2020	α_{2000}	δ_{2000}	Δ	r	β	V
417925 2007 RS_{244}			7 24.9 308°.03		2°.2/24.1 17	
	h m	° ′			°	m
6 20	20 43.85	−21 49.6	1.251	2.139	17.3	21.1
6 30	20 39.86	−22 24.8	1.177	2.127	13.1	20.9
7 10	20 32.75	−23 8.1	1.124	2.116	8.2	20.6
7 20	20 23.24	−23 53.3	1.092	2.105	3.2	20.2
7 30	20 12.67	−24 33.4	1.084	2.094	4.1	20.2
8 9	20 2.70	−25 2.4	1.100	2.083	9.3	20.5
8 19	19 54.83	−25 17.4	1.137	2.073	14.4	20.8
8 29	19 50.20	−25 18.4	1.194	2.063	18.8	21.0
200854 2001 YG_{54}			7 24.9 281°.41		0°.7/25.2 18	
6 20	20 46.24	−18 5.1	1.361	2.235	17.1	19.7
6 30	20 41.42	−17 59.5	1.278	2.220	13.1	19.4
7 10	20 33.61	−18 1.8	1.216	2.205	8.3	19.1
7 20	20 23.52	−18 9.5	1.177	2.190	3.0	18.8
7 30	20 12.38	−18 18.7	1.162	2.175	2.8	18.7
8 9	20 1.75	−18 26.1	1.172	2.159	8.3	19.0
8 19	19 53.06	−18 29.3	1.205	2.144	13.5	19.2
8 29	19 47.39	−18 27.2	1.258	2.129	17.9	19.5
293067 2006 WC_{159}			7 24.9 281°.40		0°.8/25.4 18	
6 20	20 40.76	−15 59.1	2.105	2.960	12.6	20.9
6 30	20 36.28	−16 14.8	2.017	2.948	9.6	20.7
7 10	20 29.90	−16 38.6	1.952	2.936	6.1	20.5
7 20	20 22.15	−17 8.2	1.912	2.924	2.3	20.2
7 30	20 13.80	−17 40.6	1.900	2.912	2.0	20.2
8 9	20 5.76	−18 12.4	1.915	2.899	5.9	20.4
8 19	19 58.88	−18 41.0	1.956	2.887	9.5	20.6
8 29	19 53.89	−19 4.4	2.020	2.875	12.8	20.8
286907 2002 PX_{72}			7 24.9 40°.28		8°.9/ 1.5 18	
6 20	20 39.19	+ 8 12.6	1.809	2.572	17.9	20.1
6 30	20 35.21	+ 7 57.0	1.735	2.577	15.5	19.9
7 10	20 29.26	+ 7 12.6	1.678	2.583	12.8	19.7
7 20	20 21.92	+ 5 58.1	1.643	2.588	10.4	19.6
7 30	20 14.05	+ 4 15.6	1.631	2.594	9.0	19.5
8 9	20 6.60	+ 2 11.2	1.646	2.600	9.5	19.6
8 19	20 0.45	− 0 6.2	1.685	2.606	11.5	19.7
8 29	19 56.32	− 2 27.3	1.749	2.613	14.1	19.9
154946 2004 TD_{65}			7 24.9 155°.18		1°.6/23.8 18	
6 20	20 40.56	−22 14.6	2.443	3.304	10.9	19.8
6 30	20 35.86	−22 59.6	2.369	3.305	8.1	19.6
7 10	20 29.50	−23 48.2	2.320	3.307	5.0	19.4
7 20	20 21.98	−24 36.9	2.298	3.309	2.1	19.2
7 30	20 14.01	−25 21.6	2.303	3.310	2.7	19.3
8 9	20 6.40	−25 59.2	2.337	3.312	5.8	19.5
8 19	19 59.86	−26 27.8	2.398	3.313	8.8	19.7
8 29	19 55.02	−26 46.8	2.482	3.314	11.4	19.9
258888 2002 QA_{63}			7 24.9 33°.13		2°.7/23.8 17	
6 20	20 43.06	−22 21.2	1.126	2.022	18.3	19.6
6 30	20 39.12	−23 9.1	1.079	2.033	13.6	19.4
7 10	20 32.09	−24 3.7	1.052	2.046	8.4	19.1
7 20	20 22.93	−24 57.4	1.047	2.059	3.5	18.9
7 30	20 13.13	−25 42.3	1.064	2.073	4.5	19.0
8 9	20 4.37	−26 13.1	1.105	2.087	9.4	19.3
8 19	19 57.96	−26 27.8	1.167	2.103	14.1	19.6
8 29	19 54.76	−26 27.4	1.247	2.119	18.1	19.9
16307 7569 P–L			7 24.9 238°.21		2°.9/23.6 18	
6 20	20 46.69	−24 19.7	1.635	2.507	14.8	18.8
6 30	20 41.37	−25 1.6	1.557	2.498	11.2	18.5
7 10	20 33.37	−25 47.5	1.502	2.490	7.1	18.3
7 20	20 23.40	−26 31.4	1.471	2.481	3.4	18.0
7 30	20 12.57	−27 7.4	1.466	2.472	4.2	18.1
8 9	20 2.27	−27 30.9	1.487	2.462	8.4	18.3
8 19	19 53.72	−27 40.3	1.533	2.452	12.5	18.5
8 29	19 47.89	−27 36.4	1.599	2.442	16.2	18.7
99478 2002 CD_{137}			7 24.9 240°.05		3°.8/26.7 18	
6 20	20 44.67	− 9 48.8	1.556	2.404	16.6	20.0
6 30	20 39.79	− 9 43.0	1.474	2.395	13.1	19.7
7 10	20 32.37	− 9 52.5	1.412	2.386	9.1	19.4
7 20	20 23.07	−10 16.5	1.373	2.376	5.1	19.2
7 30	20 12.91	−10 52.5	1.360	2.366	4.1	19.1
8 9	20 3.17	−11 36.2	1.372	2.356	7.7	19.3
8 19	19 55.03	−12 22.7	1.408	2.345	12.1	19.5
8 29	19 49.43	−13 7.8	1.466	2.334	16.0	19.7
482192 2010 UL_{90}			7 24.9 221°.11		7°.5/30.5 18	
6 20	20 39.11	+ 6 39.0	2.794	3.533	12.7	21.4
6 30	20 34.55	+ 7 19.3	2.705	3.527	11.1	21.3
7 10	20 28.60	+ 7 43.8	2.636	3.520	9.4	21.2
7 20	20 21.68	+ 7 50.9	2.591	3.514	8.1	21.1
7 30	20 14.34	+ 7 39.7	2.571	3.507	7.5	21.0
8 9	20 7.22	+ 7 11.7	2.576	3.500	8.0	21.0
8 19	20 0.91	+ 6 29.5	2.607	3.492	9.3	21.1
8 29	19 55.96	+ 5 36.8	2.662	3.485	11.0	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
357887 2005 UK_{477}			7 24.9 329°.12		5°.4/28.3 18	
	h m	° ′			°	m
6 20	20 38.49	− 3 39.7	2.023	2.842	14.4	20.7
6 30	20 34.55	− 3 27.4	1.940	2.836	11.8	20.5
7 10	20 28.81	− 3 31.2	1.878	2.830	8.9	20.3
7 20	20 21.79	− 3 51.5	1.840	2.825	6.3	20.2
7 30	20 14.23	− 4 27.1	1.828	2.820	5.4	20.1
8 9	20 7.00	− 5 14.7	1.841	2.815	7.1	20.2
8 19	20 0.90	− 6 10.2	1.880	2.811	9.9	20.4
8 29	19 56.62	− 7 8.8	1.942	2.807	12.8	20.5
114860 2003 QB			7 25.0 186°.08		1°.9/25.8 17	
6 20	20 47.10	−14 57.0	1.593	2.449	15.9	20.4
6 30	20 41.45	−14 48.1	1.519	2.450	12.2	20.2
7 10	20 33.28	−14 48.7	1.467	2.449	7.9	19.9
7 20	20 23.34	−14 57.0	1.439	2.449	3.4	19.7
7 30	20 12.71	−15 10.2	1.437	2.448	2.8	19.6
8 9	20 2.68	−15 25.1	1.461	2.446	7.2	19.9
8 19	19 54.37	−15 39.2	1.510	2.445	11.6	20.1
8 29	19 48.65	−15 50.6	1.581	2.442	15.4	20.4
455180 2000 BE_{40}			7 25.0 273°.12		2°.0/24.9 16	
6 20	21 0.80	−27 40.5	1.114	1.990	19.9	20.5
6 30	20 53.09	−26 44.5	1.037	1.978	15.4	20.2
7 10	20 41.17	−25 38.6	0.978	1.966	9.9	19.9
7 20	20 26.13	−24 18.4	0.942	1.954	3.8	19.5
7 30	20 9.95	−22 42.5	0.932	1.942	4.0	19.5
8 9	19 54.97	−20 55.0	0.946	1.930	10.3	19.8
8 19	19 43.12	−19 3.6	0.983	1.918	16.2	20.1
8 29	19 35.58	−17 15.6	1.040	1.906	21.3	20.3
244892 2003 WQ_{35}			7 25.0 183°.12		4°.1/22.9 18	
6 20	20 46.00	−29 31.1	1.971	2.838	12.9	20.8
6 30	20 40.37	−30 7.7	1.902	2.838	9.8	20.6
7 10	20 32.49	−30 42.4	1.856	2.838	6.6	20.4
7 20	20 23.04	−31 9.9	1.836	2.838	4.2	20.3
7 30	20 13.04	−31 25.7	1.842	2.838	5.0	20.3
8 9	20 3.62	−31 27.4	1.875	2.837	7.9	20.5
8 19	19 55.80	−31 15.1	1.933	2.837	11.1	20.7
8 29	19 50.31	−30 50.4	2.012	2.836	14.0	20.9
342715 2008 WU_{13}			7 25.0 307°.90		13°.1/31.1 16	
6 20	20 41.47	+11 13.6	1.793	2.534	18.8	20.3
6 30	20 37.10	+12 50.8	1.716	2.526	17.0	20.2
7 10	20 30.58	+14 4.6	1.656	2.518	15.2	20.0
7 20	20 22.44	+14 49.3	1.615	2.510	13.8	19.9
7 30	20 13.57	+15 1.0	1.596	2.502	13.1	19.9
8 9	20 5.01	+14 39.9	1.597	2.495	13.6	19.9
8 19	19 57.75	+13 50.0	1.620	2.488	14.9	20.0
8 29	19 52.64	+12 38.0	1.661	2.481	16.7	20.1
359955 2012 BZ_{31}			7 25.0 147°.53		1°.9/23.6 18	
6 20	20 41.26	−24 3.4	2.565	3.424	10.5	21.2
6 30	20 36.30	−24 40.9	2.493	3.428	7.8	21.0
7 10	20 29.74	−25 20.4	2.446	3.432	4.9	20.8
7 20	20 22.07	−25 58.3	2.426	3.436	2.3	20.7
7 30	20 14.01	−26 31.2	2.434	3.439	2.8	20.7
8 9	20 6.32	−26 56.6	2.471	3.443	5.7	20.9
8 19	19 59.70	−27 13.1	2.534	3.446	8.5	21.1
8 29	19 54.73	−27 20.6	2.622	3.449	11.0	21.3
328116 2008 AR_{69}			7 25.0 74°.79		0°.2/25.1 17	
6 20	20 44.23	−16 0.6	1.437	2.307	16.6	20.2
6 30	20 39.40	−16 43.7	1.382	2.321	12.5	20.0
7 10	20 32.03	−17 38.8	1.347	2.335	7.8	19.7
7 20	20 22.90	−18 40.9	1.336	2.349	2.7	19.5
7 30	20 13.21	−19 43.6	1.351	2.363	2.5	19.5
8 9	20 4.27	−20 40.7	1.391	2.377	7.5	19.8
8 19	19 57.20	−21 28.1	1.455	2.390	11.9	20.1
8 29	19 52.78	−22 3.9	1.540	2.404	15.6	20.4
489504 2007 MU_{8}			7 25.0 191°.01		19°.4/ 4.2 17	
6 20	20 45.19	+17 51.2	1.231	1.963	26.2	21.6
6 30	20 40.76	+19 48.7	1.171	1.963	24.3	21.4
7 10	20 33.28	+21 8.6	1.124	1.962	22.3	21.3
7 20	20 23.46	+21 41.1	1.090	1.961	20.6	21.2
7 30	20 12.56	+21 19.5	1.072	1.960	19.6	21.1
8 9	20 2.20	+20 4.6	1.071	1.958	19.6	21.1
8 19	19 53.84	+18 4.3	1.088	1.955	20.6	21.2
8 29	19 48.63	+15 32.3	1.120	1.953	22.3	21.3
317689 2003 OF_{12}			7 25.0 348°.99		9°.9/30.9 18	
6 20	20 37.69	+ 6 41.8	1.985	2.752	16.4	19.3
6 30	20 34.00	+ 7 41.8	1.907	2.747	14.4	19.1
7 10	20 28.51	+ 8 21.0	1.847	2.742	12.3	19.0
7 20	20 21.72	+ 8 36.2	1.809	2.738	10.6	18.8
7 30	20 14.38	+ 8 25.8	1.793	2.734	9.9	18.8
8 9	20 7.37	+ 7 51.5	1.801	2.731	10.4	18.8
8 19	20 1.50	+ 6 57.3	1.831	2.729	12.0	18.9
8 29	19 57.45	+ 5 49.0	1.883	2.727	14.1	19.1

335099 2004 TV_{93} 7 25.0 314.°33 2.°7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.76	−12 45.1	1.496	2.362	16.3	20.4
6 30	20 37.01	−12 39.5	1.411	2.345	12.7	20.1
7 10	20 30.75	−12 47.0	1.346	2.328	8.5	19.9
7 20	20 22.57	−13 6.4	1.303	2.312	4.2	19.6
7 30	20 13.49	−13 35.0	1.285	2.296	3.4	19.5
8 9	20 4.80	−14 8.6	1.292	2.280	7.6	19.7
8 19	19 57.67	−14 43.1	1.323	2.265	12.2	19.9
8 29	19 53.09	−15 14.9	1.374	2.251	16.3	20.1

498060 2007 RO_{97} 7 25.0 274.°05 3.°0/23.6 17

6 20	20 46.39	−23 41.5	1.466	2.344	15.9	22.1
6 30	20 41.61	−24 26.2	1.380	2.324	12.1	21.9
7 10	20 33.83	−25 17.3	1.314	2.304	7.7	21.6
7 20	20 23.68	−26 8.3	1.273	2.283	3.6	21.3
7 30	20 12.36	−26 52.0	1.256	2.263	4.5	21.3
8 9	20 1.41	−27 22.5	1.265	2.242	9.2	21.5
8 19	19 52.32	−27 37.3	1.297	2.221	14.0	21.7
8 29	19 46.25	−27 36.7	1.348	2.199	18.2	21.9

485666 2011 WN_{88} 7 25.0 202.°05 6.°2/19.7 18

6 20	20 44.65	−36 40.1	2.480	3.334	11.0	21.2
6 30	20 39.28	−38 6.7	2.413	3.332	8.8	21.0
7 10	20 31.84	−39 28.7	2.371	3.329	7.0	20.9
7 20	20 22.87	−40 39.8	2.356	3.326	6.2	20.9
7 30	20 13.24	−41 34.5	2.368	3.323	7.0	20.9
8 9	20 3.97	−42 9.7	2.407	3.320	8.9	21.0
8 19	19 55.98	−42 25.2	2.469	3.317	11.1	21.2
8 29	19 50.07	−42 22.7	2.553	3.313	13.1	21.3

502596 2015 CW_{9} 7 25.0 215.°71 0.°1/25.0 17

6 20	20 45.97	−18 19.7	1.807	2.666	14.2	22.5
6 30	20 40.48	−18 36.8	1.726	2.660	10.8	22.3
7 10	20 32.67	−19 1.1	1.668	2.654	6.7	22.0
7 20	20 23.17	−19 29.2	1.634	2.647	2.3	21.7
7 30	20 12.97	−19 57.4	1.628	2.640	2.3	21.7
8 9	20 3.23	−20 21.9	1.649	2.633	6.8	22.0
8 19	19 54.99	−20 40.3	1.696	2.624	10.9	22.2
8 29	19 49.10	−20 51.6	1.764	2.616	14.5	22.4

395525 2011 UF_{139} 7 25.0 255.°85 1.°9/23.9 18

6 20	20 42.75	−23 46.2	2.203	3.067	11.8	21.3
6 30	20 37.75	−24 14.2	2.122	3.059	8.9	21.1
7 10	20 30.81	−24 44.7	2.063	3.050	5.6	20.8
7 20	20 22.51	−25 13.9	2.031	3.042	2.4	20.6
7 30	20 13.64	−25 38.2	2.027	3.034	3.0	20.7
8 9	20 5.16	−25 54.6	2.050	3.025	6.4	20.9
8 19	19 57.92	−26 2.0	2.099	3.017	9.7	21.0
8 29	19 52.62	−26 0.2	2.171	3.008	12.7	21.2

145091 2005 GM_{64} 7 25.0 11.°12 2.°1/23.6 17

6 20	20 33.43	−13 55.8	0.900	1.809	20.5	18.7
6 30	20 32.48	−16 18.7	0.851	1.812	15.3	18.4
7 10	20 28.35	−19 10.0	0.821	1.818	9.3	18.1
7 20	20 21.82	−22 15.9	0.812	1.825	3.2	17.8
7 30	20 14.32	−25 17.1	0.825	1.835	4.8	17.9
8 9	20 7.63	−27 55.8	0.861	1.846	10.8	18.3
8 19	20 3.28	−30 0.8	0.917	1.860	16.2	18.6
8 29	20 2.34	−31 28.9	0.990	1.875	20.6	19.0

273891 2007 HG_{28} 7 25.0 123.°32 1.°1/25.6 17

6 20	20 44.51	−15 8.2	1.915	2.766	13.9	21.2
6 30	20 39.05	−15 23.4	1.849	2.777	10.5	21.0
7 10	20 31.58	−15 47.5	1.806	2.788	6.7	20.8
7 20	20 22.74	−16 17.7	1.788	2.799	2.6	20.6
7 30	20 13.45	−16 50.8	1.798	2.809	2.2	20.6
8 9	20 4.71	−17 23.1	1.835	2.819	6.1	20.8
8 19	19 57.41	−17 51.9	1.898	2.829	9.8	21.1
8 29	19 52.21	−18 15.4	1.984	2.838	13.0	21.3

165315 2000 UT_{57} 7 25.0 178.°61 1.°6/25.7 17

6 20	20 47.46	−14 47.6	1.829	2.676	14.6	20.6
6 30	20 41.44	−14 48.0	1.753	2.678	11.1	20.4
7 10	20 33.17	−14 57.3	1.699	2.680	7.2	20.1
7 20	20 23.32	−15 13.5	1.670	2.680	3.1	19.9
7 30	20 12.86	−15 33.6	1.669	2.680	2.5	19.8
8 9	20 2.93	−15 54.6	1.696	2.680	6.6	20.1
8 19	19 54.52	−16 13.8	1.748	2.678	10.6	20.3
8 29	19 48.42	−16 29.6	1.823	2.676	14.1	20.5

380774 2005 UX_{242} 7 25.0 311.°97 2.°0/25.7 17

6 20	20 42.93	−15 35.8	1.428	2.300	16.6	20.0
6 30	20 38.78	−15 17.3	1.344	2.282	12.8	19.7
7 10	20 31.92	−15 8.0	1.279	2.265	8.4	19.4
7 20	20 23.00	−15 6.6	1.237	2.248	3.7	19.1
7 30	20 13.12	−15 10.9	1.220	2.231	3.1	19.0
8 9	20 3.67	−15 18.0	1.227	2.215	7.9	19.2
8 19	19 55.95	−15 25.2	1.257	2.199	12.8	19.5
8 29	19 50.98	−15 30.5	1.308	2.184	17.1	19.7

441095 2007 RK_{252} 7 25.0 284.°56 1.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.49	−23 4.3	1.849	2.717	13.6	21.0
6 30	20 39.36	−23 17.9	1.769	2.708	10.2	20.8
7 10	20 31.96	−23 34.3	1.712	2.700	6.4	20.5
7 20	20 22.93	−23 49.6	1.679	2.691	2.5	20.2
7 30	20 13.25	−24 0.3	1.674	2.683	3.0	20.3
8 9	20 4.07	−24 3.5	1.695	2.675	7.0	20.5
8 19	19 56.39	−23 58.3	1.741	2.667	10.9	20.7
8 29	19 51.03	−23 45.0	1.810	2.659	14.3	20.9

213265 2001 GA_{6} 7 25.0 145.°50 17.°3/ 5.2 18

6 20	20 45.61	+17 46.9	1.329	2.051	25.0	20.6
6 30	20 40.78	+19 11.0	1.271	2.058	22.9	20.5
7 10	20 33.12	+19 57.0	1.225	2.065	20.8	20.3
7 20	20 23.38	+19 57.0	1.194	2.071	18.8	20.2
7 30	20 12.79	+19 6.9	1.181	2.076	17.6	20.2
8 9	20 2.83	+17 29.9	1.186	2.081	17.4	20.2
8 19	19 54.81	+15 15.2	1.211	2.086	18.4	20.3
8 29	19 49.72	+12 36.3	1.254	2.089	20.2	20.4

287360 2002 UO_{41} 7 25.0 289.°89 0.°2/24.9 18

6 20	20 41.21	−17 58.2	1.917	2.780	13.3	20.6
6 30	20 36.84	−18 28.8	1.833	2.770	10.1	20.4
7 10	20 30.39	−19 7.6	1.772	2.759	6.3	20.1
7 20	20 22.41	−19 51.2	1.736	2.749	2.1	19.8
7 30	20 13.76	−20 35.4	1.727	2.739	2.2	19.8
8 9	20 5.47	−21 16.0	1.745	2.728	6.4	20.1
8 19	19 58.47	−21 49.9	1.788	2.718	10.4	20.3
8 29	19 53.57	−22 15.3	1.853	2.708	13.8	20.5

94287 2001 DU_{60} 7 25.0 74.°53 1.°3/25.9 18

6 20	20 40.34	−14 18.7	2.277	3.124	12.1	19.4
6 30	20 35.68	−14 28.2	2.207	3.133	9.2	19.2
7 10	20 29.39	−14 45.7	2.161	3.141	5.9	19.0
7 20	20 22.00	−15 9.3	2.140	3.150	2.5	18.8
7 30	20 14.24	−15 36.4	2.148	3.159	2.0	18.8
8 9	20 6.89	−16 4.2	2.183	3.168	5.3	19.0
8 19	20 0.67	−16 30.5	2.245	3.176	8.5	19.2
8 29	19 56.15	−16 53.2	2.330	3.185	11.3	19.5

65200 2002 CL_{294} 7 25.0 11.°31 3.°9/22.4 18 R

6 20	20 41.66	−27 25.1	1.994	2.866	12.5	18.9
6 30	20 37.17	−28 29.1	1.927	2.867	9.4	18.7
7 10	20 30.56	−29 34.4	1.884	2.868	6.3	18.5
7 20	20 22.45	−30 34.9	1.866	2.869	4.0	18.4
7 30	20 13.76	−31 25.2	1.875	2.871	4.9	18.5
8 9	20 5.54	−32 1.4	1.911	2.872	7.9	18.7
8 19	19 58.73	−32 22.0	1.971	2.874	11.0	18.9
8 29	19 54.08	−32 27.7	2.053	2.876	13.8	19.0

413149 2002 CA_{257} 7 25.0 169.°90 0.°4/25.2 17

6 20	20 47.00	−16 36.0	1.712	2.568	15.0	22.0
6 30	20 41.27	−17 1.3	1.640	2.572	11.3	21.8
7 10	20 33.16	−17 36.0	1.590	2.575	7.1	21.6
7 20	20 23.35	−18 16.4	1.566	2.578	2.5	21.3
7 30	20 12.89	−18 58.0	1.568	2.580	2.3	21.3
8 9	20 2.99	−19 36.3	1.597	2.581	6.9	21.6
8 19	19 54.72	−20 8.3	1.652	2.582	11.1	21.8
8 29	19 48.89	−20 32.3	1.729	2.582	14.7	22.1

315879 2008 JT_{29} 7 25.0 277.°66 1.°9/23.7 18

6 20	20 40.96	−23 13.0	2.288	3.152	11.4	21.1
6 30	20 36.40	−23 53.7	2.203	3.141	8.6	20.9
7 10	20 30.00	−24 38.1	2.143	3.130	5.4	20.7
7 20	20 22.27	−25 22.2	2.108	3.119	2.4	20.5
7 30	20 13.96	−26 1.8	2.102	3.108	3.0	20.5
8 9	20 5.96	−26 33.8	2.123	3.097	6.3	20.7
8 19	19 59.09	−26 56.0	2.170	3.086	9.5	20.9
8 29	19 54.05	−27 8.0	2.240	3.075	12.4	21.0

291710 2006 JH_{15} 7 25.0 212.°97 6.°6/29.1 18

6 20	20 41.74	+ 0 27.4	2.232	3.018	14.3	21.2
6 30	20 36.86	+ 0 50.5	2.144	3.012	12.0	21.1
7 10	20 30.22	+ 0 57.0	2.077	3.006	9.5	20.9
7 20	20 22.33	+ 0 45.5	2.034	2.999	7.4	20.8
7 30	20 13.90	+ 0 16.5	2.016	2.992	6.6	20.7
8 9	20 5.74	− 0 27.7	2.026	2.984	7.7	20.8
8 19	19 58.64	− 1 23.1	2.061	2.976	10.0	20.9
8 29	19 53.27	− 2 25.1	2.119	2.968	12.6	21.0

129957 1999 TQ_{262} 7 25.0 309.°94 3.°2/26.6 18

6 20	20 40.93	−10 40.3	1.670	2.522	15.5	20.0
6 30	20 36.82	−10 40.1	1.589	2.514	12.1	19.7
7 10	20 30.48	−10 53.7	1.528	2.505	8.3	19.5
7 20	20 22.48	−11 20.3	1.491	2.496	4.5	19.2
7 30	20 13.77	−11 56.9	1.480	2.488	3.6	19.2
8 9	20 5.46	−12 39.6	1.494	2.480	7.0	19.4
8 19	19 58.58	−13 24.0	1.533	2.472	11.1	19.6
8 29	19 53.97	−14 6.1	1.593	2.465	14.8	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
64008 2001 SQ_{126}			7 25.0 234°.31		3°.4/26.5 17	
	h m	° ′			°	m
6 20	20 45.57	−10 54.3	1.504	2.356	16.9	20.6
6 30	20 40.58	−10 48.5	1.424	2.349	13.3	20.4
7 10	20 32.95	−10 57.2	1.364	2.341	9.1	20.1
7 20	20 23.36	−11 19.6	1.327	2.332	4.8	19.9
7 30	20 12.90	−11 52.8	1.315	2.323	3.9	19.8
8 9	20 2.89	−12 32.4	1.328	2.314	7.8	20.0
8 19	19 54.57	−13 14.0	1.366	2.304	12.3	20.2
8 29	19 48.89	−13 53.4	1.425	2.294	16.4	20.5
102262 1999 TJ_{34}			7 25.0 329°.45		3°.3/26.5 18	
6 20	20 37.83	−11 19.8	1.144	2.027	19.0	19.2
6 30	20 35.44	−11 26.3	1.067	2.010	14.9	18.9
7 10	20 30.11	−11 52.7	1.008	1.994	10.1	18.6
7 20	20 22.48	−12 37.8	0.970	1.978	5.1	18.2
7 30	20 13.73	−13 37.1	0.953	1.964	3.9	18.1
8 9	20 5.43	−14 43.6	0.959	1.951	8.8	18.4
8 19	19 59.05	−15 49.8	0.986	1.939	14.2	18.6
8 29	19 55.75	−16 49.2	1.031	1.928	19.0	18.9
292619 2006 UH_{5}			7 25.0 256°.18		0°.2/24.9 18	
6 20	20 45.50	−17 30.0	1.850	2.707	14.0	22.4
6 30	20 40.33	−18 3.6	1.752	2.685	10.7	22.1
7 10	20 32.75	−18 47.1	1.677	2.663	6.7	21.9
7 20	20 23.31	−19 36.7	1.627	2.640	2.3	21.5
7 30	20 12.91	−20 27.7	1.605	2.616	2.4	21.5
8 9	20 2.72	−21 15.1	1.609	2.592	7.0	21.7
8 19	19 53.87	−21 55.2	1.640	2.567	11.4	21.9
8 29	19 47.32	−22 25.9	1.693	2.541	15.2	22.1
299847 2006 SK_{228}			7 25.0 245°.46		5°.2/28.2 18	
6 20	20 40.25	− 3 31.0	2.242	3.051	13.5	21.3
6 30	20 35.75	− 3 16.4	2.154	3.043	11.1	21.1
7 10	20 29.55	− 3 16.4	2.087	3.035	8.4	20.9
7 20	20 22.13	− 3 31.2	2.044	3.027	6.0	20.7
7 30	20 14.17	− 4 0.1	2.028	3.018	5.2	20.7
8 9	20 6.50	− 4 40.4	2.039	3.010	6.8	20.7
8 19	19 59.85	− 5 28.6	2.076	3.001	9.4	20.9
8 29	19 54.89	− 6 20.5	2.136	2.992	12.2	21.1
472156 2014 DP_{11}			7 25.0 186°.21		1°.7/25.8 17	
6 20	20 45.53	−15 35.8	2.015	2.863	13.4	20.7
6 30	20 39.80	−15 13.8	1.937	2.863	10.3	20.5
7 10	20 32.07	−14 58.1	1.882	2.862	6.7	20.3
7 20	20 22.97	−14 47.4	1.853	2.862	2.9	20.0
7 30	20 13.38	−14 40.5	1.851	2.861	2.5	20.0
8 9	20 4.27	−14 35.6	1.877	2.861	6.1	20.2
8 19	19 56.53	−14 31.6	1.929	2.860	9.7	20.4
8 29	19 50.84	−14 27.1	2.005	2.859	12.9	20.7
60141 1999 TE_{290}			7 25.0 12°.24		10°.1/31.8 18	
6 20	20 36.29	+ 5 53.3	1.635	2.426	18.5	17.8
6 30	20 33.22	+ 6 36.0	1.572	2.431	16.0	17.7
7 10	20 28.14	+ 6 53.0	1.525	2.437	13.4	17.5
7 20	20 21.66	+ 6 41.3	1.499	2.444	11.2	17.4
7 30	20 14.67	+ 6 0.8	1.494	2.452	10.1	17.4
8 9	20 8.16	+ 4 55.5	1.513	2.461	10.7	17.4
8 19	20 3.01	+ 3 31.6	1.553	2.471	12.5	17.6
8 29	19 59.94	+ 1 57.3	1.615	2.482	14.9	17.7
41053 1999 VH_{18}			7 25.0 147°.15		4°.8/21.7 18	
6 20	20 44.83	−34 39.3	2.637	3.491	10.4	19.9
6 30	20 39.07	−35 25.7	2.574	3.497	8.2	19.7
7 10	20 31.52	−36 7.2	2.535	3.502	6.0	19.6
7 20	20 22.77	−36 39.5	2.523	3.508	4.8	19.5
7 30	20 13.61	−36 58.9	2.538	3.513	5.5	19.6
8 9	20 4.92	−37 3.7	2.581	3.518	7.4	19.7
8 19	19 57.49	−36 54.2	2.649	3.522	9.6	19.9
8 29	19 51.93	−36 32.0	2.739	3.527	11.7	20.0
506711 2006 UN_{154}			7 25.0 327°.49		2°.8/25.9 17	
6 20	20 41.05	−14 45.9	1.167	2.053	18.6	21.1
6 30	20 37.85	−14 19.7	1.090	2.035	14.5	20.7
7 10	20 31.61	−14 5.0	1.031	2.019	9.6	20.4
7 20	20 23.00	−14 1.1	0.993	2.003	4.5	20.1
7 30	20 13.31	−14 6.1	0.977	1.988	3.7	20.0
8 9	20 4.13	−14 16.4	0.984	1.975	8.9	20.2
8 19	19 56.96	−14 28.7	1.012	1.962	14.2	20.5
8 29	19 52.95	−14 39.8	1.058	1.950	18.9	20.7
2863 Ben Mayer			7 25.0 333°.19		0°.1/25.0 18	
6 20	20 38.88	−18 4.8	1.823	2.694	13.6	16.6
6 30	20 35.21	−18 25.2	1.740	2.680	10.3	16.4
7 10	20 29.44	−18 53.6	1.679	2.667	6.4	16.1
7 20	20 22.15	−19 26.9	1.642	2.655	2.2	15.8
7 30	20 14.19	−20 1.3	1.631	2.643	2.2	15.8
8 9	20 6.60	−20 33.0	1.646	2.632	6.5	16.1
8 19	20 0.33	−20 58.9	1.686	2.622	10.5	16.3
8 29	19 56.18	−21 17.4	1.748	2.612	14.1	16.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
227345 2005 UX_{66}			7 25.0 279°.82		4°.3/22.8 17	
	h m	° ′			°	m
6 20	20 45.35	−27 13.9	1.641	2.517	14.6	21.2
6 30	20 40.58	−28 9.5	1.559	2.501	11.1	20.9
7 10	20 33.07	−29 7.7	1.498	2.484	7.4	20.7
7 20	20 23.46	−30 1.7	1.462	2.467	4.5	20.5
7 30	20 12.87	−30 44.3	1.452	2.450	5.5	20.5
8 9	20 2.70	−31 10.7	1.466	2.433	9.3	20.7
8 19	19 54.25	−31 19.2	1.505	2.416	13.2	20.9
8 29	19 48.56	−31 11.0	1.563	2.399	16.8	21.1
76086 2000 DK_{92}			7 25.0 246°.82		3°.9/22.9 18	
6 20	20 46.03	−29 31.1	2.164	3.026	12.1	20.1
6 30	20 40.39	−30 7.2	2.081	3.015	9.2	19.9
7 10	20 32.58	−30 42.0	2.022	3.002	6.2	19.7
7 20	20 23.21	−31 10.4	1.988	2.990	4.0	19.5
7 30	20 13.19	−31 28.1	1.982	2.977	4.8	19.6
8 9	20 3.60	−31 32.4	2.003	2.964	7.6	19.7
8 19	19 55.39	−31 22.9	2.050	2.951	10.7	19.9
8 29	19 49.37	−31 1.1	2.119	2.937	13.6	20.1
328195 2008 EH_{16}			7 25.0 67°.57		1°.6/24.4 17	
6 20	20 46.69	−21 48.4	1.425	2.302	16.3	21.0
6 30	20 41.30	−22 13.9	1.373	2.317	12.2	20.7
7 10	20 33.24	−22 44.4	1.342	2.332	7.5	20.5
7 20	20 23.41	−23 14.5	1.335	2.347	2.8	20.3
7 30	20 13.09	−23 39.2	1.353	2.363	3.3	20.3
8 9	20 3.67	−23 54.7	1.396	2.378	7.9	20.7
8 19	19 56.28	−24 0.0	1.463	2.394	12.2	21.0
8 29	19 51.70	−23 55.4	1.551	2.409	15.8	21.2
126472 2002 CF_{42}			7 25.0 172°.59		4°.9/27.9 18	
6 20	20 43.01	− 4 33.8	2.174	2.984	13.8	20.8
6 30	20 37.79	− 4 20.0	2.095	2.987	11.2	20.6
7 10	20 30.80	− 4 20.5	2.038	2.989	8.3	20.4
7 20	20 22.57	− 4 35.3	2.005	2.991	5.7	20.2
7 30	20 13.86	− 5 3.2	1.999	2.992	4.9	20.2
8 9	20 5.52	− 5 41.3	2.021	2.993	6.7	20.3
8 19	19 58.32	− 6 26.1	2.069	2.993	9.5	20.5
8 29	19 52.93	− 7 13.7	2.140	2.993	12.3	20.7
217225 2002 XW_{14}			7 25.0 318°.73		1°.5/25.8 18	
6 20	20 39.72	−13 47.8	1.294	2.172	17.5	19.9
6 30	20 36.65	−14 12.5	1.213	2.155	13.5	19.6
7 10	20 30.79	−14 54.1	1.151	2.138	8.8	19.3
7 20	20 22.74	−15 49.7	1.111	2.122	3.6	18.9
7 30	20 13.62	−16 53.8	1.094	2.107	2.9	18.8
8 9	20 4.90	−17 59.2	1.102	2.092	8.2	19.1
8 19	19 57.95	−18 59.6	1.132	2.078	13.4	19.3
8 29	19 53.88	−19 50.2	1.181	2.065	18.0	19.6
163540 2002 TO_{76}			7 25.0 275°.28		2°.5/26.3 18	
6 20	20 41.97	−12 24.8	1.973	2.819	13.7	19.8
6 30	20 37.29	−12 18.1	1.889	2.811	10.6	19.6
7 10	20 30.63	−12 21.4	1.827	2.804	7.1	19.4
7 20	20 22.55	−12 33.7	1.789	2.796	3.6	19.1
7 30	20 13.88	−12 52.7	1.779	2.788	2.9	19.1
8 9	20 5.58	−13 15.9	1.796	2.780	6.2	19.3
8 19	19 58.52	−13 40.3	1.838	2.772	9.9	19.5
8 29	19 53.46	−14 3.4	1.903	2.764	13.2	19.7
245633 2005 XK_{55}			7 25.0 217°.41		4°.6/28.6 18	
6 20	20 39.07	− 2 8.3	2.851	3.641	11.4	21.7
6 30	20 34.54	− 2 3.2	2.758	3.633	9.4	21.5
7 10	20 28.66	− 2 10.7	2.687	3.626	7.2	21.4
7 20	20 21.83	− 2 31.0	2.642	3.617	5.3	21.2
7 30	20 14.60	− 3 3.1	2.624	3.609	4.6	21.2
8 9	20 7.58	− 3 44.9	2.634	3.600	5.7	21.2
8 19	20 1.34	− 4 33.4	2.672	3.591	7.8	21.4
8 29	19 56.42	− 5 25.4	2.734	3.581	10.1	21.5
75626 2000 AQ_{48}			7 25.0 285°.38		4°.7/22.7 18	
6 20	20 46.00	−27 4.5	1.497	2.377	15.5	19.1
6 30	20 41.44	−28 4.6	1.410	2.354	11.9	18.8
7 10	20 33.84	−29 8.9	1.344	2.331	7.9	18.5
7 20	20 23.81	−30 9.7	1.302	2.308	4.9	18.3
7 30	20 12.56	−30 58.6	1.285	2.284	6.0	18.3
8 9	20 1.64	−31 29.6	1.292	2.260	10.1	18.5
8 19	19 52.57	−31 40.3	1.322	2.236	14.5	18.7
8 29	19 46.55	−31 32.0	1.372	2.213	18.5	18.9
93275 2000 SO_{178}			7 25.0 268°.93		9°.4/19.9 18	
6 20	20 51.97	−42 21.8	1.838	2.689	14.4	20.0
6 30	20 45.72	−43 31.6	1.766	2.674	12.1	19.8
7 10	20 36.33	−44 30.6	1.716	2.659	10.2	19.7
7 20	20 24.59	−45 9.9	1.689	2.645	9.4	19.6
7 30	20 11.89	−45 22.3	1.686	2.629	10.2	19.6
8 9	19 59.91	−45 5.3	1.707	2.614	12.3	19.7
8 19	19 50.12	−44 21.2	1.750	2.599	14.8	19.8
8 29	19 43.54	−43 15.4	1.812	2.583	17.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
239806 1996 GJ_5			7 25.0 319°.51	6°.7/21.4 18		R
	h m	° ′			°	m
6 20	20 43.73	−32 55.6	1.603	2.483	14.6	19.6
6 30	20 39.53	−34 1.8	1.528	2.467	11.5	19.4
7 10	20 32.48	−35 5.6	1.474	2.451	8.5	19.2
7 20	20 23.29	−35 58.8	1.444	2.436	6.7	19.0
7 30	20 13.15	−36 33.8	1.438	2.421	7.8	19.1
8 9	20 3.53	−36 46.2	1.456	2.407	10.8	19.2
8 19	19 55.79	−36 35.9	1.496	2.393	14.2	19.4
8 29	19 50.95	−36 5.5	1.556	2.380	17.4	19.6
4210 Isobelthompson			7 25.0 219°.84	2°.9/27.1 18		
6 20	20 39.78	− 8 34.1	2.357	3.185	12.4	17.6
6 30	20 35.34	− 8 50.1	2.272	3.181	9.7	17.4
7 10	20 29.28	− 9 18.3	2.209	3.177	6.7	17.2
7 20	20 22.07	− 9 57.3	2.172	3.173	3.9	17.0
7 30	20 14.39	−10 44.9	2.163	3.168	3.1	17.0
8 9	20 6.99	−11 37.4	2.182	3.164	5.5	17.1
8 19	20 0.58	−12 31.4	2.227	3.159	8.5	17.3
8 29	19 55.79	−13 23.5	2.297	3.154	11.4	17.5
260376 2004 VK_{18}			7 25.0 109°.24	12°.6/ 4.9 18		
6 20	20 40.23	+22 44.7	2.621	3.236	16.0	20.2
6 30	20 35.63	+24 7.2	2.551	3.238	15.0	20.1
7 10	20 29.45	+25 7.0	2.497	3.240	14.0	20.0
7 20	20 22.13	+25 40.2	2.460	3.242	13.2	20.0
7 30	20 14.33	+25 44.4	2.443	3.245	12.7	19.9
8 9	20 6.79	+25 20.1	2.445	3.247	12.6	19.9
8 19	20 0.20	+24 29.9	2.468	3.249	13.0	20.0
8 29	19 55.19	+23 18.7	2.509	3.251	13.8	20.0
512895 2016 WJ_{36}			7 25.0 287°.60	0°.1/25.0 18		
6 20	20 41.88	−18 50.9	2.124	2.983	12.4	20.9
6 30	20 37.14	−19 0.2	2.041	2.975	9.3	20.7
7 10	20 30.49	−19 15.0	1.981	2.967	5.8	20.5
7 20	20 22.50	−19 32.6	1.946	2.959	2.0	20.2
7 30	20 13.97	−19 50.2	1.940	2.951	2.0	20.2
8 9	20 5.81	−20 5.1	1.960	2.944	5.9	20.5
8 19	19 58.87	−20 15.7	2.006	2.936	9.5	20.7
8 29	19 53.83	−20 20.9	2.076	2.928	12.6	20.9
371523 2006 UJ_{191}			7 25.0 324°.96	4°.0/23.9 15		
6 20	20 43.84	−27 18.0	1.114	2.013	18.2	20.8
6 30	20 40.50	−27 25.1	1.033	1.988	14.0	20.5
7 10	20 33.56	−27 31.2	0.971	1.963	9.2	20.1
7 20	20 23.78	−27 29.7	0.930	1.940	4.7	19.8
7 30	20 12.63	−27 14.4	0.910	1.917	5.5	19.8
8 9	20 2.09	−26 41.9	0.912	1.896	10.7	20.0
8 19	19 53.95	−25 53.1	0.935	1.876	16.2	20.2
8 29	19 49.52	−24 51.9	0.975	1.858	21.0	20.4
504462 2008 CF_{211}			7 25.0 60°.61	4°.4/23.5 17		
6 20	20 49.53	−28 38.3	1.363	2.243	16.7	21.0
6 30	20 43.64	−29 5.8	1.313	2.257	12.6	20.8
7 10	20 34.78	−29 30.9	1.284	2.270	8.3	20.6
7 20	20 23.96	−29 46.8	1.278	2.284	4.8	20.4
7 30	20 12.65	−29 48.4	1.297	2.298	5.5	20.5
8 9	20 2.44	−29 33.7	1.341	2.313	9.4	20.8
8 19	19 54.57	−29 4.3	1.407	2.327	13.4	21.1
8 29	19 49.83	−28 23.6	1.493	2.342	16.8	21.3
501724 2014 UG_{51}			7 25.0 326°.05	6°.0/26.9 17		
6 20	20 38.69	− 9 33.2	1.024	1.908	20.6	21.1
6 30	20 36.41	− 8 51.1	0.948	1.888	16.6	20.8
7 10	20 30.92	− 8 27.2	0.888	1.869	11.9	20.4
7 20	20 22.87	− 8 23.8	0.847	1.850	7.4	20.1
7 30	20 13.53	− 8 40.6	0.827	1.833	6.3	20.0
8 9	20 4.64	− 9 13.9	0.827	1.817	10.3	20.1
8 19	19 57.83	− 9 57.7	0.847	1.802	15.6	20.4
8 29	19 54.40	−10 44.8	0.884	1.789	20.5	20.6
305442 2008 CQ_{192}			7 25.0 190°.45	0°.9/24.5 18		
6 20	20 42.15	−20 59.9	2.202	3.063	12.0	21.2
6 30	20 37.25	−21 23.8	2.127	3.063	8.9	21.0
7 10	20 30.51	−21 51.8	2.075	3.062	5.5	20.8
7 20	20 22.50	−22 20.7	2.049	3.062	2.0	20.5
7 30	20 14.01	−22 47.1	2.051	3.062	2.3	20.6
8 9	20 5.93	−23 8.2	2.081	3.061	5.9	20.8
8 19	19 59.07	−23 22.4	2.137	3.061	9.3	21.0
8 29	19 54.08	−23 28.9	2.216	3.060	12.2	21.2
444330 2005 WE_{47}			7 25.0 329°.69	3°.2/26.6 18		
6 20	20 40.81	−11 7.2	2.027	2.870	13.5	20.9
6 30	20 36.34	−10 45.3	1.944	2.863	10.6	20.7
7 10	20 30.00	−10 33.2	1.884	2.857	7.3	20.5
7 20	20 22.34	−10 30.6	1.849	2.852	4.1	20.3
7 30	20 14.16	−10 36.2	1.840	2.846	3.5	20.2
8 9	20 6.35	−10 48.0	1.858	2.841	6.2	20.4
8 19	19 59.74	−11 3.7	1.902	2.836	9.6	20.6
8 29	19 55.02	−11 20.6	1.969	2.832	12.8	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
316229 2010 NL_{110}			7 25.0 333°.64	2°.4/26.1 18		
	h m	° ′			°	m
6 20	20 41.82	−13 53.1	1.942	2.794	13.7	20.3
6 30	20 37.17	−13 29.7	1.861	2.788	10.6	20.0
7 10	20 30.55	−13 14.1	1.802	2.781	7.0	19.8
7 20	20 22.53	−13 5.7	1.768	2.775	3.5	19.6
7 30	20 13.97	−13 3.2	1.761	2.770	2.9	19.5
8 9	20 5.83	−13 4.7	1.780	2.765	6.2	19.7
8 19	19 58.99	−13 8.5	1.825	2.760	9.9	20.0
8 29	19 54.15	−13 12.5	1.892	2.755	13.2	20.2
181994 1999 VO_{161}			7 25.0 259°.91	2°.3/26.1 18		
6 20	20 45.37	−13 20.9	1.711	2.563	15.2	21.1
6 30	20 40.30	−13 15.8	1.619	2.545	11.8	20.8
7 10	20 32.77	−13 21.5	1.547	2.527	7.9	20.5
7 20	20 23.38	−13 36.7	1.500	2.508	3.7	20.2
7 30	20 13.08	−13 58.8	1.479	2.489	3.0	20.1
8 9	20 3.09	−14 24.5	1.484	2.470	7.2	20.3
8 19	19 54.55	−14 50.6	1.515	2.450	11.6	20.6
8 29	19 48.40	−15 14.2	1.567	2.429	15.5	20.8
387772 2003 TU_{38}			7 25.1 295°.50	0°.8/25.4 18		
6 20	20 43.79	−17 16.7	1.790	2.651	14.2	21.2
6 30	20 38.85	−17 13.0	1.711	2.645	10.8	21.0
7 10	20 31.69	−17 16.1	1.655	2.640	6.9	20.7
7 20	20 22.95	−17 23.9	1.623	2.635	2.6	20.4
7 30	20 13.59	−17 33.8	1.617	2.629	2.2	20.4
8 9	20 4.70	−17 43.0	1.639	2.624	6.6	20.7
8 19	19 57.29	−17 49.6	1.685	2.619	10.6	20.9
8 29	19 52.14	−17 52.4	1.753	2.614	14.2	21.1
177119 2003 GE_{47}			7 25.1 86°.99	0°.7/25.5 18		
6 20	20 40.98	−15 43.6	2.133	2.986	12.6	20.8
6 30	20 36.36	−16 6.7	2.061	2.991	9.5	20.6
7 10	20 29.95	−16 37.9	2.013	2.997	6.0	20.4
7 20	20 22.31	−17 14.6	1.990	3.002	2.3	20.1
7 30	20 14.23	−17 53.4	1.995	3.007	1.9	20.1
8 9	20 6.56	−18 30.8	2.028	3.012	5.6	20.4
8 19	20 0.10	−19 4.2	2.086	3.018	9.1	20.6
8 29	19 55.46	−19 31.7	2.169	3.023	12.1	20.8
42824 1999 NF_{16}			7 25.1 2°.43	0°.5/25.3 18		
6 20	20 39.60	−14 51.6	1.128	2.018	18.8	17.7
6 30	20 36.70	−15 37.7	1.067	2.016	14.3	17.5
7 10	20 30.82	−16 41.7	1.025	2.016	9.0	17.2
7 20	20 22.75	−17 58.4	1.003	2.016	3.2	16.8
7 30	20 13.77	−19 19.3	1.005	2.017	2.9	16.8
8 9	20 5.50	−20 35.6	1.029	2.019	8.6	17.2
8 19	19 59.30	−21 40.5	1.075	2.022	13.9	17.5
8 29	19 56.22	−22 30.1	1.141	2.026	18.4	17.8
303666 2005 MB_{15}			7 25.1 239°.50	1°.1/25.6 18		
6 20	20 43.31	−16 18.4	2.289	3.135	12.0	20.7
6 30	20 38.03	−16 9.2	2.202	3.128	9.2	20.5
7 10	20 30.98	−16 5.5	2.140	3.121	5.9	20.3
7 20	20 22.67	−16 6.1	2.103	3.114	2.4	20.0
7 30	20 13.87	−16 9.1	2.095	3.106	2.0	20.0
8 9	20 5.43	−16 12.6	2.115	3.098	5.5	20.2
8 19	19 58.12	−16 15.3	2.161	3.091	8.9	20.4
8 29	19 52.61	−16 16.0	2.232	3.082	11.9	20.6
107506 2001 DM_{49}			7 25.1 125°.20	4°.3/22.9 18		
6 20	20 48.45	−27 29.7	1.616	2.488	14.9	19.9
6 30	20 42.63	−28 30.2	1.558	2.498	11.3	19.6
7 10	20 34.14	−29 31.1	1.523	2.507	7.4	19.4
7 20	20 23.79	−30 25.2	1.512	2.516	4.6	19.3
7 30	20 12.81	−31 5.9	1.527	2.525	5.5	19.4
8 9	20 2.59	−31 29.2	1.569	2.533	9.0	19.6
8 19	19 54.32	−31 34.9	1.634	2.541	12.6	19.8
8 29	19 48.84	−31 25.0	1.719	2.549	15.8	20.1
118403 1999 RY_{92}			7 25.1 284°.46	1°.5/26.0 18		
6 20	20 40.38	−13 16.8	2.343	3.186	11.9	19.8
6 30	20 35.99	−13 33.0	2.238	3.160	9.2	19.6
7 10	20 29.83	−13 58.8	2.155	3.134	6.1	19.3
7 20	20 22.33	−14 32.5	2.099	3.108	2.7	19.1
7 30	20 14.17	−15 11.6	2.070	3.081	2.1	19.0
8 9	20 6.16	−15 52.9	2.070	3.054	5.5	19.2
8 19	19 59.09	−16 33.2	2.096	3.027	9.0	19.3
8 29	19 53.69	−17 10.0	2.146	3.000	12.2	19.5
24339 2000 AK_{84}			7 25.1 344°.75	1°.4/25.9 18		
6 20	20 39.66	−12 14.9	1.291	2.166	17.8	17.7
6 30	20 36.49	−13 5.5	1.221	2.161	13.7	17.4
7 10	20 30.60	−14 16.2	1.170	2.156	8.8	17.1
7 20	20 22.67	−15 42.7	1.141	2.152	3.6	16.8
7 30	20 13.84	−17 17.3	1.136	2.149	2.7	16.7
8 9	20 5.53	−18 51.0	1.156	2.146	8.0	17.0
8 19	19 59.02	−20 15.9	1.199	2.144	13.0	17.3
8 29	19 55.32	−21 26.9	1.262	2.143	17.3	17.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
469558 2003 UY_{132}			7 25.1 260°57		3°9/27.0 18	
	h m	° ′			°	m
6 20	20 43.22	− 8 11.6	2.227	3.050	13.1	21.5
6 30	20 38.14	− 7 52.4	2.124	3.028	10.5	21.3
7 10	20 31.17	− 7 44.0	2.044	3.007	7.6	21.1
7 20	20 22.80	− 7 46.8	1.989	2.984	4.8	20.9
7 30	20 13.73	− 7 59.8	1.961	2.961	4.1	20.8
8 9	20 4.85	− 8 21.0	1.961	2.938	6.4	20.9
8 19	19 57.01	− 8 47.9	1.987	2.914	9.7	21.0
8 29	19 50.94	− 9 17.4	2.037	2.890	12.8	21.2
431403 2007 GU_{41}			7 25.1 42°31		3°5/23.6 16	
6 20	20 45.27	−25 21.5	1.316	2.203	16.7	21.0
6 30	20 40.42	−26 3.2	1.273	2.222	12.5	20.8
7 10	20 32.78	−26 46.5	1.251	2.241	7.9	20.6
7 20	20 23.30	−27 24.6	1.252	2.261	4.0	20.4
7 30	20 13.39	−27 51.3	1.277	2.282	4.8	20.5
8 9	20 4.51	−28 3.4	1.327	2.304	8.9	20.8
8 19	19 57.81	−28 0.6	1.399	2.326	13.0	21.1
8 29	19 54.06	−27 44.8	1.491	2.348	16.4	21.4
455065 2015 UG_{37}			7 25.1 209°30		2°8/27.3 18	
6 20	20 38.11	− 7 59.7	2.725	3.546	11.1	21.2
6 30	20 33.88	− 8 10.3	2.640	3.544	8.7	21.0
7 10	20 28.29	− 8 31.4	2.578	3.542	6.1	20.9
7 20	20 21.75	− 9 2.2	2.543	3.541	3.7	20.7
7 30	20 14.82	− 9 40.7	2.535	3.539	3.0	20.7
8 9	20 8.16	−10 24.3	2.556	3.537	4.9	20.8
8 19	20 2.34	−11 10.1	2.604	3.535	7.5	21.0
8 29	19 57.88	−11 55.4	2.678	3.532	10.0	21.1
267697 2002 XY_{30}			7 25.1 220°97		4°4/26.9 18	
6 20	20 46.07	− 8 29.8	1.945	2.772	14.6	20.9
6 30	20 40.40	− 7 56.8	1.857	2.764	11.7	20.7
7 10	20 32.61	− 7 35.1	1.792	2.755	8.4	20.4
7 20	20 23.29	− 7 25.3	1.751	2.746	5.3	20.2
7 30	20 13.30	− 7 26.7	1.737	2.737	4.6	20.2
8 9	20 3.68	− 7 37.6	1.750	2.727	7.1	20.3
8 19	19 55.37	− 7 55.4	1.790	2.717	10.6	20.5
8 29	19 49.16	− 8 16.9	1.852	2.705	13.8	20.7
125533 2001 WK_{85}			7 25.1 345°25		2°1/25.8 18	
6 20	20 38.84	−14 53.1	0.988	1.886	20.0	19.7
6 30	20 36.51	−14 50.1	0.923	1.876	15.5	19.3
7 10	20 30.92	−15 2.9	0.876	1.868	10.1	19.0
7 20	20 22.85	−15 29.3	0.849	1.860	4.3	18.7
7 30	20 13.72	−16 4.6	0.842	1.854	3.4	18.6
8 9	20 5.30	−16 42.4	0.856	1.850	9.2	18.9
8 19	19 59.16	−17 17.0	0.890	1.846	14.9	19.2
8 29	19 56.44	−17 44.4	0.942	1.844	19.8	19.5
388565 2007 QX_{6}			7 25.1 311°64		2°5/26.4 18	
6 20	20 39.21	−11 8.7	1.592	2.452	15.7	20.6
6 30	20 35.86	−11 31.5	1.498	2.429	12.3	20.3
7 10	20 30.13	−12 11.2	1.425	2.406	8.3	20.1
7 20	20 22.54	−13 6.1	1.374	2.383	4.1	19.7
7 30	20 13.98	−14 11.9	1.349	2.360	3.1	19.6
8 9	20 5.65	−15 23.0	1.349	2.338	7.3	19.8
8 19	19 58.70	−16 33.2	1.373	2.316	11.9	20.0
8 29	19 54.12	−17 37.4	1.419	2.295	16.0	20.2
212191 2005 GL_{101}			7 25.1 242°77		0°7/24.7 18	
6 20	20 42.87	−19 48.1	2.013	2.875	12.9	21.0
6 30	20 38.00	−20 13.5	1.934	2.870	9.7	20.8
7 10	20 31.11	−20 44.7	1.878	2.865	6.0	20.5
7 20	20 22.77	−21 18.2	1.847	2.860	2.1	20.3
7 30	20 13.85	−21 50.2	1.844	2.855	2.3	20.3
8 9	20 5.34	−22 17.2	1.868	2.850	6.3	20.5
8 19	19 58.13	−22 37.3	1.918	2.845	10.0	20.7
8 29	19 52.97	−22 49.3	1.991	2.840	13.2	20.9
54826 2001 NV_{7}			7 25.1 280°06		0°1/25.1 18	
6 20	20 45.90	−19 15.5	1.595	2.463	15.3	19.0
6 30	20 40.84	−19 12.9	1.511	2.449	11.7	18.8
7 10	20 33.17	−19 16.1	1.448	2.435	7.4	18.5
7 20	20 23.55	−19 22.3	1.408	2.421	2.6	18.1
7 30	20 13.07	−19 28.4	1.395	2.407	2.5	18.1
8 9	20 3.06	−19 31.2	1.407	2.393	7.4	18.4
8 19	19 54.71	−19 29.3	1.444	2.379	12.0	18.6
8 29	19 49.00	−19 22.0	1.502	2.365	16.0	18.8
256563 2007 RZ_{285}			7 25.1 239°92		4°6/27.1 17	
6 20	20 44.56	− 8 24.6	1.555	2.398	16.9	20.8
6 30	20 39.73	− 8 6.2	1.475	2.392	13.4	20.5
7 10	20 32.42	− 8 3.4	1.416	2.386	9.5	20.3
7 20	20 23.28	− 8 16.3	1.380	2.379	5.8	20.0
7 30	20 13.34	− 8 43.2	1.369	2.372	4.9	20.0
8 9	20 3.86	− 9 20.2	1.383	2.365	7.9	20.1
8 19	19 55.96	−10 2.8	1.421	2.358	12.0	20.3
8 29	19 50.57	−10 46.5	1.480	2.350	15.8	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
446125 2013 EM_{22}			7 25.1 90°76		0°6/25.4 18	
	h m	° ′			°	m
6 20	20 41.14	−16 40.1	2.240	3.093	12.1	21.1
6 30	20 36.42	−16 52.9	2.166	3.096	9.1	20.9
7 10	20 29.97	−17 12.3	2.115	3.099	5.7	20.7
7 20	20 22.35	−17 36.1	2.090	3.102	2.1	20.5
7 30	20 14.29	−18 1.6	2.093	3.105	1.8	20.5
8 9	20 6.64	−18 25.8	2.123	3.108	5.4	20.7
8 19	20 0.14	−18 46.8	2.180	3.110	8.8	21.0
8 29	19 55.40	−19 3.1	2.261	3.113	11.7	21.2
474488 2003 SW_{337}			7 25.1 309°59		3°6/23.1 18	
6 20	20 42.66	−25 39.5	1.614	2.494	14.5	21.4
6 30	20 38.55	−26 30.5	1.533	2.478	11.0	21.2
7 10	20 31.83	−27 25.3	1.473	2.461	7.2	20.9
7 20	20 23.12	−28 17.9	1.437	2.445	3.9	20.7
7 30	20 13.49	−29 1.4	1.427	2.429	4.9	20.7
8 9	20 4.27	−29 31.0	1.442	2.414	8.8	20.9
8 19	19 56.72	−29 44.4	1.480	2.399	12.9	21.1
8 29	19 51.81	−29 42.2	1.538	2.384	16.5	21.3
390793 2004 CN_{8}			7 25.1 232°23		1°2/24.4 18	
6 20	20 43.28	−21 28.1	2.042	2.904	12.7	22.0
6 30	20 38.28	−21 52.8	1.965	2.901	9.5	21.8
7 10	20 31.27	−22 21.8	1.911	2.898	5.9	21.6
7 20	20 22.83	−22 51.4	1.883	2.895	2.2	21.3
7 30	20 13.84	−23 17.9	1.882	2.892	2.6	21.4
8 9	20 5.28	−23 38.2	1.908	2.888	6.4	21.6
8 19	19 58.04	−23 50.6	1.961	2.885	10.0	21.8
8 29	19 52.86	−23 54.6	2.036	2.881	13.1	22.0
44203 1998 MN_{34}			7 25.1 304°99		3°9/26.2 18	
6 20	20 44.03	−12 54.9	1.377	2.243	17.4	18.3
6 30	20 39.93	−12 15.8	1.281	2.214	13.8	18.0
7 10	20 32.92	−11 46.7	1.205	2.186	9.5	17.6
7 20	20 23.58	−11 27.9	1.151	2.157	5.2	17.3
7 30	20 12.99	−11 19.2	1.121	2.129	4.4	17.2
8 9	20 2.64	−11 18.7	1.115	2.102	8.8	17.3
8 19	19 53.95	−11 23.9	1.132	2.074	13.8	17.5
8 29	19 48.15	−11 32.1	1.168	2.048	18.5	17.7
309114 2006 WZ_{122}			7 25.1 350°45		2°3/26.0 18	
6 20	20 42.19	−14 18.0	1.830	2.686	14.2	20.2
6 30	20 37.55	−13 55.2	1.754	2.683	10.9	19.9
7 10	20 30.84	−13 40.5	1.700	2.680	7.2	19.7
7 20	20 22.69	−13 33.1	1.670	2.678	3.5	19.5
7 30	20 14.00	−13 31.5	1.666	2.676	2.9	19.4
8 9	20 5.78	−13 33.7	1.689	2.674	6.4	19.7
8 19	19 58.96	−13 37.7	1.737	2.673	10.2	19.9
8 29	19 54.25	−13 41.6	1.807	2.673	13.6	20.1
205073 1999 RO_{157}			7 25.1 303°54		0°5/25.3 18	
6 20	20 41.90	−15 42.8	1.641	2.507	15.1	20.0
6 30	20 38.08	−16 14.7	1.533	2.470	11.6	19.7
7 10	20 31.68	−17 0.2	1.446	2.433	7.5	19.4
7 20	20 23.15	−17 56.5	1.383	2.396	2.8	19.0
7 30	20 13.39	−18 58.7	1.346	2.358	2.5	18.9
8 9	20 3.65	−20 0.8	1.334	2.320	7.6	19.1
8 19	19 55.21	−20 57.3	1.347	2.283	12.6	19.3
8 29	19 49.24	−21 44.5	1.380	2.245	17.0	19.5
187371 2005 UO_{318}			7 25.1 235°95		0°5/25.4 18	
6 20	20 41.30	−17 2.6	2.360	3.211	11.6	20.8
6 30	20 36.51	−17 13.7	2.277	3.207	8.8	20.6
7 10	20 30.05	−17 30.8	2.218	3.202	5.5	20.4
7 20	20 22.40	−17 51.9	2.186	3.198	2.0	20.2
7 30	20 14.29	−18 14.4	2.181	3.193	1.8	20.1
8 9	20 6.51	−18 35.7	2.204	3.188	5.3	20.4
8 19	19 59.81	−18 53.9	2.254	3.183	8.6	20.6
8 29	19 54.80	−19 7.6	2.328	3.178	11.5	20.8
347999 2003 SP_{209}			7 25.1 348°63		8°1/28.8 17	
6 20	20 35.56	− 3 13.5	1.237	2.092	19.6	20.0
6 30	20 33.41	− 2 32.7	1.165	2.081	16.3	19.7
7 10	20 28.70	− 2 15.1	1.110	2.071	12.6	19.5
7 20	20 22.06	− 2 23.5	1.075	2.062	9.3	19.2
7 30	20 14.58	− 2 57.9	1.061	2.055	8.1	19.2
8 9	20 7.58	− 3 54.0	1.069	2.049	10.1	19.3
8 19	20 2.29	− 5 4.6	1.098	2.045	13.7	19.4
8 29	19 59.66	− 6 21.3	1.147	2.043	17.5	19.7
338729 2003 UH_{111}			7 25.1 120°16		7°0/29.3 17	
6 20	20 41.52	+ 0 9.1	1.953	2.750	15.6	20.9
6 30	20 36.87	+ 0 34.2	1.880	2.756	13.0	20.7
7 10	20 30.35	+ 0 40.6	1.827	2.761	10.3	20.6
7 20	20 22.52	+ 0 27.1	1.797	2.766	7.9	20.4
7 30	20 14.18	− 0 5.6	1.793	2.771	7.0	20.4
8 9	20 6.27	− 0 54.2	1.814	2.776	8.1	20.5
8 19	19 59.60	− 1 54.1	1.859	2.781	10.6	20.6
8 29	19 54.85	− 2 59.9	1.928	2.785	13.2	20.8

476090 2007 TA_{61} 7 25.1 246°.68 1°.8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.40	−13 1.5	2.264	3.104	12.4	22.1
6 30	20 37.48	−13 7.4	2.170	3.090	9.6	21.9
7 10	20 30.74	−13 22.5	2.099	3.076	6.3	21.6
7 20	20 22.68	−13 45.1	2.053	3.061	3.0	21.4
7 30	20 14.02	−14 13.1	2.036	3.046	2.4	21.3
8 9	20 5.61	−14 43.5	2.047	3.030	5.6	21.5
8 19	19 58.26	−15 13.7	2.084	3.015	9.1	21.7
8 29	19 52.68	−15 41.3	2.145	2.998	12.2	21.9

208524 2001 XW_{222} 7 25.1 247°.87 2°.2/24.1 17

6 20	20 46.58	−22 4.4	1.400	2.278	16.5	20.7
6 30	20 41.68	−22 44.2	1.328	2.273	12.4	20.4
7 10	20 33.85	−23 30.9	1.277	2.267	7.8	20.2
7 20	20 23.83	−24 18.5	1.250	2.262	3.1	19.9
7 30	20 12.90	−25 0.1	1.247	2.256	3.9	19.9
8 9	20 2.58	−25 30.4	1.270	2.250	8.7	20.2
8 19	19 54.25	−25 47.0	1.315	2.244	13.4	20.4
8 29	19 48.92	−25 50.1	1.381	2.238	17.4	20.7

409428 2005 LZ_{50} 7 25.1 70°.08 1°.8/25.8 17

6 20	20 46.55	−16 0.3	1.935	2.784	13.8	20.5
6 30	20 40.47	−15 30.5	1.875	2.801	10.5	20.4
7 10	20 32.45	−15 6.7	1.838	2.819	6.8	20.2
7 20	20 23.19	−14 48.1	1.827	2.836	3.0	20.0
7 30	20 13.62	−14 33.5	1.843	2.854	2.5	20.0
8 9	20 4.72	−14 21.4	1.887	2.871	6.0	20.2
8 19	19 57.32	−14 10.8	1.957	2.888	9.6	20.5
8 29	19 52.04	−14 0.8	2.051	2.906	12.6	20.7

40619 1999 RQ_{165} 7 25.1 349°.71 0°.9/25.5 18

6 20	20 42.25	−16 8.3	1.595	2.463	15.3	19.1
6 30	20 37.93	−16 18.6	1.523	2.461	11.7	18.9
7 10	20 31.25	−16 38.7	1.472	2.459	7.4	18.6
7 20	20 22.88	−17 5.8	1.445	2.457	2.8	18.3
7 30	20 13.85	−17 36.2	1.444	2.456	2.4	18.3
8 9	20 5.35	−18 5.7	1.468	2.455	7.0	18.6
8 19	19 58.45	−18 31.2	1.516	2.454	11.3	18.9
8 29	19 53.96	−18 50.6	1.586	2.454	15.0	19.1

355139 2006 UR_{238} 7 25.1 223°.19 5°.6/28.2 18

6 20	20 40.92	− 3 33.4	2.130	2.940	14.1	21.2
6 30	20 36.32	− 3 4.8	2.051	2.940	11.5	21.0
7 10	20 29.97	− 2 50.6	1.993	2.940	8.8	20.8
7 20	20 22.39	− 2 51.7	1.959	2.939	6.4	20.7
7 30	20 14.33	− 3 7.4	1.951	2.939	5.6	20.6
8 9	20 6.63	− 3 35.5	1.970	2.938	7.1	20.7
8 19	20 0.05	− 4 12.6	2.014	2.938	9.7	20.9
8 29	19 55.24	− 4 54.9	2.081	2.938	12.4	21.1

125607 2001 XU_{50} 7 25.1 155°.19 1°.9/26.1 18

6 20	20 44.77	−13 32.3	1.925	2.771	14.0	20.7
6 30	20 39.36	−13 34.4	1.853	2.776	10.7	20.5
7 10	20 31.92	−13 46.3	1.802	2.781	7.0	20.3
7 20	20 23.08	−14 5.9	1.777	2.785	3.2	20.1
7 30	20 13.71	−14 30.6	1.778	2.789	2.5	20.1
8 9	20 4.84	−14 57.3	1.808	2.792	6.2	20.3
8 19	19 57.35	−15 23.1	1.863	2.795	9.9	20.5
8 29	19 51.95	−15 45.8	1.941	2.798	13.2	20.7

255395 2005 WX_{166} 7 25.1 329°.72 0°.4/25.3 18

6 20	20 39.56	−17 9.7	1.798	2.666	13.9	20.5
6 30	20 35.78	−17 25.3	1.715	2.653	10.5	20.3
7 10	20 29.89	−17 49.4	1.653	2.640	6.7	20.0
7 20	20 22.43	−18 19.3	1.616	2.628	2.4	19.7
7 30	20 14.29	−18 51.5	1.604	2.617	2.1	19.7
8 9	20 6.53	−19 22.0	1.619	2.605	6.5	19.9
8 19	20 0.10	−19 47.9	1.658	2.595	10.6	20.1
8 29	19 55.82	−20 7.3	1.720	2.585	14.2	20.3

519147 2010 NQ_{19} 7 25.1 0°.67 0°.3/24.9 15

6 20	20 39.33	−17 55.1	1.737	2.608	14.1	21.1
6 30	20 35.60	−18 29.1	1.666	2.607	10.6	20.9
7 10	20 29.74	−19 12.1	1.617	2.606	6.6	20.6
7 20	20 22.36	−20 0.0	1.593	2.606	2.2	20.3
7 30	20 14.39	−20 48.1	1.595	2.607	2.3	20.4
8 9	20 6.90	−21 31.9	1.622	2.608	6.7	20.6
8 19	20 0.82	−22 8.0	1.675	2.610	10.6	20.9
8 29	19 56.93	−22 34.6	1.749	2.612	14.1	21.1

119876 2002 CO_{195} 7 25.1 36°.48 0°.3/25.2 18

6 20	20 40.64	−17 5.2	1.865	2.729	13.6	19.8
6 30	20 36.32	−17 27.6	1.803	2.739	10.2	19.6
7 10	20 30.03	−17 57.9	1.763	2.750	6.4	19.4
7 20	20 22.42	−18 33.0	1.748	2.761	2.2	19.2
7 30	20 14.37	−19 8.9	1.760	2.772	2.0	19.2
8 9	20 6.86	−19 42.2	1.798	2.784	6.1	19.5
8 19	20 0.73	−20 10.1	1.862	2.796	9.8	19.7
8 29	19 56.64	−20 30.9	1.948	2.808	13.0	20.0

289693 2005 GY_{170} 7 25.1 85°.86 1°.2/25.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.63	−15 21.6	1.941	2.796	13.6	21.1
6 30	20 37.77	−15 28.0	1.869	2.799	10.3	20.9
7 10	20 30.94	−15 42.7	1.820	2.803	6.6	20.6
7 20	20 22.74	−16 3.7	1.795	2.806	2.7	20.4
7 30	20 14.05	−16 28.0	1.798	2.809	2.2	20.4
8 9	20 5.84	−16 52.4	1.827	2.813	6.0	20.6
8 19	19 58.96	−17 14.5	1.883	2.816	9.7	20.9
8 29	19 54.12	−17 32.5	1.961	2.820	13.0	21.1

64785 2001 XW_{197} 7 25.1 354°.13 0°.1/25.1 18

6 20	20 41.90	−10 14.1	1.472	2.330	16.9	17.9
6 30	20 38.04	−12 27.1	1.395	2.327	12.9	17.6
7 10	20 31.58	−15 7.2	1.340	2.325	8.1	17.3
7 20	20 23.10	−18 5.9	1.311	2.323	2.8	17.0
7 30	20 13.62	−21 10.2	1.311	2.322	2.7	17.0
8 9	20 4.46	−24 5.8	1.339	2.322	8.1	17.3
8 19	19 56.88	−26 41.2	1.393	2.322	12.9	17.6
8 29	19 51.95	−28 50.1	1.471	2.322	16.9	17.9

114907 2003 QK_{27} 7 25.1 330°.36 0°.2/25.2 18

6 20	20 42.07	−19 12.8	2.121	2.980	12.4	19.0
6 30	20 37.27	−19 8.7	2.041	2.975	9.3	18.8
7 10	20 30.60	−19 8.9	1.983	2.969	5.8	18.6
7 20	20 22.63	−19 11.3	1.952	2.964	2.0	18.4
7 30	20 14.16	−19 13.8	1.947	2.959	1.9	18.3
8 9	20 6.12	−19 14.3	1.971	2.955	5.8	18.6
8 19	19 59.31	−19 11.6	2.020	2.951	9.3	18.8
8 29	19 54.40	−19 5.1	2.092	2.946	12.4	19.0

286644 2002 EB_{56} 7 25.1 82°.11 1°.8/25.9 17

6 20	20 46.68	−13 27.1	1.377	2.240	17.6	20.8
6 30	20 41.28	−13 44.1	1.326	2.259	13.4	20.6
7 10	20 33.28	−14 14.8	1.295	2.278	8.6	20.3
7 20	20 23.55	−14 55.8	1.287	2.297	3.7	20.1
7 30	20 13.33	−15 41.9	1.305	2.316	2.8	20.1
8 9	20 3.97	−16 27.6	1.347	2.335	7.4	20.4
8 19	19 56.59	−17 8.8	1.414	2.353	11.9	20.7
8 29	19 51.97	−17 42.8	1.502	2.371	15.7	21.0

403176 2008 HR 7 25.1 76°.34 8°.2/31.3 16

6 20	20 39.29	+ 6 24.1	2.270	3.025	14.9	21.6
6 30	20 34.97	+ 6 55.9	2.199	3.034	12.9	21.5
7 10	20 29.07	+ 7 8.0	2.148	3.043	10.8	21.4
7 20	20 22.08	+ 6 58.6	2.118	3.052	9.1	21.3
7 30	20 14.70	+ 6 27.7	2.113	3.061	8.2	21.2
8 9	20 7.68	+ 5 38.0	2.133	3.069	8.7	21.3
8 19	20 1.71	+ 4 33.7	2.178	3.078	10.3	21.4
8 29	19 57.36	+ 3 20.1	2.246	3.087	12.2	21.5

50529 2000 EC_{10} 7 25.1 218°.80 0°.6/25.4 18

6 20	20 42.76	−16 36.9	2.082	2.935	12.8	20.4
6 30	20 37.83	−16 51.2	2.002	2.932	9.7	20.2
7 10	20 30.98	−17 12.9	1.945	2.929	6.1	20.0
7 20	20 22.77	−17 39.6	1.913	2.925	2.3	19.7
7 30	20 14.02	−18 8.1	1.909	2.921	2.0	19.7
8 9	20 5.65	−18 35.2	1.933	2.917	5.8	19.9
8 19	19 58.52	−18 58.6	1.982	2.913	9.5	20.1
8 29	19 53.33	−19 16.7	2.055	2.908	12.7	20.3

330571 2008 CC_{48} 7 25.1 115°.07 2°.0/26.1 17

6 20	20 48.53	−13 11.4	1.937	2.775	14.3	21.7
6 30	20 41.95	−13 13.2	1.880	2.799	10.9	21.5
7 10	20 33.38	−13 24.5	1.845	2.822	7.1	21.3
7 20	20 23.54	−13 43.2	1.836	2.844	3.3	21.1
7 30	20 13.35	−14 6.5	1.855	2.865	2.6	21.1
8 9	20 3.84	−14 31.4	1.903	2.886	6.1	21.4
8 19	19 55.86	−14 55.2	1.976	2.905	9.6	21.6
8 29	19 50.03	−15 16.1	2.074	2.924	12.7	21.9

1312 Vassar 7 25.1 294°.85 1°.3/26.1 18

6 20	20 39.61	−11 12.0	2.174	3.016	12.8	15.5
6 30	20 35.59	−12 11.3	2.073	2.995	9.9	15.3
7 10	20 29.70	−13 25.8	1.995	2.974	6.5	15.1
7 20	20 22.39	−14 52.5	1.943	2.953	2.8	14.8
7 30	20 14.33	−16 26.7	1.920	2.932	2.1	14.7
8 9	20 6.41	−18 2.5	1.925	2.910	5.8	14.9
8 19	19 59.48	−19 34.1	1.958	2.889	9.5	15.1
8 29	19 54.31	−20 57.3	2.015	2.868	12.9	15.3

510390 2011 UE_{95} 7 25.1 339°.51 1°.6/24.2 18

6 20	20 42.14	−22 3.9	1.842	2.713	13.5	21.6
6 30	20 37.65	−22 33.6	1.768	2.709	10.1	21.4
7 10	20 30.99	−23 7.9	1.717	2.706	6.3	21.1
7 20	20 22.80	−23 42.5	1.691	2.703	2.4	20.9
7 30	20 14.00	−24 13.2	1.691	2.700	3.0	20.9
8 9	20 5.68	−24 36.2	1.718	2.698	6.9	21.1
8 19	19 58.80	−24 49.9	1.770	2.696	10.7	21.4
8 29	19 54.14	−24 53.7	1.843	2.694	14.0	21.6

440673 2005 YC_{19} 7 25.1 85°.35 1°.8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.65	−13 33.0	2.348	3.189	12.0	21.3
6 30	20 36.64	−13 28.2	2.280	3.201	9.1	21.1
7 10	20 30.04	−13 30.9	2.236	3.213	6.0	21.0
7 20	20 22.40	−13 40.0	2.218	3.226	2.9	20.8
7 30	20 14.43	−13 53.5	2.228	3.238	2.3	20.7
8 9	20 6.89	−14 9.1	2.266	3.250	5.2	21.0
8 19	20 0.48	−14 25.1	2.331	3.262	8.3	21.2
8 29	19 55.73	−14 39.5	2.420	3.274	11.0	21.4

35881 1999 JM_{77} 7 25.1 336°.17 7°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.76	− 3 30.2	1.302	2.153	19.1	17.5
6 30	20 34.30	− 3 4.5	1.223	2.138	15.8	17.2
7 10	20 29.29	− 3 2.0	1.161	2.123	12.1	17.0
7 20	20 22.32	− 3 25.0	1.120	2.109	8.7	16.8
7 30	20 14.43	− 4 12.6	1.100	2.096	7.4	16.7
8 9	20 6.93	− 5 20.2	1.103	2.085	9.6	16.7
8 19	20 1.04	− 6 40.4	1.128	2.075	13.4	16.9
8 29	19 57.81	− 8 4.6	1.172	2.066	17.4	17.1

300843 2007 XP_{53} 7 25.1 269°.44 1°.0/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.00	−21 2.5	2.106	2.967	12.4	21.3
6 30	20 38.14	−21 24.6	2.017	2.953	9.3	21.1
7 10	20 31.25	−21 51.2	1.952	2.939	5.8	20.9
7 20	20 22.90	−22 19.2	1.912	2.925	2.1	20.6
7 30	20 13.91	−22 44.9	1.900	2.911	2.4	20.6
8 9	20 5.24	−23 5.1	1.916	2.896	6.3	20.8
8 19	19 57.80	−23 18.1	1.957	2.881	9.9	21.0
8 29	19 52.35	−23 23.0	2.021	2.867	13.2	21.2

178843 2001 HL_{52} 7 25.1 45°.38 3°.8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.71	− 9 49.3	1.307	2.170	18.3	20.0
6 30	20 38.49	− 9 49.3	1.251	2.181	14.3	19.8
7 10	20 31.67	−10 7.2	1.214	2.192	9.8	19.6
7 20	20 23.05	−10 41.4	1.199	2.204	5.3	19.3
7 30	20 13.84	−11 27.6	1.208	2.217	4.2	19.3
8 9	20 5.39	−12 20.0	1.241	2.229	7.9	19.6
8 19	19 58.83	−13 13.1	1.298	2.242	12.2	19.9
8 29	19 54.98	−14 1.9	1.374	2.255	16.1	20.1

142779 2002 UQ_{9} 7 25.1 278°.01 4°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.77	−27 35.8	1.579	2.457	14.9	19.9
6 30	20 41.07	−28 39.2	1.499	2.442	11.4	19.6
7 10	20 33.53	−29 45.4	1.441	2.426	7.7	19.4
7 20	20 23.79	−30 47.0	1.407	2.411	4.9	19.2
7 30	20 13.04	−31 36.1	1.398	2.396	6.0	19.2
8 9	20 2.71	−32 7.3	1.415	2.380	9.7	19.4
8 19	19 54.19	−32 18.9	1.454	2.364	13.7	19.6
8 29	19 48.54	−32 12.2	1.514	2.349	17.3	19.8

261180 2005 TR_{130} 7 25.1 82°.61 2°.8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.41	− 9 42.4	2.219	3.053	12.8	20.9
6 30	20 35.85	− 9 46.3	2.148	3.062	10.0	20.7
7 10	20 29.63	−10 1.4	2.100	3.070	6.9	20.6
7 20	20 22.30	−10 26.5	2.077	3.079	3.9	20.4
7 30	20 14.58	−10 59.4	2.081	3.087	3.1	20.3
8 9	20 7.26	−11 36.9	2.113	3.096	5.6	20.5
8 19	20 1.05	−12 15.9	2.171	3.104	8.7	20.7
8 29	19 56.54	−12 53.5	2.253	3.112	11.5	20.9

166548 2002 RF_{58} 7 25.1 330°.41 3°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.14	−12 53.2	1.373	2.248	16.9	18.8
6 30	20 35.38	−12 39.4	1.285	2.224	13.2	18.6
7 10	20 30.02	−12 38.8	1.216	2.200	9.0	18.2
7 20	20 22.61	−12 50.9	1.168	2.177	4.5	17.9
7 30	20 14.19	−13 13.5	1.144	2.155	3.6	17.8
8 9	20 6.09	−13 42.7	1.144	2.134	8.0	18.0
8 19	19 59.59	−14 14.2	1.166	2.114	12.9	18.2
8 29	19 55.77	−14 43.9	1.207	2.096	17.3	18.4

62380 2000 SF_{155} 7 25.1 139°.23 8°.6/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.65	+11 22.4	2.692	3.399	13.9	19.3
6 30	20 35.05	+11 55.9	2.617	3.407	12.3	19.2
7 10	20 29.05	+12 10.2	2.561	3.415	10.7	19.1
7 20	20 22.10	+12 3.5	2.527	3.423	9.4	19.0
7 30	20 14.79	+11 35.3	2.517	3.430	8.7	19.0
8 9	20 7.77	+10 47.6	2.532	3.437	8.9	19.0
8 19	20 1.65	+ 9 44.0	2.571	3.443	9.9	19.1
8 29	19 56.95	+ 8 29.0	2.634	3.449	11.3	19.2

506788 2007 BL_{16} 7 25.1 135°.77 3°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.32	−32 40.7	2.610	3.461	10.6	21.3
6 30	20 40.87	−33 0.6	2.545	3.470	8.2	21.1
7 10	20 32.66	−33 15.9	2.504	3.478	5.7	21.0
7 20	20 23.32	−33 22.9	2.491	3.486	4.0	20.9
7 30	20 13.66	−33 18.9	2.506	3.494	4.5	20.9
8 9	20 4.57	−33 2.8	2.548	3.501	6.7	21.1
8 19	19 56.78	−32 35.4	2.618	3.508	9.1	21.2
8 29	19 50.89	−31 58.6	2.711	3.515	11.4	21.4

255407 2005 WW_{207} 7 25.1 255°.13 2°.2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.59	−25 18.3	2.453	3.313	10.9	20.9
6 30	20 37.59	−25 48.6	2.367	3.302	8.2	20.7
7 10	20 30.80	−26 20.2	2.305	3.290	5.2	20.5
7 20	20 22.75	−26 49.5	2.270	3.279	2.6	20.3
7 30	20 14.17	−27 13.2	2.263	3.267	3.2	20.4
8 9	20 5.90	−27 28.6	2.284	3.255	6.1	20.5
8 19	19 58.73	−27 34.5	2.331	3.243	9.2	20.7
8 29	19 53.33	−27 31.1	2.402	3.231	11.9	20.9

10158 Taroubou 7 25.1 324°.23 4°.6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.10	−25 57.5	1.241	2.138	16.9	16.8
6 30	20 38.14	−26 54.9	1.164	2.117	12.9	16.5
7 10	20 32.01	−27 57.9	1.106	2.097	8.5	16.2
7 20	20 23.36	−28 58.8	1.070	2.078	4.9	16.0
7 30	20 13.49	−29 48.3	1.057	2.059	6.2	16.0
8 9	20 4.11	−30 19.7	1.066	2.042	10.7	16.2
8 19	19 56.79	−30 30.2	1.096	2.025	15.5	16.4
8 29	19 52.78	−30 20.7	1.144	2.010	19.8	16.6

225253 2009 RP_{1} 7 25.1 282°.82 11°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.37	+18 16.2	2.596	3.254	15.3	20.7
6 30	20 34.38	+19 2.3	2.499	3.236	14.1	20.5
7 10	20 28.81	+19 26.5	2.418	3.217	12.9	20.4
7 20	20 22.08	+19 25.1	2.356	3.198	11.9	20.3
7 30	20 14.79	+18 56.2	2.316	3.179	11.3	20.2
8 9	20 7.66	+18 0.3	2.297	3.160	11.4	20.2
8 19	20 1.38	+16 40.7	2.301	3.141	12.1	20.2
8 29	19 56.59	+15 2.5	2.327	3.121	13.3	20.3

370690 2004 GZ_{56} 7 25.1 71°.35 1°.0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.52	−15 22.5	1.490	2.357	16.3	21.0
6 30	20 39.65	−15 40.7	1.431	2.367	12.4	20.8
7 10	20 32.31	−16 10.3	1.393	2.378	7.8	20.6
7 20	20 23.29	−16 47.6	1.378	2.390	3.0	20.3
7 30	20 13.70	−17 28.0	1.388	2.401	2.4	20.3
8 9	20 4.81	−18 6.7	1.425	2.412	7.1	20.6
8 19	19 57.71	−18 40.3	1.485	2.423	11.5	20.9
8 29	19 53.19	−19 6.3	1.567	2.434	15.2	21.1

507349 2011 US_{330} 7 25.1 151°.84 4°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.22	−32 41.6	2.715	3.569	10.1	21.7
6 30	20 38.74	−33 59.9	2.652	3.576	7.9	21.5
7 10	20 31.49	−35 15.6	2.614	3.583	5.8	21.4
7 20	20 22.98	−36 23.6	2.604	3.589	4.6	21.4
7 30	20 13.96	−37 19.1	2.622	3.595	5.4	21.4
8 9	20 5.28	−37 59.3	2.668	3.601	7.4	21.5
8 19	19 57.71	−38 23.4	2.740	3.606	9.6	21.7
8 29	19 51.92	−38 32.5	2.835	3.611	11.6	21.9

251966 2000 AJ_{1} 7 25.1 260°.37 8°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 51.39	− 1 14.1	1.959	2.744	16.0	20.0
6 30	20 44.70	+ 0 19.9	1.852	2.718	13.6	19.8
7 10	20 35.57	+ 1 43.1	1.766	2.692	11.1	19.6
7 20	20 24.51	+ 2 51.4	1.705	2.664	9.1	19.4
7 30	20 12.40	+ 3 40.7	1.671	2.636	8.7	19.3
8 9	20 0.38	+ 4 9.8	1.664	2.606	10.3	19.3
8 19	19 49.57	+ 4 19.3	1.683	2.576	13.1	19.5
8 29	19 40.95	+ 4 12.6	1.723	2.545	16.1	19.6

49914 1999 XG_{171} 7 25.1 272°.74 2°.2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.81	−22 28.4	1.614	2.486	15.0	20.1
6 30	20 41.00	−23 7.4	1.525	2.466	11.4	19.9
7 10	20 33.46	−23 52.9	1.458	2.447	7.2	19.6
7 20	20 23.80	−24 39.5	1.415	2.426	3.0	19.3
7 30	20 13.11	−25 21.2	1.398	2.406	3.7	19.3
8 9	20 2.74	−25 52.6	1.407	2.385	8.3	19.5
8 19	19 54.02	−26 11.3	1.439	2.364	12.8	19.7
8 29	19 47.99	−26 16.7	1.493	2.343	16.8	19.9

15850 1996 AE_{1} 7 25.1 96°.02 1°.6/25.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.32	−15 48.1	2.274	3.118	12.2	18.2
6 30	20 38.72	−15 24.2	2.200	3.123	9.3	18.0
7 10	20 31.40	−15 5.6	2.149	3.128	6.0	17.8
7 20	20 22.93	−14 51.4	2.124	3.133	2.7	17.6
7 30	20 14.07	−14 40.4	2.128	3.138	2.2	17.6
8 9	20 5.69	−14 31.4	2.160	3.143	5.4	17.8
8 19	19 58.51	−14 23.3	2.219	3.148	8.7	18.0
8 29	19 53.13	−14 15.3	2.302	3.153	11.6	18.2

