213542 2002 JG_{76} 7 31.9 115°.25 3°.3/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.68	− 9 5.9	1.502	2.375	15.9	20.7
7 10	21 5.55	− 9 6.2	1.444	2.385	11.9	20.5
7 20	20 57.17	− 9 21.5	1.408	2.395	7.6	20.3
7 30	20 47.42	− 9 49.6	1.396	2.404	3.8	20.1
8 9	20 37.50	−10 26.3	1.410	2.413	4.5	20.2
8 19	20 28.59	−11 6.8	1.450	2.422	8.6	20.4
8 29	20 21.71	−11 46.3	1.513	2.431	12.6	20.7
9 8	20 17.53	−12 21.1	1.597	2.439	16.1	20.9

144093 2004 BZ_{56} 7 31.9 218°.84 0°.3/ 1.2 17 R

6 30	21 11.30	−15 35.1	1.788	2.670	13.3	21.1
7 10	21 5.23	−15 58.9	1.712	2.663	9.7	20.8
7 20	20 57.02	−16 31.3	1.660	2.656	5.5	20.6
7 30	20 47.42	−17 8.5	1.633	2.648	1.0	20.2
8 9	20 37.45	−17 45.8	1.634	2.639	3.6	20.4
8 19	20 28.22	−18 19.1	1.662	2.631	8.0	20.7
8 29	20 20.74	−18 45.4	1.715	2.621	12.0	20.9
9 8	20 15.72	−19 3.1	1.788	2.611	15.5	21.1

284424 2007 BO_{36} 7 31.9 158°.43 2°.2/30.6 17

6 30	21 11.93	−22 0.7	1.878	2.767	12.4	21.3
7 10	21 5.53	−22 43.1	1.817	2.773	8.9	21.1
7 20	20 57.09	−23 28.0	1.780	2.777	5.1	20.9
7 30	20 47.42	−24 10.1	1.770	2.782	2.2	20.7
8 9	20 37.54	−24 44.6	1.788	2.786	4.6	20.9
8 19	20 28.52	−25 8.2	1.832	2.789	8.3	21.1
8 29	20 21.31	−25 19.5	1.901	2.792	11.8	21.3
9 8	20 16.51	−25 19.0	1.991	2.795	14.8	21.6

470632 2008 SS_{47} 7 31.9 232°.74 4°.8/28.9 18

6 30	21 14.51	−31 12.1	2.204	3.086	11.1	22.1
7 10	21 7.37	−31 51.1	2.128	3.073	8.4	21.9
7 20	20 58.16	−32 25.5	2.076	3.060	5.8	21.7
7 30	20 47.61	−32 49.6	2.052	3.045	4.8	21.6
8 9	20 36.74	−32 59.0	2.055	3.030	6.4	21.7
8 19	20 26.63	−32 52.1	2.085	3.015	9.1	21.8
8 29	20 18.25	−32 29.2	2.140	2.999	12.0	22.0
9 8	20 12.28	−31 52.9	2.216	2.982	14.6	22.1

514924 2008 UB_{122} 7 31.9 327°.10 4°.0/28.9 18

6 30	21 7.50	−30 3.8	2.461	3.351	9.8	21.2
7 10	21 2.08	−30 39.8	2.395	3.346	7.3	21.1
7 20	20 55.07	−31 12.3	2.354	3.341	5.0	20.9
7 30	20 47.07	−31 37.1	2.340	3.336	4.0	20.8
8 9	20 38.90	−31 50.8	2.353	3.332	5.4	20.9
8 19	20 31.37	−31 51.6	2.393	3.327	7.9	21.1
8 29	20 25.24	−31 39.5	2.457	3.323	10.4	21.2
9 8	20 21.03	−31 15.8	2.543	3.319	12.7	21.4

353177 2009 OF_{21} 7 31.9 26°.64 2°.1/31.2 18

6 30	21 12.30	−24 20.7	1.530	2.430	14.1	19.1
7 10	21 5.82	−24 4.9	1.487	2.447	10.1	18.9
7 20	20 57.18	−23 47.5	1.466	2.465	5.7	18.6
7 30	20 47.40	−23 25.2	1.471	2.483	2.2	18.5
8 9	20 37.75	−22 56.0	1.501	2.503	4.6	18.7
8 19	20 29.38	−22 19.6	1.557	2.523	8.7	19.0
8 29	20 23.20	−21 37.1	1.636	2.544	12.5	19.2
9 8	20 19.72	−20 49.9	1.737	2.566	15.6	19.5

129839 1999 RH_{21} 7 31.9 327°.84 5°.8/29.3 18

6 30	21 10.18	−29 24.5	1.356	2.266	14.8	19.3
7 10	21 5.19	−30 3.7	1.287	2.248	11.1	19.0
7 20	20 57.31	−30 39.2	1.238	2.231	7.5	18.7
7 30	20 47.50	−31 3.0	1.212	2.214	5.8	18.6
8 9	20 37.19	−31 8.3	1.210	2.198	8.1	18.7
8 19	20 27.96	−30 52.4	1.231	2.183	12.1	18.9
8 29	20 21.20	−30 16.1	1.273	2.169	16.1	19.1
9 8	20 17.77	−29 23.0	1.333	2.156	19.7	19.3

170686 2004 AK_{24} 7 31.9 237°.09 0°.0/31.9 18

6 30	21 7.40	−15 16.6	2.217	3.095	11.2	20.8
7 10	21 2.16	−16 4.6	2.134	3.084	8.1	20.6
7 20	20 55.20	−17 1.3	2.077	3.073	4.6	20.3
7 30	20 47.12	−18 2.7	2.046	3.061	0.8	20.0
8 9	20 38.70	−19 4.0	2.045	3.049	3.1	20.2
8 19	20 30.78	−20 1.0	2.071	3.037	6.9	20.4
8 29	20 24.18	−20 50.1	2.123	3.024	10.3	20.6
9 8	20 19.52	−21 29.2	2.198	3.011	13.3	20.8

245593 2005 VL_{15} 7 31.9 273°.46 1°.0/ 1.7 18

6 30	21 6.88	−13 50.0	2.269	3.143	11.2	20.7
7 10	21 1.70	−13 59.5	2.184	3.130	8.2	20.4
7 20	20 54.91	−14 16.5	2.123	3.116	4.8	20.2
7 30	20 47.07	−14 38.9	2.089	3.102	1.5	20.0
8 9	20 38.94	−15 3.6	2.083	3.089	2.9	20.0
8 19	20 31.31	−15 28.0	2.105	3.075	6.5	20.3
8 29	20 24.96	−15 49.5	2.153	3.061	9.9	20.4
9 8	20 20.48	−16 6.1	2.223	3.047	12.8	20.6

252838 2002 GO_{121} 7 31.9 352°.71 4°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.99	−30 29.7	2.008	2.901	11.5	19.3
7 10	21 4.13	−31 5.2	1.948	2.899	8.6	19.1
7 20	20 56.31	−31 36.0	1.911	2.898	5.9	19.0
7 30	20 47.30	−31 56.8	1.900	2.897	4.7	18.9
8 9	20 38.12	−32 3.7	1.916	2.896	6.3	19.0
8 19	20 29.81	−31 55.2	1.957	2.895	9.2	19.2
8 29	20 23.27	−31 31.6	2.023	2.895	12.1	19.4
9 8	20 19.09	−30 55.4	2.109	2.895	14.7	19.5

318517 2005 EM_{188} 7 31.9 105°.99 12°.8/13.3 17

6 30	21 8.88	+18 48.9	1.732	2.450	20.1	20.3
7 10	21 3.38	+19 9.4	1.675	2.466	18.1	20.2
7 20	20 55.90	+18 55.1	1.632	2.482	15.9	20.1
7 30	20 47.23	+18 3.1	1.609	2.498	14.0	20.0
8 9	20 38.39	+16 34.8	1.606	2.513	13.0	20.0
8 19	20 30.41	+14 35.9	1.627	2.528	13.0	20.0
8 29	20 24.20	+12 16.1	1.670	2.543	14.2	20.1
9 8	20 20.37	+ 9 46.7	1.736	2.556	16.0	20.3

297573 2001 RK_{108} 7 31.9 298°.72 3°.8/29.9 18

6 30	21 10.79	−27 9.3	1.857	2.753	12.2	20.6
7 10	21 4.94	−27 37.7	1.781	2.737	9.0	20.3
7 20	20 56.90	−28 4.5	1.728	2.721	5.6	20.1
7 30	20 47.42	−28 24.0	1.700	2.706	3.8	20.0
8 9	20 37.59	−28 31.9	1.700	2.690	5.8	20.1
8 19	20 28.55	−28 25.8	1.725	2.675	9.3	20.2
8 29	20 21.34	−28 5.5	1.773	2.660	12.8	20.4
9 8	20 16.67	−27 32.8	1.843	2.645	15.9	20.6

167986 2005 GX_{66} 7 31.9 0°.83 0°.8/ 1.5 18

6 30	21 7.21	−14 24.1	1.702	2.590	13.5	20.0
7 10	21 2.27	−14 42.4	1.636	2.589	9.9	19.8
7 20	20 55.33	−15 10.3	1.593	2.589	5.7	19.5
7 30	20 47.15	−15 44.4	1.575	2.589	1.4	19.2
8 9	20 38.72	−16 20.4	1.583	2.589	3.5	19.4
8 19	20 31.07	−16 54.0	1.617	2.590	7.8	19.7
8 29	20 25.15	−17 22.0	1.675	2.590	11.7	19.9
9 8	20 21.59	−17 42.2	1.754	2.592	15.1	20.1

523708 2014 JB_{80} 7 31.9 10°.91 0°.0/ 1.2 18

6 30	20 51.87	−16 44.7	12.068	12.938	2.4	22.1
7 10	20 50.07	−16 55.4	11.998	12.943	1.7	22.1
7 20	20 48.05	−17 7.0	11.955	12.949	1.0	22.0
7 30	20 45.90	−17 19.2	11.940	12.955	0.2	21.9
8 9	20 43.72	−17 31.4	11.956	12.961	0.6	22.0
8 19	20 41.63	−17 43.3	12.001	12.967	1.4	22.0
8 29	20 39.73	−17 54.5	12.074	12.972	2.1	22.1
9 8	20 38.11	−18 4.4	12.173	12.978	2.8	22.2

11107 Hakkoda 8 1.0 316°.34 5°.4/ 4.4 18

6 30	21 5.65	− 2 42.3	1.964	2.807	13.9	17.3
7 10	21 0.98	− 2 21.9	1.883	2.798	11.1	17.1
7 20	20 54.57	− 2 17.3	1.825	2.789	8.2	16.9
7 30	20 47.03	− 2 29.1	1.790	2.780	5.8	16.7
8 9	20 39.18	− 2 55.4	1.782	2.771	5.7	16.7
8 19	20 31.88	− 3 33.1	1.799	2.762	8.0	16.8
8 29	20 25.98	− 4 17.9	1.841	2.754	11.0	17.0
9 8	20 22.10	− 5 4.9	1.905	2.746	13.9	17.2

438774 2008 UP_{349} 8 1.0 256°.68 6°.9/ 4.8 17

6 30	21 8.86	− 0 11.2	1.872	2.701	15.0	20.9
7 10	21 3.36	+ 0 30.0	1.792	2.693	12.3	20.7
7 20	20 55.95	+ 0 53.9	1.733	2.685	9.5	20.5
7 30	20 47.27	+ 0 58.8	1.699	2.677	7.3	20.3
8 9	20 38.23	+ 0 45.4	1.690	2.668	7.1	20.3
8 19	20 29.80	+ 0 16.4	1.706	2.660	9.1	20.4
8 29	20 22.90	− 0 23.9	1.747	2.651	12.0	20.6
9 8	20 18.20	− 1 9.9	1.809	2.643	14.9	20.7

396969 2005 SB_{34} 8 1.0 307°.87 1°.2/31.2 17

6 30	21 6.54	−19 20.9	1.964	2.857	11.8	20.9
7 10	21 1.71	−19 58.6	1.888	2.846	8.5	20.6
7 20	20 55.02	−20 41.9	1.836	2.834	4.7	20.4
7 30	20 47.11	−21 26.3	1.810	2.823	1.3	20.1
8 9	20 38.87	−22 7.3	1.810	2.813	3.9	20.3
8 19	20 31.26	−22 40.9	1.838	2.802	7.8	20.5
8 29	20 25.16	−23 4.6	1.890	2.792	11.3	20.7
9 8	20 21.24	−23 17.5	1.963	2.782	14.4	20.9

57846 2001 XR_{72} 8 1.0 142°.76 1°.3/30.9 18

6 30	21 6.75	−18 55.8	2.179	3.066	11.0	19.2
7 10	21 1.64	−19 53.4	2.114	3.069	7.8	19.0
7 20	20 54.88	−20 56.4	2.073	3.071	4.4	18.8
7 30	20 47.08	−22 0.2	2.060	3.073	1.4	18.6
8 9	20 39.05	−22 59.7	2.075	3.076	3.7	18.8
8 19	20 31.64	−23 50.8	2.118	3.078	7.2	19.0
8 29	20 25.62	−24 31.0	2.186	3.080	10.4	19.2
9 8	20 21.56	−24 59.2	2.276	3.082	13.1	19.4

367900 2012 BZ_{18} 8 1.0 186°.21 0°.6/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.32	−15 44.8	1.614	2.498	14.4	21.3
7 10	21 6.77	−15 52.6	1.547	2.498	10.5	21.1
7 20	20 57.91	−16 8.5	1.502	2.498	6.0	20.8
7 30	20 47.60	−16 28.8	1.483	2.497	1.3	20.5
8 9	20 37.01	−16 49.5	1.490	2.496	3.8	20.7
8 19	20 27.35	−17 7.1	1.524	2.494	8.5	21.0
8 29	20 19.70	−17 19.0	1.582	2.492	12.7	21.2
9 8	20 14.76	−17 24.1	1.661	2.489	16.2	21.5

359492 2010 OR_{82} 8 1.0 29°.90 1°.4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.84	−20 17.6	2.127	3.017	11.1	20.5
7 10	21 1.71	−20 53.8	2.063	3.019	7.9	20.3
7 20	20 54.91	−21 33.6	2.023	3.021	4.4	20.1
7 30	20 47.09	−22 13.1	2.009	3.023	1.4	19.9
8 9	20 39.07	−22 48.1	2.024	3.025	3.7	20.1
8 19	20 31.72	−23 15.5	2.065	3.027	7.2	20.3
8 29	20 25.82	−23 33.4	2.131	3.029	10.5	20.5
9 8	20 21.92	−23 41.4	2.220	3.031	13.2	20.7

165117 2000 JB_{61} 8 1.0 14°.92 8°.7/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.30	− 5 15.7	0.700	1.620	23.4	18.1
7 10	20 59.26	− 4 2.4	0.668	1.628	18.5	17.8
7 20	20 54.05	− 3 19.8	0.651	1.638	13.5	17.6
7 30	20 46.95	− 3 10.6	0.651	1.652	9.5	17.5
8 9	20 39.78	− 3 31.2	0.668	1.668	9.2	17.5
8 19	20 34.20	− 4 13.4	0.703	1.686	12.7	17.8
8 29	20 31.56	− 5 6.6	0.755	1.707	17.1	18.2
9 8	20 32.45	− 6 0.0	0.823	1.730	21.2	18.5

368365 2002 QN_{150} 8 1.0 53°.62 1°.6/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.21	−19 18.0	1.246	2.152	16.2	20.4
7 10	21 5.55	−19 56.3	1.203	2.167	11.5	20.2
7 20	20 57.28	−20 41.1	1.181	2.181	6.4	19.9
7 30	20 47.50	−21 25.9	1.182	2.196	1.7	19.7
8 9	20 37.65	−22 3.7	1.208	2.212	5.0	20.0
8 19	20 29.13	−22 30.1	1.258	2.227	9.9	20.3
8 29	20 23.07	−22 43.2	1.329	2.243	14.3	20.6
9 8	20 20.11	−22 43.2	1.420	2.259	17.9	20.9

142064 2002 QY_{32} 8 1.0 250°.02 2°.9/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.61	−23 56.0	1.611	2.507	13.8	20.1
7 10	21 7.17	−24 23.0	1.540	2.498	10.0	19.9
7 20	20 58.25	−24 51.1	1.491	2.488	5.9	19.6
7 30	20 47.69	−25 14.3	1.468	2.479	2.9	19.4
8 9	20 36.76	−25 27.7	1.471	2.469	5.4	19.5
8 19	20 26.78	−25 28.2	1.500	2.459	9.7	19.8
8 29	20 18.91	−25 15.4	1.552	2.448	13.7	20.0
9 8	20 13.94	−24 50.8	1.624	2.438	17.2	20.2

234301 2000 YJ_{130} 8 1.0 238°.52 1°.2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.45	−19 9.2	2.030	2.916	11.8	21.1
7 10	21 3.80	−19 52.4	1.951	2.905	8.5	20.8
7 20	20 56.21	−20 41.5	1.895	2.893	4.7	20.6
7 30	20 47.35	−21 31.7	1.867	2.881	1.3	20.3
8 9	20 38.12	−22 18.2	1.867	2.868	3.9	20.5
8 19	20 29.49	−22 56.9	1.893	2.855	7.8	20.7
8 29	20 22.39	−23 25.3	1.946	2.842	11.4	20.9
9 8	20 17.49	−23 42.4	2.019	2.828	14.4	21.1

234104 1999 UA_{57} 8 1.0 323°.69 1°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.65	−12 36.3	1.604	2.490	14.3	20.6
7 10	21 2.76	−12 43.0	1.532	2.482	10.6	20.4
7 20	20 55.72	−13 1.2	1.481	2.475	6.4	20.1
7 30	20 47.27	−13 28.3	1.455	2.468	2.3	19.8
8 9	20 38.48	−14 0.3	1.455	2.461	3.8	19.9
8 19	20 30.45	−14 32.9	1.480	2.455	8.2	20.2
8 29	20 24.23	−15 2.2	1.529	2.449	12.4	20.4
9 8	20 20.52	−15 25.4	1.599	2.443	16.0	20.6

438828 2009 BR_{7} 8 1.0 147°.18 1°.4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.25	−14 5.4	2.211	3.079	11.6	21.1
7 10	21 4.70	−13 53.0	2.143	3.085	8.5	20.9
7 20	20 56.53	−13 46.8	2.100	3.091	5.1	20.7
7 30	20 47.39	−13 45.0	2.085	3.097	1.7	20.5
8 9	20 38.13	−13 45.6	2.098	3.102	3.1	20.6
8 19	20 29.57	−13 46.9	2.139	3.108	6.5	20.8
8 29	20 22.49	−13 47.1	2.207	3.112	9.8	21.0
9 8	20 17.40	−13 45.0	2.298	3.117	12.6	21.2

40482 1999 RA_{62} 8 1.0 212°.31 4°.6/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.19	− 1 52.4	2.176	3.007	13.1	19.5
7 10	21 1.97	− 2 7.5	2.093	3.002	10.4	19.4
7 20	20 55.11	− 2 39.6	2.032	2.995	7.5	19.2
7 30	20 47.18	− 3 27.9	1.997	2.989	5.1	19.0
8 9	20 38.95	− 4 29.2	1.990	2.982	4.9	19.0
8 19	20 31.23	− 5 39.2	2.010	2.974	7.2	19.1
8 29	20 24.79	− 6 52.7	2.056	2.966	10.2	19.3
9 8	20 20.25	− 8 4.6	2.126	2.958	13.0	19.5

64881 2001 YU_{70} 8 1.0 175°.20 1°.1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.66	−20 7.4	2.637	3.518	9.6	21.1
7 10	21 2.05	−20 39.9	2.568	3.520	6.8	20.9
7 20	20 55.03	−21 15.2	2.525	3.521	3.8	20.7
7 30	20 47.15	−21 50.2	2.509	3.522	1.2	20.5
8 9	20 39.11	−22 21.5	2.523	3.523	3.1	20.7
8 19	20 31.59	−22 46.7	2.565	3.524	6.2	20.9
8 29	20 25.28	−23 4.2	2.633	3.524	9.0	21.0
9 8	20 20.64	−23 13.6	2.725	3.523	11.4	21.2

378307 2007 FO_{12} 8 1.0 131°.79 6°.2/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.10	+ 0 58.5	1.901	2.725	15.0	21.8
7 10	21 2.68	+ 1 0.9	1.835	2.734	12.2	21.6
7 20	20 55.51	+ 0 42.9	1.790	2.742	9.2	21.5
7 30	20 47.24	+ 0 4.9	1.769	2.750	6.8	21.3
8 9	20 38.77	− 0 50.2	1.774	2.757	6.4	21.3
8 19	20 31.00	− 1 57.6	1.805	2.764	8.3	21.5
8 29	20 24.76	− 3 11.4	1.862	2.771	11.1	21.7
9 8	20 20.62	− 4 25.6	1.941	2.778	13.9	21.9

74683 1999 RC_{122} 8 1.0 334°.80 5°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.62	− 6 11.4	1.184	2.071	18.3	18.8
7 10	21 1.86	− 6 10.7	1.116	2.061	14.2	18.5
7 20	20 55.47	− 6 33.0	1.067	2.052	9.7	18.2
7 30	20 47.28	− 7 17.1	1.038	2.043	5.7	18.0
8 9	20 38.58	− 8 18.3	1.033	2.035	5.9	18.0
8 19	20 30.78	− 9 29.3	1.050	2.028	10.1	18.2
8 29	20 25.21	−10 41.6	1.088	2.022	14.8	18.4
9 8	20 22.72	−11 47.9	1.145	2.017	19.1	18.7

515070 2010 OA_{34} 8 1.0 299°.66 0°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.56	−14 56.1	2.079	2.962	11.7	21.0
7 10	21 0.93	−15 32.7	1.999	2.950	8.5	20.7
7 20	20 54.58	−16 18.2	1.942	2.938	4.8	20.5
7 30	20 47.10	−17 9.0	1.913	2.927	0.9	20.2
8 9	20 39.30	−18 0.7	1.910	2.916	3.1	20.3
8 19	20 32.04	−18 49.2	1.935	2.905	7.0	20.6
8 29	20 26.15	−19 30.9	1.985	2.894	10.6	20.8
9 8	20 22.24	−20 3.6	2.058	2.883	13.6	21.0

481750 2008 HN_{23} 8 1.0 271°.32 3°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.83	−23 52.2	2.225	3.117	10.6	20.9
7 10	21 1.84	−25 1.7	2.151	3.108	7.6	20.7
7 20	20 55.10	−26 13.9	2.103	3.098	4.6	20.5
7 30	20 47.19	−27 23.3	2.082	3.088	3.0	20.3
8 9	20 38.95	−28 24.4	2.089	3.079	5.0	20.5
8 19	20 31.25	−29 13.1	2.123	3.069	8.1	20.6
8 29	20 24.94	−29 47.4	2.182	3.059	11.1	20.8
9 8	20 20.65	−30 6.9	2.262	3.049	13.8	21.0

268303 2005 QS_{111} 8 1.0 282°.01 0°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.84	−15 41.8	1.577	2.468	14.3	21.1
7 10	21 4.51	−15 59.8	1.498	2.453	10.5	20.8
7 20	20 56.82	−16 27.3	1.440	2.438	6.0	20.5
7 30	20 47.51	−17 0.6	1.408	2.422	1.2	20.1
8 9	20 37.72	−17 34.8	1.401	2.407	3.9	20.3
8 19	20 28.66	−18 5.5	1.420	2.392	8.8	20.6
8 29	20 21.50	−18 29.1	1.462	2.376	13.2	20.8
9 8	20 17.05	−18 43.7	1.524	2.361	17.0	21.0

472753 2015 FP_{111} 8 1.0 100°.14 4°.9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.63	−29 42.4	1.687	2.581	13.3	20.8
7 10	21 7.70	−30 15.9	1.633	2.587	9.9	20.6
7 20	20 58.42	−30 44.3	1.603	2.592	6.5	20.4
7 30	20 47.75	−31 1.2	1.598	2.598	4.9	20.3
8 9	20 36.98	−31 2.3	1.619	2.603	6.8	20.4
8 19	20 27.37	−30 46.3	1.665	2.609	10.1	20.6
8 29	20 19.98	−30 14.5	1.735	2.614	13.4	20.9
9 8	20 15.42	−29 30.2	1.825	2.619	16.3	21.1

273980 2007 LJ_{21} 8 1.0 126°.51 3°.9/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.11	− 5 42.7	1.920	2.771	13.8	21.0
7 10	21 3.38	− 5 47.9	1.857	2.782	10.6	20.8
7 20	20 55.88	− 6 8.1	1.816	2.792	7.2	20.7
7 30	20 47.32	− 6 41.8	1.801	2.802	4.3	20.5
8 9	20 38.60	− 7 25.5	1.813	2.812	4.5	20.5
8 19	20 30.62	− 8 14.9	1.852	2.821	7.4	20.7
8 29	20 24.19	− 9 5.6	1.917	2.830	10.6	20.9
9 8	20 19.89	− 9 53.5	2.004	2.838	13.6	21.2

398090 2009 OM_{15} 8 1.0 17°.70 2°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.80	−17 40.9	1.765	2.661	12.8	19.3
7 10	21 1.38	−19 55.6	1.706	2.666	9.0	19.1
7 20	20 54.95	−22 21.2	1.672	2.672	5.0	18.9
7 30	20 47.19	−24 48.0	1.667	2.678	2.5	18.7
8 9	20 39.06	−27 5.6	1.690	2.685	5.3	18.9
8 19	20 31.60	−29 5.7	1.741	2.692	9.2	19.2
8 29	20 25.79	−30 43.2	1.817	2.700	12.7	19.4
9 8	20 22.34	−31 56.9	1.914	2.709	15.6	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
160948 2002 AT_{76}			8 1.0 277°.14	2°.8/30.6 18		
	h m	° ′			°	m
6 30	21 12.01	−21 33.9	1.382	2.285	15.1	20.2
7 10	21 6.53	−22 22.9	1.304	2.266	11.0	19.9
7 20	20 58.18	−23 18.6	1.247	2.247	6.4	19.6
7 30	20 47.78	−24 13.7	1.215	2.227	2.8	19.4
8 9	20 36.69	−25 0.4	1.208	2.208	5.9	19.5
8 19	20 26.44	−25 32.8	1.225	2.188	10.9	19.7
8 29	20 18.48	−25 48.2	1.264	2.168	15.6	19.9
9 8	20 13.79	−25 47.0	1.321	2.148	19.7	20.2
478708 2012 UV_{38}			8 1.0 10°.36	3°.0/ 2.7 18		
6 30	21 8.23	−10 0.2	1.607	2.485	14.8	20.4
7 10	21 3.09	− 9 52.1	1.542	2.486	11.1	20.2
7 20	20 55.86	− 9 57.1	1.499	2.487	7.1	20.0
7 30	20 47.34	−10 13.5	1.480	2.488	3.5	19.8
8 9	20 38.57	−10 38.0	1.486	2.490	4.3	19.8
8 19	20 30.63	−11 6.7	1.518	2.492	8.1	20.1
8 29	20 24.51	−11 35.8	1.574	2.494	12.1	20.3
9 8	20 20.84	−12 1.5	1.650	2.497	15.5	20.5
168767 Kochte			8 1.0 274°.84	2°.3/31.1 17		
6 30	21 15.26	−22 30.3	1.471	2.367	14.8	20.5
7 10	21 8.77	−22 44.9	1.386	2.345	10.8	20.2
7 20	20 59.40	−23 1.8	1.324	2.322	6.3	19.9
7 30	20 47.99	−23 15.4	1.286	2.299	2.3	19.6
8 9	20 35.91	−23 20.3	1.274	2.275	5.3	19.7
8 19	20 24.67	−23 13.4	1.287	2.251	10.4	20.0
8 29	20 15.72	−22 53.9	1.323	2.227	15.1	20.2
9 8	20 10.01	−22 23.4	1.378	2.203	19.1	20.4
276366 2002 VC_{37}			8 1.0 309°.67	1°.7/ 1.9 18		
6 30	21 7.03	−12 23.4	1.314	2.211	16.2	20.6
7 10	21 2.92	−12 43.6	1.231	2.187	12.1	20.3
7 20	20 56.14	−13 19.9	1.169	2.165	7.3	19.9
7 30	20 47.44	−14 9.2	1.129	2.142	2.3	19.6
8 9	20 38.03	−15 5.5	1.113	2.120	4.4	19.7
8 19	20 29.31	−16 2.4	1.121	2.098	9.8	19.9
8 29	20 22.68	−16 53.3	1.150	2.077	14.9	20.1
9 8	20 19.13	−17 34.0	1.199	2.057	19.4	20.3
337117 1999 SF_{21}			8 1.0 250°.33	1°.7/ 2.1 18		
6 30	21 8.60	−11 57.2	1.935	2.808	12.8	21.4
7 10	21 3.19	−12 7.9	1.855	2.799	9.5	21.2
7 20	20 55.89	−12 29.1	1.799	2.789	5.8	21.0
7 30	20 47.36	−12 58.4	1.768	2.780	2.2	20.7
8 9	20 38.49	−13 32.2	1.765	2.770	3.4	20.8
8 19	20 30.24	−14 6.8	1.788	2.760	7.3	21.0
8 29	20 23.51	−14 38.9	1.837	2.749	11.1	21.2
9 8	20 18.95	−15 5.7	1.908	2.739	14.3	21.4
147681 2004 OS_{3}			8 1.0 354°.35	0°.5/ 1.3 18		
6 30	21 10.70	−17 39.6	1.848	2.734	12.8	19.4
7 10	21 4.65	−17 15.9	1.779	2.732	9.3	19.2
7 20	20 56.65	−16 55.9	1.733	2.730	5.3	18.9
7 30	20 47.48	−16 37.9	1.714	2.728	1.1	18.6
8 9	20 38.13	−16 19.9	1.721	2.727	3.4	18.8
8 19	20 29.61	−16 0.8	1.756	2.726	7.5	19.0
8 29	20 22.81	−15 39.7	1.815	2.726	11.2	19.3
9 8	20 18.35	−15 16.1	1.896	2.726	14.4	19.5
283829 2003 TT_{53}			8 1.0 193°.67	8°.8/ 8.8 16		
6 30	21 6.16	+10 17.2	2.151	2.915	15.4	21.2
7 10	21 1.26	+10 25.6	2.072	2.914	13.3	21.1
7 20	20 54.73	+10 9.8	2.013	2.913	11.2	20.9
7 30	20 47.17	+ 9 28.3	1.976	2.911	9.4	20.8
8 9	20 39.33	+ 8 22.7	1.963	2.909	8.8	20.8
8 19	20 32.04	+ 6 57.0	1.976	2.907	9.5	20.8
8 29	20 26.05	+ 5 17.5	2.014	2.905	11.3	20.9
9 8	20 21.95	+ 3 31.6	2.075	2.902	13.5	21.1
512834 2016 UM_{117}			8 1.0 355°.34	3°.2/ 2.9 18		
6 30	21 6.84	− 8 55.2	1.726	2.598	14.1	21.4
7 10	21 2.01	− 8 54.2	1.657	2.597	10.7	21.1
7 20	20 55.24	− 9 6.8	1.610	2.595	6.9	20.9
7 30	20 47.26	− 9 31.4	1.587	2.594	3.6	20.7
8 9	20 39.01	−10 4.7	1.591	2.594	4.2	20.8
8 19	20 31.49	−10 42.4	1.620	2.594	7.8	21.0
8 29	20 25.62	−11 20.5	1.674	2.594	11.5	21.2
9 8	20 22.03	−11 55.1	1.749	2.594	14.8	21.4
465024 2006 KE_{32}			8 1.0 56°.26	2°.0/ 1.9 16		
6 30	21 11.26	−12 35.9	1.203	2.099	17.4	21.4
7 10	21 5.64	−12 42.3	1.156	2.111	12.8	21.2
7 20	20 57.41	−13 3.0	1.128	2.124	7.6	20.9
7 30	20 47.62	−13 33.9	1.124	2.137	2.6	20.7
8 9	20 37.72	−14 9.6	1.143	2.150	4.4	20.8
8 19	20 29.10	−14 44.6	1.186	2.163	9.5	21.2
8 29	20 22.92	−15 14.5	1.252	2.177	14.1	21.5
9 8	20 19.84	−15 36.4	1.336	2.190	18.0	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93128 2000 SN_{64}			8 1.0 181°.09	1°.0/ 1.7 18		
	h m	° ′			°	m
6 30	21 9.54	−13 27.2	1.929	2.805	12.7	20.2
7 10	21 3.81	−13 48.1	1.860	2.806	9.3	20.0
7 20	20 56.20	−14 18.4	1.813	2.807	5.5	19.8
7 30	20 47.43	−14 55.0	1.793	2.807	1.6	19.5
8 9	20 38.41	−15 33.7	1.801	2.806	3.3	19.6
8 19	20 30.09	−16 10.8	1.835	2.806	7.3	19.9
8 29	20 23.35	−16 43.1	1.895	2.805	10.9	20.1
9 8	20 18.81	−17 8.3	1.977	2.803	14.1	20.3
288832 2004 RM_{190}			8 1.0 325°.30	3°.7/ 3.3 18		
6 30	21 6.29	− 7 22.3	2.053	2.913	12.8	19.7
7 10	21 1.40	− 7 6.2	1.975	2.905	9.8	19.5
7 20	20 54.83	− 7 1.9	1.920	2.898	6.7	19.3
7 30	20 47.20	− 7 9.1	1.890	2.892	4.0	19.2
8 9	20 39.30	− 7 25.6	1.887	2.885	4.3	19.2
8 19	20 31.98	− 7 48.9	1.910	2.879	7.1	19.3
8 29	20 26.03	− 8 15.5	1.959	2.873	10.4	19.5
9 8	20 22.04	− 8 42.2	2.030	2.868	13.3	19.7
219909 2002 FF_{8}			8 1.0 58°.66	7°.4/ 7.8 17		
6 30	21 4.86	+ 6 22.5	2.094	2.887	14.9	19.8
7 10	21 0.22	+ 6 26.3	2.035	2.904	12.5	19.7
7 20	20 54.08	+ 6 8.1	1.997	2.921	10.1	19.6
7 30	20 47.06	+ 5 27.7	1.981	2.938	8.1	19.5
8 9	20 39.92	+ 4 27.7	1.991	2.955	7.5	19.5
8 19	20 33.43	+ 3 12.6	2.026	2.972	8.5	19.6
8 29	20 28.28	+ 1 48.3	2.087	2.989	10.4	19.7
9 8	20 24.96	+ 0 21.4	2.171	3.006	12.7	19.9
98958 2001 CD_{38}			8 1.0 43°.66	6°.2/26.0 18		
6 30	21 8.28	−33 36.9	2.221	3.111	10.7	18.5
7 10	21 3.02	−35 19.9	2.170	3.114	8.4	18.3
7 20	20 55.83	−36 57.8	2.145	3.117	6.6	18.2
7 30	20 47.38	−38 23.1	2.147	3.121	6.4	18.2
8 9	20 38.61	−39 30.1	2.176	3.124	7.9	18.3
8 19	20 30.52	−40 15.5	2.230	3.128	10.2	18.5
8 29	20 24.02	−40 39.2	2.307	3.131	12.5	18.6
9 8	20 19.77	−40 43.3	2.403	3.135	14.5	18.8
264330 1999 UB_{37}			8 1.0 255°.90	4°.6/28.5 18		
6 30	21 9.99	−31 21.2	2.390	3.276	10.2	20.6
7 10	21 4.05	−32 5.7	2.318	3.265	7.7	20.4
7 20	20 56.33	−32 46.2	2.272	3.254	5.5	20.3
7 30	20 47.47	−33 17.6	2.252	3.244	4.6	20.2
8 9	20 38.35	−33 35.9	2.260	3.232	6.1	20.3
8 19	20 29.88	−33 39.3	2.294	3.221	8.6	20.4
8 29	20 22.90	−33 27.5	2.353	3.210	11.2	20.6
9 8	20 18.01	−33 2.5	2.433	3.198	13.5	20.7
44424 1998 TL_{1}			8 1.0 21°.00	7°.8/ 6.3 18		
6 30	21 5.94	+ 2 48.1	1.714	2.539	16.4	18.6
7 10	21 1.36	+ 3 11.2	1.647	2.542	13.6	18.4
7 20	20 54.89	+ 3 11.5	1.600	2.545	10.7	18.2
7 30	20 47.22	+ 2 48.1	1.576	2.548	8.4	18.1
8 9	20 39.31	+ 2 2.8	1.575	2.551	7.8	18.1
8 19	20 32.10	+ 1 0.4	1.600	2.555	9.5	18.2
8 29	20 26.50	− 0 12.9	1.648	2.559	12.1	18.4
9 8	20 23.12	− 1 29.7	1.717	2.564	14.9	18.5
523572 2018 DD_{3}			8 1.0 159°.20	1°.0/ 1.9 18		
6 30	21 6.16	−13 12.9	2.687	3.554	9.9	21.5
7 10	21 0.94	−13 28.7	2.616	3.558	7.2	21.4
7 20	20 54.43	−13 51.2	2.570	3.561	4.3	21.2
7 30	20 47.14	−14 18.3	2.552	3.565	1.4	21.0
8 9	20 39.70	−14 47.4	2.562	3.568	2.5	21.1
8 19	20 32.75	−15 15.9	2.602	3.570	5.5	21.3
8 29	20 26.90	−15 41.6	2.668	3.573	8.3	21.5
9 8	20 22.61	−16 2.8	2.758	3.575	10.8	21.6
93707 2000 VP_{31}			8 1.0 295°.89	1°.7/ 1.9 18 R		
6 30	21 8.21	−12 34.5	1.623	2.507	14.3	19.4
7 10	21 3.31	−12 45.3	1.539	2.489	10.6	19.1
7 20	20 56.17	−13 8.2	1.477	2.471	6.4	18.8
7 30	20 47.48	−13 40.5	1.440	2.453	2.2	18.5
8 9	20 38.28	−14 18.0	1.429	2.435	3.8	18.6
8 19	20 29.73	−14 56.2	1.443	2.417	8.4	18.8
8 29	20 22.94	−15 30.8	1.481	2.399	12.8	19.0
9 8	20 18.71	−15 58.7	1.539	2.382	16.6	19.2
77619 2001 KT_{40}			8 1.0 46°.40	0°.3/ 1.3 18		
6 30	21 6.54	−13 15.1	1.640	2.528	14.0	19.2
7 10	21 1.85	−14 16.1	1.585	2.538	10.1	19.0
7 20	20 55.18	−15 29.5	1.552	2.549	5.7	18.7
7 30	20 47.28	−16 49.8	1.545	2.559	1.1	18.5
8 9	20 39.19	−18 10.0	1.565	2.571	3.6	18.7
8 19	20 31.92	−19 23.8	1.610	2.582	8.0	19.0
8 29	20 26.42	−20 26.4	1.681	2.594	11.9	19.2
9 8	20 23.28	−21 15.4	1.772	2.605	15.1	19.5

