	2.694	6.7	19.8
5 21	14 13.98	− 4 21.7	1.757	2.690	10.4	20.0
5 31	14 8.79	− 4 8.8	1.821	2.685	13.8	20.2

70133 1999 NC_{7} 4 29.9 24°.11 9°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.37	−36 59.2	1.451	2.193	21.5	18.3
4 1	14 54.71	−37 54.2	1.372	2.196	18.8	18.1
4 11	14 48.46	−38 22.8	1.309	2.199	15.6	17.9
4 21	14 39.31	−38 19.1	1.265	2.202	12.5	17.7
5 1	14 28.60	−37 39.9	1.242	2.206	10.1	17.5
5 11	14 18.10	−36 28.5	1.241	2.210	9.9	17.5
5 21	14 9.42	−34 53.9	1.264	2.215	11.9	17.7
5 31	14 3.73	−33 8.6	1.309	2.219	15.0	17.9

117680 2005 EW_{223} 4 29.9 84°.05 1°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.04	−19 46.6	1.565	2.364	17.8	20.8
4 1	14 54.83	−19 40.2	1.497	2.381	14.2	20.6
4 11	14 47.80	−19 19.3	1.449	2.399	9.9	20.3
4 21	14 38.71	−18 44.9	1.425	2.416	5.1	20.1
5 1	14 28.69	−18 0.6	1.426	2.433	1.3	19.9
5 11	14 19.07	−17 12.2	1.454	2.449	5.2	20.2
5 21	14 10.97	−16 26.0	1.507	2.466	9.7	20.5
5 31	14 5.21	−15 48.1	1.584	2.482	13.6	20.8

245545 2005 TC_{170} 4 29.9 269°.31 1°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.97	−19 42.1	2.636	3.411	12.0	21.2
4 1	14 50.02	−19 32.6	2.517	3.387	9.6	21.0
4 11	14 44.22	−19 13.2	2.420	3.363	6.8	20.8
4 21	14 36.97	−18 44.6	2.350	3.339	3.6	20.5
5 1	14 28.88	−18 8.4	2.308	3.314	1.0	20.3
5 11	14 20.73	−17 27.9	2.295	3.289	3.7	20.4
5 21	14 13.27	−16 46.9	2.311	3.264	7.1	20.6
5 31	14 7.14	−16 9.5	2.352	3.238	10.3	20.8

202761 2007 RB_{65} 4 29.9 117°.22 0°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.71	−18 15.1	2.061	2.853	14.3	21.1
4 1	14 50.90	−18 4.2	1.973	2.855	11.4	20.9
4 11	14 44.91	−17 42.4	1.907	2.857	7.9	20.6
4 21	14 37.29	−17 11.1	1.866	2.858	4.0	20.4
5 1	14 28.86	−16 33.0	1.853	2.860	0.7	20.1
5 11	14 20.56	−15 52.4	1.867	2.862	4.4	20.4
5 21	14 13.29	−15 14.0	1.909	2.863	8.3	20.7
5 31	14 7.74	−14 42.3	1.975	2.865	11.7	20.9

22884 1999 RK_{236} 4 29.9 240°.71 4°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.92	− 5 42.0	1.760	2.578	15.4	19.6
4 1	14 53.79	− 5 1.8	1.670	2.568	12.2	19.4
4 11	14 47.12	− 4 17.8	1.602	2.558	8.6	19.2
4 21	14 38.46	− 3 35.0	1.559	2.547	5.3	18.9
5 1	14 28.72	− 2 58.9	1.542	2.536	4.8	18.9
5 11	14 19.05	− 2 35.0	1.552	2.525	7.9	19.0
5 21	14 10.50	− 2 27.0	1.587	2.513	11.8	19.2
5 31	14 3.94	− 2 36.7	1.644	2.501	15.4	19.4

39474 1978 VC_{7} 4 29.9 294°.20 1°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 46.97	− 6 5.9	4.333	5.131	7.3	19.0
4 1	14 43.65	− 5 49.0	4.237	5.124	5.6	18.8
4 11	14 39.39	− 5 31.0	4.166	5.118	3.9	18.7
4 21	14 34.46	− 5 13.7	4.123	5.111	2.3	18.6
5 1	14 29.19	− 4 58.9	4.110	5.105	2.0	18.5
5 11	14 23.96	− 4 48.1	4.126	5.098	3.4	18.6
5 21	14 19.13	− 4 42.8	4.171	5.092	5.2	18.8
5 31	14 15.00	− 4 43.8	4.243	5.085	7.0	18.9

384059 2008 UE_{288} 4 29.9 20°.36 1°.6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.06	−11 47.6	1.819	2.633	15.1	21.0
4 1	14 51.38	−11 31.3	1.738	2.635	11.8	20.8
4 11	14 45.35	−11 8.3	1.679	2.637	8.0	20.6
4 21	14 37.54	−10 41.2	1.644	2.639	3.9	20.3
5 1	14 28.84	−10 13.8	1.636	2.641	1.9	20.2
5 11	14 20.31	− 9 50.7	1.655	2.643	5.6	20.5
5 21	14 12.91	− 9 35.6	1.699	2.646	9.7	20.7
5 31	14 7.39	− 9 31.5	1.767	2.649	13.3	20.9