123426 2000 WE_{111} 7 25.1 225°.58 1°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.75	−22 46.9	2.113	2.972	12.5	20.6
6 30	20 40.19	−23 11.6	2.028	2.963	9.4	20.4
7 10	20 32.54	−23 39.5	1.967	2.954	5.9	20.2
7 20	20 23.38	−24 6.9	1.932	2.944	2.3	19.9
7 30	20 13.59	−24 29.7	1.925	2.934	2.8	20.0
8 9	20 4.19	−24 45.2	1.946	2.923	6.5	20.2
8 19	19 56.10	−24 51.9	1.993	2.912	10.1	20.4
8 29	19 50.10	−24 49.8	2.063	2.900	13.2	20.6

3519 Ambiorix 7 25.1 2.°82 0.°7/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.88	−19 26.7	0.877	1.789	20.6	15.2
6 30	20 36.82	−19 41.1	0.825	1.787	15.6	14.9
7 10	20 31.24	−20 7.0	0.789	1.786	9.7	14.6
7 20	20 23.06	−20 39.1	0.773	1.787	3.3	14.2
7 30	20 13.93	−21 10.4	0.776	1.789	3.5	14.2
8 9	20 5.80	−21 34.4	0.800	1.793	9.8	14.6
8 19	20 0.25	−21 47.7	0.843	1.798	15.6	15.0
8 29	19 58.34	−21 48.8	0.902	1.805	20.4	15.3

74000 1998 FM_{44} 7 25.1 41.°58 1.°9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.52	−21 49.9	1.140	2.031	18.4	18.7
6 30	20 40.98	−22 17.4	1.094	2.046	13.8	18.4
7 10	20 33.36	−22 51.0	1.068	2.061	8.5	18.2
7 20	20 23.67	−23 24.6	1.064	2.077	3.2	17.9
7 30	20 13.42	−23 51.6	1.083	2.093	3.8	18.0
8 9	20 4.27	−24 7.9	1.125	2.110	8.9	18.4
8 19	19 57.49	−24 12.1	1.189	2.128	13.7	18.7
8 29	19 53.92	−24 4.8	1.272	2.146	17.6	19.0

120152 2003 HJ_{1} 7 25.1 87.°17 4.°7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.33	− 4 50.7	2.231	3.046	13.4	19.7
6 30	20 35.79	− 4 36.6	2.158	3.052	10.8	19.6
7 10	20 29.62	− 4 36.4	2.106	3.059	8.0	19.4
7 20	20 22.34	− 4 49.7	2.079	3.065	5.5	19.3
7 30	20 14.65	− 5 15.5	2.078	3.072	4.7	19.2
8 9	20 7.33	− 5 50.9	2.104	3.078	6.4	19.3
8 19	20 1.11	− 6 32.7	2.157	3.085	9.0	19.5
8 29	19 56.55	− 7 17.0	2.233	3.091	11.6	19.7

442965 2013 CP_{130} 7 25.1 125.°42 2.°8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.19	−27 58.5	2.384	3.243	11.2	21.3
6 30	20 39.43	−28 18.3	2.317	3.249	8.5	21.2
7 10	20 31.86	−28 36.6	2.273	3.256	5.5	21.0
7 20	20 23.10	−28 49.9	2.256	3.262	3.1	20.8
7 30	20 13.96	−28 55.1	2.268	3.268	3.6	20.9
8 9	20 5.35	−28 50.7	2.307	3.274	6.3	21.1
8 19	19 58.02	−28 36.5	2.372	3.280	9.2	21.3
8 29	19 52.59	−28 13.8	2.461	3.285	11.8	21.5

394769 2008 GP_{32} 7 25.1 6.°40 14.°9/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.61	+19 43.4	1.759	2.451	20.6	19.8
6 30	20 32.82	+20 46.8	1.695	2.452	19.1	19.7
7 10	20 28.05	+21 18.2	1.644	2.455	17.6	19.6
7 20	20 21.86	+21 12.5	1.609	2.458	16.1	19.5
7 30	20 15.11	+20 27.3	1.592	2.463	15.2	19.4
8 9	20 8.78	+19 4.9	1.594	2.469	14.9	19.4
8 19	20 3.76	+17 11.2	1.616	2.475	15.4	19.5
8 29	20 0.77	+14 55.5	1.658	2.483	16.5	19.6

92116 1999 XU_{75} 7 25.1 256.°90 2.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.95	−26 45.1	2.609	3.469	10.3	19.5
6 30	20 37.13	−27 39.7	2.519	3.453	7.8	19.4
7 10	20 30.57	−28 35.9	2.454	3.437	5.1	19.2
7 20	20 22.72	−29 29.6	2.416	3.421	3.1	19.0
7 30	20 14.28	−30 16.4	2.407	3.404	3.8	19.0
8 9	20 6.05	−30 53.1	2.426	3.387	6.4	19.2
8 19	19 58.82	−31 18.0	2.471	3.370	9.2	19.3
8 29	19 53.27	−31 30.8	2.540	3.353	11.8	19.5

188129 2002 CL_{102} 7 25.1 115.°17 1.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.68	−13 57.0	2.412	3.255	11.6	20.9
6 30	20 35.98	−14 20.1	2.341	3.264	8.8	20.7
7 10	20 29.71	−14 51.6	2.293	3.273	5.7	20.5
7 20	20 22.38	−15 29.1	2.272	3.282	2.4	20.3
7 30	20 14.66	−16 9.8	2.279	3.290	1.8	20.3
8 9	20 7.32	−16 50.5	2.314	3.298	5.0	20.5
8 19	20 1.02	−17 28.5	2.376	3.306	8.1	20.7
8 29	19 56.33	−18 1.8	2.463	3.314	10.9	20.9

249792 2000 YN_{10} 7 25.1 205.°86 0.°7/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.39	−15 30.8	1.909	2.758	14.0	21.7
6 30	20 40.81	−15 56.9	1.825	2.753	10.7	21.5
7 10	20 33.02	−16 32.8	1.764	2.747	6.8	21.2
7 20	20 23.59	−17 15.5	1.728	2.740	2.6	21.0
7 30	20 13.45	−18 0.9	1.720	2.732	2.1	20.9
8 9	20 3.69	−18 44.5	1.740	2.724	6.4	21.2
8 19	19 55.31	−19 23.1	1.786	2.715	10.5	21.4
8 29	19 49.13	−19 54.6	1.855	2.705	14.0	21.6

218456 2004 RH_{246} 7 25.1 47.°49 4.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.48	− 5 32.6	2.262	3.080	13.1	20.1
6 30	20 35.18	− 5 22.8	2.185	3.083	10.5	19.9
7 10	20 29.26	− 5 26.3	2.130	3.086	7.7	19.7
7 20	20 22.24	− 5 42.8	2.100	3.089	5.2	19.6
7 30	20 14.79	− 6 11.1	2.096	3.093	4.4	19.5
8 9	20 7.69	− 6 48.2	2.120	3.096	6.1	19.7
8 19	20 1.64	− 7 30.9	2.169	3.099	8.8	19.8
8 29	19 57.22	− 8 15.7	2.243	3.103	11.5	20.0

320593 2008 BF_{30} 7 25.1 30.°87 0.°9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.39	−15 53.2	1.913	2.772	13.6	21.1
6 30	20 36.91	−16 6.6	1.843	2.775	10.3	20.9
7 10	20 30.47	−16 28.4	1.794	2.779	6.5	20.7
7 20	20 22.68	−16 56.2	1.771	2.783	2.5	20.4
7 30	20 14.38	−17 26.6	1.775	2.787	2.1	20.4
8 9	20 6.56	−17 56.2	1.805	2.791	6.0	20.7
8 19	20 0.07	−18 22.4	1.861	2.796	9.8	20.9
8 29	19 55.60	−18 43.3	1.940	2.801	13.0	21.1

33978 2000 NX_{20} 7 25.1 7.°02 2.°4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.49	−25 30.1	0.909	1.818	20.3	17.3
6 30	20 40.99	−25 8.2	0.858	1.818	15.4	17.0
7 10	20 33.75	−24 45.3	0.824	1.819	9.7	16.7
7 20	20 23.90	−24 16.9	0.809	1.822	3.9	16.4
7 30	20 13.28	−23 39.5	0.816	1.827	4.3	16.4
8 9	20 3.93	−22 52.9	0.843	1.833	10.1	16.8
8 19	19 57.41	−21 59.1	0.890	1.841	15.5	17.1
8 29	19 54.67	−21 1.3	0.955	1.851	20.2	17.4

67761 2000 UM_{60} 7 25.1 230.°80 4.°5/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.36	− 8 39.7	1.603	2.444	16.6	19.5
6 30	20 40.33	− 8 19.9	1.523	2.438	13.2	19.2
7 10	20 32.86	− 8 14.9	1.462	2.431	9.3	19.0
7 20	20 23.57	− 8 24.8	1.425	2.424	5.7	18.7
7 30	20 13.49	− 8 47.9	1.413	2.416	4.7	18.7
8 9	20 3.85	− 9 20.8	1.426	2.408	7.8	18.8
8 19	19 55.76	− 9 59.3	1.464	2.400	11.8	19.0
8 29	19 50.12	−10 39.1	1.524	2.391	15.6	19.3

126499 2002 CX_{61} 7 25.1 329.°29 3.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.35	−24 24.4	1.858	2.734	13.1	19.1
6 30	20 36.51	−25 38.5	1.781	2.725	9.9	18.9
7 10	20 30.45	−26 58.0	1.727	2.715	6.4	18.6
7 20	20 22.74	−28 16.7	1.699	2.707	3.5	18.5
7 30	20 14.28	−29 27.8	1.698	2.698	4.6	18.5
8 9	20 6.18	−30 25.9	1.722	2.691	8.0	18.7
8 19	19 59.46	−31 8.0	1.771	2.683	11.6	18.9
8 29	19 54.96	−31 33.5	1.841	2.676	14.7	19.1

164867 1999 TH_{287} 7 25.1 18.°84 22.°1/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 9.34	−57 54.7	0.905	1.751	25.9	19.2
6 30	21 2.87	−59 39.0	0.877	1.753	24.0	19.1
7 10	20 48.68	−60 44.7	0.861	1.756	22.6	19.0
7 20	20 29.08	−60 52.3	0.859	1.760	22.1	19.0
7 30	20 8.73	−59 50.2	0.872	1.765	22.5	19.0
8 9	19 52.39	−57 43.5	0.900	1.770	23.8	19.1
8 19	19 42.54	−54 49.1	0.942	1.777	25.6	19.3
8 29	19 39.53	−51 26.2	0.997	1.784	27.5	19.5

375229 2008 FE_{83} 7 25.1 325.°29 2.°4/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.45	−12 11.6	1.340	2.211	17.5	20.3
6 30	20 37.11	−12 28.3	1.263	2.200	13.6	20.0
7 10	20 31.08	−13 2.1	1.206	2.190	9.0	19.7
7 20	20 23.02	−13 50.7	1.171	2.180	4.2	19.4
7 30	20 14.03	−14 49.3	1.159	2.171	3.2	19.3
8 9	20 5.50	−15 51.5	1.172	2.162	7.9	19.6
8 19	19 58.69	−16 51.1	1.208	2.154	12.8	19.8
8 29	19 54.64	−17 43.4	1.264	2.147	17.1	20.1

156544 2002 DZ_{8} 7 25.1 24.°62 10.°9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.29	−41 29.6	1.391	2.264	16.9	18.7
6 30	20 43.47	−43 2.8	1.348	2.270	14.1	18.5
7 10	20 35.15	−44 22.4	1.326	2.278	11.8	18.4
7 20	20 24.38	−45 17.4	1.325	2.285	10.9	18.4
7 30	20 12.84	−45 40.1	1.346	2.294	11.8	18.5
8 9	20 2.44	−45 28.5	1.388	2.303	14.0	18.6
8 19	19 54.71	−44 46.6	1.450	2.313	16.6	18.8
8 29	19 50.56	−43 41.3	1.530	2.323	19.1	19.0

510364 2011 SR_{263} 7 25.1 290.°96 2.°0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.93	−12 26.2	1.925	2.775	13.8	21.6
6 30	20 36.68	−12 40.1	1.841	2.766	10.7	21.4
7 10	20 30.42	−13 5.7	1.779	2.758	7.1	21.2
7 20	20 22.71	−13 41.0	1.741	2.749	3.4	20.9
7 30	20 14.36	−14 23.1	1.730	2.741	2.6	20.9
8 9	20 6.35	−15 7.8	1.746	2.732	6.2	21.1
8 19	19 59.58	−15 51.5	1.788	2.724	10.0	21.3
8 29	19 54.81	−16 31.1	1.852	2.716	13.4	21.5

186774 2004 DC_{22} 7 25.1 192.°90 0.°7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.44	−15 15.0	2.007	2.854	13.5	21.5
6 30	20 39.98	−15 46.2	1.926	2.853	10.2	21.3
7 10	20 32.43	−16 27.2	1.868	2.850	6.5	21.0
7 20	20 23.39	−17 14.7	1.836	2.847	2.5	20.8
7 30	20 13.72	−18 4.8	1.831	2.843	2.0	20.7
8 9	20 4.42	−18 53.0	1.855	2.839	6.1	21.0
8 19	19 56.43	−19 36.0	1.906	2.834	10.0	21.2
8 29	19 50.50	−20 11.7	1.979	2.828	13.3	21.4

90697 1983 RH_3 7 25.1 331°.00 3°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.11	−29 13.8	1.289	2.175	17.1	17.2
6 30	20 43.26	−28 56.0	1.209	2.156	13.2	16.9
7 10	20 35.08	−28 32.0	1.149	2.137	8.7	16.6
7 20	20 24.41	−27 56.7	1.111	2.120	4.5	16.4
7 30	20 12.74	−27 6.4	1.097	2.103	5.0	16.3
8 9	20 1.85	−26 0.9	1.107	2.088	9.6	16.5
8 19	19 53.29	−24 43.6	1.139	2.074	14.5	16.8
8 29	19 48.12	−23 19.4	1.191	2.061	18.8	17.0

177189 2003 UW_4 7 25.1 256°.82 12°.0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 55.23	−45 36.0	1.794	2.634	15.1	20.1
6 30	20 49.30	−48 6.9	1.723	2.613	13.3	19.9
7 10	20 39.43	−50 29.2	1.675	2.591	12.2	19.8
7 20	20 26.15	−52 29.4	1.651	2.568	12.2	19.8
7 30	20 10.85	−53 55.5	1.651	2.545	13.5	19.8
8 9	19 55.67	−54 41.7	1.673	2.520	15.6	19.9
8 19	19 42.77	−54 49.0	1.714	2.496	17.9	20.0
8 29	19 33.85	−54 23.7	1.771	2.470	20.1	20.1

218550 2005 BQ_{26} 7 25.1 178°.99 3°.7/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 0.49	−29 16.6	1.269	2.138	18.4	19.7
6 30	20 52.36	−28 59.0	1.202	2.139	14.1	19.5
7 10	20 40.56	−28 34.6	1.155	2.140	9.2	19.2
7 20	20 26.22	−27 57.6	1.132	2.141	4.6	18.9
7 30	20 11.14	−27 4.4	1.134	2.140	5.0	18.9
8 9	19 57.35	−25 56.1	1.162	2.140	9.8	19.2
8 19	19 46.43	−24 37.5	1.214	2.139	14.6	19.5
8 29	19 39.37	−23 14.6	1.286	2.137	18.9	19.8

506797 2007 DD_{34} 7 25.1 192°.51 2°.7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.60	−25 27.2	1.873	2.738	13.6	22.7
6 30	20 41.79	−25 56.7	1.800	2.737	10.2	22.5
7 10	20 33.63	−26 27.4	1.750	2.735	6.5	22.3
7 20	20 23.81	−26 54.7	1.725	2.734	3.2	22.1
7 30	20 13.38	−27 13.8	1.727	2.731	3.8	22.1
8 9	20 3.50	−27 21.9	1.756	2.729	7.4	22.3
8 19	19 55.21	−27 18.3	1.810	2.726	11.1	22.6
8 29	19 49.34	−27 4.0	1.887	2.723	14.3	22.8

33010 Enricoprosperi 7 25.1 246°.42 1°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.49	−18 37.3	1.612	2.480	15.2	18.1
6 30	20 39.84	−19 26.7	1.533	2.472	11.5	17.9
7 10	20 32.65	−20 26.5	1.476	2.465	7.1	17.6
7 20	20 23.55	−21 31.7	1.444	2.457	2.5	17.3
7 30	20 13.59	−22 35.7	1.437	2.448	2.9	17.3
8 9	20 4.04	−23 32.6	1.457	2.440	7.6	17.6
8 19	19 56.10	−24 18.2	1.502	2.431	12.0	17.8
8 29	19 50.71	−24 50.9	1.567	2.422	15.9	18.1

126 Velleda 7 25.1 318°.02 2°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.05	−23 2.8	1.407	2.290	16.1	12.7
6 30	20 39.85	−23 33.5	1.333	2.280	12.2	12.4
7 10	20 32.79	−24 9.6	1.280	2.271	7.7	12.1
7 20	20 23.62	−24 45.5	1.250	2.261	3.2	11.8
7 30	20 13.54	−25 15.2	1.244	2.253	3.9	11.9
8 9	20 4.04	−25 33.9	1.262	2.244	8.6	12.1
8 19	19 56.44	−25 39.8	1.304	2.236	13.3	12.4
8 29	19 51.75	−25 33.2	1.365	2.228	17.3	12.6

476087 2007 TL_{52} 7 25.1 300°.04 5°.8/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.67	− 4 42.1	1.812	2.638	15.5	21.2
6 30	20 36.62	− 4 16.2	1.722	2.623	12.7	21.0
7 10	20 30.48	− 4 6.2	1.652	2.608	9.6	20.8
7 20	20 22.78	− 4 13.4	1.605	2.593	6.8	20.6
7 30	20 14.34	− 4 37.2	1.584	2.578	5.9	20.5
8 9	20 6.18	− 5 14.9	1.587	2.563	7.8	20.6
8 19	19 59.26	− 6 2.2	1.616	2.548	11.1	20.8
8 29	19 54.40	− 6 54.4	1.666	2.534	14.4	20.9

57933 2002 HH_{17} 7 25.1 108°.41 1°.8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.39	−10 3.4	2.553	3.381	11.5	19.1
6 30	20 35.67	−10 43.7	2.484	3.396	8.9	18.9
7 10	20 29.49	−11 34.9	2.438	3.411	5.9	18.8
7 20	20 22.34	−12 34.4	2.420	3.425	2.9	18.6
7 30	20 14.83	−13 39.1	2.430	3.439	2.2	18.6
8 9	20 7.66	−14 45.0	2.469	3.453	4.8	18.8
8 19	20 1.46	−15 48.5	2.536	3.466	7.7	19.0
8 29	19 56.76	−16 47.0	2.629	3.480	10.3	19.2

345050 2005 GJ_{54} 7 25.1 71°.99 1°.6/26.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.31	−13 54.8	1.893	2.745	13.9	21.4
6 30	20 37.63	−14 3.8	1.821	2.748	10.7	21.2
7 10	20 30.96	−14 22.7	1.771	2.752	6.9	21.0
7 20	20 22.89	−14 49.5	1.745	2.755	3.1	20.7
7 30	20 14.29	−15 21.0	1.747	2.758	2.4	20.7
8 9	20 6.17	−15 53.8	1.775	2.762	6.1	20.9
8 19	19 59.39	−16 24.8	1.829	2.765	9.9	21.2
8 29	19 54.66	−16 51.7	1.906	2.768	13.2	21.4

100893 1998 HH_{130} 7 25.1 59°.34 5°.3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.66	− 2 49.4	2.117	2.927	14.2	19.4
6 30	20 35.43	− 2 43.4	2.042	2.931	11.6	19.2
7 10	20 29.49	− 2 53.7	1.987	2.934	8.7	19.0
7 20	20 22.37	− 3 20.3	1.956	2.938	6.2	18.9
7 30	20 14.78	− 4 1.7	1.951	2.942	5.3	18.8
8 9	20 7.56	− 4 54.4	1.973	2.946	6.8	18.9
8 19	20 1.45	− 5 54.2	2.021	2.950	9.4	19.1
8 29	19 57.07	− 6 56.4	2.092	2.954	12.2	19.3

109346 2001 QK_{150} 7 25.1 314°.63 1°.6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.81	−18 45.7	1.311	2.197	16.9	19.0
6 30	20 38.06	−19 39.1	1.205	2.154	13.0	18.6
7 10	20 32.21	−20 49.3	1.119	2.111	8.3	18.2
7 20	20 23.63	−22 11.8	1.055	2.068	3.0	17.8
7 30	20 13.33	−23 38.6	1.014	2.025	3.8	17.7
8 9	20 2.85	−25 0.2	0.998	1.983	9.8	17.9
8 19	19 53.93	−26 8.6	1.002	1.941	15.6	18.1
8 29	19 48.14	−26 59.2	1.026	1.899	20.9	18.3

186552 2002 XJ_{13} 7 25.1 131°.31 3°.4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.19	−10 26.5	1.737	2.580	15.4	20.2
6 30	20 39.88	−10 17.1	1.668	2.587	12.1	20.0
7 10	20 32.39	−10 20.4	1.621	2.594	8.3	19.8
7 20	20 23.39	−10 35.4	1.597	2.600	4.6	19.6
7 30	20 13.84	−10 59.9	1.600	2.606	3.7	19.5
8 9	20 4.84	−11 30.3	1.629	2.613	6.8	19.8
8 19	19 57.36	−12 3.0	1.683	2.618	10.6	20.0
8 29	19 52.13	−12 34.9	1.760	2.624	14.0	20.2

286928 2002 PD_{113} 7 25.1 268°.07 4°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 53.71	−33 8.1	2.106	2.956	12.8	20.5
6 30	20 46.34	−33 10.6	2.013	2.937	10.0	20.3
7 10	20 36.47	−33 6.3	1.943	2.917	7.0	20.1
7 20	20 24.82	−32 50.3	1.900	2.897	4.7	19.9
7 30	20 12.47	−32 19.1	1.884	2.877	5.2	19.9
8 9	20 0.70	−31 31.9	1.897	2.857	8.1	20.0
8 19	19 50.63	−30 30.6	1.936	2.836	11.4	20.2
8 29	19 43.10	−29 19.1	1.999	2.815	14.4	20.4

314399 2005 UT_{205} 7 25.1 271°.64 2°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.46	−10 21.7	2.283	3.118	12.5	21.7
6 30	20 36.01	−10 18.3	2.196	3.110	9.8	21.5
7 10	20 29.86	−10 25.2	2.131	3.102	6.7	21.3
7 20	20 22.52	−10 41.6	2.091	3.093	3.8	21.1
7 30	20 14.66	−11 5.7	2.079	3.085	3.0	21.0
8 9	20 7.10	−11 34.8	2.094	3.077	5.6	21.2
8 19	20 0.56	−12 6.3	2.135	3.068	8.8	21.4
8 29	19 55.70	−12 37.4	2.201	3.060	11.8	21.6

171440 2007 RT_{101} 7 25.1 308°.28 1°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.53	−22 40.6	1.692	2.565	14.3	20.6
6 30	20 39.03	−23 4.1	1.612	2.554	10.8	20.4
7 10	20 32.09	−23 32.0	1.553	2.542	6.8	20.1
7 20	20 23.36	−23 59.9	1.519	2.531	2.7	19.8
7 30	20 13.87	−24 23.1	1.511	2.520	3.2	19.8
8 9	20 4.83	−24 38.0	1.529	2.510	7.5	20.1
8 19	19 57.38	−24 42.9	1.571	2.499	11.7	20.3
8 29	19 52.38	−24 37.7	1.634	2.489	15.3	20.5

106303 2000 UO_{87} 7 25.1 193°.86 2°.3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.11	−24 28.5	2.395	3.256	11.1	20.0
6 30	20 37.27	−25 17.3	2.320	3.255	8.3	19.9
7 10	20 30.66	−26 8.7	2.269	3.254	5.3	19.7
7 20	20 22.80	−26 58.4	2.244	3.253	2.6	19.5
7 30	20 14.43	−27 42.2	2.248	3.251	3.3	19.5
8 9	20 6.42	−28 16.9	2.280	3.250	6.2	19.7
8 19	19 59.52	−28 40.9	2.338	3.248	9.2	19.9
8 29	19 54.40	−28 53.9	2.420	3.246	11.9	20.1

82841 2001 QH_{50} 7 25.1 244°.52 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.98	−19 44.2	2.101	2.960	12.5	19.8
6 30	20 38.08	−20 3.4	2.021	2.956	9.4	19.6
7 10	20 31.23	−20 27.8	1.964	2.951	5.8	19.4
7 20	20 23.01	−20 54.4	1.933	2.946	2.0	19.1
7 30	20 14.23	−21 19.8	1.929	2.940	2.1	19.1
8 9	20 5.85	−21 41.0	1.953	2.935	6.0	19.4
8 19	19 58.71	−21 56.1	2.002	2.930	9.6	19.6
8 29	19 53.53	−22 4.2	2.075	2.924	12.7	19.8

512107 2015 OW_{63} 7 25.1 298°.54 1°.8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.49	−20 10.9	2.153	3.016	12.1	20.6
6 30	20 36.34	−21 28.4	2.068	3.005	9.0	20.4
7 10	20 30.25	−22 54.4	2.006	2.994	5.6	20.1
7 20	20 22.71	−24 23.8	1.972	2.983	2.3	19.9
7 30	20 14.48	−25 50.5	1.966	2.973	3.1	19.9
8 9	20 6.47	−27 8.8	1.988	2.962	6.6	20.2
8 19	19 59.57	−28 14.8	2.036	2.951	10.1	20.3
8 29	19 54.56	−29 6.5	2.107	2.941	13.1	20.5

144764 2004 HB_{16} 7 25.1 339°.81 0°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.45	−17 32.4	1.943	2.806	13.2	19.4
6 30	20 36.36	−18 30.9	1.867	2.803	9.9	19.1
7 10	20 30.26	−19 39.3	1.813	2.801	6.1	18.9
7 20	20 22.70	−20 52.9	1.786	2.799	2.1	18.6
7 30	20 14.52	−22 6.1	1.786	2.797	2.4	18.7
8 9	20 6.70	−23 13.7	1.813	2.795	6.4	18.9
8 19	20 0.14	−24 11.6	1.866	2.793	10.2	19.1
8 29	19 55.59	−24 57.7	1.941	2.792	13.4	19.3

302796 2002 XK_{115} 7 25.1 285°.19 3°.7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.94	− 8 6.4	2.018	2.851	14.0	21.0
6 30	20 36.73	− 8 9.6	1.917	2.828	11.1	20.8
7 10	20 30.54	− 8 26.8	1.837	2.805	7.9	20.5
7 20	20 22.83	− 8 57.7	1.782	2.781	4.8	20.3
7 30	20 14.36	− 9 40.4	1.753	2.757	3.8	20.2
8 9	20 6.06	−10 31.2	1.751	2.734	6.5	20.3
8 19	19 58.84	−11 26.1	1.775	2.710	10.1	20.5
8 29	19 53.51	−12 20.8	1.822	2.686	13.6	20.6

367714 2010 TR_{42} 7 25.1 65°.48 1°.8/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.53	−14 51.2	1.388	2.255	17.2	21.3
6 30	20 40.67	−14 51.0	1.324	2.260	13.2	21.0
7 10	20 33.13	−15 2.6	1.280	2.265	8.5	20.8
7 20	20 23.71	−15 23.4	1.259	2.270	3.6	20.5
7 30	20 13.61	−15 49.5	1.263	2.275	2.8	20.5
8 9	20 4.21	−16 16.6	1.292	2.280	7.6	20.8
8 19	19 56.72	−16 41.3	1.344	2.285	12.2	21.1
8 29	19 51.99	−17 1.1	1.417	2.290	16.2	21.3

266293 2007 BB_{44} 7 25.1 274°.92 0°.5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.29	−16 42.5	1.666	2.529	15.0	20.5
6 30	20 39.71	−17 2.0	1.574	2.510	11.5	20.2
7 10	20 32.61	−17 31.7	1.505	2.491	7.3	19.9
7 20	20 23.60	−18 8.5	1.459	2.472	2.7	19.6
7 30	20 13.64	−18 48.2	1.440	2.452	2.4	19.5
8 9	20 3.97	−19 26.0	1.446	2.432	7.2	19.8
8 19	19 55.78	−19 58.4	1.478	2.412	11.8	20.0
8 29	19 50.05	−20 23.0	1.530	2.392	15.8	20.2

477065 2009 BE_{53} 7 25.1 311°.99 0°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.54	−17 35.7	1.838	2.703	13.8	21.0
6 30	20 37.27	−18 16.7	1.762	2.699	10.4	20.7
7 10	20 30.87	−19 7.0	1.707	2.694	6.5	20.5
7 20	20 22.93	−20 2.7	1.678	2.691	2.2	20.2
7 30	20 14.33	−20 58.7	1.675	2.687	2.3	20.2
8 9	20 6.13	−21 50.2	1.699	2.683	6.6	20.5
8 19	19 59.30	−22 33.6	1.748	2.679	10.5	20.7
8 29	19 54.61	−23 6.9	1.820	2.676	14.0	20.9

504316 2007 RB_{45} 7 25.1 324°.31 4°.3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.64	−11 49.8	1.100	1.982	19.6	20.9
6 30	20 37.81	−11 21.2	1.023	1.965	15.5	20.6
7 10	20 31.85	−11 8.3	0.964	1.948	10.7	20.2
7 20	20 23.42	−11 11.7	0.925	1.932	5.9	19.9
7 30	20 13.80	−11 29.6	0.908	1.917	4.8	19.8
8 9	20 4.66	−11 58.0	0.912	1.903	9.4	20.0
8 19	19 57.54	−12 31.6	0.937	1.890	14.7	20.3
8 29	19 53.68	−13 5.1	0.980	1.878	19.6	20.5

330630 2008 EK_{78} 7 25.1 104°.24 0°.1/25.2 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.53	−17 6.3	1.668	2.527	15.2	21.8
6 30	20 40.96	−17 38.2	1.610	2.544	11.4	21.6
7 10	20 33.08	−18 19.1	1.574	2.560	7.1	21.3
7 20	20 23.65	−19 4.6	1.564	2.576	2.4	21.1
7 30	20 13.73	−19 49.9	1.580	2.592	2.3	21.1
8 9	20 4.49	−20 30.3	1.622	2.607	6.8	21.4
8 19	19 56.95	−21 3.2	1.690	2.621	10.8	21.7
8 29	19 51.82	−21 27.0	1.781	2.636	14.2	22.0

243886 2000 YK_{99} 7 25.1 103°.01 0°.5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.11	−17 58.4	2.606	3.449	10.9	20.2
6 30	20 38.33	−17 53.8	2.543	3.468	8.2	20.0
7 10	20 31.08	−17 53.3	2.504	3.486	5.1	19.8
7 20	20 22.89	−17 55.0	2.493	3.504	1.9	19.6
7 30	20 14.45	−17 57.4	2.510	3.522	1.6	19.6
8 9	20 6.48	−17 58.8	2.557	3.539	4.7	19.9
8 19	19 59.60	−17 58.2	2.631	3.556	7.7	20.1
8 29	19 54.32	−17 55.1	2.730	3.573	10.2	20.3

291018 2005 YL_{14} 7 25.1 324°.99 0°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.73	−18 33.2	1.010	1.912	19.4	20.1
6 30	20 37.50	−18 59.5	0.937	1.893	14.8	19.8
7 10	20 31.86	−19 39.9	0.880	1.875	9.4	19.4
7 20	20 23.48	−20 29.6	0.844	1.858	3.2	19.0
7 30	20 13.74	−21 21.2	0.829	1.842	3.5	19.0
8 9	20 4.51	−22 6.5	0.835	1.826	9.9	19.3
8 19	19 57.55	−22 40.1	0.861	1.813	15.9	19.5
8 29	19 54.19	−22 59.1	0.904	1.800	21.0	19.8

188989 2008 GT_{56} 7 25.1 11°.06 5°.2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.48	−28 27.4	1.341	2.229	16.5	20.4
6 30	20 41.04	−29 23.1	1.283	2.230	12.6	20.1
7 10	20 33.56	−30 18.9	1.244	2.231	8.4	19.9
7 20	20 23.91	−31 6.8	1.229	2.233	5.4	19.7
7 30	20 13.47	−31 39.1	1.237	2.235	6.4	19.8
8 9	20 3.85	−31 51.8	1.269	2.238	10.2	20.0
8 19	19 56.41	−31 44.6	1.323	2.241	14.2	20.3
8 29	19 52.10	−31 20.3	1.396	2.245	17.8	20.5

231280 2006 BT_{31} 7 25.1 304°.66 1°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.70	−21 4.9	1.697	2.568	14.4	20.4
6 30	20 39.07	−21 41.7	1.624	2.565	10.8	20.2
7 10	20 32.07	−22 24.8	1.573	2.562	6.7	19.9
7 20	20 23.36	−23 9.6	1.547	2.560	2.5	19.7
7 30	20 13.96	−23 50.6	1.547	2.557	3.0	19.7
8 9	20 5.06	−24 23.7	1.573	2.554	7.3	20.0
8 19	19 57.74	−24 46.2	1.624	2.552	11.4	20.2
8 29	19 52.83	−24 57.6	1.696	2.550	14.9	20.4

76761 2000 KY_{13} 7 25.1 30°.51 1°.4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.64	−21 24.8	1.907	2.774	13.2	19.6
6 30	20 37.98	−21 59.5	1.837	2.776	9.9	19.4
7 10	20 31.25	−22 39.1	1.789	2.777	6.1	19.2
7 20	20 23.04	−23 19.6	1.767	2.779	2.3	18.9
7 30	20 14.29	−23 56.5	1.772	2.781	2.8	19.0
8 9	20 6.01	−24 26.0	1.803	2.783	6.7	19.2
8 19	19 59.14	−24 46.2	1.860	2.785	10.3	19.4
8 29	19 54.40	−24 56.4	1.939	2.787	13.5	19.6

505766 2015 BK_{206} 7 25.1 275°.15 1°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.12	−22 2.9	1.485	2.356	16.1	21.6
6 30	20 43.75	−22 5.7	1.394	2.334	12.3	21.3
7 10	20 35.36	−22 12.5	1.324	2.312	7.8	21.0
7 20	20 24.61	−22 19.1	1.277	2.290	2.8	20.6
7 30	20 12.71	−22 21.3	1.256	2.267	3.1	20.6
8 9	20 1.21	−22 15.6	1.260	2.244	8.4	20.8
8 19	19 51.54	−22 1.1	1.288	2.221	13.4	21.1
8 29	19 44.87	−21 38.6	1.337	2.197	17.8	21.3

319918 2006 XL_{69} 7 25.1 117°.78 0°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.27	−19 33.7	2.314	3.172	11.6	20.8
6 30	20 36.62	−20 20.5	2.243	3.177	8.6	20.7
7 10	20 30.25	−21 13.1	2.196	3.183	5.3	20.5
7 20	20 22.68	−22 7.8	2.175	3.188	1.9	20.2
7 30	20 14.66	−23 0.4	2.183	3.193	2.2	20.3
8 9	20 7.01	−23 47.2	2.219	3.198	5.6	20.5
8 19	20 0.47	−24 25.8	2.282	3.204	8.9	20.7
8 29	19 55.67	−24 54.9	2.368	3.208	11.7	20.9

241887 2001 VK_{56} 7 25.1 179°.08 1°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.92	−21 43.0	2.150	3.004	12.4	21.2
6 30	20 40.97	−22 5.4	2.074	3.006	9.3	21.0
7 10	20 33.01	−22 31.3	2.021	3.007	5.8	20.8
7 20	20 23.65	−22 57.0	1.995	3.008	2.1	20.5
7 30	20 13.77	−23 19.2	1.998	3.007	2.5	20.6
8 9	20 4.35	−23 34.9	2.028	3.007	6.2	20.8
8 19	19 56.27	−23 43.0	2.085	3.005	9.7	21.0
8 29	19 50.24	−23 43.2	2.166	3.004	12.7	21.2

345052 2005 GQ_{73} 7 25.1 162°.72 3°.5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.17	−27 43.6	2.024	2.890	12.6	21.5
6 30	20 39.87	−28 26.3	1.955	2.891	9.6	21.3
7 10	20 32.42	−29 8.8	1.909	2.892	6.3	21.1
7 20	20 23.46	−29 46.2	1.889	2.893	3.8	20.9
7 30	20 13.95	−30 13.6	1.896	2.894	4.5	21.0
8 9	20 4.96	−30 28.3	1.930	2.895	7.5	21.2
8 19	19 57.43	−30 29.5	1.988	2.896	10.7	21.4
8 29	19 52.11	−30 18.4	2.069	2.896	13.6	21.6

282687 2005 YW_{27} 7 25.1 6°.36 2°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.83	−21 37.2	1.302	2.193	16.7	19.7
6 30	20 37.46	−22 28.2	1.242	2.193	12.5	19.4
7 10	20 31.32	−23 27.2	1.202	2.194	7.8	19.2
7 20	20 23.16	−24 27.7	1.184	2.196	3.2	18.9
7 30	20 14.23	−25 22.3	1.190	2.199	4.0	19.0
8 9	20 6.00	−26 4.8	1.220	2.203	8.7	19.2
8 19	19 59.72	−26 32.2	1.273	2.208	13.3	19.5
8 29	19 56.30	−26 44.2	1.345	2.213	17.2	19.8

311153 2004 SM_{37} 7 25.1 168°.53 2°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.98	−27 23.1	2.555	3.411	10.7	21.1
6 30	20 39.24	−27 38.1	2.481	3.412	8.0	20.9
7 10	20 31.79	−27 51.9	2.431	3.414	5.2	20.7
7 20	20 23.21	−28 1.5	2.409	3.416	2.8	20.6
7 30	20 14.24	−28 4.0	2.415	3.417	3.2	20.6
8 9	20 5.72	−27 57.9	2.449	3.418	5.9	20.8
8 19	19 58.38	−27 43.2	2.510	3.419	8.7	21.0
8 29	19 52.81	−27 20.8	2.595	3.419	11.2	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
457713 2009 FT_{39}			7 25.1	66°.76	4°.7/23.0	17
	h m	° ′			°	m
6 20	20 49.59	−26 7.1	1.251	2.135	17.6	20.7
6 30	20 43.91	−27 20.9	1.214	2.161	13.2	20.5
7 10	20 35.16	−28 35.7	1.198	2.186	8.5	20.3
7 20	20 24.41	−29 42.1	1.206	2.212	4.9	20.1
7 30	20 13.19	−30 32.1	1.237	2.238	6.0	20.3
8 9	20 3.16	−31 1.3	1.293	2.263	9.9	20.6
8 19	19 55.57	−31 10.1	1.371	2.289	13.9	20.9
8 29	19 51.20	−31 1.4	1.469	2.314	17.3	21.2
218539 2004 VP_{57}			7 25.1	262°.85	1°.1/24.5	18
6 20	20 42.02	−22 11.7	2.478	3.335	10.9	20.2
6 30	20 37.14	−22 28.2	2.393	3.326	8.2	20.0
7 10	20 30.57	−22 47.3	2.331	3.317	5.1	19.8
7 20	20 22.82	−23 6.3	2.296	3.308	1.9	19.5
7 30	20 14.59	−23 22.5	2.290	3.299	2.2	19.5
8 9	20 6.68	−23 33.6	2.311	3.290	5.5	19.8
8 19	19 59.82	−23 38.4	2.360	3.281	8.6	19.9
8 29	19 54.65	−23 36.5	2.432	3.272	11.4	20.1
438421 2006 VU_{78}			7 25.1	313°.12	2°.4/26.4	18
6 20	20 40.26	−12 12.3	1.837	2.690	14.3	21.0
6 30	20 36.34	−12 15.5	1.749	2.675	11.1	20.7
7 10	20 30.35	−12 30.4	1.682	2.661	7.5	20.5
7 20	20 22.81	−12 55.8	1.639	2.647	3.7	20.2
7 30	20 14.57	−13 29.0	1.623	2.633	2.9	20.2
8 9	20 6.64	−14 6.4	1.632	2.619	6.5	20.3
8 19	19 59.97	−14 44.3	1.667	2.606	10.4	20.6
8 29	19 55.36	−15 19.5	1.724	2.593	14.0	20.7
440467 2005 SS_{221}			7 25.1	306°.20	0°.2/25.1	17
6 20	20 45.39	−20 54.0	1.931	2.792	13.4	21.2
6 30	20 40.29	−20 38.1	1.827	2.762	10.2	21.0
7 10	20 32.88	−20 24.5	1.746	2.733	6.5	20.7
7 20	20 23.72	−20 11.0	1.691	2.703	2.3	20.4
7 30	20 13.70	−19 55.4	1.662	2.674	2.2	20.3
8 9	20 3.95	−19 36.1	1.661	2.645	6.7	20.5
8 19	19 55.53	−19 12.7	1.685	2.616	10.8	20.7
8 29	19 49.32	−18 45.3	1.732	2.587	14.6	20.9
266582 2008 HC_{25}			7 25.1	278°.52	2°.0/26.1	17
6 20	20 43.94	−13 47.0	1.577	2.436	15.9	21.2
6 30	20 39.47	−13 50.0	1.491	2.423	12.3	20.9
7 10	20 32.49	−14 5.0	1.427	2.409	8.1	20.6
7 20	20 23.60	−14 30.2	1.386	2.395	3.7	20.4
7 30	20 13.83	−15 2.4	1.370	2.381	2.8	20.3
8 9	20 4.42	−15 37.1	1.380	2.367	7.3	20.5
8 19	19 56.57	−16 10.7	1.414	2.353	11.9	20.7
8 29	19 51.23	−16 39.9	1.470	2.339	15.9	20.9
199789 2006 MV_{5}			7 25.1	349°.83	1°.6/24.2	18
6 20	20 41.72	−20 37.8	1.733	2.606	14.1	19.7
6 30	20 37.56	−21 26.6	1.662	2.604	10.6	19.5
7 10	20 31.14	−22 22.6	1.612	2.602	6.6	19.2
7 20	20 23.08	−23 20.9	1.588	2.600	2.5	19.0
7 30	20 14.36	−24 15.7	1.590	2.599	3.1	19.0
8 9	20 6.10	−25 2.2	1.617	2.598	7.2	19.2
8 19	19 59.33	−25 37.2	1.670	2.597	11.2	19.5
8 29	19 54.86	−25 59.7	1.744	2.597	14.6	19.7
234796 2002 QK_{62}			7 25.1	25°.64	2°.1/24.3	18
6 20	20 45.72	−24 30.1	1.592	2.467	15.0	19.7
6 30	20 40.59	−24 37.0	1.530	2.472	11.3	19.5
7 10	20 32.98	−24 45.0	1.489	2.478	7.1	19.3
7 20	20 23.68	−24 50.1	1.472	2.484	2.9	19.0
7 30	20 13.86	−24 48.6	1.481	2.490	3.4	19.1
8 9	20 4.78	−24 38.5	1.516	2.497	7.6	19.3
8 19	19 57.52	−24 19.5	1.574	2.504	11.6	19.6
8 29	19 52.85	−23 52.9	1.655	2.511	15.1	19.8
287003 2002 QY_{66}			7 25.1	318°.39	1°.3/24.5	18
6 20	20 40.98	−20 14.1	1.586	2.464	14.9	20.3
6 30	20 37.34	−20 49.3	1.501	2.446	11.3	20.0
7 10	20 31.21	−21 32.9	1.438	2.428	7.1	19.7
7 20	20 23.17	−22 20.5	1.398	2.411	2.6	19.4
7 30	20 14.24	−23 6.6	1.383	2.394	3.0	19.4
8 9	20 5.66	−23 45.8	1.394	2.378	7.7	19.7
8 19	19 58.62	−24 14.7	1.428	2.362	12.2	19.9
8 29	19 54.09	−24 31.9	1.483	2.347	16.1	20.1
478981 2012 XK_{116}			7 25.1	255°.44	4°.2/27.5	18
6 20	20 42.27	− 7 4.7	2.152	2.974	13.6	21.8
6 30	20 37.55	− 6 52.2	2.057	2.959	10.9	21.6
7 10	20 30.97	− 6 52.3	1.983	2.944	7.9	21.4
7 20	20 23.02	− 7 5.2	1.935	2.929	5.1	21.2
7 30	20 14.42	− 7 29.6	1.913	2.913	4.3	21.1
8 9	20 6.06	− 8 3.0	1.919	2.897	6.5	21.2
8 19	19 58.77	− 8 42.1	1.951	2.881	9.7	21.4
8 29	19 53.27	− 9 23.4	2.006	2.864	12.8	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
166583 2002 RB_{150}			7 25.1	230°.03	1°.1/24.6	18
	h m	° ′			°	m
6 20	20 45.28	−22 15.2	2.062	2.922	12.7	20.2
6 30	20 39.86	−22 25.0	1.983	2.918	9.5	19.9
7 10	20 32.39	−22 37.6	1.927	2.913	5.9	19.7
7 20	20 23.48	−22 49.7	1.897	2.909	2.2	19.5
7 30	20 14.02	−22 58.3	1.894	2.904	2.5	19.5
8 9	20 5.02	−23 1.0	1.919	2.899	6.3	19.7
8 19	19 57.38	−22 56.9	1.970	2.894	9.9	19.9
8 29	19 51.81	−22 46.1	2.044	2.889	13.1	20.1
437001 2012 TX_{225}			7 25.1	30°.97	1°.0/25.7	16
6 20	20 42.74	−15 19.9	1.791	2.650	14.3	21.2
6 30	20 38.15	−15 38.9	1.718	2.650	10.9	21.0
7 10	20 31.42	−16 7.9	1.667	2.651	7.0	20.7
7 20	20 23.17	−16 44.0	1.640	2.651	2.7	20.5
7 30	20 14.31	−17 23.4	1.640	2.652	2.2	20.4
8 9	20 5.93	−18 1.9	1.666	2.652	6.4	20.7
8 19	19 58.97	−18 36.3	1.718	2.653	10.4	21.0
8 29	19 54.19	−19 4.3	1.792	2.654	13.9	21.2
126625 2002 CG_{163}			7 25.2	2°.36	1°.6/24.0	18
6 20	20 38.84	−16 11.7	1.301	2.186	17.0	18.6
6 30	20 36.04	−17 56.2	1.236	2.184	12.8	18.3
7 10	20 30.52	−19 59.5	1.192	2.184	7.9	18.0
7 20	20 22.96	−22 12.7	1.171	2.184	2.8	17.7
7 30	20 14.49	−24 24.5	1.176	2.186	3.7	17.8
8 9	20 6.52	−26 23.3	1.206	2.188	8.8	18.1
8 19	20 0.37	−28 1.6	1.259	2.192	13.6	18.4
8 29	19 57.03	−29 16.0	1.332	2.196	17.6	18.7
386794 2010 EV_{104}			7 25.2	207°.46	9°.7/ 2.3	18
6 20	20 42.25	+14 2.5	2.591	3.276	14.8	22.7
6 30	20 37.24	+14 30.1	2.499	3.269	13.3	22.5
7 10	20 30.64	+14 36.3	2.425	3.262	11.8	22.4
7 20	20 22.89	+14 18.4	2.372	3.253	10.4	22.3
7 30	20 14.61	+13 35.5	2.343	3.245	9.7	22.2
8 9	20 6.55	+12 29.4	2.338	3.235	9.9	22.2
8 19	19 59.41	+11 4.0	2.359	3.225	10.9	22.3
8 29	19 53.80	+ 9 25.2	2.403	3.213	12.4	22.4
149785 2005 BW_{5}			7 25.2	261°.90	2°.4/23.9	18
6 20	20 44.37	−23 45.7	1.853	2.721	13.5	20.4
6 30	20 39.49	−24 24.0	1.777	2.716	10.2	20.2
7 10	20 32.32	−25 5.9	1.723	2.711	6.4	19.9
7 20	20 23.52	−25 46.6	1.695	2.705	2.9	19.7
7 30	20 14.04	−26 21.1	1.694	2.700	3.6	19.7
8 9	20 5.01	−26 45.6	1.719	2.694	7.3	20.0
8 19	19 57.48	−26 58.4	1.768	2.689	11.1	20.2
8 29	19 52.24	−26 59.6	1.840	2.683	14.4	20.4
508379 2016 FV_{37}			7 25.2	345°.35	1°.9/24.2	17
6 20	20 40.27	−19 14.3	1.117	2.014	18.3	20.5
6 30	20 37.54	−20 13.1	1.052	2.006	13.9	20.2
7 10	20 31.68	−21 25.9	1.006	2.000	8.6	19.9
7 20	20 23.42	−22 45.5	0.981	1.995	3.2	19.6
7 30	20 14.11	−24 2.5	0.980	1.990	4.0	19.6
8 9	20 5.45	−25 8.0	1.000	1.987	9.5	19.9
8 19	19 58.93	−25 56.6	1.042	1.984	14.8	20.2
8 29	19 55.68	−26 26.3	1.102	1.982	19.3	20.5
468056 2013 RX_{75}			7 25.2	37°.79	1°.7/25.9	17
6 20	20 43.45	−14 37.4	1.168	2.049	18.8	21.2
6 30	20 39.38	−14 45.4	1.119	2.062	14.3	20.9
7 10	20 32.45	−15 7.7	1.088	2.076	9.2	20.7
7 20	20 23.57	−15 40.7	1.079	2.090	3.8	20.4
7 30	20 14.10	−16 19.2	1.093	2.106	2.9	20.4
8 9	20 5.55	−16 57.5	1.131	2.121	8.0	20.8
8 19	19 59.14	−17 31.3	1.191	2.138	12.9	21.1
8 29	19 55.70	−17 57.7	1.271	2.155	17.0	21.4
157862 1998 WW_{11}			7 25.2	286°.14	4°.5/21.7	18
6 20	20 42.32	−30 39.5	2.349	3.214	11.2	19.6
6 30	20 37.73	−31 45.3	2.267	3.200	8.6	19.4
7 10	20 31.16	−32 50.8	2.209	3.186	6.1	19.2
7 20	20 23.13	−33 50.4	2.177	3.172	4.5	19.1
7 30	20 14.42	−34 39.0	2.173	3.158	5.4	19.1
8 9	20 6.00	−35 13.0	2.196	3.144	7.8	19.2
8 19	19 58.75	−35 31.1	2.243	3.130	10.5	19.4
8 29	19 53.44	−35 33.9	2.313	3.117	13.1	19.6
363967 2005 US_{120}			7 25.2	230°.81	3°.9/27.8	16
6 20	20 40.93	− 5 36.8	2.836	3.639	11.1	21.8
6 30	20 36.10	− 5 21.7	2.739	3.627	9.0	21.6
7 10	20 29.86	− 5 16.8	2.664	3.615	6.7	21.4
7 20	20 22.62	− 5 22.3	2.616	3.602	4.6	21.3
7 30	20 14.93	− 5 37.3	2.596	3.589	3.9	21.2
8 9	20 7.45	− 6 0.3	2.604	3.576	5.4	21.3
8 19	20 0.76	− 6 29.1	2.640	3.562	7.8	21.4
8 29	19 55.42	− 7 0.9	2.701	3.548	10.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
280163 2002 QE_{68}			7 25.2 290°.61		1°.4/25.9 18	
	h m	° ′			°	m
6 20	20 41.39	−13 45.3	1.862	2.717	14.0	20.8
6 30	20 37.18	−14 7.4	1.778	2.707	10.8	20.6
7 10	20 30.88	−14 41.1	1.716	2.698	7.0	20.3
7 20	20 23.04	−15 23.8	1.679	2.689	3.0	20.1
7 30	20 14.52	−16 11.9	1.668	2.680	2.3	20.0
8 9	20 6.34	−17 0.9	1.684	2.671	6.3	20.3
8 19	19 59.45	−17 46.8	1.726	2.662	10.3	20.5
8 29	19 54.63	−18 26.7	1.790	2.653	13.8	20.7
417903 2007 RZ_{111}			7 25.2 296°.80		0°.3/25.1 17	
6 20	20 45.48	−18 46.8	1.320	2.199	17.2	21.6
6 30	20 41.06	−19 2.8	1.247	2.191	13.1	21.3
7 10	20 33.68	−19 28.1	1.194	2.184	8.3	21.1
7 20	20 24.09	−19 58.7	1.163	2.177	2.9	20.7
7 30	20 13.55	−20 29.2	1.157	2.169	2.8	20.7
8 9	20 3.61	−20 54.6	1.175	2.162	8.3	21.0
8 19	19 55.64	−21 12.0	1.216	2.156	13.3	21.3
8 29	19 50.69	−21 20.0	1.277	2.149	17.7	21.5
509725 2008 SF_{203}			7 25.2 294°.34		0°.3/25.3 18	
6 20	20 42.54	−16 56.9	1.690	2.555	14.7	22.0
6 30	20 38.31	−17 20.6	1.606	2.543	11.2	21.7
7 10	20 31.72	−17 54.3	1.543	2.530	7.1	21.5
7 20	20 23.37	−18 34.6	1.505	2.517	2.5	21.2
7 30	20 14.22	−19 17.1	1.492	2.505	2.3	21.1
8 9	20 5.43	−19 57.1	1.506	2.492	7.0	21.4
8 19	19 58.10	−20 31.2	1.544	2.480	11.3	21.6
8 29	19 53.11	−20 57.1	1.604	2.468	15.1	21.8
117118 2004 PZ_{18}			7 25.2 286°.30		3°.9/28.1 18	
6 20	20 39.21	− 4 50.4	2.291	3.107	13.1	20.0
6 30	20 35.22	− 5 15.8	2.190	3.088	10.5	19.8
7 10	20 29.54	− 5 57.4	2.111	3.069	7.7	19.6
7 20	20 22.57	− 6 54.6	2.057	3.050	4.9	19.4
7 30	20 14.98	− 8 4.9	2.029	3.030	3.9	19.3
8 9	20 7.55	− 9 24.0	2.030	3.011	6.0	19.4
8 19	20 1.04	−10 46.9	2.058	2.992	9.0	19.6
8 29	19 56.14	−12 8.9	2.111	2.973	12.1	19.7
17604 1995 SO_{26}			7 25.2 189°.94		4°.4/28.2 18	
6 20	20 40.39	− 4 47.2	2.342	3.153	12.9	18.7
6 30	20 35.91	− 4 40.9	2.260	3.153	10.4	18.5
7 10	20 29.83	− 4 48.2	2.200	3.152	7.7	18.4
7 20	20 22.63	− 5 8.8	2.164	3.151	5.3	18.2
7 30	20 14.98	− 5 41.4	2.156	3.151	4.5	18.2
8 9	20 7.63	− 6 23.2	2.175	3.150	6.1	18.3
8 19	20 1.28	− 7 10.7	2.220	3.148	8.7	18.4
8 29	19 56.53	− 8 0.3	2.290	3.147	11.4	18.6
441335 2008 CG_{125}			7 25.2 19°.67		0°.6/24.9 18	
6 20	20 44.55	−21 2.2	1.935	2.798	13.3	20.6
6 30	20 39.37	−21 3.4	1.863	2.799	10.0	20.4
7 10	20 32.11	−21 8.2	1.813	2.800	6.2	20.2
7 20	20 23.43	−21 13.6	1.789	2.801	2.1	19.9
7 30	20 14.25	−21 16.9	1.791	2.803	2.2	20.0
8 9	20 5.60	−21 16.0	1.821	2.804	6.3	20.2
8 19	19 58.38	−21 9.9	1.876	2.806	10.0	20.5
8 29	19 53.29	−20 58.4	1.954	2.808	13.2	20.7
328181 2008 DF_{36}			7 25.2 10°.19		12°.7/22.5 17	
6 20	20 54.36	−45 1.6	1.135	2.008	19.9	19.9
6 30	20 48.70	−45 46.8	1.090	2.010	16.9	19.7
7 10	20 38.68	−46 10.5	1.063	2.013	14.2	19.6
7 20	20 25.76	−46 1.1	1.054	2.017	12.7	19.5
7 30	20 12.23	−45 11.8	1.066	2.023	13.3	19.5
8 9	20 0.54	−43 44.5	1.098	2.030	15.4	19.7
8 19	19 52.37	−41 48.1	1.150	2.038	18.3	19.9
8 29	19 48.53	−39 33.8	1.220	2.047	21.2	20.1
303200 2004 GK_{47}			7 25.2 345°.74		3°.4/23.4 18	
6 20	20 42.94	−26 31.5	1.764	2.640	13.7	20.4
6 30	20 38.53	−27 9.9	1.694	2.636	10.4	20.2
7 10	20 31.78	−27 49.4	1.645	2.632	6.7	20.0
7 20	20 23.36	−28 24.9	1.621	2.628	3.7	19.8
7 30	20 14.30	−28 51.2	1.623	2.625	4.5	19.8
8 9	20 5.77	−29 5.0	1.650	2.623	7.9	20.0
8 19	19 58.81	−29 5.2	1.702	2.620	11.6	20.3
8 29	19 54.25	−28 52.7	1.775	2.619	14.8	20.5
280070 2002 CR_{192}			7 25.2 177°.66		0°.6/24.8 17	
6 20	20 44.75	−18 53.3	2.051	2.906	12.9	21.4
6 30	20 39.48	−19 28.8	1.975	2.908	9.7	21.2
7 10	20 32.19	−20 11.1	1.923	2.909	6.0	21.0
7 20	20 23.48	−20 56.3	1.897	2.909	2.1	20.8
7 30	20 14.19	−21 40.2	1.899	2.910	2.2	20.8
8 9	20 5.32	−22 18.9	1.928	2.909	6.2	21.0
8 19	19 57.76	−22 49.9	1.984	2.909	9.8	21.2
8 29	19 52.23	−23 12.0	2.063	2.908	13.0	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
386830 2010 GV_{172}			7 25.2 274°.64		3°.0/27.1 18	
	h m	° ′			°	m
6 20	20 41.05	− 8 25.0	1.850	2.689	14.8	20.4
6 30	20 36.95	− 8 58.1	1.764	2.680	11.6	20.2
7 10	20 30.76	− 9 48.3	1.698	2.670	8.0	19.9
7 20	20 23.03	−10 53.7	1.657	2.660	4.4	19.7
7 30	20 14.57	−12 10.2	1.642	2.651	3.2	19.6
8 9	20 6.40	−13 32.1	1.655	2.641	6.5	19.8
8 19	19 59.47	−14 53.5	1.693	2.631	10.3	20.0
8 29	19 54.59	−16 9.3	1.755	2.622	13.9	20.2
476690 2008 TY_{101}			7 25.2 275°.64		2°.0/24.2 18	
6 20	20 44.83	−22 55.6	1.791	2.659	13.9	21.8
6 30	20 40.00	−23 25.9	1.706	2.646	10.5	21.5
7 10	20 32.76	−24 0.6	1.644	2.632	6.6	21.3
7 20	20 23.74	−24 35.2	1.607	2.618	2.7	21.0
7 30	20 13.92	−25 4.7	1.596	2.604	3.3	21.0
8 9	20 4.49	−25 25.4	1.612	2.590	7.4	21.2
8 19	19 56.56	−25 35.3	1.652	2.576	11.5	21.4
8 29	19 51.01	−25 34.4	1.714	2.562	15.0	21.6
60856 2000 HA_{68}			7 25.2 110°.91		2°.2/23.9 18	
6 20	20 45.58	−21 48.0	1.653	2.523	14.8	19.5
6 30	20 40.52	−22 44.5	1.591	2.531	11.0	19.3
7 10	20 33.01	−23 47.1	1.551	2.539	6.9	19.1
7 20	20 23.79	−24 49.9	1.535	2.547	2.9	18.9
7 30	20 13.92	−25 46.4	1.547	2.554	3.6	18.9
8 9	20 4.67	−26 31.6	1.584	2.561	7.7	19.2
8 19	19 57.10	−27 3.0	1.646	2.568	11.6	19.4
8 29	19 52.05	−27 20.5	1.730	2.575	15.0	19.7
230300 2002 AB_{46}			7 25.2 200°.43		0°.5/25.4 18	
6 20	20 45.24	−17 3.4	1.983	2.835	13.4	21.4
6 30	20 39.90	−17 16.0	1.903	2.833	10.2	21.2
7 10	20 32.48	−17 35.8	1.846	2.830	6.4	21.0
7 20	20 23.59	−18 0.3	1.815	2.827	2.4	20.7
7 30	20 14.11	−18 26.1	1.811	2.823	2.0	20.7
8 9	20 5.04	−18 50.1	1.834	2.819	6.1	20.9
8 19	19 57.32	−19 9.9	1.884	2.814	9.9	21.2
8 29	19 51.68	−19 24.2	1.957	2.810	13.3	21.4
481174 2005 UQ_{239}			7 25.2 235°.58		4°.3/21.9 18	
6 20	20 43.35	−30 38.9	2.471	3.331	10.8	21.7
6 30	20 38.37	−31 42.3	2.393	3.324	8.3	21.5
7 10	20 31.50	−32 44.7	2.341	3.317	5.8	21.3
7 20	20 23.25	−33 41.1	2.314	3.309	4.3	21.2
7 30	20 14.42	−34 26.7	2.316	3.301	5.1	21.2
8 9	20 5.89	−34 58.3	2.345	3.293	7.4	21.4
8 19	19 58.51	−35 14.8	2.400	3.285	10.0	21.5
8 29	19 53.00	−35 17.1	2.477	3.277	12.4	21.7
367722 2010 TY_{187}			7 25.2 13°.99		3°.0/24.4 17	
6 20	20 47.55	−25 51.8	1.127	2.020	18.5	20.4
6 30	20 42.87	−25 52.0	1.071	2.022	14.0	20.2
7 10	20 34.84	−25 52.1	1.033	2.025	8.9	19.9
7 20	20 24.47	−25 46.5	1.017	2.029	4.0	19.6
7 30	20 13.37	−25 30.6	1.025	2.034	4.5	19.7
8 9	20 3.36	−25 2.8	1.055	2.039	9.5	20.0
8 19	19 55.87	−24 24.2	1.106	2.046	14.4	20.3
8 29	19 51.83	−23 37.8	1.177	2.053	18.6	20.6
146247 2000 XU_{23}			7 25.2 155°.17		6°.7/20.5 18	R
6 20	20 48.50	−41 18.9	2.633	3.472	10.9	20.1
6 30	20 42.16	−42 13.3	2.574	3.477	9.0	20.0
7 10	20 33.78	−42 58.9	2.539	3.481	7.4	19.9
7 20	20 24.01	−43 30.6	2.530	3.486	6.7	19.8
7 30	20 13.78	−43 44.4	2.547	3.490	7.3	19.9
8 9	20 4.12	−43 38.9	2.590	3.494	8.8	20.0
8 19	19 55.91	−43 15.5	2.658	3.497	10.6	20.1
8 29	19 49.83	−42 36.9	2.746	3.500	12.4	20.3
512198 2015 SY_{15}			7 25.2 32°.80		5°.0/28.3 18	
6 20	20 39.75	− 4 34.4	2.082	2.901	14.1	21.1
6 30	20 35.57	− 4 18.0	2.010	2.906	11.4	20.9
7 10	20 29.68	− 4 16.5	1.958	2.911	8.5	20.8
7 20	20 22.60	− 4 29.8	1.931	2.917	5.9	20.6
7 30	20 15.08	− 4 56.7	1.929	2.923	5.0	20.6
8 9	20 7.96	− 5 34.3	1.954	2.929	6.7	20.7
8 19	20 1.96	− 6 18.9	2.004	2.935	9.4	20.9
8 29	19 57.72	− 7 6.4	2.078	2.942	12.2	21.1
123531 2000 XT_{13}			7 25.2 183°.29		14°.7/22.3 18	
6 20	21 17.53	−50 43.1	1.303	2.127	20.6	18.9
6 30	21 6.62	−51 45.0	1.250	2.128	18.1	18.8
7 10	20 50.10	−52 21.3	1.214	2.128	15.9	18.6
7 20	20 29.75	−52 15.9	1.198	2.128	14.7	18.6
7 30	20 8.70	−51 18.9	1.204	2.127	15.2	18.6
8 9	19 50.29	−49 33.0	1.232	2.125	17.1	18.7
8 19	19 36.73	−47 10.8	1.281	2.123	19.6	18.9
8 29	19 28.85	−44 28.1	1.348	2.119	22.2	19.0

91009 1998 BQ_{47} 7 25.2 178°.36 1°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.24	−12 18.8	2.199	3.035	12.8	20.3
6 30	20 38.92	−12 37.0	2.119	3.037	9.9	20.1
7 10	20 31.78	−13 5.6	2.062	3.038	6.5	19.9
7 20	20 23.35	−13 42.4	2.031	3.039	3.1	19.7
7 30	20 14.39	−14 24.4	2.029	3.039	2.3	19.6
8 9	20 5.80	−15 8.0	2.054	3.038	5.6	19.8
8 19	19 58.37	−15 50.1	2.107	3.037	9.0	20.0
8 29	19 52.77	−16 28.1	2.184	3.036	12.1	20.2

354297 2002 TE_{108} 7 25.2 270°.86 3°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.54	−10 54.7	2.294	3.122	12.6	20.8
6 30	20 39.28	−10 33.1	2.186	3.096	10.0	20.6
7 10	20 32.11	−10 19.9	2.100	3.069	6.9	20.4
7 20	20 23.51	−10 15.0	2.041	3.042	4.0	20.1
7 30	20 14.19	−10 17.5	2.009	3.014	3.4	20.0
8 9	20 5.02	−10 25.9	2.005	2.985	6.1	20.2
8 19	19 56.85	−10 38.1	2.028	2.956	9.5	20.3
8 29	19 50.43	−10 52.1	2.076	2.927	12.7	20.5

38179 1999 JV_{122} 7 25.2 36°.10 2°.7/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.62	−22 13.1	1.118	2.012	18.5	18.5
6 30	20 40.59	−22 59.5	1.070	2.022	13.9	18.3
7 10	20 33.39	−23 53.0	1.041	2.033	8.6	18.0
7 20	20 23.98	−24 46.0	1.033	2.045	3.6	17.8
7 30	20 13.88	−25 30.5	1.048	2.057	4.4	17.9
8 9	20 4.78	−26 1.0	1.087	2.070	9.4	18.2
8 19	19 58.05	−26 15.5	1.147	2.084	14.2	18.5
8 29	19 54.59	−26 14.8	1.225	2.098	18.2	18.8

418211 2008 CF_{154} 7 25.2 216°.36 0°.9/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.12	−19 10.1	1.751	2.613	14.5	22.1
6 30	20 40.93	−19 49.3	1.671	2.607	10.9	21.9
7 10	20 33.34	−20 36.8	1.614	2.601	6.8	21.6
7 20	20 23.97	−21 28.2	1.582	2.595	2.4	21.3
7 30	20 13.81	−22 17.8	1.577	2.588	2.6	21.3
8 9	20 4.08	−23 1.0	1.598	2.580	7.1	21.6
8 19	19 55.87	−23 34.6	1.645	2.572	11.3	21.8
8 29	19 50.06	−23 57.3	1.714	2.564	14.9	22.0

285095 1994 RC_{3} 7 25.2 342°.33 2°.6/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.91	−24 17.2	1.009	1.912	19.3	19.9
6 30	20 40.64	−24 21.0	0.945	1.902	14.7	19.6
7 10	20 33.79	−24 27.5	0.899	1.893	9.3	19.3
7 20	20 24.24	−24 31.2	0.872	1.885	3.8	18.9
7 30	20 13.59	−24 26.3	0.868	1.878	4.4	18.9
8 9	20 3.83	−24 9.4	0.884	1.873	10.1	19.2
8 19	19 56.62	−23 40.5	0.921	1.868	15.6	19.5
8 29	19 53.11	−23 1.7	0.975	1.865	20.4	19.8

510471 2011 WZ_{84} 7 25.2 186°.72 0°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.92	−19 3.1	2.492	3.344	11.0	22.0
6 30	20 37.04	−19 30.0	2.413	3.343	8.3	21.8
7 10	20 30.55	−20 2.0	2.358	3.343	5.1	21.6
7 20	20 22.92	−20 36.2	2.329	3.342	1.8	21.4
7 30	20 14.84	−21 9.7	2.329	3.341	1.8	21.4
8 9	20 7.09	−21 39.6	2.358	3.340	5.2	21.6
8 19	20 0.37	−22 3.9	2.414	3.338	8.3	21.8
8 29	19 55.28	−22 21.6	2.493	3.336	11.1	22.0

253359 2003 GV_{12} 7 25.2 31°.60 5°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.49	− 8 28.8	0.974	1.855	21.7	19.7
6 30	20 38.26	− 8 13.3	0.930	1.868	17.1	19.5
7 10	20 31.93	− 8 21.4	0.903	1.882	12.0	19.3
7 20	20 23.48	− 8 52.1	0.894	1.898	7.1	19.1
7 30	20 14.39	− 9 40.9	0.907	1.914	5.5	19.0
8 9	20 6.31	−10 40.1	0.941	1.931	9.2	19.3
8 19	20 0.55	−11 41.8	0.996	1.950	13.9	19.6
8 29	19 57.97	−12 39.3	1.069	1.969	18.2	20.0

323509 2004 RS_{35} 7 25.2 296°.12 5°.0/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.69	− 1 53.1	2.215	3.019	13.8	20.7
6 30	20 34.87	− 2 12.2	2.119	3.005	11.3	20.5
7 10	20 29.34	− 2 49.6	2.044	2.991	8.6	20.3
7 20	20 22.55	− 3 45.0	1.993	2.976	6.0	20.1
7 30	20 15.16	− 4 56.3	1.969	2.962	5.0	20.0
8 9	20 7.97	− 6 19.3	1.972	2.948	6.5	20.1
8 19	20 1.74	− 7 48.7	2.002	2.934	9.3	20.3
8 29	19 57.16	− 9 18.9	2.056	2.920	12.2	20.4

152842 1999 VS_{107} 7 25.2 211°.06 0°.6/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.46	−20 2.1	2.710	3.561	10.3	21.1
6 30	20 36.62	−20 26.8	2.626	3.556	7.7	20.9
7 10	20 30.25	−20 55.5	2.566	3.551	4.8	20.7
7 20	20 22.82	−21 25.6	2.534	3.546	1.7	20.5
7 30	20 14.96	−21 54.5	2.530	3.541	1.8	20.5
8 9	20 7.37	−22 19.6	2.555	3.535	4.9	20.7
8 19	20 0.72	−22 39.3	2.607	3.529	7.9	20.9
8 29	19 55.58	−22 52.7	2.684	3.523	10.5	21.0

361381 2006 VA_{49} 7 25.2 202°.41 2°.8/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.79	− 9 21.8	2.782	3.600	10.9	22.3
6 30	20 36.75	− 9 15.0	2.692	3.596	8.6	22.1
7 10	20 30.29	− 9 16.9	2.626	3.591	6.0	21.9
7 20	20 22.83	− 9 27.0	2.587	3.585	3.6	21.8
7 30	20 14.96	− 9 44.0	2.576	3.580	2.9	21.7
8 9	20 7.34	−10 5.9	2.594	3.573	5.0	21.9
8 19	20 0.58	−10 30.7	2.640	3.567	7.6	22.0
8 29	19 55.23	−10 56.2	2.711	3.560	10.1	22.2

442469 2011 UZ_{297} 7 25.2 252°.32 1°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.61	−20 56.8	2.210	3.069	12.0	21.9
6 30	20 37.85	−21 27.3	2.126	3.061	9.0	21.7
7 10	20 31.20	−22 2.6	2.066	3.053	5.6	21.4
7 20	20 23.20	−22 39.3	2.032	3.044	2.1	21.2
7 30	20 14.61	−23 13.6	2.026	3.036	2.4	21.2
8 9	20 6.35	−23 42.2	2.047	3.027	6.0	21.4
8 19	19 59.26	−24 3.1	2.094	3.018	9.5	21.6
8 29	19 54.04	−24 15.5	2.165	3.009	12.5	21.8

159097 2004 TE_{324} 7 25.2 271°.04 0°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.85	−17 0.2	2.470	3.319	11.2	21.0
6 30	20 36.34	−17 16.7	2.377	3.305	8.5	20.8
7 10	20 30.18	−17 39.5	2.308	3.291	5.4	20.5
7 20	20 22.83	−18 6.5	2.265	3.277	2.0	20.3
7 30	20 14.95	−18 35.1	2.250	3.262	1.7	20.2
8 9	20 7.30	−19 2.4	2.263	3.247	5.2	20.5
8 19	20 0.63	−19 26.4	2.304	3.233	8.4	20.6
8 29	19 55.55	−19 45.5	2.368	3.218	11.3	20.8

137994 2000 CQ_{66} 7 25.2 164°.88 0°.6/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.19	−16 9.6	1.879	2.731	14.1	21.0
6 30	20 40.68	−16 29.9	1.806	2.735	10.7	20.7
7 10	20 33.01	−16 58.9	1.756	2.739	6.8	20.5
7 20	20 23.82	−17 33.5	1.730	2.742	2.5	20.3
7 30	20 14.06	−18 9.9	1.733	2.745	2.1	20.2
8 9	20 4.78	−18 44.4	1.763	2.747	6.3	20.5
8 19	19 56.94	−19 13.9	1.818	2.749	10.2	20.7
8 29	19 51.31	−19 36.9	1.897	2.750	13.6	21.0

130407 2000 OV_{29} 7 25.2 333°.19 4°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.17	−12 15.1	0.982	1.877	20.4	18.7
6 30	20 35.54	−11 49.7	0.907	1.856	16.1	18.4
7 10	20 30.68	−11 41.5	0.849	1.836	11.1	18.1
7 20	20 23.24	−11 51.2	0.810	1.818	5.9	17.7
7 30	20 14.50	−12 16.7	0.791	1.801	4.7	17.6
8 9	20 6.23	−12 52.8	0.792	1.786	9.7	17.8
8 19	20 0.07	−13 33.4	0.812	1.772	15.4	18.0
8 29	19 57.35	−14 12.2	0.850	1.760	20.6	18.3

248147 2004 TR_{120} 7 25.2 319°.41 11°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.15	−41 32.2	1.380	2.253	17.0	19.4
6 30	20 44.76	−42 42.9	1.303	2.226	14.4	19.1
7 10	20 36.55	−43 42.6	1.245	2.200	12.1	18.9
7 20	20 25.29	−44 19.9	1.208	2.175	11.1	18.8
7 30	20 12.63	−44 24.5	1.193	2.150	12.1	18.8
8 9	20 0.69	−43 52.4	1.198	2.126	14.8	18.9
8 19	19 51.38	−42 46.2	1.224	2.103	18.0	19.0
8 29	19 46.00	−41 13.4	1.266	2.080	21.2	19.1

215108 1996 RC_{18} 7 25.2 240°.35 0°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.62	−15 24.5	1.622	2.481	15.5	20.6
6 30	20 40.74	−15 46.3	1.539	2.472	11.9	20.3
7 10	20 33.33	−16 19.7	1.478	2.462	7.6	20.1
7 20	20 24.02	−17 1.4	1.440	2.452	2.9	19.7
7 30	20 13.85	−17 47.1	1.429	2.441	2.4	19.7
8 9	20 4.07	−18 31.6	1.444	2.431	7.2	20.0
8 19	19 55.86	−19 10.9	1.484	2.419	11.7	20.2
8 29	19 50.16	−19 42.6	1.545	2.408	15.7	20.4

247163 2000 YS_{123} 7 25.2 282°.96 0°.9/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.31	−23 7.6	2.267	3.121	11.9	19.7
6 30	20 40.58	−22 56.4	2.173	3.105	9.0	19.5
7 10	20 32.88	−22 45.7	2.103	3.089	5.6	19.2
7 20	20 23.78	−22 33.1	2.060	3.072	2.1	18.9
7 30	20 14.11	−22 16.7	2.045	3.056	2.2	18.9
8 9	20 4.81	−21 55.3	2.058	3.039	5.9	19.1
8 19	19 56.74	−21 28.8	2.098	3.022	9.4	19.3
8 29	19 50.61	−20 57.7	2.163	3.006	12.5	19.5

213544 2002 JZ_{82} 7 25.2 109°.61 0°.9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.10	−15 40.4	1.568	2.426	16.1	21.2
6 30	20 42.30	−15 56.8	1.510	2.442	12.2	21.0
7 10	20 34.07	−16 23.4	1.474	2.458	7.7	20.7
7 20	20 24.19	−16 56.6	1.461	2.473	3.0	20.5
7 30	20 13.80	−17 32.1	1.475	2.487	2.3	20.5
8 9	20 4.15	−18 5.6	1.516	2.502	6.9	20.8
8 19	19 56.29	−18 34.0	1.581	2.515	11.2	21.1
8 29	19 51.01	−18 55.6	1.668	2.529	14.8	21.4

417962 2007 TD_{106} 7 25.2 270°.39 5°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.21	− 7 22.4	1.452	2.297	17.8	21.0
6 30	20 39.84	− 7 1.1	1.371	2.288	14.3	20.8
7 10	20 32.85	− 6 57.3	1.310	2.278	10.3	20.5
7 20	20 23.88	− 7 11.6	1.271	2.268	6.6	20.3
7 30	20 14.00	− 7 42.6	1.256	2.258	5.5	20.2
8 9	20 4.52	− 8 26.0	1.265	2.248	8.4	20.4
8 19	19 56.69	− 9 16.8	1.298	2.238	12.6	20.6
8 29	19 51.47	−10 9.4	1.352	2.228	16.6	20.8

307286 2002 PA_{96} 7 25.2 323°.41 5°.2/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 53.89	−33 37.2	1.851	2.707	14.0	19.5
6 30	20 47.42	−33 34.8	1.728	2.655	11.2	19.2
7 10	20 37.84	−33 24.2	1.627	2.602	8.0	18.9
7 20	20 25.72	−32 59.0	1.551	2.549	5.4	18.6
7 30	20 12.21	−32 13.7	1.501	2.496	6.0	18.5
8 9	19 58.87	−31 6.2	1.479	2.444	9.4	18.6
8 19	19 47.21	−29 38.8	1.483	2.391	13.6	18.7
8 29	19 38.48	−27 56.9	1.509	2.339	17.6	18.9

317959 2003 XA_{15} 7 25.2 349°.43 0°.5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 3.95	−30 55.4	0.953	1.836	21.9	17.8
6 30	20 55.96	−28 31.0	0.878	1.823	17.0	17.4
7 10	20 43.35	−25 38.9	0.822	1.812	11.0	17.1
7 20	20 27.52	−22 18.9	0.790	1.803	4.0	16.6
7 30	20 10.83	−18 39.9	0.783	1.795	3.6	16.6
8 9	19 55.88	−14 59.2	0.802	1.790	10.8	17.0
8 19	19 44.61	−11 35.0	0.845	1.787	17.2	17.3
8 29	19 38.04	− 8 38.1	0.907	1.787	22.5	17.6

163426 2002 RP_{61} 7 25.2 282°.62 5°.1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.96	−31 18.8	1.945	2.812	13.0	19.8
6 30	20 40.89	−32 9.5	1.862	2.796	10.1	19.5
7 10	20 33.38	−32 58.4	1.801	2.779	7.1	19.3
7 20	20 24.04	−33 39.4	1.766	2.762	5.2	19.2
7 30	20 13.88	−34 6.7	1.757	2.746	6.0	19.2
8 9	20 4.12	−34 16.9	1.774	2.729	8.9	19.3
8 19	19 55.90	−34 9.4	1.815	2.712	12.1	19.5
8 29	19 50.10	−33 46.1	1.877	2.695	15.1	19.7

253449 2003 RX_{18} 7 25.2 359°.69 4°.0/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.90	−25 30.6	0.738	1.671	20.9	18.8
6 30	20 32.94	−25 45.6	0.691	1.664	15.9	18.5
7 10	20 29.21	−26 2.8	0.659	1.659	10.2	18.1
7 20	20 22.70	−26 15.1	0.645	1.657	4.9	17.9
7 30	20 15.19	−26 15.1	0.648	1.658	5.7	17.9
8 9	20 8.79	−25 58.9	0.670	1.662	11.3	18.2
8 19	20 5.16	−25 26.5	0.709	1.669	16.8	18.6
8 29	20 5.32	−24 40.4	0.763	1.679	21.6	18.9

85240 1993 OT_{11} 7 25.2 352°.43 0°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.38	−17 49.5	1.633	2.505	14.9	18.7
6 30	20 37.38	−17 35.4	1.559	2.499	11.3	18.5
7 10	20 31.10	−17 27.9	1.506	2.494	7.2	18.2
7 20	20 23.21	−17 25.0	1.477	2.489	2.8	17.9
7 30	20 14.70	−17 24.4	1.474	2.486	2.3	17.9
8 9	20 6.71	−17 23.7	1.495	2.484	6.7	18.2
8 19	20 0.26	−17 21.4	1.541	2.482	10.9	18.4
8 29	19 56.14	−17 16.1	1.609	2.482	14.6	18.6

184796 2005 TO_{81} 7 25.2 237°.62 5°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.33	− 3 14.4	2.311	3.116	13.3	20.7
6 30	20 35.94	− 2 57.8	2.227	3.113	10.9	20.5
7 10	20 29.92	− 2 55.3	2.164	3.110	8.3	20.3
7 20	20 22.76	− 3 7.5	2.126	3.107	6.0	20.2
7 30	20 15.12	− 3 33.3	2.115	3.103	5.2	20.1
8 9	20 7.78	− 4 10.3	2.130	3.100	6.6	20.2
8 19	20 1.43	− 4 55.1	2.171	3.097	9.1	20.3
8 29	19 56.69	− 5 44.0	2.237	3.093	11.7	20.5

193626 2001 CV_{31} 7 25.2 180°.02 11°.2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 1.72	−55 41.9	2.479	3.259	13.2	20.5
6 30	20 53.23	−57 9.9	2.434	3.261	12.0	20.4
7 10	20 41.27	−58 20.4	2.409	3.262	11.3	20.4
7 20	20 26.79	−59 5.3	2.407	3.262	11.2	20.4
7 30	20 11.41	−59 19.1	2.427	3.262	11.8	20.4
8 9	19 57.01	−59 1.2	2.470	3.261	12.8	20.5
8 19	19 45.17	−58 15.1	2.531	3.259	14.1	20.6
8 29	19 36.90	−57 7.0	2.611	3.257	15.3	20.7

523712 2014 JS_{80} 7 25.2 0°.80 0°.0/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 21.55	−18 30.1	39.172	40.014	0.8	21.9
6 30	20 20.85	−18 33.0	39.089	40.014	0.6	21.9
7 10	20 20.07	−18 36.2	39.032	40.014	0.4	21.9
7 20	20 19.25	−18 39.6	39.002	40.014	0.1	21.8
7 30	20 18.41	−18 43.1	39.002	40.014	0.1	21.8
8 9	20 17.58	−18 46.5	39.031	40.015	0.4	21.8
8 19	20 16.80	−18 49.8	39.088	40.015	0.6	21.9
8 29	20 16.10	−18 52.9	39.172	40.015	0.8	21.9

284069 2005 EO_{155} 7 25.2 241°.30 1°.5/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.54	−13 46.2	2.041	2.888	13.3	21.1
6 30	20 37.87	−13 58.6	1.957	2.882	10.2	20.9
7 10	20 31.26	−14 20.8	1.896	2.876	6.7	20.7
7 20	20 23.26	−14 50.8	1.861	2.870	2.9	20.4
7 30	20 14.66	−15 25.7	1.853	2.864	2.2	20.4
8 9	20 6.41	−16 1.9	1.872	2.857	5.9	20.6
8 19	19 59.36	−16 36.3	1.917	2.851	9.6	20.8
8 29	19 54.23	−17 6.6	1.985	2.844	12.8	21.0

477747 2010 UR_{65} 7 25.2 71°.71 7°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.46	+ 3 37.8	2.304	3.070	14.4	20.7
6 30	20 36.64	+ 4 25.6	2.240	3.087	12.3	20.5
7 10	20 30.26	+ 4 55.9	2.198	3.104	10.1	20.4
7 20	20 22.85	+ 5 7.2	2.178	3.121	8.4	20.3
7 30	20 15.10	+ 4 59.3	2.183	3.137	7.6	20.3
8 9	20 7.76	+ 4 34.1	2.214	3.154	8.3	20.4
8 19	20 1.49	+ 3 55.1	2.270	3.171	9.9	20.5
8 29	19 56.85	+ 3 6.8	2.349	3.187	11.8	20.7

391747 2008 DC_{24} 7 25.2 80°.53 1°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.54	−12 22.7	2.174	3.016	12.8	21.0
6 30	20 36.83	−12 51.6	2.112	3.033	9.7	20.9
7 10	20 30.44	−13 30.7	2.073	3.050	6.3	20.7
7 20	20 22.92	−14 17.6	2.059	3.068	2.9	20.5
7 30	20 15.04	−15 8.7	2.074	3.085	2.1	20.5
8 9	20 7.60	−16 0.1	2.116	3.102	5.3	20.7
8 19	20 1.34	−16 48.6	2.185	3.119	8.6	21.0
8 29	19 56.83	−17 31.5	2.279	3.135	11.5	21.2

214124 2004 XG_{85} 7 25.2 190°.60 3°.3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.42	−22 53.0	1.500	2.376	15.7	20.0
6 30	20 41.61	−24 11.8	1.432	2.376	11.8	19.8
7 10	20 34.00	−25 38.4	1.386	2.375	7.5	19.5
7 20	20 24.30	−27 4.8	1.365	2.374	3.7	19.3
7 30	20 13.71	−28 22.4	1.369	2.373	4.8	19.4
8 9	20 3.65	−29 24.2	1.399	2.372	9.0	19.6
8 19	19 55.44	−30 7.0	1.453	2.370	13.2	19.9
8 29	19 50.07	−30 30.9	1.527	2.369	16.9	20.1

271622 2004 PP_{52} 7 25.2 350°.28 0°.5/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.91	−13 54.7	1.145	2.037	18.4	19.8
6 30	20 34.14	−14 52.7	1.077	2.027	14.0	19.5
7 10	20 29.55	−16 11.6	1.027	2.019	8.9	19.2
7 20	20 22.81	−17 46.2	0.999	2.012	3.3	18.8
7 30	20 15.08	−19 27.5	0.994	2.007	2.7	18.8
8 9	20 7.88	−21 5.1	1.011	2.003	8.5	19.1
8 19	20 2.57	−22 30.5	1.050	2.000	13.8	19.4
8 29	20 0.23	−23 38.2	1.108	2.000	18.4	19.7

97981 2000 QH_{171} 7 25.2 92°.62 0°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.23	−19 19.9	1.388	2.259	17.0	19.3
6 30	20 43.49	−19 24.2	1.331	2.270	12.8	19.1
7 10	20 34.98	−19 35.3	1.294	2.282	8.0	18.8
7 20	20 24.57	−19 49.4	1.280	2.293	2.8	18.5
7 30	20 13.58	−20 2.4	1.292	2.304	2.6	18.5
8 9	20 3.47	−20 10.8	1.329	2.315	7.7	18.9
8 19	19 55.43	−20 13.2	1.389	2.325	12.3	19.2
8 29	19 50.29	−20 9.1	1.471	2.336	16.2	19.5

353856 2012 VX_{90} 7 25.2 277°.16 0°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.80	−16 4.4	1.889	2.747	13.8	21.6
6 30	20 38.27	−16 19.8	1.805	2.737	10.5	21.3
7 10	20 31.62	−16 44.2	1.743	2.727	6.7	21.1
7 20	20 23.43	−17 14.9	1.706	2.718	2.6	20.8
7 30	20 14.56	−17 48.5	1.696	2.708	2.1	20.8
8 9	20 6.04	−18 21.3	1.712	2.698	6.3	21.0
8 19	19 58.83	−18 50.2	1.754	2.688	10.3	21.2
8 29	19 53.73	−19 13.3	1.819	2.679	13.8	21.4

329725 2003 WX_{150} 7 25.2 217°.71 1°.3/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.56	−19 51.9	1.806	2.667	14.1	21.3
6 30	20 41.28	−20 38.7	1.724	2.660	10.7	21.1
7 10	20 33.61	−21 33.5	1.665	2.652	6.7	20.8
7 20	20 24.15	−22 31.5	1.632	2.644	2.4	20.5
7 30	20 13.88	−23 26.9	1.625	2.635	2.9	20.6
8 9	20 3.99	−24 14.6	1.646	2.626	7.2	20.8
8 19	19 55.57	−24 51.5	1.692	2.616	11.3	21.0
8 29	19 49.53	−25 16.4	1.761	2.606	14.8	21.2