6039 Parmenides 8 1.0 314°.40 4°.6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.51	− 1 0.0	2.484	3.311	11.9	17.2
7 10	20 59.18	− 1 5.9	2.404	3.307	9.5	17.0
7 20	20 53.51	− 1 26.9	2.346	3.303	7.0	16.9
7 30	20 47.00	− 2 2.2	2.314	3.299	5.1	16.7
8 9	20 40.27	− 2 49.8	2.308	3.296	4.8	16.7
8 19	20 33.99	− 3 46.2	2.330	3.292	6.5	16.8
8 29	20 28.79	− 4 47.3	2.378	3.289	9.0	17.0
9 8	20 25.15	− 5 48.8	2.450	3.285	11.4	17.1

12688 Baekeland 8 1.0 23°.44 3°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.80	−12 42.2	1.402	2.288	16.0	16.9
7 10	21 5.77	−11 53.2	1.346	2.295	11.9	16.7
7 20	20 57.41	−11 13.9	1.312	2.303	7.4	16.4
7 30	20 47.67	−10 43.9	1.302	2.312	3.6	16.2
8 9	20 37.82	−10 22.1	1.317	2.321	4.7	16.3
8 19	20 29.10	−10 6.8	1.357	2.331	8.9	16.6
8 29	20 22.56	− 9 55.7	1.420	2.342	13.0	16.9
9 8	20 18.82	− 9 46.4	1.504	2.353	16.6	17.1

251684 1995 UL_{39} 8 1.0 180°.99 4°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.95	− 2 27.1	2.407	3.238	12.0	20.9
7 10	21 0.94	− 2 25.9	2.331	3.238	9.6	20.7
7 20	20 54.50	− 2 38.8	2.277	3.239	6.9	20.6
7 30	20 47.18	− 3 5.3	2.249	3.239	4.8	20.4
8 9	20 39.66	− 3 43.1	2.249	3.238	4.7	20.4
8 19	20 32.64	− 4 29.2	2.276	3.238	6.6	20.5
8 29	20 26.78	− 5 19.7	2.329	3.237	9.2	20.7
9 8	20 22.59	− 6 10.6	2.406	3.236	11.7	20.9

28063 1998 OR_{14} 8 1.0 217°.14 1°.4/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.73	−20 55.2	1.927	2.815	12.2	18.7
7 10	21 4.73	−21 15.5	1.858	2.813	8.7	18.5
7 20	20 56.76	−21 38.7	1.813	2.811	4.9	18.3
7 30	20 47.58	−22 0.7	1.794	2.808	1.5	18.0
8 9	20 38.17	−22 17.7	1.803	2.805	4.0	18.2
8 19	20 29.53	−22 27.0	1.839	2.802	7.9	18.4
8 29	20 22.59	−22 27.3	1.900	2.799	11.4	18.6
9 8	20 17.95	−22 18.7	1.982	2.796	14.5	18.8

135628 2002 JV_{77} 8 1.0 94°.91 3°.5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.09	− 8 24.4	1.428	2.303	16.4	20.5
7 10	21 5.28	− 8 29.9	1.373	2.314	12.4	20.2
7 20	20 57.16	− 8 52.2	1.339	2.325	8.0	20.0
7 30	20 47.66	− 9 28.8	1.328	2.336	4.1	19.8
8 9	20 37.97	−10 14.8	1.343	2.346	4.7	19.9
8 19	20 29.32	−11 4.6	1.383	2.357	8.7	20.2
8 29	20 22.76	−11 52.8	1.447	2.367	12.9	20.4
9 8	20 18.94	−12 35.2	1.531	2.377	16.4	20.7

206646 2003 YG_{3} 8 1.0 178°.85 7°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.47	−39 53.8	2.253	3.124	11.3	20.3
7 10	21 7.49	−41 2.2	2.202	3.125	9.3	20.2
7 20	20 58.34	−41 59.8	2.174	3.126	7.8	20.1
7 30	20 47.86	−42 40.1	2.173	3.126	7.7	20.1
8 9	20 37.17	−42 58.6	2.197	3.126	8.9	20.2
8 19	20 27.41	−42 54.2	2.246	3.126	10.8	20.3
8 29	20 19.57	−42 28.7	2.317	3.125	12.9	20.5
9 8	20 14.30	−41 46.0	2.408	3.124	14.8	20.6

436547 2011 GK_{58} 8 1.1 136°.24 5°.8/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.46	+ 1 1.1	2.044	2.862	14.3	21.9
7 10	21 2.87	+ 0 55.8	1.977	2.873	11.6	21.8
7 20	20 55.64	+ 0 31.2	1.933	2.884	8.7	21.6
7 30	20 47.39	− 0 12.0	1.913	2.894	6.4	21.5
8 9	20 38.97	− 1 10.9	1.920	2.903	6.0	21.5
8 19	20 31.21	− 2 20.8	1.954	2.913	7.8	21.6
8 29	20 24.88	− 3 36.0	2.013	2.921	10.5	21.8
9 8	20 20.54	− 4 50.9	2.096	2.929	13.1	22.0

449376 2013 GV_{95} 8 1.1 80°.24 3°.8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.09	− 4 21.8	2.302	3.145	12.1	21.0
7 10	21 0.36	− 4 29.1	2.231	3.149	9.4	20.9
7 20	20 54.19	− 4 50.1	2.183	3.153	6.6	20.7
7 30	20 47.15	− 5 23.7	2.161	3.157	4.2	20.5
8 9	20 39.92	− 6 7.2	2.166	3.161	4.2	20.6
8 19	20 33.24	− 6 57.1	2.198	3.166	6.5	20.7
8 29	20 27.76	− 7 49.3	2.257	3.170	9.3	20.9
9 8	20 24.00	− 8 40.0	2.339	3.174	11.9	21.1

424016 2006 WR_{146} 8 1.1 40°.60 4°.6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.15	−25 36.3	1.334	2.243	15.1	20.3
7 10	21 5.68	−26 39.0	1.286	2.250	11.0	20.1
7 20	20 57.52	−27 42.0	1.260	2.256	6.8	19.9
7 30	20 47.73	−28 36.6	1.257	2.264	4.6	19.8
8 9	20 37.74	−29 15.4	1.279	2.271	7.1	19.9
8 19	20 28.99	−29 34.5	1.325	2.279	11.2	20.2
8 29	20 22.69	−29 33.9	1.392	2.287	15.1	20.5
9 8	20 19.52	−29 16.0	1.477	2.295	18.4	20.7

95609 2002 FN_{34} 8 1.1 268°.63 5°.9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.98	− 0 46.3	1.870	2.705	14.8	19.4
7 10	21 2.15	− 0 44.7	1.782	2.691	12.0	19.2
7 20	20 55.42	− 1 2.8	1.716	2.676	8.9	19.0
7 30	20 47.39	− 1 40.7	1.674	2.661	6.4	18.8
8 9	20 38.93	− 2 36.1	1.657	2.646	6.1	18.8
8 19	20 30.99	− 3 44.3	1.667	2.631	8.4	18.9
8 29	20 24.50	− 4 59.4	1.701	2.616	11.7	19.1
9 8	20 20.18	− 6 15.2	1.758	2.601	14.8	19.2

30062 2000 ER_{62} 8 1.1 4°.44 8°.2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.48	−32 23.7	0.951	1.878	17.9	17.2
7 10	21 4.55	−33 2.0	0.909	1.877	13.7	16.9
7 20	20 57.15	−33 29.6	0.885	1.877	9.8	16.7
7 30	20 47.68	−33 36.7	0.881	1.880	8.2	16.7
8 9	20 38.08	−33 16.9	0.898	1.884	10.3	16.8
8 19	20 30.23	−32 30.0	0.934	1.891	14.3	17.0
8 29	20 25.57	−31 20.4	0.989	1.899	18.4	17.3
9 8	20 24.73	−29 55.0	1.060	1.909	22.0	17.6

311347 2005 QJ_{156} 8 1.1 272°.74 0°.7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.90	−15 33.1	2.215	3.092	11.3	21.0
7 10	21 3.26	−15 31.3	2.130	3.077	8.3	20.8
7 20	20 55.92	−15 35.1	2.069	3.063	4.8	20.5
7 30	20 47.46	−15 42.6	2.035	3.049	1.2	20.2
8 9	20 38.71	−15 51.2	2.029	3.034	3.0	20.4
8 19	20 30.51	−15 58.6	2.051	3.020	6.7	20.6
8 29	20 23.66	−16 3.2	2.098	3.005	10.1	20.8
9 8	20 18.78	−16 3.5	2.168	2.990	13.1	20.9

514502 2016 WB_{24} 8 1.1 150°.42 0°.5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.37	−16 17.0	2.754	3.622	9.6	21.5
7 10	21 3.17	−16 12.3	2.685	3.629	6.9	21.4
7 20	20 55.67	−16 11.4	2.642	3.635	4.0	21.2
7 30	20 47.41	−16 12.5	2.627	3.641	0.9	20.9
8 9	20 39.05	−16 13.9	2.642	3.647	2.5	21.1
8 19	20 31.25	−16 14.1	2.686	3.653	5.5	21.3
8 29	20 24.63	−16 11.8	2.758	3.658	8.3	21.5
9 8	20 19.62	−16 6.4	2.853	3.662	10.7	21.7

217718 1999 VG_{97} 8 1.1 353°.87 2°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.02	−21 16.0	1.036	1.959	17.2	19.3
7 10	21 3.25	−21 48.8	0.981	1.952	12.4	19.1
7 20	20 56.41	−22 28.0	0.945	1.947	7.1	18.7
7 30	20 47.58	−23 6.0	0.931	1.944	2.7	18.5
8 9	20 38.36	−23 35.1	0.938	1.942	6.1	18.7
8 19	20 30.43	−23 50.1	0.967	1.941	11.6	19.0
8 29	20 25.22	−23 49.1	1.015	1.941	16.6	19.3
9 8	20 23.52	−23 32.7	1.081	1.943	20.7	19.5

344017 2012 BW_{150} 8 1.1 174°.33 7°.4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.13	+11 31.9	3.088	3.818	11.8	20.9
7 10	21 0.13	+11 59.2	3.008	3.821	10.3	20.8
7 20	20 53.99	+12 9.6	2.950	3.823	8.9	20.7
7 30	20 47.13	+12 2.0	2.915	3.824	7.8	20.6
8 9	20 40.11	+11 36.7	2.906	3.825	7.4	20.6
8 19	20 33.46	+10 55.7	2.923	3.826	7.8	20.6
8 29	20 27.72	+10 2.2	2.964	3.826	9.0	20.7
9 8	20 23.32	+ 9 0.4	3.030	3.826	10.4	20.8

446806 1999 VK_{76} 8 1.1 313°.41 0°.5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.89	−14 57.4	1.949	2.834	12.2	21.6
7 10	21 1.34	−15 18.2	1.864	2.817	8.9	21.4
7 20	20 54.95	−15 47.8	1.804	2.799	5.2	21.1
7 30	20 47.32	−16 23.1	1.768	2.783	1.1	20.8
8 9	20 39.32	−17 0.0	1.760	2.766	3.3	21.0
8 19	20 31.87	−17 34.9	1.778	2.750	7.3	21.2
8 29	20 25.88	−18 4.4	1.821	2.734	11.1	21.4
9 8	20 22.00	−18 26.3	1.886	2.719	14.4	21.6

340216 2006 AA_{93} 8 1.1 11°.38 0°.8/31.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.38	−19 16.3	1.196	2.108	16.3	20.2
7 10	21 3.75	−19 22.3	1.145	2.111	11.7	19.9
7 20	20 56.47	−19 34.4	1.114	2.115	6.6	19.7
7 30	20 47.59	−19 47.8	1.105	2.120	1.3	19.3
8 9	20 38.53	−19 57.8	1.120	2.126	4.7	19.6
8 19	20 30.70	−20 0.7	1.159	2.134	9.9	19.9
8 29	20 25.30	−19 54.9	1.218	2.143	14.5	20.2
9 8	20 22.98	−19 40.2	1.297	2.153	18.3	20.5

221043 2005 QC_{82} 8 1.1 273°.53 0°.5/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.79	−16 50.7	1.638	2.529	13.8	20.6
7 10	21 4.52	−17 28.4	1.556	2.512	10.0	20.3
7 20	20 56.92	−18 15.7	1.497	2.495	5.7	20.0
7 30	20 47.70	−19 7.9	1.463	2.477	1.0	19.6
8 9	20 37.94	−19 59.0	1.455	2.460	4.1	19.8
8 19	20 28.85	−20 43.7	1.473	2.442	8.9	20.1
8 29	20 21.58	−21 18.2	1.515	2.424	13.2	20.3
9 8	20 16.97	−21 40.8	1.577	2.406	16.9	20.5

387647 2002 QN_{140} 8 1.1 352°.80 5°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.02	− 3 17.2	1.485	2.350	16.4	20.0
7 10	21 0.30	− 3 28.8	1.416	2.346	13.0	19.8
7 20	20 54.47	− 4 2.9	1.367	2.342	9.2	19.5
7 30	20 47.27	− 4 58.1	1.340	2.339	5.9	19.3
8 9	20 39.72	− 6 10.0	1.338	2.337	5.7	19.3
8 19	20 32.92	− 7 31.9	1.360	2.335	8.8	19.5
8 29	20 27.88	− 8 55.9	1.406	2.334	12.6	19.7
9 8	20 25.32	−10 15.1	1.473	2.335	16.2	20.0

119725 2001 XO_{256} 8 1.1 247°.46 0°.0/31.9 18

6 30	21 8.71	−14 47.9	1.797	2.681	13.1	19.3
7 10	21 3.53	−15 41.7	1.719	2.671	9.5	19.0
7 20	20 56.26	−16 47.0	1.664	2.661	5.4	18.8
7 30	20 47.59	−17 58.7	1.635	2.650	0.9	18.4
8 9	20 38.50	−19 10.8	1.634	2.639	3.7	18.6
8 19	20 30.02	−20 17.2	1.660	2.628	8.1	18.9
8 29	20 23.19	−21 13.5	1.710	2.617	12.1	19.1
9 8	20 18.72	−21 57.3	1.782	2.605	15.5	19.3

239062 2006 FA_{37} 8 1.1 137°.49 4°.1/28.7 18

6 30	21 11.48	−27 35.3	2.193	3.081	10.9	20.7
7 10	21 5.16	−28 51.7	2.142	3.093	8.0	20.6
7 20	20 56.99	−30 6.5	2.116	3.105	5.3	20.4
7 30	20 47.70	−31 13.2	2.118	3.116	4.2	20.4
8 9	20 38.22	−32 6.6	2.148	3.127	5.9	20.5
8 19	20 29.49	−32 43.8	2.205	3.137	8.6	20.7
8 29	20 22.38	−33 4.1	2.287	3.146	11.4	20.9
9 8	20 17.48	−33 8.8	2.390	3.155	13.7	21.1

207970 1996 BZ_{3} 8 1.1 260°.54 1°.0/ 1.9 13 C

6 30	21 10.69	−12 39.2	2.671	3.528	10.2	23.6
7 10	21 4.49	−13 2.9	2.559	3.496	7.6	23.4
7 20	20 56.66	−13 34.8	2.472	3.462	4.5	23.2
7 30	20 47.67	−14 12.7	2.414	3.427	1.5	22.9
8 9	20 38.20	−14 53.7	2.386	3.390	2.7	22.9
8 19	20 28.99	−15 34.5	2.387	3.353	6.1	23.1
8 29	20 20.82	−16 12.3	2.417	3.315	9.4	23.2
9 8	20 14.32	−16 44.9	2.471	3.275	12.2	23.4

401160 2011 WY_{43} 8 1.1 246°.32 4°.4/ 4.0 18

6 30	21 7.20	− 4 13.8	2.261	3.101	12.4	20.7
7 10	21 1.97	− 3 55.1	2.181	3.096	9.8	20.5
7 20	20 55.18	− 3 49.2	2.123	3.090	7.0	20.3
7 30	20 47.39	− 3 56.2	2.092	3.084	4.8	20.2
8 9	20 39.36	− 4 14.4	2.087	3.078	4.8	20.1
8 19	20 31.83	− 4 41.4	2.109	3.072	7.0	20.3
8 29	20 25.56	− 5 13.7	2.157	3.066	9.8	20.4
9 8	20 21.10	− 5 47.7	2.228	3.059	12.5	20.6

260260 2004 SY_{16} 8 1.1 322°.36 10°.5/24.2 18

6 30	21 13.45	−44 39.5	1.836	2.707	13.5	19.8
7 10	21 7.51	−45 56.1	1.775	2.688	11.7	19.6
7 20	20 58.72	−46 58.0	1.735	2.670	10.6	19.5
7 30	20 48.04	−47 35.9	1.718	2.651	10.8	19.5
8 9	20 36.92	−47 44.0	1.724	2.634	12.1	19.5
8 19	20 26.90	−47 20.9	1.752	2.616	14.1	19.6
8 29	20 19.34	−46 29.4	1.799	2.600	16.3	19.7
9 8	20 15.06	−45 15.2	1.863	2.584	18.5	19.9

35702 1999 FN_{9} 8 1.1 48°.89 2°.8/30.7 18

6 30	21 11.23	−20 57.8	1.159	2.071	16.7	18.0
7 10	21 5.90	−21 54.0	1.116	2.082	11.9	17.8
7 20	20 57.72	−22 56.2	1.093	2.093	6.8	17.5
7 30	20 47.85	−23 55.5	1.092	2.105	2.8	17.3
8 9	20 37.82	−24 43.8	1.116	2.117	6.0	17.5
8 19	20 29.17	−25 15.9	1.163	2.129	10.9	17.9
8 29	20 23.16	−25 30.1	1.231	2.142	15.4	18.2
9 8	20 20.45	−25 27.7	1.316	2.155	19.1	18.4

69256 1981 EF_{46} 8 1.1 30°.83 0°.9/31.7 17

6 30	21 11.94	−19 23.1	1.094	2.006	17.5	18.8
7 10	21 6.44	−19 26.9	1.049	2.014	12.6	18.6
7 20	20 58.02	−19 36.9	1.023	2.024	7.0	18.3
7 30	20 47.90	−19 47.8	1.019	2.034	1.4	18.0
8 9	20 37.68	−19 54.5	1.039	2.045	4.9	18.3
8 19	20 28.94	−19 53.8	1.081	2.056	10.4	18.6
8 29	20 22.93	−19 44.3	1.145	2.069	15.2	18.9
9 8	20 20.29	−19 26.1	1.226	2.082	19.2	19.2

418134 2008 AB_{27} 8 1.1 207°.14 0°.1/ 1.2 17

6 30	21 12.53	−16 5.1	1.777	2.658	13.4	22.1
7 10	21 6.22	−16 25.6	1.703	2.654	9.7	21.9
7 20	20 57.76	−16 53.9	1.653	2.649	5.5	21.7
7 30	20 47.89	−17 26.3	1.629	2.643	1.0	21.3
8 9	20 37.68	−17 58.2	1.632	2.637	3.6	21.5
8 19	20 28.24	−18 25.8	1.662	2.630	8.0	21.8
8 29	20 20.59	−18 46.5	1.716	2.623	12.0	22.0
9 8	20 15.45	−18 58.8	1.793	2.615	15.4	22.2

207846 2007 UO_{108} 8 1.1 220°.35 1°.0/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.09	−19 18.9	2.055	2.942	11.6	21.3
7 10	21 3.51	−19 48.3	1.985	2.939	8.3	21.1
7 20	20 56.13	−20 22.3	1.938	2.935	4.7	20.9
7 30	20 47.60	−20 56.9	1.918	2.932	1.2	20.6
8 9	20 38.82	−21 27.9	1.925	2.928	3.6	20.8
8 19	20 30.71	−21 52.3	1.960	2.924	7.4	21.0
8 29	20 24.11	−22 8.0	2.020	2.920	10.8	21.2
9 8	20 19.65	−22 14.3	2.102	2.916	13.8	21.4

322579 2012 AU_{7} 8 1.1 118°.19 1°.7/ 2.2 18

6 30	21 7.62	−12 20.3	2.351	3.218	11.1	20.5
7 10	21 2.17	−12 17.0	2.280	3.221	8.2	20.3
7 20	20 55.25	−12 21.1	2.235	3.224	5.0	20.1
7 30	20 47.44	−12 31.2	2.216	3.227	2.0	19.9
8 9	20 39.47	−12 44.9	2.225	3.229	2.9	20.0
8 19	20 32.08	−12 59.8	2.262	3.232	6.1	20.2
8 29	20 25.97	−13 14.0	2.326	3.235	9.2	20.4
9 8	20 21.63	−13 25.4	2.412	3.238	11.9	20.6

112874 2002 QX_{38} 8 1.1 322°.01 2°.7/30.6 18

6 30	21 10.00	−23 44.9	1.714	2.612	12.9	19.4
7 10	21 4.51	−24 13.8	1.646	2.605	9.3	19.2
7 20	20 56.82	−24 44.0	1.602	2.599	5.5	18.9
7 30	20 47.73	−25 10.2	1.582	2.593	2.8	18.8
8 9	20 38.35	−25 27.7	1.589	2.587	5.1	18.9
8 19	20 29.82	−25 33.5	1.621	2.581	9.0	19.1
8 29	20 23.17	−25 26.9	1.677	2.575	12.7	19.3
9 8	20 19.10	−25 8.7	1.753	2.570	16.0	19.5

297556 2001 QZ_{282} 8 1.1 13°.70 7°.8/ 4.9 17

6 30	21 8.62	− 0 28.6	1.637	2.477	16.4	19.5
7 10	21 3.38	+ 0 35.7	1.573	2.480	13.4	19.3
7 20	20 56.13	+ 1 21.3	1.530	2.483	10.4	19.2
7 30	20 47.61	+ 1 46.0	1.510	2.487	8.2	19.0
8 9	20 38.84	+ 1 49.9	1.514	2.491	8.0	19.0
8 19	20 30.87	+ 1 35.4	1.542	2.496	9.9	19.2
8 29	20 24.64	+ 1 7.2	1.593	2.501	12.7	19.4
9 8	20 20.80	+ 0 31.1	1.665	2.507	15.6	19.6

82808 2001 QD_{33} 8 1.1 326°.98 0°.1/31.9 18

6 30	21 6.92	−16 17.2	1.773	2.664	12.9	19.3
7 10	21 2.20	−16 49.0	1.702	2.657	9.4	19.1
7 20	20 55.49	−17 29.3	1.653	2.651	5.3	18.8
7 30	20 47.51	−18 14.1	1.630	2.645	0.9	18.5
8 9	20 39.20	−18 58.3	1.633	2.639	3.6	18.7
8 19	20 31.59	−19 37.7	1.663	2.633	7.9	19.0
8 29	20 25.63	−20 8.8	1.716	2.628	11.7	19.2
9 8	20 21.98	−20 30.0	1.791	2.623	15.1	19.4

328147 2008 CB_{25} 8 1.1 26°.69 4°.8/30.1 17

6 30	21 13.66	−27 18.3	1.269	2.177	15.8	20.1
7 10	21 7.61	−27 49.8	1.219	2.182	11.6	19.8
7 20	20 58.69	−28 18.3	1.191	2.187	7.2	19.6
7 30	20 48.06	−28 36.0	1.186	2.192	4.8	19.5
8 9	20 37.29	−28 37.6	1.204	2.198	7.1	19.6
8 19	20 27.94	−28 21.1	1.247	2.204	11.3	19.9
8 29	20 21.25	−27 48.1	1.310	2.211	15.4	20.2
9 8	20 17.90	−27 1.9	1.392	2.218	18.9	20.4

146031 2000 DL_{70} 8 1.1 92°.71 0°.5/ 1.4 17

6 30	21 11.00	−14 26.7	1.575	2.461	14.6	20.4
7 10	21 5.11	−14 58.5	1.523	2.475	10.5	20.1
7 20	20 57.08	−15 40.7	1.493	2.489	6.0	19.9
7 30	20 47.77	−16 28.3	1.488	2.502	1.3	19.6
8 9	20 38.34	−17 16.1	1.510	2.516	3.7	19.8
8 19	20 29.89	−17 59.0	1.558	2.530	8.2	20.1
8 29	20 23.42	−18 33.7	1.630	2.543	12.2	20.4
9 8	20 19.52	−18 58.4	1.723	2.556	15.5	20.7

101271 1998 SU_{111} 8 1.1 243°.82 0°.9/ 1.7 18

6 30	21 10.44	−13 29.2	1.824	2.701	13.3	20.3
7 10	21 4.78	−13 55.1	1.741	2.688	9.8	20.1
7 20	20 57.00	−14 31.7	1.680	2.674	5.8	19.8
7 30	20 47.79	−15 15.8	1.646	2.659	1.5	19.5
8 9	20 38.13	−16 2.7	1.639	2.644	3.5	19.6
8 19	20 29.08	−16 47.8	1.658	2.629	7.9	19.9
8 29	20 21.66	−17 27.1	1.703	2.613	11.9	20.1
9 8	20 16.62	−17 58.2	1.769	2.597	15.4	20.3