504769 2009 WX_{171} 4 29.9 240°.21 0°.1/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.67	−14 27.4	1.929	2.725	15.0	21.7
4 1	14 55.06	−14 41.4	1.834	2.719	11.9	21.5
4 11	14 47.95	−14 48.7	1.760	2.712	8.2	21.3
4 21	14 38.86	−14 50.2	1.712	2.706	4.0	21.0
5 1	14 28.69	−14 47.4	1.692	2.699	0.5	20.7
5 11	14 18.53	−14 43.3	1.699	2.692	4.9	21.0
5 21	14 9.44	−14 41.0	1.734	2.685	9.2	21.3
5 31	14 2.29	−14 44.1	1.792	2.678	12.9	21.5

348877 2006 SS_{202} 4 30.0 115°.08 0°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.26	−15 14.5	2.342	3.138	12.7	21.4
4 1	14 49.40	−14 48.7	2.258	3.144	10.0	21.2
4 11	14 43.69	−14 14.5	2.197	3.150	6.7	21.0
4 21	14 36.64	−13 34.2	2.161	3.156	3.2	20.8
5 1	14 28.96	−12 51.1	2.154	3.161	0.8	20.6
5 11	14 21.43	−12 9.2	2.176	3.167	4.3	20.9
5 21	14 14.79	−11 32.5	2.225	3.172	7.7	21.1
5 31	14 9.62	−11 4.2	2.300	3.178	10.7	21.3

135321 2001 SP_{295} 4 30.0 147°.78 0°.2/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.83	−16 13.1	2.387	3.178	12.6	20.9
4 1	14 49.84	−15 51.3	2.299	3.182	9.9	20.8
4 11	14 43.99	−15 20.7	2.235	3.186	6.8	20.6
4 21	14 36.80	−14 43.3	2.196	3.190	3.3	20.3
5 1	14 28.94	−14 2.1	2.186	3.193	0.5	20.1
5 11	14 21.23	−13 20.9	2.205	3.197	4.1	20.4
5 21	14 14.39	−12 43.7	2.251	3.200	7.5	20.6
5 31	14 9.02	−12 14.0	2.323	3.203	10.6	20.8

83587 2001 SA_{242} 4 30.0 244°.18 1°.5/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.17	−19 41.4	2.365	3.142	13.2	20.4
4 1	14 51.89	−19 53.5	2.264	3.135	10.6	20.2
4 11	14 45.55	−19 56.4	2.186	3.128	7.5	20.0
4 21	14 37.63	−19 50.3	2.132	3.120	4.1	19.8
5 1	14 28.85	−19 36.2	2.107	3.113	1.5	19.6
5 11	14 20.08	−19 16.9	2.111	3.105	4.0	19.7
5 21	14 12.17	−18 55.6	2.143	3.097	7.5	19.9
5 31	14 5.81	−18 36.4	2.199	3.089	10.7	20.1

192635 1999 QT 4 30.0 201°.76 2°.8/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.68	−23 31.9	2.043	2.815	15.1	20.8
4 1	14 52.64	−23 42.1	1.949	2.814	12.3	20.6
4 11	14 46.23	−23 38.8	1.877	2.812	9.0	20.4
4 21	14 38.00	−23 21.5	1.829	2.811	5.4	20.2
5 1	14 28.81	−22 51.4	1.808	2.809	2.8	20.0
5 11	14 19.71	−22 12.0	1.814	2.807	4.7	20.1
5 21	14 11.68	−21 28.4	1.847	2.805	8.2	20.3
5 31	14 5.51	−20 46.2	1.905	2.803	11.7	20.6

351920 2006 SE_{387} 4 30.0 184°.25 1°.1/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.80	−12 57.7	2.524	3.320	11.9	22.0
4 1	14 49.71	−12 35.1	2.433	3.320	9.3	21.9
4 11	14 43.86	−12 6.1	2.366	3.319	6.3	21.7
4 21	14 36.73	−11 33.0	2.325	3.319	3.0	21.4
5 1	14 28.96	−10 58.7	2.313	3.318	1.3	21.3
5 11	14 21.30	−10 26.9	2.330	3.317	4.3	21.5
5 21	14 14.43	−10 0.6	2.374	3.316	7.6	21.7
5 31	14 8.93	− 9 42.6	2.444	3.315	10.5	21.9

479101 2013 AN_{142} 4 30.0 199°.62 3°.7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.27	− 5 33.6	2.676	3.484	10.9	22.1
4 1	14 47.58	− 4 24.1	2.589	3.482	8.6	22.0
4 11	14 42.34	− 3 11.0	2.527	3.479	6.0	21.8
4 21	14 35.97	− 1 58.6	2.492	3.476	4.0	21.7
5 1	14 29.05	− 0 51.7	2.487	3.472	4.1	21.7
5 11	14 22.25	+ 0 5.1	2.510	3.469	6.2	21.8
5 21	14 16.15	+ 0 48.7	2.561	3.465	8.8	21.9
5 31	14 11.27	+ 1 17.1	2.635	3.460	11.2	22.1