451324 2010 VL_{58} 7 25.2 93°.03 3°.6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.90	− 8 50.1	2.343	3.168	12.5	20.9
6 30	20 37.04	− 8 25.3	2.265	3.171	9.9	20.7
7 10	20 30.57	− 8 10.4	2.210	3.173	7.0	20.5
7 20	20 22.99	− 8 5.3	2.180	3.176	4.4	20.4
7 30	20 15.01	− 8 9.1	2.178	3.178	3.7	20.4
8 9	20 7.38	− 8 20.1	2.203	3.181	5.8	20.5
8 19	20 0.80	− 8 36.2	2.254	3.183	8.6	20.7
8 29	19 55.87	− 8 54.7	2.330	3.186	11.3	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
287766 2003 SG_{67}			7 25.2 277°.40		0°.8/25.6 18	
	h m	° ′			°	m
6 20	20 45.26	−16 33.8	2.063	2.912	13.1	21.1
6 30	20 40.16	−16 39.3	1.955	2.882	10.1	20.8
7 10	20 32.88	−16 52.2	1.870	2.852	6.5	20.5
7 20	20 23.92	−17 10.5	1.810	2.822	2.5	20.2
7 30	20 14.07	−17 31.3	1.779	2.791	2.1	20.1
8 9	20 4.36	−17 51.7	1.774	2.759	6.3	20.3
8 19	19 55.78	−18 9.3	1.796	2.727	10.3	20.5
8 29	19 49.23	−18 22.3	1.842	2.694	14.0	20.7
222537 2001 UH_{140}			7 25.2 346°.78		7°.0/21.8 15	
6 20	20 41.81	−30 17.2	1.192	2.091	17.3	19.8
6 30	20 38.88	−31 34.5	1.131	2.082	13.4	19.5
7 10	20 32.65	−32 52.0	1.089	2.074	9.5	19.3
7 20	20 23.92	−33 59.6	1.068	2.068	7.1	19.1
7 30	20 14.13	−34 47.3	1.070	2.062	8.3	19.2
8 9	20 5.09	−35 9.2	1.094	2.058	12.0	19.4
8 19	19 58.37	−35 4.8	1.137	2.054	16.1	19.6
8 29	19 55.05	−34 37.3	1.199	2.052	19.8	19.8
254103 2004 LF			7 25.2 218°.30		15°.3/14.4 17	
6 20	20 56.29	−43 9.0	1.156	2.029	19.6	19.9
6 30	20 51.56	−46 33.1	1.111	2.025	17.1	19.8
7 10	20 41.74	−49 46.1	1.085	2.020	15.5	19.7
7 20	20 27.46	−52 26.7	1.082	2.015	15.6	19.6
7 30	20 10.77	−54 17.0	1.099	2.010	17.3	19.7
8 9	19 54.80	−55 10.2	1.134	2.004	19.9	19.9
8 19	19 42.48	−55 11.2	1.186	1.998	22.7	20.1
8 29	19 35.69	−54 31.4	1.250	1.991	25.1	20.2
84238 2002 SK_{30}			7 25.2 317°.05		3°.9/23.2 18	
6 20	20 42.57	−23 54.0	1.302	2.193	16.7	18.9
6 30	20 39.21	−25 1.3	1.227	2.178	12.7	18.6
7 10	20 32.81	−26 17.1	1.172	2.163	8.2	18.3
7 20	20 24.02	−27 33.3	1.139	2.149	4.3	18.0
7 30	20 14.08	−28 40.8	1.131	2.135	5.4	18.1
8 9	20 4.60	−29 31.9	1.146	2.122	10.0	18.3
8 19	19 57.09	−30 3.0	1.183	2.110	14.7	18.5
8 29	19 52.71	−30 14.0	1.238	2.098	18.9	18.7
480729 2016 MN_{1}			7 25.2 324°.71		6°.1/27.8 17	
6 20	20 40.92	− 6 13.5	1.443	2.291	17.7	20.0
6 30	20 37.38	− 5 40.5	1.363	2.278	14.4	19.8
7 10	20 31.35	− 5 25.3	1.302	2.266	10.7	19.5
7 20	20 23.44	− 5 29.3	1.262	2.255	7.3	19.3
7 30	20 14.66	− 5 51.9	1.245	2.244	6.2	19.2
8 9	20 6.28	− 6 29.8	1.253	2.234	8.7	19.3
8 19	19 59.45	− 7 17.9	1.283	2.224	12.6	19.5
8 29	19 55.14	− 8 10.3	1.333	2.216	16.4	19.7
145827 1998 VA_{7}			7 25.2 243°.90		5°.6/21.9 18	
6 20	20 48.99	−31 28.9	1.865	2.729	13.6	20.3
6 30	20 43.38	−32 36.7	1.783	2.715	10.6	20.1
7 10	20 35.09	−33 43.6	1.725	2.700	7.6	19.9
7 20	20 24.75	−34 42.1	1.691	2.685	5.7	19.7
7 30	20 13.45	−35 25.1	1.685	2.669	6.7	19.8
8 9	20 2.55	−35 48.3	1.704	2.653	9.6	19.9
8 19	19 53.29	−35 50.9	1.747	2.637	12.9	20.1
8 29	19 46.69	−35 35.1	1.811	2.619	16.0	20.2
338710 2003 UG_{59}			7 25.2 302°.69		5°.2/27.1 18	
6 20	20 44.34	− 8 24.2	1.752	2.589	15.6	19.6
6 30	20 39.53	− 7 32.4	1.666	2.576	12.5	19.4
7 10	20 32.49	− 6 51.8	1.601	2.564	9.2	19.2
7 20	20 23.79	− 6 23.8	1.559	2.552	6.1	19.0
7 30	20 14.36	− 6 9.0	1.543	2.541	5.4	18.9
8 9	20 5.29	− 6 6.3	1.552	2.529	7.9	19.0
8 19	19 57.60	− 6 13.3	1.586	2.518	11.4	19.2
8 29	19 52.12	− 6 26.9	1.643	2.507	14.8	19.4
346722 2009 AH_{17}			7 25.2 259°.58		1°.2/24.6 18	
6 20	20 44.98	−21 25.5	2.054	2.913	12.7	21.7
6 30	20 39.89	−21 49.5	1.963	2.897	9.6	21.5
7 10	20 32.66	−22 18.2	1.894	2.881	6.0	21.3
7 20	20 23.85	−22 47.9	1.852	2.864	2.2	21.0
7 30	20 14.31	−23 14.8	1.837	2.847	2.6	21.0
8 9	20 5.07	−23 35.5	1.849	2.829	6.5	21.2
8 19	19 57.09	−23 48.2	1.887	2.811	10.3	21.4
8 29	19 51.19	−23 52.2	1.949	2.793	13.6	21.6
23300 2001 AE_{16}			7 25.2 48°.76		0°.4/24.9 18	
6 20	20 45.21	− 9 51.4	1.137	2.005	20.1	17.0
6 30	20 40.88	−12 29.8	1.094	2.032	15.1	16.8
7 10	20 33.58	−15 34.6	1.071	2.059	9.3	16.5
7 20	20 24.18	−18 52.1	1.073	2.086	3.1	16.3
7 30	20 14.09	−22 4.8	1.103	2.114	3.2	16.4
8 9	20 4.89	−24 56.6	1.158	2.143	8.9	16.8
8 19	19 57.90	−27 18.1	1.239	2.171	13.8	17.1
8 29	19 54.05	−29 6.7	1.340	2.200	17.7	17.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471709 2012 TN_{294}			7 25.2 319°.73		0°.6/24.9 18	
	h m	° ′			°	m
6 20	20 39.36	−17 23.6	1.372	2.256	16.4	20.3
6 30	20 36.69	−18 7.0	1.278	2.225	12.6	20.0
7 10	20 31.25	−19 5.4	1.203	2.194	8.0	19.7
7 20	20 23.52	−20 14.7	1.151	2.164	2.8	19.3
7 30	20 14.52	−21 28.2	1.123	2.135	2.9	19.2
8 9	20 5.68	−22 38.1	1.119	2.107	8.5	19.4
8 19	19 58.42	−23 37.8	1.137	2.079	13.8	19.7
8 29	19 53.99	−24 23.4	1.175	2.053	18.5	19.9
126752 2002 DR_{3}			7 25.2 4°.31		2°.9/27.3 18	
6 20	20 39.20	− 8 34.1	2.026	2.863	13.7	19.2
6 30	20 35.35	− 8 58.9	1.948	2.863	10.8	19.0
7 10	20 29.70	− 9 38.3	1.893	2.863	7.4	18.8
7 20	20 22.78	−10 30.5	1.861	2.864	4.1	18.6
7 30	20 15.34	−11 32.0	1.857	2.865	3.1	18.5
8 9	20 8.23	−12 38.4	1.880	2.866	5.9	18.7
8 19	20 2.27	−13 44.9	1.929	2.867	9.3	18.9
8 29	19 58.11	−14 47.5	2.002	2.869	12.4	19.1
395892 2013 AZ_{45}			7 25.2 101°.27		0°.5/25.7 18	
6 20	20 41.28	−13 59.4	2.258	3.103	12.2	20.8
6 30	20 36.73	−14 55.4	2.186	3.111	9.3	20.6
7 10	20 30.48	−16 1.8	2.138	3.120	5.9	20.4
7 20	20 23.04	−17 14.9	2.117	3.129	2.2	20.2
7 30	20 15.13	−18 30.1	2.125	3.137	1.7	20.1
8 9	20 7.58	−19 42.7	2.161	3.146	5.3	20.4
8 19	20 1.11	−20 48.8	2.225	3.154	8.7	20.6
8 29	19 56.36	−21 45.7	2.313	3.162	11.6	20.8
62932 2000 VF_{18}			7 25.2 93°.64		2°.0/23.8 18	
6 20	20 42.47	−23 0.6	2.248	3.109	11.7	18.8
6 30	20 37.68	−23 50.7	2.183	3.119	8.7	18.7
7 10	20 31.08	−24 44.1	2.141	3.128	5.5	18.5
7 20	20 23.25	−25 36.6	2.127	3.137	2.5	18.3
7 30	20 14.96	−26 23.7	2.140	3.146	3.0	18.3
8 9	20 7.09	−27 2.1	2.181	3.155	6.2	18.6
8 19	20 0.44	−27 29.9	2.249	3.164	9.3	18.8
8 29	19 55.62	−27 46.7	2.339	3.173	12.0	19.0
93593 2000 UF_{54}			7 25.2 258°.48		0°.1/25.3 18	
6 20	20 43.89	−17 4.1	1.915	2.772	13.6	19.1
6 30	20 39.18	−17 33.4	1.825	2.757	10.4	18.9
7 10	20 32.28	−18 11.9	1.758	2.743	6.6	18.6
7 20	20 23.75	−18 56.3	1.716	2.728	2.3	18.3
7 30	20 14.44	−19 42.3	1.701	2.713	2.1	18.3
8 9	20 5.41	−20 25.6	1.713	2.697	6.5	18.5
8 19	19 57.67	−21 2.7	1.751	2.682	10.5	18.7
8 29	19 52.06	−21 31.7	1.812	2.666	14.1	18.9
299766 2006 SX_{20}			7 25.2 277°.36		2°.8/26.7 18	
6 20	20 41.95	−11 8.6	2.034	2.875	13.6	20.6
6 30	20 37.46	−11 4.6	1.949	2.867	10.6	20.4
7 10	20 31.06	−11 11.4	1.885	2.858	7.2	20.2
7 20	20 23.28	−11 28.2	1.846	2.850	3.9	20.0
7 30	20 14.91	−11 52.8	1.833	2.841	3.1	19.9
8 9	20 6.85	−12 22.5	1.848	2.833	6.1	20.1
8 19	19 59.97	−12 54.0	1.889	2.824	9.6	20.3
8 29	19 54.97	−13 24.5	1.952	2.815	12.8	20.5
172855 2005 EL_{46}			7 25.2 111°.46		1°.4/25.9 17	
6 20	20 47.43	−14 50.9	1.563	2.420	16.1	21.0
6 30	20 41.89	−15 2.7	1.503	2.433	12.3	20.8
7 10	20 33.92	−15 25.5	1.463	2.446	7.9	20.5
7 20	20 24.27	−15 56.1	1.447	2.458	3.2	20.3
7 30	20 14.07	−16 30.4	1.457	2.469	2.5	20.3
8 9	20 4.56	−17 4.2	1.494	2.481	6.9	20.6
8 19	19 56.81	−17 34.1	1.556	2.492	11.2	20.8
8 29	19 51.60	−17 57.9	1.639	2.502	14.9	21.1
187925 2001 AN_{51}			7 25.2 268°.82		0°.4/24.9 18	
6 20	20 41.35	−18 18.9	2.401	3.254	11.3	20.8
6 30	20 36.87	−18 54.2	2.306	3.237	8.6	20.6
7 10	20 30.66	−19 36.5	2.235	3.220	5.4	20.3
7 20	20 23.14	−20 22.7	2.190	3.203	1.9	20.1
7 30	20 15.02	−21 9.1	2.174	3.185	1.9	20.0
8 9	20 7.10	−21 52.3	2.185	3.167	5.5	20.2
8 19	20 0.16	−22 29.5	2.224	3.149	8.9	20.4
8 29	19 54.89	−22 59.0	2.286	3.131	11.9	20.6
79371 1997 ES_{39}			7 25.2 227°.51		0°.9/24.8 18	
6 20	20 48.84	−20 54.0	1.921	2.776	13.7	20.1
6 30	20 42.89	−21 10.0	1.832	2.764	10.4	19.9
7 10	20 34.60	−21 30.7	1.767	2.752	6.5	19.6
7 20	20 24.56	−21 52.4	1.727	2.739	2.3	19.3
7 30	20 13.74	−22 11.2	1.715	2.725	2.5	19.3
8 9	20 3.30	−22 24.1	1.730	2.711	6.8	19.6
8 19	19 54.31	−22 29.3	1.771	2.696	10.8	19.8
8 29	19 47.63	−22 26.8	1.836	2.680	14.4	20.0

206998 2004 TP_{207} 7 25.2 107°.74 3°.9/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.94	− 9 34.6	1.479	2.325	17.4	20.6
6 30	20 41.61	− 9 27.3	1.417	2.337	13.7	20.4
7 10	20 33.78	− 9 35.9	1.376	2.349	9.4	20.2
7 20	20 24.24	− 9 59.0	1.358	2.361	5.3	20.0
7 30	20 14.10	−10 33.7	1.365	2.372	4.2	19.9
8 9	20 4.67	−11 15.3	1.398	2.383	7.5	20.2
8 19	19 57.01	−11 59.0	1.455	2.394	11.6	20.4
8 29	19 51.95	−12 40.8	1.534	2.404	15.3	20.7

92152 1999 XB_{132} 7 25.2 155°.47 2°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.27	−26 38.3	2.709	3.564	10.1	19.8
6 30	20 38.01	−27 8.5	2.637	3.568	7.6	19.6
7 10	20 31.17	−27 38.7	2.590	3.573	4.9	19.4
7 20	20 23.27	−28 5.4	2.570	3.576	2.7	19.3
7 30	20 14.98	−28 25.8	2.579	3.580	3.2	19.3
8 9	20 7.07	−28 37.7	2.616	3.584	5.7	19.5
8 19	20 0.21	−28 40.5	2.680	3.587	8.3	19.7
8 29	19 54.96	−28 34.5	2.768	3.590	10.7	19.9

389226 2009 DC_{139} 7 25.2 343°.32 3°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.65	− 9 21.8	1.869	2.712	14.5	20.9
6 30	20 36.60	− 9 34.6	1.792	2.710	11.4	20.7
7 10	20 30.57	−10 1.7	1.735	2.708	7.8	20.5
7 20	20 23.12	−10 41.7	1.703	2.706	4.3	20.3
7 30	20 15.08	−11 31.5	1.697	2.704	3.3	20.2
8 9	20 7.42	−12 26.8	1.717	2.703	6.3	20.4
8 19	20 1.02	−13 22.9	1.763	2.702	9.9	20.6
8 29	19 56.60	−14 15.9	1.832	2.701	13.3	20.8

482748 2013 FK_{2} 7 25.2 108°.04 3°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.82	−27 17.7	2.354	3.217	11.2	21.5
6 30	20 37.96	−28 17.7	2.289	3.223	8.4	21.3
7 10	20 31.29	−29 18.2	2.247	3.229	5.6	21.2
7 20	20 23.35	−30 14.6	2.232	3.235	3.5	21.0
7 30	20 14.92	−31 2.1	2.246	3.241	4.2	21.1
8 9	20 6.89	−31 37.6	2.286	3.247	6.8	21.3
8 19	20 0.05	−31 59.7	2.353	3.253	9.6	21.4
8 29	19 55.05	−32 9.0	2.442	3.259	12.1	21.6

440579 2005 UW_{467} 7 25.2 325°.74 4°.1/23.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.02	−28 33.0	1.766	2.643	13.7	21.0
6 30	20 38.83	−29 9.7	1.685	2.627	10.5	20.8
7 10	20 32.19	−29 46.2	1.626	2.611	7.0	20.6
7 20	20 23.75	−30 17.1	1.591	2.596	4.4	20.4
7 30	20 14.53	−30 37.0	1.582	2.581	5.1	20.4
8 9	20 5.75	−30 42.5	1.598	2.567	8.5	20.5
8 19	19 58.53	−30 32.8	1.638	2.554	12.1	20.7
8 29	19 53.77	−30 9.3	1.699	2.541	15.4	20.9

382959 2004 XL_{17} 7 25.2 223°.51 6°.7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.39	−32 10.2	1.873	2.741	13.4	20.1
6 30	20 41.48	−34 11.9	1.807	2.739	10.5	19.9
7 10	20 33.95	−36 13.6	1.766	2.737	7.9	19.8
7 20	20 24.41	−38 5.7	1.751	2.734	6.7	19.7
7 30	20 13.90	−39 39.0	1.763	2.732	7.9	19.8
8 9	20 3.74	−40 47.9	1.801	2.729	10.5	19.9
8 19	19 55.18	−41 30.7	1.862	2.727	13.4	20.1
8 29	19 49.21	−41 49.4	1.943	2.724	16.0	20.3

234715 2002 JJ_{83} 7 25.2 154°.94 6°.1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.25	−36 22.3	2.277	3.126	12.0	21.0
6 30	20 43.74	−37 26.5	2.217	3.134	9.5	20.8
7 10	20 34.97	−38 24.4	2.181	3.142	7.3	20.7
7 20	20 24.65	−39 10.0	2.172	3.149	6.1	20.7
7 30	20 13.78	−39 38.1	2.190	3.155	6.8	20.7
8 9	20 3.49	−39 46.6	2.234	3.161	8.9	20.8
8 19	19 54.77	−39 36.4	2.302	3.166	11.2	21.0
8 29	19 48.38	−39 10.2	2.393	3.170	13.4	21.2

499609 2010 TF_{175} 7 25.2 270°.10 5°.8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.54	−29 29.4	1.567	2.442	15.2	21.3
6 30	20 43.60	−30 43.3	1.482	2.421	11.8	21.0
7 10	20 35.56	−31 59.6	1.418	2.400	8.3	20.7
7 20	20 25.07	−33 9.8	1.379	2.378	5.9	20.5
7 30	20 13.30	−34 4.8	1.365	2.356	7.0	20.6
8 9	20 1.86	−34 38.3	1.375	2.333	10.6	20.7
8 19	19 52.26	−34 48.6	1.409	2.310	14.6	20.9
8 29	19 45.72	−34 37.7	1.461	2.287	18.3	21.1

294863 2008 CL_{197} 7 25.2 359°.58 6°.1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.99	−34 42.0	1.736	2.607	14.2	19.7
6 30	20 41.76	−35 11.9	1.672	2.605	11.1	19.5
7 10	20 33.93	−35 34.8	1.630	2.604	8.2	19.3
7 20	20 24.32	−35 44.7	1.612	2.603	6.2	19.2
7 30	20 14.13	−35 37.0	1.619	2.603	6.9	19.2
8 9	20 4.71	−35 10.1	1.650	2.604	9.5	19.4
8 19	19 57.19	−34 25.9	1.705	2.606	12.6	19.6
8 29	19 52.35	−33 28.1	1.781	2.608	15.5	19.8

87567 2000 RC_{11} 7 25.2 305°.16 0°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.13	−16 5.7	1.552	2.422	15.6	19.0
6 30	20 38.48	−16 27.4	1.455	2.393	12.0	18.7
7 10	20 32.22	−17 1.4	1.378	2.365	7.8	18.4
7 20	20 23.88	−17 44.9	1.324	2.337	2.9	18.1
7 30	20 14.41	−18 33.3	1.296	2.309	2.4	17.9
8 9	20 5.10	−19 21.1	1.293	2.281	7.6	18.2
8 19	19 57.25	−20 3.7	1.313	2.253	12.5	18.4
8 29	19 51.95	−20 37.8	1.354	2.226	16.9	18.6

70106 1999 KH_{10} 7 25.2 344°.26 3°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.43	−22 34.6	1.011	1.920	18.8	18.3
6 30	20 36.62	−23 44.8	0.948	1.908	14.2	18.0
7 10	20 31.45	−25 6.6	0.903	1.898	9.1	17.7
7 20	20 23.65	−26 31.1	0.878	1.889	4.4	17.4
7 30	20 14.66	−27 47.0	0.875	1.882	5.7	17.4
8 9	20 6.34	−28 44.8	0.892	1.875	11.0	17.7
8 19	20 0.34	−29 19.8	0.930	1.871	16.2	18.0
8 29	19 57.87	−29 31.7	0.984	1.868	20.8	18.2

322359 2011 KG_{21} 7 25.2 267°.13 0°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.11	−16 19.0	1.776	2.637	14.3	20.8
6 30	20 38.72	−16 56.3	1.694	2.628	10.9	20.5
7 10	20 32.06	−17 44.5	1.633	2.619	6.9	20.3
7 20	20 23.72	−18 39.8	1.597	2.610	2.5	20.0
7 30	20 14.62	−19 37.4	1.588	2.600	2.2	19.9
8 9	20 5.87	−20 32.0	1.606	2.591	6.7	20.2
8 19	19 58.49	−21 19.5	1.648	2.582	10.9	20.4
8 29	19 53.36	−21 57.5	1.714	2.573	14.5	20.6

275314 2010 TE_{168} 7 25.2 348°.93 1°.7/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.67	−21 9.2	0.989	1.896	19.3	19.9
6 30	20 37.47	−21 28.1	0.927	1.886	14.6	19.6
7 10	20 31.91	−21 55.9	0.882	1.878	9.2	19.3
7 20	20 23.78	−22 27.1	0.857	1.871	3.4	19.0
7 30	20 14.59	−22 54.8	0.854	1.865	3.8	19.0
8 9	20 6.17	−23 13.1	0.871	1.862	9.7	19.3
8 19	20 0.12	−23 19.0	0.908	1.859	15.3	19.6
8 29	19 57.56	−23 12.1	0.962	1.859	20.0	19.9

403771 2011 EV_{40} 7 25.2 251°.06 13°.1/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.95	+11 48.0	1.329	2.092	23.2	20.8
6 30	20 40.07	+12 1.1	1.244	2.080	20.7	20.6
7 10	20 33.33	+11 34.9	1.173	2.068	17.8	20.4
7 20	20 24.29	+10 22.9	1.120	2.055	15.1	20.1
7 30	20 14.06	+ 8 22.8	1.087	2.042	13.3	20.0
8 9	20 4.08	+ 5 40.8	1.076	2.028	13.6	20.0
8 19	19 55.76	+ 2 29.7	1.089	2.014	15.9	20.1
8 29	19 50.31	− 0 53.6	1.123	2.000	19.2	20.2

469314 1999 TA_{62} 7 25.2 281°.86 8°.3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.88	−39 0.8	1.889	2.746	13.8	21.1
6 30	20 44.40	−40 17.1	1.805	2.722	11.4	20.9
7 10	20 35.95	−41 27.1	1.743	2.698	9.3	20.7
7 20	20 25.18	−42 22.2	1.706	2.673	8.3	20.6
7 30	20 13.29	−42 54.5	1.694	2.649	9.3	20.6
8 9	20 1.78	−43 0.0	1.705	2.624	11.6	20.7
8 19	19 52.10	−42 39.2	1.740	2.599	14.4	20.8
8 29	19 45.35	−41 56.0	1.793	2.574	17.1	20.9

395497 2011 UV_{89} 7 25.2 271°.08 4°.0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.49	−28 37.8	2.152	3.019	12.0	21.1
6 30	20 38.76	−29 39.0	2.078	3.013	9.1	20.9
7 10	20 31.96	−30 40.6	2.027	3.008	6.2	20.7
7 20	20 23.67	−31 37.3	2.002	3.002	4.2	20.6
7 30	20 14.73	−32 23.5	2.004	2.997	5.0	20.6
8 9	20 6.16	−32 55.7	2.033	2.991	7.7	20.8
8 19	19 58.89	−33 12.5	2.087	2.986	10.7	20.9
8 29	19 53.69	−33 14.7	2.163	2.980	13.4	21.1

57695 2001 UK_{77} 7 25.2 210°.51 0°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.30	−17 1.6	2.260	3.111	12.0	19.9
6 30	20 37.56	−17 22.4	2.180	3.109	9.1	19.7
7 10	20 31.06	−17 50.0	2.123	3.107	5.7	19.5
7 20	20 23.32	−18 22.0	2.092	3.104	2.1	19.2
7 30	20 15.07	−18 55.1	2.089	3.101	1.8	19.2
8 9	20 7.16	−19 26.2	2.114	3.099	5.4	19.4
8 19	20 0.36	−19 53.1	2.166	3.096	8.9	19.6
8 29	19 55.33	−20 14.2	2.241	3.092	11.8	19.8

20960 1971 UR 7 25.2 195°.16 2°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.92	−25 48.0	2.591	3.449	10.5	18.4
6 30	20 37.89	−26 24.2	2.514	3.447	7.9	18.2
7 10	20 31.20	−27 1.4	2.462	3.446	5.0	18.1
7 20	20 23.35	−27 35.9	2.436	3.444	2.6	17.9
7 30	20 15.05	−28 4.3	2.439	3.442	3.2	17.9
8 9	20 7.08	−28 24.1	2.471	3.439	5.9	18.1
8 19	20 0.18	−28 34.4	2.528	3.437	8.7	18.3
8 29	19 54.94	−28 35.0	2.610	3.434	11.2	18.5

181824 Königsleiten 7 25.2 300°.49 1°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.61	−15 31.2	1.436	2.307	16.6	20.4
6 30	20 39.70	−15 33.8	1.346	2.284	12.8	20.1
7 10	20 33.03	−15 47.9	1.276	2.262	8.4	19.8
7 20	20 24.18	−16 11.4	1.229	2.240	3.5	19.4
7 30	20 14.22	−16 40.6	1.206	2.218	2.7	19.3
8 9	20 4.54	−17 11.0	1.207	2.196	7.9	19.6
8 19	19 56.50	−17 38.7	1.232	2.175	12.9	19.8
8 29	19 51.21	−18 0.7	1.277	2.154	17.4	20.0

20321 Lightdonovan 7 25.2 268°.95 2°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.16	−24 31.6	1.514	2.388	15.7	19.1
6 30	20 43.04	−24 58.1	1.434	2.375	11.9	18.9
7 10	20 35.03	−25 27.8	1.375	2.363	7.6	18.6
7 20	20 24.84	−25 55.1	1.339	2.350	3.5	18.3
7 30	20 13.68	−26 14.4	1.330	2.337	4.1	18.3
8 9	20 3.04	−26 21.5	1.345	2.324	8.6	18.6
8 19	19 54.27	−26 15.6	1.384	2.311	13.1	18.8
8 29	19 48.40	−25 57.5	1.444	2.298	17.0	19.0

80627 2000 AT_{196} 7 25.3 250°.55 7°.5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.75	− 1 46.0	1.750	2.559	16.7	19.9
6 30	20 39.93	− 1 0.6	1.662	2.547	14.0	19.7
7 10	20 32.84	− 0 32.5	1.593	2.534	11.0	19.5
7 20	20 24.03	− 0 24.3	1.547	2.522	8.4	19.3
7 30	20 14.41	− 0 36.6	1.526	2.509	7.5	19.3
8 9	20 5.07	− 1 7.4	1.530	2.495	9.1	19.3
8 19	19 57.07	− 1 52.6	1.558	2.481	12.1	19.5
8 29	19 51.28	− 2 46.7	1.608	2.468	15.3	19.6

364444 2006 XF_{21} 7 25.3 152°.29 2°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.58	−23 40.7	2.457	3.315	10.9	21.2
6 30	20 37.75	−24 50.6	2.385	3.319	8.2	21.1
7 10	20 31.18	−26 4.2	2.338	3.323	5.2	20.9
7 20	20 23.37	−27 16.7	2.318	3.326	2.7	20.7
7 30	20 15.05	−28 23.1	2.328	3.329	3.4	20.8
8 9	20 7.02	−29 19.4	2.365	3.333	6.2	21.0
8 19	20 0.07	−30 3.6	2.430	3.335	9.1	21.2
8 29	19 54.84	−30 34.9	2.518	3.338	11.7	21.3

479290 2013 GD_{83} 7 25.3 53°.69 2°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.87	−24 11.7	2.147	3.013	12.0	20.4
6 30	20 37.36	−25 6.8	2.084	3.022	9.0	20.2
7 10	20 30.97	−26 4.7	2.045	3.032	5.7	20.0
7 20	20 23.30	−27 0.6	2.032	3.041	2.9	19.9
7 30	20 15.16	−27 49.9	2.047	3.051	3.5	19.9
8 9	20 7.46	−28 28.8	2.089	3.061	6.6	20.1
8 19	20 1.02	−28 55.8	2.157	3.071	9.7	20.3
8 29	19 56.50	−29 10.5	2.247	3.081	12.4	20.5

215845 2005 CS_{65} 7 25.3 206°.24 1°.6/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.03	−20 45.5	1.597	2.466	15.3	21.0
6 30	20 41.91	−21 27.9	1.524	2.463	11.5	20.8
7 10	20 34.17	−22 17.7	1.472	2.460	7.2	20.5
7 20	20 24.51	−23 9.6	1.445	2.457	2.7	20.2
7 30	20 14.04	−23 57.6	1.444	2.454	3.2	20.3
8 9	20 4.09	−24 36.4	1.469	2.450	7.7	20.5
8 19	19 55.84	−25 3.3	1.518	2.445	12.1	20.8
8 29	19 50.24	−25 17.8	1.589	2.441	15.8	21.0

348040 2003 UV_{83} 7 25.3 300°.19 1°.5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.13	−17 33.7	1.698	2.557	15.0	20.9
6 30	20 41.96	−16 59.6	1.601	2.533	11.6	20.6
7 10	20 34.24	−16 29.6	1.525	2.508	7.6	20.4
7 20	20 24.57	−16 2.8	1.473	2.483	3.2	20.0
7 30	20 13.96	−15 37.9	1.447	2.459	2.6	19.9
8 9	20 3.65	−15 14.0	1.448	2.435	7.2	20.2
8 19	19 54.84	−14 50.4	1.474	2.410	11.7	20.4
8 29	19 48.50	−14 27.0	1.522	2.386	15.8	20.6

445492 2010 VZ_{184} 7 25.3 291°.94 0°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.87	−20 28.0	2.216	3.076	11.9	21.6
6 30	20 37.43	−20 50.8	2.124	3.059	9.0	21.4
7 10	20 31.10	−21 18.5	2.056	3.043	5.6	21.1
7 20	20 23.40	−21 48.2	2.014	3.026	2.0	20.9
7 30	20 15.06	−22 16.5	1.999	3.010	2.2	20.8
8 9	20 7.00	−22 40.2	2.012	2.993	5.9	21.1
8 19	20 0.04	−22 57.4	2.050	2.977	9.4	21.3
8 29	19 54.92	−23 6.9	2.112	2.961	12.6	21.4

243765 2000 RJ_{21} 7 25.3 338°.94 5°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.08	−10 49.1	1.049	1.933	20.3	19.0
6 30	20 37.55	−10 9.5	0.979	1.920	16.1	18.7
7 10	20 31.89	− 9 46.5	0.927	1.909	11.4	18.4
7 20	20 23.82	− 9 41.7	0.893	1.898	6.7	18.2
7 30	20 14.66	− 9 54.0	0.881	1.889	5.5	18.1
8 9	20 6.07	−10 19.5	0.890	1.881	9.6	18.2
8 19	19 59.56	−10 52.7	0.919	1.874	14.7	18.5
8 29	19 56.30	−11 27.8	0.966	1.869	19.4	18.8

71281 2000 AD_{47} 7 25.3 183°.22 1°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.56	−19 45.2	2.164	3.021	12.3	19.5
6 30	20 38.66	−20 36.3	2.087	3.021	9.2	19.3
7 10	20 31.84	−21 34.0	2.035	3.021	5.7	19.1
7 20	20 23.64	−22 34.1	2.008	3.021	2.1	18.9
7 30	20 14.87	−23 31.7	2.010	3.020	2.5	18.9
8 9	20 6.45	−24 22.8	2.040	3.019	6.1	19.1
8 19	19 59.22	−25 4.4	2.096	3.018	9.5	19.3
8 29	19 53.90	−25 35.3	2.176	3.016	12.6	19.5

70707 1999 UC_{42} 7 25.3 192°.09 3°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.19	−11 14.4	1.893	2.734	14.4	19.3
6 30	20 39.23	−11 0.3	1.816	2.734	11.3	19.1
7 10	20 32.23	−10 57.1	1.760	2.734	7.7	18.9
7 20	20 23.78	−11 4.0	1.729	2.733	4.2	18.7
7 30	20 14.77	−11 19.2	1.725	2.732	3.4	18.6
8 9	20 6.18	−11 40.0	1.748	2.732	6.4	18.8
8 19	19 58.93	−12 3.5	1.796	2.731	10.0	19.0
8 29	19 53.74	−12 26.9	1.867	2.730	13.3	19.2

193470 2000 XU_{19} 7 25.3 265°.21 1°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.67	−23 0.1	1.890	2.749	13.7	19.8
6 30	20 42.85	−22 57.1	1.799	2.733	10.4	19.5
7 10	20 34.65	−22 55.6	1.731	2.717	6.6	19.3
7 20	20 24.68	−22 52.5	1.688	2.700	2.5	19.0
7 30	20 13.95	−22 44.7	1.673	2.684	2.6	18.9
8 9	20 3.63	−22 30.3	1.685	2.667	6.9	19.2
8 19	19 54.81	−22 8.9	1.723	2.650	10.9	19.4
8 29	19 48.35	−21 41.5	1.784	2.632	14.5	19.6

189539 2000 QG_{130} 7 25.3 277°.22 1°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.17	−23 13.7	1.950	2.810	13.3	19.5
6 30	20 41.89	−23 38.6	1.846	2.781	10.1	19.2
7 10	20 34.18	−24 7.4	1.766	2.752	6.4	18.9
7 20	20 24.58	−24 36.0	1.711	2.722	2.7	18.6
7 30	20 14.00	−24 59.7	1.684	2.692	3.2	18.6
8 9	20 3.59	−25 14.9	1.683	2.661	7.3	18.8
8 19	19 54.50	−25 19.7	1.708	2.629	11.3	19.0
8 29	19 47.70	−25 14.1	1.756	2.598	15.0	19.1

290310 2005 SM_{186} 7 25.3 90°.75 3°.0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.94	− 9 17.0	2.209	3.041	12.9	21.2
6 30	20 36.51	− 9 20.9	2.132	3.044	10.1	21.0
7 10	20 30.41	− 9 36.5	2.078	3.047	7.0	20.8
7 20	20 23.13	−10 2.7	2.049	3.050	4.0	20.6
7 30	20 15.39	−10 37.2	2.047	3.052	3.2	20.6
8 9	20 8.01	−11 17.0	2.072	3.055	5.6	20.8
8 19	20 1.71	−11 58.7	2.124	3.058	8.7	21.0
8 29	19 57.12	−12 39.3	2.200	3.061	11.7	21.2

363976 2005 UN_{158} 7 25.3 243°.09 6°.9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.29	+ 3 33.3	2.576	3.337	13.2	21.2
6 30	20 35.90	+ 4 3.0	2.483	3.328	11.3	21.1
7 10	20 30.00	+ 4 16.9	2.410	3.317	9.3	20.9
7 20	20 23.01	+ 4 13.4	2.361	3.307	7.6	20.8
7 30	20 15.53	+ 3 52.3	2.338	3.296	6.9	20.7
8 9	20 8.25	+ 3 15.3	2.341	3.285	7.6	20.8
8 19	20 1.83	+ 2 25.4	2.369	3.274	9.3	20.9
8 29	19 56.85	+ 1 26.9	2.422	3.263	11.4	21.0

279445 2010 RE_{51} 7 25.3 277°.25 4°.1/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.01	− 5 44.8	2.275	3.092	13.1	21.0
6 30	20 35.88	− 5 44.4	2.184	3.083	10.5	20.8
7 10	20 30.07	− 5 57.9	2.116	3.073	7.7	20.6
7 20	20 23.05	− 6 24.7	2.072	3.063	5.1	20.4
7 30	20 15.49	− 7 3.4	2.055	3.054	4.2	20.4
8 9	20 8.18	− 7 50.9	2.065	3.044	6.1	20.5
8 19	20 1.84	− 8 43.5	2.102	3.034	8.9	20.6
8 29	19 57.14	− 9 37.4	2.162	3.024	11.8	20.8

167460 2003 YO_{7} 7 25.3 222°.69 8°.6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 51.30	−42 48.3	2.395	3.231	11.9	19.7
6 30	20 45.22	−44 53.9	2.329	3.222	10.2	19.5
7 10	20 36.42	−46 52.4	2.287	3.212	8.9	19.4
7 20	20 25.43	−48 34.8	2.272	3.202	8.7	19.4
7 30	20 13.26	−49 53.6	2.283	3.192	9.6	19.4
8 9	20 1.26	−50 44.9	2.320	3.180	11.3	19.5
8 19	19 50.72	−51 8.8	2.378	3.169	13.2	19.7
8 29	19 42.77	−51 8.5	2.456	3.157	15.0	19.8

200253 1999 VN_{184} 7 25.3 180°.87 4°.8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.10	−33 24.1	2.538	3.388	10.9	21.4
6 30	20 41.97	−34 23.3	2.468	3.390	8.5	21.2
7 10	20 33.87	−35 19.1	2.422	3.390	6.2	21.1
7 20	20 24.38	−36 6.0	2.404	3.390	4.9	21.0
7 30	20 14.33	−36 39.8	2.413	3.390	5.6	21.0
8 9	20 4.69	−36 57.8	2.450	3.389	7.6	21.1
8 19	19 56.33	−36 59.9	2.513	3.387	10.0	21.3
8 29	19 49.94	−36 47.8	2.598	3.384	12.3	21.5

71553 2000 DD_8 7 25.3 241°.91 0°.2/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.02	−17 28.4	2.598	3.446	10.7	20.0
6 30	20 36.47	−17 49.0	2.511	3.439	8.1	19.8
7 10	20 30.36	−18 15.4	2.448	3.431	5.1	19.6
7 20	20 23.16	−18 45.4	2.412	3.424	1.8	19.4
7 30	20 15.50	−19 16.2	2.404	3.416	1.6	19.4
8 9	20 8.09	−19 45.2	2.424	3.408	4.9	19.6
8 19	20 1.62	−20 10.3	2.472	3.400	8.0	19.8
8 29	19 56.66	−20 30.2	2.544	3.392	10.7	20.0

44398 1998 SD_{75} 7 25.3 238°.07 3°.7/27.6 18

6 20	20 42.05	− 7 17.4	2.167	2.991	13.4	19.8
6 30	20 37.51	− 7 22.5	2.078	2.982	10.7	19.6
7 10	20 31.15	− 7 41.2	2.010	2.973	7.6	19.4
7 20	20 23.48	− 8 12.9	1.967	2.963	4.7	19.2
7 30	20 15.20	− 8 55.5	1.951	2.953	3.8	19.2
8 9	20 7.19	− 9 45.5	1.962	2.943	6.1	19.3
8 19	20 0.24	−10 39.1	2.000	2.933	9.3	19.5
8 29	19 55.05	−11 32.3	2.062	2.923	12.4	19.6

310650 2002 CR_{310} 7 25.3 104°.73 0°.9/24.8 17

6 20	20 45.92	−17 56.1	1.414	2.286	16.7	20.4
6 30	20 41.25	−18 50.2	1.351	2.292	12.6	20.2
7 10	20 33.85	−19 56.0	1.309	2.297	7.8	19.9
7 20	20 24.48	−21 7.3	1.290	2.303	2.7	19.7
7 30	20 14.33	−22 16.8	1.297	2.308	2.9	19.7
8 9	20 4.82	−23 17.7	1.329	2.313	7.9	20.0
8 19	19 57.18	−24 5.8	1.385	2.319	12.5	20.3
8 29	19 52.34	−24 39.5	1.462	2.324	16.4	20.5

124200 2001 OM_{81} 7 25.3 293°.03 2°.9/26.8 18 R

6 20	20 44.09	−10 15.8	1.711	2.555	15.5	19.4
6 30	20 39.91	−10 33.9	1.596	2.517	12.4	19.1
7 10	20 33.20	−11 8.9	1.502	2.478	8.5	18.7
7 20	20 24.38	−11 59.9	1.432	2.438	4.4	18.4
7 30	20 14.27	−13 4.0	1.388	2.398	3.3	18.2
8 9	20 4.07	−14 15.8	1.370	2.357	7.4	18.4
8 19	19 55.02	−15 29.3	1.378	2.316	12.2	18.6
8 29	19 48.28	−16 39.0	1.407	2.275	16.6	18.7

337180 1999 VK_{102} 7 25.3 281°.49 6°.5/21.3 18

6 20	20 46.60	−33 14.0	1.820	2.689	13.7	20.5
6 30	20 41.76	−34 29.1	1.742	2.674	10.8	20.3
7 10	20 34.23	−35 42.1	1.687	2.659	8.0	20.1
7 20	20 24.66	−36 45.2	1.656	2.645	6.5	20.0
7 30	20 14.14	−37 31.2	1.651	2.630	7.5	20.0
8 9	20 4.02	−37 55.4	1.672	2.615	10.2	20.2
8 19	19 55.57	−37 57.3	1.715	2.600	13.4	20.3
8 29	19 49.79	−37 39.1	1.778	2.585	16.3	20.5

315024 2007 BA_{64} 7 25.3 121°.09 0°.7/25.7 18

6 20	20 42.69	−16 26.5	2.487	3.332	11.3	21.3
6 30	20 37.64	−16 34.3	2.416	3.341	8.5	21.1
7 10	20 31.03	−16 47.8	2.368	3.350	5.4	20.9
7 20	20 23.38	−17 5.3	2.347	3.358	2.1	20.7
7 30	20 15.37	−17 24.3	2.355	3.367	1.6	20.7
8 9	20 7.74	−17 42.7	2.391	3.375	4.9	20.9
8 19	20 1.16	−17 58.6	2.454	3.384	8.0	21.2
8 29	19 56.19	−18 10.9	2.542	3.391	10.7	21.4

401473 2013 CY_{187} 7 25.3 206°.75 1°.1/26.1 18

6 20	20 41.35	−13 24.5	2.314	3.156	12.1	21.6
6 30	20 36.87	−13 58.4	2.231	3.154	9.2	21.5
7 10	20 30.70	−14 42.3	2.172	3.151	6.0	21.2
7 20	20 23.31	−15 33.7	2.139	3.149	2.5	21.0
7 30	20 15.40	−16 29.1	2.134	3.146	1.8	21.0
8 9	20 7.79	−17 24.5	2.158	3.143	5.2	21.2
8 19	20 1.20	−18 16.5	2.208	3.140	8.6	21.4
8 29	19 56.28	−19 2.5	2.283	3.137	11.6	21.6

434238 2003 SK_{335} 7 25.3 312°.93 1°.4/24.5 18

6 20	20 41.73	−20 7.2	1.546	2.424	15.2	20.8
6 30	20 38.21	−20 47.0	1.457	2.401	11.6	20.5
7 10	20 32.10	−21 36.4	1.389	2.379	7.3	20.2
7 20	20 23.95	−22 30.7	1.344	2.357	2.7	19.9
7 30	20 14.76	−23 23.8	1.324	2.335	3.1	19.9
8 9	20 5.85	−24 9.7	1.330	2.314	8.0	20.1
8 19	19 58.47	−24 44.6	1.359	2.293	12.6	20.3
8 29	19 53.68	−25 6.5	1.408	2.273	16.7	20.5

246519 2008 DV_{46} 7 25.3 38°.16 6°.3/30.2 18

6 20	20 39.27	+ 1 2.6	2.082	2.875	14.9	19.9
6 30	20 35.38	+ 0 59.7	2.007	2.880	12.5	19.8
7 10	20 29.77	+ 0 37.0	1.952	2.885	9.8	19.6
7 20	20 22.98	− 0 5.7	1.921	2.891	7.4	19.5
7 30	20 15.71	− 1 6.5	1.915	2.897	6.3	19.4
8 9	20 8.80	− 2 21.3	1.935	2.903	7.3	19.5
8 19	20 2.99	− 3 44.8	1.981	2.909	9.7	19.6
8 29	19 58.89	− 5 11.1	2.051	2.915	12.3	19.8

317045 2001 RP_{130} 7 25.3 358°.76 2°.0/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.76	−21 30.5	1.133	2.031	18.0	20.1
6 30	20 37.95	−22 1.8	1.073	2.028	13.6	19.9
7 10	20 32.06	−22 41.2	1.031	2.025	8.5	19.6
7 20	20 23.92	−23 22.8	1.011	2.024	3.3	19.3
7 30	20 14.89	−23 59.5	1.013	2.024	3.8	19.3
8 9	20 6.62	−24 25.7	1.038	2.025	9.1	19.6
8 19	20 0.50	−24 38.6	1.083	2.028	14.1	19.9
8 29	19 57.54	−24 37.8	1.148	2.032	18.4	20.2

147396 2003 EQ_{62} 7 25.3 201°.55 2°.2/27.1 18

6 20	20 41.11	− 9 21.6	2.538	3.362	11.7	20.5
6 30	20 36.54	− 9 53.6	2.450	3.359	9.1	20.3
7 10	20 30.43	−10 37.3	2.386	3.356	6.2	20.1
7 20	20 23.21	−11 30.8	2.349	3.352	3.3	19.9
7 30	20 15.52	−12 31.3	2.340	3.348	2.4	19.8
8 9	20 8.06	−13 35.0	2.360	3.344	5.0	20.0
8 19	20 1.51	−14 38.2	2.407	3.339	8.0	20.2
8 29	19 56.45	−15 37.6	2.480	3.334	10.8	20.4

279474 2010 VX_{62} 7 25.3 273°.86 2°.3/26.1 18

6 20	20 46.51	−14 32.9	1.534	2.393	16.3	20.7
6 30	20 41.64	−14 16.2	1.450	2.381	12.6	20.4
7 10	20 34.13	−14 9.2	1.387	2.368	8.4	20.2
7 20	20 24.63	−14 10.8	1.347	2.356	3.9	19.9
7 30	20 14.24	−14 18.7	1.332	2.343	3.0	19.8
8 9	20 4.26	−14 30.0	1.343	2.331	7.5	20.0
8 19	19 55.93	−14 41.9	1.378	2.318	12.1	20.3
8 29	19 50.23	−14 52.2	1.435	2.305	16.2	20.5

232523 2003 SU_1 7 25.3 270°.20 2°.6/24.1 18

6 20	20 46.31	−25 7.9	1.819	2.687	13.7	20.1
6 30	20 41.12	−25 33.2	1.745	2.683	10.4	19.9
7 10	20 33.58	−26 0.0	1.693	2.680	6.6	19.7
7 20	20 24.38	−26 23.9	1.667	2.676	3.1	19.5
7 30	20 14.52	−26 40.3	1.667	2.673	3.7	19.5
8 9	20 5.19	−26 46.4	1.693	2.669	7.4	19.7
8 19	19 57.43	−26 41.3	1.744	2.666	11.1	19.9
8 29	19 52.05	−26 25.8	1.817	2.662	14.5	20.1

494933 2009 BO_2 7 25.3 147°.74 6°.8/20.6 17

6 20	20 54.52	−22 49.0	1.200	2.077	18.8	21.5
6 30	20 48.83	−26 9.9	1.143	2.086	14.2	21.3
7 10	20 39.30	−29 46.6	1.109	2.094	9.5	21.1
7 20	20 26.64	−33 19.9	1.102	2.102	6.8	20.9
7 30	20 12.38	−36 28.4	1.122	2.109	8.9	21.1
8 9	19 58.62	−38 57.4	1.169	2.115	13.3	21.3
8 19	19 47.36	−40 42.2	1.238	2.120	17.6	21.6
8 29	19 40.06	−41 47.0	1.325	2.125	21.2	21.9

66001 1998 OG_1 7 25.3 129°.51 1°.3/25.9 18

6 20	20 47.66	−16 23.5	2.001	2.847	13.6	18.5
6 30	20 41.67	−16 6.5	1.931	2.855	10.3	18.3
7 10	20 33.69	−15 55.4	1.883	2.864	6.6	18.1
7 20	20 24.37	−15 48.9	1.861	2.871	2.8	17.8
7 30	20 14.60	−15 45.0	1.867	2.879	2.2	17.8
8 9	20 5.38	−15 42.2	1.901	2.886	5.9	18.1
8 19	19 57.57	−15 39.0	1.962	2.893	9.5	18.3
8 29	19 51.84	−15 34.5	2.046	2.900	12.7	18.5

359841 2011 UX_{342} 7 25.3 193°.26 3°.2/23.0 18

6 20	20 44.63	−28 41.0	2.656	3.511	10.3	21.9
6 30	20 39.23	−29 22.3	2.579	3.509	7.8	21.7
7 10	20 32.13	−30 2.8	2.527	3.507	5.3	21.6
7 20	20 23.83	−30 38.6	2.503	3.504	3.3	21.4
7 30	20 15.05	−31 6.0	2.506	3.501	3.9	21.5
8 9	20 6.62	−31 22.8	2.538	3.498	6.3	21.6
8 19	19 59.27	−31 28.1	2.597	3.494	8.9	21.8
8 29	19 53.62	−31 22.6	2.678	3.490	11.3	22.0

342118 2008 SA_{102} 7 25.3 328°.64 8°.8/21.1 18

6 20	20 45.81	−36 13.6	1.378	2.261	16.4	19.7
6 30	20 41.94	−37 24.7	1.308	2.245	13.2	19.5
7 10	20 34.72	−38 29.6	1.259	2.230	10.3	19.3
7 20	20 24.93	−39 18.5	1.231	2.215	8.8	19.2
7 30	20 14.02	−39 42.2	1.226	2.201	9.9	19.2
8 9	20 3.79	−39 36.5	1.243	2.188	12.8	19.3
8 19	19 55.84	−39 2.7	1.281	2.176	16.2	19.5
8 29	19 51.34	−38 5.6	1.337	2.165	19.5	19.7

388723 2007 VQ_{175} 7 25.3 330°.04 0°.5/25.6 18

6 20	20 42.15	−16 33.3	1.737	2.601	14.5	21.1
6 30	20 38.02	−16 53.9	1.659	2.595	11.0	20.9
7 10	20 31.69	−17 24.0	1.604	2.590	7.0	20.6
7 20	20 23.74	−18 0.5	1.573	2.585	2.6	20.3
7 30	20 15.12	−18 39.4	1.568	2.580	2.1	20.3
8 9	20 6.91	−19 16.5	1.589	2.576	6.6	20.6
8 19	20 0.13	−19 48.3	1.634	2.572	10.7	20.8
8 29	19 55.57	−20 12.9	1.702	2.568	14.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
437778 2015 BN_{304}			7 25.3 65°.75	7°.7/22.1 17		
	h m	° ′			°	m
6 20	20 52.11	−37 29.1	1.619	2.484	15.3	20.4
6 30	20 45.79	−38 21.4	1.573	2.497	12.2	20.2
7 10	20 36.56	−39 3.9	1.547	2.511	9.4	20.1
7 20	20 25.40	−39 28.6	1.545	2.525	7.8	20.0
7 30	20 13.75	−39 30.1	1.568	2.539	8.5	20.1
8 9	20 3.16	−39 7.5	1.615	2.554	10.8	20.3
8 19	19 54.86	−38 23.6	1.685	2.568	13.6	20.5
8 29	19 49.61	−37 23.7	1.775	2.582	16.3	20.7
373312 2012 JK_{7}			7 25.3 179°.95	2°.6/26.5 17		
6 20	20 46.29	−12 36.8	1.673	2.522	15.6	21.5
6 30	20 41.11	−12 29.6	1.599	2.523	12.1	21.3
7 10	20 33.59	−12 33.9	1.546	2.523	8.1	21.0
7 20	20 24.40	−12 48.3	1.517	2.524	4.0	20.8
7 30	20 14.55	−13 10.0	1.514	2.523	3.1	20.7
8 9	20 5.20	−13 35.8	1.537	2.523	6.9	21.0
8 19	19 57.39	−14 2.3	1.585	2.522	11.0	21.2
8 29	19 51.96	−14 26.7	1.656	2.521	14.6	21.4
132972 2002 TW_{164}			7 25.3 196°.30	16°.3/ 5.5 18		
6 20	20 45.27	+17 26.7	1.344	2.068	24.7	20.2
6 30	20 41.00	+18 16.8	1.273	2.067	22.6	20.0
7 10	20 33.89	+18 27.5	1.215	2.065	20.3	19.8
7 20	20 24.62	+17 50.8	1.172	2.063	18.1	19.7
7 30	20 14.32	+16 23.1	1.147	2.060	16.6	19.6
8 9	20 4.48	+14 7.9	1.141	2.057	16.4	19.5
8 19	19 56.42	+11 16.1	1.157	2.053	17.6	19.6
8 29	19 51.24	+ 8 2.9	1.193	2.049	19.8	19.7
218150 2002 RC_{106}			7 25.3 309°.94	10°.1/20.3 18		R
6 20	20 48.38	−37 20.6	1.314	2.196	17.1	19.3
6 30	20 44.49	−38 42.8	1.230	2.164	14.1	19.0
7 10	20 36.76	−40 0.7	1.166	2.133	11.4	18.8
7 20	20 25.82	−41 2.1	1.122	2.102	10.1	18.6
7 30	20 13.16	−41 35.1	1.101	2.071	11.3	18.6
8 9	20 0.88	−41 33.0	1.101	2.041	14.6	18.7
8 19	19 51.02	−40 56.1	1.120	2.011	18.4	18.8
8 29	19 45.12	−39 50.3	1.156	1.982	22.1	19.0
287278 2002 TZ_{168}			7 25.3 356°.03	1°.3/25.6 18		
6 20	20 45.70	−19 27.9	1.373	2.250	16.8	19.4
6 30	20 41.10	−18 39.5	1.303	2.245	12.8	19.2
7 10	20 33.76	−17 54.2	1.253	2.241	8.2	18.9
7 20	20 24.49	−17 11.4	1.227	2.239	3.2	18.6
7 30	20 14.53	−16 30.4	1.225	2.237	2.7	18.6
8 9	20 5.29	−15 51.0	1.248	2.237	7.6	18.9
8 19	19 57.98	−15 13.4	1.294	2.238	12.3	19.1
8 29	19 53.47	−14 37.8	1.360	2.239	16.4	19.4
436230 2010 AE_{54}			7 25.3 111°.27	2°.3/26.6 17		
6 20	20 44.97	−11 51.9	2.015	2.853	13.8	21.7
6 30	20 39.63	−11 55.8	1.950	2.868	10.6	21.5
7 10	20 32.41	−12 10.2	1.908	2.882	7.1	21.3
7 20	20 23.93	−12 33.4	1.890	2.896	3.6	21.1
7 30	20 15.04	−13 2.7	1.900	2.910	2.7	21.1
8 9	20 6.65	−13 34.9	1.938	2.923	5.8	21.3
8 19	19 59.57	−14 6.9	2.002	2.936	9.2	21.6
8 29	19 54.45	−14 36.4	2.090	2.948	12.3	21.8
301772 2010 JK_{120}			7 25.3 353°.85	3°.0/27.0 18		
6 20	20 33.98	−10 9.3	1.211	2.093	18.2	19.4
6 30	20 32.58	−10 36.6	1.141	2.082	14.3	19.1
7 10	20 28.63	−11 25.8	1.089	2.074	9.7	18.8
7 20	20 22.75	−12 34.6	1.059	2.067	4.9	18.5
7 30	20 16.02	−13 57.1	1.051	2.062	3.4	18.4
8 9	20 9.77	−15 24.9	1.066	2.059	7.8	18.7
8 19	20 5.22	−16 49.6	1.102	2.058	12.7	18.9
8 29	20 3.35	−18 4.3	1.159	2.059	17.0	19.2
263517 2008 ES_{147}			7 25.3 34°.55	0°.8/24.9 17		
6 20	20 42.45	−20 13.3	1.921	2.786	13.2	21.0
6 30	20 37.95	−20 35.7	1.856	2.793	9.9	20.8
7 10	20 31.47	−21 3.3	1.813	2.800	6.2	20.6
7 20	20 23.63	−21 32.6	1.796	2.808	2.2	20.4
7 30	20 15.31	−22 0.0	1.805	2.816	2.3	20.4
8 9	20 7.50	−22 22.1	1.841	2.825	6.2	20.7
8 19	20 1.06	−22 37.2	1.903	2.833	9.8	20.9
8 29	19 56.67	−22 44.5	1.987	2.842	13.0	21.1
18498 Cesaro			7 25.3 351°.63	4°.2/26.5 18		R
6 20	20 42.97	−13 11.4	1.073	1.957	19.9	17.9
6 30	20 39.66	−12 24.0	1.008	1.951	15.6	17.6
7 10	20 33.19	−11 49.4	0.961	1.946	10.7	17.3
7 20	20 24.39	−11 28.4	0.935	1.942	5.8	17.1
7 30	20 14.64	−11 20.3	0.930	1.939	4.7	17.0
8 9	20 5.61	−11 22.3	0.947	1.937	9.2	17.2
8 19	19 58.77	−11 31.0	0.985	1.937	14.3	17.5
8 29	19 55.15	−11 42.3	1.041	1.938	18.8	17.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
116058 2003 WB_{108}			7 25.3 104°.21	2°.3/26.2 18		
	h m	° ′			°	m
6 20	20 47.88	−14 21.9	1.482	2.340	16.8	19.9
6 30	20 42.50	−14 5.5	1.416	2.346	12.9	19.7
7 10	20 34.54	−13 59.4	1.371	2.352	8.5	19.4
7 20	20 24.77	−14 2.3	1.349	2.357	3.9	19.2
7 30	20 14.35	−14 11.5	1.352	2.363	3.0	19.1
8 9	20 4.62	−14 23.8	1.381	2.368	7.3	19.4
8 19	19 56.70	−14 36.7	1.434	2.374	11.7	19.7
8 29	19 51.44	−14 47.8	1.509	2.379	15.6	19.9
255513 2006 BO_{185}			7 25.3 223°.82	1°.4/26.4 18		
6 20	20 40.78	−13 5.7	2.719	3.553	10.7	21.2
6 30	20 36.23	−13 20.8	2.629	3.547	8.2	21.0
7 10	20 30.23	−13 43.8	2.564	3.539	5.4	20.8
7 20	20 23.20	−14 13.1	2.524	3.532	2.5	20.6
7 30	20 15.72	−14 46.6	2.514	3.524	1.9	20.6
8 9	20 8.47	−15 21.5	2.532	3.516	4.6	20.7
8 19	20 2.08	−15 55.6	2.578	3.508	7.6	20.9
8 29	19 57.10	−16 26.8	2.648	3.500	10.2	21.1
217180 2002 RT_{99}			7 25.3 298°.88	3°.1/26.8 17		
6 20	20 42.51	−10 58.5	1.445	2.305	17.1	20.5
6 30	20 38.95	−11 4.5	1.350	2.280	13.5	20.2
7 10	20 32.70	−11 27.4	1.275	2.254	9.3	19.9
7 20	20 24.27	−12 6.3	1.222	2.229	4.8	19.6
7 30	20 14.67	−12 58.0	1.194	2.204	3.6	19.4
8 9	20 5.23	−13 57.0	1.190	2.179	7.9	19.6
8 19	19 57.30	−14 57.4	1.209	2.154	12.9	19.8
8 29	19 52.02	−15 53.8	1.248	2.129	17.4	20.0
6302 Tengukogen			7 25.3 122°.70	0°.7/25.8 18		R
6 20	20 43.85	−13 35.9	1.919	2.767	14.0	17.7
6 30	20 39.03	−14 28.9	1.850	2.776	10.6	17.5
7 10	20 32.19	−15 34.2	1.803	2.785	6.8	17.3
7 20	20 23.92	−16 47.8	1.782	2.793	2.6	17.1
7 30	20 15.09	−18 4.2	1.789	2.801	1.9	17.0
8 9	20 6.69	−19 18.0	1.824	2.809	6.0	17.3
8 19	19 59.61	−20 24.5	1.885	2.817	9.8	17.6
8 29	19 54.57	−21 21.0	1.969	2.824	13.1	17.8
288807 2004 RW_{164}			7 25.3 126°.87	20°.2/12.8 18		
6 20	21 5.00	+31 41.2	1.236	1.833	31.7	21.6
6 30	20 55.81	+31 50.6	1.185	1.866	29.4	21.5
7 10	20 43.00	+31 4.1	1.141	1.896	26.8	21.4
7 20	20 27.73	+29 11.1	1.109	1.924	24.0	21.3
7 30	20 11.86	+26 7.7	1.094	1.948	21.7	21.2
8 9	19 57.40	+22 3.3	1.100	1.970	20.4	21.2
8 19	19 45.94	+17 18.1	1.131	1.990	20.5	21.3
8 29	19 38.41	+12 18.1	1.185	2.007	21.9	21.4
121636 1999 VT_{208}			7 25.3 302°.33	0°.2/25.2 18		
6 20	20 42.02	−19 3.1	2.133	2.992	12.4	20.7
6 30	20 37.60	−19 18.8	2.048	2.982	9.3	20.4
7 10	20 31.29	−19 40.3	1.986	2.971	5.9	20.2
7 20	20 23.62	−20 4.7	1.949	2.962	2.1	19.9
7 30	20 15.36	−20 29.0	1.940	2.952	1.9	19.9
8 9	20 7.43	−20 50.1	1.958	2.942	5.8	20.2
8 19	20 0.66	−21 6.1	2.001	2.932	9.4	20.4
8 29	19 55.75	−21 15.7	2.069	2.923	12.6	20.6
485144 2010 OC_{99}			7 25.3 293°.96	1°.0/24.8 17		
6 20	20 44.32	−21 54.5	2.167	3.026	12.2	22.1
6 30	20 39.46	−22 3.8	2.066	3.000	9.3	21.9
7 10	20 32.56	−22 16.3	1.987	2.973	5.8	21.6
7 20	20 24.11	−22 29.1	1.935	2.947	2.2	21.3
7 30	20 14.92	−22 39.1	1.910	2.920	2.3	21.3
8 9	20 5.95	−22 43.9	1.912	2.894	6.2	21.5
8 19	19 58.13	−22 42.0	1.941	2.867	9.9	21.7
8 29	19 52.26	−22 33.1	1.993	2.841	13.2	21.8
24890 Amaliafinzi			7 25.3 153°.12	2°.6/26.9 18		
6 20	20 42.97	−10 44.3	2.430	3.258	12.0	19.2
6 30	20 37.92	−10 35.7	2.353	3.263	9.4	19.0
7 10	20 31.29	−10 36.1	2.298	3.267	6.4	18.9
7 20	20 23.58	−10 44.7	2.269	3.271	3.6	18.7
7 30	20 15.46	−11 0.0	2.269	3.275	2.9	18.7
8 9	20 7.68	−11 19.8	2.296	3.278	5.3	18.8
8 19	20 0.94	−11 41.8	2.351	3.282	8.2	19.0
8 29	19 55.80	−12 3.9	2.430	3.285	10.9	19.2
341915 2008 KA_{2}			7 25.3 97°.64	2°.1/23.8 17		
6 20	20 43.06	−23 28.9	2.421	3.278	11.1	20.9
6 30	20 38.08	−24 21.5	2.360	3.294	8.3	20.7
7 10	20 31.42	−25 16.8	2.324	3.309	5.2	20.6
7 20	20 23.63	−26 10.4	2.315	3.324	2.4	20.4
7 30	20 15.44	−26 58.4	2.334	3.339	3.0	20.5
8 9	20 7.66	−27 37.5	2.381	3.353	5.9	20.7
8 19	20 1.01	−28 6.1	2.455	3.367	8.7	20.9
8 29	19 56.10	−28 24.0	2.553	3.382	11.3	21.1

128843 2004 RH_{341} 7 25.3 155°.96 1°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.76	−17 2.6	2.552	3.392	11.1	19.8
6 30	20 39.19	−16 46.4	2.473	3.395	8.5	19.6
7 10	20 32.04	−16 34.3	2.418	3.398	5.4	19.4
7 20	20 23.84	−16 25.3	2.390	3.400	2.2	19.2
7 30	20 15.26	−16 17.9	2.391	3.403	1.7	19.2
8 9	20 7.07	−16 10.9	2.421	3.405	4.9	19.4
8 19	19 59.93	−16 3.5	2.478	3.407	7.9	19.6
8 29	19 54.41	−15 54.8	2.561	3.409	10.6	19.8

218293 2003 PP_{11} 7 25.3 336°.42 5°.7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.57	− 7 27.9	1.956	2.781	14.6	19.2
6 30	20 39.55	− 6 15.3	1.871	2.772	11.9	19.0
7 10	20 32.54	− 5 12.3	1.807	2.763	8.9	18.8
7 20	20 24.08	− 4 20.9	1.768	2.754	6.4	18.6
7 30	20 15.02	− 3 42.6	1.755	2.746	5.8	18.6
8 9	20 6.31	− 3 17.5	1.769	2.739	7.7	18.7
8 19	19 58.85	− 3 4.3	1.808	2.732	10.7	18.8
8 29	19 53.38	− 3 0.6	1.870	2.725	13.6	19.0

99834 2002 NX_{19} 7 25.3 29°.92 2°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.54	−16 35.2	1.463	2.328	16.6	18.3
6 30	20 42.14	−15 46.7	1.404	2.338	12.7	18.1
7 10	20 34.23	−15 4.7	1.365	2.348	8.3	17.9
7 20	20 24.65	−14 29.0	1.351	2.360	3.8	17.7
7 30	20 14.60	−13 59.0	1.361	2.372	3.1	17.7
8 9	20 5.36	−13 33.8	1.398	2.385	7.3	17.9
8 19	19 58.00	−13 12.4	1.458	2.398	11.5	18.2
8 29	19 53.27	−12 53.7	1.540	2.412	15.2	18.5

468028 2013 PS_{1} 7 25.3 86°.83 4°.5/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.36	− 8 27.8	1.485	2.330	17.4	21.4
6 30	20 40.59	− 8 12.3	1.419	2.337	13.8	21.2
7 10	20 33.37	− 8 13.4	1.373	2.343	9.7	21.0
7 20	20 24.40	− 8 30.6	1.350	2.350	5.9	20.8
7 30	20 14.78	− 9 1.4	1.351	2.356	4.7	20.7
8 9	20 5.77	− 9 41.5	1.378	2.362	7.7	20.9
8 19	19 58.44	−10 26.1	1.428	2.368	11.7	21.2
8 29	19 53.63	−11 10.5	1.500	2.375	15.4	21.4

58039 2002 VC_{113} 7 25.3 26°.12 0°.9/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.14	−16 29.3	1.171	2.056	18.5	18.5
6 30	20 39.44	−16 38.8	1.118	2.064	14.1	18.2
7 10	20 32.85	−17 0.5	1.084	2.074	8.9	18.0
7 20	20 24.24	−17 30.5	1.072	2.084	3.4	17.7
7 30	20 14.96	−18 3.7	1.083	2.095	2.6	17.7
8 9	20 6.54	−18 34.7	1.117	2.108	8.0	18.0
8 19	20 0.23	−18 59.9	1.173	2.121	12.9	18.3
8 29	19 56.88	−19 16.9	1.249	2.134	17.1	18.6

434782 2006 MR_{11} 7 25.3 19°.71 4°.4/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.91	−26 18.3	1.703	2.579	14.1	21.1
6 30	20 39.61	−27 46.1	1.639	2.580	10.7	20.9
7 10	20 32.84	−29 17.7	1.597	2.582	7.1	20.7
7 20	20 24.25	−30 45.2	1.580	2.584	4.6	20.6
7 30	20 14.89	−32 0.8	1.590	2.586	5.6	20.6
8 9	20 6.01	−32 58.6	1.626	2.588	8.9	20.8
8 19	19 58.74	−33 36.5	1.686	2.591	12.4	21.0
8 29	19 53.97	−33 55.0	1.766	2.594	15.5	21.3

118195 1994 SP_{7} 7 25.3 163°.65 0°.4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.68	−19 20.5	2.476	3.326	11.1	20.7
6 30	20 37.78	−19 43.2	2.399	3.329	8.3	20.5
7 10	20 31.25	−20 10.6	2.347	3.331	5.2	20.3
7 20	20 23.59	−20 39.9	2.321	3.333	1.8	20.1
7 30	20 15.50	−21 8.3	2.324	3.335	1.8	20.1
8 9	20 7.76	−21 33.2	2.355	3.337	5.1	20.3
8 19	20 1.06	−21 52.6	2.413	3.338	8.3	20.5
8 29	19 56.00	−22 5.8	2.495	3.340	11.0	20.7

168053 2006 BT_{95} 7 25.3 45°.90 0°.5/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.46	−17 13.2	1.073	1.960	19.7	20.0
6 30	20 42.03	−17 25.5	1.029	1.976	14.9	19.8
7 10	20 34.46	−17 49.7	1.003	1.993	9.3	19.5
7 20	20 24.78	−18 21.1	0.998	2.011	3.4	19.2
7 30	20 14.53	−18 53.7	1.016	2.029	2.7	19.3
8 9	20 5.36	−19 22.2	1.058	2.048	8.4	19.7
8 19	19 58.59	−19 43.3	1.120	2.067	13.5	20.0
8 29	19 55.04	−19 55.5	1.203	2.087	17.7	20.3

233404 2006 FT_{46} 7 25.3 37°.52 5°.1/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.71	− 4 34.0	1.390	2.234	18.5	19.2
6 30	20 37.08	− 4 55.2	1.339	2.253	14.7	19.0
7 10	20 31.11	− 5 39.6	1.307	2.273	10.6	18.8
7 20	20 23.58	− 6 45.2	1.297	2.293	6.7	18.7
7 30	20 15.55	− 8 6.6	1.311	2.315	5.1	18.6
8 9	20 8.20	− 9 36.3	1.350	2.336	7.6	18.8
8 19	20 2.54	−11 6.7	1.413	2.359	11.3	19.1
8 29	19 59.28	−12 30.9	1.498	2.382	14.9	19.4

75308 Shoin 7 25.3 300°.07 4°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.97	−24 54.9	1.406	2.290	16.1	18.4
6 30	20 40.97	−26 0.7	1.331	2.278	12.2	18.1
7 10	20 34.01	−27 12.9	1.277	2.266	8.0	17.9
7 20	20 24.75	−28 23.7	1.246	2.254	4.4	17.6
7 30	20 14.41	−29 24.4	1.239	2.242	5.5	17.7
8 9	20 4.53	−30 8.5	1.257	2.231	9.7	17.9
8 19	19 56.55	−30 33.0	1.297	2.219	14.1	18.1
8 29	19 51.57	−30 38.5	1.357	2.209	18.0	18.3

261842 2006 DE_{93} 7 25.3 48°.38 3°.6/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.78	−10 13.8	1.095	1.968	20.4	20.1
6 30	20 40.63	−10 21.5	1.051	1.986	15.8	19.9
7 10	20 33.54	−10 49.6	1.024	2.005	10.7	19.6
7 20	20 24.46	−11 35.1	1.018	2.025	5.5	19.4
7 30	20 14.81	−12 32.3	1.036	2.046	4.0	19.4
8 9	20 6.15	−13 33.7	1.076	2.066	8.3	19.7
8 19	19 59.71	−14 32.6	1.138	2.088	13.0	20.0
8 29	19 56.31	−15 24.2	1.220	2.109	17.2	20.4

477893 2011 KL_{1} 7 25.3 32°.72 3°.1/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.43	−22 58.5	1.522	2.401	15.3	20.3
6 30	20 39.33	−24 10.1	1.462	2.407	11.5	20.0
7 10	20 32.68	−25 28.1	1.424	2.413	7.3	19.8
7 20	20 24.19	−26 45.2	1.410	2.420	3.6	19.6
7 30	20 14.98	−27 53.7	1.422	2.427	4.5	19.7
8 9	20 6.38	−28 47.7	1.459	2.435	8.4	19.9
8 19	19 59.54	−29 24.4	1.520	2.442	12.4	20.2
8 29	19 55.30	−29 43.9	1.601	2.451	15.9	20.4

75351 1999 XY_{67} 7 25.3 127°.78 2°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.97	−22 36.6	1.615	2.486	15.0	19.6
6 30	20 41.86	−23 36.8	1.552	2.492	11.3	19.3
7 10	20 34.20	−24 42.9	1.511	2.498	7.1	19.1
7 20	20 24.72	−25 48.4	1.494	2.505	3.2	18.9
7 30	20 14.52	−26 46.3	1.504	2.510	4.0	18.9
8 9	20 4.93	−27 31.5	1.540	2.516	8.0	19.2
8 19	19 57.07	−28 1.6	1.600	2.521	12.0	19.5
8 29	19 51.82	−28 16.7	1.682	2.526	15.4	19.7

249050 2007 TS_{127} 7 25.3 359°.19 3°.0/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.12	−24 57.6	1.751	2.624	13.9	20.6
6 30	20 39.60	−25 42.0	1.683	2.624	10.5	20.4
7 10	20 32.73	−26 29.2	1.636	2.623	6.7	20.2
7 20	20 24.19	−27 13.9	1.614	2.623	3.4	20.0
7 30	20 14.99	−27 50.5	1.619	2.623	4.1	20.0
8 9	20 6.31	−28 15.2	1.649	2.623	7.7	20.2
8 19	19 59.20	−28 26.5	1.704	2.624	11.4	20.5
8 29	19 54.47	−28 24.8	1.780	2.625	14.7	20.7

78295 2002 PQ_{53} 7 25.3 312°.27 1°.6/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.27	−21 31.9	1.712	2.583	14.3	19.2
6 30	20 39.07	−22 2.2	1.631	2.572	10.8	19.0
7 10	20 32.48	−22 38.4	1.572	2.561	6.8	18.7
7 20	20 24.14	−23 16.2	1.538	2.550	2.6	18.4
7 30	20 15.02	−23 50.6	1.530	2.540	3.0	18.5
8 9	20 6.30	−24 17.4	1.547	2.529	7.3	18.7
8 19	19 59.07	−24 34.3	1.589	2.519	11.4	18.9
8 29	19 54.22	−24 40.5	1.652	2.510	15.0	19.1

41999 2000 YX_{45} 7 25.3 344°.67 5°.4/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.02	−12 59.6	0.927	1.827	20.9	17.1
6 30	20 36.38	−11 51.9	0.860	1.810	16.6	16.8
7 10	20 31.43	−10 56.2	0.809	1.796	11.7	16.4
7 20	20 23.90	−10 15.2	0.776	1.783	6.9	16.1
7 30	20 15.20	− 9 50.1	0.763	1.772	5.8	16.0
8 9	20 7.13	− 9 39.7	0.770	1.763	10.2	16.2
8 19	20 1.30	− 9 40.8	0.796	1.756	15.6	16.5
8 29	19 58.93	− 9 48.7	0.838	1.752	20.5	16.7

291863 2006 PL_{3} 7 25.3 355°.25 2°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.82	−26 49.2	1.619	2.493	14.8	20.1
6 30	20 41.74	−26 54.5	1.550	2.491	11.2	19.8
7 10	20 34.10	−26 58.7	1.502	2.489	7.2	19.6
7 20	20 24.67	−26 57.5	1.478	2.487	3.6	19.4
7 30	20 14.61	−26 47.2	1.480	2.486	4.0	19.4
8 9	20 5.24	−26 25.9	1.508	2.486	7.9	19.6
8 19	19 57.68	−25 54.2	1.559	2.486	11.8	19.9
8 29	19 52.75	−25 14.2	1.632	2.487	15.3	20.1

512798 2016 UV_{84} 7 25.3 309°.20 0°.9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.24	−15 38.0	1.897	2.754	13.7	21.5
6 30	20 37.96	−15 51.9	1.816	2.747	10.5	21.3
7 10	20 31.63	−16 15.0	1.756	2.740	6.7	21.0
7 20	20 23.80	−16 44.9	1.722	2.733	2.7	20.7
7 30	20 15.34	−17 18.0	1.714	2.726	2.0	20.7
8 9	20 7.24	−17 50.9	1.733	2.720	6.1	20.9
8 19	20 0.42	−18 20.5	1.777	2.713	10.0	21.2
8 29	19 55.65	−18 44.6	1.844	2.707	13.5	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
89502 2001 XS_{48}			7 25.3	0°.51	1°.7/24.5 18	
	h m	° ′			°	m
6 20	20 43.80	−21 12.8	1.408	2.289	16.2	19.3
6 30	20 39.78	−21 46.8	1.342	2.288	12.2	19.1
7 10	20 33.05	−22 28.0	1.297	2.287	7.6	18.8
7 20	20 24.35	−23 11.1	1.274	2.287	2.9	18.5
7 30	20 14.88	−23 49.9	1.277	2.287	3.3	18.6
8 9	20 6.03	−24 19.5	1.304	2.288	8.1	18.8
8 19	19 59.03	−24 37.4	1.354	2.290	12.6	19.1
8 29	19 54.80	−24 43.2	1.424	2.291	16.5	19.4
66080 1998 RV_{56}			7 25.3	302°.68	0°.9/24.8 18	
6 20	20 42.63	−21 19.4	2.173	3.034	12.1	19.0
6 30	20 38.08	−21 33.3	2.086	3.021	9.1	18.8
7 10	20 31.63	−21 51.0	2.022	3.008	5.7	18.6
7 20	20 23.79	−22 9.6	1.983	2.996	2.1	18.3
7 30	20 15.36	−22 26.0	1.972	2.983	2.2	18.3
8 9	20 7.26	−22 37.6	1.989	2.971	5.9	18.5
8 19	20 0.32	−22 42.9	2.031	2.959	9.5	18.7
8 29	19 55.26	−22 41.3	2.096	2.947	12.6	18.9
122819 2000 SS_{105}			7 25.3	194°.09	4°.2/22.9 18	
6 20	20 50.10	−31 22.6	2.338	3.190	11.7	20.8
6 30	20 43.62	−32 0.6	2.262	3.187	9.0	20.6
7 10	20 35.04	−32 35.5	2.210	3.184	6.3	20.4
7 20	20 24.98	−33 2.4	2.184	3.181	4.4	20.3
7 30	20 14.35	−33 17.2	2.187	3.176	5.0	20.3
8 9	20 4.20	−33 17.7	2.217	3.171	7.4	20.5
8 19	19 55.43	−33 4.1	2.274	3.166	10.2	20.6
8 29	19 48.80	−32 38.2	2.353	3.159	12.8	20.8
450331 2004 TE_{92}			7 25.3	349°.75	5°.0/28.3 18	
6 20	20 39.86	− 5 10.1	2.012	2.835	14.3	20.9
6 30	20 35.97	− 4 51.2	1.932	2.832	11.6	20.7
7 10	20 30.28	− 4 47.0	1.873	2.829	8.7	20.5
7 20	20 23.31	− 4 57.8	1.838	2.826	6.0	20.3
7 30	20 15.80	− 5 22.5	1.829	2.824	5.1	20.3
8 9	20 8.64	− 5 58.3	1.845	2.822	6.8	20.4
8 19	20 2.60	− 6 41.5	1.887	2.821	9.7	20.6
8 29	19 58.36	− 7 28.0	1.952	2.820	12.6	20.8
286099 2001 TA_{69}			7 25.3	6°.08	5°.3/28.1 17	
6 20	20 40.03	− 6 9.3	1.603	2.444	16.6	19.9
6 30	20 36.47	− 5 48.4	1.533	2.444	13.3	19.6
7 10	20 30.76	− 5 44.8	1.482	2.446	9.8	19.4
7 20	20 23.50	− 5 58.8	1.454	2.448	6.5	19.3
7 30	20 15.64	− 6 28.7	1.451	2.450	5.4	19.2
8 9	20 8.24	− 7 10.8	1.472	2.454	7.6	19.3
8 19	20 2.28	− 8 0.2	1.517	2.458	11.1	19.5
8 29	19 58.51	− 8 51.6	1.583	2.463	14.5	19.8
166056 2002 CR_{49}			7 25.3	42°.20	4°.2/26.8 17	
6 20	20 46.58	−11 28.9	1.257	2.121	18.9	19.6
6 30	20 41.88	−10 54.4	1.196	2.127	14.8	19.4
7 10	20 34.34	−10 34.3	1.155	2.133	10.2	19.1
7 20	20 24.80	−10 28.6	1.135	2.139	5.7	18.9
7 30	20 14.56	−10 35.4	1.139	2.146	4.6	18.8
8 9	20 5.08	−10 51.3	1.167	2.154	8.4	19.1
8 19	19 57.63	−11 12.3	1.217	2.161	12.9	19.4
8 29	19 53.10	−11 34.5	1.287	2.169	16.9	19.6
435767 2008 UM_{261}			7 25.3	326°.56	2°.6/26.6 16	
6 20	20 41.61	−12 20.6	1.529	2.391	16.2	21.4
6 30	20 37.95	−12 22.2	1.450	2.381	12.6	21.1
7 10	20 31.86	−12 37.5	1.390	2.371	8.5	20.9
7 20	20 23.97	−13 5.1	1.353	2.361	4.2	20.6
7 30	20 15.26	−13 41.7	1.342	2.352	3.1	20.5
8 9	20 6.95	−14 22.8	1.355	2.344	7.2	20.7
8 19	20 0.17	−15 3.9	1.391	2.336	11.6	21.0
8 29	19 55.82	−15 41.3	1.450	2.328	15.6	21.2
484629 2008 SS_{166}			7 25.3	300°.32	2°.9/23.3 18	
6 20	20 41.97	−27 16.1	2.461	3.323	10.8	21.1
6 30	20 37.47	−27 53.7	2.377	3.312	8.2	21.0
7 10	20 31.19	−28 31.7	2.317	3.300	5.4	20.8
7 20	20 23.65	−29 6.3	2.284	3.289	3.1	20.6
7 30	20 15.57	−29 33.8	2.278	3.278	3.7	20.6
8 9	20 7.78	−29 51.4	2.300	3.267	6.4	20.8
8 19	20 1.08	−29 58.1	2.348	3.256	9.3	20.9
8 29	19 56.11	−29 53.9	2.419	3.245	11.9	21.1
261823 2006 CY_{48}			7 25.3	218°.85	0°.3/25.5 18	
6 20	20 41.40	−17 7.9	2.761	3.604	10.3	21.5
6 30	20 36.72	−17 26.8	2.673	3.598	7.8	21.4
7 10	20 30.58	−17 51.2	2.610	3.592	4.9	21.2
7 20	20 23.41	−18 19.1	2.574	3.586	1.8	20.9
7 30	20 15.80	−18 48.0	2.567	3.579	1.5	20.9
8 9	20 8.44	−19 15.5	2.588	3.572	4.6	21.1
8 19	20 1.95	−19 39.6	2.638	3.565	7.6	21.3
8 29	19 56.89	−19 59.1	2.712	3.558	10.2	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471698 2012 TM_{243}			7 25.3	350°.51	1°.1/24.8 16	
	h m	° ′			°	m
6 20	20 42.60	−19 46.5	1.508	2.385	15.5	21.1
6 30	20 38.74	−20 21.0	1.438	2.382	11.7	20.9
7 10	20 32.36	−21 3.9	1.389	2.379	7.3	20.6
7 20	20 24.14	−21 50.5	1.364	2.376	2.6	20.3
7 30	20 15.16	−22 35.1	1.363	2.374	2.8	20.3
8 9	20 6.70	−23 12.6	1.388	2.373	7.6	20.6
8 19	19 59.92	−23 39.8	1.436	2.372	12.0	20.9
8 29	19 55.70	−23 55.6	1.505	2.372	15.8	21.1
351104 2003 UP_{282}			7 25.3	286°.57	5°.7/21.3 18	
6 20	20 46.29	−30 33.2	1.908	2.775	13.2	20.9
6 30	20 41.65	−31 58.8	1.813	2.747	10.3	20.6
7 10	20 34.36	−33 27.1	1.741	2.718	7.4	20.4
7 20	20 24.95	−34 50.1	1.695	2.688	5.7	20.3
7 30	20 14.35	−35 59.9	1.675	2.659	6.9	20.3
8 9	20 3.86	−36 50.3	1.682	2.629	9.9	20.4
8 19	19 54.76	−37 18.8	1.712	2.599	13.3	20.5
8 29	19 48.17	−37 26.1	1.762	2.568	16.4	20.7
445409 2010 TJ_{79}			7 25.3	288°.30	4°.9/28.2 17	
6 20	20 40.73	− 4 45.3	2.239	3.052	13.4	21.4
6 30	20 36.58	− 4 27.4	2.142	3.036	10.9	21.2
7 10	20 30.68	− 4 22.9	2.067	3.019	8.2	21.0
7 20	20 23.50	− 4 32.4	2.016	3.002	5.8	20.9
7 30	20 15.71	− 4 55.2	1.992	2.985	4.9	20.8
8 9	20 8.12	− 5 29.1	1.994	2.968	6.6	20.9
8 19	20 1.50	− 6 10.8	2.022	2.951	9.4	21.0
8 29	19 56.54	− 6 56.6	2.074	2.935	12.3	21.2
176722 2002 QO_{94}			7 25.3	312°.48	4°.2/27.1 18	
6 20	20 42.76	− 9 57.2	1.706	2.552	15.5	20.2
6 30	20 38.60	− 9 26.8	1.619	2.537	12.3	20.0
7 10	20 32.19	− 9 8.2	1.552	2.523	8.7	19.8
7 20	20 24.08	− 9 2.0	1.508	2.508	5.3	19.5
7 30	20 15.20	− 9 7.3	1.489	2.494	4.4	19.4
8 9	20 6.64	− 9 21.9	1.496	2.480	7.3	19.6
8 19	19 59.43	− 9 42.7	1.528	2.467	11.2	19.8
8 29	19 54.45	−10 6.3	1.581	2.454	14.8	20.0
43987 1997 JR_{9}			7 25.3	77°.51	1°.3/26.3 18	
6 20	20 42.99	−12 3.9	1.808	2.656	14.7	18.9
6 30	20 38.48	−12 53.9	1.744	2.669	11.2	18.7
7 10	20 31.91	−13 57.7	1.702	2.682	7.3	18.5
7 20	20 23.92	−15 11.5	1.686	2.696	3.1	18.3
7 30	20 15.40	−16 29.8	1.697	2.709	2.1	18.3
8 9	20 7.37	−17 46.6	1.735	2.722	6.1	18.5
8 19	20 0.73	−18 57.0	1.799	2.735	9.9	18.8
8 29	19 56.17	−19 57.7	1.886	2.748	13.3	19.0
437913 2002 CT_{205}			7 25.3	169°.09	1°.1/26.1 17	
6 20	20 45.08	−14 9.8	2.255	3.094	12.5	22.4
6 30	20 39.72	−14 34.2	2.178	3.098	9.5	22.2
7 10	20 32.56	−15 7.6	2.123	3.102	6.2	22.0
7 20	20 24.14	−15 47.5	2.095	3.105	2.6	21.7
7 30	20 15.21	−16 30.6	2.096	3.108	1.9	21.7
8 9	20 6.64	−17 13.3	2.125	3.110	5.4	21.9
8 19	19 59.21	−17 52.7	2.181	3.111	8.8	22.2
8 29	19 53.58	−18 26.7	2.262	3.112	11.8	22.4
295835 2008 VO_{1}			7 25.3	200°.73	0°.6/25.7 18	
6 20	20 45.97	−17 8.8	2.200	3.045	12.5	21.4
6 30	20 40.47	−17 12.3	2.117	3.042	9.5	21.2
7 10	20 33.07	−17 21.7	2.057	3.039	6.1	21.0
7 20	20 24.33	−17 35.0	2.024	3.035	2.3	20.7
7 30	20 15.05	−17 49.6	2.018	3.030	1.8	20.7
8 9	20 6.14	−18 3.1	2.041	3.026	5.6	20.9
8 19	19 58.43	−18 13.7	2.091	3.020	9.1	21.1
8 29	19 52.61	−18 20.4	2.164	3.015	12.2	21.3
191281 2003 EN_{62}			7 25.3	110°.38	2°.5/26.9 18	
6 20	20 43.68	− 9 59.2	1.747	2.589	15.3	20.2
6 30	20 39.09	−10 30.3	1.677	2.597	11.9	20.0
7 10	20 32.36	−11 17.0	1.629	2.604	8.0	19.8
7 20	20 24.11	−12 16.5	1.605	2.611	4.0	19.6
7 30	20 15.26	−13 24.3	1.608	2.618	2.9	19.5
8 9	20 6.87	−14 34.7	1.637	2.624	6.4	19.8
8 19	19 59.90	−15 42.6	1.692	2.631	10.3	20.0
8 29	19 55.11	−16 43.8	1.771	2.637	13.8	20.2
335798 2007 HM_{15}			7 25.3	149°.17	0°.5/25.0 17	
6 20	20 45.20	−17 56.4	1.898	2.755	13.7	21.3
6 30	20 40.16	−18 40.3	1.828	2.760	10.3	21.1
7 10	20 33.00	−19 32.5	1.780	2.765	6.4	20.9
7 20	20 24.33	−20 29.0	1.757	2.770	2.2	20.6
7 30	20 15.06	−21 24.6	1.763	2.774	2.2	20.6
8 9	20 6.24	−22 14.6	1.795	2.778	6.4	20.9
8 19	19 58.81	−22 55.9	1.854	2.782	10.2	21.1
8 29	19 53.53	−23 27.0	1.935	2.785	13.5	21.3

252109 2000 WB_{19} 7 25.3 274°.16 4°.6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 47.11	−26 11.8	1.477	2.355	15.7	20.1
6 30	20 42.63	−27 21.6	1.396	2.340	12.1	19.8
7 10	20 35.13	−28 36.8	1.337	2.323	8.0	19.5
7 20	20 25.25	−29 49.5	1.302	2.307	4.8	19.3
7 30	20 14.18	−30 50.8	1.291	2.291	5.9	19.3
8 9	20 3.49	−31 33.9	1.305	2.274	10.0	19.5
8 19	19 54.65	−31 56.1	1.342	2.257	14.3	19.7
8 29	19 48.83	−31 58.6	1.399	2.241	18.1	19.9

211036 2002 BR_{14} 7 25.3 169°.58 0°.9/25.8 17

6 20	20 48.84	−16 24.3	1.619	2.476	15.7	20.8
6 30	20 43.19	−16 29.6	1.548	2.478	12.0	20.5
7 10	20 35.03	−16 43.8	1.497	2.481	7.7	20.3
7 20	20 25.08	−17 4.2	1.472	2.483	3.0	20.0
7 30	20 14.43	−17 27.0	1.472	2.484	2.3	20.0
8 9	20 4.37	−17 48.6	1.499	2.485	7.0	20.3
8 19	19 56.00	−18 6.4	1.551	2.486	11.3	20.5
8 29	19 50.19	−18 18.8	1.625	2.486	15.1	20.8