260115 2004 PP_{22} 8 1.1 343°.89 0°.8/ 1.5 18

6 30	21 7.90	−15 46.9	1.822	2.709	12.8	19.8
7 10	21 2.80	−15 43.1	1.751	2.703	9.4	19.6
7 20	20 55.78	−15 46.0	1.702	2.698	5.4	19.4
7 30	20 47.56	−15 53.1	1.680	2.694	1.3	19.1
8 9	20 39.09	−16 1.7	1.683	2.689	3.3	19.2
8 19	20 31.35	−16 9.1	1.713	2.686	7.5	19.5
8 29	20 25.24	−16 13.0	1.767	2.682	11.3	19.7
9 8	20 21.39	−16 12.2	1.843	2.680	14.5	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
189749 2001 YS_{84}			8 1.1 262°.65	2°.4/ 2.2 18		
	h m	° ′			°	m
6 30	21 11.53	−12 8.4	1.746	2.620	13.9	20.1
7 10	21 5.54	−11 50.1	1.667	2.610	10.4	19.9
7 20	20 57.40	−11 41.1	1.611	2.600	6.5	19.6
7 30	20 47.86	−11 40.1	1.580	2.590	2.8	19.4
8 9	20 37.95	−11 44.8	1.575	2.580	4.0	19.4
8 19	20 28.76	−11 52.6	1.598	2.569	8.0	19.6
8 29	20 21.32	−12 0.9	1.645	2.559	12.0	19.8
9 8	20 16.34	−12 7.3	1.713	2.548	15.5	20.1
511320 2014 DF_{124}			8 1.1 174°.01	0°.7/ 1.6 18		
6 30	21 8.17	−13 39.3	2.147	3.021	11.7	21.4
7 10	21 2.75	−14 12.1	2.077	3.022	8.5	21.2
7 20	20 55.67	−14 53.8	2.030	3.024	4.9	21.0
7 30	20 47.54	−15 41.0	2.011	3.025	1.2	20.7
8 9	20 39.19	−16 29.6	2.020	3.026	3.0	20.8
8 19	20 31.44	−17 15.6	2.057	3.026	6.7	21.1
8 29	20 25.08	−17 55.9	2.119	3.026	10.1	21.3
9 8	20 20.69	−18 28.4	2.205	3.026	13.0	21.5
304301 2006 SO_{106}			8 1.1 211°.10	0°.3/31.9 18		
6 30	21 8.29	−17 27.2	2.268	3.148	10.9	22.1
7 10	21 2.80	−17 52.5	2.194	3.145	7.9	21.9
7 20	20 55.68	−18 23.2	2.145	3.141	4.4	21.6
7 30	20 47.54	−18 55.9	2.122	3.137	0.8	21.3
8 9	20 39.17	−19 27.2	2.128	3.133	3.1	21.5
8 19	20 31.38	−19 54.0	2.162	3.128	6.7	21.8
8 29	20 24.94	−20 14.3	2.222	3.124	9.9	22.0
9 8	20 20.40	−20 26.8	2.305	3.119	12.7	22.1
516209 2016 TZ_{29}			8 1.1 196°.00	2°.7/ 3.1 18		
6 30	21 8.04	− 8 14.2	2.618	3.465	10.7	21.8
7 10	21 2.39	− 8 6.2	2.538	3.463	8.1	21.6
7 20	20 55.37	− 8 7.3	2.482	3.460	5.4	21.4
7 30	20 47.49	− 8 16.6	2.454	3.457	3.1	21.3
8 9	20 39.41	− 8 32.3	2.454	3.453	3.4	21.3
8 19	20 31.81	− 8 52.3	2.483	3.449	5.9	21.4
8 29	20 25.33	− 9 14.1	2.539	3.445	8.7	21.6
9 8	20 20.46	− 9 35.3	2.619	3.440	11.2	21.8
472921 2015 GS_{9}			8 1.1 46°.28	2°.6/30.2 17		
6 30	21 8.14	−19 19.3	1.480	2.382	14.3	20.4
7 10	21 3.35	−20 51.1	1.428	2.390	10.2	20.2
7 20	20 56.23	−22 31.2	1.399	2.398	5.7	20.0
7 30	20 47.65	−24 10.8	1.395	2.407	2.6	19.8
8 9	20 38.79	−25 41.0	1.417	2.416	5.5	20.0
8 19	20 30.88	−26 54.8	1.465	2.425	9.8	20.3
8 29	20 24.99	−27 48.8	1.536	2.434	13.7	20.6
9 8	20 21.84	−28 22.7	1.626	2.444	17.0	20.8
248138 2004 SA_{53}			8 1.1 219°.34	0°.3/ 1.4 18 R		
6 30	21 7.19	−15 47.3	2.809	3.679	9.4	20.8
7 10	21 1.76	−16 0.8	2.726	3.671	6.8	20.6
7 20	20 55.01	−16 19.2	2.669	3.663	3.9	20.4
7 30	20 47.43	−16 40.3	2.640	3.655	0.8	20.2
8 9	20 39.64	−17 1.8	2.641	3.646	2.4	20.3
8 19	20 32.29	−17 21.4	2.670	3.636	5.5	20.5
8 29	20 25.99	−17 37.3	2.726	3.627	8.3	20.7
9 8	20 21.23	−17 48.4	2.806	3.617	10.8	20.8
144915 2005 AQ_{45}			8 1.1 58°.84	3°.1/31.7 18		
6 30	21 29.97	−28 12.2	1.179	2.069	18.1	18.5
7 10	21 18.74	−27 15.3	1.142	2.095	13.1	18.3
7 20	21 4.52	−26 9.0	1.127	2.122	7.7	18.0
7 30	20 49.02	−24 50.7	1.137	2.148	3.2	17.9
8 9	20 34.23	−23 21.7	1.174	2.175	5.7	18.1
8 19	20 21.85	−21 46.8	1.237	2.202	10.6	18.4
8 29	20 12.94	−20 11.6	1.324	2.229	15.0	18.8
9 8	20 7.88	−18 40.2	1.432	2.256	18.5	19.1
17999 1999 JO_{80}			8 1.1 40°.77	8°.0/ 6.9 18		
6 30	21 5.91	+ 3 25.3	1.452	2.286	18.4	18.0
7 10	21 1.59	+ 3 23.3	1.395	2.297	15.1	17.8
7 20	20 55.17	+ 2 53.0	1.358	2.308	11.7	17.6
7 30	20 47.47	+ 1 54.4	1.342	2.320	8.8	17.5
8 9	20 39.56	+ 0 32.2	1.349	2.332	8.0	17.5
8 19	20 32.54	− 1 6.3	1.381	2.345	9.8	17.6
8 29	20 27.37	− 2 51.8	1.436	2.358	12.8	17.8
9 8	20 24.69	− 4 35.3	1.512	2.371	16.0	18.0
11647 1997 BN_{3}			8 1.1 223°.54	1°.2/31.2 18		
6 30	21 7.98	−20 9.2	2.268	3.154	10.7	18.2
7 10	21 2.60	−20 40.2	2.197	3.151	7.7	18.1
7 20	20 55.59	−21 14.7	2.150	3.148	4.3	17.8
7 30	20 47.55	−21 49.1	2.131	3.144	1.3	17.6
8 9	20 39.30	−22 19.6	2.140	3.141	3.5	17.8
8 19	20 31.64	−22 43.3	2.176	3.138	6.9	18.0
8 29	20 25.34	−22 58.5	2.237	3.134	10.1	18.2
9 8	20 20.97	−23 4.6	2.322	3.130	12.8	18.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
236650 2006 KM_{76}			8 1.1 43°.14	2°.6/ 2.8 17		
	h m	° ′			°	m
6 30	21 7.76	− 9 32.4	1.709	2.583	14.2	20.9
7 10	21 2.74	− 9 44.8	1.645	2.587	10.7	20.7
7 20	20 55.77	−10 10.9	1.603	2.590	6.7	20.5
7 30	20 47.59	−10 48.4	1.585	2.594	3.2	20.3
8 9	20 39.18	−11 32.9	1.594	2.598	3.9	20.3
8 19	20 31.54	−12 19.9	1.629	2.603	7.7	20.6
8 29	20 25.58	−13 4.8	1.688	2.607	11.5	20.8
9 8	20 21.94	−13 44.1	1.769	2.612	14.8	21.0
216704 2004 RQ_{210}			8 1.1 314°.40	4°.9/ 4.1 18		
6 30	21 7.36	− 3 57.2	2.158	2.999	12.9	19.5
7 10	21 2.17	− 3 25.5	2.080	2.994	10.2	19.3
7 20	20 55.36	− 3 6.9	2.024	2.989	7.4	19.1
7 30	20 47.52	− 3 1.7	1.994	2.984	5.3	19.0
8 9	20 39.43	− 3 8.8	1.990	2.979	5.3	19.0
8 19	20 31.90	− 3 26.0	2.013	2.975	7.4	19.1
8 29	20 25.67	− 3 50.2	2.062	2.970	10.2	19.3
9 8	20 21.33	− 4 17.5	2.133	2.966	12.9	19.5
280551 2004 RC_{224}			8 1.1 309°.23	2°.5/30.5 18		
6 30	21 7.75	−20 31.2	1.462	2.367	14.3	20.4
7 10	21 3.41	−21 30.3	1.382	2.345	10.4	20.1
7 20	20 56.50	−22 38.3	1.324	2.324	5.9	19.8
7 30	20 47.77	−23 48.0	1.290	2.302	2.5	19.5
8 9	20 38.39	−24 51.5	1.281	2.281	5.6	19.7
8 19	20 29.71	−25 42.3	1.296	2.260	10.3	19.9
8 29	20 23.04	−26 16.3	1.334	2.240	14.8	20.1
9 8	20 19.31	−26 32.6	1.390	2.220	18.7	20.3
479739 2014 ET_{2}			8 1.1 273°.84	0°.5/31.8 18		
6 30	21 9.36	−17 1.9	1.866	2.752	12.6	21.7
7 10	21 4.07	−17 38.6	1.777	2.731	9.2	21.4
7 20	20 56.66	−18 23.8	1.712	2.709	5.2	21.2
7 30	20 47.78	−19 13.2	1.673	2.687	0.9	20.8
8 9	20 38.39	−20 1.7	1.661	2.665	3.8	21.0
8 19	20 29.53	−20 44.7	1.675	2.643	8.1	21.2
8 29	20 22.26	−21 18.5	1.715	2.620	12.1	21.4
9 8	20 17.34	−21 41.6	1.776	2.597	15.6	21.6
249371 2009 AR_{50}			8 1.1 44°.41	0°.3/ 1.3 17		
6 30	21 8.58	−13 0.8	1.155	2.057	17.5	19.7
7 10	21 4.01	−14 5.0	1.106	2.066	12.7	19.4
7 20	20 56.74	−15 26.5	1.076	2.075	7.2	19.2
7 30	20 47.78	−16 57.8	1.070	2.084	1.4	18.8
8 9	20 38.55	−18 28.8	1.087	2.094	4.5	19.1
8 19	20 30.50	−19 50.4	1.129	2.104	10.0	19.4
8 29	20 24.88	−20 56.4	1.192	2.115	14.8	19.7
9 8	20 22.41	−21 44.1	1.273	2.126	18.8	20.0
185583 2008 BG_{22}			8 1.1 73°.54	0°.7/ 1.5 17		
6 30	21 11.43	−14 37.0	1.412	2.304	15.6	20.5
7 10	21 5.59	−15 0.6	1.363	2.318	11.3	20.3
7 20	20 57.43	−15 34.9	1.336	2.332	6.5	20.1
7 30	20 47.89	−16 15.2	1.332	2.346	1.4	19.8
8 9	20 38.24	−16 56.0	1.354	2.361	3.9	20.0
8 19	20 29.71	−17 32.4	1.402	2.375	8.7	20.3
8 29	20 23.34	−18 0.9	1.472	2.389	12.9	20.6
9 8	20 19.77	−18 19.8	1.563	2.404	16.5	20.9
163892 2003 SQ_{199}			8 1.1 296°.86	8°.1/27.6 18		
6 30	21 15.47	−37 35.1	1.731	2.617	13.5	19.6
7 10	21 8.80	−38 27.2	1.666	2.603	10.8	19.4
7 20	20 59.40	−39 8.5	1.623	2.590	8.7	19.2
7 30	20 48.26	−39 30.8	1.604	2.577	8.2	19.2
8 9	20 36.77	−39 28.6	1.610	2.564	9.7	19.2
8 19	20 26.39	−39 0.6	1.639	2.551	12.3	19.3
8 29	20 18.39	−38 9.3	1.691	2.538	15.2	19.5
9 8	20 13.53	−37 0.0	1.761	2.526	17.9	19.7
479901 2014 HT_{37}			8 1.1 106°.58	1°.7/ 2.4 18		
6 30	21 6.55	−10 30.9	2.101	2.969	12.1	21.5
7 10	21 1.60	−11 2.3	2.033	2.974	9.0	21.3
7 20	20 55.04	−11 45.1	1.989	2.978	5.5	21.1
7 30	20 47.48	−12 36.4	1.972	2.983	2.2	20.9
8 9	20 39.71	−13 31.8	1.982	2.987	3.1	21.0
8 19	20 32.56	−14 27.2	2.020	2.992	6.6	21.2
8 29	20 26.77	−15 18.6	2.083	2.996	9.9	21.4
9 8	20 22.89	−16 3.1	2.170	3.000	12.8	21.6
105622 2000 RK_{105}			8 1.1 316°.17	1°.8/ 1.9 18		
6 30	21 9.10	−13 56.4	1.831	2.711	13.1	18.8
7 10	21 3.77	−13 35.7	1.747	2.695	9.7	18.6
7 20	20 56.42	−13 22.2	1.687	2.679	5.9	18.3
7 30	20 47.74	−13 14.6	1.651	2.663	2.2	18.1
8 9	20 38.69	−13 10.7	1.643	2.648	3.6	18.1
8 19	20 30.28	−13 8.6	1.661	2.633	7.7	18.4
8 29	20 23.49	−13 6.1	1.703	2.619	11.6	18.6
9 8	20 18.99	−13 1.7	1.767	2.605	15.0	18.7

357849 2005 UU_{200} 8 1.1 88°.63 3°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.83	−26 14.5	2.230	3.121	10.7	20.6
7 10	21 3.20	−27 2.6	2.177	3.131	7.7	20.4
7 20	20 55.91	−27 49.6	2.149	3.142	4.8	20.3
7 30	20 47.62	−28 30.8	2.148	3.152	3.3	20.2
8 9	20 39.22	−29 1.9	2.174	3.162	5.0	20.3
8 19	20 31.54	−29 20.7	2.228	3.172	7.8	20.5
8 29	20 25.37	−29 26.5	2.306	3.182	10.6	20.7
9 8	20 21.22	−29 20.2	2.405	3.192	13.0	20.9

174742 2003 UP_{231} 8 1.1 152°.31 1°.3/31.4 17

6 30	21 12.93	−19 24.6	1.534	2.428	14.4	21.0
7 10	21 6.73	−19 55.2	1.474	2.431	10.4	20.7
7 20	20 58.13	−20 31.5	1.436	2.434	5.8	20.5
7 30	20 48.04	−21 8.1	1.423	2.437	1.5	20.2
8 9	20 37.69	−21 39.4	1.436	2.439	4.5	20.4
8 19	20 28.35	−22 1.6	1.475	2.442	9.1	20.7
8 29	20 21.13	−22 12.6	1.538	2.444	13.2	20.9
9 8	20 16.73	−22 12.5	1.620	2.445	16.7	21.2

482739 2013 EO_{112} 8 1.1 37°.79 2°.2/30.3 18

6 30	21 6.29	−20 53.6	2.025	2.919	11.4	20.6
7 10	21 1.55	−22 1.0	1.967	2.925	8.1	20.4
7 20	20 55.06	−23 12.8	1.933	2.931	4.6	20.2
7 30	20 47.49	−24 23.3	1.926	2.937	2.2	20.0
8 9	20 39.70	−25 26.9	1.946	2.943	4.4	20.2
8 19	20 32.58	−26 19.3	1.994	2.950	7.8	20.4
8 29	20 26.96	−26 58.0	2.066	2.957	11.0	20.6
9 8	20 23.41	−27 22.7	2.160	2.964	13.8	20.8

424552 2008 EW_{167} 8 1.1 86°.17 3°.4/30.5 17

6 30	21 14.37	−24 54.9	1.490	2.389	14.5	21.0
7 10	21 7.77	−25 26.3	1.440	2.398	10.4	20.8
7 20	20 58.68	−25 57.2	1.411	2.407	6.2	20.5
7 30	20 48.13	−26 21.2	1.407	2.416	3.4	20.4
8 9	20 37.47	−26 33.3	1.429	2.425	5.8	20.6
8 19	20 28.03	−26 31.1	1.476	2.434	9.9	20.8
8 29	20 20.91	−26 15.0	1.546	2.443	13.7	21.1
9 8	20 16.74	−25 47.1	1.636	2.452	17.0	21.3

183960 2004 DL_{60} 8 1.1 320°.40 3°.2/ 3.1 18

6 30	21 7.37	− 7 44.4	1.417	2.296	16.3	20.1
7 10	21 2.90	− 8 11.8	1.347	2.291	12.4	19.9
7 20	20 56.09	− 8 59.1	1.298	2.285	8.0	19.6
7 30	20 47.71	−10 3.2	1.272	2.281	3.9	19.4
8 9	20 38.91	−11 18.3	1.271	2.276	4.5	19.4
8 19	20 30.90	−12 36.8	1.295	2.271	8.9	19.6
8 29	20 24.85	−13 51.7	1.342	2.267	13.3	19.9
9 8	20 21.53	−14 57.3	1.409	2.264	17.2	20.1

310184 2011 SY_{67} 8 1.1 337°.29 7°.9/ 5.8 18

6 30	21 3.51	+ 0 50.6	1.470	2.319	17.4	19.8
7 10	21 0.09	+ 1 16.9	1.392	2.304	14.4	19.5
7 20	20 54.50	+ 1 19.1	1.333	2.290	11.2	19.3
7 30	20 47.44	+ 0 55.5	1.295	2.277	8.6	19.1
8 9	20 39.91	+ 0 7.6	1.280	2.265	8.1	19.1
8 19	20 33.03	− 0 59.7	1.288	2.254	10.2	19.2
8 29	20 27.89	− 2 19.2	1.318	2.244	13.5	19.3
9 8	20 25.27	− 3 42.4	1.369	2.235	16.9	19.5

90913 1997 HK_{7} 8 1.1 337°.62 10°.0/ 7.2 18

6 30	21 3.60	+ 6 28.9	1.714	2.523	17.0	18.3
7 10	20 59.92	+ 7 23.0	1.633	2.507	14.7	18.1
7 20	20 54.32	+ 7 53.7	1.570	2.492	12.4	17.9
7 30	20 47.40	+ 7 57.6	1.528	2.478	10.6	17.8
8 9	20 40.06	+ 7 34.2	1.508	2.464	10.0	17.7
8 19	20 33.25	+ 6 46.0	1.511	2.452	11.2	17.7
8 29	20 27.96	+ 5 38.7	1.537	2.440	13.4	17.8
9 8	20 24.89	+ 4 20.1	1.583	2.430	16.0	18.0

437546 2013 YT_{127} 8 1.1 36°.76 6°.9/ 3.8 18

6 30	21 12.62	− 3 35.1	1.623	2.470	16.1	19.8
7 10	21 6.28	− 2 22.1	1.560	2.475	12.9	19.6
7 20	20 57.80	− 1 24.6	1.518	2.480	9.6	19.4
7 30	20 48.00	− 0 44.9	1.500	2.485	7.2	19.3
8 9	20 37.97	− 0 23.4	1.507	2.491	7.3	19.3
8 19	20 28.83	− 0 18.3	1.540	2.496	9.7	19.5
8 29	20 21.58	− 0 26.1	1.596	2.502	12.8	19.7
9 8	20 16.85	− 0 41.9	1.673	2.508	15.8	19.9

372397 2009 QU_{44} 8 1.1 142°.40 0°.8/31.7 17

6 30	21 12.49	−18 26.4	1.823	2.707	13.0	21.3
7 10	21 6.06	−18 53.8	1.763	2.716	9.3	21.1
7 20	20 57.62	−19 26.5	1.727	2.724	5.2	20.9
7 30	20 47.97	−20 0.1	1.717	2.731	1.1	20.6
8 9	20 38.14	−20 30.2	1.734	2.738	3.7	20.8
8 19	20 29.19	−20 53.4	1.779	2.745	7.9	21.1
8 29	20 22.04	−21 7.8	1.849	2.751	11.6	21.3
9 8	20 17.31	−21 12.9	1.940	2.756	14.7	21.6

238248 2003 UY_{276} 8 1.1 195°.74 3°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.07	− 9 14.8	1.925	2.789	13.3	20.2
7 10	21 3.55	− 9 8.6	1.853	2.789	10.0	20.0
7 20	20 56.21	− 9 14.0	1.804	2.788	6.5	19.8
7 30	20 47.73	− 9 29.7	1.781	2.788	3.4	19.6
8 9	20 39.01	− 9 53.0	1.785	2.787	3.9	19.6
8 19	20 30.96	−10 20.5	1.815	2.786	7.3	19.9
8 29	20 24.44	−10 49.0	1.871	2.785	10.8	20.1
9 8	20 20.06	−11 15.2	1.949	2.784	13.9	20.3

152584 1994 UU_{5} 8 1.1 214°.12 4°.2/28.9 18

6 30	21 10.15	−30 19.2	2.396	3.282	10.2	20.6
7 10	21 4.20	−31 1.8	2.331	3.279	7.6	20.5
7 20	20 56.52	−31 40.8	2.291	3.276	5.2	20.3
7 30	20 47.78	−32 11.2	2.278	3.272	4.3	20.2
8 9	20 38.85	−32 29.6	2.292	3.269	5.7	20.3
8 19	20 30.59	−32 33.8	2.334	3.265	8.2	20.5
8 29	20 23.81	−32 24.0	2.400	3.262	10.8	20.6
9 8	20 19.07	−32 1.8	2.487	3.258	13.1	20.8

318600 2005 JL_{44} 8 1.1 46°.98 0°.3/31.9 17

6 30	21 10.25	−16 12.7	1.209	2.114	16.7	20.1
7 10	21 5.05	−16 48.7	1.166	2.127	12.0	19.9
7 20	20 57.25	−17 35.5	1.142	2.142	6.7	19.6
7 30	20 47.92	−18 26.8	1.142	2.157	1.1	19.3
8 9	20 38.48	−19 15.3	1.166	2.172	4.5	19.6
8 19	20 30.32	−19 55.5	1.214	2.188	9.6	20.0
8 29	20 24.59	−20 23.9	1.283	2.204	14.2	20.3
9 8	20 21.90	−20 39.4	1.372	2.221	17.9	20.6

88874 Wongshingsheuk 8 1.1 239°.20 0°.6/31.7 18

6 30	21 7.88	−17 46.7	2.161	3.044	11.3	19.7
7 10	21 2.64	−18 20.7	2.086	3.039	8.1	19.5
7 20	20 55.70	−19 0.6	2.036	3.033	4.5	19.2
7 30	20 47.67	−19 42.7	2.013	3.028	0.9	19.0
8 9	20 39.36	−20 22.7	2.018	3.022	3.3	19.1
8 19	20 31.64	−20 57.2	2.050	3.016	7.0	19.4
8 29	20 25.32	−21 23.7	2.108	3.010	10.4	19.6
9 8	20 20.97	−21 41.1	2.188	3.004	13.3	19.8

167940 2005 EJ_{184} 8 1.1 176°.54 3°.7/ 3.9 18

6 30	21 7.35	− 4 54.6	2.193	3.037	12.6	20.5
7 10	21 2.15	− 5 8.5	2.118	3.038	9.8	20.3
7 20	20 55.38	− 5 36.8	2.066	3.039	6.7	20.1
7 30	20 47.61	− 6 18.0	2.041	3.040	4.1	19.9
8 9	20 39.60	− 7 9.1	2.042	3.040	4.1	19.9
8 19	20 32.15	− 8 5.9	2.072	3.040	6.7	20.1
8 29	20 26.00	− 9 4.2	2.128	3.040	9.8	20.3
9 8	20 21.70	− 9 59.7	2.207	3.039	12.6	20.5

195635 2002 NB_{6} 8 1.1 341°.10 1°.6/ 1.9 18

6 30	21 9.64	−13 44.6	1.707	2.590	13.8	19.8
7 10	21 4.17	−13 38.0	1.638	2.587	10.2	19.6
7 20	20 56.65	−13 40.4	1.591	2.585	6.1	19.3
7 30	20 47.84	−13 49.4	1.570	2.582	2.1	19.1
8 9	20 38.76	−14 2.0	1.575	2.581	3.6	19.2
8 19	20 30.48	−14 15.3	1.606	2.579	7.8	19.4
8 29	20 23.96	−14 26.5	1.661	2.577	11.8	19.7
9 8	20 19.84	−14 33.6	1.737	2.576	15.1	19.9

510747 2012 XK_{39} 8 1.1 233°.06 6°.4/ 5.1 18

6 30	21 8.44	+ 0 8.0	2.040	2.863	14.2	21.1
7 10	21 3.06	+ 0 42.0	1.962	2.859	11.6	21.0
7 20	20 55.95	+ 0 59.3	1.906	2.855	8.9	20.8
7 30	20 47.72	+ 0 58.8	1.874	2.851	6.9	20.7
8 9	20 39.19	+ 0 41.5	1.868	2.846	6.6	20.6
8 19	20 31.23	+ 0 10.1	1.888	2.842	8.4	20.7
8 29	20 24.67	− 0 31.3	1.933	2.837	11.0	20.9
9 8	20 20.11	− 1 17.7	2.001	2.832	13.7	21.1

433029 2012 SK_{11} 8 1.1 344°.18 3°.3/ 2.7 18

6 30	21 6.46	−10 23.1	1.324	2.216	16.4	20.3
7 10	21 2.37	−10 11.4	1.256	2.206	12.4	20.1
7 20	20 55.85	−10 14.7	1.207	2.198	7.9	19.8
7 30	20 47.72	−10 31.6	1.181	2.191	3.9	19.5
8 9	20 39.18	−10 58.4	1.179	2.184	4.7	19.6
8 19	20 31.51	−11 30.6	1.200	2.178	9.2	19.8
8 29	20 25.89	−12 3.0	1.244	2.174	13.7	20.0
9 8	20 23.10	−12 31.3	1.306	2.171	17.7	20.3

469257 2016 JN_{29} 8 1.1 88°.88 1°.1/ 1.6 17

6 30	21 16.80	−15 21.8	1.440	2.323	15.8	20.9
7 10	21 9.28	−15 14.9	1.396	2.347	11.5	20.7
7 20	20 59.43	−15 16.3	1.375	2.369	6.6	20.5
7 30	20 48.31	−15 22.6	1.378	2.392	1.7	20.2
8 9	20 37.26	−15 30.2	1.408	2.414	3.9	20.4
8 19	20 27.54	−15 36.3	1.464	2.436	8.6	20.7
8 29	20 20.15	−15 38.8	1.544	2.457	12.7	21.0
9 8	20 15.65	−15 36.6	1.644	2.477	16.1	21.3

32443 2000 RD_{101} 8 1.1 103°.01 1°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.14	−14 37.7	1.792	2.665	13.7	18.0
7 10	21 7.84	−14 11.2	1.734	2.678	10.0	17.8
7 20	20 58.57	−13 51.2	1.700	2.692	6.0	17.6
7 30	20 48.17	−13 36.2	1.693	2.705	2.1	17.3
8 9	20 37.71	−13 24.3	1.713	2.718	3.6	17.5
8 19	20 28.25	−13 14.0	1.761	2.730	7.6	17.8
8 29	20 20.68	−13 3.6	1.834	2.743	11.3	18.0
9 8	20 15.56	−12 52.1	1.929	2.755	14.4	18.2

136669 1995 SF_{11} 8 1.1 152°.85 1°.1/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.42	−13 12.1	1.698	2.576	14.1	20.5
7 10	21 5.44	−13 35.5	1.634	2.582	10.3	20.3
7 20	20 57.36	−14 9.7	1.593	2.586	6.0	20.0
7 30	20 47.98	−14 51.1	1.577	2.591	1.7	19.8
8 9	20 38.35	−15 34.8	1.589	2.595	3.5	19.9
8 19	20 29.56	−16 16.3	1.627	2.599	7.9	20.2
8 29	20 22.59	−16 51.9	1.690	2.602	11.9	20.4
9 8	20 18.10	−17 19.3	1.774	2.605	15.2	20.7

19789 Susanjohnson 8 1.1 319°.61 5°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.08	− 6 28.2	1.179	2.065	18.4	17.3
7 10	21 3.16	− 6 10.7	1.105	2.049	14.4	17.0
7 20	20 56.49	− 6 14.4	1.050	2.034	9.9	16.7
7 30	20 47.87	− 6 39.4	1.015	2.019	6.1	16.4
8 9	20 38.61	− 7 22.5	1.003	2.005	6.3	16.4
8 19	20 30.16	− 8 17.7	1.013	1.991	10.5	16.6
8 29	20 23.96	− 9 17.5	1.044	1.978	15.3	16.8
9 8	20 20.96	−10 14.6	1.094	1.967	19.7	17.1

397703 2008 CG_{191} 8 1.1 60°.67 0°.7/31.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.09	−18 39.4	1.923	2.811	12.2	21.5
7 10	21 3.45	−19 4.4	1.875	2.830	8.7	21.3
7 20	20 56.08	−19 34.0	1.851	2.849	4.8	21.1
7 30	20 47.73	−20 4.2	1.853	2.868	1.0	20.9
8 9	20 39.33	−20 31.0	1.883	2.887	3.5	21.1
8 19	20 31.79	−20 51.6	1.939	2.906	7.2	21.4
8 29	20 25.89	−21 4.2	2.020	2.925	10.6	21.6
9 8	20 22.13	−21 8.4	2.124	2.944	13.4	21.9

252685 2002 AX_{171} 8 1.1 51°.84 0°.8/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.58	−20 56.1	1.893	2.780	12.5	19.6
7 10	21 5.94	−20 45.2	1.840	2.794	8.9	19.5
7 20	20 57.46	−20 35.7	1.812	2.809	5.0	19.3
7 30	20 47.97	−20 24.9	1.810	2.824	1.1	19.0
8 9	20 38.48	−20 10.6	1.835	2.839	3.5	19.2
8 19	20 29.97	−19 51.7	1.888	2.855	7.4	19.5
8 29	20 23.25	−19 28.1	1.966	2.871	10.9	19.7
9 8	20 18.83	−19 0.0	2.066	2.886	13.8	20.0

291445 2006 DK_{36} 8 1.1 25°.70 3°.5/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.15	−23 43.0	1.022	1.941	17.7	20.0
7 10	21 6.90	−24 8.9	0.979	1.948	12.8	19.8
7 20	20 58.48	−24 36.2	0.955	1.956	7.5	19.5
7 30	20 48.18	−24 57.1	0.953	1.964	3.6	19.3
8 9	20 37.77	−25 5.2	0.973	1.974	6.6	19.5
8 19	20 28.96	−24 57.5	1.015	1.985	11.7	19.8
8 29	20 23.12	−24 34.7	1.077	1.996	16.4	20.1
9 8	20 20.88	−23 59.2	1.156	2.008	20.3	20.4

374823 2006 UU_{173} 8 1.1 325°.83 3°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.90	−21 32.6	1.137	2.056	16.4	20.4
7 10	21 3.34	−22 17.1	1.064	2.033	11.9	20.1
7 20	20 56.73	−23 9.7	1.010	2.011	6.9	19.8
7 30	20 47.93	−24 2.6	0.978	1.990	3.1	19.5
8 9	20 38.38	−24 47.2	0.969	1.971	6.4	19.6
8 19	20 29.76	−25 16.7	0.981	1.952	11.9	19.8
8 29	20 23.66	−25 27.5	1.013	1.934	17.0	20.1
9 8	20 21.10	−25 19.9	1.062	1.918	21.5	20.3

77408 2001 FY_{171} 8 1.1 312°.39 4°.3/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.69	−24 14.5	1.672	2.575	12.9	18.5
7 10	21 3.12	−25 50.4	1.603	2.564	9.4	18.3
7 20	20 56.26	−27 31.1	1.558	2.554	5.9	18.1
7 30	20 47.81	−29 8.1	1.540	2.544	4.3	17.9
8 9	20 38.88	−30 32.7	1.547	2.534	6.7	18.1
8 19	20 30.64	−31 38.6	1.580	2.525	10.4	18.3
8 29	20 24.25	−32 22.9	1.635	2.515	14.0	18.5
9 8	20 20.51	−32 46.1	1.710	2.507	17.1	18.7

105647 2000 SL_{22} 8 1.1 200°.47 5°.3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.64	−33 44.4	2.290	3.172	10.8	19.9
7 10	21 6.07	−34 24.2	2.229	3.170	8.3	19.7
7 20	20 57.62	−34 57.4	2.192	3.169	6.1	19.6
7 30	20 48.03	−35 18.7	2.182	3.167	5.4	19.5
8 9	20 38.27	−35 24.6	2.199	3.165	6.7	19.6
8 19	20 29.33	−35 13.8	2.242	3.163	9.1	19.8
8 29	20 22.07	−34 47.2	2.310	3.161	11.6	19.9
9 8	20 17.07	−34 7.4	2.398	3.158	13.8	20.1

76389 2000 FN_6 8 1.1 228°.55 2°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.43	−24 24.5	2.102	2.991	11.3	19.7
7 10	21 4.57	−25 2.1	2.031	2.986	8.1	19.5
7 20	20 56.83	−25 40.4	1.985	2.980	4.9	19.3
7 30	20 47.90	−26 14.6	1.966	2.974	2.8	19.1
8 9	20 38.70	−26 40.4	1.974	2.968	4.7	19.2
8 19	20 30.19	−26 55.1	2.009	2.961	8.0	19.4
8 29	20 23.25	−26 57.7	2.069	2.955	11.2	19.6
9 8	20 18.50	−26 48.7	2.150	2.948	14.0	19.8

314577 2005 YJ_{216} 8 1.1 287°.70 1°.8/30.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.09	−21 27.3	2.231	3.121	10.7	21.3
7 10	21 2.08	−22 9.1	2.159	3.115	7.7	21.1
7 20	20 55.40	−22 54.1	2.111	3.108	4.4	20.9
7 30	20 47.66	−23 38.2	2.090	3.102	1.8	20.7
8 9	20 39.66	−24 17.0	2.097	3.096	3.9	20.8
8 19	20 32.23	−24 47.3	2.132	3.090	7.3	21.0
8 29	20 26.17	−25 7.2	2.191	3.084	10.4	21.2
9 8	20 22.06	−25 16.3	2.272	3.078	13.1	21.4

75599 2000 AG_{24} 8 1.1 345°.73 6°.6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.46	−27 15.8	1.327	2.244	14.6	17.6
7 10	21 2.00	−29 14.6	1.269	2.234	10.9	17.3
7 20	20 55.82	−31 16.3	1.233	2.226	7.5	17.1
7 30	20 47.78	−33 8.9	1.221	2.218	6.7	17.1
8 9	20 39.19	−34 41.2	1.233	2.211	9.3	17.2
8 19	20 31.53	−35 45.9	1.268	2.206	13.1	17.4
8 29	20 26.17	−36 20.9	1.323	2.201	16.8	17.6
9 8	20 23.98	−36 28.5	1.394	2.198	20.0	17.8

62479 2000 SD_{220} 8 1.1 298°.59 4°.4/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.23	−27 41.9	2.003	2.899	11.4	18.7
7 10	21 3.23	−28 50.1	1.931	2.886	8.4	18.5
7 20	20 56.20	−29 58.3	1.883	2.873	5.6	18.3
7 30	20 47.82	−30 59.8	1.861	2.860	4.5	18.2
8 9	20 39.05	−31 48.9	1.866	2.847	6.3	18.3
8 19	20 30.92	−32 21.7	1.896	2.834	9.4	18.5
8 29	20 24.40	−32 36.8	1.951	2.822	12.5	18.6
9 8	20 20.19	−32 35.4	2.025	2.809	15.2	18.8

276826 2004 PT_{101} 8 1.1 332°.34 9°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.84	−37 17.1	1.205	2.111	16.6	18.9
7 10	21 8.59	−37 59.4	1.138	2.089	13.4	18.7
7 20	20 59.75	−38 28.0	1.090	2.067	10.7	18.4
7 30	20 48.49	−38 32.0	1.064	2.047	9.8	18.3
8 9	20 36.67	−38 3.9	1.059	2.028	11.7	18.4
8 19	20 26.29	−37 2.6	1.075	2.010	15.1	18.5
8 29	20 19.04	−35 32.9	1.110	1.994	18.9	18.7
9 8	20 15.81	−33 43.0	1.162	1.979	22.4	18.9

261587 2005 XH_{24} 8 1.1 257°.09 6°.0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.25	+ 0 31.0	2.556	3.362	12.1	21.0
7 10	21 3.44	+ 1 19.6	2.462	3.347	10.0	20.8
7 20	20 56.12	+ 1 55.7	2.392	3.332	7.9	20.7
7 30	20 47.80	+ 2 17.8	2.348	3.316	6.3	20.5
8 9	20 39.16	+ 2 25.7	2.331	3.300	6.2	20.5
8 19	20 30.91	+ 2 20.6	2.341	3.284	7.6	20.6
8 29	20 23.75	+ 2 5.0	2.378	3.267	9.8	20.7
9 8	20 18.26	+ 1 42.3	2.438	3.251	12.1	20.8

510846 2013 CM_{53} 8 1.1 82°.54 0°.7/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.51	−19 21.0	2.155	3.039	11.3	21.0
7 10	21 3.68	−19 33.4	2.096	3.048	8.1	20.8
7 20	20 56.22	−19 49.1	2.061	3.058	4.5	20.6
7 30	20 47.81	−20 4.9	2.053	3.068	0.9	20.3
8 9	20 39.30	−20 17.9	2.074	3.078	3.2	20.5
8 19	20 31.52	−20 25.8	2.121	3.087	6.8	20.8
8 29	20 25.24	−20 27.4	2.195	3.097	10.0	21.0
9 8	20 20.95	−20 22.3	2.291	3.106	12.7	21.2

479887 2014 HA_{16} 8 1.1 48°.39 5°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.43	− 2 22.5	1.959	2.800	14.0	21.9
7 10	21 1.62	− 2 16.6	1.892	2.805	11.1	21.7
7 20	20 55.15	− 2 27.7	1.846	2.810	8.1	21.5
7 30	20 47.64	− 2 55.2	1.825	2.815	5.6	21.4
8 9	20 39.93	− 3 36.6	1.830	2.821	5.4	21.4
8 19	20 32.85	− 4 27.6	1.861	2.826	7.6	21.5
8 29	20 27.20	− 5 23.6	1.917	2.832	10.5	21.7
9 8	20 23.53	− 6 19.5	1.996	2.838	13.3	21.9

397674 2008 AO_{94} 8 1.1 64°.41 1°.1/31.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.48	−18 49.4	1.921	2.810	12.2	21.3
7 10	21 3.09	−19 29.3	1.871	2.826	8.7	21.1
7 20	20 55.94	−20 14.1	1.845	2.843	4.8	20.9
7 30	20 47.77	−20 59.2	1.845	2.859	1.2	20.7
8 9	20 39.51	−21 39.9	1.873	2.876	3.7	20.9
8 19	20 32.06	−22 12.9	1.927	2.892	7.4	21.2
8 29	20 26.22	−22 36.0	2.006	2.909	10.8	21.4
9 8	20 22.53	−22 48.7	2.107	2.925	13.6	21.6

346494 2008 UH_{74} 8 1.1 13°.67 10°.5/ 7.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.32	+ 7 41.0	1.770	2.560	17.3	20.7
7 10	21 3.93	+ 8 54.8	1.702	2.561	15.0	20.5
7 20	20 56.56	+ 9 45.5	1.653	2.561	12.7	20.4
7 30	20 47.91	+10 9.3	1.625	2.562	11.0	20.3
8 9	20 38.93	+10 5.5	1.621	2.563	10.5	20.3
8 19	20 30.62	+ 9 36.2	1.640	2.564	11.5	20.3
8 29	20 23.94	+ 8 46.9	1.681	2.565	13.5	20.5
9 8	20 19.56	+ 7 44.7	1.743	2.567	15.8	20.6

1221 Amor 8 1.1 60°.76 8°.5/ 6.7 18

6 30	21 23.78	+ 5 9.7	0.836	1.683	27.4	19.7
7 10	21 14.34	+ 4 1.9	0.829	1.742	21.4	19.5
7 20	21 2.09	+ 2 13.0	0.837	1.799	15.2	19.4
7 30	20 48.79	− 0 8.1	0.865	1.856	10.0	19.4
8 9	20 36.39	− 2 45.0	0.917	1.911	8.6	19.5
8 19	20 26.45	− 5 20.8	0.992	1.964	11.5	19.9
8 29	20 19.95	− 7 42.2	1.089	2.016	15.5	20.3
9 8	20 17.15	− 9 41.9	1.206	2.067	19.1	20.7

355524 2008 AW_{59} 8 1.1 359°.42 0°.5/ 1.5 18

6 30	21 7.73	−15 8.6	1.842	2.727	12.8	20.9
7 10	21 2.72	−15 25.3	1.775	2.726	9.3	20.6
7 20	20 55.84	−15 50.1	1.730	2.726	5.4	20.4
7 30	20 47.79	−16 20.0	1.712	2.726	1.2	20.1
8 9	20 39.50	−16 50.9	1.720	2.726	3.3	20.3
8 19	20 31.93	−17 19.2	1.754	2.726	7.4	20.5
8 29	20 25.95	−17 42.1	1.813	2.727	11.1	20.8
9 8	20 22.19	−17 57.7	1.894	2.728	14.3	21.0

441955 2010 LL_{78} 8 1.1 16°.26 6°.3/ 4.5 18

6 30	21 7.97	− 2 45.4	1.725	2.572	15.3	20.2
7 10	21 2.90	− 1 57.5	1.661	2.576	12.3	20.0
7 20	20 55.94	− 1 26.3	1.618	2.580	9.2	19.8
7 30	20 47.81	− 1 12.9	1.599	2.585	6.8	19.7
8 9	20 39.46	− 1 16.4	1.605	2.591	6.6	19.7
8 19	20 31.87	− 1 34.1	1.636	2.597	8.8	19.8
8 29	20 25.92	− 2 1.6	1.691	2.604	11.8	20.0
9 8	20 22.22	− 2 34.0	1.766	2.611	14.7	20.2

513305 2007 CV_{10} 8 1.1 296°.98 0°.9/31.7 18

6 30	21 10.53	−20 38.9	2.054	2.941	11.6	21.2
7 10	21 4.67	−20 39.2	1.975	2.928	8.4	21.0
7 20	20 56.94	−20 41.5	1.919	2.916	4.8	20.7
7 30	20 48.00	−20 43.0	1.890	2.904	1.1	20.5
8 9	20 38.78	−20 40.8	1.888	2.892	3.5	20.6
8 19	20 30.22	−20 32.9	1.914	2.880	7.4	20.8
8 29	20 23.22	−20 18.7	1.965	2.868	10.9	21.0
9 8	20 18.39	−19 58.1	2.038	2.856	14.0	21.2

93529 2000 UM_{6} 8 1.1 273°.33 2°.2/ 2.4 18

6 30	21 8.89	−10 56.5	1.758	2.633	13.8	19.6
7 10	21 3.76	−11 8.0	1.677	2.620	10.4	19.4
7 20	20 56.56	−11 32.1	1.617	2.607	6.4	19.1
7 30	20 47.96	−12 6.4	1.583	2.594	2.7	18.9
8 9	20 38.93	−12 47.1	1.575	2.581	3.7	18.9
8 19	20 30.52	−13 29.8	1.594	2.567	7.8	19.1
8 29	20 23.74	−14 10.2	1.637	2.554	11.9	19.3
9 8	20 19.33	−14 44.9	1.702	2.541	15.4	19.5

52109 2863 P–L 8 1.1 142°.33 1°.9/ 2.5 18

6 30	21 7.75	−10 38.6	1.997	2.866	12.7	19.5
7 10	21 2.61	−11 0.3	1.928	2.868	9.4	19.3
7 20	20 55.74	−11 33.5	1.882	2.870	5.8	19.1
7 30	20 47.79	−12 15.5	1.862	2.873	2.4	18.9
8 9	20 39.61	−13 2.4	1.869	2.875	3.3	19.0
8 19	20 32.07	−13 49.9	1.904	2.876	6.9	19.2
8 29	20 25.98	−14 34.3	1.964	2.878	10.4	19.4
9 8	20 21.93	−15 12.5	2.047	2.880	13.4	19.6

342614 2008 UH_{335} 8 1.1 150°.17 3°.7/30.0 18

6 30	21 13.29	−27 11.5	1.950	2.840	12.0	20.6
7 10	21 6.69	−27 43.9	1.891	2.844	8.8	20.4
7 20	20 58.05	−28 13.9	1.855	2.847	5.5	20.3
7 30	20 48.20	−28 36.3	1.846	2.851	3.7	20.2
8 9	20 38.19	−28 47.1	1.865	2.854	5.5	20.3
8 19	20 29.08	−28 44.3	1.909	2.857	8.7	20.5
8 29	20 21.80	−28 28.2	1.979	2.860	11.9	20.7
9 8	20 16.96	−28 0.6	2.069	2.862	14.7	20.9

308640 2005 YN_{111} 8 1.1 274°.76 1°.8/ 2.1 17

6 30	21 11.04	−12 13.5	1.287	2.178	16.8	21.3
7 10	21 5.87	−12 29.6	1.217	2.170	12.5	21.1
7 20	20 57.98	−13 1.2	1.168	2.162	7.5	20.8
7 30	20 48.23	−13 44.5	1.142	2.155	2.5	20.4
8 9	20 37.97	−14 33.8	1.140	2.147	4.4	20.5
8 19	20 28.63	−15 22.6	1.162	2.139	9.7	20.8
8 29	20 21.56	−16 5.7	1.207	2.131	14.6	21.1
9 8	20 17.62	−16 39.2	1.270	2.123	18.8	21.3

9956 Castellaz 8 1.2 197°.08 3°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.08	−23 50.8	1.639	2.530	13.8	18.1
7 10	21 9.09	−24 27.6	1.573	2.528	10.0	17.8
7 20	20 59.60	−25 5.7	1.529	2.525	5.9	17.6
7 30	20 48.51	−25 38.8	1.512	2.522	3.0	17.4
8 9	20 37.09	−26 1.4	1.521	2.518	5.5	17.6
8 19	20 26.65	−26 10.1	1.556	2.513	9.6	17.8
8 29	20 18.37	−26 4.6	1.616	2.507	13.5	18.0
9 8	20 12.98	−25 46.4	1.695	2.501	16.9	18.2

55758 1991 XR 8 1.2 264°.48 9°.0/ 3.9 18

6 30	21 16.03	+ 1 28.5	1.825	2.635	16.1	18.6
7 10	21 9.01	+ 3 1.1	1.730	2.614	13.6	18.4
7 20	20 59.63	+ 4 19.4	1.656	2.591	11.0	18.2
7 30	20 48.56	+ 5 18.8	1.608	2.569	9.2	18.0
8 9	20 36.79	+ 5 56.7	1.585	2.546	9.3	17.9
8 19	20 25.50	+ 6 12.6	1.589	2.522	11.2	18.0
8 29	20 15.83	+ 6 9.1	1.616	2.498	14.1	18.1
9 8	20 8.66	+ 5 51.4	1.664	2.474	17.0	18.3

376173 2011 CW_{14} 8 1.2 287°.16 0°.0/31.9 17

6 30	21 11.20	−16 52.6	1.493	2.387	14.8	21.1
7 10	21 5.79	−17 5.3	1.416	2.372	10.8	20.8
7 20	20 57.86	−17 26.3	1.360	2.358	6.2	20.5
7 30	20 48.22	−17 51.7	1.329	2.343	1.1	20.1
8 9	20 38.07	−18 16.7	1.323	2.329	4.1	20.3
8 19	20 28.72	−18 37.1	1.342	2.314	9.1	20.6
8 29	20 21.39	−18 49.9	1.384	2.300	13.7	20.8
9 8	20 16.93	−18 53.9	1.446	2.286	17.6	21.0

40139 1998 QL_{64} 8 1.2 20°.69 6°.3/ 5.9 18

6 30	21 4.61	+ 0 35.4	1.472	2.321	17.4	18.3
7 10	21 0.77	+ 0 8.9	1.410	2.326	14.0	18.1
7 20	20 54.87	− 0 44.7	1.368	2.332	10.3	17.9
7 30	20 47.66	− 2 3.7	1.348	2.339	7.1	17.7
8 9	20 40.19	− 3 42.3	1.352	2.346	6.4	17.7
8 19	20 33.51	− 5 32.3	1.381	2.354	8.9	17.9
8 29	20 28.61	− 7 24.1	1.434	2.362	12.4	18.1
9 8	20 26.15	− 9 9.5	1.509	2.372	15.8	18.3

17466 Vargasllosa 8 1.2 138°.00 1°.4/31.3 18

6 30	21 12.15	−17 46.6	1.543	2.435	14.5	18.2
7 10	21 6.23	−18 49.6	1.486	2.443	10.4	18.0
7 20	20 57.96	−20 1.3	1.452	2.450	5.8	17.7
7 30	20 48.22	−21 14.8	1.443	2.457	1.5	17.4
8 9	20 38.19	−22 22.8	1.461	2.463	4.5	17.7
8 19	20 29.12	−23 19.3	1.504	2.469	9.1	18.0
8 29	20 22.11	−24 1.1	1.572	2.475	13.2	18.2
9 8	20 17.85	−24 27.5	1.659	2.480	16.6	18.5

59952 1999 RG_{222} 8 1.2 350°.42 1°.6/31.1 18

6 30	21 5.92	−19 27.8	1.679	2.579	13.0	18.6
7 10	21 1.67	−20 12.3	1.613	2.574	9.4	18.4
7 20	20 55.37	−21 3.4	1.570	2.569	5.2	18.2
7 30	20 47.76	−21 55.6	1.552	2.565	1.6	17.9
8 9	20 39.84	−22 43.2	1.559	2.562	4.3	18.1
8 19	20 32.66	−23 21.7	1.592	2.559	8.5	18.3
8 29	20 27.22	−23 48.1	1.649	2.557	12.3	18.6
9 8	20 24.18	−24 1.6	1.726	2.556	15.6	18.8

89839 2002 CE_{32} 8 1.2 344°.78 3°.7/29.9 18

6 30	21 10.85	−27 40.7	1.974	2.867	11.7	19.3
7 10	21 4.97	−28 7.1	1.910	2.864	8.6	19.1
7 20	20 57.12	−28 30.8	1.870	2.862	5.4	18.9
7 30	20 48.06	−28 47.1	1.856	2.860	3.7	18.8
8 9	20 38.82	−28 52.1	1.869	2.858	5.5	18.9
8 19	20 30.41	−28 44.0	1.908	2.857	8.6	19.1
8 29	20 23.74	−28 23.1	1.971	2.856	11.8	19.3
9 8	20 19.41	−27 51.0	2.056	2.855	14.6	19.5

398965 2013 ED_{14} 8 1.2 187°.79 2°.1/ 2.9 18

6 30	21 6.37	− 9 4.7	2.340	3.199	11.4	21.7
7 10	21 1.44	− 9 32.2	2.265	3.198	8.6	21.5
7 20	20 55.04	−10 10.9	2.213	3.198	5.4	21.3
7 30	20 47.70	−10 58.7	2.189	3.197	2.5	21.1
8 9	20 40.13	−11 51.9	2.192	3.196	3.0	21.1
8 19	20 33.06	−12 46.6	2.224	3.195	6.1	21.3
8 29	20 27.20	−13 39.2	2.282	3.194	9.2	21.5
9 8	20 23.08	−14 26.6	2.364	3.192	12.0	21.7

359338 2009 RW_{24} 8 1.2 2°.60 5°.4/ 5.2 18

6 30	21 4.95	− 1 7.2	2.083	2.917	13.5	19.9
7 10	21 0.55	− 0 59.7	2.010	2.917	10.9	19.7
7 20	20 54.58	− 1 9.2	1.959	2.917	8.1	19.6
7 30	20 47.62	− 1 35.4	1.932	2.917	5.9	19.4
8 9	20 40.43	− 2 16.1	1.931	2.918	5.6	19.4
8 19	20 33.79	− 3 7.5	1.956	2.919	7.5	19.5
8 29	20 28.46	− 4 5.1	2.006	2.920	10.2	19.7
9 8	20 24.96	− 5 3.7	2.079	2.922	12.9	19.9

122906 2000 SW_{165} 8 1.2 313°.96 0°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.29	−17 24.7	1.475	2.370	14.8	19.2
7 10	21 5.84	−17 14.0	1.399	2.355	10.9	19.0
7 20	20 57.89	−17 9.3	1.343	2.341	6.3	18.7
7 30	20 48.25	−17 7.6	1.312	2.327	1.3	18.3
8 9	20 38.15	−17 5.8	1.307	2.313	4.0	18.5
8 19	20 28.90	−17 1.1	1.326	2.300	9.0	18.7
8 29	20 21.72	−16 51.8	1.368	2.287	13.6	19.0
9 8	20 17.41	−16 37.0	1.431	2.275	17.5	19.2

476092 2007 TP_{64} 8 1.2 327°.18 2°.9/ 2.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.33	−10 2.2	1.432	2.320	15.6	21.0
7 10	21 1.61	−10 6.8	1.350	2.300	11.8	20.7
7 20	20 55.55	−10 27.3	1.289	2.279	7.6	20.4
7 30	20 47.84	−11 2.0	1.250	2.260	3.5	20.1
8 9	20 39.58	−11 46.8	1.236	2.241	4.4	20.1
8 19	20 31.97	−12 36.2	1.245	2.224	8.9	20.3
8 29	20 26.22	−13 24.6	1.277	2.207	13.5	20.5
9 8	20 23.17	−14 7.1	1.329	2.191	17.6	20.7

479289 2013 GL_{76} 8 1.2 194°.53 3°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.19	− 4 54.8	2.424	3.266	11.6	22.0
7 10	21 1.27	− 5 6.3	2.346	3.264	9.1	21.8
7 20	20 54.93	− 5 30.8	2.292	3.263	6.3	21.7
7 30	20 47.69	− 6 7.1	2.263	3.261	3.9	21.5
8 9	20 40.23	− 6 52.6	2.262	3.259	3.9	21.5
8 19	20 33.25	− 7 43.7	2.290	3.257	6.2	21.6
8 29	20 27.41	− 8 36.7	2.343	3.255	9.0	21.8
9 8	20 23.23	− 9 27.8	2.421	3.252	11.6	22.0

312966 1998 HE_{5} 8 1.2 89°.06 1°.4/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.89	−13 22.8	1.433	2.318	15.8	20.7
7 10	21 6.70	−13 33.2	1.381	2.332	11.5	20.4
7 20	20 58.18	−13 55.0	1.351	2.345	6.8	20.2
7 30	20 48.28	−14 24.5	1.346	2.359	2.1	20.0
8 9	20 38.26	−14 56.9	1.366	2.372	3.9	20.1
8 19	20 29.34	−15 27.6	1.412	2.386	8.6	20.4
8 29	20 22.59	−15 53.1	1.481	2.399	12.8	20.7
9 8	20 18.64	−16 11.3	1.570	2.411	16.4	21.0

70489 1999 TC_{54} 8 1.2 138°.09 0°.0/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.20	−16 35.1	1.851	2.735	12.8	19.9
7 10	21 4.51	−16 54.8	1.786	2.738	9.3	19.7
7 20	20 56.88	−17 21.3	1.744	2.740	5.2	19.4
7 30	20 48.06	−17 51.1	1.728	2.743	0.9	19.1
8 9	20 39.01	−18 19.9	1.739	2.745	3.4	19.3
8 19	20 30.74	−18 44.5	1.778	2.747	7.5	19.6
8 29	20 24.14	−19 2.5	1.841	2.749	11.2	19.8
9 8	20 19.83	−19 12.5	1.925	2.751	14.4	20.0

62088 2000 RY_{88} 8 1.2 172°.17 3°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.90	− 7 21.7	2.510	3.356	11.1	19.7
7 10	21 2.42	− 7 16.8	2.435	3.358	8.5	19.5
7 20	20 55.54	− 7 22.1	2.384	3.360	5.7	19.4
7 30	20 47.81	− 7 36.6	2.360	3.362	3.4	19.2
8 9	20 39.89	− 7 58.4	2.364	3.363	3.6	19.2
8 19	20 32.48	− 8 24.9	2.397	3.364	6.0	19.4
8 29	20 26.23	− 8 53.3	2.456	3.364	8.8	19.6
9 8	20 21.64	− 9 21.0	2.539	3.365	11.3	19.8

505840 2015 CR_{24} 8 1.2 223°.91 2°.2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.12	−22 30.3	1.774	2.663	13.0	22.2
7 10	21 7.57	−22 56.8	1.701	2.656	9.4	22.0
7 20	20 58.73	−23 25.4	1.651	2.648	5.4	21.7
7 30	20 48.41	−23 51.1	1.628	2.640	2.3	21.5
8 9	20 37.73	−24 9.1	1.632	2.631	4.7	21.7
8 19	20 27.88	−24 16.5	1.662	2.622	8.8	21.9
8 29	20 19.94	−24 12.2	1.717	2.612	12.6	22.1
9 8	20 14.64	−23 57.2	1.792	2.602	15.9	22.3

517728 2015 LU_{42} 8 1.2 84°.60 8°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.02	−38 43.6	1.876	2.757	12.8	20.7
7 10	21 8.39	−40 56.0	1.851	2.779	10.5	20.6
7 20	20 59.23	−42 55.6	1.850	2.800	9.0	20.6
7 30	20 48.49	−44 32.5	1.875	2.822	9.1	20.6
8 9	20 37.48	−45 40.5	1.925	2.843	10.6	20.8
8 19	20 27.55	−46 17.9	1.998	2.864	12.6	20.9
8 29	20 19.86	−46 27.0	2.093	2.884	14.7	21.1
9 8	20 15.13	−46 12.8	2.205	2.904	16.5	21.3

44634 1999 RZ_{94} 8 1.2 24°.43 3°.2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.05	− 9 25.3	1.080	1.979	18.6	18.5
7 10	21 3.05	− 9 41.4	1.032	1.987	14.0	18.3
7 20	20 56.35	−10 18.2	1.002	1.995	8.8	18.0
7 30	20 47.98	−11 11.7	0.994	2.005	3.9	17.8
8 9	20 39.39	−12 14.7	1.008	2.015	4.8	17.9
8 19	20 32.00	−13 19.2	1.045	2.027	9.8	18.2
8 29	20 27.04	−14 18.0	1.104	2.039	14.6	18.5
9 8	20 25.21	−15 6.0	1.180	2.052	18.7	18.8

230321 2002 CY_{53} 8 1.2 114°.13 1°.9/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.13	−23 2.5	1.800	2.687	13.0	19.9
7 10	21 8.02	−23 6.6	1.742	2.696	9.3	19.7
7 20	20 58.82	−23 10.8	1.707	2.704	5.3	19.5
7 30	20 48.41	−23 11.1	1.699	2.711	2.0	19.3
8 9	20 37.90	−23 4.3	1.718	2.719	4.3	19.4
8 19	20 28.42	−22 49.1	1.764	2.726	8.2	19.7
8 29	20 20.90	−22 25.7	1.835	2.734	11.8	19.9
9 8	20 15.93	−21 55.1	1.928	2.741	14.9	20.1

365666 2010 VZ_{49} 8 1.2 157°.53 8°.0/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.41	+13 15.9	3.042	3.758	12.3	21.2
7 10	21 1.20	+13 56.9	2.967	3.764	10.9	21.1
7 20	20 54.81	+14 20.6	2.913	3.769	9.5	21.0
7 30	20 47.69	+14 25.1	2.882	3.774	8.4	21.0
8 9	20 40.39	+14 10.7	2.875	3.778	8.0	20.9
8 19	20 33.48	+13 39.0	2.894	3.782	8.4	21.0
8 29	20 27.52	+12 52.9	2.937	3.786	9.4	21.1
9 8	20 22.93	+11 56.9	3.004	3.790	10.7	21.2

257149 2008 HW_{16} 8 1.2 138°.52 4°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.23	− 3 43.8	2.330	3.168	12.2	20.8
7 10	21 1.33	− 3 38.7	2.256	3.170	9.6	20.6
7 20	20 54.99	− 3 47.2	2.205	3.171	6.8	20.4
7 30	20 47.74	− 4 8.5	2.180	3.172	4.6	20.3
8 9	20 40.29	− 4 40.7	2.181	3.174	4.5	20.3
8 19	20 33.36	− 5 20.5	2.210	3.175	6.6	20.4
8 29	20 27.62	− 6 4.4	2.265	3.176	9.3	20.6
9 8	20 23.59	− 6 48.5	2.343	3.177	11.9	20.8

447321 2005 XP_{68} 8 1.2 126°.02 2°.4/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.85	− 9 53.0	2.425	3.282	11.1	21.2
7 10	21 2.41	− 9 46.8	2.356	3.288	8.3	21.0
7 20	20 55.55	− 9 49.5	2.310	3.293	5.3	20.8
7 30	20 47.84	− 9 59.7	2.292	3.299	2.7	20.7
8 9	20 39.98	−10 15.4	2.302	3.304	3.2	20.7
8 19	20 32.68	−10 34.2	2.339	3.309	6.0	20.9
8 29	20 26.59	−10 53.8	2.404	3.314	8.9	21.1
9 8	20 22.21	−11 11.7	2.492	3.318	11.5	21.3

357140 2002 AH_{162} 8 1.2 158°.08 0°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.27	−19 34.6	2.498	3.373	10.2	20.8
7 10	21 4.83	−19 32.7	2.429	3.377	7.3	20.6
7 20	20 56.89	−19 32.8	2.385	3.381	4.1	20.4
7 30	20 48.08	−19 32.7	2.370	3.384	0.8	20.2
8 9	20 39.15	−19 30.3	2.384	3.387	2.8	20.3
8 19	20 30.85	−19 24.0	2.426	3.390	6.1	20.6
8 29	20 23.89	−19 13.3	2.495	3.393	9.1	20.7
9 8	20 18.76	−18 57.8	2.588	3.396	11.7	20.9

73092 2002 GZ_{19} 8 1.2 103°.61 7°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.02	−37 4.3	1.822	2.705	13.0	18.8
7 10	21 8.95	−38 7.8	1.779	2.715	10.3	18.7
7 20	20 59.46	−39 0.5	1.758	2.725	8.2	18.6
7 30	20 48.54	−39 34.7	1.763	2.734	7.7	18.6
8 9	20 37.54	−39 45.7	1.793	2.744	9.1	18.7
8 19	20 27.73	−39 32.7	1.847	2.753	11.5	18.8
8 29	20 20.20	−38 58.3	1.923	2.762	14.0	19.0
9 8	20 15.57	−38 7.0	2.019	2.771	16.3	19.2

446708 2015 OD_{34} 8 1.2 40°.26 2°.4/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.30	−22 51.2	1.779	2.676	12.6	20.7
7 10	21 3.91	−23 26.1	1.727	2.685	9.0	20.5
7 20	20 56.55	−24 2.8	1.697	2.695	5.2	20.3
7 30	20 48.03	−24 36.0	1.694	2.705	2.5	20.2
8 9	20 39.38	−25 1.3	1.717	2.715	4.7	20.3
8 19	20 31.62	−25 15.7	1.765	2.726	8.3	20.6
8 29	20 25.65	−25 18.4	1.838	2.737	11.8	20.8
9 8	20 22.06	−25 9.7	1.932	2.748	14.7	21.0