87371 2000 QD_{52} 7 25.3 281°.51 1°.3/26.0 18

6 20	20 43.75	−14 36.5	1.712	2.570	14.9	19.9
6 30	20 39.46	−14 52.3	1.623	2.554	11.5	19.7
7 10	20 32.80	−15 19.8	1.555	2.537	7.5	19.4
7 20	20 24.34	−15 56.3	1.511	2.521	3.1	19.1
7 30	20 15.02	−16 38.3	1.493	2.505	2.3	19.0
8 9	20 5.97	−17 21.0	1.501	2.488	6.8	19.3
8 19	19 58.31	−18 0.5	1.534	2.472	11.2	19.5
8 29	19 52.96	−18 33.9	1.589	2.456	15.1	19.7

322587 2012 BT_{12} 7 25.3 256°.76 1°.8/24.0 18

6 20	20 41.81	−22 1.5	2.335	3.195	11.4	20.6
6 30	20 37.38	−22 54.5	2.256	3.192	8.5	20.4
7 10	20 31.17	−23 52.3	2.202	3.188	5.3	20.2
7 20	20 23.68	−24 50.7	2.174	3.184	2.3	20.0
7 30	20 15.64	−25 45.3	2.174	3.181	2.8	20.0
8 9	20 7.90	−26 32.2	2.202	3.177	6.0	20.2
8 19	20 1.23	−27 9.0	2.256	3.173	9.2	20.4
8 29	19 56.31	−27 34.8	2.334	3.170	12.0	20.6

111865 2002 EN_{87} 7 25.3 342°.46 2°.5/24.1 18

6 20	20 44.74	−23 37.6	1.586	2.462	15.0	19.3
6 30	20 40.31	−24 13.0	1.516	2.459	11.3	19.1
7 10	20 33.33	−24 52.5	1.467	2.456	7.2	18.8
7 20	20 24.51	−25 30.8	1.443	2.453	3.2	18.6
7 30	20 14.95	−26 2.5	1.444	2.451	3.8	18.6
8 9	20 5.94	−26 23.3	1.470	2.449	7.9	18.8
8 19	19 58.64	−26 31.6	1.520	2.447	12.0	19.1
8 29	19 53.92	−26 27.6	1.591	2.446	15.6	19.3

330938 2009 SP_{233} 7 25.4 321°.16 4°.8/27.4 17

6 20	20 40.99	− 9 2.4	1.306	2.169	18.3	20.6
6 30	20 37.92	− 8 44.1	1.224	2.152	14.7	20.3
7 10	20 32.11	− 8 43.6	1.160	2.135	10.5	20.0
7 20	20 24.17	− 9 1.3	1.117	2.119	6.3	19.8
7 30	20 15.18	− 9 35.6	1.098	2.104	5.0	19.6
8 9	20 6.55	−10 21.8	1.101	2.090	8.5	19.8
8 19	19 59.59	−11 14.2	1.127	2.076	13.2	20.0
8 29	19 55.40	−12 6.7	1.173	2.063	17.6	20.2

314605 2006 BK_{73} 7 25.4 168°.15 1°.2/24.5 18

6 20	20 42.11	−22 2.4	2.701	3.554	10.2	21.9
6 30	20 37.30	−22 33.2	2.625	3.556	7.7	21.7
7 10	20 30.96	−23 6.9	2.573	3.558	4.8	21.5
7 20	20 23.58	−23 40.7	2.548	3.560	1.9	21.3
7 30	20 15.79	−24 11.5	2.552	3.561	2.2	21.3
8 9	20 8.30	−24 36.7	2.585	3.562	5.1	21.5
8 19	20 1.78	−24 55.0	2.645	3.563	7.9	21.7
8 29	19 56.78	−25 5.8	2.729	3.564	10.4	21.9

74324 1998 UP_{33} 7 25.4 335°.52 12°.2/17.8 18

6 20	20 48.79	−45 13.5	1.533	2.393	16.3	18.0
6 30	20 44.45	−46 58.1	1.477	2.382	14.1	17.8
7 10	20 36.49	−48 29.1	1.440	2.373	12.6	17.7
7 20	20 25.76	−49 35.0	1.425	2.363	12.2	17.7
7 30	20 13.85	−50 6.7	1.432	2.355	13.2	17.7
8 9	20 2.77	−50 1.3	1.459	2.347	15.2	17.8
8 19	19 54.23	−49 21.5	1.505	2.340	17.5	18.0
8 29	19 49.41	−48 14.0	1.567	2.334	19.8	18.1

278029 2006 VP_{146} 7 25.4 129°.49 0°.5/25.1 18

6 20	20 45.76	−17 32.3	1.669	2.531	15.0	20.7
6 30	20 40.84	−18 20.1	1.602	2.538	11.3	20.4
7 10	20 33.55	−19 18.0	1.557	2.544	7.1	20.2
7 20	20 24.57	−20 21.0	1.537	2.550	2.5	19.9
7 30	20 14.92	−21 23.2	1.543	2.555	2.4	19.9
8 9	20 5.80	−22 19.0	1.577	2.561	7.0	20.2
8 19	19 58.26	−23 4.8	1.635	2.566	11.1	20.5
8 29	19 53.13	−23 38.8	1.715	2.571	14.7	20.7

311512 2005 WH_{151} 7 25.4 219°.03 4°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.55	− 4 42.8	2.872	3.667	11.2	21.2
6 30	20 37.50	− 4 13.8	2.778	3.659	9.1	21.0
7 10	20 31.05	− 3 54.6	2.707	3.651	6.9	20.9
7 20	20 23.61	− 3 45.8	2.662	3.642	4.9	20.8
7 30	20 15.75	− 3 47.2	2.645	3.633	4.3	20.7
8 9	20 8.10	− 3 57.6	2.656	3.623	5.6	20.8
8 19	20 1.25	− 4 15.0	2.695	3.613	7.8	20.9
8 29	19 55.73	− 4 37.1	2.759	3.603	10.1	21.0

512639 2016 TX_{48} 7 25.4 99°.41 3°.1/27.0 18

6 20	20 43.02	−10 29.2	2.197	3.030	13.0	21.2
6 30	20 38.17	−10 12.4	2.121	3.033	10.2	21.0
7 10	20 31.59	−10 5.4	2.068	3.037	7.0	20.8
7 20	20 23.82	−10 7.7	2.039	3.040	4.1	20.6
7 30	20 15.60	−10 17.9	2.038	3.043	3.3	20.6
8 9	20 7.76	−10 33.7	2.064	3.047	5.7	20.8
8 19	20 1.05	−10 52.9	2.117	3.050	8.9	21.0
8 29	19 56.10	−11 12.9	2.194	3.053	11.7	21.1

219021 1991 LH 7 25.4 259°.35 26°.2/11.2 18

6 20	21 28.69	+28 44.0	1.637	2.162	26.8	20.9
6 30	21 17.29	+33 5.9	1.518	2.119	26.4	20.6
7 10	20 59.71	+37 17.8	1.417	2.073	26.2	20.4
7 20	20 35.23	+40 57.0	1.336	2.021	26.4	20.3
7 30	20 4.46	+43 35.1	1.278	1.964	27.3	20.1
8 9	19 30.05	+44 49.3	1.241	1.903	29.0	20.0
8 19	18 56.27	+44 32.6	1.224	1.835	31.2	20.0
8 29	18 27.24	+42 58.8	1.221	1.762	33.8	20.0

469283 1995 UN_{20} 7 25.4 288°.96 2°.0/24.2 18

6 20	20 43.84	−23 48.7	2.084	2.948	12.4	21.2
6 30	20 39.16	−24 15.7	1.999	2.935	9.4	21.0
7 10	20 32.42	−24 45.5	1.936	2.922	5.9	20.7
7 20	20 24.17	−25 14.3	1.899	2.909	2.6	20.5
7 30	20 15.27	−25 38.1	1.889	2.896	3.1	20.5
8 9	20 6.70	−25 53.8	1.906	2.883	6.6	20.7
8 19	19 59.38	−25 59.9	1.948	2.870	10.1	20.9
8 29	19 54.10	−25 56.4	2.013	2.857	13.3	21.1

342157 2008 SD_{144} 7 25.4 329°.83 0°.1/25.4 18

6 20	20 39.72	−15 20.4	1.412	2.289	16.4	19.3
6 30	20 36.85	−16 13.2	1.332	2.275	12.6	19.1
7 10	20 31.39	−17 22.4	1.272	2.261	8.0	18.8
7 20	20 23.91	−18 43.3	1.235	2.248	2.9	18.4
7 30	20 15.46	−20 8.9	1.223	2.236	2.5	18.4
8 9	20 7.35	−21 31.0	1.236	2.224	7.8	18.6
8 19	20 0.84	−22 43.0	1.271	2.214	12.6	18.9
8 29	19 56.96	−23 40.8	1.328	2.204	16.9	19.1

352554 2008 CT_{211} 7 25.4 113°.15 0°.9/24.7 18

6 20	20 42.46	−19 10.6	2.239	3.095	12.0	20.7
6 30	20 37.84	−20 0.2	2.168	3.101	8.9	20.5
7 10	20 31.44	−20 56.3	2.121	3.107	5.5	20.3
7 20	20 23.79	−21 54.9	2.101	3.113	2.0	20.1
7 30	20 15.65	−22 51.5	2.109	3.119	2.2	20.1
8 9	20 7.87	−23 42.3	2.144	3.125	5.7	20.4
8 19	20 1.23	−24 24.4	2.207	3.131	9.0	20.6
8 29	19 56.38	−24 56.5	2.293	3.136	11.9	20.8

227765 2006 SP_{393} 7 25.4 348°.37 1°.9/25.9 17

6 20	20 39.50	−16 23.3	1.023	1.921	19.5	19.6
6 30	20 37.31	−16 2.9	0.957	1.910	15.1	19.2
7 10	20 31.93	−15 54.1	0.909	1.900	9.8	18.9
7 20	20 24.14	−15 55.3	0.880	1.892	4.2	18.6
7 30	20 15.32	−16 3.6	0.873	1.886	3.2	18.5
8 9	20 7.17	−16 14.5	0.887	1.881	8.8	18.8
8 19	20 1.20	−16 24.6	0.920	1.878	14.4	19.1
8 29	19 58.51	−16 30.8	0.972	1.876	19.2	19.4

477105 2009 BL_{166} 7 25.4 237°.80 0°.3/25.5 18

6 20	20 43.15	−16 26.3	2.128	2.979	12.7	22.0
6 30	20 38.52	−16 57.1	2.043	2.972	9.6	21.7
7 10	20 31.96	−17 36.5	1.981	2.965	6.1	21.5
7 20	20 24.02	−18 21.4	1.945	2.957	2.2	21.3
7 30	20 15.45	−19 8.1	1.936	2.949	1.8	21.2
8 9	20 7.18	−19 52.6	1.956	2.941	5.7	21.5
8 19	20 0.05	−20 31.9	2.001	2.932	9.4	21.7
8 29	19 54.80	−21 3.8	2.071	2.924	12.6	21.9

287682 2003 QX_{14} 7 25.4 233°.69 4°.4/28.9 18

6 20	20 39.76	− 2 39.3	2.835	3.627	11.4	21.1
6 30	20 35.47	− 2 36.3	2.740	3.618	9.4	20.9
7 10	20 29.83	− 2 45.9	2.668	3.608	7.1	20.7
7 20	20 23.21	− 3 8.1	2.620	3.598	5.2	20.6
7 30	20 16.17	− 3 41.8	2.601	3.588	4.4	20.5
8 9	20 9.31	− 4 25.0	2.609	3.578	5.6	20.6
8 19	20 3.22	− 5 14.6	2.644	3.568	7.7	20.7
8 29	19 58.42	− 6 7.3	2.705	3.557	10.0	20.9

216701 2004 RW_{162} 7 25.4 323°.92 0°.9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.81	−17 38.4	2.034	2.889	13.0	19.7
6 30	20 39.03	−17 22.6	1.950	2.880	9.9	19.5
7 10	20 32.27	−17 11.8	1.889	2.872	6.4	19.3
7 20	20 24.12	−17 4.6	1.853	2.864	2.5	19.0
7 30	20 15.40	−16 59.2	1.844	2.856	2.0	18.9
8 9	20 7.07	−16 53.9	1.862	2.849	5.8	19.2
8 19	19 59.99	−16 47.4	1.907	2.842	9.5	19.4
8 29	19 54.88	−16 38.9	1.974	2.835	12.8	19.6

22356 Feyerabend 7 25.4 303°.74 0°.7/25.7 18

6 20	20 44.48	−16 12.6	1.406	2.277	16.8	18.7
6 30	20 40.39	−16 31.7	1.330	2.269	12.9	18.5
7 10	20 33.57	−17 2.8	1.275	2.262	8.2	18.2
7 20	20 24.68	−17 42.5	1.242	2.254	3.1	17.8
7 30	20 14.88	−18 25.7	1.234	2.247	2.4	17.8
8 9	20 5.55	−19 7.0	1.251	2.239	7.7	18.1
8 19	19 57.99	−19 42.2	1.291	2.232	12.5	18.3
8 29	19 53.18	−20 8.7	1.351	2.226	16.7	18.6

472456 2015 BQ_{390} 7 25.4 343°.16 0°.8/25.0 17

6 20	20 43.13	−18 31.6	1.317	2.199	17.1	20.9
6 30	20 39.51	−19 7.2	1.249	2.194	12.9	20.6
7 10	20 33.06	−19 54.0	1.200	2.190	8.1	20.4
7 20	20 24.50	−20 47.0	1.173	2.186	2.9	20.0
7 30	20 15.04	−21 39.5	1.171	2.183	2.9	20.0
8 9	20 6.15	−22 25.3	1.192	2.180	8.2	20.3
8 19	19 59.14	−23 0.2	1.237	2.178	13.0	20.6
8 29	19 55.01	−23 22.6	1.301	2.176	17.2	20.9

207297 2005 GU_{38} 7 25.4 167°.47 2°.1/26.6 17

6 20	20 42.94	−12 14.1	1.962	2.806	13.8	20.5
6 30	20 38.38	−12 23.7	1.885	2.807	10.7	20.3
7 10	20 31.88	−12 44.6	1.830	2.807	7.1	20.1
7 20	20 23.98	−13 14.7	1.800	2.807	3.5	19.9
7 30	20 15.53	−13 51.3	1.797	2.807	2.6	19.8
8 9	20 7.46	−14 30.6	1.821	2.808	5.9	20.0
8 19	20 0.64	−15 9.3	1.871	2.808	9.6	20.2
8 29	19 55.78	−15 44.4	1.944	2.808	12.9	20.4

198549 2004 XB_{133} 7 25.4 199°.14 1°.1/26.0 18

6 20	20 45.07	−15 0.4	2.318	3.157	12.2	21.1
6 30	20 39.74	−15 9.7	2.233	3.154	9.3	20.9
7 10	20 32.62	−15 26.5	2.171	3.150	6.0	20.6
7 20	20 24.24	−15 48.9	2.136	3.146	2.5	20.4
7 30	20 15.32	−16 14.4	2.129	3.141	1.9	20.4
8 9	20 6.72	−16 40.1	2.151	3.136	5.3	20.6
8 19	19 59.22	−17 3.7	2.200	3.130	8.7	20.8
8 29	19 53.48	−17 23.7	2.273	3.123	11.7	21.0

284052 2005 BY_{25} 7 25.4 145°.21 0°.6/25.1 18

6 20	20 47.20	−20 47.4	2.101	2.954	12.7	20.5
6 30	20 41.42	−20 52.0	2.030	2.960	9.6	20.3
7 10	20 33.68	−20 59.9	1.981	2.966	6.0	20.1
7 20	20 24.59	−21 8.5	1.959	2.971	2.1	19.9
7 30	20 15.05	−21 14.9	1.965	2.976	2.0	19.9
8 9	20 6.01	−21 17.1	1.998	2.981	5.9	20.1
8 19	19 58.32	−21 14.1	2.058	2.985	9.4	20.4
8 29	19 52.67	−21 5.8	2.142	2.989	12.5	20.6

283358 2000 AS_{44} 7 25.4 345°.90 0°.7/25.1 18

6 20	20 45.12	−20 38.9	1.735	2.602	14.3	20.4
6 30	20 40.32	−20 46.7	1.662	2.600	10.8	20.2
7 10	20 33.22	−20 59.3	1.610	2.598	6.8	19.9
7 20	20 24.49	−21 13.4	1.583	2.596	2.4	19.6
7 30	20 15.13	−21 25.6	1.583	2.595	2.4	19.6
8 9	20 6.29	−21 32.8	1.609	2.593	6.7	19.9
8 19	19 58.99	−21 33.7	1.659	2.593	10.8	20.1
8 29	19 54.03	−21 27.9	1.731	2.592	14.3	20.4

330456 2007 EK_{38} 7 25.4 186°.89 5°.3/30.9 18

6 20	20 40.32	+ 4 20.3	3.301	4.042	10.9	21.9
6 30	20 35.67	+ 4 10.8	3.208	4.041	9.3	21.8
7 10	20 29.85	+ 3 46.7	3.138	4.040	7.5	21.7
7 20	20 23.21	+ 3 8.0	3.092	4.038	6.0	21.6
7 30	20 16.23	+ 2 15.6	3.074	4.036	5.3	21.5
8 9	20 9.44	+ 1 11.8	3.084	4.033	5.8	21.5
8 19	20 3.32	− 0 0.1	3.123	4.030	7.3	21.6
8 29	19 58.33	− 1 16.6	3.188	4.026	9.0	21.7

35967 1999 LG_{14} 7 25.4 53°.52 6°.0/28.2 18 R

6 20	20 45.09	− 6 9.9	1.224	2.076	20.0	17.3
6 30	20 40.70	− 5 47.3	1.173	2.091	16.0	17.1
7 10	20 33.59	− 5 46.7	1.140	2.107	11.6	16.9
7 20	20 24.63	− 6 7.8	1.128	2.123	7.5	16.7
7 30	20 15.07	− 6 47.8	1.139	2.140	6.1	16.7
8 9	20 6.34	− 7 40.8	1.173	2.157	8.8	16.9
8 19	19 59.60	− 8 40.1	1.230	2.174	12.8	17.2
8 29	19 55.68	− 9 39.2	1.307	2.192	16.5	17.5

194988 2002 BY_6 7 25.4 135°.71 3°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 49.85	−28 20.1	1.890	2.752	13.6	20.3
6 30	20 43.72	−28 49.1	1.826	2.759	10.3	20.1
7 10	20 35.25	−29 16.5	1.784	2.766	6.8	19.9
7 20	20 25.19	−29 37.3	1.768	2.772	4.0	19.7
7 30	20 14.59	−29 47.2	1.779	2.779	4.5	19.8
8 9	20 4.65	−29 43.9	1.817	2.785	7.7	20.0
8 19	19 56.40	−29 27.6	1.879	2.790	11.0	20.2
8 29	19 50.58	−29 0.4	1.965	2.796	14.1	20.4

355723 2008 GN_{31} 7 25.4 357°.53 4°.3/28.2 18

6 20	20 38.90	− 6 1.0	1.870	2.703	14.9	19.8
6 30	20 35.44	− 6 10.1	1.793	2.701	11.9	19.6
7 10	20 30.09	− 6 36.1	1.736	2.699	8.6	19.4
7 20	20 23.38	− 7 18.2	1.703	2.698	5.5	19.3
7 30	20 16.10	− 8 13.7	1.695	2.698	4.3	19.2
8 9	20 9.17	− 9 18.0	1.714	2.698	6.5	19.3
8 19	20 3.43	−10 26.1	1.758	2.698	9.8	19.5
8 29	19 59.59	−11 32.9	1.825	2.699	13.1	19.7

402367 2005 WD_{62} 7 25.4 318°.82 2°.1/24.1 18

6 20	20 42.15	−23 9.1	1.994	2.862	12.7	21.2
6 30	20 37.97	−23 46.5	1.913	2.852	9.6	21.0
7 10	20 31.73	−24 27.9	1.855	2.842	6.0	20.8
7 20	20 23.98	−25 9.3	1.822	2.833	2.7	20.5
7 30	20 15.58	−25 45.9	1.816	2.823	3.2	20.6
8 9	20 7.52	−26 14.2	1.836	2.814	6.8	20.8
8 19	20 0.74	−26 32.0	1.882	2.805	10.3	21.0
8 29	19 56.00	−26 38.9	1.950	2.797	13.5	21.2

254394 2004 TH_{223} 7 25.4 259°.11 3°.2/27.9 18

6 20	20 40.28	− 6 10.2	2.753	3.562	11.3	21.1
6 30	20 35.99	− 6 29.4	2.648	3.543	9.0	20.9
7 10	20 30.24	− 7 1.1	2.567	3.524	6.5	20.7
7 20	20 23.41	− 7 44.4	2.511	3.505	4.1	20.5
7 30	20 16.06	− 8 37.3	2.484	3.486	3.2	20.4
8 9	20 8.84	− 9 37.0	2.486	3.466	5.1	20.5
8 19	20 2.38	−10 39.8	2.515	3.446	7.8	20.6
8 29	19 57.26	−11 42.4	2.570	3.425	10.4	20.8

207405 2006 BP_{103} 7 25.4 117°.49 1°.7/26.3 17

6 20	20 48.44	−12 33.8	1.552	2.401	16.6	20.9
6 30	20 42.85	−13 4.0	1.492	2.418	12.7	20.7
7 10	20 34.80	−13 48.4	1.453	2.433	8.3	20.5
7 20	20 25.05	−14 43.2	1.439	2.448	3.6	20.3
7 30	20 14.72	−15 43.2	1.451	2.463	2.5	20.2
8 9	20 5.06	−16 42.5	1.490	2.477	6.9	20.5
8 19	19 57.15	−17 36.4	1.554	2.490	11.2	20.8
8 29	19 51.79	−18 22.0	1.640	2.503	14.9	21.1

507386 2012 FZ_{67} 7 25.4 300°.39 6°.1/22.5 18

6 20	20 47.26	−29 44.1	1.362	2.246	16.5	20.7
6 30	20 42.99	−30 50.1	1.289	2.233	12.8	20.5
7 10	20 35.47	−31 57.1	1.237	2.221	8.9	20.2
7 20	20 25.46	−32 56.0	1.208	2.208	6.3	20.0
7 30	20 14.29	−33 37.7	1.202	2.196	7.3	20.0
8 9	20 3.69	−33 56.7	1.220	2.184	11.0	20.2
8 19	19 55.23	−33 52.1	1.260	2.173	15.2	20.4
8 29	19 50.05	−33 26.9	1.318	2.162	18.9	20.6

369833 2012 JB_8 7 25.4 3°.95 5°.3/23.0 17

6 20	20 44.73	−27 52.8	1.249	2.141	17.1	20.1
6 30	20 40.98	−28 51.9	1.191	2.140	13.1	19.9
7 10	20 34.10	−29 52.3	1.153	2.141	8.8	19.7
7 20	20 24.91	−30 45.4	1.136	2.141	5.5	19.5
7 30	20 14.85	−31 23.1	1.143	2.143	6.5	19.5
8 9	20 5.58	−31 40.4	1.173	2.145	10.4	19.8
8 19	19 58.53	−31 36.7	1.225	2.148	14.6	20.0
8 29	19 54.70	−31 14.7	1.295	2.152	18.4	20.3

491205 2011 UP_{122} 7 25.4 264°.37 6°.0/29.1 18

6 20	20 41.42	− 1 46.3	2.121	2.923	14.4	22.0
6 30	20 37.12	− 1 24.6	2.039	2.920	11.9	21.8
7 10	20 31.05	− 1 19.0	1.978	2.918	9.3	21.6
7 20	20 23.72	− 1 30.4	1.940	2.915	6.9	21.5
7 30	20 15.86	− 1 58.1	1.928	2.912	6.0	21.4
8 9	20 8.30	− 2 39.5	1.942	2.910	7.3	21.5
8 19	20 1.82	− 3 30.5	1.981	2.907	9.8	21.6
8 29	19 57.08	− 4 26.8	2.044	2.904	12.5	21.8

480263 2015 HE_{75} 7 25.4 263°.62 1°.0/25.9 18

6 20	20 44.51	−15 30.9	1.783	2.639	14.5	21.5
6 30	20 39.88	−15 43.6	1.700	2.630	11.1	21.2
7 10	20 33.01	−16 6.0	1.639	2.622	7.2	21.0
7 20	20 24.47	−16 35.7	1.602	2.613	2.9	20.7
7 30	20 15.20	−17 9.1	1.592	2.604	2.1	20.6
8 9	20 6.30	−17 42.3	1.609	2.596	6.5	20.9
8 19	19 58.78	−18 12.0	1.650	2.587	10.7	21.1
8 29	19 53.50	−18 36.0	1.714	2.578	14.3	21.3

338750 2003 UV_{169} 7 25.4 294.°90 2.°6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.40	−25 14.2	1.807	2.675	13.8	20.5
6 30	20 41.33	−25 37.5	1.732	2.670	10.4	20.3
7 10	20 33.90	−26 2.3	1.679	2.665	6.7	20.1
7 20	20 24.77	−26 24.0	1.651	2.660	3.2	19.8
7 30	20 14.98	−26 38.3	1.649	2.655	3.7	19.9
8 9	20 5.69	−26 42.3	1.674	2.651	7.4	20.1
8 19	19 57.97	−26 35.2	1.723	2.646	11.2	20.3
8 29	19 52.64	−26 17.9	1.795	2.641	14.5	20.5

193366 2000 UJ_{67} 7 25.4 338.°52 4.°2/23.8 18

6 20	20 43.96	−26 58.7	1.303	2.194	16.6	19.5
6 30	20 40.37	−27 29.1	1.232	2.182	12.7	19.2
7 10	20 33.74	−28 0.8	1.181	2.171	8.4	18.9
7 20	20 24.81	−28 27.1	1.152	2.160	4.6	18.7
7 30	20 14.92	−28 41.5	1.147	2.151	5.4	18.7
8 9	20 5.67	−28 40.1	1.164	2.143	9.6	18.9
8 19	19 58.49	−28 22.3	1.204	2.136	14.1	19.2
8 29	19 54.41	−27 50.1	1.262	2.129	18.2	19.4

254455 2005 CA_{14} 7 25.4 54.°52 3.°6/24.2 17

6 20	20 50.61	−26 37.4	1.291	2.172	17.4	20.2
6 30	20 45.07	−26 55.6	1.237	2.181	13.2	19.9
7 10	20 36.43	−27 13.7	1.203	2.191	8.5	19.7
7 20	20 25.67	−27 25.2	1.192	2.201	4.2	19.5
7 30	20 14.28	−27 25.0	1.205	2.211	4.8	19.5
8 9	20 3.91	−27 10.8	1.242	2.221	9.1	19.8
8 19	19 55.89	−26 43.5	1.302	2.231	13.5	20.1
8 29	19 51.07	−26 5.9	1.382	2.242	17.3	20.4

186287 2002 AU_{187} 7 25.4 167.°91 0.°6/25.9 18 R

6 20	20 41.71	−14 40.3	2.903	3.737	10.1	21.2
6 30	20 36.90	−15 14.7	2.822	3.741	7.7	21.1
7 10	20 30.71	−15 56.1	2.766	3.744	4.9	20.9
7 20	20 23.57	−16 42.3	2.737	3.748	1.9	20.7
7 30	20 16.04	−17 30.6	2.738	3.750	1.4	20.6
8 9	20 8.76	−18 17.9	2.769	3.753	4.3	20.9
8 19	20 2.31	−19 1.8	2.828	3.755	7.1	21.1
8 29	19 57.20	−19 40.4	2.912	3.756	9.6	21.2

314036 2004 YY_{5} 7 25.4 330.°34 3.°1/23.3 18

6 20	20 41.23	−25 13.7	1.948	2.821	12.7	19.6
6 30	20 37.41	−26 7.1	1.868	2.809	9.6	19.3
7 10	20 31.45	−27 4.0	1.812	2.798	6.2	19.1
7 20	20 23.92	−27 59.3	1.780	2.788	3.4	18.9
7 30	20 15.70	−28 47.4	1.775	2.777	4.2	18.9
8 9	20 7.81	−29 24.1	1.796	2.768	7.5	19.1
8 19	20 1.22	−29 47.2	1.842	2.759	10.9	19.3
8 29	19 56.75	−29 56.4	1.910	2.750	14.0	19.5

268183 2004 XQ_{137} 7 25.4 249.°81 0.°7/24.7 18

6 20	20 41.99	−17 24.7	2.685	3.530	10.5	20.3
6 30	20 37.40	−18 36.0	2.591	3.517	7.9	20.1
7 10	20 31.21	−19 55.9	2.521	3.505	4.9	19.8
7 20	20 23.81	−21 20.6	2.480	3.492	1.8	19.6
7 30	20 15.80	−22 45.3	2.469	3.479	1.9	19.6
8 9	20 7.93	−24 5.6	2.487	3.466	5.2	19.8
8 19	20 0.88	−25 17.6	2.534	3.452	8.3	20.0
8 29	19 55.31	−26 19.2	2.607	3.439	11.0	20.1

334808 2003 SK_{297} 7 25.4 346.°10 1.°5/26.0 18

6 20	20 44.42	−15 56.4	1.596	2.459	15.5	19.9
6 30	20 39.95	−15 46.1	1.522	2.456	11.9	19.7
7 10	20 33.09	−15 44.5	1.469	2.453	7.7	19.4
7 20	20 24.51	−15 49.7	1.440	2.450	3.3	19.2
7 30	20 15.25	−15 59.3	1.436	2.448	2.5	19.1
8 9	20 6.50	−16 10.0	1.458	2.446	6.9	19.4
8 19	19 59.34	−16 19.7	1.504	2.445	11.2	19.6
8 29	19 54.60	−16 26.4	1.572	2.444	14.9	19.9

474643 2004 XX_{15} 7 25.4 281.°25 1.°1/25.9 18

6 20	20 45.13	−16 3.7	1.825	2.680	14.3	22.3
6 30	20 40.47	−16 7.2	1.728	2.658	11.0	22.0
7 10	20 33.48	−16 19.4	1.652	2.635	7.1	21.7
7 20	20 24.70	−16 38.2	1.602	2.612	2.9	21.4
7 30	20 15.03	−17 0.6	1.577	2.590	2.2	21.3
8 9	20 5.57	−17 23.1	1.580	2.566	6.6	21.5
8 19	19 57.42	−17 43.1	1.607	2.543	10.9	21.7
8 29	19 51.50	−17 58.5	1.657	2.520	14.8	21.9

511460 2014 KK_{20} 7 25.4 26.°18 4.°9/21.7 18

6 20	20 43.05	−28 27.9	1.930	2.802	12.9	20.6
6 30	20 38.81	−30 2.8	1.868	2.806	9.8	20.4
7 10	20 32.34	−31 39.2	1.831	2.811	6.8	20.3
7 20	20 24.25	−33 9.6	1.819	2.816	4.9	20.2
7 30	20 15.47	−34 26.7	1.834	2.821	5.9	20.2
8 9	20 7.11	−35 25.7	1.875	2.827	8.7	20.4
8 19	20 0.18	−36 4.7	1.941	2.833	11.7	20.6
8 29	19 55.49	−36 24.4	2.027	2.839	14.4	20.8

250025 2002 CE_{19} 7 25.4 282.°96 2.°8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.37	−27 10.2	2.144	3.005	12.2	20.4
6 30	20 41.04	−27 25.7	2.059	2.992	9.3	20.2
7 10	20 33.61	−27 40.6	1.996	2.980	6.1	19.9
7 20	20 24.68	−27 50.9	1.960	2.967	3.2	19.7
7 30	20 15.12	−27 53.2	1.951	2.955	3.7	19.7
8 9	20 5.96	−27 45.4	1.969	2.942	6.8	19.9
8 19	19 58.14	−27 27.3	2.013	2.929	10.2	20.1
8 29	19 52.40	−26 59.9	2.080	2.917	13.2	20.3

99372 2001 XW_{252} 7 25.4 189.°24 3.°6/24.1 17

6 20	20 51.20	−26 36.9	1.424	2.299	16.5	19.8
6 30	20 45.50	−27 1.7	1.358	2.299	12.5	19.5
7 10	20 36.77	−27 26.8	1.312	2.298	8.1	19.3
7 20	20 25.86	−27 46.1	1.290	2.298	4.2	19.0
7 30	20 14.14	−27 53.8	1.292	2.298	4.8	19.1
8 9	20 3.20	−27 46.9	1.320	2.297	9.0	19.3
8 19	19 54.41	−27 25.8	1.371	2.296	13.3	19.6
8 29	19 48.73	−26 52.9	1.443	2.295	17.1	19.8

45490 2000 AV_{240} 7 25.4 230.°92 11.°2/ 1.5 18

6 20	20 42.46	+11 40.9	2.095	2.816	17.0	19.2
6 30	20 38.01	+12 44.9	2.015	2.812	15.2	19.0
7 10	20 31.69	+13 26.5	1.953	2.808	13.5	18.9
7 20	20 24.00	+13 41.6	1.910	2.804	12.0	18.8
7 30	20 15.69	+13 28.3	1.889	2.800	11.2	18.7
8 9	20 7.65	+12 47.7	1.892	2.795	11.5	18.7
8 19	20 0.72	+11 43.9	1.917	2.791	12.7	18.8
8 29	19 55.60	+10 23.0	1.963	2.786	14.4	18.9

87137 2000 ND_{8} 7 25.4 258.°50 2.°5/26.7 18

6 20	20 43.83	−11 34.4	1.739	2.587	15.2	19.8
6 30	20 39.40	−11 45.7	1.657	2.580	11.8	19.6
7 10	20 32.73	−12 10.5	1.596	2.573	8.0	19.3
7 20	20 24.41	−12 47.0	1.560	2.566	4.0	19.1
7 30	20 15.34	−13 31.8	1.549	2.559	2.9	19.0
8 9	20 6.63	−14 20.5	1.565	2.552	6.6	19.2
8 19	19 59.30	−15 8.5	1.606	2.545	10.7	19.4
8 29	19 54.19	−15 52.5	1.669	2.538	14.4	19.6

283456 2001 HB_{46} 7 25.4 119.°17 4.°1/22.8 18

6 20	20 46.01	−27 44.3	1.962	2.828	13.0	20.1
6 30	20 40.91	−28 50.3	1.899	2.835	9.8	19.9
7 10	20 33.58	−29 56.9	1.859	2.841	6.6	19.7
7 20	20 24.67	−30 58.1	1.845	2.847	4.2	19.6
7 30	20 15.15	−31 48.0	1.858	2.853	5.0	19.6
8 9	20 6.14	−32 22.8	1.898	2.859	7.9	19.8
8 19	19 58.60	−32 41.2	1.962	2.864	11.1	20.0
8 29	19 53.33	−32 44.3	2.048	2.870	13.9	20.2

266258 2006 YD_{19} 7 25.4 259.°50 1.°5/24.6 18

6 20	20 47.02	−21 30.6	1.708	2.573	14.6	21.1
6 30	20 42.05	−21 59.7	1.622	2.560	11.1	20.9
7 10	20 34.53	−22 34.7	1.558	2.546	7.0	20.6
7 20	20 25.09	−23 11.2	1.519	2.531	2.7	20.3
7 30	20 14.74	−23 44.1	1.506	2.516	3.0	20.3
8 9	20 4.76	−24 9.1	1.520	2.502	7.5	20.5
8 19	19 56.32	−24 23.8	1.558	2.486	11.8	20.8
8 29	19 50.38	−24 27.8	1.618	2.471	15.5	21.0

59551 1999 JL_{37} 7 25.4 359.°33 10.°5/29.5 18

6 20	20 40.93	+ 0 23.4	1.315	2.143	20.2	17.3
6 30	20 37.65	+ 1 46.4	1.250	2.140	17.2	17.0
7 10	20 31.82	+ 2 46.8	1.201	2.138	14.1	16.9
7 20	20 24.11	+ 3 19.6	1.172	2.137	11.5	16.7
7 30	20 15.62	+ 3 22.5	1.164	2.138	10.5	16.6
8 9	20 7.65	+ 2 57.4	1.178	2.139	11.7	16.7
8 19	20 1.36	+ 2 9.8	1.213	2.141	14.4	16.9
8 29	19 57.67	+ 1 7.7	1.267	2.145	17.4	17.1

322389 2011 QX_{39} 7 25.4 339.°23 1.°1/25.9 18

6 20	20 40.82	−14 27.6	1.622	2.487	15.3	20.3
6 30	20 37.29	−14 55.2	1.545	2.480	11.7	20.0
7 10	20 31.48	−15 35.7	1.488	2.473	7.6	19.8
7 20	20 23.98	−16 25.9	1.456	2.467	3.1	19.5
7 30	20 15.73	−17 21.1	1.449	2.461	2.2	19.4
8 9	20 7.88	−18 16.1	1.467	2.456	6.7	19.7
8 19	20 1.46	−19 6.1	1.510	2.452	11.1	19.9
8 29	19 57.34	−19 47.9	1.575	2.448	14.8	20.2

772 Tanete 7 25.4 78.°22 11.°1/15.7 18

6 20	20 52.70	−49 33.6	2.119	2.943	13.7	13.1
6 30	20 46.84	−51 40.1	2.083	2.952	12.2	13.0
7 10	20 37.78	−53 31.2	2.069	2.961	11.3	13.0
7 20	20 26.29	−54 57.8	2.078	2.970	11.2	13.0
7 30	20 13.74	−55 53.2	2.111	2.980	12.0	13.0
8 9	20 1.82	−56 15.6	2.165	2.989	13.3	13.2
8 19	19 52.05	−56 7.6	2.238	2.998	14.8	13.3
8 29	19 45.52	−55 34.5	2.329	3.008	16.2	13.4

252081 2000 SD_{342} 7 25.4 270°.41 1°.7/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.11	−13 58.1	1.522	2.381	16.4	21.3
6 30	20 41.63	−14 8.6	1.431	2.362	12.8	21.0
7 10	20 34.45	−14 32.2	1.361	2.343	8.4	20.7
7 20	20 25.13	−15 6.8	1.314	2.324	3.7	20.4
7 30	20 14.72	−15 48.6	1.292	2.304	2.7	20.3
8 9	20 4.56	−16 32.5	1.295	2.284	7.5	20.5
8 19	19 55.96	−17 13.9	1.323	2.263	12.4	20.7
8 29	19 50.00	−17 49.4	1.372	2.243	16.8	20.9

357507 2004 PX_{112} 7 25.4 334°.47 7°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.64	+ 3 37.7	1.972	2.756	16.0	20.3
6 30	20 35.23	+ 3 52.7	1.887	2.747	13.6	20.2
7 10	20 29.99	+ 3 46.0	1.821	2.740	11.2	20.0
7 20	20 23.42	+ 3 15.9	1.776	2.733	8.9	19.8
7 30	20 16.24	+ 2 22.9	1.756	2.726	7.9	19.8
8 9	20 9.34	+ 1 10.5	1.760	2.719	8.6	19.8
8 19	20 3.52	− 0 15.9	1.790	2.713	10.8	19.9
8 29	19 59.51	− 1 49.7	1.842	2.708	13.4	20.1

481348 2006 DN_{44} 7 25.4 226°.07 1°.8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.87	−10 51.8	3.128	3.948	9.8	22.7
6 30	20 36.24	−11 8.0	3.029	3.936	7.6	22.5
7 10	20 30.33	−11 32.3	2.955	3.924	5.2	22.4
7 20	20 23.48	−12 3.6	2.907	3.911	2.7	22.2
7 30	20 16.21	−12 40.0	2.889	3.897	2.0	22.1
8 9	20 9.10	−13 19.1	2.900	3.883	4.2	22.2
8 19	20 2.69	−13 58.7	2.940	3.869	6.8	22.4
8 29	19 57.49	−14 36.7	3.005	3.854	9.2	22.5

340439 2006 GA_{16} 7 25.4 191°.77 2°.6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.31	−24 32.7	1.988	2.851	13.0	21.4
6 30	20 41.09	−25 13.4	1.914	2.850	9.8	21.2
7 10	20 33.69	−25 56.7	1.864	2.849	6.2	21.0
7 20	20 24.73	−26 37.9	1.839	2.848	3.0	20.8
7 30	20 15.15	−27 12.2	1.841	2.846	3.6	20.8
8 9	20 6.02	−27 36.1	1.871	2.844	7.0	21.0
8 19	19 58.30	−27 48.1	1.926	2.842	10.5	21.3
8 29	19 52.75	−27 48.6	2.003	2.840	13.6	21.5

377577 2005 NN_{17} 7 25.4 0°.29 0°.2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.50	−16 41.6	1.094	1.989	18.8	20.6
6 30	20 37.13	−17 10.5	1.034	1.986	14.3	20.3
7 10	20 31.76	−17 54.1	0.992	1.984	9.1	20.0
7 20	20 24.16	−18 47.7	0.971	1.984	3.3	19.6
7 30	20 15.64	−19 44.2	0.971	1.985	2.7	19.6
8 9	20 7.82	−20 36.1	0.995	1.987	8.5	20.0
8 19	20 2.07	−21 18.2	1.039	1.990	13.8	20.3
8 29	19 59.41	−21 47.4	1.102	1.995	18.3	20.6

293991 2007 TM_{78} 7 25.4 296°.19 4°.2/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.43	−10 43.6	1.325	2.187	18.2	21.0
6 30	20 40.67	−10 23.1	1.237	2.166	14.5	20.7
7 10	20 34.01	−10 18.0	1.167	2.145	10.1	20.3
7 20	20 25.02	−10 28.5	1.119	2.124	5.7	20.0
7 30	20 14.83	−10 52.9	1.095	2.103	4.5	19.9
8 9	20 4.89	−11 27.2	1.094	2.082	8.6	20.1
8 19	19 56.65	−12 6.6	1.116	2.062	13.6	20.3
8 29	19 51.29	−12 46.1	1.157	2.042	18.2	20.5

61669 2000 QR_{118} 7 25.4 257°.54 1°.6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.96	−23 59.4	2.209	3.067	12.0	19.4
6 30	20 40.58	−24 7.4	2.127	3.060	9.1	19.2
7 10	20 33.26	−24 16.5	2.069	3.054	5.7	19.0
7 20	20 24.56	−24 23.7	2.037	3.048	2.4	18.7
7 30	20 15.33	−24 26.1	2.032	3.041	2.6	18.7
8 9	20 6.51	−24 21.9	2.056	3.034	6.1	18.9
8 19	19 58.95	−24 10.3	2.105	3.028	9.5	19.1
8 29	19 53.35	−23 51.8	2.178	3.021	12.5	19.3

283888 2004 BY_{70} 7 25.4 237°.52 1°.2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.40	−22 17.9	2.334	3.186	11.7	21.0
6 30	20 40.89	−22 32.7	2.243	3.173	8.8	20.8
7 10	20 33.46	−22 50.2	2.176	3.160	5.5	20.5
7 20	20 24.66	−23 7.5	2.135	3.147	2.1	20.3
7 30	20 15.24	−23 21.3	2.123	3.133	2.3	20.3
8 9	20 6.13	−23 29.5	2.139	3.118	5.8	20.5
8 19	19 58.16	−23 30.6	2.182	3.104	9.2	20.7
8 29	19 52.05	−23 24.7	2.249	3.089	12.2	20.8

470614 2008 RW_{107} 7 25.4 318°.65 6°.2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.96	−10 36.1	1.413	2.266	17.8	20.9
6 30	20 42.38	− 9 8.2	1.322	2.243	14.4	20.6
7 10	20 34.97	− 7 47.2	1.251	2.221	10.5	20.3
7 20	20 25.34	− 6 36.4	1.203	2.199	7.1	20.0
7 30	20 14.61	− 5 39.0	1.179	2.178	6.5	19.9
8 9	20 4.19	− 4 56.3	1.179	2.157	9.6	20.1
8 19	19 55.44	− 4 28.2	1.203	2.138	13.8	20.2
8 29	19 49.46	− 4 12.3	1.246	2.119	17.9	20.4

335044 2004 RE_{93} 7 25.4 290°.75 2°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.07	−12 30.8	1.713	2.562	15.3	21.1
6 30	20 40.63	−12 17.0	1.610	2.534	12.1	20.8
7 10	20 33.73	−12 14.1	1.529	2.506	8.2	20.5
7 20	20 24.88	−12 21.5	1.471	2.478	4.3	20.2
7 30	20 14.99	−12 37.4	1.439	2.449	3.3	20.1
8 9	20 5.24	−12 59.0	1.434	2.420	7.2	20.2
8 19	19 56.80	−13 23.0	1.452	2.391	11.6	20.4
8 29	19 50.67	−13 46.5	1.493	2.362	15.7	20.6

327223 2005 QW_{61} 7 25.4 28°.13 2°.3/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.08	−15 34.5	1.146	2.028	19.1	19.7
6 30	20 40.95	−15 9.5	1.096	2.039	14.6	19.5
7 10	20 33.89	−14 56.1	1.064	2.051	9.5	19.2
7 20	20 24.84	−14 52.6	1.053	2.064	4.2	19.0
7 30	20 15.19	−14 56.0	1.066	2.078	3.2	18.9
8 9	20 6.48	−15 2.9	1.101	2.092	8.1	19.3
8 19	19 59.95	−15 10.2	1.159	2.108	12.9	19.6
8 29	19 56.42	−15 15.6	1.236	2.125	17.0	19.9

207529 2006 KB_{4} 7 25.4 119°.87 5°.6/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.45	− 2 3.1	2.067	2.867	14.8	20.9
6 30	20 38.61	− 1 52.9	1.997	2.879	12.1	20.7
7 10	20 31.97	− 1 59.6	1.947	2.889	9.2	20.6
7 20	20 24.10	− 2 23.4	1.921	2.900	6.7	20.4
7 30	20 15.78	− 3 2.8	1.922	2.910	5.6	20.4
8 9	20 7.86	− 3 54.3	1.949	2.920	7.0	20.5
8 19	20 1.12	− 4 53.4	2.002	2.929	9.6	20.7
8 29	19 56.21	− 5 55.3	2.079	2.938	12.3	20.9

392956 2012 WK_{26} 7 25.4 249°.22 0°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.16	−17 41.0	2.056	2.908	13.0	21.6
6 30	20 40.13	−17 46.9	1.969	2.899	9.9	21.4
7 10	20 33.07	−17 59.2	1.905	2.889	6.3	21.2
7 20	20 24.54	−18 15.4	1.867	2.879	2.4	20.9
7 30	20 15.37	−18 32.7	1.856	2.869	1.9	20.9
8 9	20 6.54	−18 48.4	1.873	2.858	5.9	21.1
8 19	19 58.94	−19 0.5	1.916	2.848	9.7	21.3
8 29	19 53.34	−19 7.8	1.982	2.837	13.0	21.5

507117 2009 SP_{128} 7 25.4 1°.01 0°.7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.87	−20 5.5	1.435	2.310	16.3	21.5
6 30	20 41.35	−20 18.1	1.368	2.310	12.3	21.2
7 10	20 34.13	−20 37.6	1.321	2.309	7.8	21.0
7 20	20 24.96	−20 59.9	1.297	2.309	2.8	20.7
7 30	20 15.05	−21 20.3	1.298	2.310	2.6	20.7
8 9	20 5.77	−21 35.0	1.324	2.310	7.6	21.0
8 19	19 58.34	−21 41.9	1.373	2.311	12.2	21.2
8 29	19 53.65	−21 40.5	1.443	2.313	16.2	21.5

399071 2014 CX_{19} 7 25.4 218°.96 5°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.24	− 2 22.1	1.980	2.788	15.1	20.8
6 30	20 37.93	− 2 35.1	1.896	2.784	12.4	20.7
7 10	20 31.69	− 3 7.3	1.832	2.781	9.3	20.5
7 20	20 24.06	− 3 58.3	1.792	2.777	6.4	20.3
7 30	20 15.80	− 5 5.8	1.779	2.773	5.2	20.2
8 9	20 7.83	− 6 25.0	1.792	2.769	6.9	20.3
8 19	20 1.01	− 7 50.2	1.831	2.765	9.9	20.5
8 29	19 56.08	− 9 15.6	1.894	2.760	13.0	20.7

365713 2010 VH_{170} 7 25.4 349°.82 7°.7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.69	−37 45.5	1.970	2.834	13.0	20.2
6 30	20 40.31	−39 14.6	1.908	2.830	10.6	20.0
7 10	20 33.44	−40 37.6	1.870	2.827	8.5	19.9
7 20	20 24.73	−41 46.7	1.856	2.824	7.7	19.8
7 30	20 15.25	−42 35.3	1.867	2.822	8.6	19.9
8 9	20 6.24	−43 0.0	1.902	2.820	10.7	20.0
8 19	19 58.86	−43 0.9	1.960	2.819	13.1	20.2
8 29	19 53.98	−42 40.9	2.037	2.818	15.4	20.3

399005 2013 GZ_{8} 7 25.4 317°.69 5°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.78	− 0 25.3	2.198	2.993	14.2	20.9
6 30	20 35.89	− 0 18.5	2.113	2.989	11.8	20.7
7 10	20 30.32	− 0 29.1	2.049	2.985	9.2	20.5
7 20	20 23.55	− 0 57.7	2.008	2.981	6.9	20.4
7 30	20 16.27	− 1 43.0	1.993	2.977	5.9	20.3
8 9	20 9.25	− 2 41.9	2.005	2.973	7.0	20.4
8 19	20 3.23	− 3 49.9	2.042	2.970	9.4	20.5
8 29	19 58.85	− 5 2.0	2.103	2.966	12.1	20.7

155734 2000 RJ_{97} 7 25.4 14°.34 10°.9/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.54	+ 3 14.2	1.451	2.254	19.8	19.2
6 30	20 38.66	+ 4 33.3	1.386	2.257	17.1	19.0
7 10	20 32.36	+ 5 28.5	1.339	2.260	14.3	18.8
7 20	20 24.34	+ 5 55.3	1.312	2.263	11.9	18.7
7 30	20 15.61	+ 5 51.6	1.306	2.267	10.9	18.6
8 9	20 7.39	+ 5 19.6	1.323	2.272	11.8	18.7
8 19	20 0.76	+ 4 24.9	1.360	2.277	14.0	18.9
8 29	19 56.56	+ 3 15.3	1.418	2.283	16.6	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
376561 2013 PM_9			7 25.4 243°.94		0°.8/25.1 18	
	h m	° ′			°	m
6 20	20 48.85	−20 54.4	1.651	2.514	15.1	21.0
6 30	20 43.40	−20 59.8	1.571	2.507	11.5	20.8
7 10	20 35.36	−21 9.8	1.512	2.499	7.2	20.5
7 20	20 25.42	−21 21.0	1.478	2.490	2.6	20.2
7 30	20 14.68	−21 29.5	1.470	2.482	2.5	20.2
8 9	20 4.43	−21 32.4	1.489	2.473	7.2	20.5
8 19	19 55.86	−21 28.3	1.532	2.464	11.6	20.7
8 29	19 49.87	−21 17.3	1.597	2.455	15.5	20.9
237013 2008 RX_{140}			7 25.4 166°.25		2°.4/26.9 18	
6 20	20 44.42	−11 16.5	2.220	3.052	12.9	21.0
6 30	20 39.30	−11 20.7	2.142	3.056	10.0	20.8
7 10	20 32.41	−11 35.2	2.087	3.059	6.8	20.6
7 20	20 24.29	−11 58.5	2.057	3.062	3.5	20.4
7 30	20 15.67	−12 28.2	2.056	3.064	2.7	20.4
8 9	20 7.42	−13 1.4	2.082	3.066	5.5	20.6
8 19	20 0.29	−13 35.2	2.135	3.068	8.8	20.8
8 29	19 54.94	−14 7.1	2.212	3.069	11.8	21.0
94303 2001 EH_{17}			7 25.4 173°.02		0°.4/25.8 18	
6 20	20 41.52	−14 13.1	2.844	3.678	10.3	19.6
6 30	20 36.86	−15 9.1	2.761	3.680	7.8	19.4
7 10	20 30.78	−16 13.6	2.703	3.682	5.0	19.2
7 20	20 23.69	−17 23.7	2.673	3.684	1.9	19.0
7 30	20 16.17	−18 35.7	2.672	3.685	1.4	19.0
8 9	20 8.85	−19 45.9	2.702	3.685	4.5	19.2
8 19	20 2.35	−20 50.9	2.760	3.686	7.4	19.4
8 29	19 57.21	−21 48.5	2.845	3.686	9.9	19.5
477960 2011 SB_{23}			7 25.4 311°.39		0°.4/25.6 18	
6 20	20 43.19	−17 25.8	1.883	2.743	13.7	21.3
6 30	20 38.81	−17 37.7	1.802	2.736	10.4	21.0
7 10	20 32.32	−17 57.2	1.744	2.729	6.6	20.8
7 20	20 24.30	−18 21.6	1.710	2.722	2.5	20.5
7 30	20 15.64	−18 47.5	1.702	2.715	2.0	20.5
8 9	20 7.36	−19 11.6	1.722	2.708	6.2	20.7
8 19	20 0.40	−19 31.4	1.766	2.702	10.1	20.9
8 29	19 55.52	−19 45.2	1.834	2.696	13.6	21.2
478879 2012 VL_{106}			7 25.4 311°.79		4°.3/23.1 18	
6 20	20 44.65	−27 22.5	1.619	2.497	14.6	21.3
6 30	20 40.52	−28 15.7	1.541	2.483	11.2	21.0
7 10	20 33.71	−29 11.3	1.484	2.469	7.5	20.8
7 20	20 24.89	−30 2.6	1.450	2.455	4.6	20.6
7 30	20 15.13	−30 42.7	1.443	2.442	5.5	20.6
8 9	20 5.80	−31 6.8	1.460	2.429	9.1	20.8
8 19	19 58.14	−31 13.3	1.500	2.416	13.0	21.0
8 29	19 53.16	−31 3.4	1.561	2.404	16.5	21.2
58728 1998 DR_{23}			7 25.4 143°.27		0°.7/25.8 18	
6 20	20 43.26	−16 13.7	2.230	3.077	12.3	20.3
6 30	20 38.46	−16 26.6	2.154	3.080	9.3	20.1
7 10	20 31.90	−16 46.5	2.101	3.083	5.9	19.9
7 20	20 24.12	−17 11.3	2.074	3.085	2.3	19.7
7 30	20 15.86	−17 38.0	2.076	3.088	1.7	19.7
8 9	20 7.98	−18 3.9	2.104	3.090	5.3	19.9
8 19	20 1.24	−18 26.6	2.160	3.092	8.7	20.1
8 29	19 56.26	−18 44.6	2.239	3.094	11.7	20.3
138070 2000 DA_{53}			7 25.4 99°.04		1°.0/25.9 17	
6 20	20 47.68	−15 42.1	1.649	2.504	15.5	20.3
6 30	20 42.19	−15 54.1	1.589	2.519	11.8	20.1
7 10	20 34.39	−16 15.8	1.551	2.534	7.5	19.9
7 20	20 25.02	−16 44.0	1.538	2.549	3.0	19.7
7 30	20 15.14	−17 14.6	1.551	2.563	2.2	19.6
8 9	20 5.92	−17 44.0	1.591	2.578	6.6	20.0
8 19	19 58.38	−18 9.1	1.655	2.591	10.7	20.2
8 29	19 53.23	−18 28.3	1.742	2.605	14.2	20.5
471125 2010 CG_{248}			7 25.4 244°.26		4°.2/24.3 18	
6 20	20 56.06	−31 51.1	1.823	2.677	14.3	21.3
6 30	20 48.60	−31 43.7	1.746	2.673	11.1	21.0
7 10	20 38.46	−31 29.4	1.692	2.669	7.6	20.8
7 20	20 26.48	−31 3.4	1.663	2.665	4.6	20.6
7 30	20 13.92	−30 22.7	1.661	2.660	4.9	20.6
8 9	20 2.17	−29 27.2	1.687	2.655	8.1	20.8
8 19	19 52.41	−28 19.7	1.739	2.651	11.7	21.0
8 29	19 45.43	−27 4.5	1.814	2.646	15.0	21.2
259691 2003 YV_2			7 25.4 117°.97		9°.9/19.2 18	
6 20	20 59.78	−45 58.1	2.077	2.901	13.9	21.1
6 30	20 51.69	−47 39.6	2.044	2.925	11.9	21.0
7 10	20 40.54	−49 6.3	2.033	2.949	10.4	21.0
7 20	20 27.25	−50 9.4	2.047	2.971	9.9	21.0
7 30	20 13.29	−50 42.8	2.087	2.993	10.5	21.0
8 9	20 0.31	−50 45.6	2.150	3.013	12.0	21.2
8 19	19 49.65	−50 21.4	2.234	3.033	13.7	21.3
8 29	19 42.21	−49 35.9	2.338	3.052	15.4	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
84034 2002 PL_{49}			7 25.4 288°.86		4°.5/27.7 18	
	h m	° ′			°	m
6 20	20 42.73	− 7 12.4	1.933	2.762	14.6	20.2
6 30	20 38.52	− 6 56.5	1.833	2.739	11.8	19.9
7 10	20 32.24	− 6 54.4	1.753	2.715	8.6	19.7
7 20	20 24.35	− 7 6.5	1.697	2.692	5.6	19.4
7 30	20 15.64	− 7 31.8	1.667	2.668	4.6	19.3
8 9	20 7.09	− 8 7.6	1.664	2.645	7.0	19.4
8 19	19 59.66	− 8 50.3	1.686	2.621	10.5	19.6
8 29	19 54.19	− 9 35.6	1.730	2.597	14.0	19.8
133030 2002 XC_{69}			7 25.4 213°.92		15°.0/19.8 15	
6 20	21 12.01	−50 40.8	1.377	2.203	19.6	20.7
6 30	21 3.18	−52 13.2	1.321	2.197	17.4	20.5
7 10	20 48.88	−53 24.4	1.282	2.190	15.7	20.4
7 20	20 30.45	−53 58.0	1.264	2.182	15.0	20.3
7 30	20 10.61	−53 42.6	1.266	2.174	15.8	20.4
8 9	19 52.63	−52 37.3	1.289	2.164	17.6	20.5
8 19	19 38.99	−50 50.8	1.331	2.154	20.0	20.6
8 29	19 30.88	−48 37.0	1.390	2.143	22.5	20.7
396830 2004 RV_{146}			7 25.4 334°.53		3°.5/27.4 15	
6 20	20 39.77	− 9 12.4	1.853	2.697	14.6	20.8
6 30	20 36.25	− 9 9.2	1.768	2.686	11.5	20.6
7 10	20 30.74	− 9 19.8	1.705	2.676	8.1	20.4
7 20	20 23.78	− 9 43.5	1.665	2.666	4.8	20.1
7 30	20 16.17	−10 18.1	1.651	2.657	3.7	20.1
8 9	20 8.86	−11 0.1	1.662	2.648	6.5	20.2
8 19	20 2.76	−11 45.5	1.699	2.640	10.1	20.4
8 29	19 58.61	−12 30.3	1.758	2.633	13.5	20.6
505992 2015 GV_{37}			7 25.4 156°.99		3°.0/23.7 17	
6 20	20 47.68	−25 10.9	1.938	2.800	13.3	22.0
6 30	20 42.17	−25 59.6	1.870	2.805	10.0	21.8
7 10	20 34.42	−26 50.6	1.825	2.809	6.4	21.6
7 20	20 25.08	−27 38.5	1.806	2.813	3.3	21.5
7 30	20 15.12	−28 18.0	1.814	2.817	4.0	21.5
8 9	20 5.67	−28 45.5	1.849	2.820	7.3	21.7
8 19	19 57.72	−28 59.7	1.910	2.823	10.8	21.9
8 29	19 52.04	−29 1.2	1.993	2.826	13.8	22.1
234311 2001 AL_{53}			7 25.4 167°.22		0°.1/25.4 18	
6 20	20 48.17	−19 40.8	2.190	3.037	12.5	20.4
6 30	20 42.15	−19 38.3	2.114	3.041	9.4	20.2
7 10	20 34.22	−19 39.5	2.061	3.044	5.9	20.0
7 20	20 24.97	−19 42.0	2.035	3.047	2.1	19.7
7 30	20 15.24	−19 43.6	2.037	3.049	1.8	19.7
8 9	20 5.97	−19 42.4	2.067	3.051	5.6	20.0
8 19	19 58.01	−19 37.4	2.125	3.052	9.1	20.2
8 29	19 52.00	−19 28.4	2.206	3.053	12.2	20.4
128874 2004 SB_{41}			7 25.4 260°.79		2°.1/26.6 18	
6 20	20 43.62	−11 57.6	1.870	2.715	14.4	20.4
6 30	20 39.21	−12 16.3	1.781	2.703	11.2	20.2
7 10	20 32.66	−12 48.0	1.714	2.691	7.5	20.0
7 20	20 24.50	−13 30.7	1.671	2.679	3.6	19.7
7 30	20 15.57	−14 20.9	1.655	2.666	2.6	19.6
8 9	20 6.92	−15 14.2	1.666	2.653	6.3	19.8
8 19	19 59.50	−16 6.1	1.703	2.640	10.3	20.0
8 29	19 54.17	−16 53.2	1.762	2.627	13.9	20.2
357814 2005 TZ_{181}			7 25.4 186°.71		4°.6/28.6 18	
6 20	20 41.09	− 4 1.5	2.395	3.200	12.9	21.5
6 30	20 36.72	− 3 54.8	2.312	3.200	10.5	21.3
7 10	20 30.79	− 4 1.8	2.251	3.199	7.8	21.1
7 20	20 23.75	− 4 22.4	2.215	3.199	5.5	21.0
7 30	20 16.25	− 4 55.3	2.206	3.198	4.6	20.9
8 9	20 9.03	− 5 37.9	2.224	3.198	6.0	21.0
8 19	20 2.77	− 6 26.6	2.268	3.197	8.6	21.2
8 29	19 58.05	− 7 17.9	2.337	3.196	11.2	21.4
306942 2001 UP_{130}			7 25.4 347°.61		4°.2/23.8 17	
6 20	20 41.50	−24 15.1	0.964	1.873	19.5	19.6
6 30	20 39.30	−25 5.1	0.905	1.864	14.8	19.3
7 10	20 33.51	−26 2.4	0.863	1.857	9.6	19.0
7 20	20 24.95	−26 58.5	0.840	1.851	4.8	18.7
7 30	20 15.21	−27 43.5	0.838	1.846	5.8	18.7
8 9	20 6.26	−28 10.0	0.858	1.842	11.0	19.0
8 19	19 59.82	−28 15.7	0.896	1.840	16.3	19.3
8 29	19 57.09	−28 1.8	0.951	1.839	20.9	19.5
278234 2007 EE_{115}			7 25.4 220°.98		0°.1/25.4 17	
6 20	20 45.23	−17 24.1	1.806	2.664	14.3	21.1
6 30	20 40.45	−17 54.2	1.728	2.661	10.8	20.9
7 10	20 33.43	−18 33.2	1.672	2.657	6.8	20.6
7 20	20 24.76	−19 17.6	1.641	2.653	2.4	20.4
7 30	20 15.39	−20 2.8	1.637	2.649	2.1	20.3
8 9	20 6.41	−20 44.2	1.659	2.645	6.5	20.6
8 19	19 58.85	−21 18.8	1.707	2.640	10.6	20.8
8 29	19 53.52	−21 44.6	1.778	2.636	14.2	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
182020 1999 YZ_{16}			7 25.4 134.°78		0.°6/25.7 17	
	h m	° ′			°	m
6 20	20 46.84	−15 56.8	1.738	2.592	14.9	20.9
6 30	20 41.60	−16 23.2	1.670	2.600	11.3	20.7
7 10	20 34.08	−16 59.6	1.625	2.608	7.2	20.5
7 20	20 24.97	−17 42.3	1.604	2.616	2.7	20.2
7 30	20 15.25	−18 26.8	1.610	2.623	2.1	20.2
8 9	20 6.07	−19 8.6	1.643	2.629	6.5	20.5
8 19	19 58.42	−19 44.5	1.702	2.636	10.6	20.7
8 29	19 53.09	−20 12.4	1.783	2.642	14.1	21.0
246875 1994 WR_{6}			7 25.4 358.°30		6.°1/20.7 18	
6 20	20 44.20	−32 52.1	2.053	2.920	12.4	19.6
6 30	20 39.76	−34 27.2	1.989	2.919	9.8	19.5
7 10	20 33.04	−36 0.4	1.948	2.919	7.3	19.3
7 20	20 24.64	−37 24.3	1.934	2.918	6.1	19.2
7 30	20 15.49	−38 32.0	1.946	2.918	7.0	19.3
8 9	20 6.72	−39 19.4	1.984	2.918	9.4	19.4
8 19	19 59.37	−39 45.4	2.045	2.919	12.0	19.6
8 29	19 54.29	−39 51.4	2.128	2.919	14.5	19.8
185272 2006 UL_{159}			7 25.4 316.°12		0.°6/25.1 18	
6 20	20 42.69	−19 10.1	1.893	2.756	13.5	21.3
6 30	20 38.48	−19 39.7	1.813	2.749	10.2	21.0
7 10	20 32.16	−20 16.4	1.756	2.743	6.4	20.8
7 20	20 24.30	−20 56.8	1.723	2.736	2.3	20.5
7 30	20 15.79	−21 36.4	1.718	2.730	2.2	20.5
8 9	20 7.64	−22 11.3	1.739	2.724	6.4	20.8
8 19	20 0.80	−22 38.6	1.785	2.718	10.3	21.0
8 29	19 56.05	−22 57.1	1.854	2.712	13.7	21.2
482174 2010 TZ_{183}			7 25.4 346.°29		5.°1/28.3 18	
6 20	20 40.66	− 5 22.2	1.891	2.717	15.0	21.1
6 30	20 36.81	− 5 3.1	1.811	2.713	12.2	20.9
7 10	20 31.04	− 4 59.4	1.752	2.709	9.0	20.7
7 20	20 23.89	− 5 11.5	1.717	2.706	6.2	20.5
7 30	20 16.15	− 5 38.3	1.707	2.703	5.2	20.4
8 9	20 8.75	− 6 16.6	1.722	2.701	7.1	20.6
8 19	20 2.56	− 7 2.5	1.763	2.699	10.1	20.7
8 29	19 58.27	− 7 51.5	1.826	2.697	13.2	20.9
431365 2007 DR_{94}			7 25.4 185.°43		1.°3/24.6 17	
6 20	20 47.23	−20 53.2	2.047	2.901	13.0	22.4
6 30	20 41.72	−21 31.9	1.970	2.901	9.8	22.2
7 10	20 34.11	−22 16.1	1.916	2.901	6.1	22.0
7 20	20 24.99	−23 1.5	1.888	2.900	2.3	21.8
7 30	20 15.23	−23 43.5	1.889	2.898	2.6	21.8
8 9	20 5.88	−24 18.3	1.917	2.896	6.4	22.0
8 19	19 57.85	−24 43.7	1.971	2.893	10.0	22.2
8 29	19 51.92	−24 59.1	2.049	2.890	13.2	22.4
161501 2004 RV_{19}			7 25.4 352.°00		3.°8/23.4 16	
6 20	20 39.78	−23 8.2	1.192	2.090	17.3	19.4
6 30	20 37.41	−24 20.4	1.128	2.083	13.1	19.1
7 10	20 32.04	−25 41.7	1.084	2.077	8.4	18.8
7 20	20 24.38	−27 3.7	1.062	2.072	4.3	18.6
7 30	20 15.72	−28 16.8	1.063	2.069	5.4	18.6
8 9	20 7.66	−29 12.9	1.086	2.066	10.0	18.9
8 19	20 1.63	−29 48.2	1.131	2.065	14.6	19.2
8 29	19 58.69	−30 2.4	1.194	2.065	18.7	19.4
206082 2002 RJ_{75}			7 25.4 319.°24		1.°0/24.9 18	
6 20	20 45.10	−21 23.6	1.754	2.621	14.2	20.0
6 30	20 40.43	−21 34.5	1.676	2.614	10.7	19.8
7 10	20 33.44	−21 49.8	1.620	2.608	6.8	19.5
7 20	20 24.78	−22 5.9	1.589	2.602	2.5	19.3
7 30	20 15.42	−22 19.3	1.584	2.596	2.5	19.2
8 9	20 6.54	−22 26.9	1.606	2.590	6.8	19.5
8 19	19 59.15	−22 27.2	1.652	2.584	10.9	19.7
8 29	19 54.10	−22 19.9	1.720	2.579	14.5	19.9
215987 2005 SW_{60}			7 25.4 1.°48		0.°8/25.9 18	
6 20	20 41.31	−16 6.4	1.728	2.593	14.5	19.7
6 30	20 37.50	−16 19.8	1.656	2.592	11.0	19.5
7 10	20 31.55	−16 42.6	1.606	2.591	7.1	19.2
7 20	20 24.09	−17 12.1	1.580	2.592	2.8	19.0
7 30	20 16.01	−17 44.7	1.580	2.592	2.0	18.9
8 9	20 8.40	−18 16.3	1.605	2.594	6.3	19.2
8 19	20 2.18	−18 44.0	1.655	2.596	10.4	19.4
8 29	19 58.12	−19 5.6	1.728	2.598	13.9	19.7
2490 Bussolini			7 25.4 254.°85		7.°4/29.5 18	
6 20	20 43.20	+ 0 41.8	1.986	2.776	15.6	16.5
6 30	20 38.74	+ 1 16.4	1.895	2.765	13.2	16.3
7 10	20 32.29	+ 1 33.1	1.825	2.753	10.6	16.1
7 20	20 24.37	+ 1 29.8	1.776	2.740	8.4	15.9
7 30	20 15.75	+ 1 6.1	1.753	2.728	7.4	15.8
8 9	20 7.36	+ 0 24.2	1.755	2.715	8.6	15.9
8 19	20 0.09	− 0 31.8	1.782	2.702	11.0	16.0
8 29	19 54.71	− 1 36.3	1.832	2.689	13.8	16.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
321249 2009 BC_{150}			7 25.4 213.°65		1.°4/26.3 18	
	h m	° ′			°	m
6 20	20 43.31	−13 42.0	2.133	2.976	12.9	21.6
6 30	20 38.65	−13 58.6	2.051	2.973	9.9	21.4
7 10	20 32.13	−14 24.9	1.991	2.970	6.5	21.2
7 20	20 24.28	−14 58.7	1.958	2.967	2.9	20.9
7 30	20 15.87	−15 37.0	1.952	2.963	2.0	20.9
8 9	20 7.79	−16 16.3	1.973	2.959	5.6	21.1
8 19	20 0.84	−16 53.5	2.021	2.955	9.1	21.3
8 29	19 55.72	−17 26.2	2.093	2.951	12.3	21.5
482377 2011 YF_{69}			7 25.4 189.°92		0.°1/25.3 18	
6 20	20 41.80	−17 24.0	2.850	3.693	10.1	21.8
6 30	20 37.10	−18 1.6	2.767	3.691	7.6	21.6
7 10	20 30.97	−18 45.3	2.708	3.690	4.8	21.4
7 20	20 23.84	−19 32.2	2.676	3.688	1.7	21.2
7 30	20 16.26	−20 19.4	2.674	3.686	1.5	21.2
8 9	20 8.92	−21 3.9	2.701	3.683	4.6	21.4
8 19	20 2.42	−21 43.4	2.756	3.680	7.4	21.6
8 29	19 57.31	−22 16.3	2.836	3.677	9.9	21.7
483876 2005 YN_{163}			7 25.4 202.°00		0.°6/24.9 18	
6 20	20 42.37	−17 2.0	2.674	3.516	10.6	21.0
6 30	20 37.69	−18 13.9	2.588	3.514	8.0	20.9
7 10	20 31.44	−19 34.2	2.528	3.511	5.0	20.7
7 20	20 24.03	−20 58.8	2.496	3.508	1.8	20.4
7 30	20 16.08	−22 23.1	2.494	3.505	1.8	20.4
8 9	20 8.32	−23 42.6	2.522	3.502	5.1	20.7
8 19	20 1.43	−24 53.7	2.579	3.498	8.1	20.8
8 29	19 56.02	−25 54.3	2.661	3.494	10.7	21.0
255000 2005 TW_{11}			7 25.4 337.°98		2.°6/23.9 18	
6 20	20 42.69	−24 21.4	1.825	2.698	13.5	20.1
6 30	20 38.62	−24 59.2	1.749	2.690	10.2	19.9
7 10	20 32.32	−25 40.2	1.696	2.684	6.5	19.7
7 20	20 24.40	−26 19.8	1.668	2.677	3.1	19.5
7 30	20 15.79	−26 52.9	1.665	2.671	3.7	19.5
8 9	20 7.61	−27 15.9	1.689	2.666	7.3	19.7
8 19	20 0.86	−27 26.9	1.737	2.661	11.0	19.9
8 29	19 56.34	−27 26.0	1.807	2.656	14.3	20.1
6569 Ondaatje			7 25.4 12.°32		8.°3/15.8 18	R
6 20	20 9.60	+ 5 3.9	0.319	1.267	33.5	15.8
6 30	20 16.03	− 5 7.4	0.281	1.268	23.7	15.3
7 10	20 19.41	−18 31.8	0.263	1.272	11.9	14.7
7 20	20 20.05	−32 43.8	0.270	1.280	10.3	14.8
7 30	20 19.42	−44 29.0	0.302	1.293	20.3	15.4
8 9	20 20.05	−52 25.2	0.351	1.308	28.6	16.0
8 19	20 24.21	−56 58.8	0.413	1.327	34.2	16.5
8 29	20 33.38	−59 3.9	0.482	1.348	37.5	17.0
216965 2000 DH_{58}			7 25.4 224.°81		4.°0/28.3 18	
6 20	20 42.73	− 5 13.1	2.358	3.166	13.0	21.1
6 30	20 38.08	− 5 18.6	2.264	3.157	10.5	20.9
7 10	20 31.73	− 5 38.2	2.193	3.147	7.7	20.7
7 20	20 24.15	− 6 11.3	2.147	3.137	5.1	20.6
7 30	20 16.00	− 6 56.3	2.129	3.127	4.1	20.5
8 9	20 8.06	− 7 49.8	2.138	3.116	5.9	20.6
8 19	20 1.08	− 8 48.1	2.174	3.105	8.8	20.7
8 29	19 55.71	− 9 47.2	2.235	3.093	11.6	20.9
504049 2005 WN_{68}			7 25.4 202.°34		2.°4/26.8 17	
6 20	20 46.07	−11 42.1	2.177	3.007	13.1	22.7
6 30	20 40.69	−11 42.3	2.090	3.003	10.2	22.5
7 10	20 33.41	−11 52.5	2.026	2.999	6.9	22.3
7 20	20 24.76	−12 11.3	1.988	2.993	3.6	22.1
7 30	20 15.52	−12 36.6	1.978	2.987	2.7	22.0
8 9	20 6.60	−13 5.6	1.996	2.981	5.7	22.2
8 19	19 58.82	−13 35.3	2.041	2.973	9.2	22.4
8 29	19 52.89	−14 3.5	2.110	2.965	12.3	22.6
115005 2003 QW_{77}			7 25.4 306.°52		3.°1/24.4 18	
6 20	20 47.90	−25 15.6	1.281	2.166	17.3	19.1
6 30	20 43.63	−25 29.2	1.200	2.146	13.3	18.8
7 10	20 36.06	−25 44.8	1.137	2.127	8.6	18.5
7 20	20 25.90	−25 56.9	1.097	2.108	4.0	18.2
7 30	20 14.51	−25 59.3	1.081	2.089	4.5	18.2
8 9	20 3.61	−25 48.2	1.088	2.071	9.5	18.4
8 19	19 54.83	−25 23.2	1.117	2.053	14.6	18.6
8 29	19 49.36	−24 46.3	1.165	2.036	19.1	18.8
327792 2006 UD_{231}			7 25.4 287.°95		4.°9/22.9 18	
6 20	20 46.85	−27 11.4	1.463	2.343	15.8	20.9
6 30	20 42.56	−28 16.9	1.385	2.328	12.1	20.7
7 10	20 35.25	−29 26.3	1.327	2.313	8.2	20.4
7 20	20 25.58	−30 31.6	1.293	2.298	5.1	20.2
7 30	20 14.77	−31 24.3	1.284	2.283	6.1	20.2
8 9	20 4.38	−31 58.2	1.299	2.268	10.0	20.4
8 19	19 55.86	−32 11.3	1.337	2.253	14.3	20.6
8 29	19 50.37	−32 4.8	1.394	2.238	18.1	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
515109 2010 WV_{61}			7 25.4 229.°57		0.°7/24.9 18	
	h m	° ′			°	m
6 20	20 42.34	−20 29.8	2.679	3.529	10.4	22.2
6 30	20 37.63	−20 54.0	2.593	3.522	7.8	22.1
7 10	20 31.37	−21 22.1	2.531	3.516	4.9	21.9
7 20	20 24.01	−21 51.5	2.496	3.508	1.8	21.6
7 30	20 16.18	−22 19.3	2.490	3.501	1.8	21.6
8 9	20 8.61	−22 43.1	2.513	3.494	5.0	21.8
8 19	20 1.97	−23 1.2	2.562	3.486	7.9	22.0
8 29	19 56.84	−23 12.7	2.636	3.478	10.6	22.2
260444 2004 XH_{166}			7 25.4 273.°82		2.°2/23.9 18	
6 20	20 43.42	−25 12.1	2.444	3.303	11.0	20.9
6 30	20 38.67	−25 41.8	2.357	3.290	8.3	20.7
7 10	20 32.13	−26 12.9	2.294	3.278	5.3	20.5
7 20	20 24.31	−26 42.1	2.257	3.265	2.6	20.3
7 30	20 15.92	−27 5.8	2.248	3.253	3.1	20.3
8 9	20 7.82	−27 21.4	2.267	3.240	6.0	20.5
8 19	20 0.79	−27 27.6	2.312	3.228	9.1	20.7
8 29	19 55.50	−27 24.4	2.381	3.215	11.8	20.8
501673 2014 TD_{28}			7 25.4 85.°44		5.°7/22.8 17	
6 20	20 49.64	−28 36.5	1.326	2.208	17.0	20.9
6 30	20 44.67	−29 46.1	1.269	2.212	13.0	20.7
7 10	20 36.49	−30 56.4	1.232	2.216	8.9	20.5
7 20	20 25.97	−31 58.0	1.219	2.221	5.9	20.3
7 30	20 14.56	−32 42.2	1.229	2.225	6.8	20.4
8 9	20 3.98	−33 4.3	1.264	2.229	10.5	20.6
8 19	19 55.68	−33 4.0	1.320	2.234	14.6	20.9
8 29	19 50.65	−32 44.4	1.396	2.238	18.1	21.1
134538 1999 RQ_{84}			7 25.4 345.°62		3.°9/26.8 17	
6 20	20 37.89	−12 40.7	0.984	1.879	20.4	19.0
6 30	20 36.27	−12 13.5	0.917	1.866	16.0	18.7
7 10	20 31.50	−12 3.0	0.866	1.853	11.0	18.4
7 20	20 24.27	−12 9.2	0.834	1.843	5.8	18.1
7 30	20 15.93	−12 29.9	0.823	1.834	4.4	18.0
8 9	20 8.17	−12 59.9	0.833	1.827	9.2	18.2
8 19	20 2.54	−13 33.7	0.862	1.822	14.6	18.5
8 29	20 0.19	−14 5.6	0.908	1.819	19.5	18.8
183246 2002 TT_{121}			7 25.4 53.°93		1.°0/25.1 18	
6 20	20 49.00	−21 34.9	1.406	2.279	16.7	19.7
6 30	20 43.68	−21 35.7	1.346	2.287	12.6	19.5
7 10	20 35.58	−21 40.7	1.306	2.295	7.9	19.2
7 20	20 25.57	−21 46.1	1.290	2.303	2.9	19.0
7 30	20 14.94	−21 48.0	1.300	2.311	2.7	19.0
8 9	20 5.13	−21 43.7	1.334	2.320	7.7	19.3
8 19	19 57.34	−21 32.5	1.392	2.329	12.2	19.6
8 29	19 52.41	−21 14.8	1.470	2.337	16.1	19.9
284805 2008 YL_{123}			7 25.4 276.°43		2.°1/26.5 18	
6 20	20 44.56	−13 38.8	1.890	2.737	14.2	21.0
6 30	20 39.79	−13 30.6	1.809	2.733	11.0	20.8
7 10	20 32.96	−13 31.8	1.751	2.729	7.3	20.5
7 20	20 24.63	−13 41.0	1.718	2.725	3.5	20.3
7 30	20 15.68	−13 56.0	1.711	2.721	2.6	20.2
8 9	20 7.13	−14 14.0	1.731	2.717	6.2	20.4
8 19	19 59.89	−14 32.6	1.776	2.713	10.0	20.7
8 29	19 54.72	−14 49.3	1.844	2.709	13.4	20.9
24433 2000 CF_{83}			7 25.4 353.°57		2.°5/27.0 18	
6 20	20 39.55	−10 11.4	1.519	2.378	16.4	16.6
6 30	20 36.49	−10 44.2	1.445	2.374	12.8	16.3
7 10	20 31.11	−11 35.2	1.391	2.370	8.6	16.1
7 20	20 24.02	−12 41.9	1.360	2.367	4.3	15.8
7 30	20 16.19	−13 58.9	1.354	2.365	2.9	15.7
8 9	20 8.76	−15 19.5	1.374	2.364	6.9	16.0
8 19	20 2.80	−16 37.1	1.417	2.364	11.2	16.2
8 29	19 59.17	−17 46.5	1.483	2.364	15.1	16.5
98041 2000 RE_{23}			7 25.4 269.°87		3.°5/24.2 18	
6 20	20 50.65	−26 28.4	1.442	2.316	16.3	18.9
6 30	20 45.32	−26 51.0	1.364	2.305	12.5	18.6
7 10	20 36.90	−27 14.5	1.308	2.294	8.1	18.4
7 20	20 26.16	−27 32.8	1.274	2.283	4.2	18.1
7 30	20 14.41	−27 40.0	1.266	2.272	4.7	18.1
8 9	20 3.26	−27 32.6	1.283	2.260	9.1	18.3
8 19	19 54.15	−27 10.6	1.323	2.249	13.6	18.6
8 29	19 48.14	−26 36.4	1.383	2.238	17.6	18.8
21033 Akahirakiyozo			7 25.4 344.°71		0.°2/25.5 18	
6 20	20 41.26	−18 57.5	1.030	1.929	19.3	16.8
6 30	20 38.83	−18 54.9	0.963	1.918	14.8	16.5
7 10	20 33.10	−19 2.0	0.915	1.908	9.4	16.1
7 20	20 24.85	−19 15.5	0.886	1.899	3.4	15.8
7 30	20 15.50	−19 30.6	0.879	1.892	2.9	15.7
8 9	20 6.83	−19 42.3	0.893	1.886	9.0	16.0
8 19	20 0.40	−19 47.5	0.927	1.881	14.7	16.3
8 29	19 57.35	−19 44.8	0.979	1.878	19.5	16.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
79923 1999 CA_{36}			7 25.4 221.°53		5.°9/21.9 18	
	h m	° ′			°	m
6 20	20 49.82	−36 14.9	2.314	3.164	11.8	19.8
6 30	20 43.74	−37 2.0	2.240	3.157	9.4	19.7
7 10	20 35.42	−37 43.2	2.188	3.150	7.2	19.5
7 20	20 25.52	−38 12.9	2.163	3.143	5.9	19.4
7 30	20 14.99	−38 26.5	2.165	3.136	6.5	19.5
8 9	20 4.94	−38 21.9	2.193	3.128	8.6	19.6
8 19	19 56.35	−37 59.8	2.245	3.119	11.1	19.7
8 29	19 50.01	−37 22.7	2.320	3.111	13.4	19.9
352463 2008 AA_{102}			7 25.4 262.°95		1.°3/24.6 18	
6 20	20 43.42	−20 39.2	2.060	2.921	12.6	20.6
6 30	20 38.91	−21 21.0	1.981	2.916	9.5	20.4
7 10	20 32.41	−22 8.9	1.924	2.911	6.0	20.2
7 20	20 24.45	−22 58.7	1.894	2.906	2.3	20.0
7 30	20 15.87	−23 45.8	1.891	2.901	2.6	20.0
8 9	20 7.62	−24 26.3	1.915	2.896	6.3	20.2
8 19	20 0.59	−24 57.6	1.965	2.890	9.9	20.4
8 29	19 55.54	−25 18.5	2.038	2.885	13.0	20.6
483220 2015 RT_{31}			7 25.4 31.°02		2.°8/24.0 18	
6 20	20 45.68	−27 8.1	2.127	2.989	12.2	20.6
6 30	20 40.47	−27 26.4	2.057	2.992	9.3	20.4
7 10	20 33.27	−27 44.0	2.011	2.995	6.0	20.2
7 20	20 24.72	−27 57.1	1.991	2.998	3.2	20.0
7 30	20 15.69	−28 2.3	1.998	3.001	3.6	20.0
8 9	20 7.18	−27 57.6	2.032	3.005	6.6	20.2
8 19	20 0.03	−27 43.0	2.092	3.008	9.8	20.4
8 29	19 54.93	−27 19.5	2.174	3.012	12.7	20.6
314061 2005 AR_{70}			7 25.4 205.°72		1.°5/24.7 17	
6 20	20 48.62	−20 48.0	1.673	2.536	15.0	21.5
6 30	20 43.28	−21 26.9	1.596	2.532	11.3	21.2
7 10	20 35.38	−22 12.8	1.542	2.528	7.1	21.0
7 20	20 25.57	−23 0.6	1.512	2.524	2.7	20.7
7 30	20 14.93	−23 44.7	1.509	2.519	3.0	20.7
8 9	20 4.76	−24 20.2	1.532	2.513	7.5	21.0
8 19	19 56.22	−24 44.5	1.580	2.507	11.7	21.2
8 29	19 50.23	−24 57.1	1.650	2.501	15.4	21.4
443633 2014 NH_{17}			7 25.4 185.°01		4.°4/28.3 18	
6 20	20 41.85	− 5 12.4	2.393	3.202	12.8	21.3
6 30	20 37.31	− 4 57.6	2.311	3.202	10.3	21.1
7 10	20 31.20	− 4 55.4	2.251	3.202	7.7	20.9
7 20	20 23.97	− 5 5.7	2.215	3.202	5.3	20.8
7 30	20 16.29	− 5 27.5	2.207	3.201	4.4	20.7
8 9	20 8.90	− 5 58.6	2.226	3.201	6.0	20.8
8 19	20 2.48	− 6 35.8	2.271	3.200	8.6	21.0
8 29	19 57.62	− 7 16.0	2.341	3.199	11.2	21.2
133047 2003 CG_{4}			7 25.5 65.°59		4.°7/28.5 18	
6 20	20 41.60	− 4 44.8	2.074	2.890	14.2	19.8
6 30	20 37.34	− 4 39.7	1.998	2.893	11.5	19.6
7 10	20 31.32	− 4 50.0	1.943	2.897	8.5	19.4
7 20	20 24.05	− 5 15.3	1.912	2.900	5.8	19.3
7 30	20 16.27	− 5 53.9	1.907	2.903	4.7	19.2
8 9	20 8.85	− 6 42.5	1.929	2.907	6.5	19.3
8 19	20 2.55	− 7 36.8	1.976	2.910	9.3	19.5
8 29	19 58.01	− 8 32.7	2.048	2.913	12.2	19.7
292994 2006 WV_{6}			7 25.5 0.°72		4.°0/27.3 17	
6 20	20 41.51	−10 2.7	1.216	2.086	19.0	19.9
6 30	20 38.40	− 9 57.6	1.151	2.084	15.0	19.6
7 10	20 32.52	−10 11.3	1.104	2.083	10.3	19.4
7 20	20 24.59	−10 42.9	1.078	2.083	5.7	19.1
7 30	20 15.81	−11 28.6	1.075	2.084	4.3	19.0
8 9	20 7.62	−12 22.5	1.095	2.085	8.2	19.3
8 19	20 1.29	−13 18.1	1.137	2.088	12.9	19.5
8 29	19 57.80	−14 9.9	1.198	2.091	17.2	19.8
361475 2007 DW_{49}			7 25.5 81.°09		7.°2/ 1.0 18	
6 20	20 40.08	+ 6 15.5	2.390	3.141	14.4	20.5
6 30	20 35.98	+ 6 11.4	2.313	3.149	12.3	20.3
7 10	20 30.36	+ 5 46.8	2.256	3.156	10.2	20.2
7 20	20 23.68	+ 5 1.1	2.222	3.164	8.2	20.1
7 30	20 16.59	+ 3 55.6	2.213	3.172	7.2	20.1
8 9	20 9.81	+ 2 33.9	2.230	3.180	7.6	20.1
8 19	20 3.98	+ 1 1.1	2.274	3.187	9.3	20.2
8 29	19 59.68	− 0 37.1	2.343	3.195	11.4	20.4
520237 2014 DX_{153}			7 25.5 26.°00		1.°1/24.9 15	
6 20	20 42.39	−20 26.9	1.412	2.294	16.1	20.3
6 30	20 38.56	−20 52.5	1.367	2.313	12.0	20.1
7 10	20 32.29	−21 24.5	1.343	2.333	7.5	19.9
7 20	20 24.40	−21 58.2	1.341	2.354	2.7	19.7
7 30	20 16.07	−22 28.5	1.364	2.376	2.7	19.7
8 9	20 8.54	−22 51.5	1.412	2.399	7.3	20.1
8 19	20 2.81	−23 5.2	1.483	2.423	11.4	20.4
8 29	19 59.59	−23 9.1	1.576	2.447	14.9	20.7