448975 2011 YT_{23} 8 1.2 155°.81 2°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.59	−23 48.8	2.489	3.376	9.8	21.5
7 10	21 2.34	−24 44.7	2.425	3.379	7.1	21.3
7 20	20 55.57	−25 41.8	2.387	3.382	4.2	21.1
7 30	20 47.86	−26 35.7	2.377	3.385	2.5	21.0
8 9	20 39.93	−27 22.3	2.395	3.387	4.2	21.1
8 19	20 32.57	−27 58.4	2.441	3.389	7.1	21.3
8 29	20 26.47	−28 22.6	2.513	3.392	9.8	21.5
9 8	20 22.16	−28 35.0	2.607	3.394	12.1	21.7

428338 2007 HC_{98} 8 1.2 69°.92 6°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.95	+ 0 39.3	1.694	2.529	16.1	20.9
7 10	21 2.28	+ 0 19.2	1.627	2.534	13.0	20.7
7 20	20 55.69	− 0 24.5	1.581	2.540	9.6	20.5
7 30	20 47.89	− 1 30.7	1.558	2.545	6.8	20.4
8 9	20 39.82	− 2 54.9	1.560	2.551	6.2	20.4
8 19	20 32.47	− 4 30.3	1.589	2.557	8.4	20.5
8 29	20 26.75	− 6 9.2	1.643	2.563	11.6	20.7
9 8	20 23.28	− 7 44.3	1.719	2.568	14.8	21.0

442100 2010 TR_{70} 8 1.2 236°.90 4°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.02	− 3 43.8	2.388	3.225	11.9	21.7
7 10	21 1.21	− 3 45.4	2.306	3.219	9.4	21.5
7 20	20 54.94	− 4 0.6	2.248	3.214	6.7	21.3
7 30	20 47.75	− 4 28.7	2.215	3.209	4.5	21.2
8 9	20 40.31	− 5 7.4	2.210	3.203	4.4	21.1
8 19	20 33.34	− 5 53.5	2.232	3.197	6.5	21.3
8 29	20 27.51	− 6 43.4	2.280	3.191	9.3	21.4
9 8	20 23.36	− 7 32.9	2.352	3.185	11.9	21.6

297540 2001 PQ_{37} 8 1.2 295°.55 4°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.87	−27 20.2	1.871	2.769	12.0	20.4
7 10	21 3.93	−28 37.5	1.794	2.751	8.9	20.2
7 20	20 56.79	−29 56.0	1.742	2.733	5.9	20.0
7 30	20 48.12	−31 8.4	1.716	2.715	4.8	19.8
8 9	20 38.94	−32 7.7	1.716	2.697	6.8	19.9
8 19	20 30.38	−32 49.1	1.742	2.680	10.1	20.1
8 29	20 23.54	−33 10.9	1.790	2.662	13.4	20.3
9 8	20 19.19	−33 14.1	1.859	2.645	16.3	20.4

384481 2010 CR_{42} 8 1.2 261°.41 3°.2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.55	−27 36.5	1.760	2.645	13.4	20.2
7 10	21 11.36	−27 22.2	1.692	2.642	9.8	20.0
7 20	21 0.79	−27 2.3	1.647	2.640	6.0	19.8
7 30	20 48.81	−26 32.8	1.629	2.637	3.2	19.6
8 9	20 36.71	−25 51.4	1.638	2.634	5.2	19.7
8 19	20 25.76	−24 58.5	1.675	2.632	9.0	19.9
8 29	20 17.04	−23 56.5	1.737	2.629	12.7	20.2
9 8	20 11.18	−22 48.7	1.821	2.627	15.9	20.4

445420 2010 TT_{166} 8 1.2 297°.32 2°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.67	− 9 31.2	2.112	2.975	12.3	21.1
7 10	21 2.57	− 9 20.4	2.031	2.966	9.3	20.9
7 20	20 55.79	− 9 19.8	1.973	2.957	6.1	20.7
7 30	20 47.92	− 9 28.5	1.941	2.947	3.2	20.5
8 9	20 39.77	− 9 44.2	1.936	2.938	3.7	20.5
8 19	20 32.15	−10 4.5	1.958	2.929	6.8	20.7
8 29	20 25.89	−10 26.2	2.006	2.920	10.2	20.9
9 8	20 21.56	−10 46.7	2.076	2.911	13.2	21.1

478937 2012 XN_{29} 8 1.2 157°.51 5°.2/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.18	− 1 42.0	2.316	3.139	12.7	21.4
7 10	21 3.44	− 1 17.3	2.243	3.144	10.2	21.2
7 20	20 56.18	− 1 6.7	2.194	3.149	7.6	21.0
7 30	20 47.99	− 1 10.4	2.170	3.153	5.6	20.9
8 9	20 39.60	− 1 27.0	2.173	3.157	5.4	20.9
8 19	20 31.78	− 1 54.1	2.204	3.160	7.2	21.0
8 29	20 25.22	− 2 28.2	2.260	3.163	9.7	21.2
9 8	20 20.45	− 3 5.3	2.340	3.166	12.2	21.4

294866 2008 CY_{199} 8 1.2 16°.10 4°.6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.44	− 3 33.5	1.900	2.750	14.0	20.6
7 10	21 1.04	− 3 40.1	1.832	2.752	11.0	20.4
7 20	20 54.94	− 4 3.9	1.784	2.755	7.8	20.2
7 30	20 47.77	− 4 43.8	1.762	2.758	5.1	20.1
8 9	20 40.37	− 5 36.4	1.765	2.761	4.9	20.1
8 19	20 33.59	− 6 37.1	1.794	2.764	7.4	20.2
8 29	20 28.25	− 7 40.7	1.849	2.768	10.6	20.4
9 8	20 24.91	− 8 42.0	1.926	2.772	13.6	20.6

477947 2011 QB_{97} 8 1.2 13°.66 2°.3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.09	−22 44.0	1.797	2.692	12.6	21.2
7 10	21 4.55	−23 15.3	1.735	2.693	9.0	21.0
7 20	20 56.98	−23 48.7	1.697	2.694	5.2	20.7
7 30	20 48.14	−24 19.1	1.684	2.695	2.4	20.5
8 9	20 39.08	−24 41.9	1.697	2.696	4.6	20.7
8 19	20 30.86	−24 54.3	1.737	2.698	8.4	20.9
8 29	20 24.43	−24 55.1	1.801	2.699	12.0	21.2
9 8	20 20.41	−24 44.8	1.885	2.701	15.1	21.4

447351 2005 YL_{201} 8 1.2 229°.07 0°.9/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.84	−14 52.4	2.517	3.386	10.4	21.2
7 10	21 3.16	−14 49.5	2.437	3.380	7.6	21.0
7 20	20 56.02	−14 51.9	2.382	3.374	4.5	20.8
7 30	20 47.96	−14 57.9	2.355	3.368	1.3	20.6
8 9	20 39.70	−15 5.3	2.356	3.361	2.7	20.7
8 19	20 31.95	−15 12.3	2.386	3.355	5.9	20.9
8 29	20 25.40	−15 17.2	2.442	3.348	9.0	21.1
9 8	20 20.56	−15 18.8	2.522	3.341	11.6	21.2

248035 2004 GK_{23} 8 1.2 68°.14 3°.4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.23	− 6 40.1	1.956	2.813	13.4	20.3
7 10	21 2.23	− 6 48.9	1.894	2.824	10.2	20.1
7 20	20 55.56	− 7 12.0	1.855	2.834	6.8	19.9
7 30	20 47.88	− 7 47.3	1.842	2.845	3.9	19.8
8 9	20 40.04	− 8 31.5	1.855	2.856	4.0	19.8
8 19	20 32.89	− 9 20.5	1.895	2.866	7.0	20.0
8 29	20 27.21	−10 9.7	1.960	2.877	10.2	20.2
9 8	20 23.52	−10 55.5	2.048	2.888	13.1	20.4

417876 2007 PX_{7} 8 1.2 344°.87 1°.5/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.41	−22 8.4	0.874	1.803	19.0	19.8
7 10	21 5.62	−21 41.3	0.815	1.789	13.9	19.4
7 20	20 58.24	−21 14.9	0.773	1.776	8.0	19.1
7 30	20 48.43	−20 44.7	0.751	1.766	1.9	18.6
8 9	20 38.08	−20 7.1	0.750	1.757	5.8	18.9
8 19	20 29.18	−19 21.2	0.768	1.750	12.1	19.2
8 29	20 23.45	−18 28.2	0.805	1.745	17.9	19.5
9 8	20 21.77	−17 29.9	0.857	1.742	22.7	19.8

391241 2006 OG_{6} 8 1.2 205°.22 0°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.24	−15 54.0	1.958	2.841	12.2	21.2
7 10	21 3.10	−16 33.2	1.889	2.840	8.9	20.9
7 20	20 56.13	−17 20.6	1.843	2.839	5.0	20.7
7 30	20 48.00	−18 12.1	1.824	2.839	0.9	20.4
8 9	20 39.60	−19 2.8	1.832	2.838	3.3	20.6
8 19	20 31.85	−19 48.4	1.868	2.837	7.3	20.9
8 29	20 25.62	−20 25.8	1.928	2.835	10.9	21.1
9 8	20 21.52	−20 53.2	2.011	2.834	14.0	21.3

389532 2010 JK_{72} 8 1.2 337°.03 3°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.77	− 7 7.4	1.684	2.554	14.6	20.5
7 10	21 1.55	− 7 36.0	1.611	2.549	11.1	20.3
7 20	20 55.36	− 8 22.3	1.559	2.543	7.3	20.0
7 30	20 47.87	− 9 23.6	1.532	2.539	3.8	19.8
8 9	20 40.04	−10 34.9	1.530	2.534	4.1	19.8
8 19	20 32.86	−11 50.1	1.555	2.531	7.8	20.0
8 29	20 27.28	−13 3.1	1.604	2.527	11.7	20.3
9 8	20 24.00	−14 8.7	1.675	2.524	15.1	20.5

311454 2005 UF_{351} 8 1.2 208°.35 2°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.12	−27 4.7	2.792	3.672	9.1	21.6
7 10	21 4.04	−27 34.7	2.718	3.667	6.6	21.4
7 20	20 56.51	−28 3.1	2.670	3.661	4.2	21.2
7 30	20 48.06	−28 26.3	2.651	3.654	2.8	21.1
8 9	20 39.43	−28 41.3	2.660	3.647	4.2	21.2
8 19	20 31.32	−28 46.5	2.697	3.640	6.7	21.4
8 29	20 24.43	−28 41.3	2.761	3.632	9.2	21.5
9 8	20 19.27	−28 26.4	2.848	3.624	11.5	21.7

371428 2006 ST_{150} 8 1.2 268°.54 0°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.54	−14 20.9	1.639	2.522	14.2	21.8
7 10	21 5.98	−14 39.0	1.552	2.502	10.5	21.5
7 20	20 58.03	−15 8.0	1.486	2.481	6.2	21.2
7 30	20 48.39	−15 44.4	1.446	2.460	1.6	20.9
8 9	20 38.14	−16 23.5	1.432	2.439	3.8	21.0
8 19	20 28.50	−17 0.6	1.445	2.417	8.6	21.2
8 29	20 20.67	−17 31.7	1.481	2.395	13.1	21.4
9 8	20 15.50	−17 54.4	1.538	2.372	17.0	21.6

126117 2001 YW_{113} 8 1.2 253°.38 2°.3/ 2.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.12	−12 30.8	1.896	2.764	13.3	20.1
7 10	21 6.73	−12 8.6	1.810	2.750	10.0	19.8
7 20	20 58.27	−11 54.3	1.747	2.736	6.2	19.6
7 30	20 48.41	−11 46.7	1.711	2.721	2.7	19.3
8 9	20 38.15	−11 43.9	1.702	2.706	3.8	19.4
8 19	20 28.52	−11 44.0	1.720	2.690	7.7	19.6
8 29	20 20.52	−11 44.7	1.764	2.674	11.6	19.8
9 8	20 14.86	−11 44.3	1.830	2.658	14.9	20.0

330672 2008 GE_{132} 8 1.2 263°.89 3°.3/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.85	−22 34.6	1.587	2.486	13.7	20.6
7 10	21 5.56	−23 45.2	1.517	2.476	9.9	20.3
7 20	20 57.80	−25 1.2	1.469	2.466	5.9	20.1
7 30	20 48.35	−26 15.1	1.446	2.456	3.3	19.9
8 9	20 38.40	−27 19.0	1.450	2.445	5.9	20.0
8 19	20 29.23	−28 7.2	1.479	2.434	10.1	20.2
8 29	20 22.05	−28 36.9	1.531	2.423	14.1	20.4
9 8	20 17.69	−28 48.7	1.602	2.413	17.5	20.7

439798 2015 HK_{100} 8 1.2 82°.47 7°.2/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.28	+ 2 25.1	1.787	2.607	16.0	20.9
7 10	21 3.11	+ 2 43.1	1.726	2.619	13.1	20.7
7 20	20 56.12	+ 2 39.1	1.685	2.630	10.2	20.6
7 30	20 48.01	+ 2 12.9	1.667	2.641	7.9	20.5
8 9	20 39.72	+ 1 26.7	1.675	2.652	7.3	20.5
8 19	20 32.16	+ 0 25.3	1.707	2.663	8.9	20.6
8 29	20 26.20	− 0 45.1	1.764	2.674	11.6	20.8
9 8	20 22.42	− 1 58.1	1.843	2.685	14.3	21.0

507654 2013 PW_{44} 8 1.2 13°.87 4°.9/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.20	− 7 3.2	1.042	1.938	19.4	20.6
7 10	21 2.56	− 6 56.8	0.991	1.941	15.0	20.4
7 20	20 56.17	− 7 13.6	0.958	1.945	10.0	20.1
7 30	20 48.05	− 7 52.1	0.945	1.951	5.7	19.9
8 9	20 39.62	− 8 46.3	0.954	1.958	5.9	19.9
8 19	20 32.37	− 9 48.6	0.985	1.966	10.2	20.2
8 29	20 27.56	−10 50.8	1.036	1.975	14.9	20.5
9 8	20 25.94	−11 46.0	1.105	1.985	19.1	20.8

133065 2003 FH_{54} 8 1.2 40°.71 5°.0/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.17	−26 15.8	1.039	1.956	17.7	18.9
7 10	21 8.41	−26 58.8	1.001	1.968	12.9	18.6
7 20	20 59.44	−27 39.7	0.983	1.981	7.9	18.4
7 30	20 48.63	−28 9.4	0.987	1.995	5.1	18.3
8 9	20 37.81	−28 21.0	1.014	2.009	7.7	18.5
8 19	20 28.71	−28 12.2	1.062	2.024	12.2	18.8
8 29	20 22.64	−27 44.7	1.130	2.040	16.6	19.1
9 8	20 20.22	−27 2.5	1.216	2.056	20.3	19.4

434720 2006 DN_{85} 8 1.2 204°.96 1°.2/ 2.0 18

6 30	21 9.57	−12 43.8	1.905	2.779	12.9	22.1
7 10	21 4.10	−13 6.0	1.832	2.777	9.5	21.9
7 20	20 56.74	−13 38.6	1.782	2.774	5.7	21.6
7 30	20 48.16	−14 18.5	1.759	2.772	1.8	21.4
8 9	20 39.28	−15 1.4	1.763	2.769	3.3	21.5
8 19	20 31.07	−15 43.4	1.793	2.765	7.3	21.7
8 29	20 24.41	−16 20.7	1.850	2.762	11.0	21.9
9 8	20 19.95	−16 50.8	1.928	2.758	14.2	22.1

449796 2014 OQ_{236} 8 1.2 15°.73 6°.6/ 6.1 15

6 30	21 4.66	+ 1 16.0	1.839	2.670	15.2	21.2
7 10	21 0.53	+ 1 26.8	1.773	2.673	12.4	21.0
7 20	20 54.69	+ 1 16.9	1.727	2.678	9.6	20.9
7 30	20 47.78	+ 0 46.0	1.704	2.683	7.2	20.7
8 9	20 40.65	− 0 3.2	1.706	2.689	6.7	20.7
8 19	20 34.16	− 1 6.3	1.734	2.695	8.4	20.8
8 29	20 29.12	− 2 17.3	1.785	2.702	11.1	21.0
9 8	20 26.11	− 3 29.9	1.859	2.709	13.9	21.2

62368 2000 SG_{150} 8 1.2 258°.38 4°.2/ 4.3 18

6 30	21 6.46	− 4 8.2	2.229	3.071	12.5	19.7
7 10	21 1.64	− 4 6.6	2.149	3.066	9.8	19.5
7 20	20 55.26	− 4 19.0	2.092	3.060	7.0	19.3
7 30	20 47.89	− 4 44.9	2.060	3.055	4.6	19.2
8 9	20 40.26	− 5 21.8	2.055	3.050	4.5	19.2
8 19	20 33.12	− 6 6.5	2.078	3.044	6.8	19.3
8 29	20 27.22	− 6 54.9	2.126	3.039	9.7	19.5
9 8	20 23.11	− 7 43.1	2.197	3.033	12.5	19.7

234005 1997 ER_{28} 8 1.2 154°.48 0°.8/31.7 17

6 30	21 11.12	−18 56.0	2.054	2.936	11.8	21.7
7 10	21 5.06	−19 22.2	1.989	2.941	8.5	21.5
7 20	20 57.20	−19 52.9	1.949	2.946	4.7	21.3
7 30	20 48.25	−20 24.0	1.936	2.950	1.1	21.0
8 9	20 39.10	−20 51.8	1.951	2.954	3.5	21.2
8 19	20 30.68	−21 13.3	1.993	2.958	7.2	21.5
8 29	20 23.83	−21 26.6	2.061	2.961	10.6	21.7
9 8	20 19.13	−21 31.2	2.151	2.964	13.5	21.9

512219 2015 TC_{242} 8 1.2 321°.20 0°.2/ 1.3 17

6 30	21 7.50	−16 42.5	1.939	2.826	12.2	20.8
7 10	21 2.68	−16 48.1	1.857	2.810	8.9	20.6
7 20	20 55.98	−16 59.8	1.798	2.794	5.1	20.3
7 30	20 48.04	−17 15.1	1.765	2.779	1.0	20.0
8 9	20 39.76	−17 30.6	1.759	2.765	3.2	20.2
8 19	20 32.07	−17 43.5	1.779	2.751	7.3	20.4
8 29	20 25.87	−17 51.5	1.824	2.737	11.1	20.6
9 8	20 21.83	−17 53.4	1.890	2.724	14.3	20.8

240163 2002 PG_{33} 8 1.2 314°.03 2°.6/ 2.7 18

6 30	21 7.99	−10 39.7	1.667	2.545	14.3	20.2
7 10	21 3.24	−10 38.8	1.589	2.533	10.8	20.0
7 20	20 56.38	−10 50.5	1.532	2.522	6.8	19.7
7 30	20 48.13	−11 13.1	1.501	2.510	3.1	19.5
8 9	20 39.47	−11 43.0	1.494	2.499	4.0	19.5
8 19	20 31.48	−12 16.4	1.514	2.489	8.0	19.7
8 29	20 25.18	−12 49.1	1.557	2.479	12.1	20.0
9 8	20 21.29	−13 17.5	1.622	2.469	15.7	20.2

84294 2002 TJ_{33} 8 1.2 286°.53 1°.1/31.6 18

6 30	21 9.73	−19 31.7	1.867	2.757	12.4	20.2
7 10	21 4.35	−19 54.9	1.791	2.747	9.0	20.0
7 20	20 56.95	−20 22.9	1.739	2.737	5.1	19.7
7 30	20 48.23	−20 51.7	1.713	2.727	1.3	19.4
8 9	20 39.17	−21 16.9	1.713	2.717	3.8	19.6
8 19	20 30.79	−21 35.2	1.740	2.707	7.9	19.8
8 29	20 24.06	−21 44.7	1.792	2.697	11.7	20.0
9 8	20 19.66	−21 44.7	1.864	2.687	14.9	20.2

51699 2001 KA_{21} 8 1.2 14°.83 3°.9/29.7 18

6 30	21 7.21	−23 24.9	1.423	2.333	14.3	18.2
7 10	21 2.94	−24 39.6	1.373	2.337	10.3	18.0
7 20	20 56.27	−25 57.9	1.344	2.342	6.2	17.8
7 30	20 48.10	−27 11.3	1.339	2.347	3.9	17.6
8 9	20 39.67	−28 11.9	1.360	2.354	6.4	17.8
8 19	20 32.23	−28 54.7	1.404	2.361	10.4	18.1
8 29	20 26.89	−29 17.7	1.470	2.369	14.2	18.3
9 8	20 24.35	−29 22.0	1.556	2.377	17.4	18.6

478660 2012 TQ_{247} 8 1.2 277°.63 1°.6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.97	−13 6.3	1.811	2.689	13.4	21.2
7 10	21 4.54	−13 6.0	1.732	2.678	9.9	21.0
7 20	20 57.07	−13 15.2	1.675	2.667	6.0	20.7
7 30	20 48.27	−13 31.6	1.643	2.656	2.1	20.4
8 9	20 39.08	−13 52.0	1.639	2.644	3.5	20.5
8 19	20 30.56	−14 13.1	1.660	2.633	7.7	20.8
8 29	20 23.66	−14 32.0	1.707	2.622	11.6	21.0
9 8	20 19.08	−14 46.3	1.775	2.611	15.0	21.2

462615 2009 OA_{12} 8 1.2 47°.94 6°.9/ 4.8 17

6 30	21 12.30	− 3 8.7	1.117	1.988	20.3	20.2
7 10	21 6.43	− 2 39.4	1.087	2.018	15.9	20.1
7 20	20 58.07	− 2 35.8	1.075	2.048	11.3	19.9
7 30	20 48.40	− 2 56.9	1.084	2.079	7.6	19.8
8 9	20 38.86	− 3 37.8	1.116	2.111	7.3	19.9
8 19	20 30.78	− 4 31.2	1.171	2.143	10.2	20.2
8 29	20 25.18	− 5 29.4	1.248	2.175	14.0	20.5
9 8	20 22.59	− 6 25.4	1.344	2.207	17.4	20.8

44691 1999 RF_{221} 8 1.2 48°.53 0°.6/31.9 18

6 30	21 9.55	−15 24.9	1.257	2.159	16.4	17.6
7 10	21 4.72	−16 25.6	1.207	2.168	11.8	17.4
7 20	20 57.32	−17 39.3	1.178	2.177	6.6	17.1
7 30	20 48.31	−18 58.6	1.172	2.187	1.2	16.8
8 9	20 39.05	−20 14.7	1.191	2.197	4.5	17.1
8 19	20 30.91	−21 20.3	1.235	2.207	9.7	17.4
8 29	20 25.07	−22 10.6	1.300	2.218	14.2	17.7
9 8	20 22.23	−22 44.1	1.385	2.229	18.0	18.0

210466 1995 FL_{5} 8 1.2 148°.71 2°.8/30.4 18

6 30	21 11.02	−24 29.9	2.081	2.970	11.4	21.1
7 10	21 5.04	−25 6.8	2.019	2.974	8.2	20.9
7 20	20 57.22	−25 43.9	1.982	2.977	4.9	20.7
7 30	20 48.28	−26 16.5	1.972	2.980	2.8	20.5
8 9	20 39.15	−26 40.4	1.989	2.983	4.7	20.7
8 19	20 30.78	−26 53.2	2.033	2.986	7.9	20.9
8 29	20 24.01	−26 54.0	2.102	2.989	11.1	21.1
9 8	20 19.44	−26 43.7	2.193	2.991	13.8	21.3

379329 2009 WY_{70} 8 1.2 165°.59 0°.6/ 1.6 17

6 30	21 10.93	−14 32.2	1.981	2.856	12.5	22.2
7 10	21 4.98	−14 56.8	1.913	2.860	9.1	22.0
7 20	20 57.20	−15 29.7	1.870	2.863	5.3	21.8
7 30	20 48.28	−16 7.5	1.852	2.866	1.2	21.5
8 9	20 39.12	−16 46.1	1.863	2.869	3.1	21.7
8 19	20 30.67	−17 21.7	1.901	2.871	7.1	21.9
8 29	20 23.78	−17 51.5	1.965	2.873	10.7	22.1
9 8	20 19.06	−18 13.7	2.051	2.874	13.8	22.3

472532 2015 CW_{61} 8 1.2 42°.94 3°.5/ 3.8 17

6 30	21 6.83	− 5 8.6	1.344	2.218	17.3	20.2
7 10	21 2.45	− 6 6.8	1.300	2.239	13.1	20.0
7 20	20 55.88	− 7 27.9	1.275	2.260	8.5	19.8
7 30	20 48.03	− 9 6.5	1.275	2.282	4.3	19.6
8 9	20 40.07	−10 54.0	1.299	2.304	4.4	19.7
8 19	20 33.13	−12 40.8	1.349	2.327	8.4	20.0
8 29	20 28.19	−14 18.8	1.423	2.351	12.5	20.3
9 8	20 25.84	−15 42.5	1.518	2.374	16.1	20.6

18335 San Cassiano 8 1.2 295°.34 0°.6/ 1.6 18

6 30	21 8.51	−13 49.4	1.661	2.547	13.9	18.1
7 10	21 3.86	−14 23.9	1.568	2.519	10.3	17.8
7 20	20 56.91	−15 11.5	1.497	2.492	6.1	17.5
7 30	20 48.28	−16 8.5	1.450	2.464	1.4	17.2
8 9	20 38.99	−17 9.3	1.430	2.437	3.7	17.3
8 19	20 30.18	−18 8.0	1.436	2.409	8.6	17.5
8 29	20 23.04	−18 59.4	1.466	2.382	13.1	17.7
9 8	20 18.45	−19 40.3	1.516	2.354	17.0	17.9

511070 2013 TW_{27} 8 1.2 277°.98 1°.8/31.3 17

6 30	21 12.19	−20 23.4	1.579	2.474	14.0	21.7
7 10	21 6.61	−20 56.0	1.496	2.454	10.2	21.4
7 20	20 58.49	−21 34.4	1.435	2.434	5.8	21.1
7 30	20 48.58	−22 13.4	1.400	2.413	1.9	20.8
8 9	20 38.06	−22 47.0	1.390	2.392	4.8	20.9
8 19	20 28.24	−23 10.6	1.406	2.371	9.5	21.1
8 29	20 20.40	−23 21.7	1.445	2.350	13.9	21.4
9 8	20 15.42	−23 20.1	1.503	2.329	17.7	21.5

25926 2001 DY_{48} 8 1.2 26°.97 7°.3/29.4 18

6 30	21 16.08	−34 26.2	1.398	2.296	15.3	17.8
7 10	21 9.34	−34 54.2	1.355	2.305	11.7	17.6
7 20	20 59.83	−35 11.0	1.333	2.314	8.6	17.4
7 30	20 48.76	−35 9.1	1.334	2.325	7.3	17.4
8 9	20 37.74	−34 44.5	1.360	2.335	8.8	17.5
8 19	20 28.26	−33 57.8	1.409	2.347	12.0	17.7
8 29	20 21.49	−32 52.9	1.479	2.359	15.2	18.0
9 8	20 17.98	−31 35.4	1.569	2.372	18.1	18.2

332502 2008 FO_{118} 8 1.2 77°.45 4°.0/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.02	− 7 2.2	1.514	2.383	16.0	20.7
7 10	21 4.68	− 7 4.3	1.455	2.391	12.2	20.4
7 20	20 57.16	− 7 23.7	1.417	2.399	8.1	20.2
7 30	20 48.29	− 7 58.4	1.402	2.407	4.6	20.0
8 9	20 39.20	− 8 44.2	1.413	2.415	4.8	20.1
8 19	20 31.01	− 9 35.8	1.449	2.423	8.4	20.3
8 29	20 24.73	−10 27.6	1.509	2.431	12.3	20.6
9 8	20 21.01	−11 14.9	1.589	2.439	15.8	20.8

67071 2000 AA_{7} 8 1.2 344°.66 6°.6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.59	− 1 43.0	2.042	2.871	14.0	18.2
7 10	21 4.71	− 0 33.2	1.966	2.867	11.4	18.1
7 20	20 57.06	+ 0 23.2	1.912	2.863	8.8	17.9
7 30	20 48.29	+ 1 4.0	1.884	2.860	6.9	17.8
8 9	20 39.23	+ 1 28.7	1.882	2.857	6.8	17.8
8 19	20 30.77	+ 1 38.2	1.906	2.855	8.7	17.9
8 29	20 23.75	+ 1 35.3	1.955	2.852	11.2	18.0
9 8	20 18.77	+ 1 23.8	2.025	2.851	13.8	18.2

248512 2005 VG_{17} 8 1.2 305°.45 5°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.96	−30 10.5	1.980	2.876	11.6	19.6
7 10	21 3.93	−31 20.9	1.910	2.862	8.7	19.4
7 20	20 56.79	−32 29.1	1.863	2.848	6.2	19.2
7 30	20 48.25	−33 28.3	1.843	2.835	5.4	19.1
8 9	20 39.31	−34 12.6	1.848	2.822	7.1	19.2
8 19	20 31.03	−34 38.4	1.879	2.809	10.0	19.4
8 29	20 24.43	−34 44.9	1.933	2.796	13.0	19.5
9 8	20 20.24	−34 33.8	2.007	2.784	15.6	19.7

319207 2005 YR_{198} 8 1.2 320°.99 2°.2/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.28	−20 20.1	2.108	3.000	11.1	20.1
7 10	21 1.75	−21 38.9	2.037	2.994	8.0	19.9
7 20	20 55.46	−23 3.7	1.991	2.988	4.6	19.7
7 30	20 48.01	−24 28.8	1.972	2.983	2.2	19.5
8 9	20 40.21	−25 47.9	1.981	2.978	4.4	19.6
8 19	20 32.95	−26 55.9	2.018	2.973	7.8	19.8
8 29	20 27.08	−27 49.6	2.079	2.968	11.1	20.0
9 8	20 23.22	−28 28.0	2.163	2.963	13.9	20.2

314028 2004 XO_{64} 8 1.2 226°.21 3°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.95	−22 41.5	1.584	2.479	14.0	21.5
7 10	21 7.80	−23 33.3	1.514	2.471	10.1	21.2
7 20	20 59.10	−24 29.1	1.467	2.464	6.0	21.0
7 30	20 48.70	−25 21.8	1.445	2.455	3.0	20.8
8 9	20 37.83	−26 4.8	1.449	2.447	5.6	20.9
8 19	20 27.84	−26 33.4	1.480	2.437	9.9	21.1
8 29	20 19.95	−26 45.9	1.533	2.428	13.9	21.3
9 8	20 14.95	−26 43.2	1.606	2.418	17.4	21.6

152855 1999 VV_{215} 8 1.2 312°.29 5°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.24	−31 43.1	2.048	2.938	11.5	19.7
7 10	21 5.42	−32 21.6	1.979	2.928	8.7	19.5
7 20	20 57.55	−32 55.1	1.935	2.919	6.2	19.3
7 30	20 48.39	−33 17.8	1.917	2.909	5.2	19.3
8 9	20 38.97	−33 25.5	1.925	2.900	6.7	19.3
8 19	20 30.34	−33 16.5	1.958	2.891	9.4	19.5
8 29	20 23.45	−32 51.2	2.016	2.883	12.3	19.7
9 8	20 18.95	−32 12.1	2.093	2.874	14.9	19.8

242498 2004 XG_{25} 8 1.2 203°.09 2°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.68	−11 33.3	2.159	3.021	12.1	20.5
7 10	21 5.43	−11 20.8	2.082	3.018	9.1	20.3
7 20	20 57.45	−11 16.6	2.028	3.014	5.7	20.1
7 30	20 48.38	−11 19.2	2.000	3.010	2.6	19.9
8 9	20 39.05	−11 26.8	2.002	3.005	3.4	19.9
8 19	20 30.33	−11 36.9	2.031	3.000	6.8	20.1
8 29	20 23.04	−11 47.3	2.086	2.995	10.1	20.3
9 8	20 17.77	−11 56.1	2.164	2.989	13.1	20.5