242236 2003 SE_{140} 7 25.5 305.°05 5.°1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.36	− 4 39.4	1.764	2.590	15.9	19.9
6 30	20 37.59	− 4 41.7	1.679	2.581	12.9	19.6
7 10	20 31.72	− 5 2.8	1.614	2.572	9.5	19.4
7 20	20 24.27	− 5 42.5	1.572	2.563	6.4	19.2
7 30	20 16.09	− 6 38.8	1.555	2.555	5.1	19.1
8 9	20 8.20	− 7 46.9	1.564	2.546	7.2	19.2
8 19	20 1.57	− 9 1.3	1.598	2.538	10.7	19.4
8 29	19 57.00	−10 15.9	1.655	2.530	14.2	19.6

440971 2007 CB_{3} 7 25.5 42.°07 0.°6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.24	−21 13.9	2.039	2.898	12.8	20.6
6 30	20 40.09	−21 11.5	1.972	2.906	9.6	20.4
7 10	20 33.01	−21 12.1	1.928	2.914	6.0	20.2
7 20	20 24.64	−21 13.1	1.910	2.922	2.2	20.0
7 30	20 15.85	−21 12.1	1.919	2.931	2.0	20.0
8 9	20 7.59	−21 7.4	1.956	2.940	5.8	20.3
8 19	20 0.69	−20 58.1	2.018	2.949	9.3	20.5
8 29	19 55.79	−20 44.2	2.104	2.958	12.4	20.7

360194 1995 SV_{41} 7 25.5 221.°08 3.°1/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.77	− 7 20.3	2.728	3.539	11.3	21.9
6 30	20 37.16	− 7 27.5	2.634	3.530	9.0	21.7
7 10	20 31.09	− 7 45.6	2.562	3.521	6.4	21.6
7 20	20 23.97	− 8 14.0	2.517	3.512	4.0	21.4
7 30	20 16.37	− 8 50.9	2.499	3.501	3.2	21.3
8 9	20 8.97	− 9 33.7	2.511	3.491	5.0	21.4
8 19	20 2.38	−10 19.6	2.550	3.480	7.7	21.6
8 29	19 57.18	−11 5.6	2.614	3.469	10.3	21.7

237189 2008 UY_{220} 7 25.5 93.°91 5.°2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.67	− 6 16.9	1.873	2.694	15.3	20.1
6 30	20 40.50	− 5 40.2	1.804	2.703	12.3	19.9
7 10	20 33.32	− 5 17.3	1.757	2.713	9.1	19.7
7 20	20 24.78	− 5 9.0	1.734	2.722	6.2	19.5
7 30	20 15.74	− 5 14.6	1.736	2.732	5.3	19.5
8 9	20 7.19	− 5 31.8	1.765	2.741	7.2	19.7
8 19	19 59.99	− 5 57.2	1.820	2.750	10.2	19.9
8 29	19 54.84	− 6 27.2	1.897	2.759	13.2	20.1

334415 2002 EN_{42} 7 25.5 92.°41 6.°1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.06	− 0 13.8	1.888	2.685	16.1	21.2
6 30	20 39.22	− 0 19.3	1.826	2.704	13.2	21.0
7 10	20 32.49	− 0 45.3	1.784	2.723	10.1	20.9
7 20	20 24.47	− 1 31.5	1.766	2.742	7.3	20.8
7 30	20 16.00	− 2 35.2	1.773	2.760	6.1	20.7
8 9	20 8.04	− 3 51.5	1.807	2.778	7.4	20.8
8 19	20 1.39	− 5 14.3	1.866	2.796	10.0	21.0
8 29	19 56.69	− 6 37.8	1.950	2.814	12.8	21.3

350057 2010 RZ_{179} 7 25.5 279.°85 19.°2/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.18	+18 48.1	1.155	1.894	27.3	21.0
6 30	20 39.39	+20 1.7	1.082	1.882	25.4	20.8
7 10	20 33.51	+20 32.7	1.019	1.869	23.3	20.6
7 20	20 25.10	+20 10.1	0.969	1.857	21.2	20.4
7 30	20 15.35	+18 46.0	0.934	1.845	19.7	20.3
8 9	20 5.85	+16 21.1	0.916	1.833	19.3	20.2
8 19	19 58.20	+13 5.6	0.916	1.820	20.3	20.2
8 29	19 53.72	+ 9 17.4	0.935	1.808	22.5	20.3

38182 1999 JG_{125} 7 25.5 60.°37 2.°5/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.65	−12 52.3	1.214	2.082	19.1	19.7
6 30	20 42.76	−12 55.9	1.167	2.102	14.7	19.5
7 10	20 35.04	−13 15.0	1.139	2.122	9.6	19.2
7 20	20 25.42	−13 46.4	1.134	2.142	4.5	19.0
7 30	20 15.28	−14 25.4	1.152	2.163	3.2	19.0
8 9	20 6.08	−15 6.3	1.194	2.184	7.8	19.3
8 19	19 59.02	−15 44.4	1.259	2.205	12.4	19.7
8 29	19 54.88	−16 16.5	1.345	2.226	16.4	20.0

394936 2008 WK_{134} 7 25.5 214.°98 8.°8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 51.23	−41 52.0	2.212	3.054	12.6	20.9
6 30	20 45.49	−43 55.2	2.149	3.048	10.6	20.8
7 10	20 36.97	−45 51.0	2.111	3.043	9.2	20.7
7 20	20 26.26	−47 30.4	2.098	3.036	8.9	20.6
7 30	20 14.42	−48 45.6	2.111	3.030	9.8	20.7
8 9	20 2.84	−49 32.4	2.149	3.023	11.6	20.8
8 19	19 52.86	−49 51.3	2.209	3.015	13.6	20.9
8 29	19 45.56	−49 45.7	2.288	3.008	15.5	21.0

316889 2000 SF_{54} 7 25.5 266.°62 2.°4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.28	−11 41.5	2.001	2.839	13.9	21.2
6 30	20 40.50	−11 46.3	1.898	2.815	10.9	20.9
7 10	20 33.57	−12 2.6	1.817	2.791	7.4	20.7
7 20	20 24.98	−12 29.4	1.760	2.766	3.8	20.4
7 30	20 15.52	−13 4.1	1.731	2.741	2.8	20.3
8 9	20 6.20	−13 43.2	1.729	2.715	6.3	20.4
8 19	19 57.99	−14 23.3	1.753	2.688	10.2	20.6
8 29	19 51.76	−15 1.2	1.801	2.662	13.9	20.8

507752 2013 YY_{26} 7 25.5 155.°44 0.°9/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.05	−20 6.2	2.158	3.011	12.5	21.8
6 30	20 40.71	−20 39.3	2.086	3.017	9.4	21.6
7 10	20 33.45	−21 17.6	2.037	3.022	5.8	21.4
7 20	20 24.84	−21 57.5	2.015	3.027	2.1	21.2
7 30	20 15.72	−22 35.0	2.021	3.032	2.2	21.2
8 9	20 7.01	−23 6.7	2.055	3.036	5.9	21.4
8 19	19 59.55	−23 30.6	2.115	3.040	9.3	21.7
8 29	19 54.03	−23 45.9	2.199	3.043	12.3	21.9

365732 2010 VZ_{213} 7 25.5 209.°50 0.°1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.21	−18 2.3	2.889	3.731	9.9	22.4
6 30	20 37.42	−18 20.8	2.801	3.726	7.5	22.2
7 10	20 31.22	−18 44.0	2.738	3.720	4.7	22.0
7 20	20 24.02	−19 9.9	2.703	3.715	1.7	21.8
7 30	20 16.40	−19 36.1	2.696	3.708	1.4	21.8
8 9	20 9.01	−20 0.4	2.719	3.702	4.5	22.0
8 19	20 2.46	−20 21.0	2.769	3.695	7.3	22.2
8 29	19 57.29	−20 36.8	2.844	3.688	9.8	22.3

33654 1999 JX_{86} 7 25.5 179.°12 5.°5/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.71	−30 57.1	1.952	2.815	13.2	18.7
6 30	20 43.25	−32 21.0	1.886	2.816	10.2	18.5
7 10	20 35.32	−33 44.0	1.842	2.817	7.3	18.3
7 20	20 25.59	−34 58.8	1.825	2.817	5.5	18.2
7 30	20 15.07	−35 58.2	1.835	2.817	6.4	18.3
8 9	20 5.00	−36 37.9	1.871	2.817	9.1	18.4
8 19	19 56.48	−36 57.2	1.931	2.816	12.1	18.6
8 29	19 50.42	−36 57.6	2.012	2.814	14.8	18.8

161706 2006 KG_{2} 7 25.5 22.°43 2.°9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.87	−14 54.8	1.151	2.029	19.3	19.3
6 30	20 42.51	−14 19.9	1.093	2.033	14.9	19.1
7 10	20 35.10	−13 56.4	1.053	2.038	9.9	18.8
7 20	20 25.52	−13 43.5	1.034	2.044	4.7	18.5
7 30	20 15.18	−13 39.0	1.039	2.050	3.6	18.5
8 9	20 5.69	−13 40.2	1.066	2.057	8.4	18.8
8 19	19 58.39	−13 44.0	1.116	2.064	13.3	19.1
8 29	19 54.21	−13 47.9	1.184	2.073	17.7	19.4

195430 2002 GP_{60} 7 25.5 237.°07 6.°5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.63	− 0 30.4	2.106	2.898	14.8	20.4
6 30	20 38.98	− 0 5.2	2.015	2.887	12.4	20.2
7 10	20 32.45	+ 0 3.2	1.944	2.877	9.8	20.0
7 20	20 24.53	− 0 6.5	1.896	2.866	7.5	19.8
7 30	20 15.95	− 0 34.4	1.874	2.854	6.6	19.7
8 9	20 7.60	− 1 17.7	1.878	2.843	7.8	19.8
8 19	20 0.31	− 2 12.8	1.908	2.830	10.3	19.9
8 29	19 54.82	− 3 14.4	1.962	2.818	13.1	20.1

410689 2008 XK_{18} 7 25.5 113.°17 4.°5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.22	−10 0.6	1.366	2.217	18.4	20.9
6 30	20 43.16	− 9 32.8	1.300	2.222	14.5	20.6
7 10	20 35.37	− 9 20.2	1.253	2.226	10.1	20.4
7 20	20 25.61	− 9 22.8	1.229	2.230	5.9	20.2
7 30	20 15.10	− 9 38.8	1.229	2.235	4.7	20.1
8 9	20 5.24	−10 4.2	1.253	2.239	8.1	20.3
8 19	19 57.25	−10 34.9	1.301	2.243	12.5	20.6
8 29	19 52.05	−11 6.5	1.370	2.247	16.4	20.8

394303 2006 VJ_{134} 7 25.5 259.°15 5.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.40	−31 38.3	2.185	3.048	12.0	20.8
6 30	20 40.56	−32 47.7	2.111	3.041	9.3	20.7
7 10	20 33.54	−33 55.7	2.059	3.033	6.7	20.5
7 20	20 24.94	−34 56.3	2.034	3.026	5.1	20.4
7 30	20 15.62	−35 43.8	2.036	3.018	5.9	20.4
8 9	20 6.65	−36 14.6	2.064	3.011	8.4	20.5
8 19	19 59.00	−36 27.6	2.117	3.003	11.1	20.7
8 29	19 53.47	−36 24.2	2.192	2.995	13.7	20.9

310608 2001 XB_{201} 7 25.5 294.°80 1.°3/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.70	−17 53.5	1.296	2.169	17.8	20.1
6 30	20 44.08	−17 27.2	1.212	2.152	13.8	19.8
7 10	20 36.31	−17 7.3	1.147	2.134	9.0	19.5
7 20	20 26.07	−16 52.4	1.104	2.116	3.7	19.1
7 30	20 14.64	−16 39.9	1.086	2.098	2.8	19.0
8 9	20 3.64	−16 27.6	1.091	2.081	8.4	19.3
8 19	19 54.60	−16 14.2	1.120	2.064	13.8	19.5
8 29	19 48.70	−15 58.8	1.167	2.047	18.5	19.7

330254 2006 RA_{46} 7 25.5 227.°95 3.°3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.14	−25 33.6	1.750	2.616	14.3	21.8
6 30	20 43.72	−26 17.8	1.671	2.608	10.9	21.6
7 10	20 35.70	−27 4.9	1.615	2.600	7.1	21.3
7 20	20 25.75	−27 48.9	1.583	2.591	3.7	21.1
7 30	20 14.95	−28 23.8	1.578	2.582	4.4	21.1
8 9	20 4.59	−28 45.6	1.600	2.572	8.1	21.3
8 19	19 55.86	−28 52.7	1.646	2.562	12.0	21.5
8 29	19 49.70	−28 46.0	1.713	2.552	15.5	21.8

206664 2003 YL_{71} 7 25.5 285°.49 0°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.91	−17 55.4	1.874	2.732	13.8	20.4
6 30	20 40.33	−18 4.2	1.780	2.713	10.6	20.2
7 10	20 33.50	−18 20.2	1.709	2.693	6.8	19.9
7 20	20 24.96	−18 40.9	1.662	2.674	2.5	19.6
7 30	20 15.60	−19 2.9	1.642	2.654	2.0	19.5
8 9	20 6.49	−19 22.8	1.648	2.635	6.4	19.8
8 19	19 58.68	−19 38.3	1.680	2.615	10.6	20.0
8 29	19 53.04	−19 47.8	1.734	2.595	14.3	20.2

198211 2004 TN_{164} 7 25.5 183°.44 6°.1/29.4 18

6 20	20 43.82	− 0 45.0	2.179	2.968	14.4	20.6
6 30	20 38.98	− 0 27.6	2.096	2.969	12.0	20.4
7 10	20 32.37	− 0 26.8	2.035	2.969	9.4	20.2
7 20	20 24.49	− 0 43.5	1.997	2.968	7.0	20.1
7 30	20 16.06	− 1 16.8	1.986	2.968	6.1	20.0
8 9	20 7.94	− 2 3.9	2.001	2.966	7.3	20.1
8 19	20 0.90	− 3 0.7	2.042	2.965	9.7	20.2
8 29	19 55.60	− 4 2.5	2.107	2.962	12.3	20.4

224197 2005 RY_{22} 7 25.5 280°.81 1°.3/24.8 18

6 20	20 46.23	−20 38.5	1.641	2.509	15.0	20.7
6 30	20 41.73	−21 9.0	1.550	2.489	11.4	20.4
7 10	20 34.60	−21 47.0	1.481	2.469	7.2	20.1
7 20	20 25.43	−22 28.2	1.436	2.448	2.7	19.8
7 30	20 15.22	−23 7.2	1.417	2.428	2.9	19.8
8 9	20 5.28	−23 39.1	1.424	2.407	7.6	20.0
8 19	19 56.87	−24 0.8	1.455	2.386	12.2	20.2
8 29	19 51.01	−24 11.3	1.507	2.366	16.2	20.4

168775 2000 RD_{30} 7 25.5 323°.85 5°.2/27.0 18

6 20	20 41.84	−10 59.3	1.108	1.986	19.8	19.6
6 30	20 39.18	−10 16.2	1.028	1.966	15.9	19.3
7 10	20 33.39	− 9 48.0	0.966	1.946	11.3	19.0
7 20	20 25.08	− 9 36.4	0.923	1.927	6.7	18.7
7 30	20 15.48	− 9 41.1	0.901	1.909	5.5	18.5
8 9	20 6.25	− 9 59.1	0.902	1.892	9.5	18.7
8 19	19 58.96	−10 26.0	0.922	1.876	14.8	18.9
8 29	19 54.87	−10 56.3	0.961	1.862	19.6	19.2

479299 2013 HU_{53} 7 25.5 193°.67 6°.0/30.2 18

6 20	20 41.47	+ 2 54.5	2.902	3.658	12.0	22.8
6 30	20 36.81	+ 3 16.9	2.813	3.655	10.2	22.6
7 10	20 30.83	+ 3 25.2	2.745	3.653	8.3	22.5
7 20	20 23.90	+ 3 18.4	2.702	3.650	6.7	22.4
7 30	20 16.56	+ 2 56.6	2.686	3.646	6.0	22.3
8 9	20 9.44	+ 2 21.6	2.696	3.642	6.6	22.4
8 19	20 3.08	+ 1 36.1	2.733	3.638	8.2	22.5
8 29	19 58.01	+ 0 43.5	2.795	3.633	10.1	22.6

186712 2004 BF_{88} 7 25.5 210°.35 1°.8/26.4 17

6 20	20 47.68	−13 41.3	1.924	2.765	14.2	21.6
6 30	20 42.22	−13 46.0	1.838	2.759	11.0	21.4
7 10	20 34.58	−14 0.7	1.775	2.752	7.3	21.2
7 20	20 25.33	−14 23.4	1.737	2.745	3.3	20.9
7 30	20 15.36	−14 51.4	1.726	2.737	2.4	20.8
8 9	20 5.75	−15 21.2	1.743	2.729	6.2	21.1
8 19	19 57.45	−15 49.7	1.786	2.720	10.2	21.3
8 29	19 51.29	−16 14.7	1.852	2.710	13.7	21.5

352165 2007 RL_{24} 7 25.5 329°.82 11°.2/20.4 18

6 20	20 50.38	−43 3.4	1.447	2.312	16.8	19.8
6 30	20 45.82	−44 10.0	1.378	2.294	14.3	19.6
7 10	20 37.58	−45 3.5	1.329	2.277	12.1	19.4
7 20	20 26.55	−45 33.1	1.301	2.260	11.2	19.3
7 30	20 14.37	−45 30.3	1.294	2.245	12.0	19.3
8 9	20 3.05	−44 52.2	1.309	2.230	14.3	19.4
8 19	19 54.32	−43 42.4	1.344	2.216	17.1	19.6
8 29	19 49.32	−42 8.1	1.397	2.204	20.0	19.7

471644 2012 TG_{89} 7 25.5 265°.42 0°.1/25.5 18

6 20	20 49.10	−19 18.7	2.165	3.011	12.7	21.9
6 30	20 43.28	−19 14.4	2.059	2.984	9.7	21.7
7 10	20 35.28	−19 14.0	1.975	2.957	6.2	21.4
7 20	20 25.62	−19 15.3	1.918	2.930	2.3	21.1
7 30	20 15.12	−19 16.0	1.889	2.901	1.9	21.0
8 9	20 4.80	−19 13.8	1.889	2.873	6.0	21.2
8 19	19 55.64	−19 7.6	1.915	2.843	10.0	21.4
8 29	19 48.49	−18 57.0	1.966	2.813	13.4	21.6

254866 2005 SE_{8} 7 25.5 317°.21 1°.9/26.6 18

6 20	20 40.50	−12 15.6	1.868	2.719	14.1	20.5
6 30	20 36.95	−12 36.6	1.777	2.704	11.0	20.3
7 10	20 31.34	−13 10.7	1.709	2.688	7.3	20.0
7 20	20 24.20	−13 55.9	1.665	2.673	3.5	19.8
7 30	20 16.31	−14 48.6	1.647	2.658	2.4	19.7
8 9	20 8.67	−15 44.3	1.655	2.644	6.2	19.9
8 19	20 2.21	−16 38.5	1.689	2.630	10.1	20.1
8 29	19 57.74	−17 27.6	1.745	2.616	13.7	20.3

21397 Leontovich 7 25.5 280°.40 4°.4/23.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 49.99	−27 55.4	1.457	2.333	16.1	18.5
6 30	20 44.94	−28 29.1	1.378	2.318	12.4	18.3
7 10	20 36.78	−29 3.3	1.319	2.304	8.3	18.0
7 20	20 26.24	−29 31.1	1.283	2.289	4.8	17.8
7 30	20 14.62	−29 45.7	1.273	2.275	5.5	17.8
8 9	20 3.54	−29 43.2	1.287	2.260	9.5	17.9
8 19	19 54.47	−29 23.4	1.324	2.246	13.9	18.2
8 29	19 48.50	−28 48.8	1.381	2.231	17.8	18.4

472824 2015 FT_{174} 7 25.5 9°.21 1°.9/26.7 16

6 20	20 41.48	−11 21.4	1.526	2.385	16.3	21.1
6 30	20 37.95	−12 1.9	1.456	2.386	12.6	20.9
7 10	20 32.07	−12 59.7	1.406	2.387	8.4	20.6
7 20	20 24.46	−14 11.1	1.380	2.389	3.8	20.3
7 30	20 16.13	−15 30.6	1.379	2.391	2.5	20.3
8 9	20 8.25	−16 51.0	1.404	2.394	6.8	20.5
8 19	20 1.89	−18 6.1	1.453	2.397	11.2	20.8
8 29	19 57.90	−19 11.3	1.524	2.401	15.1	21.1

356585 2011 SZ_{257} 7 25.5 20°.38 1°.0/24.9 18

6 20	20 44.24	−20 40.9	2.024	2.885	12.9	21.1
6 30	20 39.52	−21 5.5	1.950	2.885	9.7	20.9
7 10	20 32.80	−21 35.0	1.899	2.885	6.1	20.7
7 20	20 24.67	−22 5.9	1.873	2.885	2.2	20.4
7 30	20 15.98	−22 34.5	1.875	2.886	2.3	20.4
8 9	20 7.71	−22 57.6	1.903	2.886	6.1	20.7
8 19	20 0.74	−23 13.2	1.958	2.886	9.7	20.9
8 29	19 55.76	−23 20.6	2.035	2.887	12.9	21.1

520433 2014 JX_{91} 7 25.5 260°.47 2°.4/27.2 18

6 20	20 41.06	− 9 49.8	2.275	3.107	12.6	21.2
6 30	20 36.89	−10 12.1	2.193	3.105	9.8	21.0
7 10	20 31.06	−10 46.6	2.133	3.104	6.7	20.8
7 20	20 24.03	−11 31.5	2.099	3.102	3.6	20.6
7 30	20 16.50	−12 23.9	2.092	3.100	2.6	20.5
8 9	20 9.24	−13 19.9	2.113	3.099	5.3	20.7
8 19	20 2.99	−14 15.9	2.160	3.097	8.5	20.9
8 29	19 58.38	−15 8.6	2.233	3.095	11.5	21.1

31089 1997 BW_{1} 7 25.5 248°.26 1°.7/24.4 18

6 20	20 45.17	−23 48.7	2.571	3.422	10.7	20.3
6 30	20 39.97	−24 14.4	2.476	3.406	8.1	20.1
7 10	20 33.00	−24 42.3	2.405	3.389	5.2	19.9
7 20	20 24.75	−25 9.3	2.362	3.372	2.3	19.7
7 30	20 15.90	−25 31.9	2.347	3.354	2.6	19.7
8 9	20 7.28	−25 47.7	2.360	3.336	5.6	19.8
8 19	19 59.66	−25 55.4	2.401	3.317	8.7	20.0
8 29	19 53.71	−25 54.6	2.465	3.298	11.5	20.2

3096 Bezruč 7 25.5 338°.53 7°.0/29.6 18

6 20	20 37.88	− 1 47.7	1.402	2.239	18.7	16.1
6 30	20 35.48	− 1 43.3	1.321	2.226	15.5	15.9
7 10	20 30.67	− 2 4.5	1.258	2.213	12.0	15.6
7 20	20 24.02	− 2 52.7	1.215	2.202	8.6	15.4
7 30	20 16.47	− 4 5.9	1.196	2.191	7.0	15.3
8 9	20 9.25	− 5 38.3	1.199	2.182	8.9	15.4
8 19	20 3.49	− 7 21.4	1.225	2.173	12.5	15.6
8 29	20 0.17	− 9 5.9	1.273	2.166	16.3	15.8

236545 2006 HD_{47} 7 25.5 3°.00 1°.5/26.2 16

6 20	20 39.92	−14 28.4	1.307	2.187	17.3	20.4
6 30	20 37.09	−14 42.0	1.243	2.185	13.3	20.1
7 10	20 31.66	−15 9.8	1.198	2.185	8.7	19.9
7 20	20 24.34	−15 48.6	1.175	2.186	3.7	19.6
7 30	20 16.26	−16 33.7	1.176	2.188	2.5	19.5
8 9	20 8.77	−17 19.4	1.200	2.192	7.4	19.8
8 19	20 3.02	−18 0.7	1.247	2.196	12.1	20.1
8 29	19 59.91	−18 34.2	1.314	2.202	16.2	20.4

395533 2011 UU_{149} 7 25.5 205°.70 4°.8/28.7 18

6 20	20 41.91	− 3 35.3	2.382	3.184	13.0	21.6
6 30	20 37.43	− 3 23.2	2.297	3.181	10.6	21.4
7 10	20 31.35	− 3 25.0	2.234	3.179	8.0	21.2
7 20	20 24.14	− 3 40.7	2.195	3.176	5.7	21.1
7 30	20 16.44	− 4 9.4	2.183	3.173	4.8	21.0
8 9	20 9.00	− 4 48.4	2.198	3.170	6.2	21.1
8 19	20 2.52	− 5 34.6	2.240	3.167	8.7	21.2
8 29	19 57.61	− 6 24.1	2.306	3.164	11.3	21.4

183694 2003 YQ_{29} 7 25.5 214°.98 0°.6/25.8 18

6 20	20 47.62	−16 22.7	1.827	2.678	14.4	21.4
6 30	20 42.33	−16 41.5	1.744	2.672	11.0	21.1
7 10	20 34.73	−17 9.3	1.683	2.665	7.1	20.9
7 20	20 25.43	−17 43.4	1.647	2.658	2.7	20.6
7 30	20 15.36	−18 19.6	1.638	2.650	2.0	20.5
8 9	20 5.65	−18 53.9	1.656	2.642	6.5	20.8
8 19	19 57.36	−19 23.2	1.700	2.633	10.6	21.0
8 29	19 51.33	−19 45.8	1.767	2.624	14.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470360 2007 SL_{11}			7 25.5 299°.27		9°.2/19.7 18	
	h m	° ′			°	m
6 20	20 52.93	−40 43.0	1.859	2.709	14.2	20.3
6 30	20 47.41	−41 59.3	1.760	2.670	12.0	20.1
7 10	20 38.58	−43 9.3	1.683	2.630	10.0	19.9
7 20	20 27.02	−44 3.4	1.629	2.590	9.2	19.7
7 30	20 13.94	−44 32.5	1.600	2.549	10.2	19.7
8 9	20 1.01	−44 31.4	1.595	2.508	12.6	19.8
8 19	19 49.92	−44 0.2	1.611	2.467	15.6	19.9
8 29	19 42.02	−43 3.4	1.647	2.425	18.5	20.0
396854 2004 SR_{9}			7 25.5 341°.42		9°.6/30.5 16	
6 20	20 37.43	+ 2 36.5	1.617	2.424	18.0	20.2
6 30	20 34.85	+ 3 30.7	1.533	2.407	15.5	20.0
7 10	20 30.13	+ 4 3.0	1.466	2.391	12.9	19.8
7 20	20 23.80	+ 4 9.8	1.420	2.377	10.7	19.6
7 30	20 16.70	+ 3 49.3	1.395	2.363	9.6	19.5
8 9	20 9.85	+ 3 3.7	1.393	2.351	10.5	19.5
8 19	20 4.27	+ 1 57.7	1.413	2.340	12.8	19.7
8 29	20 0.81	+ 0 38.7	1.454	2.330	15.7	19.8
295717 2008 UY_{37}			7 25.5 246°.52		4°.7/27.9 18	
6 20	20 44.69	− 6 0.1	2.151	2.964	13.9	20.7
6 30	20 39.81	− 5 39.7	2.054	2.949	11.2	20.5
7 10	20 33.01	− 5 32.2	1.980	2.934	8.3	20.3
7 20	20 24.80	− 5 38.0	1.930	2.919	5.6	20.1
7 30	20 15.90	− 5 56.6	1.906	2.903	4.7	20.0
8 9	20 7.20	− 6 25.5	1.910	2.887	6.7	20.1
8 19	19 59.56	− 7 1.6	1.940	2.870	9.7	20.3
8 29	19 53.72	− 7 41.4	1.994	2.853	12.8	20.4
340469 2006 HY_{33}			7 25.5 132°.85		6°.6/29.6 18	
6 20	20 43.76	− 0 16.3	2.039	2.831	15.2	21.3
6 30	20 39.00	+ 0 9.0	1.965	2.838	12.7	21.2
7 10	20 32.41	+ 0 16.6	1.912	2.844	10.0	21.0
7 20	20 24.54	+ 0 5.5	1.881	2.850	7.6	20.9
7 30	20 16.15	− 0 23.6	1.877	2.856	6.6	20.8
8 9	20 8.15	− 1 7.8	1.898	2.862	7.7	20.9
8 19	20 1.31	− 2 2.7	1.945	2.867	10.1	21.1
8 29	19 56.32	− 3 3.4	2.015	2.872	12.7	21.3
476278 2007 VZ_{213}			7 25.5 313°.10		1°.9/26.5 18	
6 20	20 42.29	−13 0.5	1.765	2.619	14.7	21.3
6 30	20 38.36	−13 11.3	1.682	2.609	11.4	21.1
7 10	20 32.27	−13 34.1	1.619	2.599	7.6	20.9
7 20	20 24.55	−14 7.1	1.581	2.589	3.6	20.6
7 30	20 16.11	−14 46.9	1.568	2.580	2.5	20.5
8 9	20 7.99	−15 29.5	1.582	2.570	6.4	20.7
8 19	20 1.18	−16 10.8	1.620	2.561	10.5	21.0
8 29	19 56.51	−16 47.6	1.681	2.553	14.1	21.2
95490 2002 EX_{29}			7 25.5 340°.33		4°.7/22.9 18	
6 20	20 44.50	−30 22.2	1.874	2.746	13.2	18.9
6 30	20 40.09	−31 4.6	1.802	2.739	10.2	18.7
7 10	20 33.34	−31 45.1	1.752	2.732	7.1	18.5
7 20	20 24.92	−32 18.2	1.726	2.726	4.8	18.4
7 30	20 15.83	−32 38.8	1.727	2.720	5.5	18.4
8 9	20 7.22	−32 43.9	1.753	2.715	8.4	18.6
8 19	20 0.15	−32 33.2	1.803	2.711	11.6	18.8
8 29	19 55.41	−32 8.3	1.874	2.707	14.6	18.9
321510 2009 SV_{180}			7 25.5 19°.77		3°.4/27.8 18	
6 20	20 40.62	− 7 57.0	2.261	3.087	12.9	21.0
6 30	20 36.54	− 7 58.0	2.183	3.089	10.2	20.8
7 10	20 30.82	− 8 11.2	2.126	3.090	7.2	20.6
7 20	20 23.96	− 8 35.9	2.095	3.092	4.4	20.4
7 30	20 16.64	− 9 10.2	2.091	3.094	3.5	20.4
8 9	20 9.63	− 9 50.8	2.113	3.096	5.6	20.5
8 19	20 3.64	−10 34.6	2.162	3.098	8.5	20.7
8 29	19 59.27	−11 18.2	2.236	3.101	11.4	20.9
292709 2006 UM_{127}			7 25.5 122°.47		3°.1/24.0 17	
6 20	20 50.22	−25 35.4	1.673	2.539	14.8	21.3
6 30	20 44.39	−26 12.7	1.612	2.548	11.2	21.1
7 10	20 36.01	−26 51.4	1.573	2.558	7.2	20.9
7 20	20 25.86	−27 25.9	1.559	2.567	3.7	20.7
7 30	20 15.11	−27 50.7	1.571	2.576	4.2	20.7
8 9	20 5.06	−28 2.7	1.610	2.584	7.9	21.0
8 19	19 56.82	−28 1.2	1.673	2.592	11.7	21.2
8 29	19 51.21	−27 47.8	1.758	2.600	15.0	21.4
107759 2001 FF_{38}			7 25.5 43°.82		13°.4/ 5.1 17	
6 20	20 41.50	+13 52.6	1.423	2.170	22.6	19.5
6 30	20 38.03	+14 22.7	1.362	2.179	20.3	19.4
7 10	20 32.13	+14 16.2	1.315	2.188	17.7	19.2
7 20	20 24.51	+13 28.6	1.285	2.198	15.3	19.1
7 30	20 16.19	+11 59.5	1.275	2.208	13.7	19.0
8 9	20 8.42	+ 9 54.5	1.286	2.218	13.5	19.1
8 19	20 2.28	+ 7 24.3	1.319	2.229	14.8	19.2
8 29	19 58.59	+ 4 41.6	1.373	2.240	17.0	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374941 2007 BE_{38}			7 25.5 210°.98		0°.6/25.9 17	
	h m	° ′			°	m
6 20	20 45.73	−14 34.0	1.897	2.745	14.1	21.9
6 30	20 40.85	−15 16.2	1.814	2.740	10.8	21.7
7 10	20 33.79	−16 10.4	1.754	2.735	6.9	21.4
7 20	20 25.11	−17 13.0	1.718	2.729	2.7	21.1
7 30	20 15.69	−18 19.0	1.710	2.723	1.9	21.1
8 9	20 6.58	−19 23.2	1.730	2.716	6.2	21.3
8 19	19 58.75	−20 21.0	1.776	2.709	10.3	21.6
8 29	19 53.05	−21 9.7	1.846	2.701	13.8	21.8
68675 2002 CV_{123}			7 25.5 26°.66		2°.0/26.2 18	
6 20	20 45.56	−15 7.7	1.135	2.016	19.3	19.2
6 30	20 41.59	−14 57.2	1.080	2.022	14.8	18.9
7 10	20 34.59	−14 59.7	1.042	2.029	9.7	18.7
7 20	20 25.43	−15 12.9	1.025	2.036	4.2	18.4
7 30	20 15.51	−15 32.8	1.032	2.044	3.0	18.3
8 9	20 6.42	−15 54.8	1.061	2.053	8.2	18.7
8 19	19 59.51	−16 15.0	1.112	2.062	13.3	19.0
8 29	19 55.70	−16 30.7	1.183	2.072	17.6	19.3
409730 2006 CH_{24}			7 25.5 200°.07		0°.8/25.1 17	
6 20	20 50.01	−19 44.3	1.534	2.398	16.0	22.3
6 30	20 44.54	−20 7.7	1.460	2.396	12.2	22.1
7 10	20 36.31	−20 38.6	1.407	2.393	7.7	21.8
7 20	20 26.06	−21 12.5	1.378	2.390	2.8	21.5
7 30	20 14.95	−21 44.3	1.375	2.387	2.6	21.5
8 9	20 4.38	−22 9.4	1.398	2.382	7.6	21.8
8 19	19 55.60	−22 25.4	1.445	2.378	12.2	22.0
8 29	19 49.59	−22 31.7	1.514	2.373	16.1	22.2
318944 2005 UD_{161}			7 25.5 215°.04		3°.3/23.1 18	
6 20	20 44.03	−27 3.5	2.347	3.208	11.3	20.5
6 30	20 39.27	−27 58.8	2.272	3.206	8.6	20.3
7 10	20 32.64	−28 55.3	2.222	3.203	5.7	20.1
7 20	20 24.67	−29 48.2	2.197	3.201	3.4	20.0
7 30	20 16.12	−30 32.9	2.201	3.199	4.1	20.0
8 9	20 7.90	−31 6.0	2.232	3.196	6.8	20.2
8 19	20 0.84	−31 26.2	2.289	3.193	9.7	20.4
8 29	19 55.62	−31 33.6	2.369	3.191	12.3	20.5
470711 2008 TJ_{173}			7 25.5 284°.38		1°.9/24.6 18	
6 20	20 46.51	−22 39.1	1.742	2.609	14.3	21.8
6 30	20 41.83	−23 5.6	1.650	2.588	10.9	21.5
7 10	20 34.64	−23 37.0	1.581	2.568	6.9	21.3
7 20	20 25.49	−24 8.9	1.536	2.547	2.9	21.0
7 30	20 15.39	−24 36.4	1.517	2.526	3.2	20.9
8 9	20 5.58	−24 55.2	1.524	2.505	7.5	21.2
8 19	19 57.23	−25 3.3	1.556	2.485	11.8	21.4
8 29	19 51.34	−25 0.6	1.610	2.464	15.6	21.5
339409 2005 CX_{52}			7 25.5 168°.61		4°.1/23.4 18	
6 20	20 50.75	−31 24.3	2.245	3.097	12.1	21.4
6 30	20 44.31	−31 51.3	2.175	3.100	9.3	21.3
7 10	20 35.75	−32 14.7	2.128	3.103	6.4	21.1
7 20	20 25.76	−32 29.7	2.108	3.106	4.3	21.0
7 30	20 15.27	−32 32.6	2.116	3.108	4.8	21.0
8 9	20 5.34	−32 21.8	2.151	3.109	7.3	21.2
8 19	19 56.88	−31 57.8	2.212	3.110	10.2	21.3
8 29	19 50.60	−31 22.8	2.296	3.111	12.8	21.5
199804 2007 BD_{70}			7 25.5 73°.76		3°.7/27.6 18	
6 20	20 44.39	− 8 24.9	1.647	2.488	16.2	20.1
6 30	20 39.84	− 8 30.5	1.584	2.499	12.8	19.9
7 10	20 33.09	− 8 52.3	1.542	2.511	8.9	19.7
7 20	20 24.83	− 9 28.8	1.523	2.523	5.2	19.6
7 30	20 16.02	−10 16.6	1.529	2.535	3.9	19.5
8 9	20 7.76	−11 10.8	1.561	2.547	6.8	19.7
8 19	20 0.99	−12 6.5	1.619	2.559	10.5	20.0
8 29	19 56.46	−12 59.2	1.699	2.571	14.0	20.2
429435 2010 VE_{31}			7 25.5 234°.95		3°.3/27.2 17	
6 20	20 46.20	− 9 53.5	1.734	2.572	15.6	22.4
6 30	20 41.38	− 9 55.3	1.647	2.563	12.3	22.2
7 10	20 34.23	−10 11.6	1.582	2.553	8.6	21.9
7 20	20 25.32	−10 41.3	1.540	2.543	4.7	21.7
7 30	20 15.58	−11 21.6	1.524	2.532	3.6	21.6
8 9	20 6.15	−12 8.3	1.535	2.521	6.9	21.8
8 19	19 58.09	−12 57.0	1.571	2.509	11.0	22.0
8 29	19 52.30	−13 43.7	1.629	2.497	14.7	22.2
158395 2001 YJ_{55}			7 25.5 113°.97		2°.3/24.2 17	
6 20	20 48.53	−23 18.9	1.963	2.821	13.3	20.8
6 30	20 42.72	−24 6.0	1.905	2.838	10.0	20.6
7 10	20 34.80	−24 56.1	1.871	2.855	6.3	20.4
7 20	20 25.44	−25 44.3	1.862	2.872	2.8	20.2
7 30	20 15.60	−26 25.5	1.882	2.888	3.3	20.3
8 9	20 6.34	−26 56.3	1.929	2.904	6.7	20.5
8 19	19 58.59	−27 15.3	2.002	2.919	10.2	20.8
8 29	19 53.04	−27 22.8	2.097	2.934	13.1	21.0

25065 Lautakkin 7 25.5 338°.57 6°.0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.37	− 7 58.9	1.255	2.115	19.1	17.4
6 30	20 39.12	− 7 17.1	1.182	2.106	15.4	17.1
7 10	20 33.10	− 6 52.8	1.126	2.097	11.3	16.9
7 20	20 24.98	− 6 47.5	1.092	2.089	7.4	16.6
7 30	20 15.90	− 7 0.9	1.080	2.082	6.1	16.5
8 9	20 7.30	− 7 29.6	1.090	2.076	9.1	16.7
8 19	20 0.49	− 8 8.5	1.123	2.071	13.4	16.9
8 29	19 56.47	− 8 51.6	1.175	2.066	17.5	17.1

333467 2004 RW_6 7 25.5 331°.83 3°.2/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.83	− 7 54.0	1.339	2.200	18.1	20.3
6 30	20 36.42	− 8 38.5	1.257	2.185	14.3	20.0
7 10	20 31.43	− 9 48.1	1.193	2.171	9.9	19.7
7 20	20 24.40	−11 20.7	1.152	2.157	5.3	19.4
7 30	20 16.34	−13 10.2	1.134	2.145	3.5	19.3
8 9	20 8.57	−15 6.9	1.141	2.133	7.7	19.5
8 19	20 2.35	−17 1.0	1.171	2.123	12.6	19.7
8 29	19 58.77	−18 44.0	1.223	2.113	17.1	20.0

32977 1996 VR_4 7 25.5 273°.44 4°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.30	−28 25.1	1.834	2.701	13.7	17.9
6 30	20 42.49	−29 28.0	1.746	2.682	10.5	17.6
7 10	20 35.10	−30 33.0	1.681	2.663	7.2	17.4
7 20	20 25.70	−31 33.4	1.641	2.643	4.8	17.2
7 30	20 15.29	−32 22.3	1.628	2.623	5.7	17.2
8 9	20 5.14	−32 54.7	1.641	2.602	8.9	17.4
8 19	19 56.49	−33 8.8	1.677	2.582	12.5	17.5
8 29	19 50.34	−33 5.3	1.735	2.561	15.8	17.7

142140 2002 RA_{17} 7 25.5 18°.32 1°.4/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.55	−21 9.0	1.018	1.918	19.4	19.3
6 30	20 40.40	−21 20.7	0.970	1.925	14.7	19.1
7 10	20 33.97	−21 39.9	0.940	1.933	9.2	18.8
7 20	20 25.25	−22 1.2	0.930	1.943	3.4	18.5
7 30	20 15.78	−22 18.7	0.941	1.954	3.3	18.5
8 9	20 7.32	−22 27.9	0.975	1.966	8.9	18.9
8 19	20 1.26	−22 27.0	1.030	1.979	14.1	19.2
8 29	19 58.49	−22 16.1	1.103	1.994	18.4	19.6

384008 2008 UZ_{55} 7 25.5 46°.97 8°.4/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.97	+ 1 4.9	1.584	2.390	18.3	20.3
6 30	20 38.84	+ 1 43.7	1.522	2.400	15.4	20.2
7 10	20 32.52	+ 1 59.5	1.478	2.410	12.3	20.0
7 20	20 24.66	+ 1 50.5	1.454	2.421	9.6	19.9
7 30	20 16.23	+ 1 17.2	1.455	2.432	8.4	19.8
8 9	20 8.31	+ 0 23.5	1.479	2.443	9.5	19.9
8 19	20 1.88	− 0 44.5	1.526	2.454	12.0	20.1
8 29	19 57.69	− 1 59.7	1.596	2.466	14.8	20.3

512885 2016 WJ_{23} 7 25.5 270°.05 13°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.08	+17 23.8	2.139	2.816	17.8	21.3
6 30	20 37.98	+18 31.1	2.050	2.802	16.4	21.2
7 10	20 31.97	+19 13.7	1.978	2.789	15.0	21.0
7 20	20 24.50	+19 26.9	1.924	2.775	13.8	20.9
7 30	20 16.30	+19 7.4	1.889	2.761	13.1	20.9
8 9	20 8.28	+18 15.9	1.876	2.747	13.1	20.8
8 19	20 1.30	+16 55.8	1.884	2.733	14.0	20.9
8 29	19 56.14	+15 13.8	1.913	2.718	15.4	20.9

126638 2002 CW_{173} 7 25.5 56°.61 3°.0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.93	− 7 59.6	1.597	2.440	16.5	19.6
6 30	20 38.85	− 8 43.8	1.535	2.453	12.9	19.4
7 10	20 32.54	− 9 47.2	1.493	2.466	8.8	19.2
7 20	20 24.68	−11 6.4	1.475	2.479	4.7	19.0
7 30	20 16.22	−12 35.7	1.483	2.493	3.2	19.0
8 9	20 8.29	−14 7.8	1.518	2.506	6.6	19.2
8 19	20 1.85	−15 36.0	1.578	2.520	10.6	19.5
8 29	19 57.68	−16 55.1	1.660	2.534	14.2	19.7

9841 Mašek 7 25.5 276°.39 0°.5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.68	−16 19.5	1.392	2.261	17.1	18.5
6 30	20 42.48	−16 40.9	1.305	2.243	13.2	18.2
7 10	20 35.34	−17 15.1	1.239	2.225	8.5	17.9
7 20	20 25.86	−17 58.8	1.195	2.207	3.2	17.5
7 30	20 15.18	−18 46.6	1.175	2.188	2.5	17.4
8 9	20 4.79	−19 32.4	1.181	2.169	8.0	17.7
8 19	19 56.11	−20 11.5	1.209	2.151	13.2	17.9
8 29	19 50.34	−20 41.1	1.258	2.132	17.8	18.2

496862 2000 BK_{42} 7 25.5 155°.23 0°.6/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.69	−14 45.4	1.659	2.515	15.4	21.6
6 30	20 41.03	−15 27.3	1.587	2.518	11.8	21.4
7 10	20 34.00	−16 21.9	1.537	2.520	7.5	21.2
7 20	20 25.25	−17 25.1	1.511	2.522	2.9	20.9
7 30	20 15.77	−18 31.5	1.512	2.525	2.1	20.9
8 9	20 6.74	−19 35.0	1.539	2.526	6.7	21.2
8 19	19 59.23	−20 31.1	1.592	2.528	11.0	21.4
8 29	19 54.09	−21 16.8	1.667	2.529	14.7	21.6

199638 2006 GH_9 7 25.5 123°.69 1°.0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.32	−19 55.0	1.826	2.688	13.9	20.5
6 30	20 40.57	−20 29.0	1.754	2.690	10.5	20.2
7 10	20 33.62	−21 9.7	1.705	2.692	6.6	20.0
7 20	20 25.09	−21 52.8	1.681	2.694	2.4	19.7
7 30	20 15.93	−22 33.6	1.684	2.696	2.4	19.8
8 9	20 7.22	−23 8.0	1.714	2.697	6.6	20.0
8 19	19 59.96	−23 33.6	1.769	2.699	10.5	20.3
8 29	19 54.91	−23 49.3	1.846	2.701	13.9	20.5

96502 1998 KU_{58} 7 25.5 82°.28 2°.9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.23	−21 36.6	1.723	2.590	14.4	18.9
6 30	20 41.39	−23 13.4	1.666	2.605	10.8	18.7
7 10	20 34.19	−24 57.4	1.633	2.620	6.8	18.5
7 20	20 25.31	−26 41.0	1.626	2.635	3.3	18.3
7 30	20 15.76	−28 15.8	1.646	2.650	4.2	18.4
8 9	20 6.73	−29 35.3	1.694	2.665	7.8	18.6
8 19	19 59.29	−30 36.1	1.766	2.680	11.5	18.9
8 29	19 54.23	−31 18.0	1.861	2.694	14.6	19.1

519644 2012 UH_{183} 7 25.5 282°.75 3°.9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.79	−28 0.8	1.868	2.736	13.4	21.3
6 30	20 41.79	−28 45.4	1.798	2.734	10.3	21.1
7 10	20 34.44	−29 30.1	1.749	2.732	6.9	20.9
7 20	20 25.40	−30 9.2	1.726	2.730	4.2	20.7
7 30	20 15.69	−30 37.6	1.730	2.728	4.8	20.8
8 9	20 6.47	−30 51.9	1.759	2.726	8.0	21.0
8 19	19 58.80	−30 51.3	1.813	2.724	11.4	21.2
8 29	19 53.50	−30 37.2	1.889	2.723	14.4	21.4

432421 2010 AC_{64} 7 25.5 37°.67 1°.4/25.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.23	−23 56.8	1.537	2.406	15.7	20.2
6 30	20 44.49	−23 42.9	1.474	2.413	11.9	20.0
7 10	20 36.12	−23 29.6	1.433	2.420	7.5	19.7
7 20	20 25.97	−23 13.7	1.415	2.427	2.9	19.5
7 30	20 15.28	−22 52.5	1.424	2.435	2.8	19.5
8 9	20 5.41	−22 24.7	1.459	2.443	7.3	19.8
8 19	19 57.47	−21 51.1	1.518	2.452	11.6	20.1
8 29	19 52.24	−21 13.0	1.599	2.461	15.2	20.3

231934 2001 EB_{11} 7 25.5 63°.65 5°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.02	− 2 36.5	1.734	2.550	16.6	20.1
6 30	20 38.67	− 2 52.1	1.675	2.569	13.4	19.9
7 10	20 32.30	− 3 28.4	1.636	2.588	9.9	19.8
7 20	20 24.58	− 4 24.2	1.621	2.608	6.7	19.6
7 30	20 16.39	− 5 35.8	1.631	2.628	5.3	19.6
8 9	20 8.74	− 6 57.5	1.667	2.647	7.1	19.7
8 19	20 2.48	− 8 22.8	1.729	2.667	10.2	20.0
8 29	19 58.29	− 9 45.7	1.814	2.686	13.2	20.2

9029 1989 GM 7 25.5 31°.50 1°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.44	−16 24.3	1.414	2.289	16.5	17.0
6 30	20 38.92	−18 10.0	1.356	2.299	12.4	16.8
7 10	20 32.83	−20 11.3	1.320	2.309	7.7	16.6
7 20	20 24.87	−22 19.7	1.308	2.321	2.8	16.3
7 30	20 16.12	−24 24.4	1.323	2.333	3.4	16.4
8 9	20 7.93	−26 15.5	1.363	2.345	8.1	16.7
8 19	20 1.45	−27 46.9	1.428	2.359	12.5	17.0
8 29	19 57.59	−28 56.0	1.514	2.372	16.1	17.2

445526 2011 AL 7 25.5 261°.25 0°.3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.25	−18 18.7	2.758	3.602	10.3	21.8
6 30	20 37.72	−18 53.9	2.656	3.582	7.8	21.6
7 10	20 31.62	−19 35.3	2.579	3.562	4.9	21.4
7 20	20 24.36	−20 20.1	2.529	3.541	1.8	21.2
7 30	20 16.53	−21 5.3	2.508	3.519	1.6	21.1
8 9	20 8.82	−21 47.7	2.516	3.498	4.9	21.3
8 19	20 1.93	−22 24.9	2.551	3.476	7.9	21.5
8 29	19 56.47	−22 55.2	2.612	3.454	10.7	21.6

293845 2007 RQ_{225} 7 25.5 184°.42 5°.1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.77	− 3 22.9	2.060	2.868	14.6	21.1
6 30	20 38.35	− 3 21.5	1.979	2.869	11.9	20.9
7 10	20 32.10	− 3 36.9	1.919	2.868	8.9	20.7
7 20	20 24.54	− 4 8.9	1.883	2.868	6.2	20.5
7 30	20 16.41	− 4 55.7	1.874	2.868	5.1	20.5
8 9	20 8.60	− 5 53.7	1.891	2.867	6.7	20.6
8 19	20 1.90	− 6 58.1	1.934	2.866	9.6	20.7
8 29	19 57.01	− 8 4.3	2.001	2.865	12.5	20.9

76029 2000 DL_{44} 7 25.5 252°.03 1°.0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.67	−21 51.4	2.684	3.534	10.4	20.1
6 30	20 38.76	−22 7.3	2.592	3.521	7.8	20.0
7 10	20 32.24	−22 25.9	2.524	3.508	4.9	19.8
7 20	20 24.57	−22 44.8	2.483	3.494	1.9	19.5
7 30	20 16.39	−23 1.3	2.470	3.480	2.0	19.5
8 9	20 8.46	−23 13.2	2.486	3.467	5.1	19.7
8 19	20 1.45	−23 19.3	2.530	3.453	8.1	19.9
8 29	19 55.99	−23 19.2	2.598	3.438	10.8	20.0

208916 Robertcaldwell 7 25.5 226°.21 2°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.82	−25 35.8	2.123	2.979	12.5	20.7
6 30	20 42.98	−25 44.7	2.043	2.974	9.5	20.5
7 10	20 35.03	−25 53.6	1.985	2.968	6.1	20.3
7 20	20 25.59	−25 59.0	1.953	2.963	2.8	20.1
7 30	20 15.58	−25 57.7	1.950	2.957	3.1	20.1
8 9	20 6.02	−25 47.9	1.974	2.950	6.5	20.3
8 19	19 57.83	−25 29.2	2.024	2.944	9.9	20.5
8 29	19 51.76	−25 2.8	2.098	2.937	13.0	20.7

71955 2000 WD_{107} 7 25.5 5°.26 0°.9/25.9 18

6 20	20 46.07	−16 20.1	1.311	2.184	17.7	19.7
6 30	20 41.84	−16 30.1	1.244	2.184	13.5	19.5
7 10	20 34.76	−16 51.7	1.197	2.184	8.7	19.2
7 20	20 25.58	−17 21.7	1.173	2.184	3.4	18.9
7 30	20 15.57	−17 55.0	1.172	2.185	2.5	18.8
8 9	20 6.18	−18 26.8	1.196	2.186	7.8	19.1
8 19	19 58.72	−18 53.2	1.243	2.187	12.7	19.4
8 29	19 54.14	−19 12.0	1.310	2.189	16.9	19.7

473093 2015 HZ_{154} 7 25.5 60°.83 6°.3/23.5 18

6 20	20 54.53	−35 16.3	1.637	2.498	15.3	20.4
6 30	20 47.83	−35 38.0	1.579	2.506	12.1	20.2
7 10	20 38.24	−35 51.0	1.543	2.514	8.8	20.0
7 20	20 26.75	−35 48.8	1.530	2.521	6.5	19.9
7 30	20 14.74	−35 27.0	1.543	2.529	7.0	20.0
8 9	20 3.75	−34 45.1	1.582	2.538	9.7	20.2
8 19	19 54.96	−33 46.2	1.644	2.546	12.9	20.4
8 29	19 49.19	−32 35.3	1.728	2.554	15.9	20.6

172836 2005 CX_{37} 7 25.5 121°.96 0°.7/25.2 17

6 20	20 50.85	−19 50.8	1.690	2.547	15.1	21.4
6 30	20 44.72	−20 12.9	1.630	2.562	11.4	21.2
7 10	20 36.19	−20 40.9	1.592	2.577	7.1	21.0
7 20	20 26.01	−21 10.6	1.579	2.591	2.6	20.7
7 30	20 15.31	−21 37.5	1.593	2.605	2.4	20.8
8 9	20 5.30	−21 58.1	1.634	2.618	6.8	21.1
8 19	19 57.02	−22 10.7	1.701	2.631	10.9	21.3
8 29	19 51.25	−22 15.1	1.790	2.642	14.3	21.6

19883 4058 $T\text{-}_{1}$ 7 25.5 351°.35 4°.6/27.8 18

6 20	20 42.12	− 8 1.2	1.216	2.079	19.4	18.1
6 30	20 39.00	− 8 2.9	1.148	2.076	15.5	17.8
7 10	20 33.07	− 8 26.6	1.098	2.073	10.9	17.6
7 20	20 25.02	− 9 11.5	1.068	2.070	6.4	17.3
7 30	20 16.05	−10 13.6	1.061	2.069	4.8	17.2
8 9	20 7.60	−11 25.8	1.078	2.068	8.4	17.4
8 19	20 0.99	−12 40.5	1.116	2.068	13.1	17.7
8 29	19 57.24	−13 50.7	1.175	2.068	17.4	17.9

58435 1996 GD_{5} 7 25.5 307°.33 0°.8/25.9 17

6 20	20 44.51	−15 24.6	1.535	2.400	16.0	20.0
6 30	20 40.38	−15 48.7	1.460	2.395	12.3	19.8
7 10	20 33.74	−16 25.0	1.405	2.389	7.9	19.5
7 20	20 25.23	−17 10.2	1.373	2.384	3.1	19.2
7 30	20 15.89	−17 59.3	1.367	2.380	2.2	19.1
8 9	20 6.99	−18 47.1	1.386	2.375	7.1	19.4
8 19	19 59.67	−19 29.1	1.430	2.371	11.6	19.7
8 29	19 54.86	−20 2.6	1.495	2.366	15.6	19.9

130788 2000 TY_{18} 7 25.5 181°.85 3°.3/27.7 18

6 20	20 45.27	− 7 50.5	2.456	3.267	12.4	21.6
6 30	20 39.95	− 7 50.2	2.371	3.269	9.8	21.4
7 10	20 32.98	− 8 1.3	2.309	3.269	7.0	21.2
7 20	20 24.86	− 8 22.8	2.273	3.269	4.3	21.0
7 30	20 16.25	− 8 53.1	2.266	3.268	3.4	21.0
8 9	20 7.93	− 9 29.5	2.286	3.266	5.4	21.1
8 19	20 0.59	−10 9.1	2.335	3.264	8.3	21.3
8 29	19 54.86	−10 48.8	2.408	3.261	11.1	21.5

73910 1997 GU_{20} 7 25.5 36°.49 3°.4/26.9 17

6 20	20 44.79	−11 53.0	1.117	1.993	19.9	18.1
6 30	20 40.85	−11 41.1	1.073	2.010	15.4	17.9
7 10	20 34.03	−11 46.4	1.047	2.029	10.3	17.7
7 20	20 25.29	−12 6.9	1.042	2.049	5.3	17.5
7 30	20 15.99	−12 38.3	1.059	2.069	3.8	17.5
8 9	20 7.65	−13 15.1	1.100	2.091	8.0	17.8
8 19	20 1.45	−13 52.1	1.162	2.113	12.7	18.1
8 29	19 58.20	−14 25.0	1.244	2.136	16.8	18.4

94416 2001 TZ_{28} 7 25.5 136°.52 0°.6/25.8 18

6 20	20 48.48	−17 5.2	1.976	2.822	13.7	20.0
6 30	20 42.65	−17 10.7	1.907	2.833	10.4	19.8
7 10	20 34.78	−17 23.0	1.862	2.843	6.6	19.6
7 20	20 25.52	−17 39.3	1.842	2.853	2.5	19.4
7 30	20 15.76	−17 56.9	1.850	2.862	1.9	19.3
8 9	20 6.53	−18 12.8	1.885	2.871	5.9	19.6
8 19	19 58.70	−18 25.3	1.947	2.879	9.6	19.9
8 29	19 52.98	−18 33.2	2.033	2.887	12.8	20.1

476340 2008 AQ_{73} 7 25.5 280°.64 1°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.12	−14 52.7	2.034	2.880	13.4	21.2
6 30	20 40.29	−14 39.2	1.943	2.866	10.3	21.0
7 10	20 33.43	−14 33.0	1.874	2.853	6.8	20.8
7 20	20 25.09	−14 33.0	1.831	2.839	3.2	20.5
7 30	20 16.08	−14 37.4	1.814	2.825	2.3	20.4
8 9	20 7.35	−14 44.0	1.825	2.811	5.9	20.6
8 19	19 59.82	−14 51.0	1.862	2.797	9.7	20.8
8 29	19 54.25	−14 56.7	1.922	2.784	13.1	21.0

218496 2004 TT_{61} 7 25.5 3°.00 5°.2/28.9 18

6 20	20 39.90	− 3 41.8	1.953	2.771	14.9	19.8
6 30	20 36.30	− 3 39.2	1.876	2.771	12.1	19.6
7 10	20 30.87	− 3 53.9	1.819	2.771	9.1	19.4
7 20	20 24.14	− 4 25.7	1.785	2.772	6.3	19.3
7 30	20 16.87	− 5 12.8	1.777	2.773	5.2	19.2
8 9	20 9.92	− 6 11.3	1.795	2.774	6.8	19.3
8 19	20 4.12	− 7 16.4	1.839	2.776	9.7	19.5
8 29	20 0.12	− 8 23.0	1.906	2.778	12.7	19.7

188547 2004 ST_{36} 7 25.5 197°.03 3°.6/28.1 18

6 20	20 41.60	− 6 39.4	2.552	3.364	12.0	21.0
6 30	20 37.16	− 6 36.4	2.467	3.363	9.6	20.8
7 10	20 31.22	− 6 45.0	2.404	3.361	6.9	20.7
7 20	20 24.23	− 7 4.5	2.367	3.359	4.5	20.5
7 30	20 16.80	− 7 33.7	2.358	3.357	3.6	20.4
8 9	20 9.62	− 8 9.9	2.376	3.355	5.4	20.5
8 19	20 3.33	− 8 50.3	2.422	3.353	8.0	20.7
8 29	19 58.50	− 9 31.8	2.492	3.350	10.6	20.9

478410 2012 CZ_{42} 7 25.5 173°.80 2°.8/23.5 18

6 20	20 45.09	−28 26.4	2.887	3.738	9.7	22.4
6 30	20 39.70	−28 56.5	2.813	3.740	7.4	22.2
7 10	20 32.76	−29 25.6	2.763	3.742	4.9	22.1
7 20	20 24.77	−29 50.3	2.740	3.743	3.0	22.0
7 30	20 16.38	−30 7.8	2.747	3.744	3.4	22.0
8 9	20 8.33	−30 16.1	2.782	3.745	5.6	22.1
8 19	20 1.26	−30 14.9	2.843	3.745	8.1	22.3
8 29	19 55.75	−30 4.5	2.930	3.745	10.3	22.5

137461 1999 TJ_{316} 7 25.5 29°.27 6°.3/28.2 17

6 20	20 43.89	− 6 37.2	1.212	2.069	19.9	19.3
6 30	20 40.15	− 6 2.6	1.156	2.076	16.0	19.1
7 10	20 33.65	− 5 48.7	1.116	2.084	11.7	18.8
7 20	20 25.21	− 5 56.3	1.098	2.093	7.7	18.7
7 30	20 16.05	− 6 23.8	1.102	2.103	6.3	18.6
8 9	20 7.60	− 7 6.2	1.128	2.113	9.0	18.8
8 19	20 1.07	− 7 57.2	1.177	2.124	13.0	19.1
8 29	19 57.35	− 8 50.3	1.246	2.136	16.8	19.3

233633 2007 VW_{10} 7 25.5 300°.11 2°.7/27.1 18

6 20	20 42.72	−11 1.3	1.866	2.710	14.5	20.6
6 30	20 38.61	−11 4.9	1.781	2.701	11.3	20.4
7 10	20 32.44	−11 21.1	1.718	2.692	7.7	20.2
7 20	20 24.75	−11 48.6	1.679	2.683	4.1	19.9
7 30	20 16.37	−12 24.9	1.666	2.675	3.0	19.9
8 9	20 8.30	−13 6.1	1.679	2.667	6.3	20.0
8 19	20 1.47	−13 48.3	1.718	2.658	10.1	20.2
8 29	19 56.65	−14 28.2	1.780	2.650	13.5	20.5

314151 2005 EQ_{266} 7 25.5 103°.36 1°.4/26.2 17

6 20	20 48.75	−14 24.1	1.585	2.438	16.2	21.6
6 30	20 43.23	−14 40.0	1.527	2.454	12.3	21.4
7 10	20 35.31	−15 7.4	1.489	2.471	8.0	21.2
7 20	20 25.74	−15 42.8	1.476	2.486	3.3	21.0
7 30	20 15.64	−16 22.1	1.490	2.502	2.3	20.9
8 9	20 6.22	−17 0.6	1.530	2.517	6.7	21.2
8 19	19 58.51	−17 35.0	1.594	2.532	10.9	21.5
8 29	19 53.29	−18 2.8	1.681	2.546	14.5	21.8

326614 2002 RD_{112} 7 25.5 313°.11 0°.2/25.6 17

6 20	20 47.42	−19 43.0	1.352	2.227	17.1	20.9
6 30	20 43.00	−19 30.2	1.273	2.215	13.1	20.6
7 10	20 35.62	−19 23.1	1.214	2.202	8.4	20.3
7 20	20 26.00	−19 18.9	1.178	2.190	3.1	20.0
7 30	20 15.38	−19 14.4	1.165	2.178	2.5	19.9
8 9	20 5.27	−19 6.9	1.178	2.167	8.0	20.2
8 19	19 57.07	−18 54.9	1.213	2.156	13.0	20.5
8 29	19 51.83	−18 38.2	1.268	2.146	17.4	20.7

384395 2009 VF_{114} 7 25.5 118°.78 1°.5/24.8 17

6 20	20 47.56	−21 30.5	1.807	2.669	14.1	21.3
6 30	20 42.25	−22 1.3	1.742	2.677	10.6	21.1
7 10	20 34.69	−22 37.0	1.699	2.685	6.6	20.9
7 20	20 25.54	−23 13.0	1.682	2.693	2.6	20.7
7 30	20 15.83	−23 44.8	1.691	2.701	2.7	20.7
8 9	20 6.67	−24 8.8	1.727	2.708	6.7	21.0
8 19	19 59.05	−24 23.2	1.788	2.715	10.6	21.2
8 29	19 53.73	−24 27.9	1.872	2.722	13.9	21.4

364690 2007 UE_2 7 25.5 323°.65 5°.1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.84	−24 59.0	1.061	1.965	18.5	19.8
6 30	20 39.75	−26 8.9	0.987	1.944	14.3	19.5
7 10	20 34.15	−27 28.5	0.931	1.924	9.4	19.2
7 20	20 25.64	−28 48.5	0.895	1.904	5.5	18.9
7 30	20 15.62	−29 57.5	0.882	1.886	6.7	18.9
8 9	20 6.02	−30 45.8	0.889	1.868	11.7	19.1
8 19	19 58.67	−31 9.2	0.915	1.852	16.9	19.3
8 29	19 55.01	−31 8.0	0.959	1.837	21.6	19.6

35606 1998 HG_{126} 7 25.5 105°.59 1°.0/24.8 18

6 20	20 45.50	−17 44.4	1.855	2.712	14.0	19.0
6 30	20 40.69	−18 55.6	1.791	2.724	10.5	18.8
7 10	20 33.72	−20 16.6	1.749	2.735	6.5	18.6
7 20	20 25.22	−21 41.7	1.733	2.746	2.4	18.4
7 30	20 16.10	−23 4.5	1.746	2.756	2.5	18.4
8 9	20 7.44	−24 18.9	1.786	2.767	6.6	18.7
8 19	20 0.17	−25 21.0	1.851	2.777	10.4	18.9
8 29	19 55.06	−26 9.0	1.940	2.787	13.6	19.1

387433 2013 WP_{14} 7 25.5 250°.06 1°.4/24.7 18

6 20	20 46.51	−20 28.1	1.849	2.710	13.9	21.8
6 30	20 41.70	−21 10.9	1.762	2.697	10.5	21.6
7 10	20 34.53	−22 1.1	1.698	2.684	6.6	21.3
7 20	20 25.58	−22 54.3	1.658	2.670	2.6	21.0
7 30	20 15.77	−23 45.1	1.646	2.656	2.8	21.0
8 9	20 6.24	−24 28.4	1.661	2.642	7.0	21.2
8 19	19 58.07	−25 1.3	1.701	2.627	11.1	21.4
8 29	19 52.17	−25 22.5	1.763	2.612	14.6	21.6

104862 2000 HV_{79} 7 25.5 107°.49 2°.4/23.8 18

6 20	20 44.81	−22 6.7	2.058	2.919	12.7	19.8
6 30	20 40.06	−23 21.0	1.992	2.927	9.5	19.7
7 10	20 33.28	−24 41.0	1.950	2.936	6.0	19.5
7 20	20 25.06	−26 0.8	1.934	2.944	2.8	19.3
7 30	20 16.24	−27 14.6	1.947	2.952	3.4	19.3
8 9	20 7.82	−28 17.2	1.987	2.960	6.8	19.6
8 19	20 0.67	−29 6.0	2.054	2.968	10.1	19.8
8 29	19 55.53	−29 40.3	2.143	2.976	13.0	20.0

98616 2000 WH_{81} 7 25.5 238°.11 1°.1/24.9 18

6 20	20 47.18	−21 11.4	2.055	2.910	12.9	20.3
6 30	20 41.92	−21 34.5	1.967	2.899	9.8	20.1
7 10	20 34.52	−22 2.3	1.902	2.887	6.2	19.9
7 20	20 25.54	−22 31.2	1.863	2.875	2.3	19.6
7 30	20 15.83	−22 57.4	1.852	2.862	2.4	19.6
8 9	20 6.44	−23 17.5	1.868	2.849	6.3	19.8
8 19	19 58.32	−23 29.7	1.910	2.836	10.1	20.0
8 29	19 52.28	−23 33.4	1.976	2.822	13.4	20.2

46699 1997 CL_{26} 7 25.5 119°.54 2°.4/24.3 18

6 20	20 49.66	−22 57.5	1.702	2.565	14.7	18.9
6 30	20 43.96	−23 46.9	1.643	2.579	11.1	18.7
7 10	20 35.82	−24 40.5	1.606	2.592	7.0	18.5
7 20	20 25.98	−25 32.5	1.595	2.605	3.1	18.3
7 30	20 15.54	−26 17.1	1.610	2.617	3.6	18.4
8 9	20 5.75	−26 50.1	1.652	2.629	7.5	18.6
8 19	19 57.68	−27 9.7	1.719	2.640	11.3	18.9
8 29	19 52.11	−27 16.4	1.808	2.651	14.6	19.1

423169 2004 FW_{58} 7 25.5 54°.59 0°.6/25.3 15

6 20	20 47.41	−19 20.7	1.367	2.241	17.0	21.1
6 30	20 42.60	−19 40.7	1.314	2.255	12.8	20.9
7 10	20 35.08	−20 8.5	1.282	2.270	8.0	20.7
7 20	20 25.72	−20 39.5	1.272	2.285	2.9	20.4
7 30	20 15.78	−21 8.6	1.288	2.300	2.5	20.4
8 9	20 6.65	−21 31.4	1.328	2.315	7.5	20.8
8 19	19 59.50	−21 45.8	1.392	2.331	12.0	21.1
8 29	19 55.13	−21 51.0	1.477	2.347	15.8	21.4

255128 2005 US_{128} 7 25.5 323°.82 1°.2/24.8 18

6 20	20 43.42	−21 23.1	2.085	2.947	12.5	20.4
6 30	20 38.98	−21 49.5	2.008	2.943	9.4	20.2
7 10	20 32.59	−22 20.4	1.953	2.939	5.9	20.0
7 20	20 24.81	−22 52.3	1.923	2.935	2.3	19.7
7 30	20 16.45	−23 21.4	1.921	2.931	2.4	19.7
8 9	20 8.46	−23 44.6	1.946	2.928	6.1	20.0
8 19	20 1.69	−23 59.9	1.996	2.924	9.6	20.2
8 29	19 56.84	−24 6.7	2.070	2.921	12.7	20.4

234636 2002 CD_{38} 7 25.5 102°.50 0°.3/25.4 18

6 20	20 48.98	−20 24.4	1.754	2.613	14.6	20.4
6 30	20 43.34	−20 20.2	1.685	2.618	11.0	20.2
7 10	20 35.37	−20 20.0	1.638	2.623	6.9	20.0
7 20	20 25.81	−20 21.1	1.616	2.629	2.5	19.7
7 30	20 15.69	−20 20.6	1.621	2.634	2.1	19.7
8 9	20 6.17	−20 16.3	1.653	2.639	6.5	20.0
8 19	19 58.27	−20 7.4	1.711	2.644	10.6	20.2
8 29	19 52.74	−19 53.7	1.790	2.649	14.0	20.5

334380 2002 AS_{202} 7 25.5 251°.72 1°.5/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.32	−15 4.2	1.844	2.694	14.4	21.1
6 30	20 41.40	−15 2.9	1.758	2.684	11.1	20.9
7 10	20 34.25	−15 10.5	1.695	2.675	7.3	20.6
7 20	20 25.46	−15 25.1	1.655	2.665	3.2	20.3
7 30	20 15.92	−15 44.1	1.643	2.655	2.2	20.3
8 9	20 6.73	−16 4.3	1.657	2.645	6.3	20.5
8 19	19 58.89	−16 23.0	1.697	2.634	10.4	20.7
8 29	19 53.23	−16 38.4	1.760	2.623	14.0	20.9

186739 2004 CL_{39} 7 25.5 171°.76 2°.0/24.3 17

6 20	20 48.81	−22 1.5	1.995	2.850	13.2	21.8
6 30	20 43.14	−22 53.5	1.922	2.853	10.0	21.6
7 10	20 35.26	−23 50.6	1.872	2.857	6.3	21.4
7 20	20 25.80	−24 47.7	1.849	2.859	2.7	21.2
7 30	20 15.67	−25 39.5	1.854	2.861	3.1	21.2
8 9	20 5.97	−26 21.7	1.886	2.862	6.8	21.5
8 19	19 57.66	−26 52.0	1.945	2.863	10.4	21.7
8 29	19 51.54	−27 10.0	2.026	2.862	13.5	21.9

83809 2001 TQ_{227} 7 25.5 95°.45 1°.9/26.5 18

6 20	20 45.66	−13 57.2	2.106	2.947	13.2	19.6
6 30	20 40.41	−13 46.7	2.038	2.958	10.1	19.5
7 10	20 33.34	−13 44.2	1.992	2.968	6.7	19.3
7 20	20 25.04	−13 48.3	1.972	2.979	3.2	19.1
7 30	20 16.32	−13 57.2	1.980	2.990	2.3	19.0
8 9	20 8.07	−14 8.5	2.015	3.001	5.5	19.3
8 19	20 1.06	−14 20.3	2.076	3.011	8.9	19.5
8 29	19 55.93	−14 30.8	2.162	3.021	11.9	19.7

327815 2006 VD_{81} 7 25.6 11°.98 5°.9/28.2 18

6 20	20 45.42	− 5 49.9	1.547	2.380	17.4	20.6
6 30	20 40.92	− 5 18.3	1.474	2.380	14.1	20.4
7 10	20 34.03	− 5 4.0	1.421	2.380	10.5	20.2
7 20	20 25.39	− 5 8.0	1.390	2.381	7.1	20.0
7 30	20 16.02	− 5 29.3	1.383	2.381	5.9	20.0
8 9	20 7.11	− 6 4.4	1.402	2.381	8.2	20.1
8 19	19 59.76	− 6 48.6	1.444	2.382	11.8	20.3
8 29	19 54.80	− 7 36.7	1.507	2.382	15.3	20.5

488430 2016 XT_{21} 7 25.6 241°.25 3°.2/22.7 18

6 20	20 43.57	−27 38.9	2.771	3.626	10.0	21.9
6 30	20 38.83	−28 41.4	2.685	3.615	7.6	21.7
7 10	20 32.41	−29 45.3	2.624	3.603	5.1	21.5
7 20	20 24.76	−30 46.1	2.590	3.591	3.3	21.4
7 30	20 16.52	−31 39.7	2.585	3.578	3.9	21.4
8 9	20 8.46	−32 22.5	2.608	3.566	6.3	21.5
8 19	20 1.31	−32 53.1	2.658	3.553	8.8	21.7
8 29	19 55.73	−33 11.0	2.732	3.540	11.2	21.8

305259 2007 YP_{14} 7 25.6 239°.46 4°.5/28.8 18

6 20	20 41.74	− 3 52.4	2.301	3.106	13.3	20.8
6 30	20 37.49	− 3 57.5	2.211	3.099	10.8	20.7
7 10	20 31.58	− 4 17.8	2.143	3.093	8.1	20.5
7 20	20 24.46	− 4 53.0	2.099	3.086	5.5	20.3
7 30	20 16.78	− 5 41.3	2.083	3.078	4.5	20.2
8 9	20 9.33	− 6 39.5	2.094	3.071	6.1	20.3
8 19	20 2.84	− 7 43.3	2.131	3.063	8.8	20.5
8 29	19 57.95	− 8 48.5	2.193	3.056	11.6	20.6

29834 Mariacallas 7 25.6 223°.77 1°.0/24.9 18

6 20	20 44.81	−20 57.8	2.153	3.009	12.3	18.6
6 30	20 39.97	−21 21.6	2.074	3.007	9.3	18.4
7 10	20 33.20	−21 49.8	2.019	3.004	5.8	18.2
7 20	20 25.06	−22 19.2	1.990	3.002	2.2	17.9
7 30	20 16.36	−22 46.1	1.988	2.999	2.2	17.9
8 9	20 8.02	−23 7.6	2.014	2.996	5.9	18.2
8 19	20 0.89	−23 21.8	2.066	2.993	9.4	18.4
8 29	19 55.67	−23 28.2	2.141	2.990	12.4	18.6

255452 2005 YC_{38} 7 25.6 171°.02 1°.7/24.5 18

6 20	20 46.53	−25 33.3	2.908	3.754	9.8	21.2
6 30	20 40.71	−25 40.8	2.830	3.756	7.4	21.1
7 10	20 33.39	−25 48.0	2.777	3.759	4.7	20.9
7 20	20 25.07	−25 52.4	2.752	3.761	2.2	20.7
7 30	20 16.39	−25 51.9	2.756	3.762	2.4	20.7
8 9	20 8.07	−25 45.1	2.789	3.764	5.0	20.9
8 19	20 0.75	−25 31.9	2.851	3.765	7.6	21.1
8 29	19 54.96	−25 12.5	2.937	3.765	10.0	21.3

307563 2003 FF_6 7 25.6 55°.92 6°.9/28.7 17

6 20	20 46.04	− 4 42.0	1.196	2.043	20.7	19.9
6 30	20 41.76	− 4 12.2	1.143	2.056	16.8	19.6
7 10	20 34.69	− 4 5.9	1.108	2.070	12.4	19.4
7 20	20 25.66	− 4 24.0	1.093	2.084	8.5	19.3
7 30	20 15.95	− 5 4.0	1.100	2.099	6.9	19.2
8 9	20 7.04	− 6 0.1	1.131	2.113	9.3	19.4
8 19	20 0.12	− 7 4.8	1.184	2.128	13.1	19.7
8 29	19 56.08	− 8 10.9	1.257	2.143	16.9	20.0

176650 2002 NV_{45} 7 25.6 359°.26 3°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.90	−14 11.5	1.122	2.004	19.4	19.2
6 30	20 40.55	−13 38.1	1.059	2.001	15.1	19.0
7 10	20 34.16	−13 17.3	1.014	1.999	10.1	18.7
7 20	20 25.53	−13 8.5	0.990	1.998	5.1	18.4
7 30	20 16.01	−13 9.9	0.988	1.999	3.8	18.3
8 9	20 7.20	−13 17.9	1.008	2.000	8.5	18.6
8 19	20 0.48	−13 29.0	1.050	2.002	13.5	18.9
8 29	19 56.84	−13 40.0	1.110	2.006	18.0	19.2

278351 2007 JX_{22} 7 25.6 348°.15 9°.9/28.8 17

6 20	20 42.55	− 1 33.6	1.349	2.181	19.6	19.5
6 30	20 39.11	− 0 2.6	1.277	2.173	16.6	19.3
7 10	20 33.10	+ 1 9.5	1.223	2.166	13.5	19.1
7 20	20 25.14	+ 1 57.6	1.189	2.159	10.8	18.9
7 30	20 16.32	+ 2 18.6	1.177	2.154	9.9	18.9
8 9	20 7.94	+ 2 13.1	1.187	2.151	11.4	18.9
8 19	20 1.19	+ 1 45.3	1.219	2.148	14.2	19.1
8 29	19 57.03	+ 1 1.8	1.269	2.146	17.5	19.3

25913 Jamesgreen 7 25.6 353°.31 9°.3/22.4 18

6 20	20 48.64	−38 26.4	1.298	2.179	17.3	16.8
6 30	20 44.43	−39 12.4	1.239	2.172	14.1	16.6
7 10	20 36.72	−39 47.0	1.199	2.167	11.1	16.4
7 20	20 26.47	−40 0.9	1.180	2.162	9.4	16.3
7 30	20 15.34	−39 46.8	1.183	2.159	10.1	16.3
8 9	20 5.22	−39 3.3	1.209	2.157	12.7	16.4
8 19	19 57.65	−37 54.0	1.254	2.157	16.0	16.6
8 29	19 53.60	−36 25.8	1.319	2.157	19.2	16.8

56457 2000 GE_{95} 7 25.6 19°.16 4°.8/27.1 18

6 20	20 43.58	−11 53.6	0.934	1.823	21.7	17.3
6 30	20 40.56	−11 7.8	0.886	1.830	17.1	17.1
7 10	20 34.23	−10 39.5	0.853	1.837	11.8	16.8
7 20	20 25.56	−10 29.4	0.840	1.846	6.6	16.6
7 30	20 16.09	−10 35.5	0.847	1.856	5.2	16.5
8 9	20 7.59	−10 53.4	0.876	1.868	9.3	16.8
8 19	20 1.48	−11 17.7	0.924	1.881	14.4	17.1
8 29	19 58.72	−11 43.0	0.990	1.895	18.9	17.4

59453 1999 GN_{35} 7 25.6 95°.67 2°.8/24.2 18

6 20	20 48.80	−24 43.5	1.692	2.559	14.6	19.2
6 30	20 43.38	−25 19.7	1.632	2.570	11.0	19.0
7 10	20 35.50	−25 58.1	1.595	2.580	7.0	18.8
7 20	20 25.94	−26 33.3	1.581	2.590	3.4	18.6
7 30	20 15.80	−27 0.3	1.595	2.601	3.8	18.6
8 9	20 6.32	−27 15.5	1.634	2.611	7.6	18.9
8 19	19 58.56	−27 18.2	1.698	2.620	11.3	19.1
8 29	19 53.32	−27 9.4	1.784	2.630	14.6	19.4

96557 1998 SC_{127} 7 25.6 291°.49 0°.2/25.7 18

6 20	20 41.75	−16 40.0	2.282	3.132	11.9	19.6
6 30	20 37.66	−17 8.8	2.189	3.118	9.1	19.4
7 10	20 31.79	−17 45.5	2.120	3.103	5.8	19.2
7 20	20 24.61	−18 27.7	2.077	3.089	2.2	18.9
7 30	20 16.81	−19 11.8	2.062	3.075	1.6	18.8
8 9	20 9.22	−19 54.3	2.075	3.060	5.4	19.1
8 19	20 2.63	−20 32.1	2.113	3.046	8.9	19.2
8 29	19 57.73	−21 3.3	2.176	3.032	12.0	19.4

238627 2005 CL_{21} 7 25.6 152°.44 1°.1/24.9 18

6 20	20 46.00	−20 39.6	2.214	3.067	12.2	20.7
6 30	20 40.78	−21 15.9	2.142	3.073	9.2	20.5
7 10	20 33.68	−21 57.1	2.094	3.079	5.7	20.3
7 20	20 25.27	−22 39.4	2.072	3.084	2.2	20.1
7 30	20 16.34	−23 18.7	2.079	3.089	2.3	20.1
8 9	20 7.80	−23 51.8	2.113	3.094	5.8	20.3
8 19	20 0.47	−24 16.6	2.174	3.098	9.2	20.6
8 29	19 55.02	−24 32.4	2.259	3.102	12.1	20.8

476249 2007 VV_{77} 7 25.6 245°.08 3°.4/23.5 18

6 20	20 45.85	−26 22.4	1.970	2.836	12.9	21.7
6 30	20 41.04	−27 11.9	1.898	2.834	9.8	21.5
7 10	20 34.03	−28 3.2	1.849	2.833	6.4	21.3
7 20	20 25.44	−28 50.9	1.825	2.831	3.7	21.1
7 30	20 16.19	−29 29.7	1.829	2.829	4.3	21.2
8 9	20 7.37	−29 56.1	1.858	2.828	7.4	21.3
8 19	19 59.94	−30 8.5	1.913	2.826	10.8	21.5
8 29	19 54.71	−30 7.7	1.990	2.824	13.8	21.7

93475 2000 TB_{17} 7 25.6 155°.55 6°.1/20.7 18

6 20	20 48.68	−38 53.8	2.710	3.551	10.6	19.5
6 30	20 42.78	−39 58.8	2.650	3.557	8.6	19.4
7 10	20 34.94	−40 57.1	2.615	3.563	6.9	19.3
7 20	20 25.73	−41 43.6	2.605	3.569	6.1	19.2
7 30	20 15.99	−42 14.0	2.623	3.574	6.7	19.3
8 9	20 6.68	−42 26.3	2.667	3.578	8.3	19.4
8 19	19 58.64	−42 21.0	2.736	3.583	10.2	19.5
8 29	19 52.55	−42 0.2	2.827	3.587	12.0	19.7

272007 2005 CT_{63} 7 25.6 147°.54 3°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.09	− 5 16.9	3.011	3.811	10.6	20.9
6 30	20 35.85	− 5 36.2	2.929	3.817	8.5	20.7
7 10	20 30.36	− 6 6.8	2.870	3.822	6.2	20.6
7 20	20 24.03	− 6 47.8	2.838	3.828	4.0	20.4
7 30	20 17.35	− 7 37.1	2.834	3.833	3.1	20.4
8 9	20 10.88	− 8 32.2	2.858	3.837	4.6	20.5
8 19	20 5.16	− 9 29.8	2.911	3.842	6.8	20.7
8 29	20 0.65	−10 27.1	2.990	3.846	9.1	20.8

367729 2010 UL_{54} 7 25.6 3°.58 6°.9/22.8 17

6 20	20 47.21	−30 49.7	1.158	2.051	18.1	20.1
6 30	20 43.43	−31 50.4	1.102	2.050	14.1	19.9
7 10	20 36.17	−32 49.0	1.066	2.050	9.9	19.6
7 20	20 26.33	−33 35.6	1.051	2.051	7.1	19.5
7 30	20 15.52	−34 1.4	1.058	2.052	8.0	19.5
8 9	20 5.63	−34 1.9	1.087	2.054	11.6	19.8
8 19	19 58.23	−33 38.4	1.136	2.057	15.8	20.0
8 29	19 54.36	−32 55.2	1.204	2.061	19.5	20.3

349438 2008 BA_{1} 7 25.6 156°.88 3°.7/22.9 18

6 20	20 45.96	−28 17.2	2.281	3.141	11.6	21.3
6 30	20 40.85	−29 13.8	2.212	3.144	8.9	21.1
7 10	20 33.79	−30 10.5	2.167	3.147	6.0	20.9
7 20	20 25.34	−31 2.1	2.149	3.150	3.9	20.8
7 30	20 16.32	−31 44.0	2.158	3.152	4.5	20.9
8 9	20 7.70	−32 13.0	2.195	3.155	7.1	21.0
8 19	20 0.32	−32 27.8	2.257	3.157	9.9	21.2
8 29	19 54.89	−32 29.3	2.342	3.159	12.5	21.4

213681 2002 TF_{109} 7 25.6 275°.16 2°.6/24.1 18

6 20	20 46.02	−24 56.1	1.946	2.810	13.1	20.8
6 30	20 41.21	−25 30.9	1.866	2.803	9.9	20.5
7 10	20 34.18	−26 8.1	1.810	2.795	6.4	20.3
7 20	20 25.53	−26 43.2	1.779	2.787	3.2	20.1
7 30	20 16.18	−27 11.4	1.774	2.780	3.6	20.1
8 9	20 7.21	−27 29.3	1.797	2.772	7.1	20.3
8 19	19 59.64	−27 35.6	1.844	2.764	10.7	20.5
8 29	19 54.26	−27 30.4	1.914	2.757	13.9	20.7

171261 2006 DA_{33} 7 25.6 355°.86 3°.9/27.4 17

6 20	20 41.89	−10 0.8	1.099	1.975	20.1	19.8
6 30	20 39.14	−10 1.6	1.035	1.971	15.9	19.5
7 10	20 33.38	−10 23.6	0.988	1.969	11.0	19.2
7 20	20 25.34	−11 5.6	0.961	1.967	6.0	19.0
7 30	20 16.32	−12 2.9	0.956	1.966	4.3	18.9
8 9	20 7.90	−13 8.4	0.974	1.966	8.5	19.1
8 19	20 1.48	−14 14.2	1.013	1.967	13.7	19.4
8 29	19 58.14	−15 13.9	1.071	1.969	18.2	19.7

95085 2002 AJ_{87} 7 25.6 316°.40 2°.5/27.2 18

6 20	20 42.59	− 9 26.5	1.611	2.459	16.2	19.4
6 30	20 38.89	−10 6.3	1.531	2.454	12.7	19.1
7 10	20 32.87	−11 4.9	1.472	2.448	8.6	18.9
7 20	20 25.10	−12 19.7	1.437	2.443	4.4	18.6
7 30	20 16.52	−13 45.2	1.427	2.438	2.9	18.5
8 9	20 8.26	−15 14.6	1.444	2.433	6.7	18.7
8 19	20 1.41	−16 40.9	1.485	2.429	11.1	19.0
8 29	19 56.85	−17 58.7	1.549	2.424	14.9	19.2

230875 2004 RJ_{213} 7 25.6 319°.46 4°.5/26.8 18

6 20	20 47.56	−12 14.1	1.504	2.356	16.9	19.4
6 30	20 42.79	−11 12.3	1.420	2.343	13.4	19.2
7 10	20 35.40	−10 18.7	1.357	2.331	9.4	18.9
7 20	20 26.04	− 9 35.0	1.318	2.319	5.6	18.7
7 30	20 15.78	− 9 1.7	1.303	2.308	4.8	18.6
8 9	20 5.96	− 8 38.7	1.313	2.297	8.1	18.8
8 19	19 57.76	− 8 24.4	1.347	2.286	12.3	19.0
8 29	19 52.16	− 8 16.8	1.402	2.276	16.3	19.2

381917 2010 CE_{58} 7 25.6 213°.30 0°.8/25.9 18

6 20	20 48.67	−16 57.2	2.322	3.160	12.2	21.6
6 30	20 42.75	−16 52.5	2.231	3.152	9.3	21.4
7 10	20 34.94	−16 53.0	2.164	3.143	6.0	21.1
7 20	20 25.78	−16 57.1	2.124	3.134	2.4	20.9
7 30	20 16.02	−17 2.6	2.112	3.124	1.7	20.8
8 9	20 6.56	−17 7.6	2.129	3.114	5.4	21.0
8 19	19 58.24	−17 10.7	2.173	3.102	8.9	21.2
8 29	19 51.75	−17 10.8	2.242	3.091	12.0	21.4

387129 2012 TF_{190} 7 25.6 209°.39 1°.2/24.9 18

6 20	20 46.75	−21 40.9	1.994	2.852	13.1	21.4
6 30	20 41.60	−22 0.5	1.917	2.850	9.9	21.2
7 10	20 34.34	−22 24.2	1.862	2.848	6.2	21.0
7 20	20 25.57	−22 48.2	1.834	2.845	2.4	20.8
7 30	20 16.19	−23 8.9	1.832	2.843	2.4	20.8
8 9	20 7.23	−23 23.4	1.858	2.840	6.3	21.0
8 19	19 59.63	−23 30.1	1.910	2.837	10.0	21.2
8 29	19 54.12	−23 28.7	1.984	2.834	13.2	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
317291 2002 GD_{48}			7 25.6 113°.73		5°.0/23.5 17	
	h m	° ′			°	m
6 20	20 51.95	−29 5.5	1.457	2.330	16.2	21.2
6 30	20 46.29	−29 51.8	1.398	2.336	12.4	21.0
7 10	20 37.62	−30 36.8	1.360	2.342	8.4	20.8
7 20	20 26.81	−31 13.0	1.345	2.348	5.3	20.6
7 30	20 15.25	−31 33.7	1.355	2.353	6.0	20.7
8 9	20 4.50	−31 35.6	1.390	2.358	9.5	20.9
8 19	19 55.91	−31 19.3	1.448	2.363	13.4	21.1
8 29	19 50.39	−30 47.9	1.527	2.368	16.9	21.4
334027 2000 XY_{17}			7 25.6 165°.29		0°.1/25.6 18	
6 20	20 49.89	−19 44.8	1.979	2.828	13.5	20.2
6 30	20 43.85	−19 33.8	1.903	2.831	10.3	20.0
7 10	20 35.68	−19 26.4	1.850	2.833	6.5	19.8
7 20	20 26.04	−19 20.5	1.823	2.835	2.4	19.5
7 30	20 15.86	−19 13.8	1.824	2.837	1.9	19.5
8 9	20 6.20	−19 4.6	1.853	2.838	6.0	19.8
8 19	19 57.97	−18 52.3	1.909	2.840	9.8	20.0
8 29	19 51.91	−18 36.5	1.987	2.840	13.1	20.2
358390 2006 YT_{45}			7 25.6 222°.81		0°.7/26.1 18	
6 20	20 43.62	−15 56.1	2.328	3.172	11.9	22.0
6 30	20 38.95	−16 9.8	2.244	3.168	9.1	21.8
7 10	20 32.54	−16 30.6	2.184	3.164	5.9	21.6
7 20	20 24.91	−16 56.4	2.149	3.160	2.4	21.3
7 30	20 16.75	−17 24.6	2.143	3.156	1.6	21.3
8 9	20 8.88	−17 52.2	2.165	3.151	5.2	21.5
8 19	20 2.06	−18 17.1	2.213	3.146	8.5	21.7
8 29	19 56.92	−18 37.3	2.286	3.141	11.5	21.9
511981 2015 KK_{75}			7 25.6 306°.71		1°.7/26.6 18	
6 20	20 42.04	−12 26.7	1.616	2.474	15.7	20.7
6 30	20 38.66	−12 55.6	1.522	2.451	12.2	20.4
7 10	20 32.87	−13 40.5	1.448	2.429	8.1	20.1
7 20	20 25.17	−14 39.1	1.398	2.407	3.7	19.8
7 30	20 16.46	−15 46.8	1.374	2.386	2.4	19.6
8 9	20 7.92	−16 57.6	1.375	2.365	7.0	19.9
8 19	20 0.71	−18 5.5	1.400	2.344	11.6	20.1
8 29	19 55.84	−19 5.7	1.447	2.323	15.7	20.3
71524 2000 CM_{78}			7 25.6 276°.15		0°.3/25.8 18	
6 20	20 42.31	−17 2.4	2.473	3.320	11.3	19.1
6 30	20 37.95	−17 20.5	2.379	3.305	8.6	18.9
7 10	20 31.93	−17 45.0	2.308	3.290	5.5	18.6
7 20	20 24.70	−18 13.9	2.264	3.275	2.1	18.4
7 30	20 16.90	−18 44.2	2.248	3.261	1.5	18.3
8 9	20 9.31	−19 13.4	2.260	3.246	5.0	18.5
8 19	20 2.65	−19 39.0	2.299	3.231	8.3	18.7
8 29	19 57.56	−19 59.4	2.362	3.215	11.2	18.9
519279 2011 BE_{166}			7 25.6 234°.71		3°.5/24.2 17	
6 20	20 52.34	−27 49.1	1.758	2.620	14.4	22.2
6 30	20 46.26	−28 7.9	1.678	2.611	11.1	22.0
7 10	20 37.51	−28 25.7	1.621	2.603	7.3	21.8
7 20	20 26.81	−28 37.0	1.588	2.594	4.0	21.5
7 30	20 15.30	−28 37.3	1.581	2.585	4.4	21.5
8 9	20 4.34	−28 24.2	1.602	2.575	8.0	21.7
8 19	19 55.12	−27 57.8	1.647	2.565	11.9	22.0
8 29	19 48.57	−27 20.6	1.714	2.555	15.4	22.2
180313 2003 XY_{3}			7 25.6 189°.67		0°.7/25.2 18	
6 20	20 48.77	−19 2.2	1.870	2.724	14.0	21.1
6 30	20 43.28	−19 36.6	1.793	2.723	10.6	20.9
7 10	20 35.51	−20 18.4	1.737	2.722	6.7	20.7
7 20	20 26.06	−21 3.6	1.708	2.720	2.4	20.4
7 30	20 15.89	−21 47.2	1.705	2.717	2.3	20.4
8 9	20 6.12	−22 24.9	1.731	2.714	6.5	20.7
8 19	19 57.79	−22 54.1	1.782	2.710	10.5	20.9
8 29	19 51.71	−23 13.7	1.856	2.706	14.0	21.1
250966 2006 FG_{7}			7 25.6	5°.44	7°.7/22.8 17	
6 20	20 44.51	−31 3.8	0.965	1.872	19.6	19.2
6 30	20 41.88	−32 6.6	0.916	1.871	15.3	18.9
7 10	20 35.42	−33 6.5	0.885	1.872	10.9	18.7
7 20	20 26.16	−33 52.4	0.873	1.874	7.9	18.5
7 30	20 15.86	−34 14.4	0.882	1.877	8.8	18.6
8 9	20 6.65	−34 8.3	0.910	1.882	12.7	18.8
8 19	20 0.21	−33 35.7	0.958	1.888	17.0	19.1
8 29	19 57.60	−32 42.2	1.023	1.896	21.0	19.4
270329 2001 XU_{116}			7 25.6 113°.80		1°.2/25.9 18	
6 20	20 51.04	−18 0.9	1.740	2.592	15.0	20.1
6 30	20 44.92	−17 30.6	1.669	2.596	11.5	19.9
7 10	20 36.45	−17 5.0	1.619	2.601	7.4	19.7
7 20	20 26.36	−16 42.7	1.595	2.605	3.0	19.4
7 30	20 15.71	−16 22.3	1.598	2.610	2.2	19.4
8 9	20 5.67	−16 2.6	1.627	2.614	6.5	19.6
8 19	19 57.28	−15 43.0	1.683	2.618	10.6	19.9
8 29	19 51.30	−15 23.1	1.761	2.622	14.1	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
320422 2007 VN_{58}			7 25.6 124°.37		1°.3/26.2 17	
	h m	° ′			°	m
6 20	20 50.54	−15 33.3	1.676	2.525	15.6	21.5
6 30	20 44.58	−15 34.7	1.612	2.538	11.9	21.3
7 10	20 36.26	−15 45.3	1.571	2.551	7.7	21.1
7 20	20 26.31	−16 2.4	1.553	2.563	3.2	20.8
7 30	20 15.81	−16 22.6	1.563	2.575	2.2	20.8
8 9	20 5.96	−16 42.6	1.600	2.587	6.5	21.1
8 19	19 57.78	−16 59.9	1.662	2.598	10.6	21.3
8 29	19 52.03	−17 12.8	1.747	2.608	14.2	21.6
506149 2016 EW_{65}			7 25.6 17°.25		4°.4/24.2 17	
6 20	20 49.05	−27 36.3	1.145	2.036	18.4	20.2
6 30	20 44.64	−27 58.2	1.090	2.039	14.1	19.9
7 10	20 36.84	−28 19.3	1.054	2.043	9.3	19.7
7 20	20 26.62	−28 32.6	1.039	2.048	5.0	19.5
7 30	20 15.59	−28 31.8	1.048	2.053	5.5	19.5
8 9	20 5.57	−28 14.2	1.079	2.059	9.9	19.8
8 19	19 58.03	−27 41.1	1.131	2.066	14.5	20.1
8 29	19 53.92	−26 55.9	1.202	2.074	18.6	20.3
71258 2000 AO_{20}			7 25.6 193°.45		1°.9/24.4 18	
6 20	20 46.81	−23 18.1	2.208	3.063	12.1	20.1
6 30	20 41.53	−23 52.5	2.130	3.062	9.1	19.9
7 10	20 34.27	−24 29.8	2.076	3.060	5.8	19.7
7 20	20 25.60	−25 6.3	2.048	3.058	2.6	19.5
7 30	20 16.35	−25 37.8	2.048	3.055	2.9	19.5
8 9	20 7.46	−26 1.1	2.075	3.052	6.2	19.7
8 19	19 59.80	−26 14.9	2.129	3.049	9.5	19.9
8 29	19 54.09	−26 18.8	2.207	3.045	12.5	20.1
381768 2009 SH_{291}			7 25.6 290°.63		2°.9/24.1 18	
6 20	20 46.46	−23 12.3	1.565	2.438	15.3	21.3
6 30	20 42.33	−24 1.3	1.473	2.414	11.7	21.0
7 10	20 35.39	−24 57.7	1.403	2.390	7.5	20.7
7 20	20 26.19	−25 55.6	1.356	2.366	3.6	20.4
7 30	20 15.80	−26 47.9	1.335	2.342	4.2	20.4
8 9	20 5.61	−27 28.4	1.340	2.318	8.6	20.6
8 19	19 56.99	−27 53.7	1.367	2.294	13.2	20.8
8 29	19 51.10	−28 3.2	1.415	2.270	17.3	20.9
160223 2002 GK_{46}			7 25.6 149°.45		8°.4/ 3.3 18	
6 20	20 41.36	+13 6.9	2.827	3.514	13.6	20.9
6 30	20 36.93	+13 20.7	2.747	3.521	12.2	20.8
7 10	20 31.14	+13 14.7	2.685	3.527	10.6	20.7
7 20	20 24.41	+12 47.2	2.645	3.533	9.3	20.6
7 30	20 17.31	+11 58.4	2.629	3.538	8.5	20.5
8 9	20 10.45	+10 50.3	2.638	3.544	8.5	20.5
8 19	20 4.41	+ 9 26.9	2.672	3.549	9.4	20.6
8 29	19 59.71	+ 7 53.2	2.732	3.553	10.8	20.7
76994 2001 BW_{73}			7 25.6 62°.38		0°.6/25.8 17	
6 20	20 49.26	−17 56.0	1.348	2.218	17.5	19.3
6 30	20 44.11	−17 52.5	1.292	2.230	13.3	19.1
7 10	20 36.17	−17 57.3	1.255	2.241	8.4	18.8
7 20	20 26.32	−18 7.2	1.241	2.253	3.2	18.6
7 30	20 15.86	−18 18.6	1.252	2.265	2.3	18.5
8 9	20 6.21	−18 27.9	1.288	2.277	7.4	18.9
8 19	19 58.57	−18 33.1	1.347	2.289	12.1	19.2
8 29	19 53.78	−18 33.0	1.428	2.302	16.0	19.5
235772 2004 VZ_{23}			7 25.6 241°.74		2°.0/24.4 18	
6 20	20 47.27	−22 52.3	2.072	2.929	12.7	21.2
6 30	20 42.13	−23 30.5	1.984	2.916	9.7	20.9
7 10	20 34.81	−24 13.1	1.918	2.903	6.2	20.7
7 20	20 25.86	−24 55.7	1.878	2.889	2.7	20.5
7 30	20 16.14	−25 33.7	1.866	2.874	3.0	20.5
8 9	20 6.69	−26 3.3	1.882	2.859	6.7	20.7
8 19	19 58.49	−26 22.2	1.923	2.844	10.3	20.9
8 29	19 52.38	−26 30.2	1.988	2.828	13.6	21.0
36729 2000 RV_{47}			7 25.6 157°.72		2°.0/24.7 18	
6 20	20 50.72	−24 54.2	2.049	2.903	13.0	18.8
6 30	20 44.49	−25 5.5	1.978	2.908	9.8	18.6
7 10	20 36.12	−25 17.3	1.929	2.912	6.3	18.4
7 20	20 26.27	−25 25.9	1.907	2.917	2.8	18.2
7 30	20 15.90	−25 28.1	1.913	2.921	3.0	18.2
8 9	20 6.08	−25 21.9	1.946	2.924	6.5	18.5
8 19	19 57.75	−25 7.0	2.006	2.927	9.9	18.7
8 29	19 51.60	−24 44.5	2.090	2.930	13.0	18.9
214741 2006 TH_{46}			7 25.6 42°.35		4°.6/28.4 18	
6 20	20 42.71	− 5 50.5	2.068	2.887	14.1	20.4
6 30	20 38.39	− 5 36.3	1.990	2.888	11.4	20.2
7 10	20 32.28	− 5 36.2	1.934	2.890	8.4	20.0
7 20	20 24.88	− 5 50.1	1.902	2.892	5.6	19.9
7 30	20 16.97	− 6 16.7	1.896	2.894	4.6	19.8
8 9	20 9.39	− 6 53.1	1.917	2.896	6.4	19.9
8 19	20 2.94	− 7 35.6	1.964	2.898	9.4	20.1
8 29	19 58.27	− 8 20.3	2.034	2.900	12.3	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
483573 2004 DD_{64}			7 25.6 146.°72	17.°4/21.9 18		
	h m	° ′			°	m
6 20	21 17.45	−52 57.5	1.127	1.958	22.7	20.9
6 30	21 8.21	−54 22.3	1.085	1.962	20.3	20.8
7 10	20 52.57	−55 18.6	1.059	1.966	18.3	20.6
7 20	20 32.43	−55 27.9	1.051	1.970	17.4	20.6
7 30	20 11.37	−54 39.1	1.062	1.973	17.8	20.6
8 9	19 53.28	−52 54.9	1.092	1.976	19.5	20.8
8 19	19 40.61	−50 29.2	1.140	1.979	21.7	20.9
8 29	19 34.12	−47 39.1	1.204	1.981	24.1	21.1
296031 2008 YU_{166}			7 25.6 254.°48	2.°3/24.3 18		
6 20	20 46.37	−23 38.1	2.008	2.869	12.9	21.0
6 30	20 41.51	−24 18.2	1.923	2.858	9.8	20.7
7 10	20 34.44	−25 2.3	1.861	2.846	6.3	20.5
7 20	20 25.74	−25 45.9	1.824	2.833	2.9	20.3
7 30	20 16.27	−26 24.0	1.814	2.821	3.3	20.3
8 9	20 7.11	−26 52.7	1.832	2.808	6.9	20.5
8 19	19 59.25	−27 9.9	1.875	2.795	10.6	20.7
8 29	19 53.51	−27 15.6	1.941	2.782	13.8	20.9
349943 2010 CO_{29}			7 25.6 243.°41	2.°1/26.9 16		
6 20	20 43.98	−11 44.1	1.852	2.696	14.5	21.1
6 30	20 39.64	−12 1.9	1.773	2.694	11.3	20.9
7 10	20 33.21	−12 32.7	1.716	2.693	7.6	20.7
7 20	20 25.27	−13 14.2	1.684	2.691	3.7	20.4
7 30	20 16.67	−14 2.9	1.678	2.689	2.5	20.3
8 9	20 8.43	−14 54.4	1.699	2.687	6.1	20.6
8 19	20 1.46	−15 44.5	1.746	2.685	10.0	20.8
8 29	19 56.55	−16 29.8	1.815	2.683	13.4	21.0
475985 2007 PR_{27}			7 25.6 300.°09	3.°1/27.2 16		
6 20	20 44.56	−11 1.0	1.808	2.650	14.9	21.5
6 30	20 40.11	−10 48.9	1.727	2.645	11.7	21.3
7 10	20 33.53	−10 48.6	1.668	2.641	8.1	21.1
7 20	20 25.39	−10 59.4	1.633	2.636	4.5	20.9
7 30	20 16.58	−11 19.2	1.624	2.631	3.4	20.8
8 9	20 8.13	−11 45.2	1.641	2.627	6.5	21.0
8 19	20 1.01	−12 13.8	1.683	2.623	10.3	21.2
8 29	19 55.99	−12 42.1	1.748	2.618	13.7	21.4
339289 2004 XY_{25}			7 25.6 303.°08	3.°5/23.9 18		
6 20	20 46.59	−25 21.3	1.591	2.465	15.0	20.7
6 30	20 42.52	−26 3.8	1.492	2.433	11.6	20.4
7 10	20 35.59	−26 51.2	1.414	2.400	7.6	20.1
7 20	20 26.32	−27 37.8	1.360	2.368	4.1	19.8
7 30	20 15.75	−28 16.4	1.330	2.335	4.7	19.8
8 9	20 5.28	−28 41.6	1.326	2.303	9.0	19.9
8 19	19 56.36	−28 50.5	1.346	2.270	13.5	20.1
8 29	19 50.20	−28 43.2	1.385	2.238	17.7	20.3
237183 2008 UG_{195}			7 25.6 266.°35	0.°1/25.6 18		
6 20	20 45.09	−17 43.5	1.874	2.731	13.9	20.9
6 30	20 40.59	−18 9.3	1.789	2.721	10.6	20.7
7 10	20 33.88	−18 43.6	1.726	2.711	6.7	20.5
7 20	20 25.54	−19 23.1	1.688	2.700	2.5	20.2
7 30	20 16.45	−20 3.5	1.678	2.690	2.0	20.1
8 9	20 7.67	−20 40.7	1.694	2.680	6.3	20.4
8 19	20 0.19	−21 11.5	1.735	2.669	10.4	20.6
8 29	19 54.84	−21 34.2	1.799	2.659	13.9	20.8
373227 2012 FS_{61}			7 25.6 158.°29	0.°4/25.4 17		
6 20	20 48.70	−18 14.6	1.797	2.651	14.5	22.1
6 30	20 43.25	−18 48.4	1.726	2.656	11.0	21.9
7 10	20 35.51	−19 30.3	1.677	2.662	6.9	21.7
7 20	20 26.11	−20 16.1	1.654	2.666	2.5	21.4
7 30	20 16.06	−21 1.0	1.658	2.670	2.2	21.4
8 9	20 6.48	−21 40.5	1.690	2.674	6.5	21.7
8 19	19 58.42	−22 11.7	1.747	2.677	10.6	21.9
8 29	19 52.66	−22 33.5	1.826	2.680	14.0	22.1
514467 2016 UV_{136}			7 25.6 205.°63	4.°2/22.5 18		
6 20	20 45.75	−30 35.3	2.434	3.291	11.1	21.7
6 30	20 40.72	−31 33.6	2.360	3.288	8.5	21.5
7 10	20 33.78	−32 30.6	2.311	3.286	6.0	21.4
7 20	20 25.46	−33 21.5	2.288	3.283	4.3	21.3
7 30	20 16.55	−34 1.5	2.293	3.280	5.0	21.3
8 9	20 7.97	−34 27.6	2.325	3.276	7.3	21.4
8 19	20 0.56	−34 39.0	2.382	3.273	9.9	21.6
8 29	19 55.03	−34 36.5	2.462	3.269	12.3	21.8
366178 2012 GL_{29}			7 25.6 171.°97	1.°3/26.3 17		
6 20	20 48.68	−14 25.7	1.846	2.689	14.6	22.3
6 30	20 43.16	−14 40.7	1.770	2.693	11.2	22.1
7 10	20 35.42	−15 5.9	1.716	2.695	7.3	21.9
7 20	20 26.08	−15 38.7	1.688	2.698	3.1	21.6
7 30	20 16.09	−16 15.5	1.687	2.699	2.1	21.5
8 9	20 6.53	−16 52.2	1.713	2.700	6.2	21.8
8 19	19 58.40	−17 25.6	1.766	2.700	10.2	22.0
8 29	19 52.47	−17 53.6	1.841	2.700	13.7	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470331 2007 RD_{31}			7 25.6 288.°71	11.°0/ 2.0 18		
	h m	° ′			°	m
6 20	20 42.79	+12 1.7	2.059	2.778	17.3	21.0
6 30	20 38.86	+12 27.7	1.946	2.746	15.6	20.8
7 10	20 32.87	+12 28.4	1.849	2.714	13.7	20.6
7 20	20 25.23	+11 59.2	1.773	2.681	12.0	20.4
7 30	20 16.66	+10 57.6	1.719	2.648	11.0	20.3
8 9	20 8.07	+ 9 25.1	1.689	2.614	11.3	20.2
8 19	20 0.41	+ 7 26.7	1.683	2.581	12.9	20.2
8 29	19 54.59	+ 5 10.6	1.701	2.547	15.2	20.3
521492 2015 OW_{94}			7 25.6 56.°11	4.°0/23.9 18		
6 20	20 50.13	−31 25.6	2.117	2.973	12.5	21.0
6 30	20 44.00	−31 35.9	2.054	2.981	9.6	20.9
7 10	20 35.76	−31 41.6	2.013	2.990	6.6	20.7
7 20	20 26.14	−31 38.7	1.998	2.998	4.3	20.6
7 30	20 16.11	−31 24.2	2.011	3.007	4.6	20.6
8 9	20 6.74	−30 57.2	2.051	3.015	7.2	20.8
8 19	19 58.93	−30 18.7	2.116	3.024	10.2	21.0
8 29	19 53.33	−29 31.3	2.205	3.033	12.8	21.2
485717 2012 BH_{1}			7 25.6 222.°94	4.°3/28.8 17		
6 20	20 53.54	+ 1 17.7	1.232	2.040	22.4	21.2
6 30	20 48.36	− 0 48.1	1.138	2.032	18.4	20.9
7 10	20 39.67	− 3 44.6	1.063	2.022	13.3	20.5
7 20	20 27.96	− 7 29.7	1.013	2.012	7.5	20.2
7 30	20 14.43	−11 49.9	0.991	2.000	4.4	20.0
8 9	20 0.84	−16 21.3	0.999	1.988	9.1	20.2
8 19	19 49.06	−20 38.6	1.036	1.974	15.2	20.5
8 29	19 40.65	−24 23.9	1.097	1.960	20.6	20.8
333560 2005 XL_{73}			7 25.6 346.°58	5.°4/26.7 16		
6 20	20 48.30	−12 8.5	1.331	2.190	18.3	19.9
6 30	20 43.58	−10 44.0	1.257	2.183	14.6	19.6
7 10	20 36.02	− 9 27.6	1.203	2.176	10.4	19.4
7 20	20 26.38	− 8 22.2	1.171	2.171	6.5	19.1
7 30	20 15.87	− 7 29.8	1.164	2.166	5.7	19.1
8 9	20 5.96	− 6 51.3	1.180	2.163	9.0	19.2
8 19	19 57.91	− 6 25.7	1.220	2.160	13.2	19.5
8 29	19 52.71	− 6 10.4	1.279	2.158	17.2	19.7
202403 2005 JB_{146}			7 25.6 12.°53	3.°0/24.4 17		
6 20	20 42.41	−22 54.3	1.020	1.923	19.1	19.5
6 30	20 39.82	−23 33.0	0.970	1.926	14.5	19.3
7 10	20 33.92	−24 18.5	0.938	1.931	9.2	19.0
7 20	20 25.63	−25 3.5	0.926	1.938	4.0	18.7
7 30	20 16.49	−25 40.0	0.936	1.945	4.5	18.8
8 9	20 8.26	−26 2.4	0.967	1.955	9.6	19.1
8 19	20 2.40	−26 8.5	1.020	1.965	14.6	19.4
8 29	19 59.85	−25 59.2	1.090	1.977	18.9	19.7
206436 2003 SE_{198}			7 25.6 251.°59	3.°3/23.8 18		
6 20	20 50.32	−28 31.1	2.296	3.147	11.9	20.8
6 30	20 44.32	−28 56.5	2.200	3.128	9.1	20.6
7 10	20 36.16	−29 21.0	2.129	3.107	6.1	20.4
7 20	20 26.38	−29 40.2	2.083	3.087	3.6	20.2
7 30	20 15.85	−29 49.9	2.066	3.065	4.1	20.2
8 9	20 5.60	−29 47.8	2.077	3.043	7.0	20.3
8 19	19 56.61	−29 33.2	2.114	3.021	10.2	20.5
8 29	19 49.68	−29 7.6	2.174	2.998	13.2	20.6
206672 2003 YR_{107}			7 25.6 243.°61	1.°2/26.2 18		
6 20	20 46.63	−15 57.7	2.114	2.958	13.0	20.4
6 30	20 41.43	−15 49.1	2.026	2.949	10.0	20.2
7 10	20 34.26	−15 47.0	1.961	2.940	6.5	20.0
7 20	20 25.66	−15 49.9	1.921	2.931	2.8	19.7
7 30	20 16.43	−15 55.8	1.909	2.921	2.0	19.7
8 9	20 7.52	−16 2.5	1.925	2.911	5.7	19.9
8 19	19 59.80	−16 8.2	1.967	2.901	9.4	20.1
8 29	19 54.00	−16 11.7	2.033	2.891	12.6	20.3
363981 2005 UE_{200}			7 25.6 203.°87	0.°2/25.8 18		
6 20	20 43.34	−17 21.2	2.701	3.542	10.6	22.5
6 30	20 38.55	−17 40.5	2.615	3.539	8.0	22.3
7 10	20 32.26	−18 5.4	2.554	3.535	5.1	22.1
7 20	20 24.89	−18 33.6	2.519	3.530	1.9	21.9
7 30	20 17.06	−19 2.6	2.513	3.526	1.4	21.8
8 9	20 9.48	−19 30.0	2.536	3.521	4.6	22.1
8 19	20 2.80	−19 53.6	2.587	3.516	7.6	22.2
8 29	19 57.58	−20 12.3	2.662	3.510	10.3	22.4
266055 2006 QN_{59}			7 25.6 284.°76	2.°5/26.8 18		
6 20	20 45.89	−12 17.6	1.535	2.389	16.5	21.1
6 30	20 41.83	−12 24.5	1.437	2.363	13.0	20.8
7 10	20 35.07	−12 46.3	1.359	2.337	8.8	20.5
7 20	20 26.13	−13 21.4	1.303	2.311	4.3	20.2
7 30	20 15.98	−14 6.7	1.273	2.285	3.0	20.0
8 9	20 5.93	−14 57.1	1.269	2.258	7.5	20.2
8 19	19 57.30	−15 47.5	1.288	2.231	12.4	20.4
8 29	19 51.24	−16 33.4	1.328	2.204	16.9	20.6

159586 2001 XF_{67} 7 25.6 318°.71 2°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.03	−16 0.6	1.089	1.975	19.5	18.5
6 30	20 42.02	−15 17.3	1.005	1.950	15.4	18.2
7 10	20 35.61	−14 42.2	0.939	1.926	10.4	17.8
7 20	20 26.42	−14 15.1	0.892	1.902	5.0	17.5
7 30	20 15.75	−13 55.2	0.868	1.880	3.8	17.3
8 9	20 5.39	−13 40.6	0.865	1.858	9.3	17.6
8 19	19 57.08	−13 29.6	0.883	1.838	15.2	17.8
8 29	19 52.21	−13 20.1	0.919	1.818	20.4	18.0

362261 2009 OG_{4} 7 25.6 9°.09 5°.3/28.8 18

6 20	20 42.02	− 4 3.2	2.148	2.958	14.0	20.4
6 30	20 37.83	− 3 36.7	2.069	2.958	11.4	20.2
7 10	20 31.91	− 3 24.3	2.012	2.959	8.7	20.1
7 20	20 24.79	− 3 26.7	1.978	2.960	6.2	19.9
7 30	20 17.16	− 3 43.2	1.971	2.961	5.3	19.9
8 9	20 9.85	− 4 11.4	1.990	2.963	6.7	20.0
8 19	20 3.60	− 4 48.1	2.034	2.964	9.3	20.1
8 29	19 59.04	− 5 29.5	2.102	2.966	12.0	20.3

33174 1998 FK_{3} 7 25.6 202°.23 3°.5/28.2 18

6 20	20 44.39	− 6 19.5	2.101	2.918	14.0	18.8
6 30	20 39.75	− 6 44.4	2.015	2.915	11.2	18.6
7 10	20 33.22	− 7 25.2	1.950	2.911	8.0	18.4
7 20	20 25.30	− 8 20.8	1.911	2.907	4.8	18.2
7 30	20 16.76	− 9 27.9	1.898	2.903	3.6	18.1
8 9	20 8.47	−10 41.9	1.914	2.898	6.0	18.3
8 19	20 1.27	−11 57.6	1.957	2.893	9.3	18.5
8 29	19 55.88	−13 10.6	2.024	2.887	12.5	18.7

256820 2008 CQ_{135} 7 25.6 329°.34 2°.5/27.3 18

6 20	20 41.94	−10 5.4	2.014	2.852	13.8	20.7
6 30	20 37.97	−10 27.5	1.933	2.849	10.8	20.5
7 10	20 32.11	−11 3.1	1.874	2.846	7.4	20.3
7 20	20 24.89	−11 50.3	1.839	2.844	3.9	20.1
7 30	20 17.08	−12 45.8	1.832	2.842	2.7	20.0
8 9	20 9.57	−13 45.2	1.852	2.839	5.7	20.2
8 19	20 3.19	−14 44.1	1.898	2.837	9.3	20.4
8 29	19 58.65	−15 38.8	1.967	2.835	12.5	20.6

86356 1999 XR_{122} 7 25.6 313°.51 1°.8/26.5 18

6 20	20 43.62	−14 39.5	2.004	2.853	13.4	18.8
6 30	20 39.31	−14 25.0	1.913	2.838	10.4	18.5
7 10	20 33.01	−14 18.1	1.844	2.823	6.9	18.3
7 20	20 25.25	−14 17.7	1.800	2.808	3.3	18.0
7 30	20 16.80	−14 22.2	1.782	2.793	2.4	17.9
8 9	20 8.64	−14 29.5	1.792	2.779	5.9	18.2
8 19	20 1.63	−14 37.5	1.826	2.765	9.7	18.3
8 29	19 56.56	−14 44.3	1.884	2.752	13.1	18.5

187930 2001 DY_{43} 7 25.6 297°.66 4°.8/29.4 18

6 20	20 40.45	− 2 20.2	2.267	3.069	13.6	19.7
6 30	20 36.67	− 2 36.1	2.175	3.060	11.2	19.5
7 10	20 31.23	− 3 9.1	2.105	3.050	8.4	19.3
7 20	20 24.57	− 3 59.0	2.058	3.041	5.9	19.1
7 30	20 17.33	− 5 3.7	2.038	3.032	4.8	19.1
8 9	20 10.30	− 6 19.3	2.046	3.023	6.2	19.1
8 19	20 4.20	− 7 40.8	2.080	3.014	8.9	19.3
8 29	19 59.68	− 9 3.2	2.139	3.006	11.7	19.5

446651 2015 NM_{4} 7 25.6 352°.84 3°.9/27.5 18

6 20	20 43.62	− 9 33.4	1.853	2.691	14.8	20.4
6 30	20 39.32	− 9 6.0	1.776	2.689	11.7	20.2
7 10	20 32.99	− 8 50.4	1.719	2.687	8.3	20.0
7 20	20 25.22	− 8 46.6	1.687	2.685	5.1	19.8
7 30	20 16.85	− 8 53.6	1.680	2.684	4.1	19.7
8 9	20 8.87	− 9 9.0	1.700	2.683	6.6	19.9
8 19	20 2.17	− 9 29.9	1.745	2.683	10.0	20.1
8 29	19 57.47	− 9 53.1	1.812	2.683	13.3	20.3

41789 2000 VW_{60} 7 25.6 263°.55 3°.6/23.7 18 R

6 20	20 47.89	−24 1.2	1.517	2.391	15.7	18.6
6 30	20 43.43	−25 6.9	1.438	2.379	11.9	18.3
7 10	20 36.09	−26 19.7	1.380	2.367	7.8	18.0
7 20	20 26.51	−27 32.3	1.347	2.355	4.1	17.8
7 30	20 15.82	−28 36.6	1.339	2.343	4.9	17.8
8 9	20 5.50	−29 25.7	1.356	2.330	9.0	18.0
8 19	19 56.91	−29 56.7	1.396	2.318	13.4	18.2
8 29	19 51.16	−30 9.5	1.457	2.305	17.2	18.4

149822 2005 NM_{11} 7 25.6 292°.92 0°.3/25.8 17

6 20	20 44.21	−15 19.5	1.518	2.383	16.1	19.8
6 30	20 40.56	−16 2.0	1.428	2.363	12.4	19.5
7 10	20 34.26	−16 59.7	1.358	2.343	8.0	19.2
7 20	20 25.86	−18 8.7	1.311	2.323	3.1	18.8
7 30	20 16.33	−19 23.0	1.290	2.303	2.3	18.7
8 9	20 6.98	−20 35.4	1.295	2.284	7.5	19.0
8 19	19 59.12	−21 39.9	1.323	2.264	12.4	19.2
8 29	19 53.82	−22 32.5	1.373	2.244	16.7	19.4

204628 2005 WK_{102} 7 25.6 353°.58 1°.9/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.49	−20 34.7	1.085	1.978	19.1	20.4
6 30	20 42.17	−21 10.9	1.024	1.975	14.5	20.1
7 10	20 35.51	−21 57.4	0.980	1.972	9.2	19.8
7 20	20 26.32	−22 47.9	0.958	1.971	3.5	19.5
7 30	20 16.06	−23 34.3	0.958	1.970	3.7	19.5
8 9	20 6.52	−24 9.7	0.981	1.969	9.3	19.8
8 19	19 59.27	−24 30.7	1.024	1.970	14.6	20.1
8 29	19 55.41	−24 36.7	1.086	1.971	19.2	20.4

251794 1999 SL_{23} 7 25.6 201°.90 3°.1/24.3 17

6 20	20 51.15	−25 43.5	1.604	2.471	15.3	20.9
6 30	20 45.54	−26 12.0	1.532	2.469	11.7	20.7
7 10	20 37.19	−26 42.1	1.483	2.467	7.6	20.5
7 20	20 26.84	−27 8.1	1.457	2.465	3.8	20.2
7 30	20 15.69	−27 24.6	1.457	2.463	4.2	20.3
8 9	20 5.14	−27 28.2	1.484	2.460	8.2	20.5
8 19	19 56.44	−27 18.5	1.534	2.457	12.3	20.7
8 29	19 50.49	−26 57.0	1.606	2.454	15.9	20.9

148385 2000 TG_{10} 7 25.6 232°.32 0°.3/25.8 18

6 20	20 43.89	−17 5.0	2.873	3.710	10.1	21.8
6 30	20 38.97	−17 25.1	2.775	3.696	7.7	21.6
7 10	20 32.56	−17 50.8	2.702	3.682	4.9	21.4
7 20	20 25.06	−18 19.9	2.655	3.667	1.9	21.2
7 30	20 17.05	−18 50.2	2.638	3.651	1.4	21.1
8 9	20 9.21	−19 19.1	2.651	3.635	4.5	21.3
8 19	20 2.17	−19 44.6	2.691	3.618	7.5	21.5
8 29	19 56.52	−20 5.4	2.757	3.601	10.1	21.6

300691 2007 VF_{50} 7 25.6 309°.30 0°.6/25.4 18

6 20	20 45.79	−20 11.2	1.845	2.707	13.9	21.1
6 30	20 41.10	−20 21.6	1.766	2.701	10.5	20.9
7 10	20 34.21	−20 37.2	1.710	2.696	6.6	20.6
7 20	20 25.71	−20 54.9	1.678	2.690	2.4	20.3
7 30	20 16.55	−21 11.1	1.673	2.685	2.1	20.3
8 9	20 7.81	−21 22.9	1.695	2.680	6.4	20.6
8 19	20 0.46	−21 28.5	1.742	2.676	10.4	20.8
8 29	19 55.31	−21 27.3	1.811	2.671	13.8	21.0

12252 Gwangju 7 25.6 267°.41 4°.2/28.7 18

6 20	20 41.63	− 4 17.6	2.568	3.369	12.2	18.5
6 30	20 37.44	− 4 19.2	2.464	3.350	10.0	18.3
7 10	20 31.68	− 4 34.1	2.382	3.330	7.5	18.1
7 20	20 24.77	− 5 2.3	2.325	3.311	5.1	18.0
7 30	20 17.27	− 5 42.6	2.295	3.290	4.2	17.9
8 9	20 9.90	− 6 32.2	2.294	3.270	5.7	17.9
8 19	20 3.33	− 7 27.9	2.319	3.249	8.3	18.1
8 29	19 58.18	− 8 25.8	2.369	3.229	11.0	18.2

474384 2002 TB_{22} 7 25.6 282°.08 4°.5/23.1 18

6 20	20 48.06	−29 47.5	2.005	2.867	12.9	21.1
6 30	20 43.04	−30 32.8	1.913	2.845	10.0	20.8
7 10	20 35.60	−31 17.7	1.843	2.821	6.9	20.6
7 20	20 26.30	−31 56.7	1.798	2.798	4.7	20.4
7 30	20 16.07	−32 24.1	1.781	2.774	5.3	20.4
8 9	20 6.10	−32 36.2	1.789	2.751	8.3	20.5
8 19	19 57.50	−32 31.9	1.822	2.727	11.7	20.7
8 29	19 51.23	−32 12.5	1.877	2.703	14.8	20.9

311399 2005 TG_{163} 7 25.6 282°.72 3°.3/27.6 18

6 20	20 42.84	− 9 13.2	2.208	3.035	13.1	20.7
6 30	20 38.55	− 9 2.9	2.115	3.023	10.4	20.5
7 10	20 32.46	− 9 3.7	2.044	3.010	7.4	20.3
7 20	20 25.07	− 9 15.2	1.998	2.996	4.4	20.1
7 30	20 17.06	− 9 36.0	1.979	2.983	3.5	20.0
8 9	20 9.27	−10 3.6	1.987	2.970	5.8	20.1
8 19	20 2.49	−10 35.2	2.021	2.957	9.0	20.3
8 29	19 57.42	−11 7.6	2.080	2.944	12.1	20.5

253668 2003 UQ_{190} 7 25.6 319°.13 3°.2/24.3 17

6 20	20 43.22	−22 54.3	1.148	2.043	18.0	20.4
6 30	20 40.68	−23 37.2	1.066	2.019	13.9	20.1
7 10	20 34.81	−24 29.5	1.004	1.996	9.0	19.7
7 20	20 26.19	−25 24.6	0.962	1.973	4.1	19.4
7 30	20 16.10	−26 13.8	0.942	1.951	4.8	19.3
8 9	20 6.33	−26 49.4	0.945	1.930	10.1	19.6
8 19	19 58.60	−27 7.2	0.968	1.910	15.6	19.8
8 29	19 54.29	−27 6.8	1.009	1.892	20.4	20.0

321145 2008 UB_{226} 7 25.6 321°.82 5°.9/23.6 18

6 20	20 47.75	−31 3.3	1.334	2.219	16.7	19.7
6 30	20 43.92	−31 29.4	1.248	2.191	13.2	19.5
7 10	20 36.73	−31 52.4	1.181	2.164	9.3	19.2
7 20	20 26.85	−32 4.7	1.135	2.137	6.2	18.9
7 30	20 15.62	−31 59.0	1.113	2.112	6.8	18.9
8 9	20 4.83	−31 31.5	1.114	2.087	10.7	19.0
8 19	19 56.14	−30 43.0	1.136	2.063	15.3	19.2
8 29	19 50.82	−29 37.5	1.178	2.040	19.5	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
145694 3198 *T*-3			7 25.6 281°.53		5°.4/28.4 18	
	h m	° ′			°	m
6 20	20 44.64	− 5 36.9	1.524	2.359	17.6	20.3
6 30	20 40.58	− 5 26.3	1.446	2.354	14.2	20.1
7 10	20 34.08	− 5 35.1	1.388	2.349	10.5	19.8
7 20	20 25.74	− 6 3.6	1.351	2.344	6.9	19.6
7 30	20 16.55	− 6 49.7	1.338	2.339	5.5	19.5
8 9	20 7.75	− 7 48.7	1.351	2.334	7.9	19.7
8 19	20 0.44	− 8 54.6	1.387	2.329	11.8	19.9
8 29	19 55.55	−10 1.2	1.445	2.325	15.6	20.1
308980 2006 TB_{118}			7 25.6 266°.15		2°.8/27.6 18	
6 20	20 42.16	− 8 38.2	2.138	2.967	13.4	21.0
6 30	20 38.07	− 9 3.6	2.052	2.961	10.6	20.8
7 10	20 32.18	− 9 43.2	1.987	2.955	7.3	20.6
7 20	20 24.97	−10 35.2	1.948	2.950	4.1	20.4
7 30	20 17.16	−11 36.6	1.936	2.944	2.9	20.3
8 9	20 9.59	−12 42.9	1.952	2.938	5.6	20.4
8 19	20 3.07	−13 49.6	1.994	2.932	9.0	20.6
8 29	19 58.27	−14 52.8	2.060	2.926	12.1	20.8
326831 2003 UN_{29}			7 25.6 259°.62		3°.5/22.9 18	
6 20	20 44.48	−29 39.8	2.718	3.572	10.1	21.1
6 30	20 39.64	−30 24.1	2.630	3.558	7.8	20.9
7 10	20 33.09	−31 7.7	2.567	3.544	5.4	20.7
7 20	20 25.29	−31 46.6	2.532	3.530	3.6	20.6
7 30	20 16.92	−32 17.0	2.524	3.516	4.2	20.6
8 9	20 8.78	−32 36.3	2.544	3.501	6.4	20.7
8 19	20 1.62	−32 43.6	2.590	3.486	9.0	20.9
8 29	19 56.09	−32 39.2	2.660	3.472	11.3	21.0
361506 2007 EK_{126}			7 25.6 146°.14		3°.6/23.8 18	
6 20	20 48.76	−30 24.3	2.317	3.171	11.7	20.8
6 30	20 42.93	−30 39.2	2.244	3.172	9.0	20.7
7 10	20 35.14	−30 50.9	2.195	3.172	6.1	20.5
7 20	20 26.01	−30 55.6	2.172	3.173	3.8	20.3
7 30	20 16.42	−30 50.1	2.177	3.173	4.2	20.4
8 9	20 7.33	−30 33.1	2.209	3.174	6.7	20.5
8 19	19 59.58	−30 5.0	2.267	3.174	9.6	20.7
8 29	19 53.85	−29 27.6	2.349	3.175	12.2	20.9
98280 2000 SU_{213}			7 25.7 286°.73		10°.8/17.9 18	
6 20	20 51.88	−42 47.3	1.719	2.572	15.1	19.5
6 30	20 47.01	−44 38.5	1.647	2.553	12.9	19.3
7 10	20 38.70	−46 21.2	1.597	2.534	11.3	19.1
7 20	20 27.60	−47 44.5	1.570	2.515	10.8	19.1
7 30	20 15.07	−48 38.3	1.567	2.495	11.9	19.1
8 9	20 2.92	−48 57.8	1.585	2.476	14.0	19.2
8 19	19 52.89	−48 43.9	1.624	2.457	16.6	19.3
8 29	19 46.29	−48 1.7	1.680	2.437	19.0	19.4
96139 3324 *T*-3			7 25.7 308°.23		5°.3/28.9 18	
6 20	20 40.85	− 3 29.3	2.080	2.892	14.3	20.0
6 30	20 37.18	− 3 16.9	1.986	2.876	11.8	19.8
7 10	20 31.68	− 3 20.4	1.912	2.860	9.0	19.6
7 20	20 24.82	− 3 40.4	1.861	2.845	6.4	19.4
7 30	20 17.29	− 4 16.0	1.837	2.829	5.4	19.3
8 9	20 9.95	− 5 4.3	1.838	2.814	6.9	19.4
8 19	20 3.62	− 6 1.3	1.865	2.799	9.8	19.5
8 29	19 59.02	− 7 2.2	1.915	2.784	12.8	19.7
187450 2005 WK_{155}			7 25.7 59°.48		0°.8/26.2 18	
6 20	20 42.21	−14 15.4	2.182	3.028	12.6	19.9
6 30	20 38.03	−14 51.5	2.108	3.033	9.6	19.8
7 10	20 32.09	−15 37.4	2.058	3.038	6.2	19.6
7 20	20 24.92	−16 30.2	2.033	3.043	2.5	19.3
7 30	20 17.25	−17 26.1	2.036	3.049	1.7	19.3
8 9	20 9.91	−18 21.0	2.067	3.054	5.3	19.5
8 19	20 3.66	−19 11.3	2.124	3.059	8.7	19.8
8 29	19 59.14	−19 54.6	2.205	3.065	11.7	20.0
294020 2007 TN_{113}			7 25.7 254°.51		0°.7/26.0 18	
6 20	20 46.90	−14 53.0	1.532	2.391	16.3	20.6
6 30	20 42.51	−15 26.8	1.447	2.379	12.6	20.3
7 10	20 35.44	−16 14.7	1.383	2.367	8.2	20.0
7 20	20 26.30	−17 13.2	1.343	2.354	3.2	19.7
7 30	20 16.13	−18 16.6	1.329	2.342	2.2	19.6
8 9	20 6.25	−19 18.5	1.340	2.329	7.3	19.9
8 19	19 57.93	−20 13.7	1.376	2.315	12.1	20.1
8 29	19 52.21	−20 58.7	1.433	2.302	16.3	20.4
122418 2000 QP_{97}			7 25.7 311°.59		3°.5/27.5 18	
6 20	20 41.56	− 9 27.5	1.460	2.317	17.1	19.7
6 30	20 38.63	− 9 40.2	1.364	2.290	13.7	19.4
7 10	20 33.12	−10 12.2	1.287	2.263	9.6	19.1
7 20	20 25.50	−11 2.7	1.232	2.236	5.3	18.7
7 30	20 16.71	−12 8.7	1.201	2.210	3.7	18.6
8 9	20 8.02	−13 23.9	1.194	2.185	7.6	18.7
8 19	20 0.72	−14 41.4	1.211	2.160	12.5	18.9
8 29	19 55.95	−15 54.7	1.249	2.135	17.0	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
12274 1990 UJ_1			7 25.7 258°.13		7°.1/29.4 18	
	h m	° ′			°	m
6 20	20 44.42	− 0 7.4	2.086	2.874	15.0	18.1
6 30	20 39.87	+ 0 31.9	1.991	2.860	12.7	17.9
7 10	20 33.39	+ 0 55.1	1.917	2.846	10.2	17.7
7 20	20 25.46	+ 1 0.1	1.866	2.831	8.0	17.6
7 30	20 16.81	+ 0 46.3	1.840	2.816	7.1	17.5
8 9	20 8.35	+ 0 15.5	1.840	2.800	8.2	17.5
8 19	20 0.94	− 0 28.9	1.865	2.785	10.6	17.7
8 29	19 55.33	− 1 22.2	1.913	2.769	13.4	17.8
318231 2004 RF_{225}			7 25.7 252°.02		7°.4/ 1.3 18	
6 20	20 41.22	+ 8 50.4	2.864	3.581	12.9	21.3
6 30	20 36.99	+ 8 59.4	2.759	3.564	11.3	21.2
7 10	20 31.34	+ 8 50.4	2.673	3.547	9.7	21.0
7 20	20 24.66	+ 8 21.8	2.611	3.529	8.2	20.9
7 30	20 17.47	+ 7 33.6	2.573	3.511	7.4	20.8
8 9	20 10.40	+ 6 27.5	2.562	3.492	7.7	20.8
8 19	20 4.04	+ 5 7.2	2.578	3.473	9.0	20.9
8 29	19 58.96	+ 3 37.4	2.618	3.454	10.8	21.0
21356 Karlplank			7 25.7 331°.77		2°.7/27.1 18	
6 20	20 44.14	−11 16.7	1.768	2.614	15.1	18.5
6 30	20 39.88	−11 18.6	1.691	2.612	11.8	18.2
7 10	20 33.47	−11 33.2	1.635	2.610	8.0	18.0
7 20	20 25.50	−11 59.3	1.603	2.608	4.2	17.8
7 30	20 16.87	−12 33.9	1.597	2.606	3.0	17.7
8 9	20 8.62	−13 13.1	1.617	2.605	6.4	17.9
8 19	20 1.71	−13 53.1	1.662	2.603	10.3	18.1
8 29	19 56.92	−14 30.5	1.730	2.602	13.8	18.4
444097 2004 TY_{34}			7 25.7 291°.12		1°.9/24.5 18	
6 20	20 44.14	−23 23.8	2.236	3.096	11.8	20.9
6 30	20 39.68	−23 53.0	2.145	3.079	9.0	20.7
7 10	20 33.27	−24 25.6	2.077	3.062	5.7	20.5
7 20	20 25.43	−24 57.8	2.034	3.044	2.5	20.2
7 30	20 16.91	−25 25.8	2.019	3.027	2.8	20.2
8 9	20 8.63	−25 46.5	2.032	3.010	6.2	20.4
8 19	20 1.46	−25 58.1	2.071	2.993	9.6	20.6
8 29	19 56.14	−26 0.3	2.132	2.976	12.6	20.8
459192 2012 DG_{48}			7 25.7 45°.33		1°.7/24.9 17	
6 20	20 47.83	−21 1.0	1.198	2.082	18.3	20.5
6 30	20 43.35	−21 31.0	1.152	2.099	13.7	20.3
7 10	20 35.89	−22 8.1	1.126	2.116	8.6	20.1
7 20	20 26.39	−22 46.2	1.121	2.133	3.3	19.8
7 30	20 16.28	−23 19.1	1.140	2.152	3.3	19.9
8 9	20 7.14	−23 41.9	1.184	2.170	8.3	20.2
8 19	20 0.22	−23 52.8	1.249	2.190	13.0	20.5
8 29	19 56.34	−23 52.1	1.334	2.209	16.9	20.8
177133 2003 JL_3			7 25.7 86°.48		0°.6/25.3 16	
6 20	20 45.24	−19 48.1	2.216	3.068	12.2	21.1
6 30	20 40.21	−20 11.2	2.154	3.083	9.1	20.9
7 10	20 33.41	−20 38.9	2.115	3.099	5.7	20.7
7 20	20 25.43	−21 8.1	2.102	3.114	2.1	20.5
7 30	20 17.04	−21 35.6	2.117	3.129	1.9	20.5
8 9	20 9.11	−21 58.6	2.160	3.143	5.4	20.8
8 19	20 2.39	−22 15.3	2.229	3.158	8.7	21.0
8 29	19 57.49	−22 25.0	2.323	3.173	11.5	21.2
183801 2004 BS_{40}			7 25.7 227°.00		0°.3/25.8 17	
6 20	20 48.95	−17 19.9	1.875	2.724	14.2	21.6
6 30	20 43.58	−17 35.6	1.787	2.714	10.9	21.4
7 10	20 35.88	−17 59.3	1.721	2.704	7.0	21.2
7 20	20 26.45	−18 28.1	1.681	2.692	2.6	20.9
7 30	20 16.20	−18 58.2	1.668	2.680	1.9	20.8
8 9	20 6.25	−19 25.8	1.682	2.668	6.4	21.0
8 19	19 57.67	−19 48.3	1.722	2.655	10.5	21.3
8 29	19 51.31	−20 4.0	1.785	2.641	14.2	21.5
364571 2007 RH_{10}			7 25.7 347°.57		0°.2/25.7 17	
6 20	20 42.21	−20 19.2	0.922	1.828	20.4	19.7
6 30	20 40.13	−20 0.7	0.859	1.817	15.7	19.4
7 10	20 34.48	−19 49.1	0.813	1.807	10.0	19.1
7 20	20 26.08	−19 41.5	0.786	1.799	3.7	18.7
7 30	20 16.49	−19 33.9	0.779	1.793	2.9	18.6
8 9	20 7.66	−19 22.9	0.793	1.788	9.4	19.0
8 19	20 1.28	−19 6.7	0.826	1.785	15.3	19.3
8 29	19 58.53	−18 44.9	0.876	1.784	20.4	19.6
433809 2015 BD_{119}			7 25.7 205°.41		1°.9/24.8 17	
6 20	20 49.75	−22 42.6	1.767	2.628	14.4	21.9
6 30	20 44.28	−23 10.0	1.691	2.625	10.9	21.7
7 10	20 36.34	−23 41.5	1.637	2.622	6.9	21.5
7 20	20 26.61	−24 12.5	1.607	2.618	2.9	21.2
7 30	20 16.11	−24 38.1	1.604	2.614	3.1	21.2
8 9	20 6.08	−24 54.9	1.629	2.609	7.2	21.5
8 19	19 57.62	−25 1.2	1.678	2.604	11.2	21.7
8 29	19 51.61	−24 57.2	1.749	2.599	14.7	21.9

362466 2010 RG_{154} 7 25.7 238°.29 3°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.94	−28 15.8	2.419	3.274	11.2	21.1
6 30	20 41.58	−28 39.4	2.339	3.268	8.6	20.9
7 10	20 34.36	−29 1.9	2.282	3.262	5.7	20.7
7 20	20 25.82	−29 19.6	2.252	3.256	3.3	20.6
7 30	20 16.74	−29 29.2	2.250	3.250	3.7	20.6
8 9	20 8.04	−29 28.5	2.275	3.243	6.4	20.7
8 19	20 0.51	−29 17.2	2.327	3.237	9.3	20.9
8 29	19 54.84	−28 56.2	2.402	3.230	11.9	21.1

98200 2000 SN_{121} 7 25.7 340°.05 4°.3/23.7 18

6 20	20 40.05	−23 33.6	0.988	1.896	19.1	18.2
6 30	20 38.54	−24 37.4	0.922	1.882	14.6	17.9
7 10	20 33.55	−25 51.6	0.874	1.868	9.5	17.6
7 20	20 25.79	−27 7.5	0.846	1.856	4.9	17.3
7 30	20 16.69	−28 13.9	0.839	1.846	5.9	17.3
8 9	20 8.15	−29 1.6	0.852	1.837	11.1	17.6
8 19	20 1.94	−29 26.1	0.885	1.829	16.5	17.8
8 29	19 59.35	−29 27.5	0.934	1.823	21.1	18.1

342434 2008 UE_{93} 7 25.7 351°.16 1°.0/25.1 18

6 20	20 41.91	−17 54.6	1.376	2.256	16.6	19.5
6 30	20 38.88	−18 46.7	1.307	2.251	12.6	19.3
7 10	20 33.20	−19 51.6	1.257	2.247	7.9	19.0
7 20	20 25.52	−21 3.8	1.231	2.244	2.9	18.7
7 30	20 16.94	−22 15.9	1.229	2.241	2.8	18.7
8 9	20 8.83	−23 20.6	1.251	2.239	7.8	19.0
8 19	20 2.41	−24 12.9	1.297	2.238	12.5	19.3
8 29	19 58.67	−24 50.2	1.362	2.238	16.6	19.5

172456 2003 RW 7 25.7 0°.20 5°.3/27.5 17

6 20	20 44.22	− 9 55.6	1.132	2.003	20.1	19.2
6 30	20 40.89	− 9 13.2	1.069	2.001	16.0	18.9
7 10	20 34.57	− 8 47.8	1.023	1.999	11.4	18.7
7 20	20 26.04	− 8 40.6	0.997	1.999	6.9	18.4
7 30	20 16.58	− 8 50.3	0.993	1.999	5.5	18.3
8 9	20 7.77	− 9 13.3	1.012	2.001	9.0	18.5
8 19	20 0.96	− 9 44.4	1.052	2.003	13.6	18.8
8 29	19 57.18	−10 18.1	1.110	2.006	18.0	19.1

144233 2004 CO_{54} 7 25.7 210°.84 0°.1/25.7 18

6 20	20 48.01	−17 1.1	1.869	2.719	14.2	20.9
6 30	20 42.85	−17 31.3	1.786	2.714	10.8	20.7
7 10	20 35.42	−18 10.7	1.726	2.708	6.9	20.5
7 20	20 26.29	−18 55.7	1.690	2.702	2.6	20.2
7 30	20 16.39	−19 41.9	1.682	2.695	1.9	20.1
8 9	20 6.83	−20 24.7	1.702	2.687	6.4	20.4
8 19	19 58.62	−21 0.9	1.747	2.679	10.4	20.6
8 29	19 52.61	−21 28.5	1.815	2.671	14.0	20.8

359413 2010 KR_{77} 7 25.7 345°.67 1°.5/26.4 18

6 20	20 43.95	−15 43.4	1.749	2.607	14.6	20.1
6 30	20 39.80	−15 30.4	1.671	2.601	11.3	19.9
7 10	20 33.46	−15 25.3	1.614	2.596	7.4	19.6
7 20	20 25.55	−15 26.8	1.582	2.592	3.3	19.4
7 30	20 16.98	−15 32.6	1.575	2.587	2.3	19.3
8 9	20 8.83	−15 40.3	1.595	2.584	6.3	19.6
8 19	20 2.06	−15 47.5	1.639	2.581	10.3	19.8
8 29	19 57.47	−15 52.6	1.705	2.579	13.9	20.0

101355 1998 TS_{35} 7 25.7 269°.23 0°.4/25.9 18 R

6 20	20 47.73	−17 15.4	1.717	2.574	15.0	20.4
6 30	20 42.96	−17 26.9	1.624	2.554	11.5	20.1
7 10	20 35.69	−17 47.1	1.551	2.535	7.4	19.8
7 20	20 26.46	−18 13.3	1.503	2.515	2.9	19.5
7 30	20 16.24	−18 41.7	1.481	2.494	2.1	19.4
8 9	20 6.24	−19 8.2	1.486	2.473	6.9	19.6
8 19	19 57.65	−19 29.8	1.515	2.452	11.4	19.9
8 29	19 51.45	−19 44.7	1.567	2.431	15.4	20.1

510730 2012 VT_{97} 7 25.7 213°.93 3°.8/27.9 18

6 20	20 44.99	− 7 25.7	2.257	3.073	13.2	21.8
6 30	20 40.11	− 7 14.3	2.169	3.067	10.6	21.6
7 10	20 33.46	− 7 14.8	2.103	3.061	7.6	21.4
7 20	20 25.52	− 7 27.0	2.062	3.055	4.9	21.2
7 30	20 17.01	− 7 49.6	2.048	3.048	3.9	21.1
8 9	20 8.75	− 8 20.1	2.061	3.041	5.9	21.3
8 19	20 1.53	− 8 55.5	2.102	3.034	9.0	21.4
8 29	19 56.01	− 9 32.5	2.166	3.026	11.9	21.6

200252 1999 VW_{153} 7 25.7 263°.24 0°.9/26.1 18

6 20	20 46.07	−16 13.7	1.891	2.743	14.0	21.2
6 30	20 41.33	−16 18.0	1.806	2.733	10.7	20.9
7 10	20 34.43	−16 30.3	1.743	2.724	7.0	20.7
7 20	20 25.92	−16 48.6	1.704	2.715	2.8	20.4
7 30	20 16.70	−17 9.8	1.693	2.706	1.9	20.3
8 9	20 7.81	−17 30.8	1.708	2.696	6.1	20.6
8 19	20 0.21	−17 48.9	1.749	2.686	10.1	20.8
8 29	19 54.73	−18 2.6	1.813	2.677	13.7	21.0

204499 2005 CB_{27} 7 25.7 251°.53 0°.4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.34	−16 2.6	2.116	2.962	12.9	20.9
6 30	20 40.66	−16 30.3	2.022	2.947	9.9	20.7
7 10	20 33.96	−17 7.1	1.951	2.932	6.4	20.5
7 20	20 25.76	−17 50.2	1.905	2.916	2.5	20.2
7 30	20 16.81	−18 36.0	1.888	2.900	1.7	20.1
8 9	20 8.06	−19 20.3	1.898	2.884	5.8	20.4
8 19	20 0.41	−20 0.0	1.934	2.867	9.6	20.5
8 29	19 54.64	−20 32.7	1.994	2.850	12.9	20.7

184962 2005 WY_{151} 7 25.7 340°.76 7°.0/21.5 18

6 20	20 44.48	−34 9.2	1.676	2.552	14.3	19.4
6 30	20 40.78	−35 19.5	1.606	2.540	11.4	19.2
7 10	20 34.39	−36 26.3	1.558	2.530	8.6	19.0
7 20	20 25.97	−37 21.7	1.533	2.520	7.1	18.9
7 30	20 16.67	−37 58.4	1.533	2.511	7.9	18.9
8 9	20 7.85	−38 12.5	1.557	2.503	10.6	19.0
8 19	20 0.77	−38 3.7	1.603	2.496	13.7	19.2
8 29	19 56.37	−37 34.6	1.668	2.489	16.6	19.4

276919 2004 TC_{80} 7 25.7 311°.28 1°.0/26.1 18

6 20	20 45.56	−16 19.4	1.602	2.464	15.6	20.7
6 30	20 41.29	−16 22.2	1.523	2.456	12.0	20.5
7 10	20 34.56	−16 34.4	1.464	2.448	7.8	20.2
7 20	20 26.01	−16 53.5	1.429	2.440	3.2	19.9
7 30	20 16.65	−17 16.1	1.420	2.433	2.1	19.8
8 9	20 7.69	−17 38.4	1.436	2.425	6.8	20.1
8 19	20 0.27	−17 57.6	1.476	2.418	11.3	20.4
8 29	19 55.26	−18 11.5	1.539	2.411	15.2	20.6

306396 1995 UZ_{22} 7 25.7 187°.77 4°.1/28.2 18

6 20	20 43.37	− 6 30.5	2.330	3.143	12.9	21.1
6 30	20 38.79	− 6 14.5	2.248	3.143	10.4	20.9
7 10	20 32.57	− 6 10.3	2.187	3.143	7.6	20.7
7 20	20 25.19	− 6 18.1	2.152	3.142	5.0	20.6
7 30	20 17.32	− 6 36.7	2.144	3.142	4.1	20.5
8 9	20 9.73	− 7 3.8	2.163	3.141	5.9	20.6
8 19	20 3.14	− 7 36.5	2.208	3.140	8.6	20.8
8 29	19 58.16	− 8 11.8	2.278	3.139	11.3	21.0

72315 2001 BS_{44} 7 25.7 143°.92 0°.3/25.5 18

6 20	20 48.99	−17 19.3	1.835	2.686	14.4	19.4
6 30	20 43.47	−18 1.9	1.768	2.696	10.9	19.2
7 10	20 35.72	−18 53.4	1.722	2.706	6.9	19.0
7 20	20 26.38	−19 49.6	1.703	2.715	2.5	18.7
7 30	20 16.42	−20 45.2	1.711	2.723	2.0	18.7
8 9	20 6.94	−21 35.3	1.746	2.731	6.4	19.0
8 19	19 58.93	−22 16.7	1.808	2.738	10.3	19.2
8 29	19 53.17	−22 47.9	1.893	2.744	13.7	19.5

255297 2005 VB_{118} 7 25.7 202°.17 0°.5/25.4 18

6 20	20 44.06	−20 11.1	2.620	3.468	10.7	21.0
6 30	20 39.21	−20 24.6	2.538	3.466	8.1	20.8
7 10	20 32.78	−20 41.7	2.481	3.464	5.1	20.6
7 20	20 25.25	−21 0.2	2.450	3.461	1.9	20.4
7 30	20 17.29	−21 17.4	2.447	3.459	1.6	20.3
8 9	20 9.61	−21 31.3	2.473	3.457	4.8	20.6
8 19	20 2.90	−21 40.4	2.527	3.454	7.9	20.8
8 29	19 57.73	−21 44.0	2.605	3.451	10.5	20.9

368887 2006 SL_{71} 7 25.7 265°.41 1°.9/26.6 18

6 20	20 47.03	−13 13.3	1.701	2.549	15.4	21.9
6 30	20 42.45	−13 23.2	1.606	2.530	12.1	21.7
7 10	20 35.39	−13 45.8	1.532	2.510	8.1	21.4
7 20	20 26.38	−14 19.1	1.481	2.490	3.8	21.1
7 30	20 16.35	−14 59.8	1.457	2.469	2.5	21.0
8 9	20 6.51	−15 43.3	1.459	2.447	6.9	21.2
8 19	19 58.01	−16 25.5	1.486	2.426	11.4	21.4
8 29	19 51.86	−17 2.9	1.536	2.404	15.4	21.6

342930 2009 AV_{1} 7 25.7 260°.79 3°.7/27.7 18

6 20	20 45.79	− 8 12.1	2.189	3.008	13.5	21.7
6 30	20 40.95	− 8 3.4	2.083	2.985	10.8	21.4
7 10	20 34.15	− 8 6.7	2.000	2.961	7.8	21.2
7 20	20 25.86	− 8 21.9	1.941	2.937	4.8	21.0
7 30	20 16.77	− 8 47.7	1.910	2.913	3.8	20.9
8 9	20 7.80	− 9 21.5	1.906	2.888	6.2	21.0
8 19	19 59.81	−10 0.1	1.929	2.862	9.6	21.1
8 29	19 53.59	−10 40.1	1.976	2.836	12.8	21.3

137933 2000 BH_{32} 7 25.7 225°.64 0°.2/25.6 18

6 20	20 49.16	−18 35.6	1.855	2.707	14.2	21.2
6 30	20 43.77	−18 50.9	1.769	2.699	10.8	21.0
7 10	20 36.04	−19 13.1	1.706	2.689	6.9	20.7
7 20	20 26.56	−19 39.0	1.668	2.679	2.6	20.4
7 30	20 16.28	−20 4.8	1.656	2.669	2.0	20.4
8 9	20 6.34	−20 26.8	1.673	2.658	6.5	20.6
8 19	19 57.80	−20 42.8	1.715	2.647	10.6	20.9
8 29	19 51.54	−20 51.8	1.779	2.635	14.2	21.1

174816 2003 YX_{12} 7 25.7 168°.90 1°.8/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 51.10	−22 59.6	1.785	2.644	14.4	20.4
6 30	20 45.21	−23 22.2	1.714	2.647	10.9	20.2
7 10	20 36.89	−23 48.0	1.665	2.650	6.9	19.9
7 20	20 26.83	−24 12.7	1.641	2.652	2.9	19.7
7 30	20 16.11	−24 31.6	1.644	2.654	3.0	19.7
8 9	20 5.93	−24 41.8	1.675	2.655	7.0	20.0
8 19	19 57.39	−24 42.0	1.730	2.656	11.0	20.2
8 29	19 51.29	−24 32.9	1.808	2.656	14.4	20.4

512789 2016 UU_{73} 7 25.7 356°.20 3°.8/23.7 18

6 20	20 46.26	−27 26.7	1.785	2.656	13.8	21.0
6 30	20 41.68	−28 6.3	1.716	2.654	10.5	20.8
7 10	20 34.71	−28 46.4	1.670	2.653	7.0	20.6
7 20	20 26.05	−29 21.5	1.647	2.653	4.1	20.4
7 30	20 16.70	−29 46.4	1.651	2.652	4.6	20.4
8 9	20 7.87	−29 57.7	1.681	2.652	7.9	20.6
8 19	20 0.61	−29 54.8	1.735	2.652	11.4	20.8
8 29	19 55.73	−29 38.8	1.810	2.653	14.6	21.0

296072 2009 BK_1 7 25.7 177°.76 0°.5/26.1 18

6 20	20 44.56	−14 43.2	2.288	3.128	12.3	20.9
6 30	20 39.81	−15 25.3	2.208	3.130	9.4	20.7
7 10	20 33.28	−16 16.9	2.151	3.131	6.0	20.5
7 20	20 25.48	−17 15.1	2.121	3.131	2.4	20.3
7 30	20 17.12	−18 15.7	2.119	3.131	1.6	20.2
8 9	20 9.04	−19 14.5	2.145	3.131	5.2	20.5
8 19	20 2.01	−20 8.0	2.199	3.131	8.7	20.7
8 29	19 56.70	−20 54.0	2.278	3.130	11.7	20.9

481171 2005 UM_{231} 7 25.7 210°.94 0°.5/25.3 18

6 20	20 44.10	−19 44.2	2.650	3.496	10.6	22.9
6 30	20 39.26	−20 6.6	2.565	3.491	8.0	22.7
7 10	20 32.84	−20 33.4	2.503	3.486	5.0	22.5
7 20	20 25.30	−21 1.9	2.469	3.481	1.9	22.3
7 30	20 17.28	−21 29.4	2.463	3.475	1.6	22.3
8 9	20 9.51	−21 53.4	2.487	3.469	4.9	22.5
8 19	20 2.67	−22 12.0	2.537	3.463	7.9	22.7
8 29	19 57.36	−22 24.5	2.612	3.457	10.6	22.8

344637 2003 QE_4 7 25.7 326°.09 3°.5/27.3 18

6 20	20 41.34	−10 38.6	1.437	2.298	17.1	20.4
6 30	20 38.41	−10 35.2	1.351	2.280	13.5	20.1
7 10	20 32.94	−10 47.9	1.285	2.263	9.4	19.8
7 20	20 25.50	−11 16.2	1.241	2.246	5.2	19.6
7 30	20 17.08	−11 57.2	1.220	2.230	3.7	19.4
8 9	20 8.93	−12 46.3	1.224	2.215	7.5	19.6
8 19	20 2.28	−13 37.8	1.251	2.200	12.1	19.8
8 29	19 58.13	−14 26.8	1.298	2.187	16.4	20.0

77227 2001 FH_{34} 7 25.7 179°.10 3°.4/24.3 17

6 20	20 52.14	−26 38.7	1.615	2.481	15.3	20.0
6 30	20 46.31	−27 4.3	1.546	2.481	11.7	19.7
7 10	20 37.74	−27 30.2	1.498	2.482	7.6	19.5
7 20	20 27.20	−27 50.8	1.475	2.482	4.0	19.3
7 30	20 15.90	−28 0.8	1.477	2.482	4.4	19.3
8 9	20 5.25	−27 57.5	1.506	2.482	8.2	19.5
8 19	19 56.48	−27 40.8	1.559	2.481	12.2	19.8
8 29	19 50.48	−27 12.7	1.634	2.480	15.7	20.0

206673 2003 YC_{111} 7 25.7 276°.75 0°.8/25.2 18

6 20	20 44.32	−18 43.7	1.938	2.796	13.4	20.4
6 30	20 40.03	−19 25.7	1.857	2.790	10.2	20.2
7 10	20 33.63	−20 15.9	1.798	2.784	6.4	20.0
7 20	20 25.68	−21 10.4	1.765	2.777	2.4	19.7
7 30	20 17.01	−22 4.2	1.759	2.771	2.2	19.7
8 9	20 8.66	−22 52.7	1.781	2.765	6.3	19.9
8 19	20 1.56	−23 32.5	1.827	2.758	10.1	20.2
8 29	19 56.51	−24 2.1	1.897	2.752	13.5	20.4

515242 2012 CQ_{16} 7 25.7 241°.60 0°.3/25.5 18

6 20	20 43.45	−18 33.1	2.654	3.499	10.6	22.5
6 30	20 38.83	−19 0.7	2.561	3.487	8.1	22.3
7 10	20 32.62	−19 33.7	2.493	3.475	5.1	22.1
7 20	20 25.26	−20 9.8	2.451	3.463	1.9	21.9
7 30	20 17.35	−20 45.9	2.438	3.450	1.6	21.8
8 9	20 9.64	−21 19.1	2.453	3.437	4.9	22.0
8 19	20 2.81	−21 47.2	2.496	3.424	8.0	22.2
8 29	19 57.47	−22 9.0	2.564	3.410	10.7	22.4

88436 2001 QX_{70} 7 25.7 295°.74 4°.4/27.6 18

6 20	20 44.78	− 8 59.5	1.554	2.399	16.8	19.3
6 30	20 40.84	− 8 40.5	1.467	2.384	13.5	19.0
7 10	20 34.40	− 8 36.5	1.399	2.368	9.6	18.7
7 20	20 26.04	− 8 48.0	1.353	2.353	5.8	18.5
7 30	20 16.72	− 9 13.3	1.332	2.338	4.6	18.4
8 9	20 7.67	− 9 48.9	1.336	2.323	7.6	18.5
8 19	20 0.06	−10 30.4	1.364	2.308	11.8	18.7
8 29	19 54.87	−11 13.2	1.414	2.293	15.8	18.9

141473 2002 CE_{215} 7 25.7 220°.78 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.59	−16 55.8	2.410	3.256	11.6	20.8
6 30	20 39.02	−17 17.5	2.327	3.252	8.8	20.6
7 10	20 32.76	−17 45.9	2.266	3.248	5.6	20.4
7 20	20 25.31	−18 18.6	2.232	3.244	2.1	20.1
7 30	20 17.33	−18 52.5	2.226	3.239	1.5	20.1
8 9	20 9.63	−19 24.7	2.249	3.235	5.0	20.3
8 19	20 2.92	−19 52.8	2.298	3.230	8.3	20.5
8 29	19 57.83	−20 15.3	2.372	3.225	11.2	20.7

261478 2005 VZ_{120} 7 25.7 238°.13 5°.1/29.9 18

6 20	20 41.83	+ 0 23.9	2.894	3.664	11.7	22.1
6 30	20 37.45	+ 0 25.3	2.791	3.649	9.8	22.0
7 10	20 31.68	+ 0 12.7	2.710	3.634	7.7	21.8
7 20	20 24.91	− 0 14.4	2.654	3.619	5.9	21.7
7 30	20 17.64	− 0 55.2	2.625	3.603	5.1	21.6
8 9	20 10.50	− 1 47.4	2.624	3.587	5.9	21.6
8 19	20 4.07	− 2 47.9	2.650	3.570	7.9	21.7
8 29	19 58.90	− 3 53.1	2.703	3.553	10.1	21.9

333808 2011 JZ_{17} 7 25.7 305°.67 9°.6/30.4 18

6 20	20 41.89	+ 3 3.1	1.661	2.455	18.1	19.9
6 30	20 38.62	+ 3 47.2	1.560	2.427	15.7	19.6
7 10	20 33.04	+ 4 9.4	1.477	2.399	13.0	19.4
7 20	20 25.58	+ 4 5.5	1.414	2.371	10.7	19.2
7 30	20 17.08	+ 3 33.2	1.373	2.343	9.6	19.1
8 9	20 8.61	+ 2 34.3	1.356	2.315	10.6	19.1
8 19	20 1.32	+ 1 13.8	1.362	2.288	13.3	19.1
8 29	19 56.20	− 0 20.6	1.388	2.261	16.5	19.3

416773 2005 EW_{274} 7 25.7 112°.46 1°.8/24.9 17

6 20	20 50.71	−21 45.5	1.543	2.408	15.9	21.6
6 30	20 45.15	−22 17.9	1.483	2.420	12.0	21.4
7 10	20 36.95	−22 55.7	1.444	2.431	7.5	21.2
7 20	20 26.91	−23 33.5	1.430	2.441	3.0	20.9
7 30	20 16.21	−24 5.8	1.442	2.452	3.1	21.0
8 9	20 6.21	−24 28.5	1.479	2.462	7.5	21.2
8 19	19 58.07	−24 39.9	1.541	2.472	11.7	21.5
8 29	19 52.62	−24 40.4	1.625	2.481	15.3	21.8

227495 2005 XT_{71} 7 25.7 131°.88 3°.2/23.9 18

6 20	20 48.37	−25 14.4	1.797	2.662	14.0	20.4
6 30	20 43.22	−26 3.4	1.731	2.667	10.6	20.2
7 10	20 35.69	−26 55.0	1.687	2.672	6.9	20.0
7 20	20 26.45	−27 43.5	1.669	2.676	3.6	19.8
7 30	20 16.54	−28 23.2	1.677	2.681	4.1	19.8
8 9	20 7.16	−28 50.1	1.712	2.685	7.6	20.1
8 19	19 59.36	−29 2.9	1.771	2.689	11.2	20.3
8 29	19 53.94	−29 2.2	1.853	2.693	14.4	20.5

131570 2001 VJ_{66} 7 25.7 154°.57 5°.5/23.0 18

6 20	20 53.18	−29 46.3	1.558	2.426	15.7	20.2
6 30	20 47.33	−30 51.5	1.497	2.431	12.1	20.0
7 10	20 38.52	−31 55.8	1.457	2.436	8.4	19.8
7 20	20 27.55	−32 50.9	1.442	2.441	5.7	19.7
7 30	20 15.74	−33 29.3	1.452	2.445	6.5	19.7
8 9	20 4.64	−33 46.8	1.488	2.448	9.7	19.9
8 19	19 55.57	−33 43.7	1.547	2.451	13.4	20.2
8 29	19 49.50	−33 22.7	1.626	2.454	16.6	20.4

78370 2002 PR_{120} 7 25.7 138°.13 2°.3/26.9 17

6 20	20 45.26	−12 33.9	1.934	2.776	14.1	19.7
6 30	20 40.58	−12 30.1	1.857	2.777	11.0	19.4
7 10	20 33.89	−12 36.7	1.802	2.777	7.4	19.2
7 20	20 25.78	−12 52.1	1.772	2.778	3.7	19.0
7 30	20 17.07	−13 14.1	1.769	2.779	2.6	18.9
8 9	20 8.76	−13 39.6	1.792	2.779	5.9	19.2
8 19	20 1.71	−14 5.8	1.841	2.780	9.6	19.4
8 29	19 56.64	−14 29.9	1.914	2.780	12.9	19.6

392174 2009 KM_9 7 25.7 354°.27 4°.9/28.6 18

6 20	20 42.61	− 5 24.4	2.005	2.824	14.5	20.8
6 30	20 38.51	− 5 7.4	1.926	2.823	11.8	20.6
7 10	20 32.56	− 5 5.2	1.868	2.822	8.7	20.4
7 20	20 25.28	− 5 17.7	1.833	2.822	5.9	20.2
7 30	20 17.44	− 5 44.0	1.825	2.821	4.9	20.2
8 9	20 9.92	− 6 20.9	1.842	2.821	6.7	20.3
8 19	20 3.54	− 7 4.9	1.885	2.821	9.6	20.5
8 29	19 58.97	− 7 51.6	1.952	2.821	12.6	20.7

255123 2005 UR_{115} 7 25.7 178°.67 2°.2/24.2 18

6 20	20 45.35	−25 10.8	2.601	3.453	10.6	20.8
6 30	20 40.27	−25 42.7	2.525	3.454	8.0	20.7
7 10	20 33.52	−26 15.7	2.473	3.455	5.1	20.5
7 20	20 25.61	−26 46.5	2.447	3.455	2.6	20.3
7 30	20 17.24	−27 11.8	2.451	3.455	2.9	20.3
8 9	20 9.18	−27 29.2	2.482	3.455	5.6	20.5
8 19	20 2.16	−27 37.5	2.541	3.455	8.4	20.7
8 29	19 56.77	−27 36.9	2.623	3.454	10.9	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384300 2009 SB_3			7 25.7 337°.10		1°.3/25.3 15	
	h m	° ′			°	m
6 20	20 44.45	−22 1.9	1.152	2.045	18.2	20.2
6 30	20 41.43	−21 58.7	1.079	2.030	14.0	19.9
7 10	20 35.18	−22 0.3	1.024	2.016	8.9	19.6
7 20	20 26.44	−22 2.8	0.990	2.003	3.4	19.2
7 30	20 16.57	−22 1.6	0.979	1.992	3.1	19.2
8 9	20 7.27	−21 53.0	0.990	1.981	8.8	19.5
8 19	20 0.08	−21 35.9	1.023	1.972	14.2	19.7
8 29	19 56.14	−21 10.7	1.074	1.965	18.8	20.0
121650 1999 WR_{18}			7 25.7 288°.65		0°.6/25.4 18	R
6 20	20 43.82	−19 36.6	2.233	3.088	12.0	20.8
6 30	20 39.46	−19 57.7	2.140	3.071	9.1	20.6
7 10	20 33.21	−20 24.3	2.069	3.054	5.8	20.4
7 20	20 25.56	−20 53.8	2.025	3.037	2.1	20.1
7 30	20 17.25	−21 22.7	2.007	3.019	1.9	20.0
8 9	20 9.15	−21 47.9	2.018	3.002	5.6	20.3
8 19	20 2.10	−22 7.1	2.055	2.985	9.2	20.5
8 29	19 56.84	−22 19.3	2.115	2.968	12.4	20.6
508784 1999 XV_{81}			7 25.7 215°.33		1°.1/26.5 18	
6 20	20 46.36	−14 16.5	3.049	3.871	10.0	24.1
6 30	20 40.79	−14 28.0	2.949	3.859	7.7	23.9
7 10	20 33.78	−14 45.7	2.873	3.846	5.1	23.7
7 20	20 25.72	−15 8.1	2.825	3.832	2.3	23.5
7 30	20 17.16	−15 33.3	2.807	3.818	1.5	23.5
8 9	20 8.77	−15 59.2	2.819	3.803	4.3	23.6
8 19	20 1.14	−16 23.7	2.860	3.786	7.1	23.8
8 29	19 54.83	−16 45.6	2.927	3.769	9.6	23.9
423019 2003 SK_{420}			7 25.7 37°.14		8°.4/29.9 17	
6 20	20 44.10	− 1 12.3	1.237	2.071	20.9	20.9
6 30	20 40.50	− 0 38.2	1.179	2.079	17.4	20.7
7 10	20 34.21	− 0 30.4	1.137	2.087	13.5	20.5
7 20	20 25.98	− 0 50.9	1.116	2.096	10.0	20.3
7 30	20 16.99	− 1 38.4	1.116	2.106	8.4	20.2
8 9	20 8.63	− 2 46.9	1.139	2.116	10.0	20.4
8 19	20 2.10	− 4 8.4	1.183	2.126	13.3	20.6
8 29	19 58.30	− 5 33.8	1.249	2.137	16.9	20.8
476200 2007 UX_{55}			7 25.7 321°.76		9°.0/29.7 16	
6 20	20 42.02	+ 0 23.8	1.629	2.438	17.8	21.4
6 30	20 38.63	+ 1 23.4	1.542	2.421	15.2	21.2
7 10	20 32.97	+ 2 3.9	1.472	2.404	12.4	21.0
7 20	20 25.56	+ 2 21.6	1.424	2.388	10.0	20.8
7 30	20 17.26	+ 2 14.5	1.398	2.373	9.0	20.7
8 9	20 9.18	+ 1 44.2	1.396	2.358	10.1	20.7
8 19	20 2.38	+ 0 54.8	1.416	2.343	12.8	20.9
8 29	19 57.78	− 0 7.2	1.457	2.330	15.9	21.0
467488 2006 TR_{48}			7 25.7 344°.51		10°.7/20.8 16	
6 20	20 35.23	−33 40.1	0.848	1.772	19.9	20.2
6 30	20 35.67	−35 11.0	0.788	1.750	16.1	19.9
7 10	20 32.20	−36 39.7	0.744	1.730	12.5	19.6
7 20	20 25.52	−37 52.3	0.718	1.713	10.7	19.4
7 30	20 17.26	−38 34.6	0.709	1.698	12.1	19.4
8 9	20 9.74	−38 38.1	0.718	1.685	15.9	19.6
8 19	20 4.99	−38 2.8	0.743	1.676	20.2	19.8
8 29	20 4.42	−36 54.2	0.782	1.669	24.3	20.0
291826 2006 KZ_{143}			7 25.7 346°.20		4°.9/27.4 18	
6 20	20 41.88	−10 53.2	1.052	1.934	20.4	20.2
6 30	20 39.46	−10 16.9	0.985	1.924	16.3	19.9
7 10	20 33.92	− 9 57.8	0.935	1.916	11.5	19.6
7 20	20 25.98	− 9 56.8	0.905	1.909	6.7	19.3
7 30	20 16.97	−10 12.6	0.895	1.903	5.2	19.2
8 9	20 8.51	−10 40.7	0.907	1.899	9.1	19.4
8 19	20 2.09	−11 15.6	0.939	1.896	14.2	19.7
8 29	19 58.83	−11 51.4	0.989	1.894	18.9	19.9
151457 2002 GX_{106}			7 25.7 250°.52		2°.6/27.7 18	
6 20	20 41.90	− 8 44.7	2.397	3.220	12.3	20.2
6 30	20 37.77	− 9 5.4	2.308	3.214	9.7	20.0
7 10	20 32.02	− 9 38.4	2.242	3.208	6.8	19.8
7 20	20 25.10	−10 22.4	2.201	3.201	3.8	19.6
7 30	20 17.65	−11 14.6	2.188	3.195	2.8	19.5
8 9	20 10.41	−12 11.7	2.203	3.189	5.1	19.7
8 19	20 4.09	−13 9.7	2.245	3.182	8.2	19.8
8 29	19 59.30	−14 5.3	2.312	3.175	11.1	20.0
506031 2015 JL_8			7 25.7 95°.72		6°.6/30.4 17	
6 20	20 45.06	+ 0 46.5	1.942	2.730	16.0	21.3
6 30	20 40.27	+ 0 54.3	1.878	2.748	13.3	21.1
7 10	20 33.61	+ 0 41.9	1.835	2.765	10.4	21.0
7 20	20 25.67	+ 0 9.1	1.814	2.783	7.8	20.9
7 30	20 17.27	− 0 42.4	1.819	2.800	6.6	20.8
8 9	20 9.33	− 1 48.3	1.850	2.817	7.6	20.9
8 19	20 2.64	− 3 3.1	1.906	2.833	10.0	21.1
8 29	19 57.85	− 4 21.1	1.987	2.850	12.7	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
293088 2006 WT_{194}			7 25.7 181°.30		5°.2/21.5 18	
	h m	° ′			°	m
6 20	20 47.20	−35 1.1	2.648	3.497	10.5	20.9
6 30	20 41.86	−36 5.3	2.579	3.497	8.3	20.8
7 10	20 34.64	−37 5.6	2.535	3.497	6.3	20.6
7 20	20 26.07	−37 56.8	2.518	3.497	5.2	20.6
7 30	20 16.93	−38 34.5	2.528	3.497	5.9	20.6
8 9	20 8.13	−38 56.3	2.565	3.496	7.7	20.7
8 19	20 0.48	−39 1.6	2.628	3.495	9.9	20.9
8 29	19 54.66	−38 52.1	2.712	3.494	11.9	21.0
218396 2004 PH_{95}			7 25.7 22°.73		0°.5/25.9 18	
6 20	20 45.27	−18 2.0	2.003	2.857	13.2	19.7
6 30	20 40.52	−17 56.6	1.930	2.860	10.1	19.5
7 10	20 33.82	−17 56.7	1.880	2.863	6.4	19.2
7 20	20 25.77	−18 0.3	1.855	2.866	2.5	19.0
7 30	20 17.21	−18 5.1	1.857	2.870	1.7	19.0
8 9	20 9.10	−18 8.8	1.887	2.874	5.6	19.2
8 19	20 2.27	−18 10.1	1.942	2.879	9.3	19.5
8 29	19 57.40	−18 7.9	2.020	2.883	12.5	19.7
119880 2002 CH_{238}			7 25.7 143°.61		3°.4/28.2 18	
6 20	20 42.38	− 6 54.1	2.410	3.225	12.5	20.3
6 30	20 38.04	− 7 0.7	2.330	3.228	10.0	20.1
7 10	20 32.14	− 7 19.8	2.272	3.231	7.2	20.0
7 20	20 25.14	− 7 50.4	2.240	3.234	4.5	19.8
7 30	20 17.69	− 8 30.7	2.235	3.237	3.5	19.7
8 9	20 10.51	− 9 17.4	2.258	3.240	5.3	19.9
8 19	20 4.27	−10 7.3	2.308	3.242	8.1	20.0
8 29	19 59.57	−10 56.8	2.382	3.245	10.8	20.2
328190 2008 DP_{73}			7 25.7 137°.25		4°.0/27.9 17	
6 20	20 46.16	− 8 13.1	1.589	2.428	16.8	21.4
6 30	20 41.67	− 8 14.3	1.517	2.430	13.3	21.2
7 10	20 34.80	− 8 32.5	1.464	2.433	9.4	21.0
7 20	20 26.21	− 9 6.6	1.435	2.435	5.5	20.8
7 30	20 16.89	− 9 53.5	1.431	2.437	4.1	20.7
8 9	20 8.02	−10 48.4	1.453	2.440	7.1	20.9
8 19	20 0.66	−11 45.8	1.499	2.442	11.1	21.1
8 29	19 55.65	−12 41.1	1.568	2.444	14.8	21.3
479554 2014 CA			7 25.7 274°.37		0°.7/25.3 18	
6 20	20 46.22	−17 57.6	1.876	2.731	13.9	21.3
6 30	20 41.80	−18 44.3	1.775	2.707	10.7	21.1
7 10	20 35.02	−19 41.6	1.698	2.682	6.8	20.8
7 20	20 26.37	−20 45.8	1.645	2.657	2.5	20.5
7 30	20 16.70	−21 51.2	1.620	2.632	2.3	20.4
8 9	20 7.11	−22 52.2	1.622	2.606	6.8	20.6
8 19	19 58.72	−23 44.3	1.649	2.579	11.1	20.8
8 29	19 52.51	−24 25.0	1.699	2.553	14.9	21.0
93912 2000 WE_{157}			7 25.7 222°.88		3°.0/23.8 18	
6 20	20 49.14	−26 40.8	2.336	3.187	11.7	20.7
6 30	20 43.48	−27 21.6	2.248	3.177	8.9	20.5
7 10	20 35.77	−28 3.4	2.185	3.165	5.9	20.3
7 20	20 26.55	−28 41.8	2.148	3.153	3.3	20.1
7 30	20 16.64	−29 12.5	2.140	3.140	3.8	20.1
8 9	20 7.01	−29 32.2	2.159	3.127	6.7	20.2
8 19	19 58.55	−29 39.8	2.205	3.113	9.8	20.4
8 29	19 52.05	−29 35.7	2.275	3.099	12.6	20.6
411689 2011 YW_{33}			7 25.7 263°.98		3°.1/24.2 17	
6 20	20 49.19	−23 25.8	1.430	2.305	16.4	21.2
6 30	20 44.66	−24 15.8	1.352	2.293	12.5	20.9
7 10	20 37.10	−25 12.7	1.294	2.281	8.1	20.6
7 20	20 27.19	−26 9.9	1.259	2.269	3.9	20.3
7 30	20 16.13	−26 59.5	1.250	2.257	4.4	20.3
8 9	20 5.47	−27 35.4	1.265	2.244	8.9	20.6
8 19	19 56.66	−27 54.9	1.303	2.231	13.6	20.8
8 29	19 50.84	−27 58.2	1.362	2.218	17.7	21.0
80249 1999 WB_9			7 25.7 232°.73		1°.9/26.7 18	
6 20	20 49.18	−13 35.4	1.999	2.835	14.0	20.6
6 30	20 43.70	−13 35.7	1.904	2.821	10.9	20.3
7 10	20 36.02	−13 45.4	1.831	2.806	7.3	20.1
7 20	20 26.69	−14 3.0	1.783	2.791	3.4	19.8
7 30	20 16.54	−14 26.1	1.763	2.774	2.4	19.7
8 9	20 6.61	−14 51.5	1.771	2.757	6.1	19.9
8 19	19 57.90	−15 16.4	1.806	2.740	10.1	20.1
8 29	19 51.25	−15 38.6	1.863	2.721	13.6	20.3
151477 2002 HG_{16}			7 25.7 181°.80		0°.8/25.1 18	
6 20	20 44.43	−20 45.7	2.649	3.496	10.6	20.9
6 30	20 39.54	−21 11.5	2.569	3.496	8.0	20.7
7 10	20 33.07	−21 40.9	2.513	3.496	5.0	20.5
7 20	20 25.50	−22 11.4	2.485	3.496	1.9	20.3
7 30	20 17.48	−22 39.8	2.485	3.496	1.8	20.3
8 9	20 9.74	−23 3.8	2.514	3.495	4.9	20.5
8 19	20 2.95	−23 21.6	2.570	3.494	7.9	20.7
8 29	19 57.70	−23 32.6	2.651	3.493	10.5	20.9