87329 2000 QO_{17} 8 1.2 338°.54 0°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.87	−17 52.8	1.744	2.637	13.0	19.1
7 10	21 3.09	−18 13.3	1.674	2.631	9.4	18.8
7 20	20 56.28	−18 40.3	1.626	2.624	5.3	18.6
7 30	20 48.18	−19 9.9	1.604	2.619	1.0	18.3
8 9	20 39.77	−19 37.8	1.608	2.613	3.7	18.5
8 19	20 32.09	−20 0.4	1.637	2.608	7.9	18.7
8 29	20 26.10	−20 15.1	1.691	2.604	11.8	18.9
9 8	20 22.46	−20 20.7	1.766	2.600	15.2	19.1

478769 2012 UT_{121} 8 1.2 217°.26 4°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.37	− 4 16.3	2.301	3.136	12.4	21.8
7 10	21 3.73	− 4 1.1	2.217	3.129	9.8	21.6
7 20	20 56.49	− 3 58.6	2.156	3.122	7.0	21.5
7 30	20 48.21	− 4 8.8	2.121	3.114	4.7	21.3
8 9	20 39.64	− 4 30.0	2.113	3.105	4.7	21.3
8 19	20 31.57	− 4 59.5	2.134	3.097	6.9	21.4
8 29	20 24.73	− 5 34.0	2.180	3.087	9.8	21.6
9 8	20 19.72	− 6 9.9	2.250	3.078	12.5	21.7

248567 2006 AL_{22} 8 1.2 214°.61 4°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.73	−32 6.8	3.136	4.012	8.3	21.9
7 10	21 3.79	−32 54.0	3.063	4.004	6.3	21.7
7 20	20 56.44	−33 37.5	3.017	3.994	4.6	21.6
7 30	20 48.20	−34 13.3	2.999	3.985	4.0	21.6
8 9	20 39.73	−34 38.5	3.009	3.975	5.1	21.6
8 19	20 31.72	−34 51.1	3.047	3.964	7.1	21.7
8 29	20 24.82	−34 51.0	3.111	3.953	9.1	21.9
9 8	20 19.54	−34 39.1	3.197	3.941	11.0	22.0

480499 2015 LQ_{35} 8 1.2 23°.65 8°.1/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.89	+ 1 57.5	1.458	2.299	17.9	20.9
7 10	21 1.75	+ 2 22.9	1.402	2.307	14.8	20.7
7 20	20 55.54	+ 2 22.9	1.364	2.316	11.5	20.5
7 30	20 48.04	+ 1 56.6	1.348	2.326	8.8	20.4
8 9	20 40.32	+ 1 6.8	1.355	2.337	8.2	20.4
8 19	20 33.46	− 0 0.8	1.385	2.348	10.0	20.5
8 29	20 28.41	− 1 18.6	1.438	2.360	12.9	20.7
9 8	20 25.81	− 2 38.5	1.512	2.372	15.9	20.9

445454 2010 VH_{10} 8 1.2 269°.28 6°.8/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.72	+ 4 19.1	2.527	3.317	12.7	21.6
7 10	21 1.80	+ 4 49.4	2.430	3.298	10.7	21.4
7 20	20 55.41	+ 5 3.6	2.354	3.278	8.7	21.2
7 30	20 48.03	+ 5 0.4	2.303	3.258	7.2	21.1
8 9	20 40.29	+ 4 40.2	2.278	3.239	6.8	21.1
8 19	20 32.89	+ 4 4.7	2.279	3.218	8.0	21.1
8 29	20 26.53	+ 3 17.4	2.306	3.198	10.0	21.2
9 8	20 21.79	+ 2 23.0	2.356	3.177	12.2	21.3

339484 2005 FH_{5} 8 1.2 195°.08 2°.7/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.00	−25 19.7	2.430	3.311	10.2	21.8
7 10	21 5.61	−25 56.3	2.359	3.309	7.4	21.6
7 20	20 57.54	−26 32.5	2.313	3.306	4.5	21.4
7 30	20 48.41	−27 4.1	2.295	3.302	2.7	21.3
8 9	20 39.06	−27 27.4	2.306	3.298	4.4	21.4
8 19	20 30.31	−27 40.0	2.345	3.293	7.3	21.6
8 29	20 22.98	−27 41.3	2.410	3.287	10.2	21.7
9 8	20 17.62	−27 31.9	2.497	3.281	12.7	21.9

37529 1977 EL_{8} 8 1.2 184°.63 4°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.71	− 2 23.4	2.247	3.077	12.8	20.3
7 10	21 3.26	− 2 38.6	2.169	3.077	10.2	20.1
7 20	20 56.23	− 3 9.7	2.113	3.077	7.3	19.9
7 30	20 48.18	− 3 55.8	2.083	3.076	4.8	19.7
8 9	20 39.86	− 4 53.7	2.081	3.074	4.6	19.7
8 19	20 32.07	− 5 59.3	2.107	3.072	6.9	19.9
8 29	20 25.54	− 7 7.7	2.160	3.070	9.8	20.0
9 8	20 20.84	− 8 14.3	2.236	3.066	12.5	20.2

121422 1999 TD_{149} 8 1.2 263°.68 0°.7/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.02	−18 44.2	2.395	3.276	10.4	20.5
7 10	21 2.81	−19 10.8	2.311	3.262	7.5	20.3
7 20	20 56.00	−19 41.9	2.251	3.248	4.2	20.1
7 30	20 48.14	−20 14.4	2.219	3.233	0.9	19.8
8 9	20 39.97	−20 44.7	2.215	3.218	3.1	20.0
8 19	20 32.28	−21 10.0	2.238	3.203	6.6	20.2
8 29	20 25.82	−21 28.1	2.288	3.188	9.7	20.4
9 8	20 21.18	−21 38.2	2.361	3.172	12.5	20.5

173089 2007 RJ_{37} 8 1.2 355°.46 1°.9/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.92	−20 8.3	0.871	1.802	18.8	19.2
7 10	21 3.02	−20 26.9	0.819	1.795	13.6	18.9
7 20	20 56.78	−20 53.7	0.786	1.789	7.7	18.6
7 30	20 48.34	−21 21.6	0.771	1.785	2.2	18.2
8 9	20 39.46	−21 43.0	0.777	1.784	5.9	18.5
8 19	20 31.97	−21 52.4	0.803	1.784	12.0	18.8
8 29	20 27.46	−21 47.2	0.847	1.785	17.5	19.1
9 8	20 26.73	−21 27.7	0.907	1.789	22.0	19.4

193307 2000 SZ_{294} 8 1.2 303°.15 19°.4/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.91	+30 20.4	1.840	2.452	22.0	19.7
7 10	21 4.24	+32 27.4	1.767	2.436	21.3	19.6
7 20	20 57.21	+34 2.6	1.707	2.421	20.5	19.5
7 30	20 48.43	+34 58.1	1.660	2.406	19.8	19.4
8 9	20 38.92	+35 8.7	1.627	2.391	19.5	19.3
8 19	20 29.85	+34 33.4	1.610	2.377	19.4	19.3
8 29	20 22.46	+33 15.6	1.607	2.363	19.8	19.3
9 8	20 17.70	+31 23.6	1.618	2.349	20.5	19.3

4435 Holt 8 1.2 255°.01 5°.6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.77	−32 47.8	1.926	2.799	12.9	17.8
7 10	21 14.85	−33 10.7	1.835	2.774	9.9	17.6
7 20	21 3.13	−33 25.8	1.768	2.748	7.0	17.4
7 30	20 49.51	−33 25.9	1.728	2.721	5.6	17.2
8 9	20 35.34	−33 6.2	1.717	2.693	7.2	17.3
8 19	20 22.07	−32 25.4	1.732	2.664	10.5	17.4
8 29	20 11.04	−31 25.9	1.773	2.635	14.0	17.5
9 8	20 3.10	−30 12.7	1.835	2.604	17.1	17.7

231599 2008 YJ_{149} 8 1.2 305°.10 4°.4/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.04	−23 20.1	1.588	2.492	13.4	19.6
7 10	21 3.77	−25 7.9	1.509	2.471	9.8	19.3
7 20	20 57.00	−27 4.4	1.453	2.449	6.1	19.0
7 30	20 48.40	−29 0.1	1.423	2.427	4.5	18.9
8 9	20 39.07	−30 44.6	1.419	2.406	7.1	19.0
8 19	20 30.30	−32 9.6	1.440	2.385	11.2	19.2
8 29	20 23.41	−33 10.7	1.483	2.364	15.1	19.4
9 8	20 19.34	−33 47.6	1.546	2.344	18.6	19.5

512585 2016 SY_{41} 8 1.2 302°.11 3°.1/30.4 18

6 30	21 10.08	−23 41.8	1.696	2.594	13.0	21.1
7 10	21 4.91	−24 23.9	1.621	2.580	9.5	20.8
7 20	20 57.45	−25 8.5	1.569	2.566	5.6	20.6
7 30	20 48.45	−25 49.8	1.543	2.552	3.1	20.4
8 9	20 39.02	−26 22.0	1.542	2.539	5.4	20.5
8 19	20 30.33	−26 41.2	1.567	2.525	9.4	20.7
8 29	20 23.50	−26 45.8	1.615	2.512	13.2	20.9
9 8	20 19.30	−26 36.4	1.683	2.499	16.6	21.1

96704 1999 JQ_{111} 8 1.2 173°.95 6°.6/28.1 18

6 30	21 13.28	−28 48.3	1.382	2.287	15.0	19.3
7 10	21 7.68	−30 25.7	1.329	2.287	11.2	19.1
7 20	20 59.18	−32 1.7	1.298	2.287	7.8	18.9
7 30	20 48.78	−33 25.4	1.292	2.287	6.6	18.9
8 9	20 37.95	−34 27.2	1.310	2.287	8.9	19.0
8 19	20 28.24	−35 2.5	1.352	2.287	12.6	19.2
8 29	20 21.03	−35 11.1	1.414	2.287	16.2	19.4
9 8	20 17.14	−34 56.9	1.494	2.287	19.3	19.6

450030 2015 RK 8 1.2 354°.75 4°.2/ 4.5 18

6 30	21 4.61	− 3 52.7	1.814	2.669	14.4	20.6
7 10	21 0.63	− 4 15.6	1.741	2.666	11.2	20.4
7 20	20 54.87	− 4 57.4	1.690	2.664	7.8	20.2
7 30	20 47.96	− 5 56.2	1.663	2.662	4.9	20.0
8 9	20 40.76	− 7 7.8	1.662	2.661	4.7	20.0
8 19	20 34.17	− 8 26.5	1.687	2.660	7.5	20.2
8 29	20 29.03	− 9 46.0	1.737	2.660	10.9	20.4
9 8	20 25.96	−11 0.7	1.809	2.661	14.1	20.6

195368 2002 FR_{28} 8 1.2 40°.97 2°.9/30.5 18

6 30	21 9.55	−21 34.7	1.378	2.285	14.9	19.4
7 10	21 4.57	−22 37.5	1.336	2.300	10.6	19.2
7 20	20 57.18	−23 44.6	1.316	2.315	6.1	19.0
7 30	20 48.38	−24 48.0	1.320	2.331	2.9	18.8
8 9	20 39.46	−25 40.6	1.349	2.348	5.6	19.1
8 19	20 31.67	−26 17.8	1.402	2.365	9.8	19.3
8 29	20 26.09	−26 37.8	1.478	2.382	13.7	19.6
9 8	20 23.33	−26 41.5	1.573	2.400	17.0	19.9

447900 2007 XM_{3} 8 1.2 298°.92 21°.2/14.0 17

6 30	21 7.69	+21 27.1	1.137	1.886	27.2	21.0
7 10	21 4.03	+23 23.9	1.072	1.874	25.5	20.8
7 20	20 57.38	+24 39.0	1.019	1.862	23.7	20.6
7 30	20 48.50	+25 0.7	0.978	1.851	22.2	20.5
8 9	20 38.77	+24 22.4	0.952	1.840	21.3	20.4
8 19	20 29.78	+22 44.4	0.940	1.829	21.3	20.3
8 29	20 23.16	+20 15.5	0.945	1.818	22.3	20.3
9 8	20 20.05	+17 12.3	0.965	1.808	24.1	20.4

90762 1993 TV_{3} 8 1.2 294°.79 1°.8/31.0 18

6 30	21 8.79	−22 9.3	2.164	3.053	11.0	19.3
7 10	21 3.54	−22 34.0	2.083	3.038	8.0	19.1
7 20	20 56.49	−23 0.9	2.026	3.023	4.6	18.8
7 30	20 48.27	−23 26.2	1.996	3.008	1.9	18.6
8 9	20 39.73	−23 46.2	1.994	2.993	3.9	18.7
8 19	20 31.76	−23 58.1	2.018	2.979	7.4	18.9
8 29	20 25.22	−24 0.5	2.067	2.964	10.8	19.1
9 8	20 20.72	−23 53.3	2.139	2.950	13.7	19.3

175523 2006 SE_{70} 8 1.2 40°.47 0°.3/ 1.4 17

6 30	21 10.11	−15 0.7	1.178	2.082	17.1	19.9
7 10	21 5.18	−15 30.3	1.133	2.094	12.4	19.6
7 20	20 57.62	−16 12.4	1.108	2.106	7.1	19.4
7 30	20 48.47	−17 1.1	1.105	2.120	1.4	19.0
8 9	20 39.18	−17 49.5	1.127	2.134	4.3	19.3
8 19	20 31.14	−18 31.5	1.171	2.148	9.6	19.6
8 29	20 25.52	−19 3.1	1.238	2.163	14.2	19.9
9 8	20 22.97	−19 22.4	1.324	2.179	18.1	20.2

448514 2010 NV_{46} 8 1.2 265°.13 5°.2/ 5.3 16

6 30	21 6.37	− 0 13.3	2.453	3.270	12.2	21.9
7 10	21 1.59	− 0 4.6	2.358	3.253	10.0	21.7
7 20	20 55.32	− 0 11.0	2.286	3.236	7.6	21.5
7 30	20 48.06	− 0 32.7	2.239	3.219	5.6	21.3
8 9	20 40.46	− 1 8.2	2.218	3.201	5.4	21.3
8 19	20 33.24	− 1 54.8	2.225	3.183	7.0	21.4
8 29	20 27.09	− 2 48.6	2.259	3.165	9.6	21.5
9 8	20 22.58	− 3 45.1	2.315	3.147	12.1	21.6

478946 2012 XR_{45} 8 1.2 339°.58 6°.5/ 4.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.08	− 2 41.0	1.519	2.376	16.6	20.8
7 10	21 2.72	− 2 11.5	1.447	2.369	13.3	20.5
7 20	20 56.20	− 2 1.7	1.395	2.362	9.8	20.3
7 30	20 48.24	− 2 12.5	1.365	2.356	7.0	20.2
8 9	20 39.88	− 2 42.1	1.359	2.350	6.8	20.1
8 19	20 32.25	− 3 26.3	1.377	2.345	9.4	20.3
8 29	20 26.38	− 4 19.2	1.418	2.341	12.9	20.5
9 8	20 23.03	− 5 14.3	1.479	2.337	16.3	20.7

404880 2014 KR_{56} 8 1.2 53°.19 1°.6/30.9 18

6 30	21 7.31	−19 42.4	2.081	2.970	11.4	20.2
7 10	21 2.44	−20 41.3	2.018	2.974	8.1	20.0
7 20	20 55.84	−21 45.4	1.979	2.977	4.6	19.7
7 30	20 48.15	−22 49.5	1.968	2.980	1.7	19.6
8 9	20 40.23	−23 48.5	1.984	2.984	3.9	19.7
8 19	20 32.94	−24 38.2	2.027	2.988	7.4	19.9
8 29	20 27.09	−25 16.0	2.096	2.991	10.7	20.2
9 8	20 23.26	−25 41.0	2.186	2.995	13.5	20.4

479949 2014 HD_{172} 8 1.2 97°.74 2°.2/ 3.0 16

6 30	21 7.55	− 8 52.7	2.193	3.052	12.1	21.6
7 10	21 2.38	− 9 18.0	2.132	3.066	9.0	21.4
7 20	20 55.70	− 9 55.0	2.095	3.079	5.7	21.2
7 30	20 48.12	−10 41.0	2.085	3.093	2.7	21.0
8 9	20 40.39	−11 32.3	2.102	3.106	3.2	21.1
8 19	20 33.29	−12 24.9	2.147	3.119	6.3	21.3
8 29	20 27.52	−13 14.9	2.219	3.132	9.4	21.5
9 8	20 23.57	−13 59.5	2.314	3.145	12.1	21.7

393304 2013 YL_{105} 8 1.2 35°.27 2°.2/30.9 18

6 30	21 10.37	−22 5.7	1.731	2.627	13.0	20.6
7 10	21 4.88	−22 39.7	1.672	2.630	9.3	20.4
7 20	20 57.30	−23 16.5	1.636	2.633	5.3	20.2
7 30	20 48.43	−23 50.8	1.625	2.637	2.3	20.0
8 9	20 39.35	−24 17.7	1.641	2.641	4.6	20.2
8 19	20 31.13	−24 34.2	1.682	2.645	8.5	20.4
8 29	20 24.76	−24 38.8	1.748	2.649	12.2	20.7
9 8	20 20.86	−24 31.9	1.834	2.653	15.3	20.9

106477 2000 WZ_{16} 8 1.2 227°.53 5°.6/27.9 18

6 30	21 12.85	−31 14.0	2.052	2.940	11.6	20.7
7 10	21 6.73	−32 29.4	1.984	2.931	8.8	20.5
7 20	20 58.42	−33 41.6	1.941	2.922	6.4	20.4
7 30	20 48.66	−34 43.4	1.924	2.912	5.6	20.3
8 9	20 38.48	−35 28.7	1.934	2.902	7.3	20.4
8 19	20 29.00	−35 54.3	1.970	2.892	10.1	20.5
8 29	20 21.28	−35 59.8	2.030	2.881	12.9	20.7
9 8	20 16.04	−35 47.6	2.109	2.869	15.4	20.9

94245 2001 CW_{11} 8 1.2 237°.53 2°.5/30.5 18 R

6 30	21 10.05	−25 8.6	2.449	3.334	10.1	19.9
7 10	21 4.23	−25 33.5	2.376	3.327	7.3	19.7
7 20	20 56.78	−25 58.0	2.327	3.320	4.4	19.5
7 30	20 48.33	−26 18.3	2.305	3.313	2.5	19.4
8 9	20 39.66	−26 31.2	2.312	3.306	4.1	19.5
8 19	20 31.58	−26 34.8	2.346	3.298	7.1	19.7
8 29	20 24.84	−26 28.3	2.407	3.291	10.0	19.8
9 8	20 19.99	−26 12.5	2.489	3.283	12.5	20.0

107555 2001 DH_{80} 8 1.2 117°.44 1°.0/31.7 18

6 30	21 12.01	−17 46.8	1.516	2.409	14.6	19.9
7 10	21 6.27	−18 29.6	1.458	2.415	10.5	19.7
7 20	20 58.17	−19 20.3	1.422	2.420	5.9	19.5
7 30	20 48.60	−20 13.4	1.412	2.426	1.3	19.2
8 9	20 38.77	−21 2.3	1.427	2.431	4.3	19.4
8 19	20 29.91	−21 42.1	1.468	2.437	8.9	19.7
8 29	20 23.11	−22 10.0	1.533	2.442	13.1	19.9
9 8	20 19.06	−22 25.2	1.618	2.447	16.5	20.2

126870 2002 EV_{86} 8 1.2 108°.84 0°.6/31.9 18

6 30	21 10.57	−17 17.2	1.827	2.712	12.9	19.8
7 10	21 4.87	−17 54.3	1.769	2.722	9.3	19.6
7 20	20 57.23	−18 38.1	1.734	2.731	5.2	19.4
7 30	20 48.42	−19 24.2	1.726	2.741	1.0	19.1
8 9	20 39.42	−20 7.4	1.745	2.750	3.6	19.3
8 19	20 31.24	−20 44.0	1.791	2.759	7.6	19.6
8 29	20 24.77	−21 11.2	1.862	2.767	11.3	19.9
9 8	20 20.60	−21 28.1	1.954	2.776	14.4	20.1

39093 2000 VM_{58} 8 1.2 162°.46 4°.5/ 4.8 18

6 30	21 6.56	− 2 34.8	2.368	3.199	12.2	19.0
7 10	21 1.65	− 2 31.2	2.293	3.201	9.7	18.9
7 20	20 55.31	− 2 41.7	2.241	3.202	7.0	18.7
7 30	20 48.07	− 3 5.9	2.214	3.204	4.9	18.6
8 9	20 40.63	− 3 41.5	2.215	3.205	4.7	18.6
8 19	20 33.68	− 4 25.5	2.243	3.206	6.6	18.7
8 29	20 27.90	− 5 14.1	2.297	3.207	9.2	18.9
9 8	20 23.80	− 6 3.2	2.374	3.208	11.8	19.0

276814 2004 PK_{53} 8 1.2 302.°90 2.°0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.92	−21 10.5	1.521	2.420	14.2	20.4
7 10	21 5.72	−21 38.7	1.446	2.406	10.3	20.2
7 20	20 58.02	−22 11.6	1.392	2.391	5.9	19.9
7 30	20 48.62	−22 43.7	1.364	2.377	2.1	19.6
8 9	20 38.73	−23 9.5	1.360	2.363	4.9	19.7
8 19	20 29.65	−23 24.9	1.382	2.349	9.5	20.0
8 29	20 22.61	−23 27.9	1.426	2.335	13.9	20.2
9 8	20 18.42	−23 18.6	1.490	2.322	17.6	20.4

87413 2000 QU_{89} 8 1.2 294.°87 1.°3/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.34	−20 51.5	1.617	2.510	13.9	18.5
7 10	21 7.20	−20 55.9	1.548	2.504	10.1	18.3
7 20	20 58.71	−21 3.1	1.501	2.499	5.7	18.0
7 30	20 48.73	−21 9.0	1.479	2.493	1.5	17.7
8 9	20 38.43	−21 9.8	1.484	2.488	4.2	17.9
8 19	20 29.06	−21 3.3	1.514	2.482	8.7	18.2
8 29	20 21.69	−20 48.4	1.569	2.477	12.8	18.4
9 8	20 17.06	−20 25.8	1.644	2.472	16.3	18.6

490754 2010 TQ_{119} 8 1.2 287.°49 4.°1/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.17	− 5 28.5	2.406	3.244	11.8	21.8
7 10	21 3.74	− 5 4.6	2.297	3.212	9.3	21.6
7 20	20 56.64	− 4 51.5	2.211	3.179	6.7	21.3
7 30	20 48.36	− 4 49.3	2.151	3.146	4.5	21.1
8 9	20 39.60	− 4 57.2	2.119	3.112	4.6	21.1
8 19	20 31.14	− 5 13.4	2.115	3.078	7.0	21.2
8 29	20 23.78	− 5 35.2	2.138	3.044	10.0	21.3
9 8	20 18.17	− 5 59.6	2.183	3.010	12.9	21.4

329703 2003 UN_{275} 8 1.2 184.°10 9.°2/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.51	+10 23.6	2.233	2.983	15.3	22.1
7 10	21 5.35	+11 1.9	2.154	2.984	13.3	21.9
7 20	20 57.49	+11 18.3	2.095	2.984	11.3	21.8
7 30	20 48.50	+11 10.5	2.060	2.983	9.7	21.7
8 9	20 39.20	+10 38.6	2.048	2.982	9.2	21.6
8 19	20 30.43	+ 9 45.4	2.063	2.979	10.0	21.7
8 29	20 23.00	+ 8 35.9	2.102	2.975	11.6	21.8
9 8	20 17.52	+ 7 16.7	2.164	2.971	13.7	21.9

221010 2005 OW_{11} 8 1.2 325.°91 1.°2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.35	−14 15.2	1.215	2.119	16.7	19.9
7 10	21 3.55	−14 23.6	1.139	2.100	12.4	19.6
7 20	20 56.98	−14 45.4	1.084	2.081	7.4	19.3
7 30	20 48.46	−15 17.4	1.050	2.064	2.0	18.9
8 9	20 39.29	−15 54.0	1.040	2.047	4.4	19.0
8 19	20 30.95	−16 29.5	1.052	2.032	10.0	19.3
8 29	20 24.84	−16 58.8	1.086	2.017	15.2	19.5
9 8	20 21.93	−17 18.6	1.137	2.003	19.6	19.8

254323 2004 SR_{1} 8 1.2 268.°46 0.°0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.36	−16 21.4	2.405	3.282	10.5	21.1
7 10	21 2.37	−16 49.5	2.318	3.266	7.6	20.8
7 20	20 55.81	−17 23.9	2.255	3.250	4.3	20.6
7 30	20 48.20	−18 1.8	2.220	3.234	0.8	20.3
8 9	20 40.27	−18 39.5	2.212	3.218	2.8	20.5
8 19	20 32.78	−19 13.9	2.233	3.201	6.4	20.7
8 29	20 26.47	−19 42.5	2.280	3.184	9.6	20.8
9 8	20 21.94	−20 3.6	2.350	3.167	12.4	21.0

52688 1998 FL_{1} 8 1.2 42.°19 6.°1/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.89	−32 55.1	1.955	2.847	11.9	18.0
7 10	21 5.26	−34 3.3	1.904	2.851	9.1	17.9
7 20	20 57.53	−35 5.5	1.877	2.856	6.8	17.8
7 30	20 48.51	−35 54.9	1.876	2.860	6.1	17.7
8 9	20 39.28	−36 26.3	1.900	2.865	7.7	17.8
8 19	20 30.92	−36 37.6	1.950	2.870	10.2	18.0
8 29	20 24.41	−36 29.2	2.022	2.875	12.9	18.2
9 8	20 20.37	−36 4.0	2.113	2.880	15.2	18.4

192015 2005 YU_{70} 8 1.2 41.°76 0.°1/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.10	−17 9.4	1.426	2.322	15.2	20.2
7 10	21 5.63	−17 23.9	1.373	2.330	10.9	20.0
7 20	20 57.80	−17 46.1	1.341	2.339	6.2	19.8
7 30	20 48.57	−18 11.6	1.334	2.349	1.1	19.4
8 9	20 39.16	−18 35.7	1.352	2.358	4.0	19.7
8 19	20 30.82	−18 54.3	1.395	2.368	8.7	20.0
8 29	20 24.62	−19 5.1	1.461	2.379	13.0	20.3
9 8	20 21.18	−19 7.2	1.547	2.389	16.5	20.5

437179 2012 VV_{71} 8 1.2 327.°01 1.°6/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.93	−19 46.4	1.623	2.520	13.6	20.9
7 10	21 4.07	−20 25.1	1.554	2.514	9.8	20.7
7 20	20 56.98	−21 10.1	1.508	2.507	5.5	20.4
7 30	20 48.43	−21 55.8	1.488	2.501	1.7	20.2
8 9	20 39.52	−22 36.6	1.492	2.495	4.4	20.3
8 19	20 31.40	−23 8.0	1.523	2.490	8.8	20.6
8 29	20 25.14	−23 27.4	1.577	2.485	12.8	20.8
9 8	20 21.44	−23 34.2	1.651	2.480	16.3	21.0

354768 2005 UR_{84} 8 1.2 0.°99 7.°0/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.53	+ 2 3.3	1.891	2.715	15.1	20.0
7 10	21 1.23	+ 2 23.3	1.820	2.714	12.5	19.8
7 20	20 55.21	+ 2 23.0	1.768	2.713	9.8	19.6
7 30	20 48.09	+ 2 1.5	1.740	2.713	7.6	19.5
8 9	20 40.70	+ 1 20.7	1.736	2.714	7.1	19.5
8 19	20 33.90	+ 0 24.5	1.758	2.715	8.6	19.6
8 29	20 28.52	− 0 41.5	1.804	2.716	11.2	19.7
9 8	20 25.16	− 1 51.2	1.871	2.718	13.9	19.9

474555 2003 YM_{140} 8 1.2 276.°87 0.°2/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.54	−17 25.0	2.089	2.963	12.0	22.1
7 10	21 7.15	−17 21.8	1.987	2.934	8.8	21.8
7 20	20 58.69	−17 23.0	1.909	2.903	5.1	21.5
7 30	20 48.77	−17 26.0	1.858	2.873	1.0	21.2
8 9	20 38.30	−17 28.1	1.836	2.841	3.3	21.3
8 19	20 28.28	−17 27.1	1.841	2.809	7.5	21.5
8 29	20 19.73	−17 21.3	1.873	2.777	11.3	21.7
9 8	20 13.40	−17 10.3	1.927	2.744	14.7	21.8

38303 1999 RB_{93} 8 1.3 310.°54 1.°6/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.81	−20 34.9	1.933	2.826	11.9	18.5
7 10	21 3.06	−21 8.1	1.851	2.808	8.6	18.3
7 20	20 56.35	−21 46.0	1.793	2.790	4.9	18.0
7 30	20 48.33	−22 24.1	1.760	2.773	1.7	17.8
8 9	20 39.90	−22 57.9	1.754	2.756	4.1	17.9
8 19	20 32.04	−23 23.6	1.774	2.739	8.0	18.1
8 29	20 25.72	−23 38.9	1.819	2.722	11.7	18.3
9 8	20 21.63	−23 43.1	1.885	2.706	14.9	18.5

482405 2012 BY_{46} 8 1.3 280.°72 0.°0/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.95	−18 0.4	2.194	3.072	11.3	21.3
7 10	21 5.02	−17 52.9	2.110	3.059	8.2	21.1
7 20	20 57.32	−17 48.8	2.051	3.046	4.7	20.9
7 30	20 48.49	−17 46.0	2.019	3.034	0.9	20.6
8 9	20 39.38	−17 42.2	2.016	3.021	3.0	20.7
8 19	20 30.86	−17 35.7	2.040	3.008	6.8	20.9
8 29	20 23.75	−17 25.3	2.090	2.996	10.2	21.1
9 8	20 18.67	−17 10.6	2.163	2.983	13.2	21.3

9660 1996 FW_{4} 8 1.3 79.°52 0.°9/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.28	−18 58.5	2.241	3.125	10.9	17.8
7 10	21 2.93	−19 28.8	2.185	3.137	7.8	17.6
7 20	20 56.04	−20 3.1	2.153	3.150	4.3	17.4
7 30	20 48.24	−20 37.8	2.148	3.162	1.0	17.2
8 9	20 40.32	−21 9.2	2.171	3.174	3.2	17.4
8 19	20 33.06	−21 34.6	2.222	3.187	6.6	17.6
8 29	20 27.19	−21 52.1	2.298	3.199	9.7	17.9
9 8	20 23.20	−22 1.2	2.397	3.211	12.3	18.1

445218 2009 FS_{8} 8 1.3 299.°09 15.°9/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.01	+16 29.0	1.057	1.848	26.4	21.1
7 10	21 2.88	+16 48.2	0.984	1.836	23.8	20.9
7 20	20 56.77	+16 16.8	0.924	1.825	20.8	20.7
7 30	20 48.47	+14 45.4	0.878	1.814	17.9	20.4
8 9	20 39.35	+12 12.7	0.850	1.803	16.1	20.3
8 19	20 31.01	+ 8 47.2	0.842	1.792	16.3	20.3
8 29	20 25.09	+ 4 48.1	0.855	1.782	18.6	20.4
9 8	20 22.68	+ 0 39.8	0.887	1.773	22.1	20.5

288987 2004 TQ_{55} 8 1.3 265.°42 4.°4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.10	−25 12.3	1.392	2.295	15.0	20.9
7 10	21 8.32	−26 8.5	1.324	2.284	11.0	20.6
7 20	20 59.63	−27 7.0	1.277	2.273	6.8	20.3
7 30	20 48.97	−27 59.1	1.254	2.261	4.4	20.2
8 9	20 37.75	−28 37.2	1.256	2.250	6.9	20.3
8 19	20 27.52	−28 56.3	1.283	2.238	11.3	20.5
8 29	20 19.68	−28 55.5	1.331	2.226	15.6	20.7
9 8	20 15.13	−28 37.0	1.397	2.214	19.3	20.9