155122 2005 TZ_{72} 7 25.7 294°.28 1°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.08	−11 53.0	2.114	2.955	13.1	20.4
6 30	20 38.21	−12 23.6	2.022	2.941	10.2	20.2
7 10	20 32.48	−13 6.6	1.952	2.928	6.8	20.0
7 20	20 25.36	−13 59.9	1.907	2.915	3.2	19.7
7 30	20 17.55	−15 0.1	1.890	2.901	2.1	19.6
8 9	20 9.93	−16 2.5	1.900	2.888	5.5	19.8
8 19	20 3.35	−17 3.0	1.936	2.875	9.2	20.0
8 29	19 58.53	−17 57.9	1.997	2.862	12.5	20.2

522017 2015 XN_{352} 7 25.7 19°.81 1°.4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.27	−13 11.8	2.500	3.338	11.4	21.5
6 30	20 37.21	−13 28.5	2.421	3.339	8.8	21.3
7 10	20 31.62	−13 53.6	2.364	3.340	5.8	21.1
7 20	20 24.97	−14 25.6	2.334	3.342	2.7	20.9
7 30	20 17.89	−15 1.7	2.332	3.343	1.8	20.9
8 9	20 11.07	−15 39.2	2.357	3.345	4.7	21.1
8 19	20 5.17	−16 15.4	2.410	3.347	7.8	21.3
8 29	20 0.75	−16 48.0	2.487	3.348	10.5	21.5

126572 2002 CX_{110} 7 25.7 141°.90 2°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.32	− 9 31.0	2.340	3.166	12.5	20.3
6 30	20 38.09	− 9 50.8	2.259	3.168	9.8	20.1
7 10	20 32.22	−10 22.4	2.202	3.170	6.7	19.9
7 20	20 25.21	−11 4.2	2.170	3.172	3.7	19.7
7 30	20 17.71	−11 53.4	2.165	3.174	2.6	19.7
8 9	20 10.48	−12 46.5	2.189	3.175	5.1	19.8
8 19	20 4.23	−13 39.9	2.240	3.177	8.2	20.0
8 29	19 59.56	−14 30.4	2.315	3.178	11.1	20.2

173630 2001 FK_{72} 7 25.7 153°.17 3°.7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 51.97	−26 52.3	1.903	2.760	13.7	20.9
6 30	20 45.86	−27 45.5	1.838	2.768	10.4	20.7
7 10	20 37.35	−28 39.6	1.796	2.776	6.9	20.5
7 20	20 27.15	−29 28.6	1.780	2.784	4.0	20.3
7 30	20 16.29	−30 6.8	1.791	2.791	4.5	20.4
8 9	20 5.98	−30 30.6	1.829	2.797	7.7	20.6
8 19	19 57.27	−30 39.2	1.893	2.802	11.1	20.8
8 29	19 50.99	−30 33.9	1.980	2.806	14.1	21.0

417901 2007 RN_{105} 7 25.7 336°.17 4°.7/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.55	−25 30.0	0.994	1.900	19.2	20.5
6 30	20 40.58	−26 16.6	0.927	1.885	14.8	20.1
7 10	20 35.00	−27 9.1	0.877	1.870	9.8	19.8
7 20	20 26.52	−27 59.3	0.847	1.857	5.3	19.5
7 30	20 16.67	−28 37.2	0.838	1.845	6.1	19.5
8 9	20 7.43	−28 55.8	0.850	1.834	11.2	19.8
8 19	20 0.59	−28 52.5	0.881	1.825	16.5	20.0
8 29	19 57.49	−28 29.3	0.928	1.818	21.2	20.3

220366 2003 OO_{4} 7 25.7 313°.02 1°.3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.43	−13 15.6	2.087	2.934	13.0	19.7
6 30	20 37.75	−13 41.3	1.996	2.920	10.1	19.5
7 10	20 32.20	−14 18.2	1.927	2.906	6.7	19.2
7 20	20 25.26	−15 4.2	1.883	2.892	3.0	19.0
7 30	20 17.65	−15 55.9	1.867	2.879	1.9	18.9
8 9	20 10.25	−16 49.0	1.877	2.866	5.5	19.1
8 19	20 3.89	−17 39.7	1.914	2.853	9.2	19.3
8 29	19 59.31	−18 24.9	1.974	2.841	12.6	19.5

314060 2005 AQ_{58} 7 25.7 93°.67 0°.5/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 54.66	−20 27.5	1.534	2.391	16.4	21.0
6 30	20 47.90	−20 28.6	1.484	2.415	12.4	20.8
7 10	20 38.56	−20 34.4	1.454	2.438	7.8	20.6
7 20	20 27.53	−20 41.2	1.449	2.461	2.8	20.4
7 30	20 16.09	−20 45.4	1.471	2.483	2.3	20.4
8 9	20 5.57	−20 44.5	1.519	2.505	7.0	20.7
8 19	19 57.05	−20 37.8	1.593	2.526	11.2	21.0
8 29	19 51.27	−20 25.6	1.688	2.547	14.7	21.3

506658 2006 SL_{161} 7 25.7 268°.69 0°.3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.57	−16 48.1	1.642	2.500	15.4	22.6
6 30	20 43.03	−17 8.8	1.550	2.482	11.9	22.3
7 10	20 35.90	−17 40.1	1.479	2.463	7.7	22.1
7 20	20 26.74	−18 18.8	1.433	2.444	3.0	21.7
7 30	20 16.53	−19 0.3	1.412	2.425	2.1	21.6
8 9	20 6.54	−19 39.7	1.417	2.405	7.1	21.9
8 19	19 57.99	−20 13.1	1.447	2.385	11.8	22.1
8 29	19 51.92	−20 38.2	1.499	2.365	15.9	22.3

511266 2014 CH_{20} 7 25.7 50°.84 6°.9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.29	+ 2 25.6	1.784	2.576	17.1	20.3
6 30	20 38.39	+ 2 10.1	1.721	2.592	14.3	20.2
7 10	20 32.54	+ 1 30.2	1.677	2.608	11.2	20.0
7 20	20 25.35	+ 0 26.3	1.655	2.624	8.4	19.9
7 30	20 17.66	− 0 58.6	1.658	2.641	6.9	19.8
8 9	20 10.42	− 2 38.4	1.686	2.658	7.8	19.9
8 19	20 4.47	− 4 25.7	1.741	2.675	10.3	20.1
8 29	20 0.48	− 6 13.0	1.819	2.693	13.1	20.3

392035 2009 BV_{54} 7 25.7 160°.34 1°.2/24.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 47.12	−21 50.5	2.295	3.146	11.9	22.4
6 30	20 41.76	−22 15.9	2.221	3.150	9.0	22.2
7 10	20 34.57	−22 44.7	2.171	3.154	5.6	22.0
7 20	20 26.09	−23 13.6	2.147	3.158	2.2	21.8
7 30	20 17.10	−23 39.1	2.152	3.162	2.3	21.8
8 9	20 8.50	−23 58.4	2.184	3.165	5.6	22.1
8 19	20 1.08	−24 10.1	2.244	3.167	8.9	22.3
8 29	19 55.50	−24 13.9	2.327	3.170	11.8	22.5

203007 1999 XB_{30} 7 25.7 210°.33 5°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.46	− 3 9.8	2.348	3.141	13.4	20.6
6 30	20 40.47	− 2 43.9	2.258	3.135	11.1	20.4
7 10	20 33.76	− 2 31.4	2.189	3.129	8.5	20.3
7 20	20 25.81	− 2 33.1	2.146	3.123	6.2	20.1
7 30	20 17.29	− 2 48.6	2.129	3.116	5.3	20.0
8 9	20 9.00	− 3 15.9	2.139	3.108	6.6	20.1
8 19	20 1.69	− 3 52.0	2.176	3.100	9.1	20.3
8 29	19 56.00	− 4 33.4	2.238	3.092	11.8	20.4

362377 2010 NT_{71} 7 25.7 257°.65 9°.4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 56.05	−49 41.5	2.531	3.339	12.2	21.2
6 30	20 49.22	−50 45.9	2.462	3.325	10.8	21.0
7 10	20 39.63	−51 37.4	2.415	3.312	9.7	21.0
7 20	20 28.05	−52 9.1	2.392	3.298	9.4	20.9
7 30	20 15.65	−52 15.9	2.392	3.283	10.0	20.9
8 9	20 3.84	−51 56.1	2.417	3.269	11.2	21.0
8 19	19 53.86	−51 11.7	2.463	3.254	12.8	21.1
8 29	19 46.63	−50 7.2	2.529	3.239	14.4	21.2

326070 2011 AY_{60} 7 25.7 359°.20 1°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.81	−19 47.7	2.321	3.177	11.6	20.4
6 30	20 37.84	−20 41.7	2.244	3.177	8.7	20.3
7 10	20 32.15	−21 42.1	2.191	3.176	5.4	20.1
7 20	20 25.22	−22 45.0	2.165	3.176	2.1	19.8
7 30	20 17.75	−23 45.9	2.166	3.176	2.2	19.8
8 9	20 10.54	−24 40.8	2.196	3.176	5.6	20.1
8 19	20 4.36	−25 26.7	2.252	3.177	8.8	20.3
8 29	19 59.84	−26 2.1	2.331	3.177	11.6	20.5

429074 2009 OD_{5} 7 25.7 3°.28 0°.1/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.40	−19 43.8	1.068	1.963	19.2	19.7
6 30	20 41.34	−19 32.4	1.010	1.961	14.7	19.4
7 10	20 35.06	−19 28.7	0.969	1.960	9.4	19.1
7 20	20 26.42	−19 29.5	0.949	1.961	3.5	18.8
7 30	20 16.89	−19 30.5	0.950	1.964	2.6	18.7
8 9	20 8.16	−19 28.4	0.974	1.967	8.5	19.1
8 19	20 1.67	−19 21.2	1.019	1.972	13.8	19.4
8 29	19 58.42	−19 8.2	1.083	1.979	18.3	19.7

424561 2008 FE_{57} 7 25.7 165°.81 1°.8/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.09	−22 16.6	1.865	2.722	13.9	22.1
6 30	20 44.45	−22 52.0	1.794	2.726	10.5	21.9
7 10	20 36.48	−23 31.8	1.745	2.730	6.7	21.7
7 20	20 26.86	−24 11.3	1.722	2.733	2.8	21.5
7 30	20 16.57	−24 45.7	1.726	2.736	2.9	21.5
8 9	20 6.76	−25 11.2	1.758	2.738	6.8	21.7
8 19	19 58.46	−25 26.0	1.815	2.739	10.6	22.0
8 29	19 52.48	−25 30.2	1.895	2.740	13.9	22.2

212884 2007 VD_{252} 7 25.7 32°.30 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.24	−16 28.1	1.813	2.671	14.2	20.3
6 30	20 40.02	−16 57.5	1.742	2.674	10.8	20.1
7 10	20 33.68	−17 36.4	1.693	2.677	6.9	19.9
7 20	20 25.82	−18 21.3	1.669	2.680	2.6	19.6
7 30	20 17.34	−19 7.9	1.671	2.684	1.8	19.6
8 9	20 9.27	−19 51.8	1.700	2.688	6.1	19.9
8 19	20 2.56	−20 29.5	1.754	2.691	10.1	20.1
8 29	19 57.96	−20 58.9	1.831	2.696	13.5	20.3

108935 2001 PA_{24} 7 25.7 343°.93 2°.7/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.67	−23 33.1	1.834	2.702	13.6	19.5
6 30	20 40.50	−24 29.0	1.761	2.700	10.3	19.2
7 10	20 34.07	−25 29.8	1.712	2.698	6.6	19.0
7 20	20 25.99	−26 30.1	1.687	2.696	3.2	18.8
7 30	20 17.19	−27 23.8	1.689	2.694	3.8	18.8
8 9	20 8.78	−28 6.4	1.717	2.693	7.3	19.1
8 19	20 1.78	−28 35.2	1.770	2.691	11.0	19.3
8 29	19 56.99	−28 50.0	1.844	2.690	14.2	19.5

340286 2006 BX_{273} 7 25.7 140°.59 1°.7/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.16	−22 14.4	1.975	2.832	13.3	21.3
6 30	20 42.83	−22 48.2	1.906	2.839	10.0	21.1
7 10	20 35.38	−23 26.0	1.860	2.845	6.3	20.9
7 20	20 26.43	−24 3.6	1.840	2.851	2.6	20.7
7 30	20 16.90	−24 36.5	1.848	2.857	2.8	20.7
8 9	20 7.85	−25 1.2	1.883	2.863	6.4	20.9
8 19	20 0.19	−25 16.2	1.943	2.868	10.0	21.2
8 29	19 54.67	−25 21.3	2.027	2.873	13.1	21.4

277524 2005 XY_{21} 7 25.7 223°.91 0°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.15	−15 42.0	2.632	3.469	11.0	21.4
6 30	20 39.35	−15 47.8	2.543	3.462	8.4	21.2
7 10	20 32.99	−15 59.7	2.477	3.455	5.4	21.0
7 20	20 25.52	−16 16.1	2.438	3.447	2.3	20.8
7 30	20 17.56	−16 34.8	2.428	3.440	1.5	20.7
8 9	20 9.84	−16 53.8	2.446	3.432	4.7	20.9
8 19	20 3.03	−17 11.1	2.491	3.424	7.7	21.1
8 29	19 57.70	−17 25.2	2.562	3.415	10.5	21.3

320507 2007 XJ_{39} 7 25.7 271°.22 2°.5/24.8 18

6 20	20 50.83	−24 1.7	1.497	2.367	16.0	20.8
6 30	20 45.78	−24 20.7	1.414	2.352	12.3	20.5
7 10	20 37.76	−24 43.2	1.351	2.337	7.9	20.3
7 20	20 27.46	−25 3.9	1.312	2.322	3.5	20.0
7 30	20 16.08	−25 17.3	1.298	2.307	3.7	19.9
8 9	20 5.11	−25 19.6	1.310	2.292	8.3	20.2
8 19	19 55.98	−25 9.6	1.345	2.276	13.0	20.4
8 29	19 49.75	−24 48.3	1.401	2.261	17.1	20.6

122131 2000 JF_{34} 7 25.7 98°.47 1°.3/25.1 18

6 20	20 49.23	−20 57.6	1.644	2.507	15.2	20.0
6 30	20 43.93	−21 24.0	1.583	2.518	11.5	19.8
7 10	20 36.19	−21 55.9	1.543	2.529	7.2	19.6
7 20	20 26.75	−22 28.9	1.528	2.539	2.8	19.3
7 30	20 16.70	−22 58.0	1.539	2.550	2.6	19.4
8 9	20 7.28	−23 19.5	1.576	2.560	7.0	19.6
8 19	19 59.56	−23 31.7	1.638	2.570	11.0	19.9
8 29	19 54.32	−23 34.3	1.722	2.580	14.5	20.2

75333 1999 XO_{54} 7 25.7 146°.19 0°.4/25.5 18

6 20	20 49.32	−18 10.6	1.843	2.695	14.3	20.3
6 30	20 43.80	−18 44.5	1.775	2.704	10.8	20.1
7 10	20 36.05	−19 26.4	1.729	2.712	6.8	19.9
7 20	20 26.70	−20 11.9	1.708	2.720	2.5	19.6
7 30	20 16.74	−20 56.4	1.715	2.727	2.0	19.6
8 9	20 7.26	−21 35.6	1.749	2.734	6.3	19.9
8 19	19 59.26	−22 6.8	1.809	2.740	10.2	20.1
8 29	19 53.50	−22 28.7	1.893	2.746	13.6	20.4

306271 2011 SG_{3} 7 25.8 347°.74 5°.5/28.8 18

6 20	20 41.12	− 5 15.9	1.575	2.412	17.0	20.0
6 30	20 37.95	− 5 3.3	1.498	2.406	13.8	19.8
7 10	20 32.54	− 5 9.7	1.440	2.401	10.3	19.6
7 20	20 25.46	− 5 35.5	1.404	2.396	6.9	19.3
7 30	20 17.64	− 6 18.9	1.392	2.392	5.5	19.3
8 9	20 10.17	− 7 15.5	1.405	2.389	7.7	19.4
8 19	20 4.08	− 8 19.6	1.441	2.386	11.2	19.6
8 29	20 0.20	− 9 25.1	1.499	2.384	14.8	19.8

294968 2008 EK_{3} 7 25.8 180°.66 3°.2/24.1 17

6 20	20 50.06	−24 40.4	1.696	2.561	14.7	21.1
6 30	20 44.75	−25 31.0	1.626	2.562	11.2	20.9
7 10	20 36.86	−26 25.4	1.578	2.562	7.2	20.7
7 20	20 27.07	−27 17.3	1.554	2.562	3.7	20.4
7 30	20 16.48	−28 0.4	1.557	2.562	4.2	20.5
8 9	20 6.39	−28 30.3	1.587	2.561	8.0	20.7
8 19	19 57.97	−28 45.3	1.641	2.560	11.8	20.9
8 29	19 52.12	−28 46.0	1.716	2.559	15.3	21.2

57833 2001 XD_{26} 7 25.8 351°.09 4°.5/22.3 18

6 20	20 46.46	−23 25.8	1.626	2.498	14.9	17.9
6 30	20 42.32	−25 32.5	1.557	2.497	11.3	17.6
7 10	20 35.52	−27 49.0	1.511	2.496	7.4	17.4
7 20	20 26.64	−30 5.4	1.491	2.496	4.6	17.3
7 30	20 16.74	−32 10.5	1.499	2.495	5.8	17.3
8 9	20 7.12	−33 55.4	1.534	2.495	9.4	17.5
8 19	19 59.07	−35 15.3	1.592	2.495	13.2	17.8
8 29	19 53.63	−36 9.8	1.672	2.495	16.5	18.0

240159 2002 OJ_{30} 7 25.8 261°.23 1°.8/26.9 18

6 20	20 44.10	−12 20.9	1.941	2.784	14.0	21.2
6 30	20 39.84	−12 42.1	1.859	2.780	10.9	20.9
7 10	20 33.57	−13 15.5	1.799	2.775	7.2	20.7
7 20	20 25.82	−13 58.8	1.763	2.771	3.4	20.5
7 30	20 17.41	−14 48.5	1.755	2.767	2.2	20.4
8 9	20 9.30	−15 40.3	1.774	2.762	5.8	20.6
8 19	20 2.38	−16 30.0	1.818	2.758	9.6	20.8
8 29	19 57.42	−17 14.6	1.886	2.753	13.1	21.0

209370 2004 EL_{14} 7 25.8 39°.43 1°.9/27.0 18

6 20	20 43.08	−11 41.8	1.888	2.733	14.3	20.0
6 30	20 39.03	−12 6.0	1.816	2.738	11.1	19.8
7 10	20 33.01	−12 42.9	1.766	2.743	7.4	19.6
7 20	20 25.59	−13 30.3	1.741	2.748	3.6	19.3
7 30	20 17.60	−14 24.2	1.742	2.753	2.3	19.3
8 9	20 9.98	−15 20.1	1.770	2.759	5.8	19.5
8 19	20 3.62	−16 13.7	1.824	2.764	9.5	19.7
8 29	19 59.20	−17 1.6	1.901	2.770	12.8	20.0

346666 2008 YK_{22} 7 25.8 241°.79 0°.2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.98	−17 33.1	2.269	3.114	12.2	22.1
6 30	20 41.12	−18 5.1	2.174	3.100	9.3	21.9
7 10	20 34.34	−18 44.7	2.103	3.085	5.9	21.6
7 20	20 26.12	−19 29.0	2.058	3.069	2.2	21.4
7 30	20 17.19	−20 14.2	2.041	3.053	1.7	21.3
8 9	20 8.44	−20 56.5	2.052	3.037	5.6	21.5
8 19	20 0.73	−21 33.0	2.090	3.020	9.2	21.7
8 29	19 54.80	−22 1.8	2.153	3.002	12.3	21.9

11738 1998 RK_{72} 7 25.8 11°.79 0°.2/25.7 18

6 20	20 42.42	−18 7.4	1.802	2.666	14.0	16.7
6 30	20 38.66	−18 30.3	1.733	2.669	10.6	16.5
7 10	20 32.83	−19 1.0	1.687	2.673	6.7	16.3
7 20	20 25.54	−19 36.0	1.665	2.677	2.5	16.0
7 30	20 17.67	−20 11.5	1.669	2.682	1.9	16.0
8 9	20 10.24	−20 43.4	1.699	2.687	6.1	16.3
8 19	20 4.15	−21 9.0	1.755	2.693	10.0	16.5
8 29	20 0.13	−21 26.8	1.832	2.700	13.3	16.7

445474 2010 VF_{101} 7 25.8 328°.08 0°.4/25.9 15

6 20	20 42.64	−17 10.5	1.888	2.748	13.7	21.7
6 30	20 38.87	−17 23.0	1.803	2.736	10.4	21.4
7 10	20 33.02	−17 43.6	1.740	2.724	6.7	21.2
7 20	20 25.64	−18 9.6	1.701	2.712	2.6	20.9
7 30	20 17.56	−18 37.8	1.688	2.701	1.8	20.8
8 9	20 9.78	−19 4.7	1.702	2.691	6.0	21.1
8 19	20 3.22	−19 27.5	1.741	2.681	10.0	21.3
8 29	19 58.68	−19 44.2	1.803	2.671	13.5	21.5

242513 2004 YM_{19} 7 25.8 252°.79 0°.3/25.6 18

6 20	20 46.45	−18 14.0	2.075	2.925	13.0	21.3
6 30	20 41.66	−18 42.9	1.981	2.909	9.9	21.0
7 10	20 34.78	−19 19.6	1.910	2.893	6.3	20.8
7 20	20 26.31	−20 0.7	1.865	2.877	2.3	20.5
7 30	20 17.06	−20 42.3	1.848	2.860	1.9	20.4
8 9	20 8.01	−21 20.3	1.858	2.843	6.0	20.7
8 19	20 0.11	−21 51.8	1.895	2.825	9.9	20.9
8 29	19 54.18	−22 15.2	1.954	2.807	13.3	21.1

33910 Lestarge 7 25.8 308°.10 0°.3/25.9 18 R

6 20	20 44.23	−16 1.6	1.207	2.088	18.4	18.3
6 30	20 41.28	−16 32.8	1.126	2.070	14.2	17.9
7 10	20 35.22	−17 20.3	1.063	2.052	9.2	17.6
7 20	20 26.65	−18 20.1	1.022	2.035	3.5	17.2
7 30	20 16.75	−19 25.4	1.004	2.018	2.5	17.1
8 9	20 7.14	−20 28.3	1.010	2.001	8.5	17.4
8 19	19 59.39	−21 22.2	1.037	1.985	14.1	17.7
8 29	19 54.76	−22 3.2	1.083	1.970	19.0	17.9

384435 2009 YZ_{20} 7 25.8 279°.97 2°.5/24.5 18

6 20	20 47.80	−23 31.8	1.709	2.576	14.5	20.9
6 30	20 43.21	−24 7.3	1.620	2.558	11.1	20.7
7 10	20 36.03	−24 47.7	1.554	2.540	7.2	20.4
7 20	20 26.84	−25 28.0	1.511	2.521	3.3	20.1
7 30	20 16.65	−26 2.4	1.495	2.503	3.6	20.1
8 9	20 6.75	−26 26.5	1.505	2.485	7.8	20.3
8 19	19 58.35	−26 37.9	1.539	2.466	12.0	20.5
8 29	19 52.45	−26 36.6	1.595	2.448	15.7	20.7

428332 2007 HV_{77} 7 25.8 92°.00 6°.2/29.8 17

6 20	20 45.00	− 1 30.8	1.753	2.560	16.8	21.4
6 30	20 40.52	− 1 27.2	1.686	2.572	13.8	21.2
7 10	20 33.96	− 1 44.2	1.640	2.584	10.5	21.0
7 20	20 25.95	− 2 21.9	1.615	2.595	7.5	20.9
7 30	20 17.38	− 3 18.0	1.616	2.607	6.2	20.8
8 9	20 9.26	− 4 27.6	1.643	2.618	7.6	20.9
8 19	20 2.50	− 5 44.8	1.695	2.630	10.5	21.1
8 29	19 57.82	− 7 3.4	1.770	2.641	13.6	21.3

49297 1998 VY_{4} 7 25.8 217°.28 0°.3/25.6 18

6 20	20 48.81	−18 41.6	1.893	2.745	14.0	19.4
6 30	20 43.52	−19 0.0	1.810	2.738	10.6	19.1
7 10	20 35.97	−19 25.3	1.749	2.732	6.8	18.9
7 20	20 26.74	−19 54.1	1.713	2.725	2.5	18.6
7 30	20 16.76	−20 22.6	1.705	2.717	2.0	18.6
8 9	20 7.14	−20 47.2	1.724	2.709	6.3	18.8
8 19	19 58.88	−21 5.4	1.769	2.701	10.4	19.1
8 29	19 52.82	−21 16.3	1.836	2.692	13.9	19.3

113506 2002 TL_{7} 7 25.8 356°.52 5°.0/27.7 17

6 20	20 38.68	−10 25.8	0.987	1.876	20.8	18.3
6 30	20 37.14	− 9 55.2	0.926	1.869	16.6	18.0
7 10	20 32.53	− 9 44.1	0.882	1.864	11.7	17.7
7 20	20 25.59	− 9 53.3	0.856	1.861	6.9	17.4
7 30	20 17.64	−10 20.6	0.851	1.859	5.2	17.3
8 9	20 10.32	−11 0.3	0.866	1.860	9.0	17.5
8 19	20 5.05	−11 45.9	0.901	1.862	14.1	17.8
8 29	20 2.91	−12 30.5	0.954	1.866	18.7	18.1

40435 1999 RL_{32} 7 25.8 314.°87 0.°7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.91	−20 8.5	1.929	2.792	13.3	19.2
6 30	20 39.87	−20 24.2	1.840	2.775	10.1	19.0
7 10	20 33.69	−20 45.5	1.772	2.758	6.4	18.7
7 20	20 25.92	−21 9.5	1.730	2.742	2.4	18.4
7 30	20 17.40	−21 32.5	1.714	2.726	2.1	18.4
8 9	20 9.15	−21 51.1	1.724	2.710	6.3	18.6
8 19	20 2.14	−22 3.3	1.760	2.695	10.2	18.8
8 29	19 57.17	−22 7.9	1.818	2.681	13.7	19.0

87438 2000 QH_{107} 7 25.8 1.°57 2.°4/26.9 18

6 20	20 43.00	−12 38.5	1.337	2.206	17.7	19.6
6 30	20 39.74	−12 44.6	1.270	2.204	13.7	19.3
7 10	20 33.85	−13 6.0	1.222	2.204	9.2	19.1
7 20	20 26.02	−13 40.7	1.195	2.204	4.4	18.8
7 30	20 17.37	−14 24.4	1.193	2.205	2.9	18.7
8 9	20 9.24	−15 11.6	1.214	2.206	7.3	19.0
8 19	20 2.83	−15 57.0	1.259	2.209	12.0	19.2
8 29	19 59.05	−16 36.6	1.324	2.212	16.2	19.5

333991 2000 SQ_{251} 7 25.8 317.°83 2.°6/26.9 18

6 20	20 42.00	−12 12.0	1.388	2.255	17.2	20.8
6 30	20 39.21	−12 17.7	1.296	2.229	13.6	20.5
7 10	20 33.73	−12 39.5	1.223	2.204	9.3	20.2
7 20	20 26.08	−13 16.4	1.172	2.180	4.6	19.8
7 30	20 17.24	−14 4.9	1.145	2.156	3.1	19.7
8 9	20 8.56	−14 59.4	1.141	2.133	7.7	19.9
8 19	20 1.39	−15 54.2	1.160	2.111	12.7	20.1
8 29	19 56.86	−16 44.1	1.200	2.090	17.3	20.3

259533 2003 UY_{61} 7 25.8 299.°92 1.°0/25.3 18

6 20	20 45.39	−18 26.7	1.338	2.215	17.1	20.7
6 30	20 41.95	−19 8.9	1.255	2.198	13.1	20.4
7 10	20 35.54	−20 4.0	1.191	2.180	8.4	20.1
7 20	20 26.77	−21 7.2	1.150	2.163	3.1	19.7
7 30	20 16.75	−22 11.3	1.133	2.146	2.9	19.6
8 9	20 7.01	−23 8.7	1.141	2.129	8.4	19.9
8 19	19 59.01	−23 54.3	1.171	2.112	13.6	20.1
8 29	19 53.95	−24 25.3	1.221	2.096	18.1	20.4

120871 1998 RT_{19} 7 25.8 342.°61 2.°5/26.6 18

6 20	20 43.09	−14 53.4	0.985	1.878	20.6	19.1
6 30	20 40.69	−14 35.2	0.919	1.868	16.0	18.7
7 10	20 34.93	−14 31.5	0.870	1.859	10.7	18.4
7 20	20 26.54	−14 40.9	0.841	1.851	4.9	18.1
7 30	20 16.96	−15 0.0	0.832	1.845	3.3	18.0
8 9	20 7.99	−15 23.5	0.845	1.839	9.0	18.3
8 19	20 1.25	−15 46.7	0.877	1.835	14.7	18.6
8 29	19 57.93	−16 5.5	0.927	1.833	19.7	18.8

475708 2006 VC_{161} 7 25.8 283.°66 0.°9/26.3 18

6 20	20 44.41	−15 30.2	2.014	2.864	13.3	22.3
6 30	20 40.05	−15 43.1	1.929	2.856	10.2	22.1
7 10	20 33.71	−16 4.7	1.867	2.848	6.7	21.8
7 20	20 25.92	−16 32.9	1.830	2.840	2.8	21.6
7 30	20 17.46	−17 4.4	1.819	2.832	1.8	21.5
8 9	20 9.30	−17 35.8	1.836	2.824	5.7	21.7
8 19	20 2.32	−18 4.3	1.879	2.816	9.5	21.9
8 29	19 57.25	−18 27.7	1.945	2.809	12.8	22.1

362325 2010 HA_{29} 7 25.8 353.°04 2.°3/24.7 17

6 20	20 38.66	−20 2.9	0.911	1.822	20.1	19.8
6 30	20 37.58	−20 52.8	0.852	1.814	15.3	19.5
7 10	20 33.07	−21 56.9	0.811	1.807	9.7	19.2
7 20	20 25.87	−23 7.9	0.789	1.802	3.9	18.8
7 30	20 17.47	−24 15.4	0.787	1.798	4.2	18.8
8 9	20 9.76	−25 10.0	0.805	1.797	10.1	19.2
8 19	20 4.40	−25 46.2	0.843	1.797	15.7	19.5
8 29	20 2.58	−26 2.1	0.897	1.799	20.6	19.8

25593 Camillejordan 7 25.8 304.°34 2.°7/24.5 18

6 20	20 46.08	−22 26.8	1.351	2.232	16.7	17.5
6 30	20 42.64	−23 8.1	1.261	2.206	12.9	17.2
7 10	20 36.11	−23 58.2	1.191	2.181	8.3	16.9
7 20	20 27.03	−24 51.2	1.144	2.155	3.7	16.5
7 30	20 16.56	−25 39.6	1.120	2.130	4.1	16.5
8 9	20 6.27	−26 16.7	1.121	2.104	9.2	16.7
8 19	19 57.74	−26 38.3	1.143	2.080	14.3	16.9
8 29	19 52.27	−26 43.8	1.185	2.056	18.9	17.1

440785 2006 KQ_{73} 7 25.8 240.°51 0.°8/25.2 18

6 20	20 45.50	−17 53.4	2.112	2.963	12.8	21.0
6 30	20 40.92	−18 48.8	2.023	2.952	9.7	20.8
7 10	20 34.32	−19 53.6	1.958	2.941	6.1	20.6
7 20	20 26.17	−21 3.6	1.918	2.930	2.3	20.3
7 30	20 17.27	−22 13.6	1.907	2.918	2.1	20.3
8 9	20 8.57	−23 18.6	1.924	2.907	6.0	20.5
8 19	20 0.97	−24 14.6	1.967	2.894	9.8	20.7
8 29	19 55.28	−24 59.4	2.034	2.882	13.0	20.9

335054 2004 RJ_{136} 7 25.8 323.°55 5.°0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.31	−11 19.9	1.368	2.228	17.8	20.5
6 30	20 41.66	−10 22.2	1.281	2.208	14.3	20.2
7 10	20 35.23	− 9 34.6	1.214	2.188	10.2	19.9
7 20	20 26.62	− 8 59.1	1.168	2.169	6.3	19.6
7 30	20 16.92	− 8 36.3	1.146	2.151	5.2	19.5
8 9	20 7.52	− 8 25.4	1.147	2.133	8.6	19.6
8 19	19 59.74	− 8 24.2	1.171	2.117	13.1	19.8
8 29	19 54.69	− 8 29.6	1.215	2.101	17.4	20.0

238535 2004 TQ_{334} 7 25.8 244.°42 0.°2/25.7 17 R

6 20	20 47.31	−18 5.5	2.009	2.859	13.3	22.1
6 30	20 42.36	−18 28.4	1.918	2.846	10.2	21.8
7 10	20 35.26	−18 58.9	1.849	2.832	6.5	21.6
7 20	20 26.53	−19 33.8	1.807	2.818	2.4	21.3
7 30	20 17.02	−20 9.2	1.791	2.804	1.9	21.2
8 9	20 7.76	−20 41.3	1.803	2.789	6.1	21.5
8 19	19 59.71	−21 7.5	1.842	2.774	10.0	21.7
8 29	19 53.70	−21 26.1	1.903	2.758	13.5	21.9

385587 2004 XA_{101} 7 25.8 252.°52 0.°7/26.1 18

6 20	20 47.20	−16 32.9	2.030	2.877	13.4	22.0
6 30	20 42.24	−16 40.6	1.937	2.862	10.3	21.8
7 10	20 35.16	−16 55.9	1.866	2.847	6.7	21.5
7 20	20 26.50	−17 16.5	1.821	2.832	2.7	21.2
7 30	20 17.07	−17 39.6	1.803	2.816	1.8	21.1
8 9	20 7.89	−18 1.9	1.813	2.800	5.9	21.4
8 19	19 59.89	−18 21.0	1.849	2.783	9.8	21.6
8 29	19 53.89	−18 35.2	1.908	2.767	13.3	21.8

311939 2007 CE_{44} 7 25.8 188.°79 2.°0/27.3 18

6 20	20 43.19	−11 4.2	2.661	3.485	11.2	21.9
6 30	20 38.61	−11 16.8	2.576	3.484	8.7	21.8
7 10	20 32.55	−11 38.6	2.514	3.483	5.9	21.6
7 20	20 25.44	−12 8.1	2.478	3.481	3.1	21.4
7 30	20 17.88	−12 43.2	2.471	3.480	2.2	21.3
8 9	20 10.56	−13 21.3	2.492	3.478	4.6	21.5
8 19	20 4.10	−13 59.6	2.541	3.475	7.5	21.7
8 29	19 59.05	−14 35.9	2.616	3.473	10.2	21.8

320456 2007 VN_{228} 7 25.8 74.°25 4.°2/23.5 17

6 20	20 49.83	−24 52.6	1.407	2.283	16.5	20.3
6 30	20 44.85	−26 12.1	1.359	2.300	12.5	20.1
7 10	20 37.02	−27 35.4	1.332	2.318	8.1	19.9
7 20	20 27.18	−28 53.8	1.330	2.336	4.6	19.8
7 30	20 16.66	−29 59.0	1.352	2.354	5.3	19.9
8 9	20 6.92	−30 45.2	1.400	2.372	9.1	20.1
8 19	19 59.23	−31 11.1	1.471	2.389	13.0	20.4
8 29	19 54.44	−31 18.4	1.562	2.407	16.4	20.7

178495 1999 TM_{114} 7 25.8 314.°54 2.°0/26.6 18

6 20	20 43.21	−14 15.7	1.227	2.104	18.3	20.1
6 30	20 40.52	−14 17.1	1.138	2.078	14.4	19.8
7 10	20 34.80	−14 33.5	1.067	2.053	9.7	19.4
7 20	20 26.57	−15 3.4	1.017	2.028	4.4	19.1
7 30	20 16.96	−15 43.0	0.990	2.003	2.9	18.9
8 9	20 7.51	−16 26.6	0.986	1.979	8.4	19.1
8 19	19 59.78	−17 8.4	1.004	1.956	14.0	19.4
8 29	19 55.08	−17 44.0	1.040	1.934	19.0	19.6

479275 2013 FX_{26} 7 25.8 209.°14 1.°9/27.1 18

6 20	20 43.58	−11 59.7	2.505	3.334	11.7	21.9
6 30	20 39.01	−12 6.3	2.418	3.330	9.1	21.7
7 10	20 32.85	−12 21.8	2.355	3.327	6.1	21.5
7 20	20 25.57	−12 44.7	2.318	3.323	3.1	21.3
7 30	20 17.80	−13 13.2	2.310	3.319	2.2	21.3
8 9	20 10.28	−13 44.4	2.329	3.315	4.9	21.5
8 19	20 3.68	−14 15.9	2.376	3.311	7.9	21.6
8 29	19 58.60	−14 45.4	2.447	3.306	10.7	21.8

124865 2001 TJ_{29} 7 25.8 324.°52 0.°5/25.6 17

6 20	20 43.99	−19 40.0	1.039	1.936	19.4	19.5
6 30	20 41.54	−19 43.1	0.963	1.916	15.0	19.2
7 10	20 35.62	−19 55.9	0.905	1.897	9.7	18.8
7 20	20 26.90	−20 14.5	0.866	1.879	3.6	18.4
7 30	20 16.75	−20 33.4	0.849	1.862	2.9	18.3
8 9	20 7.02	−20 47.1	0.853	1.846	9.3	18.6
8 19	19 59.48	−20 52.1	0.877	1.832	15.3	18.9
8 29	19 55.47	−20 47.3	0.919	1.818	20.5	19.1

231489 2008 PG_{15} 7 25.8 320.°65 1.°7/26.6 18

6 20	20 42.49	−13 45.0	1.393	2.263	17.0	20.7
6 30	20 39.53	−13 58.7	1.308	2.244	13.3	20.4
7 10	20 33.89	−14 27.4	1.242	2.226	8.8	20.1
7 20	20 26.15	−15 8.9	1.198	2.208	4.0	19.8
7 30	20 17.32	−15 59.0	1.178	2.191	2.5	19.6
8 9	20 8.76	−16 51.7	1.182	2.174	7.5	19.9
8 19	20 1.76	−17 41.6	1.210	2.159	12.5	20.1
8 29	19 57.41	−18 24.3	1.257	2.144	16.9	20.4

50314 2000 CY_{46} 7 25.8 252.°16 2.°8/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 47.75	−11 32.0	1.782	2.621	15.2	20.3
6 30	20 42.93	−11 27.2	1.690	2.607	12.0	20.0
7 10	20 35.75	−11 34.6	1.618	2.591	8.3	19.8
7 20	20 26.77	−11 53.1	1.571	2.575	4.4	19.5
7 30	20 16.89	−12 20.4	1.550	2.559	3.1	19.4
8 9	20 7.24	−12 53.1	1.555	2.542	6.7	19.6
8 19	19 58.89	−13 27.5	1.586	2.525	10.8	19.8
8 29	19 52.76	−14 0.3	1.640	2.508	14.6	20.0

193258 2000 SC_{120} 7 25.8 304.°53 6.°7/29.2 18

6 20	20 42.68	− 3 4.4	1.592	2.417	17.4	20.3
6 30	20 39.34	− 2 43.4	1.498	2.395	14.5	20.1
7 10	20 33.62	− 2 42.4	1.422	2.374	11.2	19.8
7 20	20 26.02	− 3 3.4	1.369	2.353	8.0	19.6
7 30	20 17.42	− 3 46.1	1.339	2.333	6.7	19.5
8 9	20 8.97	− 4 46.7	1.333	2.312	8.6	19.5
8 19	20 1.80	− 5 59.6	1.351	2.292	12.1	19.7
8 29	19 56.91	− 7 17.7	1.391	2.273	15.9	19.9

263150 2007 VN_{239} 7 25.8 265.°42 2.°9/24.3 18

6 20	20 49.21	−23 9.4	1.529	2.399	15.7	20.8
6 30	20 44.63	−24 0.5	1.444	2.383	12.0	20.5
7 10	20 37.15	−24 58.9	1.380	2.367	7.8	20.2
7 20	20 27.38	−25 58.2	1.340	2.350	3.7	19.9
7 30	20 16.43	−26 51.1	1.325	2.332	4.2	19.9
8 9	20 5.76	−27 31.3	1.336	2.315	8.6	20.1
8 19	19 56.78	−27 55.7	1.371	2.297	13.2	20.4
8 29	19 50.61	−28 4.1	1.426	2.279	17.2	20.6

14634 1998 VE_{37} 7 25.8 217.°39 3.°9/23.4 18

6 20	20 49.47	−30 1.8	2.376	3.227	11.5	19.1
6 30	20 43.75	−30 40.9	2.294	3.220	8.9	18.9
7 10	20 36.01	−31 18.5	2.236	3.212	6.1	18.8
7 20	20 26.79	−31 49.8	2.205	3.203	4.1	18.6
7 30	20 16.94	−32 10.8	2.201	3.195	4.5	18.6
8 9	20 7.43	−32 18.7	2.226	3.185	7.0	18.8
8 19	19 59.15	−32 13.2	2.276	3.176	9.9	18.9
8 29	19 52.86	−31 55.4	2.350	3.165	12.5	19.1

71416 2000 AY_{187} 7 25.8 219.°79 0.°4/26.1 18

6 20	20 45.23	−14 40.9	2.170	3.011	12.8	19.9
6 30	20 40.61	−15 29.7	2.082	3.005	9.8	19.7
7 10	20 34.08	−16 29.6	2.018	2.998	6.3	19.5
7 20	20 26.11	−17 37.0	1.981	2.991	2.5	19.2
7 30	20 17.46	−18 47.4	1.971	2.984	1.6	19.2
8 9	20 9.03	−19 55.8	1.990	2.976	5.5	19.4
8 19	20 1.66	−20 58.1	2.036	2.968	9.2	19.6
8 29	19 56.11	−21 51.4	2.106	2.959	12.4	19.8

401185 2011 WE_{108} 7 25.8 121.°27 1.°5/26.8 18

6 20	20 44.20	−13 30.0	2.362	3.198	12.1	21.6
6 30	20 39.51	−13 36.5	2.287	3.204	9.3	21.4
7 10	20 33.18	−13 51.3	2.235	3.210	6.2	21.3
7 20	20 25.71	−14 12.6	2.209	3.216	2.9	21.1
7 30	20 17.80	−14 38.1	2.211	3.222	1.9	21.0
8 9	20 10.23	−15 5.2	2.241	3.228	4.9	21.2
8 19	20 3.68	−15 31.5	2.297	3.233	8.1	21.4
8 29	19 58.76	−15 55.0	2.379	3.239	11.0	21.6

478992 2012 XU_{128} 7 25.8 202.°63 4.°5/28.4 17

6 20	20 45.75	− 5 48.9	2.265	3.072	13.4	22.0
6 30	20 40.79	− 5 25.2	2.179	3.069	10.9	21.8
7 10	20 34.06	− 5 13.8	2.115	3.066	8.1	21.6
7 20	20 26.07	− 5 15.0	2.075	3.062	5.5	21.5
7 30	20 17.52	− 5 28.2	2.063	3.058	4.6	21.4
8 9	20 9.25	− 5 51.1	2.078	3.054	6.3	21.5
8 19	20 2.00	− 6 21.0	2.119	3.049	9.0	21.7
8 29	19 56.44	− 6 54.7	2.185	3.044	11.8	21.8

360901 2005 SV_{168} 7 25.8 159.°82 5.°6/29.9 18

6 20	20 42.90	− 0 8.1	2.551	3.329	12.9	21.3
6 30	20 38.42	+ 0 9.0	2.469	3.332	10.7	21.2
7 10	20 32.45	+ 0 11.4	2.409	3.336	8.5	21.0
7 20	20 25.45	− 0 1.4	2.373	3.339	6.5	20.9
7 30	20 18.00	− 0 28.7	2.364	3.341	5.6	20.8
8 9	20 10.80	− 1 8.4	2.381	3.344	6.5	20.9
8 19	20 4.49	− 1 57.0	2.425	3.346	8.5	21.0
8 29	19 59.62	− 2 50.8	2.494	3.348	10.7	21.2

284058 2005 CV_{46} 7 25.8 160.°34 0.°5/26.1 18

6 20	20 45.27	−15 46.5	1.953	2.803	13.7	21.2
6 30	20 40.74	−16 14.8	1.877	2.804	10.4	21.0
7 10	20 34.17	−16 52.5	1.824	2.805	6.7	20.7
7 20	20 26.14	−17 36.6	1.795	2.806	2.6	20.5
7 30	20 17.49	−18 23.0	1.794	2.807	1.7	20.4
8 9	20 9.20	−19 7.5	1.820	2.808	5.8	20.7
8 19	20 2.16	−19 46.9	1.873	2.809	9.6	20.9
8 29	19 57.12	−20 18.8	1.948	2.809	12.9	21.2

387541 2000 VN_{61} 7 25.8 241.°51 11.°6/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	21 9.15	−57 26.3	2.562	3.323	13.2	22.0
6 30	21 0.19	−58 53.8	2.494	3.303	12.3	21.9
7 10	20 47.26	−60 5.0	2.446	3.282	11.7	21.8
7 20	20 31.22	−60 50.5	2.420	3.260	11.7	21.8
7 30	20 13.75	−61 3.5	2.417	3.237	12.3	21.8
8 9	19 57.02	−60 41.9	2.436	3.213	13.4	21.8
8 19	19 42.94	−59 48.9	2.474	3.189	14.7	21.9
8 29	19 32.80	−58 30.9	2.529	3.163	16.0	22.0

417960 2007 TW_{92} 7 25.8 239.°24 0.°4/25.9 17

6 20	20 48.85	−16 25.2	1.616	2.472	15.7	22.0
6 30	20 44.02	−16 48.9	1.531	2.462	12.1	21.7
7 10	20 36.58	−17 23.7	1.468	2.451	7.8	21.4
7 20	20 27.14	−18 6.0	1.428	2.440	3.0	21.1
7 30	20 16.73	−18 51.0	1.415	2.428	2.1	21.0
8 9	20 6.63	−19 33.6	1.428	2.416	7.0	21.3
8 19	19 58.06	−20 9.8	1.466	2.404	11.6	21.5
8 29	19 52.01	−20 37.4	1.526	2.391	15.7	21.8

522986 2016 PB_{119} 7 25.8 149.°57 1.°9/24.4 17

6 20	20 46.05	−19 48.1	1.825	2.686	14.0	21.8
6 30	20 41.59	−21 4.9	1.753	2.688	10.6	21.5
7 10	20 34.86	−22 31.0	1.703	2.689	6.6	21.3
7 20	20 26.45	−24 0.4	1.680	2.691	2.8	21.1
7 30	20 17.27	−25 25.8	1.684	2.692	3.1	21.1
8 9	20 8.43	−26 41.0	1.715	2.694	7.1	21.3
8 19	20 0.97	−27 41.8	1.772	2.695	10.9	21.6
8 29	19 55.72	−28 26.8	1.851	2.696	14.2	21.8

243882 2000 YT_{38} 7 25.8 131.°53 0.°7/25.4 17

6 20	20 49.87	−17 56.7	1.740	2.593	14.9	20.6
6 30	20 44.38	−18 43.6	1.676	2.606	11.3	20.4
7 10	20 36.53	−19 39.4	1.634	2.618	7.1	20.2
7 20	20 27.03	−20 39.3	1.617	2.629	2.6	19.9
7 30	20 16.88	−21 37.4	1.628	2.640	2.2	19.9
8 9	20 7.27	−22 28.7	1.666	2.651	6.6	20.2
8 19	19 59.22	−23 10.0	1.730	2.661	10.7	20.5
8 29	19 53.54	−23 39.8	1.817	2.670	14.1	20.7

107735 2001 FA_{30} 7 25.8 22.°41 0.°7/25.6 18

6 20	20 51.37	−22 31.3	1.748	2.606	14.6	19.1
6 30	20 45.50	−22 11.4	1.675	2.608	11.1	18.9
7 10	20 37.22	−21 52.9	1.625	2.609	7.1	18.7
7 20	20 27.27	−21 33.0	1.599	2.611	2.7	18.4
7 30	20 16.73	−21 9.8	1.600	2.612	2.2	18.4
8 9	20 6.80	−20 42.1	1.628	2.614	6.6	18.6
8 19	19 58.52	−20 10.2	1.682	2.616	10.7	18.9
8 29	19 52.69	−19 35.0	1.759	2.618	14.2	19.1

358904 2008 GJ_{89} 7 25.8 82.°04 1.°4/26.7 17

6 20	20 44.19	−13 36.3	2.240	3.078	12.5	21.3
6 30	20 39.54	−13 49.8	2.173	3.092	9.6	21.2
7 10	20 33.21	−14 12.0	2.130	3.106	6.3	21.0
7 20	20 25.74	−14 40.9	2.112	3.120	2.9	20.8
7 30	20 17.85	−15 13.7	2.122	3.134	1.9	20.7
8 9	20 10.36	−15 47.4	2.160	3.147	5.0	21.0
8 19	20 3.98	−16 19.2	2.224	3.161	8.3	21.2
8 29	19 59.29	−16 47.2	2.313	3.174	11.2	21.4

516280 2016 WK_{22} 7 25.8 261.°16 3.°9/27.9 18

6 20	20 44.45	− 8 1.0	2.301	3.119	12.9	21.1
6 30	20 39.83	− 7 37.1	2.211	3.110	10.4	20.9
7 10	20 33.48	− 7 23.9	2.143	3.102	7.5	20.8
7 20	20 25.88	− 7 21.3	2.100	3.093	4.8	20.6
7 30	20 17.72	− 7 28.7	2.084	3.084	3.9	20.5
8 9	20 9.79	− 7 44.2	2.096	3.075	5.9	20.6
8 19	20 2.86	− 8 5.4	2.134	3.066	8.8	20.8
8 29	19 57.56	− 8 29.6	2.196	3.057	11.7	20.9

53632 2000 CP_{123} 7 25.8 257.°70 1.°3/25.1 18 R

6 20	20 47.09	−19 8.5	1.639	2.503	15.2	19.5
6 30	20 42.71	−19 58.6	1.557	2.493	11.6	19.3
7 10	20 35.77	−20 58.9	1.496	2.483	7.3	19.0
7 20	20 26.85	−22 4.3	1.460	2.472	2.8	18.7
7 30	20 16.98	−23 8.5	1.450	2.461	2.8	18.7
8 9	20 7.40	−24 5.1	1.466	2.450	7.4	18.9
8 19	19 59.31	−24 50.1	1.507	2.439	11.8	19.1
8 29	19 53.71	−25 21.7	1.569	2.428	15.7	19.4

66590 1999 RD_{169} 7 25.8 313.°48 0.°4/25.6 18

6 20	20 45.29	−19 30.9	1.479	2.352	16.0	18.9
6 30	20 41.77	−19 38.0	1.381	2.321	12.4	18.6
7 10	20 35.44	−19 52.7	1.302	2.290	8.0	18.2
7 20	20 26.83	−20 12.1	1.247	2.259	3.0	17.9
7 30	20 16.94	−20 31.8	1.216	2.229	2.4	17.7
8 9	20 7.18	−20 47.4	1.209	2.199	7.8	18.0
8 19	19 58.94	−20 56.1	1.226	2.169	12.9	18.2
8 29	19 53.40	−20 56.4	1.263	2.141	17.5	18.4

342235 2008 SE_{272} 7 25.8 320°.35 5°.1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.64	−25 22.5	1.444	2.328	15.7	20.0
6 30	20 40.64	−27 2.9	1.365	2.311	12.0	19.7
7 10	20 34.77	−28 52.7	1.308	2.295	8.1	19.5
7 20	20 26.57	−30 42.4	1.275	2.279	5.3	19.2
7 30	20 17.15	−32 21.5	1.266	2.263	6.5	19.3
8 9	20 7.96	−33 40.8	1.282	2.248	10.4	19.5
8 19	20 0.44	−34 35.6	1.320	2.234	14.5	19.7
8 29	19 55.81	−35 5.5	1.377	2.221	18.3	19.9

56408 2000 FH_{22} 7 25.8 6°.06 2°.2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.24	−19 26.0	1.057	1.952	19.3	18.6
6 30	20 41.46	−20 28.2	0.999	1.951	14.7	18.3
7 10	20 35.38	−21 44.3	0.959	1.952	9.3	18.0
7 20	20 26.78	−23 6.5	0.940	1.953	3.7	17.7
7 30	20 17.09	−24 24.5	0.944	1.955	3.9	17.7
8 9	20 8.10	−25 29.2	0.970	1.958	9.5	18.0
8 19	20 1.34	−26 15.2	1.017	1.962	14.8	18.3
8 29	19 57.95	−26 41.4	1.082	1.966	19.3	18.6

505901 2015 DP_{219} 7 25.8 98°.82 6°.3/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 55.66	−35 15.4	1.750	2.606	14.7	20.7
6 30	20 48.94	−35 45.8	1.692	2.615	11.6	20.5
7 10	20 39.46	−36 8.5	1.655	2.623	8.5	20.4
7 20	20 28.11	−36 16.9	1.643	2.632	6.5	20.3
7 30	20 16.21	−36 6.2	1.657	2.640	6.9	20.3
8 9	20 5.20	−35 35.3	1.696	2.648	9.4	20.5
8 19	19 56.25	−34 46.9	1.760	2.656	12.5	20.7
8 29	19 50.16	−33 45.2	1.845	2.664	15.3	20.9

249772 2000 VF_{62} 7 25.8 222°.75 9°.8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 8.08	−47 22.3	2.162	2.969	14.0	20.3
6 30	20 58.74	−48 19.7	2.085	2.955	12.1	20.2
7 10	20 45.95	−49 2.8	2.030	2.941	10.6	20.0
7 20	20 30.63	−49 22.5	1.998	2.926	9.8	20.0
7 30	20 14.34	−49 11.9	1.993	2.910	10.4	20.0
8 9	19 58.92	−48 29.6	2.013	2.893	12.0	20.0
8 19	19 45.95	−47 19.1	2.057	2.875	14.1	20.2
8 29	19 36.46	−45 47.7	2.121	2.856	16.2	20.3

386792 2010 EP_{90} 7 25.8 167°.72 1°.1/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.40	−14 36.6	2.033	2.876	13.5	22.1
6 30	20 41.49	−14 53.9	1.956	2.878	10.4	21.9
7 10	20 34.61	−15 20.6	1.901	2.880	6.7	21.7
7 20	20 26.32	−15 54.1	1.872	2.882	2.9	21.5
7 30	20 17.44	−16 31.3	1.871	2.883	1.8	21.4
8 9	20 8.92	−17 8.3	1.897	2.885	5.6	21.6
8 19	20 1.63	−17 42.3	1.950	2.886	9.3	21.9
8 29	19 56.27	−18 11.0	2.026	2.886	12.6	22.1

397015 2005 TR_{72} 7 25.8 302°.41 5°.2/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.07	−31 34.5	2.086	2.949	12.4	20.4
6 30	20 41.58	−32 42.5	2.011	2.942	9.7	20.2
7 10	20 34.85	−33 49.2	1.961	2.934	7.0	20.0
7 20	20 26.46	−34 48.5	1.935	2.927	5.3	19.9
7 30	20 17.33	−35 34.5	1.936	2.920	6.0	19.9
8 9	20 8.53	−36 3.4	1.963	2.913	8.5	20.1
8 19	20 1.07	−36 14.0	2.014	2.906	11.4	20.2
8 29	19 55.79	−36 7.8	2.087	2.899	14.0	20.4

447044 2004 RL_{88} 7 25.8 346°.24 7°.8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.71	−37 9.3	1.512	2.387	15.7	19.1
6 30	20 43.63	−37 42.5	1.442	2.373	12.7	18.9
7 10	20 36.49	−38 6.7	1.392	2.361	9.8	18.7
7 20	20 27.12	−38 14.1	1.364	2.349	8.0	18.6
7 30	20 16.88	−37 58.8	1.359	2.339	8.5	18.6
8 9	20 7.36	−37 18.8	1.378	2.331	11.1	18.7
8 19	19 59.92	−36 16.6	1.419	2.323	14.4	18.9
8 29	19 55.53	−34 57.3	1.479	2.317	17.5	19.1

261563 2005 WL_{170} 7 25.8 336°.01 2°.7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.12	−24 28.0	2.097	2.961	12.3	20.7
6 30	20 39.90	−25 19.1	2.022	2.958	9.3	20.5
7 10	20 33.67	−26 13.5	1.970	2.955	6.0	20.3
7 20	20 26.00	−27 6.5	1.944	2.952	3.1	20.1
7 30	20 17.69	−27 53.3	1.945	2.949	3.6	20.1
8 9	20 9.71	−28 29.8	1.973	2.947	6.7	20.3
8 19	20 2.95	−28 54.1	2.027	2.945	10.0	20.5
8 29	19 58.13	−29 5.8	2.103	2.943	12.9	20.7

404759 2014 JL_{38} 7 25.8 44°.53 3°.2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.65	−24 38.7	1.880	2.749	13.3	20.1
6 30	20 40.39	−25 46.7	1.824	2.762	10.0	20.0
7 10	20 33.99	−26 57.9	1.790	2.775	6.5	19.8
7 20	20 26.10	−28 6.3	1.781	2.788	3.6	19.6
7 30	20 17.64	−29 6.0	1.800	2.802	4.2	19.7
8 9	20 9.67	−29 52.5	1.845	2.816	7.3	19.9
8 19	20 3.11	−30 23.8	1.915	2.830	10.6	20.1
8 29	19 58.69	−30 40.2	2.006	2.845	13.5	20.4

389670 2011 PF_9 7 25.8 347°.40 1°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.70	−13 27.9	1.717	2.571	15.1	21.1
6 30	20 39.81	−13 37.6	1.640	2.568	11.7	20.8
7 10	20 33.73	−13 59.1	1.585	2.565	7.7	20.6
7 20	20 26.04	−14 30.2	1.554	2.562	3.6	20.3
7 30	20 17.66	−15 7.6	1.548	2.560	2.3	20.3
8 9	20 9.66	−15 47.1	1.569	2.558	6.3	20.5
8 19	20 3.02	−16 24.7	1.614	2.557	10.4	20.7
8 29	19 58.54	−16 57.6	1.681	2.556	14.0	21.0

58600 Iwamuroonsen 7 25.8 334°.53 2°.0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.55	−14 49.3	1.032	1.924	19.9	18.1
6 30	20 39.54	−14 46.7	0.960	1.908	15.5	17.8
7 10	20 34.28	−14 59.8	0.905	1.894	10.3	17.4
7 20	20 26.44	−15 26.9	0.870	1.881	4.6	17.1
7 30	20 17.32	−16 3.3	0.855	1.869	3.0	16.9
8 9	20 8.65	−16 42.7	0.863	1.858	8.8	17.2
8 19	20 2.05	−17 19.4	0.890	1.848	14.6	17.5
8 29	19 58.77	−17 48.8	0.935	1.840	19.6	17.8

398967 2013 EJ_{21} 7 25.8 2°.12 5°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.50	− 5 1.0	1.990	2.808	14.6	21.1
6 30	20 38.56	− 4 45.2	1.912	2.808	11.9	20.9
7 10	20 32.76	− 4 44.5	1.854	2.808	8.9	20.7
7 20	20 25.65	− 4 59.1	1.821	2.808	6.1	20.5
7 30	20 17.97	− 5 27.9	1.812	2.808	5.0	20.5
8 9	20 10.60	− 6 7.7	1.830	2.809	6.7	20.6
8 19	20 4.37	− 6 54.6	1.874	2.810	9.6	20.7
8 29	19 59.94	− 7 44.2	1.940	2.811	12.6	20.9

503621 2016 GL_{130} 7 25.8 31°.62 1°.2/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.86	−20 15.2	1.113	2.002	19.0	21.2
6 30	20 43.07	−20 37.6	1.064	2.012	14.4	21.0
7 10	20 36.13	−21 8.6	1.032	2.023	9.1	20.7
7 20	20 26.98	−21 42.7	1.022	2.035	3.4	20.4
7 30	20 17.08	−22 13.3	1.036	2.048	3.0	20.4
8 9	20 8.08	−22 35.4	1.072	2.061	8.5	20.8
8 19	20 1.35	−22 46.5	1.129	2.076	13.5	21.1
8 29	19 57.79	−22 46.4	1.206	2.090	17.7	21.4

153548 2001 SN_{120} 7 25.8 262°.45 4°.2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.81	− 7 44.0	1.780	2.610	15.6	20.8
6 30	20 41.46	− 7 38.4	1.689	2.596	12.6	20.6
7 10	20 34.86	− 7 48.4	1.617	2.582	9.0	20.3
7 20	20 26.53	− 8 13.6	1.570	2.567	5.6	20.1
7 30	20 17.33	− 8 52.1	1.548	2.552	4.3	20.0
8 9	20 8.34	− 9 40.2	1.552	2.537	7.0	20.1
8 19	20 0.60	−10 33.3	1.581	2.521	10.8	20.3
8 29	19 54.99	−11 26.6	1.634	2.506	14.5	20.5

263319 2008 CT_{43} 7 25.8 117°.00 1°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.26	−21 56.6	2.212	3.068	12.1	21.3
6 30	20 40.55	−22 31.3	2.140	3.072	9.1	21.1
7 10	20 33.98	−23 9.9	2.091	3.076	5.7	20.9
7 20	20 26.11	−23 48.8	2.068	3.079	2.4	20.7
7 30	20 17.70	−24 24.1	2.073	3.082	2.5	20.7
8 9	20 9.66	−24 52.5	2.106	3.086	5.8	20.9
8 19	20 2.79	−25 12.2	2.164	3.089	9.1	21.1
8 29	19 57.76	−25 22.7	2.247	3.092	12.0	21.3

31618 Tharakan 7 25.8 83°.07 4°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.91	−25 15.9	1.346	2.225	17.0	18.1
6 30	20 45.23	−26 26.2	1.289	2.232	12.9	17.9
7 10	20 37.50	−27 41.2	1.253	2.239	8.4	17.6
7 20	20 27.53	−28 52.0	1.239	2.246	4.8	17.4
7 30	20 16.69	−29 50.0	1.251	2.253	5.5	17.5
8 9	20 6.55	−30 29.3	1.287	2.260	9.5	17.7
8 19	19 58.51	−30 48.2	1.345	2.267	13.7	18.0
8 29	19 53.54	−30 48.4	1.423	2.274	17.4	18.3

380295 2002 CS_{186} 7 25.8 154°.74 0°.4/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.08	−16 19.3	1.932	2.781	13.9	21.9
6 30	20 42.12	−16 44.9	1.858	2.785	10.6	21.7
7 10	20 35.08	−17 19.2	1.807	2.788	6.8	21.5
7 20	20 26.55	−17 59.3	1.781	2.792	2.6	21.3
7 30	20 17.40	−18 40.9	1.782	2.795	1.7	21.2
8 9	20 8.64	−19 20.2	1.811	2.798	5.9	21.5
8 19	20 1.21	−19 54.0	1.866	2.801	9.7	21.7
8 29	19 55.83	−20 20.6	1.944	2.803	13.1	21.9

211950 2004 XM_{121} 7 25.8 114°.52 0°.4/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.22	−18 20.8	1.512	2.374	16.3	20.6
6 30	20 44.96	−18 48.2	1.450	2.384	12.4	20.3
7 10	20 37.07	−19 24.3	1.409	2.394	7.8	20.1
7 20	20 27.32	−20 4.8	1.392	2.404	2.9	19.8
7 30	20 16.87	−20 44.2	1.401	2.413	2.3	19.8
8 9	20 7.06	−21 17.8	1.435	2.422	7.1	20.1
8 19	19 59.05	−21 42.8	1.495	2.431	11.5	20.4
8 29	19 53.69	−21 58.1	1.575	2.440	15.3	20.7

279848 2000 XJ_{22} 7 25.8 301°.08 10°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 50.79	−39 45.8	1.605	2.469	15.5	19.7
6 30	20 46.40	−41 21.4	1.529	2.447	12.9	19.5
7 10	20 38.63	−42 50.6	1.474	2.426	10.8	19.3
7 20	20 28.13	−44 2.9	1.441	2.404	10.0	19.2
7 30	20 16.23	−44 48.1	1.432	2.383	11.0	19.3
8 9	20 4.70	−45 1.1	1.445	2.362	13.5	19.3
8 19	19 55.24	−44 42.1	1.478	2.341	16.4	19.5
8 29	19 49.15	−43 56.1	1.530	2.320	19.2	19.6

268877 2007 AW_{23} 7 25.8 197°.41 1°.3/26.5 18

6 20	20 47.93	−14 10.9	1.950	2.791	14.0	21.7
6 30	20 42.81	−14 28.3	1.868	2.788	10.8	21.5
7 10	20 35.57	−14 56.0	1.808	2.786	7.1	21.2
7 20	20 26.77	−15 31.5	1.773	2.782	3.1	21.0
7 30	20 17.28	−16 11.3	1.766	2.778	2.0	20.9
8 9	20 8.12	−16 51.4	1.786	2.774	5.9	21.1
8 19	20 0.22	−17 28.5	1.833	2.769	9.8	21.4
8 29	19 54.38	−18 0.1	1.903	2.764	13.2	21.6

366478 2002 GQ_{189} 7 25.8 123°.36 2°.4/26.9 17

6 20	20 51.19	−12 50.5	1.629	2.472	16.3	21.4
6 30	20 45.41	−12 44.6	1.566	2.485	12.6	21.2
7 10	20 37.22	−12 50.2	1.523	2.498	8.4	21.0
7 20	20 27.37	−13 5.6	1.504	2.510	4.2	20.8
7 30	20 16.92	−13 27.8	1.512	2.522	2.9	20.7
8 9	20 7.09	−13 53.1	1.546	2.534	6.6	21.0
8 19	19 58.91	−14 18.3	1.606	2.544	10.7	21.2
8 29	19 53.19	−14 40.9	1.688	2.555	14.3	21.5

509229 2006 SR_{404} 7 25.8 295°.12 0°.3/25.7 18

6 20	20 48.92	−19 42.4	1.446	2.316	16.5	21.7
6 30	20 44.64	−19 44.0	1.350	2.288	12.8	21.4
7 10	20 37.37	−19 52.6	1.274	2.260	8.3	21.1
7 20	20 27.65	−20 4.9	1.220	2.233	3.2	20.7
7 30	20 16.60	−20 16.7	1.192	2.205	2.4	20.6
8 9	20 5.70	−20 24.0	1.188	2.177	8.0	20.8
8 19	19 56.44	−20 24.4	1.207	2.149	13.2	21.0
8 29	19 50.05	−20 17.1	1.247	2.121	17.9	21.2

350936 2002 TM_{365} 7 25.8 225°.33 1°.7/24.7 18

6 20	20 46.23	−22 12.4	2.119	2.975	12.5	21.6
6 30	20 41.48	−22 51.7	2.039	2.971	9.5	21.4
7 10	20 34.70	−23 35.6	1.982	2.966	6.0	21.2
7 20	20 26.46	−24 19.9	1.951	2.962	2.6	21.0
7 30	20 17.56	−25 0.2	1.948	2.957	2.7	21.0
8 9	20 8.97	−25 32.9	1.972	2.952	6.2	21.2
8 19	20 1.60	−25 55.7	2.023	2.946	9.7	21.4
8 29	19 56.17	−26 8.1	2.096	2.941	12.8	21.6

250275 2003 GS_{47} 7 25.8 19°.11 14°.5/18.5 16

6 20	20 56.82	−54 17.9	1.603	2.424	17.5	19.1
6 30	20 51.32	−55 49.1	1.573	2.433	15.9	19.0
7 10	20 41.67	−56 56.8	1.560	2.443	14.8	18.9
7 20	20 29.12	−57 31.0	1.567	2.454	14.5	18.9
7 30	20 15.78	−57 25.4	1.594	2.466	15.1	19.0
8 9	20 3.95	−56 40.7	1.640	2.479	16.2	19.1
8 19	19 55.33	−55 22.6	1.703	2.493	17.7	19.3
8 29	19 50.80	−53 39.6	1.783	2.507	19.2	19.4

289721 2005 JE_{13} 7 25.8 285°.51 2°.9/24.5 18

6 20	20 48.54	−23 17.8	1.474	2.348	16.0	21.0
6 30	20 44.33	−24 0.0	1.386	2.327	12.3	20.7
7 10	20 37.13	−24 49.1	1.319	2.306	8.0	20.4
7 20	20 27.56	−25 39.2	1.275	2.285	3.7	20.1
7 30	20 16.72	−26 23.1	1.256	2.264	4.1	20.0
8 9	20 6.13	−26 54.9	1.262	2.242	8.7	20.3
8 19	19 57.24	−27 11.4	1.291	2.221	13.5	20.5
8 29	19 51.24	−27 12.6	1.340	2.200	17.7	20.7

185027 2006 QP_{64} 7 25.8 35°.74 0°.9/26.3 18

6 20	20 45.16	−15 36.3	1.944	2.795	13.7	20.6
6 30	20 40.68	−15 49.5	1.869	2.796	10.5	20.4
7 10	20 34.19	−16 11.4	1.816	2.797	6.8	20.1
7 20	20 26.26	−16 39.7	1.787	2.798	2.8	19.9
7 30	20 17.74	−17 11.0	1.786	2.799	1.8	19.8
8 9	20 9.59	−17 41.8	1.812	2.800	5.7	20.1
8 19	20 2.70	−18 9.4	1.863	2.801	9.5	20.3
8 29	19 57.80	−18 31.6	1.937	2.802	12.8	20.5

198220 2004 TQ_{175} 7 25.8 263°.10 1°.6/26.7 18

6 20	20 46.73	−13 50.3	1.955	2.797	14.0	21.5
6 30	20 42.06	−13 57.5	1.858	2.779	10.9	21.2
7 10	20 35.23	−14 14.9	1.784	2.761	7.3	21.0
7 20	20 26.74	−14 40.8	1.734	2.742	3.3	20.7
7 30	20 17.40	−15 12.3	1.711	2.723	2.2	20.6
8 9	20 8.24	−15 45.8	1.715	2.703	6.1	20.8
8 19	20 0.25	−16 18.2	1.746	2.683	10.1	21.0
8 29	19 54.28	−16 46.7	1.799	2.663	13.7	21.2

118397 1999 RO_{45} 7 25.8 117°.47 3°.3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.22	− 8 36.9	2.355	3.174	12.6	20.1
6 30	20 39.56	− 8 23.9	2.278	3.179	10.0	19.9
7 10	20 33.29	− 8 21.5	2.223	3.184	7.1	19.8
7 20	20 25.90	− 8 29.3	2.194	3.189	4.4	19.6
7 30	20 18.06	− 8 45.9	2.192	3.194	3.4	19.6
8 9	20 10.53	− 9 9.0	2.217	3.199	5.4	19.7
8 19	20 4.01	− 9 36.0	2.269	3.204	8.3	19.9
8 29	19 59.08	−10 4.3	2.346	3.208	11.0	20.1

478648 2012 TA_{220} 7 25.8 22°.82 10°.4/21.7 16

6 20	20 51.43	−40 16.9	1.327	2.201	17.5	20.4
6 30	20 46.80	−41 29.4	1.284	2.208	14.4	20.3
7 10	20 38.64	−42 28.8	1.260	2.217	11.7	20.1
7 20	20 28.01	−43 5.0	1.257	2.227	10.4	20.1
7 30	20 16.62	−43 10.5	1.276	2.238	11.1	20.2
8 9	20 6.37	−42 43.9	1.317	2.249	13.3	20.3
8 19	19 58.74	−41 49.3	1.379	2.262	16.1	20.5
8 29	19 54.63	−40 33.7	1.458	2.275	18.8	20.8

356652 2011 UX_{61} 7 25.8 301°.32 0°.7/26.3 18

6 20	20 44.03	−15 50.3	1.995	2.847	13.4	21.2
6 30	20 39.90	−16 6.1	1.910	2.837	10.3	21.0
7 10	20 33.76	−16 30.7	1.846	2.828	6.7	20.8
7 20	20 26.15	−17 1.7	1.808	2.818	2.7	20.5
7 30	20 17.86	−17 35.9	1.796	2.809	1.7	20.4
8 9	20 9.85	−18 9.5	1.811	2.800	5.7	20.7
8 19	20 3.00	−18 39.8	1.852	2.791	9.6	20.9
8 29	19 58.07	−19 4.3	1.917	2.782	12.9	21.1

349814 2009 BL_{157} 7 25.8 276°.60 2°.8/24.5 18

6 20	20 49.83	−25 56.4	2.033	2.889	13.0	21.6
6 30	20 44.53	−26 19.5	1.933	2.864	10.0	21.4
7 10	20 36.87	−26 43.8	1.857	2.839	6.5	21.1
7 20	20 27.38	−27 5.2	1.805	2.813	3.3	20.9
7 30	20 16.96	−27 19.0	1.782	2.787	3.6	20.8
8 9	20 6.75	−27 22.2	1.785	2.761	7.1	21.0
8 19	19 57.83	−27 13.6	1.814	2.734	10.9	21.2
8 29	19 51.12	−26 54.0	1.866	2.707	14.3	21.3

106487 2000 WH_{24} 7 25.8 160°.84 2°.9/23.6 18

6 20	20 45.44	−25 56.9	2.466	3.321	11.0	19.9
6 30	20 40.65	−26 55.3	2.394	3.324	8.3	19.7
7 10	20 34.07	−27 55.5	2.346	3.327	5.5	19.5
7 20	20 26.23	−28 53.0	2.325	3.329	3.2	19.4
7 30	20 17.83	−29 43.3	2.332	3.332	3.7	19.4
8 9	20 9.73	−30 23.0	2.367	3.334	6.3	19.6
8 19	20 2.70	−30 50.4	2.429	3.335	9.1	19.8
8 29	19 57.39	−31 5.5	2.514	3.337	11.6	19.9

280121 2002 JG_{9} 7 25.8 357°.02 8°.8/30.4 16

6 20	20 39.87	− 0 21.7	1.334	2.166	19.8	19.5
6 30	20 37.42	+ 0 19.7	1.265	2.162	16.7	19.3
7 10	20 32.50	+ 0 36.4	1.213	2.158	13.3	19.1
7 20	20 25.75	+ 0 25.4	1.180	2.156	10.2	18.9
7 30	20 18.17	− 0 13.2	1.169	2.155	8.8	18.8
8 9	20 11.01	− 1 15.1	1.180	2.155	10.0	18.9
8 19	20 5.40	− 2 33.2	1.213	2.157	13.0	19.1
8 29	20 2.25	− 3 58.8	1.267	2.159	16.4	19.3

430145 2013 TY_{46} 7 25.8 327°.30 2°.5/24.9 18

6 20	20 43.64	−22 48.0	1.145	2.040	18.1	20.4
6 30	20 41.17	−23 11.7	1.066	2.018	13.9	20.1
7 10	20 35.42	−23 42.6	1.005	1.997	9.0	19.7
7 20	20 27.00	−24 15.0	0.965	1.977	3.9	19.4
7 30	20 17.23	−24 42.0	0.948	1.958	4.0	19.3
8 9	20 7.83	−24 57.6	0.952	1.940	9.5	19.6
8 19	20 0.47	−24 58.8	0.977	1.924	14.9	19.8
8 29	19 56.44	−24 45.7	1.019	1.909	19.8	20.0

184471 2005 NU_{100} 7 25.8 329°.35 0°.4/25.7 18

6 20	20 43.52	−19 5.3	1.210	2.097	17.9	19.2
6 30	20 40.79	−19 13.7	1.131	2.079	13.8	18.8
7 10	20 35.00	−19 31.7	1.071	2.061	8.9	18.5
7 20	20 26.80	−19 55.8	1.032	2.045	3.4	18.1
7 30	20 17.40	−20 20.8	1.016	2.029	2.6	18.0
8 9	20 8.38	−20 41.7	1.023	2.015	8.4	18.3
8 19	20 1.26	−20 54.7	1.051	2.001	13.8	18.6
8 29	19 57.20	−20 58.4	1.098	1.989	18.5	18.8

176777 2002 RA_{236} 7 25.8 46°.71 1°.5/25.3 17

6 20	20 49.91	−21 51.3	1.317	2.193	17.4	20.4
6 30	20 45.07	−22 3.2	1.260	2.202	13.2	20.2
7 10	20 37.32	−22 20.1	1.223	2.211	8.3	19.9
7 20	20 27.51	−22 37.4	1.208	2.220	3.2	19.7
7 30	20 17.00	−22 50.1	1.218	2.230	2.9	19.7
8 9	20 7.30	−22 54.8	1.253	2.240	7.9	20.0
8 19	19 59.67	−22 50.1	1.310	2.250	12.5	20.3
8 29	19 55.00	−22 36.7	1.389	2.261	16.5	20.6

168122 2006 FV_{34} 7 25.8 75°.73 5°.3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.09	− 7 11.5	1.344	2.188	19.0	19.9
6 30	20 43.51	− 6 52.4	1.285	2.199	15.2	19.7
7 10	20 36.26	− 6 52.6	1.244	2.210	10.9	19.5
7 20	20 27.12	− 7 11.8	1.224	2.221	6.9	19.3
7 30	20 17.27	− 7 47.6	1.228	2.232	5.3	19.2
8 9	20 8.06	− 8 34.8	1.257	2.243	8.1	19.4
8 19	20 0.68	− 9 27.6	1.309	2.254	12.1	19.7
8 29	19 55.97	−10 20.2	1.382	2.265	16.0	19.9

396305 2014 DQ_{27} 7 25.8 120°.94 1°.8/26.9 18

6 20	20 45.44	−12 36.5	1.967	2.808	14.0	21.0
6 30	20 40.85	−12 54.3	1.893	2.813	10.8	20.8
7 10	20 34.29	−13 23.4	1.842	2.818	7.2	20.6
7 20	20 26.34	−14 1.5	1.816	2.823	3.4	20.4
7 30	20 17.81	−14 45.1	1.817	2.828	2.2	20.3
8 9	20 9.66	−15 30.3	1.845	2.833	5.7	20.5
8 19	20 2.75	−16 13.5	1.899	2.838	9.3	20.8
8 29	19 57.77	−16 51.8	1.976	2.842	12.6	21.0

131764 2002 AZ_{11} 7 25.8 268°.03 1°.8/25.1 18

6 20	20 49.45	−21 2.7	1.445	2.316	16.5	20.4
6 30	20 44.95	−21 36.6	1.362	2.301	12.6	20.1
7 10	20 37.50	−22 18.8	1.300	2.287	8.1	19.8
7 20	20 27.72	−23 4.2	1.260	2.272	3.2	19.5
7 30	20 16.76	−23 46.0	1.246	2.257	3.2	19.5
8 9	20 6.14	−24 18.8	1.257	2.241	8.2	19.7
8 19	19 57.28	−24 39.2	1.291	2.226	13.1	20.0
8 29	19 51.30	−24 46.6	1.345	2.210	17.4	20.2

280857 2005 UW_{300} 7 25.8 197°.11 3°.3/23.3 18

6 20	20 45.35	−27 9.4	2.399	3.257	11.2	21.0
6 30	20 40.67	−28 8.8	2.325	3.256	8.5	20.8
7 10	20 34.15	−29 9.4	2.275	3.255	5.7	20.6
7 20	20 26.29	−30 6.6	2.251	3.254	3.5	20.5
7 30	20 17.84	−30 55.5	2.256	3.252	4.1	20.5
8 9	20 9.67	−31 32.8	2.288	3.251	6.7	20.7
8 19	20 2.61	−31 56.8	2.346	3.249	9.5	20.8
8 29	19 57.33	−32 7.7	2.427	3.248	12.0	21.0

60525 2000 EW_{40} 7 25.8 120°.72 4°.8/29.2 18

6 20	20 43.95	− 3 35.1	2.106	2.912	14.4	19.4
6 30	20 39.57	− 3 38.2	2.030	2.918	11.7	19.3
7 10	20 33.41	− 3 57.6	1.976	2.924	8.7	19.1
7 20	20 26.00	− 4 33.0	1.945	2.930	6.0	18.9
7 30	20 18.06	− 5 22.3	1.941	2.936	4.8	18.9
8 9	20 10.45	− 6 21.7	1.963	2.942	6.3	19.0
8 19	20 3.93	− 7 26.6	2.012	2.947	9.1	19.2
8 29	19 59.15	− 8 32.3	2.086	2.953	12.0	19.4

505694 2014 WB_{492} 7 25.8 255°.70 5°.5/23.6 17

6 20	20 53.53	−30 37.9	1.529	2.397	15.9	20.8
6 30	20 48.03	−31 19.7	1.453	2.387	12.4	20.5
7 10	20 39.39	−31 59.6	1.398	2.377	8.6	20.3
7 20	20 28.39	−32 29.9	1.366	2.366	5.8	20.1
7 30	20 16.34	−32 43.6	1.360	2.355	6.4	20.1
8 9	20 4.85	−32 37.1	1.379	2.344	9.8	20.3
8 19	19 55.38	−32 10.9	1.420	2.333	13.8	20.5
8 29	19 49.01	−31 28.4	1.482	2.322	17.4	20.7

185493 2007 PO_{42} 7 25.8 316°.19 3°.1/26.9 18

6 20	20 42.94	−13 32.5	1.105	1.988	19.5	19.3
6 30	20 40.76	−13 15.9	1.014	1.956	15.5	18.9
7 10	20 35.32	−13 14.2	0.940	1.925	10.7	18.6
7 20	20 27.07	−13 27.4	0.886	1.895	5.3	18.2
7 30	20 17.16	−13 53.2	0.853	1.865	3.7	18.0
8 9	20 7.28	−14 26.7	0.842	1.836	9.1	18.2
8 19	19 59.20	−15 2.5	0.851	1.808	15.2	18.4
8 29	19 54.43	−15 35.4	0.877	1.782	20.7	18.6

66440 1999 NF_{56} 7 25.8 314°.40 5°.2/27.5 18

6 20	20 47.99	− 9 29.6	1.633	2.471	16.5	17.9
6 30	20 43.24	− 8 30.3	1.549	2.461	13.3	17.7
7 10	20 36.07	− 7 41.6	1.486	2.451	9.6	17.4
7 20	20 27.09	− 7 5.1	1.447	2.442	6.3	17.2
7 30	20 17.28	− 6 41.5	1.432	2.432	5.3	17.1
8 9	20 7.84	− 6 30.1	1.443	2.424	7.9	17.3
8 19	19 59.85	− 6 29.0	1.478	2.415	11.6	17.5
8 29	19 54.22	− 6 34.9	1.535	2.407	15.2	17.7

86832 2000 GU_{152} 7 25.9 202°.40 0°.1/25.9 18

6 20	20 49.97	−18 30.3	1.839	2.690	14.3	19.6
6 30	20 44.52	−18 37.2	1.759	2.687	11.0	19.4
7 10	20 36.75	−18 50.4	1.701	2.684	7.0	19.1
7 20	20 27.31	−19 7.1	1.669	2.680	2.7	18.8
7 30	20 17.15	−19 24.0	1.664	2.677	1.9	18.8
8 9	20 7.40	−19 37.8	1.686	2.672	6.3	19.1
8 19	19 59.09	−19 46.6	1.733	2.668	10.4	19.3
8 29	19 53.05	−19 49.6	1.804	2.663	13.9	19.5

128788 2004 RS_{214} 7 25.9 333°.86 4°.3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 43.97	− 8 4.1	2.056	2.882	14.0	19.4
6 30	20 39.69	− 7 32.2	1.973	2.876	11.2	19.2
7 10	20 33.56	− 7 11.7	1.911	2.871	8.2	19.0
7 20	20 26.08	− 7 2.9	1.873	2.866	5.3	18.8
7 30	20 18.02	− 7 5.4	1.861	2.861	4.4	18.7
8 9	20 10.25	− 7 17.4	1.876	2.857	6.4	18.8
8 19	20 3.60	− 7 36.1	1.917	2.853	9.5	19.0
8 29	19 58.74	− 7 58.6	1.981	2.849	12.5	19.2

48983 1998 QM_{46} 7 25.9 11°.62 2°.7/24.9 18

6 20	20 46.35	−24 2.0	1.093	1.988	18.8	17.6
6 30	20 42.95	−24 15.7	1.038	1.990	14.3	17.4
7 10	20 36.25	−24 33.1	1.002	1.994	9.1	17.1
7 20	20 27.19	−24 48.3	0.987	1.999	4.0	16.8
7 30	20 17.28	−24 55.5	0.994	2.005	4.0	16.9
8 9	20 8.26	−24 50.9	1.024	2.012	9.1	17.2
8 19	20 1.57	−24 34.1	1.075	2.020	14.0	17.5
8 29	19 58.16	−24 6.6	1.144	2.030	18.3	17.8

28955 Kaliadeborah 7 25.9 63°.51 0°.8/26.2 18

6 20	20 49.39	−16 37.4	1.331	2.198	17.8	19.3
6 30	20 44.54	−16 44.8	1.276	2.212	13.6	19.0
7 10	20 36.92	−17 2.8	1.241	2.226	8.7	18.8
7 20	20 27.37	−17 27.9	1.228	2.240	3.4	18.5
7 30	20 17.17	−17 55.3	1.240	2.254	2.2	18.5
8 9	20 7.75	−18 20.6	1.277	2.268	7.3	18.8
8 19	20 0.30	−18 40.7	1.338	2.282	12.0	19.1
8 29	19 55.67	−18 54.0	1.419	2.296	15.9	19.4

122225 2000 NO_{24} 7 25.9 30°.61 1°.7/26.3 17

6 20	20 49.46	−18 17.0	0.906	1.802	21.7	17.9
6 30	20 45.32	−17 32.5	0.867	1.817	16.6	17.7
7 10	20 37.66	−16 57.5	0.844	1.834	10.7	17.4
7 20	20 27.65	−16 30.4	0.840	1.852	4.5	17.2
7 30	20 17.05	−16 9.1	0.858	1.871	3.0	17.1
8 9	20 7.72	−15 51.2	0.897	1.892	8.7	17.5
8 19	20 1.07	−15 35.3	0.957	1.913	14.1	17.9
8 29	19 57.93	−15 19.6	1.035	1.936	18.6	18.3

208108 2000 BS_{42} 7 25.9 310°.02 0°.3/26.0 18

6 20	20 44.57	−15 56.1	1.835	2.690	14.2	20.6
6 30	20 40.46	−16 32.7	1.757	2.687	10.8	20.3
7 10	20 34.21	−17 20.0	1.700	2.683	7.0	20.1
7 20	20 26.38	−18 14.4	1.669	2.680	2.7	19.8
7 30	20 17.83	−19 11.2	1.664	2.677	1.8	19.8
8 9	20 9.61	−20 5.3	1.686	2.674	6.1	20.0
8 19	20 2.67	−20 53.0	1.733	2.671	10.2	20.3
8 29	19 57.83	−21 31.5	1.804	2.668	13.7	20.5

319081 2005 WA_{113} 7 25.9 289°.76 3°.6/23.0 18

6 20	20 45.18	−25 50.5	2.195	3.056	12.0	20.4
6 30	20 40.96	−27 5.1	2.098	3.031	9.2	20.1
7 10	20 34.61	−28 24.9	2.025	3.007	6.1	19.9
7 20	20 26.58	−29 44.0	1.979	2.982	3.8	19.7
7 30	20 17.64	−30 56.3	1.960	2.957	4.5	19.7
8 9	20 8.77	−31 56.4	1.969	2.932	7.5	19.8
8 19	20 0.95	−32 41.1	2.003	2.907	10.8	20.0
8 29	19 55.08	−33 9.6	2.060	2.882	13.8	20.2

343974 2011 LU_{15} 7 25.9 351°.34 2°.8/24.7 17

6 20	20 44.56	−23 53.9	1.321	2.208	16.7	20.3
6 30	20 41.28	−24 19.9	1.254	2.201	12.7	20.1
7 10	20 35.11	−24 50.2	1.206	2.196	8.2	19.8
7 20	20 26.79	−25 19.3	1.180	2.191	3.7	19.5
7 30	20 17.57	−25 41.2	1.179	2.188	4.0	19.5
8 9	20 8.93	−25 51.6	1.200	2.185	8.5	19.8
8 19	20 2.19	−25 48.9	1.244	2.184	13.1	20.0
8 29	19 58.33	−25 33.7	1.308	2.184	17.1	20.3

74487 1999 CE_{105} 7 25.9 18°.34 4°.2/27.9 18

6 20	20 46.19	− 7 40.6	2.482	3.290	12.4	17.6
6 30	20 40.99	− 6 52.2	2.399	3.291	10.0	17.4
7 10	20 34.19	− 6 12.6	2.339	3.292	7.3	17.3
7 20	20 26.29	− 5 42.6	2.305	3.293	5.0	17.1
7 30	20 17.94	− 5 22.4	2.299	3.293	4.3	17.1
8 9	20 9.89	− 5 11.3	2.321	3.294	5.9	17.2
8 19	20 2.82	− 5 7.8	2.370	3.295	8.4	17.3
8 29	19 57.30	− 5 10.0	2.443	3.296	10.9	17.5

96977 1999 TH_{197} 7 25.9 177°.89 6°.5/22.4 18

6 20	20 52.74	−36 12.8	2.004	2.856	13.3	19.0
6 30	20 46.73	−37 3.5	1.938	2.857	10.6	18.8
7 10	20 38.19	−37 47.8	1.895	2.857	8.1	18.6
7 20	20 27.85	−38 19.1	1.877	2.858	6.6	18.5
7 30	20 16.84	−38 31.9	1.885	2.858	7.2	18.6
8 9	20 6.43	−38 24.2	1.919	2.858	9.4	18.7
8 19	19 57.73	−37 57.0	1.976	2.857	12.0	18.9
8 29	19 51.57	−37 13.7	2.055	2.857	14.6	19.1

31948 2000 GH_{110} 7 25.9 304.°72 0.°3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.29	−19 13.9	1.217	2.097	18.3	18.9
6 30	20 44.42	−19 20.0	1.141	2.084	14.1	18.6
7 10	20 37.33	−19 35.1	1.083	2.072	9.1	18.3
7 20	20 27.71	−19 55.5	1.048	2.060	3.4	17.9
7 30	20 16.88	−20 15.9	1.035	2.048	2.6	17.8
8 9	20 6.52	−20 31.4	1.046	2.037	8.5	18.1
8 19	19 58.19	−20 39.2	1.079	2.026	13.9	18.4
8 29	19 53.06	−20 38.3	1.132	2.016	18.6	18.6

445489 2010 VY_{175} 7 25.9 223.°43 3.°1/27.7 18

6 20	20 44.75	− 9 31.5	2.593	3.409	11.7	21.2
6 30	20 39.90	− 9 9.3	2.504	3.405	9.3	21.1
7 10	20 33.52	− 8 55.6	2.439	3.400	6.6	20.9
7 20	20 26.05	− 8 50.2	2.399	3.396	4.0	20.7
7 30	20 18.12	− 8 52.5	2.388	3.391	3.2	20.7
8 9	20 10.42	− 9 0.8	2.405	3.385	5.1	20.8
8 19	20 3.62	− 9 13.3	2.449	3.380	7.9	20.9
8 29	19 58.29	− 9 27.9	2.517	3.375	10.5	21.1

311452 2005 UG_{325} 7 25.9 186.°64 0.°6/25.4 18

6 20	20 44.91	−20 0.8	2.915	3.756	9.9	22.1
6 30	20 39.92	−20 25.8	2.832	3.755	7.5	22.0
7 10	20 33.49	−20 54.7	2.773	3.754	4.7	21.8
7 20	20 26.03	−21 24.8	2.741	3.753	1.8	21.6
7 30	20 18.15	−21 53.7	2.739	3.751	1.5	21.6
8 9	20 10.50	−22 18.9	2.767	3.749	4.5	21.8
8 19	20 3.70	−22 38.8	2.822	3.746	7.3	22.0
8 29	19 58.28	−22 52.7	2.902	3.743	9.7	22.1

387046 2012 TO_{11} 7 25.9 41.°15 4.°4/28.3 17

6 20	20 44.93	− 7 17.0	1.807	2.636	15.5	20.7
6 30	20 40.63	− 7 4.4	1.732	2.638	12.4	20.5
7 10	20 34.25	− 7 6.7	1.677	2.639	9.0	20.3
7 20	20 26.39	− 7 23.7	1.647	2.642	5.7	20.1
7 30	20 17.89	− 7 53.6	1.642	2.644	4.5	20.1
8 9	20 9.78	− 8 32.9	1.662	2.646	6.7	20.2
8 19	20 2.96	− 9 17.4	1.709	2.648	10.1	20.4
8 29	19 58.17	−10 2.8	1.778	2.651	13.4	20.6

110188 2001 ST_{178} 7 25.9 290.°27 3.°8/28.4 18

6 20	20 42.81	− 6 47.4	2.049	2.872	14.1	19.7
6 30	20 38.93	− 6 53.9	1.958	2.861	11.3	19.4
7 10	20 33.16	− 7 15.3	1.889	2.850	8.2	19.2
7 20	20 26.00	− 7 51.2	1.843	2.839	5.1	19.0
7 30	20 18.15	− 8 39.3	1.824	2.828	3.9	18.9
8 9	20 10.52	− 9 35.9	1.832	2.817	6.1	19.0
8 19	20 3.93	−10 36.5	1.866	2.806	9.4	19.2
8 29	19 59.12	−11 36.7	1.924	2.796	12.6	19.4

23515 1992 RF_{2} 7 25.9 270.°71 3.°1/27.3 18

6 20	20 47.03	−11 7.6	1.552	2.400	16.7	19.1
6 30	20 42.79	−11 6.9	1.464	2.386	13.2	18.9
7 10	20 35.98	−11 21.0	1.397	2.372	9.1	18.6
7 20	20 27.16	−11 48.7	1.352	2.357	4.8	18.3
7 30	20 17.32	−12 27.2	1.332	2.342	3.4	18.2
8 9	20 7.73	−13 11.9	1.338	2.327	7.2	18.4
8 19	19 59.60	−13 58.0	1.368	2.312	11.8	18.6
8 29	19 53.96	−14 41.4	1.420	2.297	15.9	18.8

292608 2006 TA_{117} 7 25.9 22.°82 2.°8/27.7 17

6 20	20 42.10	− 9 23.4	1.636	2.484	16.0	19.8
6 30	20 38.67	− 9 52.0	1.569	2.490	12.5	19.6
7 10	20 33.10	−10 37.5	1.523	2.497	8.6	19.4
7 20	20 25.97	−11 37.5	1.500	2.505	4.5	19.2
7 30	20 18.22	−12 47.4	1.503	2.513	3.0	19.1
8 9	20 10.90	−14 1.0	1.532	2.522	6.3	19.3
8 19	20 4.96	−15 12.5	1.585	2.531	10.3	19.6
8 29	20 1.16	−16 17.4	1.661	2.541	13.8	19.8

510712 2012 VF_{11} 7 25.9 76.°97 1.°3/26.6 17

6 20	20 46.49	−14 46.8	1.785	2.636	14.7	21.8
6 30	20 41.82	−14 56.5	1.717	2.643	11.3	21.6
7 10	20 35.00	−15 16.1	1.670	2.650	7.4	21.4
7 20	20 26.67	−15 43.1	1.648	2.657	3.2	21.1
7 30	20 17.75	−16 14.2	1.652	2.665	2.0	21.1
8 9	20 9.30	−16 45.5	1.683	2.672	6.0	21.3
8 19	20 2.25	−17 14.0	1.739	2.679	10.0	21.6
8 29	19 57.35	−17 37.4	1.818	2.687	13.4	21.8

207270 2005 EA_{293} 7 25.9 141.°22 6.°3/21.7 18

6 20	20 51.30	−36 15.3	2.199	3.049	12.4	20.7
6 30	20 45.45	−37 21.1	2.140	3.056	9.9	20.5
7 10	20 37.31	−38 21.0	2.104	3.063	7.6	20.4
7 20	20 27.54	−39 8.7	2.093	3.070	6.4	20.3
7 30	20 17.15	−39 39.0	2.109	3.076	7.0	20.4
8 9	20 7.28	−39 49.4	2.152	3.082	9.0	20.5
8 19	19 58.94	−39 40.4	2.218	3.088	11.4	20.7
8 29	19 52.90	−39 14.8	2.306	3.093	13.6	20.9

512898 2016 WF_{42} 7 25.9 231.°79 2.°4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.14	−11 58.9	2.392	3.221	12.2	21.0
6 30	20 40.35	−11 46.3	2.305	3.216	9.5	20.8
7 10	20 33.89	−11 41.9	2.241	3.211	6.5	20.6
7 20	20 26.23	−11 44.9	2.203	3.206	3.5	20.4
7 30	20 18.06	−11 54.1	2.192	3.201	2.6	20.3
8 9	20 10.15	−12 7.3	2.210	3.195	5.2	20.5
8 19	20 3.23	−12 22.6	2.255	3.190	8.3	20.7
8 29	19 57.91	−12 37.9	2.324	3.184	11.1	20.8

330008 2005 TS_{190} 7 25.9 258.°09 0.°4/25.6 17

6 20	20 45.08	−19 16.4	2.569	3.413	11.0	23.2
6 30	20 40.37	−19 38.7	2.470	3.395	8.3	23.0
7 10	20 33.96	−20 6.0	2.395	3.377	5.3	22.8
7 20	20 26.29	−20 36.0	2.347	3.358	2.0	22.5
7 30	20 18.01	−21 5.6	2.327	3.339	1.6	22.5
8 9	20 9.88	−21 32.1	2.336	3.320	5.0	22.7
8 19	20 2.65	−21 53.3	2.372	3.300	8.3	22.8
8 29	19 56.98	−22 8.2	2.433	3.281	11.2	23.0

13854 1999 XX_{104} 7 25.9 164.°88 0.°8/26.3 18 R

6 20	20 49.40	−16 3.0	1.792	2.640	14.8	19.4
6 30	20 44.09	−16 15.7	1.719	2.644	11.3	19.2
7 10	20 36.50	−16 37.5	1.667	2.647	7.3	19.0
7 20	20 27.26	−17 5.4	1.639	2.650	3.0	18.7
7 30	20 17.36	−17 35.8	1.639	2.652	1.9	18.6
8 9	20 7.90	−18 4.8	1.666	2.654	6.2	18.9
8 19	19 59.89	−18 29.7	1.719	2.655	10.3	19.2
8 29	19 54.14	−18 48.6	1.794	2.656	13.8	19.4

5767 Moldun 7 25.9 5.°64 4.°8/27.9 18

6 20	20 40.22	− 9 37.9	0.962	1.849	21.5	16.5
6 30	20 38.45	− 9 22.1	0.906	1.848	17.1	16.2
7 10	20 33.54	− 9 28.9	0.867	1.848	12.0	15.9
7 20	20 26.28	− 9 57.9	0.846	1.851	6.9	15.7
7 30	20 18.05	−10 45.2	0.845	1.855	5.0	15.6
8 9	20 10.51	−11 43.4	0.866	1.860	8.9	15.8
8 19	20 5.10	−12 44.6	0.906	1.867	14.0	16.1
8 29	20 2.85	−13 41.4	0.965	1.876	18.6	16.4

189321 2006 YW_{47} 7 25.9 37.°12 5.°1/27.2 18

6 20	20 53.31	−10 28.8	1.828	2.652	15.5	18.9
6 30	20 46.66	− 8 57.4	1.764	2.667	12.4	18.7
7 10	20 37.88	− 7 34.1	1.723	2.683	9.0	18.5
7 20	20 27.71	− 6 21.5	1.708	2.700	6.0	18.4
7 30	20 17.12	− 5 21.5	1.720	2.716	5.2	18.4
8 9	20 7.19	− 4 34.7	1.760	2.734	7.4	18.5
8 19	19 58.83	− 4 0.4	1.826	2.752	10.5	18.8
8 29	19 52.69	− 3 36.5	1.916	2.770	13.4	19.0

93494 2000 TA_{39} 7 25.9 281.°25 3.°4/28.0 18

6 20	20 44.87	− 7 35.2	1.822	2.652	15.3	19.9
6 30	20 40.93	− 8 1.8	1.719	2.627	12.3	19.6
7 10	20 34.73	− 8 47.0	1.636	2.602	8.7	19.3
7 20	20 26.72	− 9 49.9	1.576	2.577	5.0	19.1
7 30	20 17.70	−11 7.1	1.543	2.551	3.5	18.9
8 9	20 8.71	−12 32.9	1.538	2.526	6.6	19.0
8 19	20 0.83	−14 0.9	1.558	2.499	10.8	19.2
8 29	19 55.01	−15 25.1	1.601	2.473	14.7	19.4

35867 1999 JO_{68} 7 25.9 42.°36 4.°9/23.7 18

6 20	20 48.91	−26 5.7	1.155	2.045	18.4	17.7
6 30	20 44.85	−27 13.0	1.107	2.055	14.0	17.5
7 10	20 37.47	−28 23.5	1.079	2.066	9.2	17.3
7 20	20 27.72	−29 27.9	1.072	2.078	5.4	17.1
7 30	20 17.12	−30 16.8	1.088	2.090	6.1	17.2
8 9	20 7.45	−30 44.8	1.127	2.103	10.2	17.4
8 19	20 0.15	−30 51.2	1.188	2.116	14.6	17.7
8 29	19 56.18	−30 38.5	1.267	2.130	18.4	18.0

491713 2012 UD_{141} 7 25.9 295.°89 1.°4/26.6 16

6 20	20 45.35	−14 30.9	1.710	2.564	15.1	22.5
6 30	20 41.43	−14 41.1	1.612	2.540	11.8	22.3
7 10	20 35.10	−15 2.7	1.536	2.516	7.8	22.0
7 20	20 26.87	−15 34.0	1.483	2.492	3.5	21.7
7 30	20 17.61	−16 11.3	1.456	2.468	2.2	21.5
8 9	20 8.50	−16 50.5	1.455	2.444	6.7	21.8
8 19	20 0.66	−17 27.5	1.478	2.421	11.2	22.0
8 29	19 55.09	−17 59.2	1.524	2.397	15.3	22.2

92965 2000 RQ_{49} 7 25.9 36.°42 9.°9/21.5 18

6 20	20 53.28	−40 17.9	1.469	2.334	16.6	17.4
6 30	20 48.03	−41 33.1	1.423	2.342	13.7	17.2
7 10	20 39.41	−42 36.3	1.397	2.351	11.1	17.1
7 20	20 28.42	−43 17.8	1.393	2.360	9.9	17.0
7 30	20 16.65	−43 30.2	1.412	2.369	10.6	17.1
8 9	20 5.91	−43 11.9	1.453	2.379	12.7	17.2
8 19	19 57.63	−42 26.2	1.515	2.389	15.4	17.4
8 29	19 52.74	−41 19.5	1.596	2.400	18.0	17.7

64631 2001 XD_{46} 7 25.9 53°.19 5°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.05	−31 49.0	2.029	2.890	12.8	19.4
6 30	20 43.02	−32 38.2	1.968	2.897	9.9	19.2
7 10	20 35.77	−33 24.3	1.930	2.904	7.0	19.1
7 20	20 26.99	−34 1.6	1.917	2.911	5.1	19.0
7 30	20 17.63	−34 25.3	1.931	2.918	5.7	19.0
8 9	20 8.81	−34 32.8	1.970	2.925	8.1	19.2
8 19	20 1.47	−34 24.3	2.034	2.933	10.9	19.4
8 29	19 56.36	−34 1.5	2.121	2.940	13.6	19.6

44346 1998 RC_{74} 7 25.9 313°.69 4°.0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.84	− 9 22.9	1.754	2.593	15.5	17.9
6 30	20 40.75	− 9 3.0	1.671	2.584	12.3	17.7
7 10	20 34.46	− 8 56.2	1.608	2.576	8.8	17.5
7 20	20 26.55	− 9 2.3	1.569	2.568	5.3	17.3
7 30	20 17.90	− 9 20.1	1.555	2.560	4.1	17.2
8 9	20 9.55	− 9 46.4	1.567	2.553	6.8	17.3
8 19	20 2.50	−10 17.9	1.603	2.545	10.5	17.5
8 29	19 57.57	−10 50.7	1.663	2.538	14.1	17.7

156835 2003 BF_{92} 7 25.9 187°.79 4°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 53.08	−30 14.8	2.001	2.855	13.2	21.6
6 30	20 46.90	−30 53.3	1.928	2.854	10.2	21.4
7 10	20 38.30	−31 29.6	1.877	2.853	7.1	21.2
7 20	20 27.98	−31 58.1	1.853	2.852	4.6	21.0
7 30	20 16.96	−32 13.8	1.856	2.850	5.1	21.0
8 9	20 6.45	−32 14.2	1.886	2.848	7.9	21.2
8 19	19 57.52	−31 59.2	1.941	2.845	11.1	21.4
8 29	19 50.99	−31 31.1	2.018	2.841	14.0	21.6

262992 2007 EC_{90} 7 25.9 279°.79 0°.9/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.80	−15 13.9	2.266	3.110	12.3	21.0
6 30	20 39.50	−15 28.3	2.182	3.105	9.4	20.8
7 10	20 33.45	−15 50.7	2.120	3.099	6.1	20.6
7 20	20 26.13	−16 19.0	2.084	3.094	2.6	20.3
7 30	20 18.25	−16 50.6	2.076	3.089	1.6	20.2
8 9	20 10.63	−17 22.1	2.096	3.084	5.1	20.5
8 19	20 4.05	−17 51.2	2.142	3.079	8.6	20.7
8 29	19 59.14	−18 15.8	2.212	3.073	11.6	20.9

312401 2008 FB_{40} 7 25.9 120°.37 0°.5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.14	−19 13.8	2.374	3.222	11.6	21.6
6 30	20 40.37	−19 40.9	2.302	3.230	8.8	21.5
7 10	20 33.91	−20 13.2	2.254	3.237	5.5	21.3
7 20	20 26.28	−20 47.7	2.233	3.244	2.1	21.0
7 30	20 18.18	−21 21.0	2.239	3.251	1.7	21.0
8 9	20 10.42	−21 50.4	2.274	3.258	5.1	21.3
8 19	20 3.74	−22 13.7	2.335	3.265	8.3	21.5
8 29	19 58.72	−22 30.0	2.421	3.271	11.1	21.7

349264 2007 TW_{191} 7 25.9 321°.82 4°.2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.72	−26 46.1	1.552	2.430	15.1	20.2
6 30	20 42.04	−27 33.3	1.471	2.414	11.6	20.0
7 10	20 35.62	−28 23.5	1.412	2.398	7.8	19.7
7 20	20 27.10	−29 10.2	1.377	2.383	4.6	19.5
7 30	20 17.56	−29 46.6	1.366	2.368	5.2	19.5
8 9	20 8.38	−30 7.7	1.380	2.354	8.9	19.7
8 19	20 0.86	−30 11.6	1.416	2.341	13.0	19.9
8 29	19 56.04	−29 59.3	1.473	2.328	16.7	20.1

69285 1990 ST_{14} 7 25.9 293°.63 4°.2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.79	−27 15.5	1.763	2.631	14.1	18.9
6 30	20 43.48	−28 9.1	1.669	2.606	10.9	18.7
7 10	20 36.52	−29 5.9	1.598	2.580	7.4	18.4
7 20	20 27.46	−29 59.8	1.551	2.555	4.5	18.2
7 30	20 17.28	−30 43.8	1.530	2.530	5.2	18.2
8 9	20 7.27	−31 12.7	1.535	2.504	8.7	18.3
8 19	19 58.70	−31 24.2	1.564	2.479	12.6	18.5
8 29	19 52.64	−31 18.9	1.613	2.453	16.2	18.7

505567 2014 BC_{1} 7 25.9 180°.66 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.81	−16 57.0	2.447	3.281	11.8	22.5
6 30	20 43.09	−17 3.6	2.364	3.283	9.0	22.4
7 10	20 35.63	−17 15.7	2.305	3.283	5.8	22.2
7 20	20 26.94	−17 31.4	2.273	3.283	2.3	21.9
7 30	20 17.73	−17 48.2	2.270	3.283	1.5	21.9
8 9	20 8.85	−18 3.9	2.296	3.282	5.0	22.1
8 19	20 1.02	−18 16.6	2.350	3.280	8.2	22.3
8 29	19 54.90	−18 25.4	2.428	3.277	11.1	22.5

290954 2005 WO_{174} 7 25.9 207°.83 3°.1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.31	−26 44.7	2.747	3.598	10.1	20.6
6 30	20 40.53	−27 51.9	2.666	3.593	7.7	20.5
7 10	20 34.07	−29 0.9	2.610	3.589	5.2	20.3
7 20	20 26.38	−30 7.4	2.582	3.584	3.2	20.2
7 30	20 18.11	−31 6.7	2.583	3.578	3.8	20.2
8 9	20 10.02	−31 55.4	2.613	3.573	6.1	20.3
8 19	20 2.85	−32 31.6	2.669	3.567	8.7	20.5
8 29	19 57.23	−32 55.0	2.749	3.561	11.0	20.6

342251 2008 SU_{286} 7 25.9 327°.25 2°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 48.51	−16 19.7	1.448	2.312	16.8	19.8
6 30	20 44.03	−15 35.5	1.367	2.299	13.1	19.6
7 10	20 36.81	−14 57.4	1.306	2.288	8.8	19.3
7 20	20 27.53	−14 25.0	1.268	2.276	4.2	19.0
7 30	20 17.32	−13 57.8	1.254	2.266	3.0	18.9
8 9	20 7.56	−13 34.6	1.266	2.256	7.4	19.1
8 19	19 59.50	−13 14.6	1.301	2.246	12.1	19.4
8 29	19 54.13	−12 56.6	1.357	2.238	16.3	19.6

258544 2002 CY_{23} 7 25.9 248°.20 2°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.82	−12 39.2	2.528	3.354	11.7	21.2
6 30	20 40.89	−12 30.1	2.429	3.340	9.1	21.0
7 10	20 34.29	−12 28.4	2.354	3.325	6.2	20.7
7 20	20 26.48	−12 33.4	2.305	3.309	3.2	20.5
7 30	20 18.08	−12 43.6	2.284	3.293	2.3	20.4
8 9	20 9.86	−12 57.1	2.292	3.277	5.0	20.6
8 19	20 2.55	−13 12.0	2.327	3.261	8.1	20.8
8 29	19 56.77	−13 26.4	2.387	3.244	11.0	20.9

73734 1993 OT_{12} 7 25.9 293°.08 4°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 56.18	−11 39.3	1.893	2.712	15.2	18.7
6 30	20 49.47	−10 11.3	1.781	2.683	12.3	18.4
7 10	20 40.18	− 8 45.7	1.691	2.653	9.0	18.2
7 20	20 28.83	− 7 24.9	1.628	2.623	5.8	17.9
7 30	20 16.37	− 6 11.3	1.594	2.592	5.2	17.8
8 9	20 4.01	− 5 7.1	1.588	2.562	8.0	17.9
8 19	19 52.94	− 4 13.8	1.610	2.531	11.9	18.1
8 29	19 44.19	− 3 31.1	1.655	2.500	15.6	18.2

87198 2000 OQ_{22} 7 25.9 303°.14 7°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 51.81	−35 22.4	1.561	2.429	15.6	18.2
6 30	20 47.05	−36 15.1	1.477	2.406	12.6	18.0
7 10	20 39.04	−37 2.8	1.413	2.383	9.6	17.8
7 20	20 28.47	−37 36.8	1.373	2.360	7.7	17.6
7 30	20 16.65	−37 49.0	1.356	2.337	8.5	17.6
8 9	20 5.25	−37 35.2	1.364	2.314	11.4	17.7
8 19	19 55.85	−36 56.2	1.393	2.292	15.0	17.9
8 29	19 49.64	−35 56.5	1.442	2.270	18.4	18.0

159970 2006 BJ_{63} 7 25.9 11°.39 1°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.85	−11 54.2	1.441	2.303	17.0	19.4
6 30	20 39.67	−12 54.7	1.372	2.304	13.1	19.2
7 10	20 33.99	−14 14.2	1.324	2.306	8.6	18.9
7 20	20 26.46	−15 48.0	1.299	2.309	3.6	18.6
7 30	20 18.10	−17 28.5	1.299	2.313	2.1	18.5
8 9	20 10.16	−19 7.1	1.325	2.317	7.0	18.9
8 19	20 3.78	−20 36.3	1.375	2.321	11.6	19.1
8 29	19 59.88	−21 51.3	1.447	2.326	15.6	19.4

509550 2008 AG_{134} 7 25.9 140°.48 0°.8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.35	−20 21.5	2.403	3.250	11.5	22.5
6 30	20 41.29	−20 48.6	2.331	3.258	8.7	22.3
7 10	20 34.50	−21 20.0	2.282	3.265	5.5	22.1
7 20	20 26.53	−21 52.6	2.261	3.272	2.1	21.9
7 30	20 18.09	−22 23.1	2.267	3.279	1.9	21.9
8 9	20 10.01	−22 48.8	2.303	3.285	5.2	22.1
8 19	20 3.01	−23 7.8	2.365	3.291	8.4	22.3
8 29	19 57.70	−23 19.4	2.451	3.297	11.1	22.5

379753 2011 GJ_{84} 7 25.9 140°.72 2°.3/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.11	−11 8.1	2.156	2.982	13.4	21.9
6 30	20 42.68	−11 18.1	2.084	2.994	10.4	21.7
7 10	20 35.42	−11 38.8	2.035	3.005	7.1	21.6
7 20	20 26.88	−12 8.6	2.012	3.016	3.7	21.4
7 30	20 17.85	−12 44.7	2.017	3.026	2.5	21.3
8 9	20 9.21	−13 23.6	2.049	3.036	5.4	21.5
8 19	20 1.76	−14 2.3	2.109	3.045	8.8	21.7
8 29	19 56.13	−14 38.1	2.194	3.053	11.8	21.9

355563 2008 CE_{37} 7 25.9 66°.74 2°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.50	−26 4.3	2.079	2.935	12.7	20.4
6 30	20 43.89	−26 10.8	2.011	2.941	9.7	20.2
7 10	20 36.24	−26 16.9	1.965	2.948	6.2	20.0
7 20	20 27.20	−26 19.1	1.946	2.954	3.0	19.8
7 30	20 17.67	−26 14.5	1.953	2.960	3.1	19.8
8 9	20 8.68	−26 1.5	1.989	2.967	6.3	20.0
8 19	20 1.10	−25 40.0	2.050	2.973	9.6	20.3
8 29	19 55.60	−25 11.2	2.135	2.980	12.6	20.5

95166 2002 AO_{183} 7 25.9 79°.56 0°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.73	−18 37.3	1.665	2.522	15.3	19.5
6 30	20 44.36	−18 46.3	1.607	2.538	11.6	19.3
7 10	20 36.65	−19 2.1	1.570	2.554	7.3	19.0
7 20	20 27.37	−19 21.2	1.558	2.570	2.8	18.8
7 30	20 17.56	−19 39.9	1.573	2.585	1.9	18.8
8 9	20 8.41	−19 55.1	1.613	2.601	6.4	19.1
8 19	20 0.91	−20 4.7	1.680	2.617	10.5	19.4
8 29	19 55.79	−20 8.1	1.768	2.632	13.9	19.6

444400 2005 YH_{286} 7 25.9 294°.55 0°.2/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 44.45	−18 34.9	2.183	3.035	12.4	22.3
6 30	20 40.22	−18 52.4	2.087	3.016	9.4	22.1
7 10	20 34.07	−19 16.2	2.014	2.997	6.0	21.9
7 20	20 26.47	−19 43.8	1.966	2.978	2.3	21.6
7 30	20 18.15	−20 11.9	1.946	2.959	1.7	21.5
8 9	20 10.03	−20 37.4	1.953	2.940	5.6	21.7
8 19	20 2.95	−20 57.9	1.987	2.921	9.3	21.9
8 29	19 57.67	−21 11.8	2.044	2.902	12.5	22.1

442833 2013 AP_{87} 7 25.9 57°.81 0°.7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.13	−21 11.3	1.984	2.839	13.3	21.1
6 30	20 42.93	−21 11.3	1.914	2.844	10.1	20.9
7 10	20 35.68	−21 14.5	1.866	2.850	6.4	20.7
7 20	20 27.01	−21 18.3	1.844	2.855	2.4	20.5
7 30	20 17.83	−21 19.9	1.849	2.861	1.9	20.4
8 9	20 9.14	−21 17.4	1.881	2.867	5.9	20.7
8 19	20 1.81	−21 9.7	1.939	2.873	9.5	21.0
8 29	19 56.55	−20 56.7	2.021	2.878	12.7	21.2

276026 2002 AX_{61} 7 25.9 127°.49 1°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.03	−13 16.7	1.978	2.817	13.9	20.4
6 30	20 42.09	−13 49.9	1.908	2.828	10.7	20.2
7 10	20 35.16	−14 34.4	1.861	2.838	7.0	20.0
7 20	20 26.83	−15 27.1	1.839	2.848	3.1	19.8
7 30	20 17.95	−16 23.7	1.845	2.858	1.8	19.7
8 9	20 9.46	−17 19.7	1.879	2.867	5.6	20.0
8 19	20 2.23	−18 11.2	1.939	2.876	9.3	20.3
8 29	19 56.97	−18 55.5	2.023	2.884	12.5	20.5

65314 2002 JM_{80} 7 25.9 52°.86 0°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.91	−18 40.0	2.091	2.944	12.8	20.4
6 30	20 40.38	−18 58.0	2.025	2.955	9.6	20.2
7 10	20 34.01	−19 21.8	1.983	2.966	6.1	20.0
7 20	20 26.37	−19 48.5	1.966	2.978	2.3	19.8
7 30	20 18.28	−20 14.8	1.977	2.989	1.7	19.8
8 9	20 10.62	−20 37.9	2.014	3.001	5.4	20.0
8 19	20 4.17	−20 55.6	2.078	3.013	8.9	20.3
8 29	19 59.57	−21 6.8	2.166	3.025	11.9	20.5

442107 2010 TX_{99} 7 25.9 274°.54 4°.5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.74	− 5 28.9	2.350	3.158	13.0	21.2
6 30	20 39.43	− 5 6.6	2.255	3.145	10.6	21.0
7 10	20 33.44	− 4 56.4	2.182	3.132	7.9	20.8
7 20	20 26.20	− 4 58.7	2.133	3.118	5.5	20.7
7 30	20 18.36	− 5 13.0	2.111	3.105	4.6	20.6
8 9	20 10.71	− 5 37.4	2.116	3.092	6.1	20.7
8 19	20 3.96	− 6 9.1	2.147	3.078	8.8	20.8
8 29	19 58.79	− 6 44.9	2.202	3.065	11.6	21.0

302175 2001 TC_{88} 7 25.9 287°.92 0°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.42	−19 20.2	2.023	2.877	13.1	21.6
6 30	20 41.86	−19 28.9	1.929	2.859	10.0	21.4
7 10	20 35.18	−19 43.3	1.857	2.840	6.4	21.1
7 20	20 26.91	−20 0.6	1.810	2.822	2.4	20.8
7 30	20 17.86	−20 17.6	1.791	2.803	1.8	20.7
8 9	20 9.03	−20 31.5	1.798	2.785	6.0	21.0
8 19	20 1.39	−20 40.2	1.832	2.766	9.9	21.2
8 29	19 55.74	−20 42.8	1.888	2.748	13.4	21.3

216906 2009 HX_{96} 7 25.9 52°.21 1°.9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.66	−11 13.4	1.896	2.738	14.3	20.3
6 30	20 39.58	−11 45.3	1.832	2.751	11.1	20.1
7 10	20 33.58	−12 30.5	1.789	2.765	7.4	19.9
7 20	20 26.24	−13 25.9	1.772	2.778	3.6	19.7
7 30	20 18.39	−14 27.6	1.781	2.792	2.2	19.6
8 9	20 10.96	−15 30.4	1.817	2.807	5.6	19.9
8 19	20 4.77	−16 30.0	1.879	2.821	9.2	20.1
8 29	20 0.51	−17 23.0	1.965	2.835	12.5	20.4

195462 2002 GL_{104} 7 25.9 127°.96 5°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.02	− 1 18.2	1.995	2.791	15.4	20.5
6 30	20 40.54	− 1 21.0	1.920	2.798	12.7	20.3
7 10	20 34.18	− 1 42.7	1.866	2.806	9.7	20.1
7 20	20 26.47	− 2 23.3	1.835	2.813	6.9	20.0
7 30	20 18.21	− 3 20.6	1.830	2.820	5.7	19.9
8 9	20 10.29	− 4 30.4	1.851	2.826	7.0	20.0
8 19	20 3.53	− 5 47.3	1.899	2.833	9.7	20.2
8 29	19 58.61	− 7 5.7	1.971	2.839	12.5	20.4

385611 2005 GC_{65} 7 25.9 106°.03 1°.9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.41	−10 18.9	2.087	2.917	13.6	21.3
6 30	20 40.75	−10 59.1	2.018	2.931	10.6	21.1
7 10	20 34.26	−11 52.5	1.972	2.944	7.1	20.9
7 20	20 26.49	−12 56.3	1.952	2.957	3.5	20.7
7 30	20 18.21	−14 6.1	1.959	2.970	2.2	20.7
8 9	20 10.31	−15 17.1	1.994	2.982	5.3	20.9
8 19	20 3.55	−16 24.8	2.057	2.995	8.8	21.1
8 29	19 58.61	−17 25.8	2.144	3.007	11.9	21.4

462539 2009 BC_{91} 7 25.9 219°.31 0°.9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 52.75	−21 1.9	1.498	2.361	16.4	21.1
6 30	20 47.24	−21 8.0	1.422	2.357	12.6	20.9
7 10	20 38.86	−21 19.3	1.367	2.352	8.0	20.6
7 20	20 28.35	−21 31.8	1.336	2.348	3.1	20.3
7 30	20 16.91	−21 41.1	1.330	2.342	2.5	20.2
8 9	20 6.00	−21 43.9	1.350	2.337	7.5	20.5
8 19	19 56.94	−21 38.8	1.395	2.331	12.2	20.8
8 29	19 50.72	−21 26.0	1.460	2.325	16.3	21.0

253532 2003 SJ_{202} 7 25.9 306°.13 0°.4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.58	−17 28.6	1.287	2.163	17.8	20.9
6 30	20 43.10	−17 35.2	1.203	2.144	13.8	20.5
7 10	20 36.57	−17 52.8	1.138	2.125	9.0	20.2
7 20	20 27.60	−18 18.3	1.095	2.107	3.5	19.9
7 30	20 17.37	−18 47.0	1.075	2.088	2.3	19.7
8 9	20 7.42	−19 13.7	1.079	2.071	8.1	20.0
8 19	19 59.27	−19 34.6	1.105	2.053	13.5	20.3
8 29	19 54.11	−19 47.3	1.151	2.037	18.2	20.5

105534 2000 RC_{29} 7 25.9 280°.70 0°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.57	−21 7.1	2.133	2.985	12.6	19.8
6 30	20 42.49	−21 7.1	2.050	2.979	9.6	19.6
7 10	20 35.44	−21 10.2	1.990	2.973	6.1	19.3
7 20	20 26.97	−21 13.9	1.955	2.967	2.3	19.1
7 30	20 17.90	−21 15.6	1.949	2.961	1.8	19.0
8 9	20 9.19	−21 13.3	1.969	2.955	5.7	19.3
8 19	20 1.70	−21 6.0	2.016	2.949	9.3	19.5
8 29	19 56.15	−20 53.4	2.087	2.943	12.4	19.7

257431 2010 LT_{131} 7 25.9 146°.83 5°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.87	+ 0 8.0	2.544	3.320	12.9	20.7
6 30	20 38.56	− 0 5.9	2.461	3.326	10.7	20.5
7 10	20 32.76	− 0 36.2	2.401	3.331	8.3	20.4
7 20	20 25.92	− 1 22.6	2.364	3.335	6.1	20.3
7 30	20 18.63	− 2 23.2	2.355	3.340	5.0	20.2
8 9	20 11.58	− 3 34.6	2.374	3.344	6.0	20.3
8 19	20 5.40	− 4 52.5	2.420	3.348	8.1	20.4
8 29	20 0.65	− 6 12.2	2.492	3.352	10.5	20.6

472999 2015 HL_{29} 7 25.9 179°.48 5°.4/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.80	− 3 22.6	1.924	2.731	15.5	21.2
6 30	20 41.26	− 3 14.9	1.844	2.732	12.7	21.0
7 10	20 34.72	− 3 24.5	1.785	2.733	9.6	20.8
7 20	20 26.73	− 3 51.8	1.749	2.733	6.7	20.6
7 30	20 18.09	− 4 35.0	1.739	2.733	5.4	20.5
8 9	20 9.75	− 5 30.6	1.755	2.732	7.0	20.6
8 19	20 2.61	− 6 33.5	1.797	2.732	10.0	20.8
8 29	19 57.41	− 7 38.7	1.862	2.731	13.1	21.0

350344 2012 UQ_{105} 7 25.9 243°.93 6°.9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.86	− 1 11.6	2.004	2.798	15.4	21.1
6 30	20 41.27	− 0 28.6	1.919	2.792	12.9	20.9
7 10	20 34.73	− 0 1.7	1.854	2.786	10.2	20.7
7 20	20 26.74	+ 0 7.4	1.811	2.780	7.8	20.6
7 30	20 18.08	− 0 1.7	1.794	2.774	6.9	20.5
8 9	20 9.67	− 0 27.3	1.803	2.767	8.1	20.6
8 19	20 2.38	− 1 5.9	1.837	2.760	10.5	20.7
8 29	19 56.96	− 1 52.8	1.894	2.754	13.3	20.9

195425 2002 GL_{50} 7 25.9 110°.82 3°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 52.95	−27 17.5	1.897	2.752	13.8	20.2
6 30	20 46.68	−27 33.8	1.835	2.764	10.5	20.0
7 10	20 38.09	−27 48.9	1.795	2.776	6.9	19.8
7 20	20 27.95	−27 58.3	1.781	2.788	3.6	19.6
7 30	20 17.31	−27 58.4	1.795	2.799	3.8	19.7
8 9	20 7.34	−27 47.3	1.835	2.810	7.1	19.9
8 19	19 59.02	−27 25.4	1.901	2.820	10.5	20.1
8 29	19 53.08	−26 54.5	1.991	2.831	13.6	20.3

325519 2009 RF_{63} 7 25.9 295°.07 12°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 3.42	−57 1.3	2.322	3.099	14.0	20.1
6 30	20 55.86	−58 11.9	2.259	3.082	13.0	20.0
7 10	20 44.58	−59 4.6	2.215	3.065	12.3	19.9
7 20	20 30.55	−59 30.7	2.193	3.048	12.2	19.9
7 30	20 15.49	−59 24.1	2.192	3.032	12.7	19.9
8 9	20 1.41	−58 43.7	2.212	3.015	13.8	19.9
8 19	19 50.02	−57 32.8	2.252	2.999	15.1	20.0
8 29	19 42.37	−55 57.9	2.309	2.983	16.5	20.1

335092 2004 TC_{63} 7 25.9 242°.49 4°.0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.29	− 7 16.5	2.077	2.895	14.1	21.4
6 30	20 41.62	− 7 9.4	1.983	2.882	11.4	21.2
7 10	20 34.98	− 7 15.8	1.910	2.869	8.3	21.0
7 20	20 26.85	− 7 35.5	1.861	2.856	5.2	20.8
7 30	20 17.99	− 8 7.0	1.840	2.842	4.1	20.7
8 9	20 9.32	− 8 47.2	1.845	2.827	6.3	20.8
8 19	20 1.71	− 9 32.4	1.877	2.813	9.6	20.9
8 29	19 55.94	−10 18.9	1.932	2.797	12.9	21.1

200726 2001 VD_{41} 7 25.9 191.°17 0.°6/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 51.66	−16 38.2	1.739	2.586	15.2	21.1
6 30	20 46.00	−16 50.8	1.660	2.585	11.7	20.9
7 10	20 37.89	−17 12.2	1.603	2.583	7.6	20.6
7 20	20 27.97	−17 39.4	1.570	2.581	3.0	20.3
7 30	20 17.24	−18 8.5	1.565	2.578	1.9	20.3
8 9	20 6.93	−18 35.6	1.587	2.574	6.5	20.6
8 19	19 58.15	−18 57.8	1.634	2.570	10.8	20.8
8 29	19 51.76	−19 13.7	1.704	2.565	14.5	21.0

478799 2012 UO_{156} 7 25.9 270.°55 7.°8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 53.26	−38 32.5	2.037	2.885	13.3	21.8
6 30	20 47.64	−39 43.8	1.951	2.862	10.9	21.6
7 10	20 39.21	−40 49.6	1.887	2.839	8.8	21.4
7 20	20 28.56	−41 41.8	1.847	2.815	7.8	21.3
7 30	20 16.79	−42 13.3	1.833	2.791	8.5	21.3
8 9	20 5.29	−42 20.1	1.845	2.766	10.7	21.4
8 19	19 55.41	−42 2.4	1.879	2.741	13.4	21.5
8 29	19 48.21	−41 23.4	1.934	2.716	16.0	21.7

333293 2000 QC_{13} 7 25.9 357.°32 3.°8/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.18	−26 55.1	1.038	1.941	18.9	19.8
6 30	20 41.68	−26 57.4	0.979	1.934	14.5	19.5
7 10	20 35.73	−26 58.8	0.937	1.929	9.5	19.2
7 20	20 27.25	−26 53.6	0.916	1.926	4.8	18.9
7 30	20 17.78	−26 36.5	0.916	1.925	4.9	18.9
8 9	20 9.17	−26 5.2	0.938	1.926	9.7	19.2
8 19	20 2.93	−25 20.8	0.980	1.928	14.7	19.5
8 29	20 0.11	−24 26.3	1.040	1.933	19.1	19.8

148408 2000 WQ_{13} 7 25.9 243.°24 2.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.09	−25 4.5	2.447	3.298	11.2	20.6
6 30	20 42.00	−25 27.4	2.360	3.289	8.5	20.4
7 10	20 35.08	−25 51.6	2.298	3.279	5.5	20.2
7 20	20 26.85	−26 13.6	2.261	3.270	2.7	20.0
7 30	20 18.03	−26 30.2	2.253	3.259	2.8	20.0
8 9	20 9.50	−26 38.9	2.273	3.249	5.8	20.2
8 19	20 2.03	−26 38.7	2.320	3.239	8.9	20.4
8 29	19 56.32	−26 29.9	2.391	3.228	11.7	20.5

62115 2000 RW_{99} 7 25.9 300.°72 6.°6/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.57	− 5 55.4	1.611	2.439	17.1	18.1
6 30	20 42.42	− 4 58.8	1.519	2.420	14.1	17.8
7 10	20 35.80	− 4 15.9	1.446	2.401	10.7	17.6
7 20	20 27.25	− 3 49.2	1.396	2.382	7.7	17.4
7 30	20 17.70	− 3 40.0	1.370	2.363	6.6	17.3
8 9	20 8.35	− 3 47.1	1.368	2.345	8.7	17.3
8 19	20 0.33	− 4 7.6	1.390	2.326	12.3	17.5
8 29	19 54.65	− 4 37.1	1.434	2.308	16.0	17.7

321714 2010 GZ_{139} 7 25.9 163.°26 5.°4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.11	− 1 50.5	2.224	3.015	14.1	20.9
6 30	20 40.47	− 1 40.3	2.143	3.019	11.7	20.8
7 10	20 34.09	− 1 46.1	2.084	3.022	9.0	20.6
7 20	20 26.48	− 2 8.2	2.049	3.025	6.5	20.5
7 30	20 18.34	− 2 45.5	2.040	3.027	5.4	20.4
8 9	20 10.48	− 3 34.9	2.058	3.030	6.7	20.5
8 19	20 3.66	− 4 32.3	2.103	3.031	9.1	20.6
8 29	19 58.50	− 5 33.2	2.172	3.033	11.8	20.8

506762 2006 WH_{94} 7 25.9 274.°10 1.°3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.21	−20 1.1	1.601	2.466	15.4	22.6
6 30	20 43.87	−20 38.0	1.513	2.449	11.8	22.4
7 10	20 36.84	−21 23.9	1.445	2.431	7.6	22.1
7 20	20 27.69	−22 14.3	1.401	2.413	3.0	21.7
7 30	20 17.44	−23 3.1	1.383	2.395	2.8	21.7
8 9	20 7.42	−23 44.6	1.392	2.377	7.6	21.9
8 19	19 58.91	−24 15.4	1.424	2.358	12.2	22.2
8 29	19 52.97	−24 33.8	1.477	2.339	16.3	22.4

406795 2008 TS_{67} 7 25.9 303.°82 2.°5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.57	−12 45.6	1.164	2.038	19.4	21.2
6 30	20 42.54	−12 51.2	1.084	2.022	15.3	20.8
7 10	20 36.34	−13 14.8	1.022	2.006	10.3	20.5
7 20	20 27.59	−13 54.7	0.981	1.990	5.0	20.2
7 30	20 17.49	−14 46.2	0.962	1.975	3.1	20.0
8 9	20 7.68	−15 42.8	0.966	1.960	8.4	20.3
8 19	19 59.75	−16 37.5	0.992	1.945	14.0	20.5
8 29	19 54.97	−17 25.1	1.036	1.931	19.0	20.8

313941 2004 RV_{147} 7 25.9 261.°07 3.°9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.88	−30 35.9	2.399	3.253	11.3	21.2
6 30	20 42.73	−31 10.4	2.317	3.244	8.8	21.0
7 10	20 35.61	−31 43.0	2.259	3.234	6.1	20.8
7 20	20 27.08	−32 9.2	2.226	3.224	4.1	20.7
7 30	20 17.93	−32 25.2	2.222	3.214	4.6	20.7
8 9	20 9.11	−32 28.5	2.244	3.204	7.0	20.8
8 19	20 1.48	−32 18.7	2.293	3.194	9.7	21.0
8 29	19 55.74	−31 57.0	2.364	3.184	12.3	21.1

199206 2006 AN_{19} 7 25.9 152.°99 1.°7/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 51.22	−23 50.1	2.244	3.091	12.3	20.9
6 30	20 45.09	−24 7.3	2.173	3.099	9.3	20.8
7 10	20 37.00	−24 26.0	2.125	3.106	5.9	20.6
7 20	20 27.57	−24 42.6	2.104	3.114	2.6	20.4
7 30	20 17.64	−24 54.1	2.111	3.120	2.6	20.4
8 9	20 8.17	−24 58.1	2.147	3.126	5.9	20.6
8 19	20 0.01	−24 53.9	2.210	3.132	9.1	20.8
8 29	19 53.82	−24 42.1	2.297	3.136	12.0	21.0

388709 2007 VO_{99} 7 25.9 312.°11 4.°0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.95	−28 9.1	1.844	2.710	13.7	20.2
6 30	20 43.27	−28 50.6	1.770	2.705	10.5	20.0
7 10	20 36.19	−29 32.3	1.718	2.699	7.1	19.8
7 20	20 27.35	−30 8.7	1.690	2.694	4.3	19.6
7 30	20 17.76	−30 34.3	1.689	2.688	4.8	19.6
8 9	20 8.60	−30 45.8	1.714	2.683	7.9	19.8
8 19	20 0.94	−30 42.4	1.763	2.679	11.4	20.0
8 29	19 55.65	−30 25.2	1.834	2.674	14.6	20.2

149124 2002 EF_{19} 7 25.9 121.°77 5.°5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.74	− 1 41.0	2.395	3.184	13.3	19.9
6 30	20 39.29	− 1 17.0	2.317	3.188	11.0	19.7
7 10	20 33.28	− 1 7.2	2.260	3.193	8.6	19.6
7 20	20 26.16	− 1 12.5	2.227	3.198	6.4	19.5
7 30	20 18.59	− 1 32.1	2.220	3.202	5.5	19.4
8 9	20 11.29	− 2 3.9	2.240	3.207	6.5	19.5
8 19	20 4.94	− 2 44.6	2.287	3.211	8.7	19.6
8 29	20 0.12	− 3 30.6	2.357	3.215	11.1	19.8

300649 2007 UJ_{84} 7 25.9 308.°97 1.°6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.05	−21 40.7	1.805	2.670	14.0	21.5
6 30	20 41.80	−22 11.9	1.726	2.662	10.6	21.3
7 10	20 35.25	−22 48.6	1.668	2.654	6.8	21.0
7 20	20 27.01	−23 26.6	1.635	2.646	2.8	20.8
7 30	20 17.99	−24 1.2	1.628	2.638	2.7	20.8
8 9	20 9.32	−24 28.3	1.648	2.631	6.8	21.0
8 19	20 2.03	−24 45.5	1.692	2.624	10.8	21.2
8 29	19 56.97	−24 52.2	1.758	2.617	14.3	21.4

53923 2000 GW_{30} 7 25.9 294.°13 1.°6/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.54	−14 23.3	1.532	2.390	16.3	18.7
6 30	20 42.71	−14 29.7	1.435	2.365	12.8	18.4
7 10	20 36.19	−14 48.7	1.358	2.339	8.6	18.1
7 20	20 27.49	−15 18.5	1.304	2.314	3.9	17.8
7 30	20 17.59	−15 55.5	1.275	2.288	2.4	17.6
8 9	20 7.79	−16 35.0	1.271	2.262	7.3	17.8
8 19	19 59.40	−17 12.5	1.292	2.236	12.2	18.0
8 29	19 53.57	−17 44.6	1.333	2.211	16.7	18.2

182764 2001 XL_{184} 7 25.9 124.°50 0.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.76	−18 29.9	2.339	3.187	11.8	20.3
6 30	20 40.21	−19 14.4	2.266	3.193	8.9	20.1
7 10	20 33.93	−20 5.4	2.217	3.200	5.6	19.9
7 20	20 26.43	−20 59.5	2.194	3.206	2.1	19.7
7 30	20 18.42	−21 52.6	2.200	3.212	1.8	19.7
8 9	20 10.72	−22 40.9	2.234	3.218	5.2	19.9
8 19	20 4.06	−23 21.6	2.295	3.224	8.5	20.1
8 29	19 59.09	−23 53.5	2.380	3.229	11.3	20.3

342652 2008 VW_{2} 7 25.9 347.°66 6.°1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.12	−29 3.9	1.034	1.943	18.5	18.8
6 30	20 38.86	−29 43.6	0.968	1.926	14.4	18.5
7 10	20 34.16	−30 23.2	0.920	1.911	9.9	18.2
7 20	20 26.77	−30 54.3	0.892	1.897	6.4	17.9
7 30	20 18.15	−31 8.4	0.884	1.886	7.2	17.9
8 9	20 10.18	−31 0.3	0.897	1.877	11.3	18.1
8 19	20 4.51	−30 29.7	0.928	1.871	16.1	18.4
8 29	20 2.32	−29 39.9	0.977	1.867	20.4	18.6

271823 2004 TD_{146} 7 25.9 356.°27 12.°1/20.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.73	−42 11.9	1.223	2.101	18.4	19.6
6 30	20 46.24	−43 34.4	1.172	2.096	15.5	19.4
7 10	20 38.82	−44 42.7	1.139	2.092	13.2	19.3
7 20	20 28.48	−45 24.9	1.126	2.090	12.1	19.2
7 30	20 17.04	−45 31.5	1.134	2.088	12.9	19.2
8 9	20 6.65	−45 0.3	1.161	2.088	15.2	19.4
8 19	19 59.06	−43 55.4	1.208	2.089	18.0	19.5
8 29	19 55.36	−42 24.9	1.271	2.092	20.8	19.7

364194 2006 QD_{3} 7 25.9 310.°81 3.°9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.05	− 6 43.0	1.300	2.154	18.9	19.4
6 30	20 39.62	− 7 18.4	1.208	2.131	15.3	19.1
7 10	20 34.40	− 8 21.2	1.135	2.109	10.9	18.8
7 20	20 26.87	− 9 50.6	1.083	2.086	6.2	18.5
7 30	20 18.01	−11 41.7	1.055	2.065	4.1	18.3
8 9	20 9.23	−13 45.1	1.050	2.043	8.0	18.4
8 19	20 1.95	−15 49.7	1.069	2.023	13.2	18.6
8 29	19 57.43	−17 45.4	1.109	2.003	18.1	18.9

287267 2002 TR_{148} 7 25.9 324.°63 10.°6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.01	+ 2 45.1	1.516	2.321	19.0	20.4
6 30	20 38.37	+ 3 52.4	1.422	2.295	16.6	20.2
7 10	20 33.35	+ 4 38.3	1.346	2.270	14.0	19.9
7 20	20 26.39	+ 4 57.8	1.290	2.245	11.7	19.7
7 30	20 18.38	+ 4 47.5	1.255	2.222	10.6	19.6
8 9	20 10.46	+ 4 8.3	1.241	2.199	11.6	19.6
8 19	20 3.79	+ 3 4.4	1.249	2.177	14.1	19.7
8 29	19 59.44	+ 1 43.5	1.278	2.157	17.2	19.8

287990 2003 UL_{180} 7 25.9 323.°14 8.°8/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.95	−36 22.1	1.590	2.462	15.1	19.6
6 30	20 44.10	−38 4.2	1.523	2.451	12.3	19.4
7 10	20 37.19	−39 42.5	1.477	2.440	9.9	19.2
7 20	20 27.88	−41 6.7	1.455	2.430	8.8	19.1
7 30	20 17.39	−42 7.2	1.457	2.420	9.8	19.2
8 9	20 7.33	−42 38.8	1.481	2.410	12.4	19.3
8 19	19 59.17	−42 41.0	1.527	2.401	15.3	19.5
8 29	19 54.06	−42 17.6	1.591	2.393	18.1	19.6

317364 2002 NH_{29} 7 25.9 356.°40 0.°3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.66	−20 28.2	1.160	2.046	18.6	19.8
6 30	20 43.93	−20 15.1	1.096	2.042	14.3	19.6
7 10	20 37.02	−20 7.9	1.050	2.039	9.1	19.3
7 20	20 27.76	−20 3.5	1.025	2.038	3.5	18.9
7 30	20 17.54	−19 58.1	1.024	2.037	2.5	18.9
8 9	20 8.04	−19 48.7	1.045	2.037	8.2	19.2
8 19	20 0.69	−19 34.1	1.088	2.038	13.5	19.5
8 29	19 56.52	−19 14.2	1.151	2.040	17.9	19.8

50324 2000 CS_{53} 7 25.9 45.°34 3.°4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.56	− 9 28.8	1.414	2.266	17.8	17.8
6 30	20 41.66	− 9 39.9	1.352	2.274	14.0	17.5
7 10	20 35.24	−10 8.9	1.308	2.282	9.7	17.3
7 20	20 27.01	−10 54.0	1.287	2.291	5.3	17.1
7 30	20 18.07	−11 50.8	1.291	2.300	3.6	17.0
8 9	20 9.66	−12 53.1	1.319	2.310	7.1	17.2
8 19	20 2.92	−13 55.0	1.371	2.319	11.4	17.5
8 29	19 58.68	−14 51.5	1.445	2.329	15.3	17.8

338664 2003 SA_{354} 7 25.9 259.°16 3.°1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.54	− 9 54.7	1.941	2.774	14.4	21.3
6 30	20 41.18	− 9 54.3	1.854	2.765	11.4	21.1
7 10	20 34.76	−10 6.7	1.787	2.756	8.0	20.8
7 20	20 26.83	−10 31.0	1.745	2.747	4.5	20.6
7 30	20 18.16	−11 4.9	1.729	2.737	3.3	20.5
8 9	20 9.75	−11 44.9	1.741	2.728	6.1	20.7
8 19	20 2.50	−12 27.3	1.778	2.718	9.8	20.9
8 29	19 57.20	−13 8.4	1.838	2.708	13.2	21.1

93378 2000 SQ_{271} 7 25.9 44.°14 8.°3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.10	−35 17.5	1.503	2.376	15.8	18.3
6 30	20 45.55	−36 54.5	1.455	2.385	12.6	18.2
7 10	20 37.93	−38 25.6	1.428	2.394	9.8	18.0
7 20	20 28.07	−39 40.8	1.424	2.404	8.3	17.9
7 30	20 17.35	−40 31.4	1.444	2.414	9.2	18.0
8 9	20 7.38	−40 53.7	1.488	2.424	11.7	18.2
8 19	19 59.52	−40 48.7	1.553	2.435	14.7	18.4
8 29	19 54.75	−40 20.8	1.637	2.446	17.4	18.6

202592 2006 GM_{48} 7 25.9 39.°94 8.°0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.93	− 0 35.8	1.547	2.360	18.4	19.2
6 30	20 40.86	+ 0 11.7	1.489	2.373	15.4	19.0
7 10	20 34.57	+ 0 37.6	1.450	2.387	12.1	18.8
7 20	20 26.72	+ 0 40.0	1.431	2.402	9.3	18.7
7 30	20 18.30	+ 0 19.2	1.436	2.417	8.0	18.7
8 9	20 10.42	− 0 21.0	1.465	2.433	9.2	18.8
8 19	20 4.05	− 1 15.3	1.517	2.449	11.7	19.0
8 29	19 59.91	− 2 17.0	1.591	2.466	14.6	19.2

383071 2005 RQ_{40} 7 25.9 304.°99 3.°2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.65	−12 9.4	1.449	2.307	17.1	20.6
6 30	20 42.09	−11 54.4	1.357	2.284	13.6	20.3
7 10	20 35.82	−11 52.6	1.284	2.262	9.4	20.0
7 20	20 27.37	−12 3.6	1.233	2.239	5.0	19.7
7 30	20 17.76	−12 25.5	1.207	2.217	3.5	19.6
8 9	20 8.33	−12 54.4	1.205	2.195	7.6	19.8
8 19	20 0.38	−13 26.3	1.226	2.174	12.5	20.0
8 29	19 55.03	−13 57.1	1.267	2.153	16.9	20.2

329962 2005 QE_{158} 7 25.9 340.°38 2.°0/25.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.62	−20 9.6	1.147	2.042	18.1	20.4
6 30	20 39.57	−20 53.3	1.076	2.028	13.9	20.1
7 10	20 34.44	−21 49.1	1.023	2.015	8.9	19.8
7 20	20 26.88	−22 51.0	0.992	2.004	3.6	19.4
7 30	20 18.14	−23 50.9	0.982	1.994	3.6	19.4
8 9	20 9.84	−24 40.8	0.996	1.985	9.0	19.7
8 19	20 3.49	−25 15.8	1.030	1.978	14.3	20.0
8 29	20 0.26	−25 34.0	1.082	1.972	18.9	20.2

427742 2004 RB_{96} 7 25.9 46.°44 0.°7/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 53.62	−22 37.0	1.448	2.313	16.7	20.1
6 30	20 47.66	−22 9.8	1.389	2.324	12.7	19.9
7 10	20 38.95	−21 44.1	1.350	2.336	8.1	19.7
7 20	20 28.38	−21 17.2	1.336	2.348	3.1	19.4
7 30	20 17.27	−20 47.2	1.347	2.360	2.3	19.4
8 9	20 7.02	−20 13.3	1.384	2.373	7.2	19.7
8 19	19 58.81	−19 36.1	1.446	2.385	11.6	20.0
8 29	19 53.43	−18 56.8	1.529	2.399	15.4	20.3

23851 Rottman–Yang 7 25.9 17.°07 0.°4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.71	−16 7.5	1.122	2.008	19.1	17.7
6 30	20 40.88	−16 33.9	1.066	2.013	14.6	17.5
7 10	20 35.04	−17 14.9	1.029	2.018	9.4	17.2
7 20	20 27.02	−18 5.8	1.013	2.025	3.6	16.9
7 30	20 18.14	−18 59.7	1.020	2.034	2.3	16.8
8 9	20 9.97	−19 49.7	1.050	2.043	8.0	17.2
8 19	20 3.84	−20 30.6	1.101	2.053	13.1	17.5
8 29	20 0.71	−20 59.7	1.171	2.064	17.5	17.8

185286 2006 UH_{203} 7 25.9 298.°08 3.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.94	−22 47.6	1.405	2.284	16.4	20.1
6 30	20 43.32	−23 46.3	1.324	2.267	12.6	19.8
7 10	20 36.73	−24 54.0	1.262	2.250	8.2	19.5
7 20	20 27.76	−26 4.0	1.224	2.234	3.9	19.2
7 30	20 17.55	−27 7.9	1.210	2.217	4.5	19.2
8 9	20 7.62	−27 58.5	1.221	2.201	9.0	19.5
8 19	19 59.43	−28 31.6	1.254	2.186	13.8	19.7
8 29	19 54.15	−28 46.6	1.307	2.170	17.9	19.9

21013 1988 RW_{10} 7 25.9 309.°40 0.°2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 44.46	−18 30.9	2.023	2.879	13.0	19.2
6 30	20 40.38	−18 46.3	1.934	2.865	10.0	19.0
7 10	20 34.28	−19 8.4	1.868	2.852	6.4	18.7
7 20	20 26.68	−19 34.4	1.827	2.838	2.4	18.4
7 30	20 18.38	−20 1.0	1.812	2.825	1.7	18.4
8 9	20 10.32	−20 24.9	1.825	2.812	5.8	18.6
8 19	20 3.41	−20 43.7	1.863	2.799	9.6	18.8
8 29	19 58.43	−20 55.9	1.924	2.787	13.0	19.0

476058 2007 RQ_{321} 7 25.9 301.°06 5.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 49.84	−31 30.5	1.719	2.586	14.4	21.0
6 30	20 45.17	−32 13.7	1.632	2.565	11.3	20.7
7 10	20 37.71	−32 55.0	1.568	2.544	8.1	20.5
7 20	20 28.09	−33 27.7	1.527	2.524	5.8	20.3
7 30	20 17.40	−33 45.2	1.511	2.503	6.4	20.3
8 9	20 7.07	−33 43.6	1.521	2.483	9.4	20.4
8 19	19 58.39	−33 22.7	1.553	2.462	13.1	20.6
8 29	19 52.43	−32 44.8	1.607	2.442	16.5	20.8

22291 Heitifer 7 25.9 251.°97 2.°1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.70	− 9 24.5	2.553	3.374	11.7	18.3
6 30	20 38.60	− 9 59.9	2.459	3.365	9.2	18.1
7 10	20 32.94	−10 47.4	2.388	3.356	6.3	17.9
7 20	20 26.14	−11 45.2	2.343	3.346	3.4	17.7
7 30	20 18.78	−12 50.3	2.327	3.336	2.2	17.6
8 9	20 11.56	−13 58.9	2.339	3.326	4.7	17.8
8 19	20 5.18	−15 6.9	2.379	3.316	7.8	17.9
8 29	20 0.23	−16 11.0	2.445	3.306	10.6	18.1

461632 2005 EP_{165} 7 25.9 76.°57 1.°5/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 48.84	−13 59.6	1.411	2.270	17.5	21.6
6 30	20 44.15	−14 16.9	1.353	2.283	13.4	21.4
7 10	20 36.82	−14 47.6	1.314	2.296	8.8	21.2
7 20	20 27.65	−15 28.3	1.299	2.309	3.8	20.9
7 30	20 17.80	−16 14.1	1.309	2.322	2.3	20.9
8 9	20 8.60	−16 59.5	1.344	2.335	7.0	21.2
8 19	20 1.21	−17 40.1	1.404	2.348	11.5	21.5
8 29	19 56.46	−18 13.2	1.484	2.361	15.4	21.8

312883 2011 UW_{203} 7 25.9 119.°82 7.°4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 50.39	−40 21.8	2.392	3.234	11.7	20.6
6 30	20 44.92	−41 49.8	2.339	3.242	9.7	20.4
7 10	20 37.18	−43 10.0	2.309	3.250	8.1	20.3
7 20	20 27.78	−44 15.9	2.305	3.258	7.4	20.3
7 30	20 17.69	−45 1.9	2.327	3.266	8.1	20.4
8 9	20 8.02	−45 25.6	2.375	3.273	9.7	20.5
8 19	19 59.78	−45 27.4	2.445	3.280	11.6	20.6
8 29	19 53.78	−45 10.2	2.536	3.287	13.4	20.8

25875 Wickramasekara 7 25.9 217.°97 3.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 53.86	−26 52.6	1.765	2.623	14.5	18.4
6 30	20 47.93	−27 27.5	1.685	2.616	11.2	18.2
7 10	20 39.31	−28 3.4	1.627	2.608	7.4	18.0
7 20	20 28.66	−28 34.5	1.593	2.599	4.1	17.8
7 30	20 17.09	−28 55.1	1.587	2.590	4.4	17.8
8 9	20 5.97	−29 1.7	1.607	2.580	8.0	18.0
8 19	19 56.52	−28 53.6	1.653	2.570	11.9	18.2
8 29	19 49.69	−28 32.5	1.720	2.559	15.4	18.4

254343 2004 SN_{58} 7 25.9 193°.68 8°.4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 56.95	−51 56.0	3.108	3.896	10.6	20.9
6 30	20 49.71	−52 56.9	3.051	3.894	9.5	20.8
7 10	20 40.12	−53 45.3	3.016	3.891	8.7	20.7
7 20	20 28.87	−54 15.9	3.005	3.888	8.4	20.7
7 30	20 16.99	−54 24.7	3.018	3.885	8.9	20.7
8 9	20 5.65	−54 10.8	3.056	3.881	9.8	20.8
8 19	19 55.89	−53 35.7	3.115	3.877	11.0	20.9
8 29	19 48.48	−52 43.0	3.195	3.872	12.2	21.0

404665 2014 HT_{126} 7 25.9 137°.36 4°.0/28.5 17

6 20	20 44.90	− 6 31.9	2.227	3.040	13.5	21.1
6 30	20 40.33	− 6 23.3	2.149	3.045	10.8	21.0
7 10	20 34.05	− 6 27.6	2.093	3.049	7.9	20.8
7 20	20 26.55	− 6 44.5	2.062	3.053	5.1	20.6
7 30	20 18.56	− 7 12.4	2.058	3.058	4.0	20.6
8 9	20 10.87	− 7 48.4	2.081	3.061	5.8	20.7
8 19	20 4.22	− 8 29.2	2.130	3.065	8.7	20.9
8 29	19 59.24	− 9 11.5	2.204	3.069	11.5	21.1

241704 2000 SD_{270} 7 25.9 283°.30 8°.0/20.7 18

6 20	20 51.83	−36 20.5	1.805	2.664	14.2	20.1
6 30	20 46.97	−37 47.7	1.717	2.638	11.6	19.9
7 10	20 39.08	−39 12.3	1.651	2.611	9.2	19.7
7 20	20 28.71	−40 25.3	1.609	2.585	8.0	19.6
7 30	20 16.98	−41 17.5	1.593	2.557	9.0	19.6
8 9	20 5.41	−41 43.4	1.601	2.530	11.6	19.6
8 19	19 55.50	−41 42.0	1.631	2.502	14.6	19.8
8 29	19 48.48	−41 16.3	1.681	2.474	17.6	19.9

140865 2001 VX_{7} 7 25.9 344°.38 5°.8/29.0 18

6 20	20 44.63	− 4 5.6	1.964	2.776	15.1	19.5
6 30	20 40.39	− 3 28.6	1.884	2.773	12.4	19.3
7 10	20 34.22	− 3 6.2	1.825	2.771	9.5	19.1
7 20	20 26.67	− 2 59.7	1.789	2.769	6.9	19.0
7 30	20 18.50	− 3 8.9	1.778	2.768	5.8	18.9
8 9	20 10.64	− 3 31.6	1.793	2.766	7.3	19.0
8 19	20 3.93	− 4 4.5	1.833	2.765	10.1	19.2
8 29	19 59.07	− 4 43.3	1.897	2.764	13.0	19.4

491292 2011 VU_{18} 7 25.9 293°.68 5°.8/22.3 18

6 20	20 49.11	−34 19.2	2.097	2.954	12.6	20.6
6 30	20 44.03	−35 14.7	2.028	2.952	10.0	20.4
7 10	20 36.65	−36 6.1	1.981	2.949	7.4	20.3
7 20	20 27.61	−36 47.1	1.960	2.946	5.9	20.2
7 30	20 17.87	−37 12.6	1.965	2.943	6.5	20.2
8 9	20 8.58	−37 19.7	1.996	2.940	8.7	20.3
8 19	20 0.74	−37 8.5	2.051	2.937	11.4	20.5
8 29	19 55.18	−36 41.3	2.127	2.935	14.0	20.7

404892 2014 KJ_{77} 7 25.9 29°.74 2°.3/27.6 18

6 20	20 42.57	−10 14.7	1.926	2.766	14.2	20.4
6 30	20 38.85	−10 42.9	1.856	2.773	11.1	20.2
7 10	20 33.24	−11 25.1	1.807	2.780	7.5	20.0
7 20	20 26.29	−12 18.8	1.782	2.787	3.9	19.8
7 30	20 18.78	−13 20.2	1.784	2.795	2.5	19.8
8 9	20 11.62	−14 24.5	1.814	2.803	5.6	20.0
8 19	20 5.65	−15 26.9	1.869	2.812	9.2	20.2
8 29	20 1.53	−16 23.8	1.947	2.821	12.4	20.4

169518 2002 EH_{12} 7 25.9 92°.87 2°.6/24.8 17

6 20	20 51.55	−22 55.4	1.412	2.283	16.8	20.0
6 30	20 46.38	−23 36.1	1.354	2.293	12.7	19.8
7 10	20 38.35	−24 22.0	1.317	2.304	8.1	19.6
7 20	20 28.28	−25 6.7	1.304	2.314	3.6	19.3
7 30	20 17.46	−25 43.6	1.316	2.325	3.7	19.4
8 9	20 7.37	−26 8.1	1.353	2.335	8.1	19.7
8 19	19 59.28	−26 18.6	1.414	2.345	12.5	19.9
8 29	19 54.07	−26 16.0	1.495	2.355	16.2	20.2

282314 2002 TQ_{116} 7 25.9 269°.67 1°.6/26.8 18

6 20	20 47.85	−14 40.5	2.201	3.037	12.8	20.2
6 30	20 42.85	−14 31.7	2.097	3.014	10.0	20.0
7 10	20 35.85	−14 30.1	2.016	2.991	6.7	19.7
7 20	20 27.33	−14 34.5	1.960	2.967	3.2	19.4
7 30	20 18.03	−14 43.1	1.932	2.944	2.1	19.3
8 9	20 8.86	−14 53.7	1.932	2.919	5.6	19.5
8 19	20 0.72	−15 4.3	1.959	2.895	9.3	19.7
8 29	19 54.40	−15 13.2	2.010	2.869	12.7	19.9

275566 1999 TL_{7} 7 25.9 346°.63 7°.5/22.7 18

6 20	20 36.67	−30 17.8	0.969	1.886	18.7	18.4
6 30	20 36.52	−31 16.9	0.903	1.863	14.7	18.1
7 10	20 32.88	−32 16.2	0.853	1.843	10.6	17.8
7 20	20 26.43	−33 5.9	0.823	1.825	7.7	17.5
7 30	20 18.62	−33 35.3	0.812	1.810	8.7	17.5
8 9	20 11.38	−33 37.6	0.820	1.798	12.7	17.7
8 19	20 6.50	−33 11.6	0.846	1.788	17.4	17.9
8 29	20 5.23	−32 20.5	0.889	1.781	21.7	18.1

156787 2003 BY_{8} 7 25.9 312°.48 5°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.80	− 5 14.8	1.353	2.200	18.7	19.6
6 30	20 39.41	− 5 25.2	1.255	2.171	15.4	19.3
7 10	20 34.31	− 6 0.8	1.175	2.141	11.4	19.0
7 20	20 26.94	− 7 2.9	1.115	2.113	7.3	18.7
7 30	20 18.23	− 8 29.3	1.079	2.084	5.4	18.5
8 9	20 9.50	−10 13.0	1.066	2.057	8.4	18.6
8 19	20 2.15	−12 4.9	1.076	2.030	13.2	18.8
8 29	19 57.44	−13 54.9	1.107	2.004	18.0	19.0

145999 2000 CV_{30} 7 25.9 285°.87 0°.6/26.2 18

6 20	20 47.58	−16 24.4	1.535	2.396	16.2	20.7
6 30	20 43.50	−16 39.0	1.443	2.376	12.5	20.4
7 10	20 36.72	−17 4.7	1.372	2.356	8.2	20.1
7 20	20 27.79	−17 38.8	1.324	2.335	3.3	19.8
7 30	20 17.71	−18 16.9	1.301	2.315	2.1	19.6
8 9	20 7.82	−18 53.9	1.304	2.294	7.2	19.9
8 19	19 59.42	−19 25.8	1.331	2.274	12.1	20.1
8 29	19 53.61	−19 49.9	1.379	2.253	16.5	20.3

70497 1999 TZ_{86} 7 25.9 48°.26 2°.3/27.1 18

6 20	20 46.98	−12 8.8	1.200	2.068	19.3	18.8
6 30	20 43.07	−12 27.3	1.148	2.082	14.9	18.5
7 10	20 36.30	−13 3.5	1.115	2.097	9.9	18.3
7 20	20 27.51	−13 53.8	1.104	2.112	4.7	18.0
7 30	20 18.01	−14 52.2	1.116	2.128	2.8	18.0
8 9	20 9.28	−15 51.7	1.152	2.144	7.5	18.3
8 19	20 2.53	−16 46.4	1.211	2.161	12.3	18.6
8 29	19 58.66	−17 32.2	1.290	2.178	16.5	18.9

175845 1999 TF_{234} 7 25.9 313°.81 2°.5/25.2 18

6 20	20 50.31	−24 32.3	1.298	2.177	17.4	19.5
6 30	20 46.01	−24 35.9	1.220	2.163	13.4	19.2
7 10	20 38.49	−24 41.5	1.161	2.149	8.7	18.9
7 20	20 28.48	−24 44.1	1.124	2.135	3.8	18.6
7 30	20 17.30	−24 38.7	1.112	2.122	3.7	18.5
8 9	20 6.65	−24 22.0	1.123	2.109	8.7	18.8
8 19	19 58.03	−23 54.0	1.156	2.097	13.8	19.0
8 29	19 52.61	−23 16.3	1.210	2.086	18.2	19.3

411671 2011 WZ_{97} 7 25.9 237°.83 2°.2/24.8 17

6 20	20 50.12	−20 56.7	1.478	2.346	16.3	21.7
6 30	20 45.52	−21 52.1	1.400	2.338	12.5	21.4
7 10	20 38.03	−22 57.1	1.343	2.330	8.0	21.1
7 20	20 28.28	−24 5.6	1.310	2.321	3.4	20.8
7 30	20 17.43	−25 9.6	1.303	2.312	3.6	20.8
8 9	20 6.92	−26 2.4	1.320	2.303	8.3	21.1
8 19	19 58.15	−26 40.1	1.362	2.293	12.9	21.3
8 29	19 52.20	−27 1.9	1.425	2.283	17.0	21.6

371481 2006 TX_{39} 7 25.9 299°.46 2°.5/24.9 17

6 20	20 47.94	−22 36.2	1.397	2.274	16.6	21.3
6 30	20 44.15	−23 10.0	1.310	2.253	12.7	21.0
7 10	20 37.34	−23 51.1	1.244	2.232	8.3	20.7
7 20	20 28.09	−24 34.0	1.200	2.211	3.6	20.4
7 30	20 17.57	−25 11.8	1.181	2.190	3.8	20.3
8 9	20 7.30	−25 38.6	1.186	2.170	8.7	20.5
8 19	19 58.77	−25 51.6	1.213	2.150	13.6	20.8
8 29	19 53.19	−25 50.2	1.260	2.130	18.0	21.0

306965 2001 VZ_{19} 7 25.9 272°.05 1°.2/25.4 18

6 20	20 47.96	−19 57.5	1.733	2.594	14.6	21.1
6 30	20 43.53	−20 31.2	1.643	2.577	11.2	20.8
7 10	20 36.60	−21 13.0	1.575	2.560	7.2	20.6
7 20	20 27.73	−21 58.7	1.532	2.543	2.8	20.2
7 30	20 17.87	−22 43.0	1.514	2.526	2.5	20.2
8 9	20 8.23	−23 20.9	1.523	2.508	7.0	20.4
8 19	19 59.98	−23 49.2	1.557	2.491	11.4	20.6
8 29	19 54.10	−24 6.4	1.613	2.473	15.2	20.8

448674 2010 VN_{203} 7 25.9 268°.54 4°.4/28.6 18

6 20	20 44.13	− 5 50.2	2.333	3.142	13.1	21.3
6 30	20 39.76	− 5 27.5	2.246	3.137	10.6	21.1
7 10	20 33.73	− 5 16.8	2.181	3.132	7.9	20.9
7 20	20 26.51	− 5 18.4	2.140	3.127	5.4	20.8
7 30	20 18.74	− 5 31.6	2.127	3.122	4.4	20.7
8 9	20 11.21	− 5 54.4	2.140	3.117	6.0	20.8
8 19	20 4.64	− 6 24.1	2.179	3.112	8.7	20.9
8 29	19 59.63	− 6 57.4	2.243	3.107	11.4	21.1

256961 2008 EA_{83} 7 25.9 178°.49 4°.1/28.4 17

6 20	20 48.67	− 6 30.6	1.989	2.802	14.9	21.4
6 30	20 43.45	− 6 29.3	1.908	2.804	11.9	21.2
7 10	20 36.21	− 6 42.8	1.848	2.805	8.6	21.0
7 20	20 27.48	− 7 10.6	1.813	2.806	5.5	20.8
7 30	20 18.09	− 7 50.7	1.804	2.806	4.2	20.7
8 9	20 9.02	− 8 39.3	1.823	2.805	6.4	20.8
8 19	20 1.16	− 9 32.1	1.869	2.804	9.7	21.0
8 29	19 55.25	−10 25.1	1.938	2.802	12.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
161542 2004 WF_3			7 25.9 344.°84		0.°8/26.4 18	
	h m	° ′			°	m
6 20	20 40.26	−15 36.6	1.188	2.075	18.2	19.2
6 30	20 38.37	−15 54.8	1.115	2.061	14.1	18.9
7 10	20 33.62	−16 28.0	1.060	2.049	9.2	18.6
7 20	20 26.66	−17 13.1	1.026	2.038	3.8	18.3
7 30	20 18.62	−18 4.5	1.015	2.029	2.3	18.1
8 9	20 10.99	−18 55.3	1.027	2.021	7.9	18.4
8 19	20 5.15	−19 39.8	1.060	2.015	13.1	18.7
8 29	20 2.18	−20 13.9	1.112	2.010	17.8	19.0
367078 2006 PH_{29}			7 25.9 352.°14		2.°3/26.9 17	
6 20	20 39.71	−14 36.4	0.949	1.848	20.6	20.1
6 30	20 38.41	−14 25.4	0.887	1.839	16.1	19.8
7 10	20 33.85	−14 30.5	0.841	1.831	10.8	19.5
7 20	20 26.78	−14 50.2	0.814	1.825	5.0	19.2
7 30	20 18.57	−15 20.3	0.807	1.820	3.1	19.0
8 9	20 10.95	−15 54.5	0.821	1.818	8.7	19.4
8 19	20 5.47	−16 27.1	0.854	1.817	14.4	19.7
8 29	20 3.30	−16 53.4	0.905	1.819	19.3	20.0
424403 2008 AL_{23}			7 25.9 241.°74		1.°6/25.2 17	
6 20	20 50.51	−20 56.3	1.745	2.603	14.7	22.4
6 30	20 45.46	−21 33.6	1.657	2.589	11.2	22.2
7 10	20 37.83	−22 18.3	1.591	2.576	7.2	21.9
7 20	20 28.21	−23 5.4	1.550	2.561	2.9	21.6
7 30	20 17.59	−23 49.4	1.536	2.546	2.8	21.6
8 9	20 7.22	−24 25.4	1.548	2.531	7.2	21.8
8 19	19 58.31	−24 50.4	1.585	2.515	11.5	22.0
8 29	19 51.83	−25 3.5	1.645	2.498	15.3	22.2
187712 2008 ET_{54}			7 25.9 114.°25		1.°3/25.3 17	
6 20	20 50.89	−20 18.6	1.728	2.584	14.9	21.4
6 30	20 45.38	−20 57.5	1.667	2.599	11.2	21.2
7 10	20 37.51	−21 42.6	1.629	2.613	7.1	21.0
7 20	20 27.98	−22 29.3	1.616	2.627	2.8	20.7
7 30	20 17.85	−23 12.0	1.630	2.641	2.5	20.7
8 9	20 8.30	−23 46.6	1.670	2.654	6.7	21.0
8 19	20 0.36	−24 10.8	1.736	2.667	10.6	21.3
8 29	19 54.80	−24 24.1	1.825	2.679	14.0	21.5
8713 Azusa			7 25.9 240.°29		2.°1/24.9 18	
6 20	20 50.58	−21 41.8	1.588	2.452	15.6	17.7
6 30	20 45.72	−22 25.3	1.506	2.442	11.9	17.4
7 10	20 38.10	−23 16.3	1.446	2.431	7.6	17.2
7 20	20 28.34	−24 9.2	1.410	2.421	3.3	16.9
7 30	20 17.53	−24 57.5	1.400	2.409	3.3	16.9
8 9	20 7.05	−25 35.6	1.416	2.398	7.8	17.1
8 19	19 58.20	−26 0.5	1.456	2.386	12.3	17.3
8 29	19 52.03	−26 11.7	1.518	2.373	16.2	17.6
52607 1997 TX_{16}			7 25.9 125.°65		6.°8/22.1 18	
6 20	20 51.68	−33 34.6	1.689	2.554	14.8	18.4
6 30	20 46.52	−34 50.6	1.628	2.557	11.7	18.2
7 10	20 38.52	−36 2.9	1.590	2.559	8.7	18.0
7 20	20 28.45	−37 3.1	1.575	2.562	6.9	17.9
7 30	20 17.51	−37 43.8	1.586	2.564	7.7	18.0
8 9	20 7.17	−38 1.1	1.621	2.567	10.3	18.2
8 19	19 58.70	−37 55.5	1.680	2.569	13.3	18.3
8 29	19 53.04	−37 30.1	1.758	2.571	16.2	18.6
245556 2005 UE_{57}			7 25.9 280.°70		0.°5/25.7 18	
6 20	20 44.96	−19 5.3	2.210	3.062	12.2	20.8
6 30	20 40.66	−19 31.1	2.120	3.049	9.3	20.6
7 10	20 34.46	−20 3.3	2.054	3.037	5.9	20.3
7 20	20 26.86	−20 38.8	2.013	3.024	2.3	20.1
7 30	20 18.60	−21 14.0	2.000	3.012	1.8	20.0
8 9	20 10.55	−21 45.6	2.014	2.999	5.5	20.3
8 19	20 3.56	−22 10.9	2.054	2.987	9.1	20.4
8 29	19 58.35	−22 28.7	2.119	2.974	12.3	20.6
308681 2006 DH_{63}			7 25.9 175.°81		1.°7/25.1 17	
6 20	20 50.96	−20 11.4	1.511	2.375	16.2	20.9
6 30	20 45.97	−21 0.6	1.441	2.376	12.3	20.6
7 10	20 38.20	−21 58.7	1.392	2.378	7.9	20.4
7 20	20 28.37	−22 59.9	1.367	2.378	3.2	20.1
7 30	20 17.61	−23 57.1	1.368	2.379	3.1	20.1
8 9	20 7.34	−24 44.4	1.395	2.379	7.7	20.4
8 19	19 58.82	−25 18.5	1.446	2.378	12.2	20.6
8 29	19 53.04	−25 38.5	1.519	2.377	16.1	20.9
403345 2009 EF_{25}			7 25.9 172.°37		0.°2/25.9 18	
6 20	20 46.82	−18 42.5	2.105	2.955	12.8	21.5
6 30	20 42.02	−18 59.5	2.028	2.956	9.8	21.3
7 10	20 35.28	−19 22.5	1.974	2.956	6.2	21.1
7 20	20 27.15	−19 48.5	1.945	2.957	2.4	20.9
7 30	20 18.44	−20 14.3	1.944	2.957	1.7	20.8
8 9	20 10.09	−20 36.8	1.971	2.958	5.5	21.1
8 19	20 2.93	−20 54.0	2.024	2.958	9.1	21.3
8 29	19 57.66	−21 4.7	2.100	2.958	12.3	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
480768 2016 PX_2			7 25.9 163.°44		5.°2/23.5 18	
	h m	° ′			°	m
6 20	20 54.14	−32 59.8	1.999	2.851	13.3	21.6
6 30	20 47.82	−33 34.4	1.931	2.854	10.4	21.4
7 10	20 39.06	−34 4.2	1.886	2.857	7.5	21.2
7 20	20 28.60	−34 23.6	1.867	2.860	5.4	21.1
7 30	20 17.51	−34 27.9	1.874	2.862	5.8	21.1
8 9	20 7.02	−34 15.1	1.908	2.864	8.3	21.3
8 19	19 58.20	−33 46.2	1.967	2.865	11.3	21.5
8 29	19 51.84	−33 4.2	2.049	2.867	14.0	21.6
495979 2007 TM_{145}			7 25.9 322.°37		1.°7/25.4 18	
6 20	20 44.76	−21 21.1	1.072	1.968	19.0	20.7
6 30	20 42.42	−21 36.5	0.993	1.945	14.7	20.4
7 10	20 36.62	−22 0.7	0.931	1.923	9.5	20.0
7 20	20 27.97	−22 28.7	0.890	1.902	3.8	19.6
7 30	20 17.80	−22 53.8	0.870	1.882	3.4	19.5
8 9	20 7.95	−23 9.9	0.871	1.863	9.5	19.8
8 19	20 0.20	−23 13.6	0.893	1.845	15.4	20.0
8 29	19 55.97	−23 4.1	0.932	1.829	20.5	20.3
150618 2000 YO_{64}			7 25.9 305.°12		2.°4/26.9 18	
6 20	20 49.57	−14 43.2	2.169	3.003	13.1	19.2
6 30	20 44.00	−13 59.0	2.081	2.996	10.2	19.0
7 10	20 36.50	−13 19.6	2.016	2.988	6.9	18.8
7 20	20 27.61	−12 45.2	1.977	2.981	3.6	18.6
7 30	20 18.14	−12 15.4	1.966	2.975	2.7	18.5
8 9	20 9.01	−11 49.8	1.983	2.968	5.7	18.7
8 19	20 1.05	−11 27.6	2.027	2.961	9.1	18.9
8 29	19 54.97	−11 8.2	2.095	2.955	12.2	19.1
18731 Vil′bakirov			7 25.9 139.°45		4.°2/28.8 18	
6 20	20 44.35	− 5 44.4	2.319	3.127	13.1	17.9
6 30	20 39.91	− 5 30.7	2.239	3.130	10.6	17.7
7 10	20 33.83	− 5 29.6	2.181	3.132	7.8	17.5
7 20	20 26.58	− 5 41.1	2.147	3.135	5.3	17.4
7 30	20 18.85	− 6 4.0	2.140	3.137	4.3	17.3
8 9	20 11.39	− 6 35.9	2.161	3.139	5.8	17.4
8 19	20 4.91	− 7 13.5	2.208	3.142	8.5	17.6
8 29	20 0.02	− 7 53.6	2.279	3.144	11.2	17.8
45511 2000 BC_{23}			7 26.0 76.°83		0.°5/26.4 18	
6 20	20 44.36	−16 26.3	2.396	3.238	11.7	18.9
6 30	20 39.88	−16 40.6	2.324	3.246	8.9	18.7
7 10	20 33.78	−17 1.5	2.275	3.255	5.7	18.5
7 20	20 26.57	−17 26.6	2.252	3.263	2.3	18.3
7 30	20 18.91	−17 53.4	2.258	3.271	1.4	18.2
8 9	20 11.59	−18 19.1	2.291	3.279	4.8	18.5
8 19	20 5.29	−18 41.6	2.351	3.287	8.0	18.7
8 29	20 0.57	−18 59.6	2.436	3.295	10.8	18.9
74266 1998 SH_{102}			7 26.0 343.°11		9.°4/21.4 18	
6 20	20 53.24	−40 56.1	1.653	2.510	15.4	18.8
6 30	20 48.03	−42 0.7	1.592	2.506	12.8	18.7
7 10	20 39.64	−42 54.6	1.552	2.502	10.6	18.5
7 20	20 28.94	−43 28.8	1.534	2.498	9.4	18.4
7 30	20 17.34	−43 36.5	1.540	2.495	10.1	18.5
8 9	20 6.50	−43 15.2	1.569	2.493	12.1	18.6
8 19	19 57.86	−42 27.5	1.620	2.490	14.8	18.8
8 29	19 52.38	−41 18.9	1.690	2.488	17.3	18.9
423410 2005 MH_{25}			7 26.0 15.°54		0.°3/26.1 17	
6 20	20 48.81	−19 31.1	1.210	2.090	18.4	20.1
6 30	20 44.65	−19 13.0	1.151	2.093	14.1	19.8
7 10	20 37.46	−19 1.4	1.110	2.097	9.0	19.5
7 20	20 28.10	−18 53.7	1.090	2.102	3.5	19.2
7 30	20 17.93	−18 46.6	1.095	2.108	2.3	19.2
8 9	20 8.54	−18 37.6	1.123	2.115	7.8	19.5
8 19	20 1.24	−18 25.2	1.173	2.122	12.8	19.8
8 29	19 56.98	−18 9.0	1.243	2.130	17.1	20.1
163949 2003 UN_{21}			7 26.0 213.°92		4.°2/24.0 18	
6 20	20 52.93	−30 55.9	2.104	2.955	12.8	20.2
6 30	20 46.82	−31 18.8	2.026	2.951	9.9	20.0
7 10	20 38.43	−31 38.5	1.972	2.947	6.9	19.8
7 20	20 28.40	−31 50.0	1.944	2.943	4.5	19.7
7 30	20 17.73	−31 49.3	1.943	2.938	4.8	19.7
8 9	20 7.54	−31 34.5	1.969	2.933	7.5	19.8
8 19	19 58.85	−31 6.1	2.021	2.928	10.6	20.0
8 29	19 52.43	−30 26.4	2.096	2.922	13.5	20.2
420847 2013 JN_{47}			7 26.0 13.°56		4.°2/28.0 17	
6 20	20 40.73	− 9 19.5	0.941	1.828	21.8	20.1
6 30	20 39.01	− 9 24.0	0.890	1.831	17.3	19.9
7 10	20 34.13	− 9 53.3	0.854	1.837	12.0	19.6
7 20	20 26.90	−10 45.7	0.837	1.843	6.6	19.3
7 30	20 18.72	−11 55.2	0.841	1.852	4.4	19.2
8 9	20 11.28	−13 12.5	0.866	1.861	8.6	19.5
8 19	20 5.98	−14 28.4	0.911	1.873	13.8	19.9
8 29	20 3.86	−15 35.3	0.974	1.885	18.5	20.2