136979 1998 RX_{76} 8 1.3 264.°66 0.°3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.45	−14 22.7	1.694	2.577	13.9	20.2
7 10	21 5.23	−15 2.2	1.608	2.559	10.2	19.9
7 20	20 57.72	−15 53.8	1.546	2.541	5.9	19.6
7 30	20 48.62	−16 53.3	1.509	2.523	1.2	19.3
8 9	20 38.95	−17 54.7	1.498	2.504	3.7	19.4
8 19	20 29.86	−18 52.3	1.514	2.485	8.4	19.7
8 29	20 22.48	−19 41.4	1.554	2.466	12.7	19.9
9 8	20 17.64	−20 19.2	1.616	2.447	16.5	20.1

7014 Nietzsche 8 1.3 359.°95 3.°3/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.78	−10 30.0	0.940	1.853	19.5	15.9
7 10	21 1.93	−10 31.4	0.886	1.849	14.7	15.6
7 20	20 56.11	−10 53.9	0.850	1.846	9.3	15.3
7 30	20 48.32	−11 34.6	0.834	1.845	4.1	15.0
8 9	20 40.11	−12 26.7	0.839	1.846	5.1	15.1
8 19	20 33.09	−13 22.2	0.864	1.849	10.6	15.4
8 29	20 28.68	−14 13.3	0.909	1.852	15.9	15.7
9 8	20 27.70	−14 54.2	0.970	1.858	20.4	16.0

481149 2005 UA_{131} 8 1.3 294.°09 6.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.92	+ 2 21.2	2.207	3.016	13.7	21.0
7 10	21 2.07	+ 2 54.4	2.126	3.010	11.4	20.8
7 20	20 55.65	+ 3 10.6	2.067	3.004	9.0	20.7
7 30	20 48.20	+ 3 8.5	2.031	2.997	7.2	20.6
8 9	20 40.46	+ 2 49.0	2.021	2.991	6.9	20.5
8 19	20 33.21	+ 2 14.5	2.037	2.985	8.2	20.6
8 29	20 27.19	+ 1 29.0	2.078	2.979	10.5	20.7
9 8	20 22.98	+ 0 37.5	2.142	2.974	12.9	20.9

342569 2008 UX_{255} 8 1.3 203.°07 2.°0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.57	−21 9.6	1.781	2.674	12.8	20.6
7 10	21 5.06	−21 51.5	1.717	2.674	9.2	20.4
7 20	20 57.46	−22 37.5	1.676	2.673	5.2	20.2
7 30	20 48.54	−23 22.2	1.661	2.673	2.1	20.0
8 9	20 39.34	−24 0.3	1.672	2.672	4.5	20.1
8 19	20 30.94	−24 28.0	1.710	2.672	8.4	20.4
8 29	20 24.31	−24 43.4	1.772	2.672	12.1	20.6
9 8	20 20.10	−24 46.6	1.855	2.671	15.2	20.8

520339 2014 GC_{62} 8 1.3 22.°37 1.°1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.32	−13 40.7	1.998	2.875	12.3	21.4
7 10	21 3.18	−13 54.0	1.929	2.875	9.0	21.2
7 20	20 56.29	−14 16.0	1.883	2.876	5.3	21.0
7 30	20 48.32	−14 43.8	1.864	2.877	1.6	20.8
8 9	20 40.12	−15 14.1	1.872	2.878	3.1	20.9
8 19	20 32.57	−15 43.4	1.907	2.879	6.9	21.1
8 29	20 26.49	−16 8.8	1.967	2.880	10.4	21.3
9 8	20 22.46	−16 28.3	2.049	2.881	13.4	21.5

439429 2013 FS_{17} 8 1.3 51.°79 1.°1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.23	−19 48.0	2.125	3.012	11.3	20.7
7 10	21 3.01	−20 15.5	2.065	3.019	8.1	20.5
7 20	20 56.14	−20 46.6	2.029	3.026	4.5	20.3
7 30	20 48.28	−21 17.6	2.019	3.033	1.2	20.1
8 9	20 40.27	−21 44.9	2.037	3.040	3.4	20.3
8 19	20 32.94	−22 5.5	2.082	3.047	7.0	20.5
8 29	20 27.05	−22 17.9	2.153	3.055	10.2	20.7
9 8	20 23.15	−22 21.5	2.246	3.062	12.9	20.9

77423 2001 GM 8 1.3 69.°67 0.°0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.37	−16 33.1	1.373	2.267	15.8	19.1
7 10	21 7.23	−16 51.9	1.328	2.284	11.4	18.9
7 20	20 58.69	−17 19.1	1.304	2.301	6.4	18.7
7 30	20 48.76	−17 50.0	1.304	2.319	1.2	18.4
8 9	20 38.76	−18 19.2	1.330	2.336	4.0	18.6
8 19	20 29.98	−18 42.6	1.381	2.354	8.9	19.0
8 29	20 23.47	−18 57.7	1.455	2.371	13.1	19.3
9 8	20 19.83	−19 3.5	1.548	2.388	16.6	19.5

511338 2014 EU_{19} 8 1.3 335.°24 4.°0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.26	−26 45.5	1.785	2.681	12.6	21.0
7 10	21 5.62	−27 28.5	1.722	2.678	9.2	20.8
7 20	20 57.80	−28 10.2	1.683	2.676	5.8	20.6
7 30	20 48.61	−28 44.9	1.670	2.674	4.0	20.5
8 9	20 39.16	−29 7.3	1.683	2.673	5.9	20.6
8 19	20 30.57	−29 14.8	1.721	2.671	9.3	20.8
8 29	20 23.86	−29 6.9	1.783	2.669	12.7	21.0
9 8	20 19.69	−28 45.4	1.865	2.668	15.7	21.2

308973 2006 TH_{99} 8 1.3 325.°06 6.°6/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.62	−33 45.8	1.853	2.745	12.4	21.0
7 10	21 5.99	−34 49.8	1.793	2.739	9.6	20.8
7 20	20 58.06	−35 47.2	1.757	2.734	7.3	20.6
7 30	20 48.66	−36 30.9	1.746	2.729	6.7	20.6
8 9	20 38.96	−36 55.3	1.761	2.725	8.2	20.7
8 19	20 30.15	−36 58.1	1.800	2.720	10.9	20.8
8 29	20 23.32	−36 40.0	1.861	2.716	13.7	21.0
9 8	20 19.14	−36 4.3	1.941	2.712	16.3	21.2

107440 2001 DQ_{16} 8 1.3 111.°97 5.°2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.28	−28 12.3	1.480	2.379	14.5	19.7
7 10	21 8.83	−29 5.3	1.428	2.384	10.7	19.4
7 20	20 59.72	−29 55.3	1.397	2.389	7.0	19.2
7 30	20 48.97	−30 34.4	1.392	2.393	5.2	19.1
8 9	20 38.00	−30 56.3	1.411	2.398	7.3	19.3
8 19	20 28.23	−30 58.4	1.455	2.402	11.0	19.5
8 29	20 20.85	−30 41.5	1.521	2.406	14.6	19.7
9 8	20 16.58	−30 8.8	1.606	2.410	17.8	20.0

155416 1996 KJ_{2} 8 1.3 154.°14 4.°9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.17	−34 12.6	2.882	3.759	9.0	21.1
7 10	21 4.25	−35 20.4	2.829	3.766	7.0	21.0
7 20	20 56.80	−36 23.0	2.802	3.772	5.4	20.9
7 30	20 48.42	−37 15.4	2.803	3.778	5.0	20.8
8 9	20 39.83	−37 54.0	2.832	3.784	6.1	20.9
8 19	20 31.81	−38 17.1	2.888	3.789	8.0	21.1
8 29	20 25.06	−38 24.4	2.969	3.794	9.9	21.2
9 8	20 20.09	−38 17.7	3.070	3.799	11.7	21.3

220254 2002 XB_{97} 8 1.3 272.°43 0.°6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.54	−15 13.8	1.618	2.503	14.3	21.0
7 10	21 6.07	−15 29.0	1.535	2.487	10.5	20.8
7 20	20 58.23	−15 53.8	1.474	2.470	6.1	20.5
7 30	20 48.74	−16 24.8	1.439	2.453	1.4	20.1
8 9	20 38.71	−16 57.3	1.429	2.436	3.8	20.3
8 19	20 29.36	−17 27.1	1.445	2.418	8.6	20.5
8 29	20 21.84	−17 50.6	1.486	2.401	13.0	20.7
9 8	20 16.99	−18 5.8	1.546	2.383	16.8	20.9

148411 2000 WR_{25} 8 1.3 240.°81 5.°2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.69	−32 25.3	2.367	3.252	10.4	20.1
7 10	21 4.93	−33 25.0	2.300	3.244	7.9	19.9
7 20	20 57.33	−34 20.5	2.258	3.236	5.8	19.8
7 30	20 48.54	−35 5.9	2.243	3.229	5.2	19.7
8 9	20 39.46	−35 36.9	2.255	3.220	6.6	19.8
8 19	20 31.02	−35 51.1	2.293	3.212	9.0	19.9
8 29	20 24.07	−35 48.3	2.356	3.204	11.5	20.1
9 8	20 19.24	−35 30.5	2.438	3.195	13.7	20.2

200070 2090 $T\text{-}_{1}$ 8 1.3 168.°26 2.°5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.38	− 7 31.1	2.617	3.459	10.9	21.8
7 10	21 3.57	− 7 50.2	2.542	3.465	8.2	21.6
7 20	20 56.39	− 8 19.8	2.492	3.470	5.4	21.4
7 30	20 48.36	− 8 58.3	2.470	3.474	2.9	21.3
8 9	20 40.14	− 9 42.7	2.477	3.478	3.1	21.3
8 19	20 32.40	−10 29.9	2.513	3.481	5.7	21.5
8 29	20 25.80	−11 16.6	2.576	3.483	8.5	21.7
9 8	20 20.81	−12 0.0	2.664	3.484	11.0	21.8

2057 Rosemary 8 1.3 300.°36 0.°7/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.16	−18 29.7	2.054	2.941	11.6	17.1
7 10	21 3.26	−18 53.8	1.964	2.918	8.4	16.9
7 20	20 56.48	−19 23.7	1.898	2.895	4.8	16.6
7 30	20 48.41	−19 55.7	1.858	2.872	1.0	16.3
8 9	20 39.91	−20 25.9	1.845	2.849	3.5	16.4
8 19	20 31.90	−20 50.9	1.859	2.827	7.4	16.6
8 29	20 25.29	−21 8.0	1.898	2.804	11.1	16.8
9 8	20 20.79	−21 16.3	1.959	2.782	14.3	17.0

275718 2000 YM_{93} 8 1.3 275.°30 0.°2/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.19	−15 56.3	2.305	3.184	10.8	21.0
7 10	21 2.37	−16 40.0	2.215	3.165	7.9	20.8
7 20	20 55.90	−17 31.8	2.149	3.145	4.5	20.5
7 30	20 48.30	−18 28.0	2.111	3.126	0.8	20.2
8 9	20 40.30	−19 24.4	2.101	3.106	3.0	20.4
8 19	20 32.71	−20 16.7	2.119	3.086	6.7	20.6
8 29	20 26.34	−21 1.7	2.163	3.066	10.1	20.8
9 8	20 21.80	−21 37.2	2.229	3.045	13.0	20.9

249379 2009 BO_{32} 8 1.3 5.°90 0.°1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.02	−16 44.6	1.726	2.614	13.4	20.8
7 10	21 4.65	−16 53.7	1.660	2.614	9.7	20.6
7 20	20 57.23	−17 9.5	1.618	2.614	5.5	20.4
7 30	20 48.54	−17 28.8	1.600	2.615	1.1	20.1
8 9	20 39.60	−17 47.8	1.609	2.615	3.5	20.3
8 19	20 31.48	−18 3.2	1.644	2.617	7.8	20.5
8 29	20 25.11	−18 12.8	1.704	2.618	11.7	20.8
9 8	20 21.13	−18 15.4	1.785	2.619	15.0	21.0

298238 2002 VP_{13} 8 1.3 218.°58 6.°1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.07	+ 0 34.7	2.163	2.981	13.7	20.1
7 10	21 2.92	+ 0 58.4	2.085	2.978	11.2	20.0
7 20	20 56.15	+ 1 5.3	2.028	2.975	8.6	19.8
7 30	20 48.34	+ 0 54.9	1.996	2.972	6.6	19.7
8 9	20 40.25	+ 0 28.6	1.990	2.968	6.3	19.6
8 19	20 32.67	− 0 11.0	2.010	2.965	7.9	19.7
8 29	20 26.39	− 0 59.3	2.055	2.961	10.4	19.9
9 8	20 21.97	− 1 51.7	2.124	2.957	13.0	20.1

445255 2009 QB_{63} 8 1.3 19.°95 5.°0/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.24	−31 55.3	2.126	3.015	11.2	21.0
7 10	21 5.32	−32 32.3	2.070	3.017	8.5	20.9
7 20	20 57.51	−33 3.8	2.037	3.019	6.0	20.7
7 30	20 48.58	−33 24.5	2.030	3.022	5.0	20.7
8 9	20 39.50	−33 30.8	2.050	3.025	6.4	20.8
8 19	20 31.26	−33 21.2	2.096	3.028	9.0	20.9
8 29	20 24.72	−32 56.6	2.166	3.031	11.7	21.1
9 8	20 20.44	−32 19.2	2.257	3.035	14.0	21.3

264340 1999 XE_{15} 8 1.3 252.°87 5.°5/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.33	−27 5.2	1.902	2.791	12.3	20.5
7 10	21 8.27	−29 13.8	1.819	2.769	9.2	20.2
7 20	20 59.65	−31 27.5	1.761	2.747	6.4	20.0
7 30	20 49.07	−33 36.0	1.731	2.723	5.6	19.9
8 9	20 37.61	−35 29.1	1.730	2.699	7.9	20.0
8 19	20 26.52	−36 59.2	1.756	2.674	11.3	20.2
8 29	20 17.14	−38 3.2	1.806	2.648	14.6	20.3
9 8	20 10.48	−38 42.0	1.875	2.622	17.5	20.5

447099 2004 TR_{135} 8 1.3 326°.22 5°.5/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.83	− 4 21.8	1.734	2.592	14.8	20.5
7 10	21 1.79	− 3 51.8	1.643	2.567	11.8	20.2
7 20	20 55.75	− 3 37.3	1.573	2.543	8.6	20.0
7 30	20 48.30	− 3 39.4	1.526	2.520	6.0	19.8
8 9	20 40.34	− 3 57.0	1.504	2.497	6.0	19.7
8 19	20 32.87	− 4 27.2	1.506	2.475	8.7	19.8
8 29	20 26.89	− 5 5.7	1.532	2.454	12.2	20.0
9 8	20 23.17	− 5 47.3	1.579	2.434	15.6	20.2

116463 2004 AX_{8} 8 1.3 198°.25 3°.0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.18	− 6 6.4	2.553	3.393	11.2	21.0
7 10	21 2.81	− 6 17.0	2.471	3.390	8.6	20.8
7 20	20 56.02	− 6 39.3	2.412	3.386	5.8	20.6
7 30	20 48.32	− 7 11.9	2.381	3.381	3.5	20.5
8 9	20 40.38	− 7 52.4	2.378	3.376	3.5	20.5
8 19	20 32.88	− 8 37.6	2.403	3.371	6.0	20.6
8 29	20 26.49	− 9 24.1	2.456	3.365	8.8	20.8
9 8	20 21.72	−10 8.8	2.533	3.358	11.4	20.9

98328 2000 SU_{276} 8 1.3 177°.74 2°.9/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.88	−22 20.8	1.548	2.443	14.2	19.8
7 10	21 7.75	−23 15.0	1.487	2.445	10.3	19.6
7 20	20 59.14	−24 13.1	1.448	2.445	6.0	19.3
7 30	20 48.93	−25 8.1	1.435	2.446	2.9	19.1
8 9	20 38.37	−25 53.0	1.448	2.446	5.5	19.3
8 19	20 28.78	−26 23.4	1.487	2.446	9.7	19.5
8 29	20 21.33	−26 37.8	1.549	2.445	13.7	19.8
9 8	20 16.76	−26 37.0	1.630	2.444	17.1	20.0

278119 2007 CE_{10} 8 1.3 133°.82 0°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.63	−13 3.6	2.305	3.177	11.1	20.8
7 10	21 1.82	−13 49.0	2.235	3.180	8.1	20.6
7 20	20 55.50	−14 43.6	2.190	3.183	4.7	20.4
7 30	20 48.23	−15 43.9	2.172	3.185	1.2	20.2
8 9	20 40.74	−16 45.6	2.182	3.188	2.7	20.3
8 19	20 33.77	−17 44.5	2.220	3.191	6.2	20.5
8 29	20 28.03	−18 37.1	2.285	3.193	9.4	20.7
9 8	20 24.06	−19 21.1	2.374	3.196	12.1	20.9

16396 1981 UN_{22} 8 1.3 155°.81 0°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.55	−16 39.4	1.516	2.404	14.9	18.2
7 10	21 7.45	−17 20.1	1.455	2.409	10.8	18.0
7 20	20 58.94	−18 10.2	1.416	2.414	6.1	17.7
7 30	20 48.89	−19 3.8	1.403	2.418	1.1	17.4
8 9	20 38.55	−19 54.8	1.416	2.421	4.1	17.6
8 19	20 29.16	−20 37.8	1.455	2.424	8.9	17.9
8 29	20 21.85	−21 9.6	1.517	2.427	13.1	18.2
9 8	20 17.35	−21 29.0	1.600	2.429	16.7	18.4

431415 2007 HM_{87} 8 1.3 101°.70 0°.9/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.19	−17 55.0	1.743	2.631	13.3	21.6
7 10	21 5.43	−18 37.0	1.688	2.642	9.5	21.4
7 20	20 57.65	−19 25.6	1.656	2.653	5.3	21.2
7 30	20 48.64	−20 15.7	1.650	2.664	1.2	20.9
8 9	20 39.45	−21 1.8	1.671	2.675	3.8	21.1
8 19	20 31.14	−21 39.9	1.719	2.686	8.0	21.4
8 29	20 24.63	−22 7.3	1.791	2.696	11.7	21.6
9 8	20 20.52	−22 23.3	1.885	2.707	14.8	21.9

308658 2006 BN_{121} 8 1.3 221°.36 0°.4/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.00	−16 12.1	1.476	2.366	15.1	22.2
7 10	21 7.25	−16 55.4	1.406	2.361	11.0	21.9
7 20	20 58.95	−17 49.7	1.357	2.355	6.3	21.6
7 30	20 48.92	−18 49.4	1.333	2.348	1.2	21.2
8 9	20 38.41	−19 47.5	1.336	2.341	4.2	21.5
8 19	20 28.74	−20 38.0	1.364	2.334	9.3	21.7
8 29	20 21.16	−21 16.8	1.415	2.326	13.8	22.0
9 8	20 16.49	−21 42.3	1.486	2.318	17.6	22.2

208510 2001 XR_{61} 8 1.3 273°.62 0°.6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.79	−16 38.2	1.377	2.273	15.6	20.3
7 10	21 6.63	−17 17.3	1.300	2.258	11.4	20.0
7 20	20 58.73	−18 8.2	1.244	2.243	6.5	19.7
7 30	20 48.90	−19 5.1	1.212	2.227	1.2	19.3
8 9	20 38.41	−20 1.0	1.206	2.211	4.5	19.5
8 19	20 28.71	−20 49.3	1.224	2.196	9.9	19.8
8 29	20 21.17	−21 25.6	1.264	2.180	14.7	20.0
9 8	20 16.72	−21 47.9	1.323	2.164	18.9	20.2

78740 2002 TK_{272} 8 1.3 31°.86 3°.7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.30	−25 13.8	1.296	2.202	15.7	18.8
7 10	21 8.28	−25 38.7	1.245	2.207	11.4	18.6
7 20	20 59.47	−26 2.8	1.215	2.212	6.9	18.4
7 30	20 48.99	−26 19.3	1.209	2.218	3.8	18.2
8 9	20 38.35	−26 23.0	1.227	2.225	6.2	18.4
8 19	20 29.03	−26 11.5	1.269	2.232	10.6	18.6
8 29	20 22.26	−25 45.6	1.332	2.239	14.8	18.9
9 8	20 18.71	−25 7.8	1.415	2.246	18.4	19.2

260388 2004 VP_{65} 8 1.3 239°.52 2°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.40	−25 27.0	2.567	3.453	9.6	20.7
7 10	21 3.08	−26 9.5	2.494	3.446	7.0	20.5
7 20	20 56.22	−26 52.2	2.445	3.438	4.3	20.3
7 30	20 48.38	−27 31.0	2.425	3.430	2.8	20.2
8 9	20 40.29	−28 2.0	2.432	3.422	4.3	20.3
8 19	20 32.71	−28 22.9	2.467	3.414	7.1	20.4
8 29	20 26.37	−28 32.5	2.528	3.406	9.8	20.6
9 8	20 21.80	−28 31.1	2.611	3.397	12.1	20.8

472878 2015 FW_{309} 8 1.3 24°.72 4°.0/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.00	−24 59.7	1.478	2.382	14.2	20.5
7 10	21 5.72	−25 52.9	1.424	2.385	10.3	20.3
7 20	20 57.99	−26 47.0	1.393	2.389	6.3	20.1
7 30	20 48.72	−27 34.6	1.386	2.394	4.0	20.0
8 9	20 39.21	−28 9.3	1.404	2.398	6.3	20.1
8 19	20 30.75	−28 27.4	1.447	2.403	10.2	20.4
8 29	20 24.46	−28 28.1	1.512	2.409	14.0	20.6
9 8	20 21.04	−28 13.2	1.596	2.414	17.2	20.8

431732 2008 FP_{56} 8 1.3 150°.31 2°.3/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.57	− 9 50.3	1.783	2.649	14.1	22.3
7 10	21 5.68	−10 8.4	1.718	2.656	10.5	22.1
7 20	20 57.80	−10 39.8	1.676	2.662	6.6	21.8
7 30	20 48.68	−11 21.4	1.659	2.668	2.9	21.6
8 9	20 39.32	−12 9.1	1.669	2.674	3.7	21.7
8 19	20 30.73	−12 58.1	1.706	2.678	7.5	21.9
8 29	20 23.83	−13 44.1	1.768	2.683	11.3	22.2
9 8	20 19.26	−14 23.8	1.853	2.687	14.5	22.4

98994 2001 DK_{39} 8 1.3 261°.71 0°.6/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.80	−20 3.5	1.900	2.782	12.6	19.9
7 10	21 8.09	−19 54.5	1.818	2.768	9.2	19.6
7 20	20 59.23	−19 47.5	1.759	2.755	5.2	19.4
7 30	20 48.97	−19 39.6	1.727	2.741	1.1	19.0
8 9	20 38.35	−19 28.2	1.722	2.727	3.6	19.2
8 19	20 28.46	−19 11.6	1.745	2.713	7.8	19.4
8 29	20 20.31	−18 49.4	1.794	2.698	11.7	19.6
9 8	20 14.62	−18 21.8	1.864	2.684	15.1	19.8

131182 2001 CC_{43} 8 1.3 186°.13 4°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.17	−23 50.2	1.892	2.785	12.1	19.3
7 10	21 4.89	−25 43.2	1.829	2.785	8.8	19.1
7 20	20 57.49	−27 40.6	1.792	2.785	5.5	18.9
7 30	20 48.66	−29 33.5	1.782	2.785	4.1	18.9
8 9	20 39.39	−31 13.7	1.801	2.784	6.3	19.0
8 19	20 30.75	−32 34.9	1.846	2.784	9.6	19.2
8 29	20 23.79	−33 34.5	1.916	2.783	12.9	19.4
9 8	20 19.24	−34 12.8	2.006	2.782	15.6	19.6

121764 1999 YH_{13} 8 1.3 192°.03 0°.0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.91	−17 1.8	2.741	3.613	9.5	21.2
7 10	21 2.54	−17 17.7	2.666	3.612	6.9	21.0
7 20	20 55.84	−17 37.8	2.616	3.611	3.9	20.8
7 30	20 48.32	−17 59.8	2.594	3.609	0.7	20.6
8 9	20 40.62	−18 21.1	2.602	3.607	2.5	20.7
8 19	20 33.39	−18 39.6	2.638	3.604	5.6	20.9
8 29	20 27.26	−18 53.5	2.701	3.602	8.4	21.1
9 8	20 22.69	−19 1.9	2.787	3.599	10.8	21.3

266758 2009 SV_{102} 8 1.3 344°.96 0°.2/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.05	−13 48.6	1.271	2.172	16.3	20.0
7 10	21 3.17	−14 40.0	1.207	2.167	11.9	19.7
7 20	20 56.72	−15 47.6	1.163	2.161	6.9	19.4
7 30	20 48.54	−17 5.2	1.142	2.157	1.4	19.0
8 9	20 39.90	−18 24.6	1.146	2.153	4.2	19.2
8 19	20 32.15	−19 37.6	1.173	2.150	9.6	19.5
8 29	20 26.56	−20 37.9	1.223	2.148	14.4	19.8
9 8	20 23.94	−21 22.2	1.291	2.146	18.4	20.1

386383 2008 UF_{73} 8 1.3 24°.55 3°.6/ 3.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.46	− 9 38.8	1.538	2.413	15.4	20.5
7 10	21 5.09	− 9 14.1	1.476	2.417	11.7	20.3
7 20	20 57.55	− 9 2.3	1.436	2.421	7.6	20.1
7 30	20 48.67	− 9 2.7	1.420	2.426	4.1	19.9
8 9	20 39.56	− 9 12.8	1.429	2.431	4.6	19.9
8 19	20 31.34	− 9 29.1	1.463	2.437	8.4	20.1
8 29	20 25.02	− 9 48.0	1.521	2.443	12.3	20.4
9 8	20 21.24	−10 6.0	1.599	2.449	15.7	20.6

142239 2002 RJ_{93} 8 1.3 3°.65 2°.9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.02	−12 23.1	1.153	2.052	17.7	18.8
7 10	21 5.36	−11 58.8	1.095	2.051	13.3	18.5
7 20	20 57.94	−11 48.1	1.057	2.051	8.3	18.3
7 30	20 48.76	−11 49.2	1.040	2.051	3.6	18.0
8 9	20 39.25	−11 58.8	1.047	2.053	4.8	18.1
8 19	20 30.88	−12 12.7	1.076	2.056	9.8	18.4
8 29	20 24.92	−12 26.8	1.127	2.059	14.6	18.6
9 8	20 22.14	−12 37.5	1.196	2.064	18.7	18.9

440999 2007 DH_{42} 8 1.3 94°.22 5°.6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.04	−36 37.8	2.376	3.243	11.0	20.7
7 10	21 10.62	−36 48.4	2.325	3.255	8.5	20.6
7 20	21 0.37	−36 48.9	2.298	3.267	6.4	20.5
7 30	20 49.17	−36 35.0	2.299	3.279	5.6	20.4
8 9	20 38.07	−36 4.8	2.328	3.291	6.6	20.5
8 19	20 28.05	−35 18.7	2.385	3.302	8.7	20.7
8 29	20 19.92	−34 19.2	2.467	3.314	11.0	20.9
9 8	20 14.17	−33 10.0	2.571	3.325	13.1	21.0

6990 Toya 8 1.3 187°.25 0°.2/ 1.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.51	−17 4.9	2.672	3.546	9.7	18.4
7 10	21 2.31	−17 34.1	2.598	3.546	7.0	18.2
7 20	20 55.74	−18 8.1	2.550	3.545	3.9	18.0
7 30	20 48.33	−18 44.2	2.530	3.544	0.7	17.8
8 9	20 40.72	−19 19.2	2.538	3.543	2.6	17.9
8 19	20 33.58	−19 50.3	2.575	3.541	5.7	18.2
8 29	20 27.55	−20 15.6	2.639	3.539	8.6	18.3
9 8	20 23.11	−20 33.8	2.727	3.537	11.1	18.5

75904 2000 CA_{50} 8 1.3 275°.11 2°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.04	− 9 45.2	1.909	2.775	13.3	19.0
7 10	21 3.88	− 9 43.8	1.830	2.767	10.0	18.8
7 20	20 56.84	− 9 54.2	1.773	2.758	6.5	18.5
7 30	20 48.56	−10 14.7	1.742	2.749	3.2	18.3
8 9	20 39.94	−10 42.6	1.737	2.741	3.8	18.3
8 19	20 31.91	−11 14.3	1.759	2.732	7.3	18.5
8 29	20 25.38	−11 46.1	1.807	2.723	11.0	18.7
9 8	20 21.00	−12 14.9	1.876	2.715	14.2	18.9

254122 2004 OE_{15} 8 1.3 344°.10 2°.0/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.36	−21 0.5	1.746	2.645	12.7	20.1
7 10	21 2.86	−21 39.0	1.678	2.638	9.1	19.8
7 20	20 56.32	−22 22.1	1.633	2.632	5.2	19.6
7 30	20 48.46	−23 4.6	1.613	2.626	2.0	19.4
8 9	20 40.29	−23 41.4	1.620	2.621	4.4	19.5
8 19	20 32.84	−24 8.5	1.652	2.617	8.4	19.8
8 29	20 27.09	−24 23.7	1.707	2.613	12.2	20.0
9 8	20 23.71	−24 26.7	1.783	2.609	15.4	20.2

361562 2007 RN_{41} 8 1.3 357°.39 8°.5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.99	−30 36.5	0.790	1.729	19.2	19.1
7 10	21 3.60	−31 30.0	0.747	1.721	14.6	18.8
7 20	20 57.39	−32 16.3	0.720	1.716	10.3	18.5
7 30	20 48.70	−32 42.9	0.711	1.713	8.5	18.4
8 9	20 39.62	−32 40.6	0.721	1.712	11.0	18.5
8 19	20 32.28	−32 7.0	0.749	1.714	15.5	18.8
8 29	20 28.36	−31 5.8	0.793	1.717	20.1	19.1
9 8	20 28.60	−29 44.0	0.852	1.723	24.1	19.4

269759 1999 RJ_{239} 8 1.3 6°.90 13°.5/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.01	−42 41.5	1.026	1.935	18.6	18.1
7 10	21 6.95	−43 57.9	0.994	1.936	15.8	18.0
7 20	20 59.09	−44 51.3	0.979	1.939	13.9	17.9
7 30	20 48.98	−45 9.3	0.983	1.944	13.6	17.9
8 9	20 38.83	−44 46.0	1.006	1.951	15.0	18.0
8 19	20 30.66	−43 43.1	1.048	1.960	17.5	18.2
8 29	20 25.97	−42 8.0	1.106	1.971	20.3	18.4
9 8	20 25.29	−40 10.9	1.180	1.984	22.9	18.6

26511 2000 CB_{39} 8 1.3 347°.49 3°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.52	−21 56.6	1.464	2.372	14.1	17.3
7 10	21 2.64	−23 18.6	1.401	2.366	10.1	17.1
7 20	20 56.38	−24 47.5	1.361	2.360	6.0	16.8
7 30	20 48.51	−26 14.8	1.345	2.354	3.5	16.6
8 9	20 40.21	−27 31.8	1.354	2.350	6.1	16.8
8 19	20 32.73	−28 31.9	1.388	2.346	10.3	17.0
8 29	20 27.24	−29 11.9	1.444	2.343	14.3	17.3
9 8	20 24.51	−29 31.5	1.518	2.342	17.7	17.5

289702 2005 GR_{206} 8 1.3 303°.34 5°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.45	− 3 25.7	1.882	2.728	14.3	20.5
7 10	21 2.74	− 3 18.0	1.805	2.722	11.3	20.3
7 20	20 56.20	− 3 27.1	1.749	2.716	8.2	20.1
7 30	20 48.47	− 3 52.8	1.717	2.711	5.5	19.9
8 9	20 40.40	− 4 32.4	1.711	2.705	5.3	19.9
8 19	20 32.92	− 5 22.0	1.731	2.699	7.8	20.0
8 29	20 26.89	− 6 16.7	1.776	2.694	11.1	20.2
9 8	20 22.95	− 7 11.4	1.843	2.689	14.1	20.4

183734 2003 YT_{106} 8 1.3 248°.35 1°.8/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.71	−20 33.2	1.658	2.549	13.7	20.8
7 10	21 7.67	−21 5.5	1.580	2.536	10.0	20.6
7 20	20 59.19	−21 43.0	1.525	2.523	5.7	20.3
7 30	20 49.06	−22 20.2	1.496	2.509	1.9	20.0
8 9	20 38.43	−22 51.6	1.493	2.495	4.6	20.2
8 19	20 28.56	−23 13.1	1.516	2.480	9.1	20.4
8 29	20 20.61	−23 22.6	1.563	2.466	13.3	20.6
9 8	20 15.42	−23 20.1	1.630	2.450	16.8	20.8

166185 2002 EE_{83} 8 1.3 88°.75 4°.9/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.15	− 5 5.1	1.402	2.267	17.3	19.5
7 10	21 5.76	− 5 4.2	1.345	2.276	13.4	19.3
7 20	20 58.03	− 5 23.6	1.307	2.284	9.2	19.1
7 30	20 48.84	− 6 2.0	1.292	2.293	5.6	18.9
8 9	20 39.39	− 6 54.9	1.301	2.301	5.6	18.9
8 19	20 30.90	− 7 55.9	1.336	2.310	9.0	19.2
8 29	20 24.46	− 8 58.6	1.394	2.318	13.0	19.4
9 8	20 20.75	− 9 56.9	1.472	2.326	16.6	19.7

192955 2000 BX_{39} 8 1.3 31°.04 0°.2/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.17	−16 41.0	0.993	1.906	18.7	19.6
7 10	21 7.15	−16 46.3	0.948	1.913	13.6	19.4
7 20	20 59.03	−17 2.6	0.922	1.922	7.8	19.1
7 30	20 49.03	−17 24.5	0.917	1.931	1.5	18.7
8 9	20 38.85	−17 46.0	0.934	1.942	4.8	19.0
8 19	20 30.16	−18 2.1	0.973	1.953	10.6	19.4
8 29	20 24.30	−18 9.7	1.033	1.964	15.7	19.7
9 8	20 21.98	−18 7.7	1.110	1.977	20.0	20.0

18122 Forestamartin 8 1.3 279°.45 1°.2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.18	−19 51.0	2.061	2.948	11.6	17.7
7 10	21 3.96	−20 20.5	1.983	2.937	8.3	17.5
7 20	20 56.90	−20 54.4	1.928	2.926	4.7	17.3
7 30	20 48.63	−21 28.8	1.901	2.914	1.4	17.0
8 9	20 40.03	−21 59.6	1.901	2.903	3.7	17.2
8 19	20 32.01	−22 23.4	1.927	2.892	7.4	17.4
8 29	20 25.46	−22 38.1	1.979	2.881	10.9	17.6
9 8	20 21.02	−22 43.2	2.053	2.870	14.0	17.7

87230 2000 OZ_{42} 8 1.3 316°.43 1°.2/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.79	−22 16.2	1.395	2.293	15.3	19.0
7 10	21 9.54	−21 48.9	1.314	2.273	11.3	18.7
7 20	21 0.41	−21 20.5	1.255	2.253	6.5	18.4
7 30	20 49.34	−20 47.6	1.220	2.234	1.6	18.0
8 9	20 37.71	−20 7.8	1.211	2.216	4.6	18.1
8 19	20 27.05	−19 20.5	1.226	2.198	9.9	18.4
8 29	20 18.75	−18 26.9	1.264	2.181	14.7	18.6
9 8	20 13.68	−17 29.0	1.322	2.164	18.8	18.8

397026 2005 UB_{4} 8 1.3 336°.90 4°.2/ 3.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.66	− 6 54.5	1.755	2.620	14.3	20.8
7 10	21 2.30	− 6 38.7	1.677	2.610	11.1	20.6
7 20	20 56.02	− 6 37.3	1.622	2.601	7.6	20.4
7 30	20 48.48	− 6 49.8	1.590	2.592	4.7	20.2
8 9	20 40.58	− 7 14.0	1.584	2.584	4.8	20.2
8 19	20 33.30	− 7 46.2	1.603	2.576	7.9	20.3
8 29	20 27.56	− 8 22.3	1.647	2.569	11.5	20.5
9 8	20 24.03	− 8 57.9	1.712	2.563	14.8	20.7

514272 2015 RJ_{89} 8 1.3 286°.48 2°.9/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.74	− 8 23.9	2.358	3.211	11.5	20.3
7 10	21 2.61	− 8 12.0	2.281	3.209	8.8	20.1
7 20	20 56.00	− 8 9.9	2.227	3.206	5.8	19.9
7 30	20 48.46	− 8 16.9	2.200	3.203	3.3	19.8
8 9	20 40.70	− 8 31.1	2.201	3.201	3.6	19.8
8 19	20 33.45	− 8 50.1	2.229	3.198	6.2	19.9
8 29	20 27.41	− 9 11.3	2.283	3.196	9.2	20.1
9 8	20 23.09	− 9 32.0	2.361	3.193	11.9	20.3

420778 2013 GN_{75} 8 1.3 29°.86 0°.9/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.24	−12 21.4	0.937	1.851	19.5	19.8
7 10	21 3.63	−13 13.4	0.898	1.863	14.2	19.5
7 20	20 57.05	−14 25.2	0.877	1.876	8.2	19.3
7 30	20 48.68	−15 48.9	0.877	1.891	2.0	18.9
8 9	20 40.11	−17 13.8	0.898	1.907	4.6	19.2
8 19	20 32.95	−18 29.9	0.942	1.923	10.5	19.6
8 29	20 28.47	−19 30.5	1.005	1.941	15.6	19.9
9 8	20 27.36	−20 12.5	1.086	1.959	19.8	20.2

209164 2003 UR_{82} 8 1.3 270°.23 1°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.77	−19 50.0	2.008	2.895	11.8	20.5
7 10	21 4.60	−20 50.8	1.920	2.874	8.6	20.3
7 20	20 57.40	−21 58.9	1.855	2.852	4.9	20.0
7 30	20 48.77	−23 8.6	1.818	2.830	1.9	19.8
8 9	20 39.61	−24 14.1	1.809	2.808	4.3	19.9
8 19	20 30.90	−25 10.1	1.826	2.785	8.2	20.1
8 29	20 23.67	−25 53.3	1.869	2.762	11.9	20.3
9 8	20 18.66	−26 22.3	1.933	2.739	15.1	20.5

443024 2013 EX_{15} 8 1.3 298°.59 6°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.61	−35 44.0	2.116	2.996	11.6	21.2
7 10	21 7.92	−36 20.4	2.055	2.992	9.1	21.1
7 20	20 59.12	−36 48.3	2.017	2.989	7.0	20.9
7 30	20 49.06	−37 1.8	2.006	2.985	6.3	20.9
8 9	20 38.83	−36 57.2	2.021	2.982	7.5	20.9
8 19	20 29.51	−36 33.6	2.061	2.978	9.9	21.1
8 29	20 22.07	−35 52.6	2.125	2.975	12.4	21.2
9 8	20 17.12	−34 57.8	2.210	2.972	14.8	21.4

106099 2000 TF_7 8 1.3 256°.30 0°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.83	−17 4.4	2.325	3.203	10.8	20.5
7 10	21 3.53	−17 25.6	2.242	3.190	7.8	20.3
7 20	20 56.60	−17 52.4	2.182	3.177	4.5	20.1
7 30	20 48.60	−18 21.8	2.150	3.164	0.8	19.8
8 9	20 40.28	−18 50.5	2.146	3.151	2.9	20.0
8 19	20 32.45	−19 15.6	2.170	3.138	6.5	20.2
8 29	20 25.89	−19 34.8	2.220	3.124	9.8	20.3
9 8	20 21.18	−19 46.8	2.293	3.110	12.7	20.5

178704 2000 SB_{133} 8 1.3 268°.23 6°.2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.39	+ 1 1.9	2.209	3.024	13.5	19.7
7 10	21 2.51	+ 1 27.1	2.125	3.016	11.1	19.5
7 20	20 56.02	+ 1 35.7	2.064	3.008	8.6	19.4
7 30	20 48.49	+ 1 27.0	2.026	3.000	6.7	19.2
8 9	20 40.64	+ 1 2.0	2.015	2.992	6.3	19.2
8 19	20 33.27	+ 0 23.3	2.030	2.983	7.9	19.3
8 29	20 27.12	− 0 24.8	2.070	2.975	10.4	19.4
9 8	20 22.79	− 1 17.6	2.133	2.967	12.9	19.6

256465 2007 DE_{22} 8 1.3 251°.65 2°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.71	−24 42.0	2.331	3.216	10.5	20.6
7 10	21 4.86	−25 3.2	2.258	3.210	7.6	20.4
7 20	20 57.33	−25 24.0	2.209	3.203	4.5	20.2
7 30	20 48.74	−25 40.8	2.188	3.197	2.4	20.1
8 9	20 39.92	−25 50.4	2.194	3.190	4.1	20.2
8 19	20 31.72	−25 50.8	2.228	3.183	7.2	20.4
8 29	20 24.94	−25 41.3	2.288	3.176	10.2	20.6
9 8	20 20.13	−25 22.7	2.370	3.169	12.9	20.7

28152 1998 UK_8 8 1.3 169°.99 1°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.13	−10 41.7	1.888	2.754	13.4	19.2
7 10	21 5.37	−11 5.2	1.818	2.757	10.0	18.9
7 20	20 57.70	−11 40.7	1.772	2.760	6.1	18.7
7 30	20 48.82	−12 25.5	1.751	2.762	2.4	18.5
8 9	20 39.66	−13 15.0	1.758	2.764	3.4	18.6
8 19	20 31.19	−14 4.9	1.793	2.765	7.2	18.8
8 29	20 24.30	−14 50.9	1.853	2.766	10.9	19.0
9 8	20 19.63	−15 30.2	1.935	2.766	14.1	19.2

203395 2001 XW_{142} 8 1.3 85°.24 3°.9/ 3.2 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.93	− 8 27.5	1.324	2.200	17.4	20.0
7 10	21 7.14	− 8 19.2	1.269	2.210	13.2	19.8
7 20	20 58.86	− 8 28.0	1.234	2.219	8.6	19.6
7 30	20 49.04	− 8 52.2	1.222	2.228	4.6	19.4
8 9	20 38.99	− 9 27.5	1.234	2.238	5.0	19.4
8 19	20 30.02	−10 8.4	1.272	2.247	9.2	19.7
8 29	20 23.28	−10 49.6	1.332	2.256	13.5	20.0
9 8	20 19.46	−11 26.5	1.412	2.265	17.2	20.2

312019 2007 RN_{45} 8 1.3 292°.21 2°.8/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.60	−11 20.9	1.308	2.195	16.8	20.8
7 10	21 6.51	−11 15.5	1.235	2.184	12.7	20.5
7 20	20 58.72	−11 24.7	1.182	2.173	8.0	20.2
7 30	20 49.06	−11 46.5	1.151	2.162	3.4	19.9
8 9	20 38.84	−12 16.5	1.146	2.152	4.6	20.0
8 19	20 29.47	−12 50.0	1.164	2.141	9.5	20.2
8 29	20 22.30	−13 21.9	1.204	2.131	14.4	20.5
9 8	20 18.21	−13 48.3	1.263	2.120	18.6	20.7

474599 2004 RY_{49} 8 1.3 339°.17 9°.3/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.41	+ 3 46.0	1.118	1.979	20.9	21.2
7 10	20 57.93	+ 3 42.5	1.038	1.956	17.6	20.9
7 20	20 53.96	+ 3 1.2	0.975	1.935	14.0	20.6
7 30	20 48.17	+ 1 38.6	0.930	1.915	10.6	20.3
8 9	20 41.70	− 0 22.1	0.906	1.897	9.3	20.2
8 19	20 35.89	− 2 51.2	0.903	1.881	11.5	20.3
8 29	20 32.14	− 5 33.9	0.921	1.867	15.5	20.4
9 8	20 31.46	− 8 13.9	0.958	1.855	19.8	20.6

105545 2000 RY_{41} 8 1.3 301°.62 3°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.69	− 8 10.4	2.010	2.869	13.0	19.0
7 10	21 3.59	− 7 50.9	1.927	2.858	10.0	18.8
7 20	20 56.70	− 7 42.6	1.867	2.846	6.7	18.5
7 30	20 48.64	− 7 45.2	1.833	2.836	3.9	18.3
8 9	20 40.25	− 7 56.9	1.825	2.825	4.2	18.3
8 19	20 32.40	− 8 15.0	1.844	2.814	7.2	18.5
8 29	20 25.95	− 8 36.4	1.888	2.804	10.6	18.7
9 8	20 21.53	− 8 58.0	1.954	2.794	13.7	18.9

253109 2002 UC_{12} 8 1.3 223°.62 1°.4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.38	−18 55.0	1.162	2.049	18.6	19.4
7 10	21 18.23	−17 47.0	1.092	2.043	13.8	19.1
7 20	21 5.48	−16 38.3	1.042	2.037	8.1	18.8
7 30	20 50.35	−15 27.8	1.017	2.031	2.1	18.4
8 9	20 34.75	−14 16.2	1.018	2.024	5.1	18.6
8 19	20 20.68	−13 5.6	1.044	2.016	11.2	18.9
8 29	20 9.79	−11 58.8	1.093	2.008	16.6	19.2
9 8	20 2.98	−10 57.1	1.162	2.000	21.1	19.5

237840 2002 EG_{127} 8 1.3 217°.95 0°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.58	−13 2.8	2.217	3.083	11.7	22.3
7 10	21 4.86	−13 32.9	2.133	3.074	8.6	22.1
7 20	20 57.40	−14 12.3	2.073	3.065	5.1	21.8
7 30	20 48.78	−14 58.0	2.041	3.054	1.5	21.6
8 9	20 39.81	−15 46.2	2.037	3.043	2.9	21.7
8 19	20 31.33	−16 32.8	2.062	3.032	6.6	21.9
8 29	20 24.19	−17 14.5	2.113	3.019	10.1	22.1
9 8	20 18.99	−17 49.0	2.187	3.006	13.1	22.3

264899 2002 TX_{60} 8 1.3 224°.47 3°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.21	− 7 43.7	1.907	2.763	13.7	21.6
7 10	21 5.52	− 7 51.2	1.824	2.754	10.5	21.4
7 20	20 57.86	− 8 12.7	1.764	2.745	6.9	21.1
7 30	20 48.88	− 8 46.7	1.729	2.734	3.7	20.9
8 9	20 39.48	− 9 29.8	1.721	2.724	4.1	20.9
8 19	20 30.66	−10 17.9	1.741	2.712	7.5	21.1
8 29	20 23.35	−11 6.3	1.786	2.700	11.2	21.3
9 8	20 18.25	−11 51.3	1.853	2.688	14.5	21.5

482399 2012 BW_{21} 8 1.3 252°.29 2°.2/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.90	− 9 47.3	2.620	3.472	10.6	22.3
7 10	21 3.45	− 9 47.4	2.523	3.453	8.0	22.1
7 20	20 56.52	− 9 56.1	2.451	3.433	5.2	21.9
7 30	20 48.61	−10 12.3	2.405	3.412	2.6	21.7
8 9	20 40.37	−10 33.9	2.389	3.391	3.0	21.7
8 19	20 32.48	−10 58.6	2.401	3.370	5.9	21.8
8 29	20 25.65	−11 23.8	2.440	3.348	8.9	22.0
9 8	20 20.44	−11 47.3	2.503	3.326	11.6	22.1

443436 2014 HH_{140} 8 1.3 54°.06 1°.1/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.40	−19 21.3	1.971	2.859	12.0	21.6
7 10	21 4.07	−19 49.4	1.909	2.863	8.6	21.4
7 20	20 56.93	−20 21.9	1.870	2.867	4.8	21.2
7 30	20 48.68	−20 54.8	1.857	2.871	1.2	20.9
8 9	20 40.23	−21 24.1	1.871	2.875	3.6	21.1
8 19	20 32.50	−21 46.5	1.913	2.879	7.4	21.3
8 29	20 26.32	−22 0.3	1.979	2.883	10.8	21.6
9 8	20 22.29	−22 4.8	2.067	2.888	13.7	21.8

470643 2008 SC_{109} 8 1.3 264°.04 0°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.82	−17 2.2	1.898	2.780	12.7	22.0
7 10	21 6.09	−17 19.5	1.811	2.761	9.3	21.7
7 20	20 58.25	−17 43.6	1.746	2.742	5.3	21.4
7 30	20 48.97	−18 11.0	1.708	2.723	1.0	21.1
8 9	20 39.19	−18 37.7	1.697	2.703	3.5	21.2
8 19	20 29.99	−19 0.2	1.713	2.683	7.8	21.5
8 29	20 22.37	−19 15.9	1.755	2.662	11.8	21.7
9 8	20 17.09	−19 23.5	1.817	2.641	15.2	21.8

449371 2013 GR_{90} 8 1.3 0°.39 2°.0/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.68	− 9 10.5	2.164	3.028	12.0	20.6
7 10	21 1.28	− 9 43.2	2.091	3.028	9.0	20.4
7 20	20 55.33	−10 28.2	2.042	3.028	5.7	20.2
7 30	20 48.38	−11 23.0	2.019	3.028	2.5	20.0
8 9	20 41.19	−12 23.5	2.023	3.028	3.1	20.0
8 19	20 34.53	−13 25.2	2.054	3.028	6.3	20.3
8 29	20 29.12	−14 23.8	2.112	3.029	9.6	20.5
9 8	20 25.53	−15 16.0	2.193	3.029	12.5	20.7

239649 2008 WB_{69} 8 1.3 290°.12 0°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.42	−15 33.6	1.715	2.602	13.5	20.6
7 10	21 4.52	−16 1.7	1.631	2.584	9.9	20.4
7 20	20 57.43	−16 39.7	1.569	2.565	5.7	20.1
7 30	20 48.82	−17 23.7	1.533	2.547	1.1	19.7
8 9	20 39.69	−18 8.8	1.523	2.529	3.6	19.9
8 19	20 31.16	−18 50.0	1.538	2.511	8.2	20.1
8 29	20 24.29	−19 23.6	1.579	2.493	12.4	20.3
9 8	20 19.90	−19 47.4	1.640	2.475	16.1	20.5

476761 2008 UV_{76} 8 1.3 286°.79 6°.9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.51	− 0 41.2	1.796	2.629	15.4	21.5
7 10	21 4.49	− 0 3.5	1.703	2.607	12.7	21.3
7 20	20 57.40	+ 0 16.6	1.631	2.585	9.7	21.1
7 30	20 48.82	+ 0 17.3	1.582	2.563	7.4	20.9
8 9	20 39.67	− 0 1.0	1.558	2.541	7.2	20.8
8 19	20 30.99	− 0 35.7	1.560	2.519	9.4	20.9
8 29	20 23.80	− 1 22.3	1.585	2.496	12.6	21.0
9 8	20 18.89	− 2 14.8	1.632	2.474	15.8	21.2

180895 2005 JQ_{156} 8 1.3 50°.13 2°.3/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.75	−21 26.9	1.238	2.143	16.3	19.9
7 10	21 7.87	−21 54.4	1.194	2.157	11.7	19.7
7 20	20 59.29	−22 25.6	1.172	2.171	6.7	19.4
7 30	20 49.13	−22 54.0	1.172	2.185	2.4	19.2
8 9	20 38.90	−23 13.7	1.197	2.200	5.3	19.4
8 19	20 30.03	−23 21.3	1.246	2.215	10.1	19.8
8 29	20 23.70	−23 16.2	1.317	2.231	14.4	20.1
9 8	20 20.52	−22 59.4	1.406	2.246	18.0	20.3

338849 2003 XX_{28} 8 1.3 304°.80 3°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.74	−25 51.8	1.791	2.688	12.5	20.3
7 10	21 5.37	−26 48.2	1.728	2.684	9.2	20.0
7 20	20 57.82	−27 45.0	1.687	2.681	5.8	19.8
7 30	20 48.88	−28 35.8	1.673	2.677	3.9	19.7
8 9	20 39.61	−29 14.7	1.684	2.674	5.9	19.8
8 19	20 31.13	−29 38.2	1.722	2.671	9.4	20.0
8 29	20 24.48	−29 45.1	1.782	2.668	12.8	20.2
9 8	20 20.33	−29 36.8	1.863	2.665	15.7	20.4

440986 2007 DX_{4} 8 1.3 169°.04 0°.6/ 1.7 18

6 30	21 9.74	−15 43.5	2.269	3.143	11.2	21.0
7 10	21 4.10	−15 45.3	2.197	3.143	8.1	20.8
7 20	20 56.88	−15 52.7	2.150	3.144	4.7	20.6
7 30	20 48.68	−16 3.4	2.131	3.144	1.2	20.3
8 9	20 40.29	−16 14.9	2.139	3.145	2.8	20.4
8 19	20 32.51	−16 24.8	2.175	3.145	6.3	20.7
8 29	20 26.07	−16 31.4	2.237	3.146	9.5	20.9
9 8	20 21.51	−16 33.6	2.323	3.146	12.3	21.1

373224 2012 FG_{57} 8 1.3 104°.34 5°.1/29.9 13 C

6 30	21 19.12	−29 35.4	1.583	2.473	14.3	21.4
7 10	21 11.37	−30 12.2	1.538	2.489	10.5	21.2
7 20	21 1.13	−30 43.3	1.517	2.505	7.0	21.0
7 30	20 49.48	−31 1.7	1.521	2.521	5.1	20.9
8 9	20 37.84	−31 3.1	1.551	2.536	6.9	21.1
8 19	20 27.55	−30 46.4	1.607	2.551	10.3	21.3
8 29	20 19.70	−30 13.5	1.686	2.566	13.7	21.6
9 8	20 14.87	−29 28.3	1.785	2.580	16.6	21.8

325042 2008 CL_{124} 8 1.3 201°.12 1°.1/ 1.9 17

6 30	21 12.43	−13 24.0	1.708	2.585	14.1	21.4
7 10	21 6.55	−13 45.3	1.636	2.583	10.4	21.2
7 20	20 58.49	−14 17.5	1.587	2.580	6.1	20.9
7 30	20 49.02	−14 57.0	1.563	2.576	1.8	20.6
8 9	20 39.18	−15 39.1	1.566	2.573	3.5	20.8
8 19	20 30.09	−16 19.3	1.596	2.568	7.9	21.0
8 29	20 22.79	−16 53.8	1.650	2.564	12.0	21.3
9 8	20 17.97	−17 20.3	1.726	2.558	15.5	21.5

307423 2002 TG_{259} 8 1.3 318°.89 13°.9/ 9.5 18

6 30	21 4.99	+14 24.0	1.643	2.404	19.5	19.8
7 10	21 1.50	+15 33.4	1.549	2.375	17.8	19.6
7 20	20 55.84	+16 14.4	1.471	2.346	16.0	19.4
7 30	20 48.56	+16 20.7	1.411	2.317	14.5	19.2
8 9	20 40.56	+15 48.8	1.370	2.289	13.9	19.1
8 19	20 32.95	+14 39.7	1.351	2.262	14.5	19.0
8 29	20 26.87	+12 58.8	1.351	2.235	16.1	19.1
9 8	20 23.25	+10 56.3	1.370	2.209	18.4	19.2

509926 2009 NY 8 1.3 341°.97 1°.6/30.9 18

6 30	21 5.10	−16 45.1	1.723	2.619	13.0	19.3
7 10	21 1.37	−18 17.0	1.651	2.609	9.3	19.1
7 20	20 55.62	−20 1.0	1.602	2.601	5.2	18.8
7 30	20 48.49	−21 50.1	1.579	2.593	1.6	18.6
8 9	20 40.92	−23 35.9	1.584	2.585	4.4	18.8
8 19	20 33.94	−25 10.6	1.615	2.579	8.6	19.0
8 29	20 28.54	−26 28.9	1.670	2.573	12.5	19.2
9 8	20 25.48	−27 28.3	1.746	2.568	15.8	19.4

389726 2011 SD_{62} 8 1.3 316°.84 2°.6/ 3.1 18

6 30	21 7.73	− 9 9.8	1.845	2.713	13.6	20.5
7 10	21 3.01	− 9 23.9	1.771	2.709	10.3	20.3
7 20	20 56.43	− 9 51.6	1.719	2.705	6.6	20.0
7 30	20 48.63	−10 30.6	1.692	2.700	3.2	19.8
8 9	20 40.51	−11 17.2	1.692	2.696	3.7	19.8
8 19	20 33.02	−12 6.7	1.718	2.693	7.3	20.1
8 29	20 27.03	−12 54.8	1.769	2.689	11.0	20.3
9 8	20 23.19	−13 37.7	1.843	2.685	14.2	20.5

366474 2002 GA_{117} 8 1.3 18°.42 0°.8/31.9 17

6 30	21 4.21	−15 20.0	0.872	1.799	19.2	19.5
7 10	21 1.65	−16 22.5	0.835	1.807	13.8	19.2
7 20	20 56.04	−17 41.8	0.815	1.818	7.8	18.9
7 30	20 48.56	−19 8.3	0.815	1.830	1.5	18.6
8 9	20 40.87	−20 30.2	0.837	1.844	5.2	18.9
8 19	20 34.58	−21 38.0	0.879	1.860	11.2	19.3
8 29	20 31.03	−22 26.1	0.940	1.877	16.3	19.6
9 8	20 30.88	−22 52.9	1.018	1.896	20.5	19.9

74974 1999 TN_{222} 8 1.3 265°.63 2°.0/31.3 18

6 30	21 13.26	−20 43.6	1.569	2.463	14.1	20.3
7 10	21 7.53	−21 18.5	1.491	2.448	10.3	20.1
7 20	20 59.25	−21 59.0	1.435	2.432	5.9	19.8
7 30	20 49.21	−22 39.3	1.404	2.417	2.1	19.5
8 9	20 38.61	−23 13.5	1.399	2.401	4.8	19.6
8 19	20 28.77	−23 37.0	1.419	2.384	9.5	19.9
8 29	20 20.93	−23 47.5	1.463	2.368	13.8	20.1
9 8	20 15.97	−23 44.9	1.527	2.351	17.6	20.3

394230 2006 SW_{348} 8 1.3 146°.48 5°.5/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.47	−33 53.3	2.263	3.144	10.9	21.3
7 10	21 6.97	−34 42.4	2.209	3.149	8.4	21.2
7 20	20 58.57	−35 24.9	2.179	3.153	6.3	21.1
7 30	20 49.03	−35 55.2	2.175	3.158	5.6	21.0
8 9	20 39.33	−36 9.4	2.198	3.162	6.9	21.1
8 19	20 30.45	−36 6.1	2.248	3.165	9.2	21.3
8 29	20 23.27	−35 46.1	2.321	3.169	11.6	21.4
9 8	20 18.35	−35 12.2	2.415	3.172	13.8	21.6

161956 2007 HG_{39} 8 1.3 347°.98 1°.3/ 2.1 18

6 30	21 2.90	−12 50.6	1.102	2.014	17.3	18.9
7 10	21 0.49	−13 17.1	1.037	2.001	12.9	18.6
7 20	20 55.41	−14 1.6	0.990	1.989	7.7	18.3
7 30	20 48.49	−14 59.8	0.965	1.979	2.2	18.0
8 9	20 41.04	−16 4.1	0.962	1.971	4.3	18.1
8 19	20 34.51	−17 6.6	0.981	1.964	10.0	18.4
8 29	20 30.23	−18 0.0	1.020	1.959	15.1	18.6
9 8	20 29.09	−18 39.8	1.078	1.956	19.5	18.9

69569 1998 BU_{12} 8 1.3 189°.14 1°.3/31.5 18 R

6 30	21 12.00	−17 31.7	1.513	2.406	14.6	19.3
7 10	21 6.52	−18 33.1	1.449	2.406	10.6	19.1
7 20	20 58.60	−19 44.5	1.407	2.405	6.0	18.8
7 30	20 49.08	−20 59.1	1.391	2.405	1.5	18.5
8 9	20 39.15	−22 9.1	1.400	2.404	4.5	18.7
8 19	20 30.08	−23 8.3	1.435	2.402	9.2	19.0
8 29	20 23.04	−23 52.7	1.494	2.401	13.5	19.3
9 8	20 18.79	−24 21.4	1.573	2.399	17.1	19.5

382979 2005 BK_{14} 8 1.3 120°.30 2°.7/30.3 17

6 30	21 11.86	−23 38.0	2.209	3.093	11.0	22.1
7 10	21 5.68	−24 34.5	2.158	3.110	7.9	21.9
7 20	20 57.79	−25 31.9	2.132	3.126	4.7	21.7
7 30	20 48.89	−26 24.9	2.134	3.142	2.7	21.6
8 9	20 39.85	−27 9.1	2.164	3.157	4.5	21.8
8 19	20 31.56	−27 41.3	2.222	3.172	7.5	22.0
8 29	20 24.79	−28 0.6	2.305	3.186	10.5	22.2
9 8	20 20.08	−28 7.5	2.410	3.199	12.9	22.4

120933 1998 SL_{147} 8 1.3 343°.39 1°.7/31.6 18

6 30	21 4.29	−18 34.7	0.855	1.787	18.9	18.5
7 10	21 2.15	−19 8.1	0.797	1.773	13.8	18.1
7 20	20 56.63	−19 54.5	0.756	1.760	7.9	17.8
7 30	20 48.75	−20 46.5	0.734	1.748	2.0	17.4
8 9	20 40.19	−21 34.5	0.732	1.739	6.0	17.6
8 19	20 32.84	−22 10.1	0.749	1.731	12.3	17.9
8 29	20 28.40	−22 28.3	0.784	1.725	18.1	18.2
9 8	20 27.87	−22 27.8	0.834	1.721	23.0	18.5

238804 2005 LH_{53} 8 1.3 3°.09 0°.6/ 1.8 18

6 30	21 4.10	−14 18.5	2.193	3.075	11.2	19.6
7 10	21 0.14	−14 40.7	2.125	3.075	8.2	19.4
7 20	20 54.68	−15 10.9	2.081	3.076	4.8	19.2
7 30	20 48.30	−15 46.1	2.063	3.077	1.2	19.0
8 9	20 41.73	−16 22.9	2.072	3.079	2.7	19.1
8 19	20 35.70	−16 58.0	2.108	3.082	6.2	19.3
8 29	20 30.91	−17 28.4	2.170	3.085	9.5	19.6
9 8	20 27.89	−17 52.3	2.254	3.089	12.3	19.7

155171 2005 UX_{205} 8 1.3 192°.67 0°.8/ 1.9 18

6 30	21 11.26	−13 53.9	1.873	2.749	13.1	21.4
7 10	21 5.54	−14 15.8	1.802	2.748	9.6	21.2
7 20	20 57.87	−14 47.1	1.753	2.746	5.6	21.0
7 30	20 48.93	−15 24.6	1.731	2.745	1.5	20.7
8 9	20 39.69	−16 4.0	1.736	2.743	3.2	20.8
8 19	20 31.13	−16 41.1	1.769	2.740	7.4	21.1
8 29	20 24.20	−17 12.9	1.826	2.738	11.2	21.3
9 8	20 19.52	−17 37.0	1.906	2.734	14.4	21.5

359489 2010 ON_{59} 8 1.3 82°.50 9°.7/26.3 18

6 30	21 22.29	−49 0.5	2.306	3.141	12.4	20.1
7 10	21 13.49	−49 43.9	2.266	3.148	10.9	20.0
7 20	21 2.26	−50 9.3	2.247	3.155	9.9	20.0
7 30	20 49.73	−50 10.7	2.253	3.162	9.7	20.0
8 9	20 37.29	−49 45.1	2.283	3.169	10.5	20.1
8 19	20 26.27	−48 53.8	2.336	3.175	11.9	20.2
8 29	20 17.69	−47 40.8	2.411	3.182	13.5	20.3
9 8	20 12.10	−46 11.9	2.505	3.189	15.0	20.4

523016 2016 PM_{123} 8 1.3 259°.86 0°.6/ 1.7 18

6 30	21 9.88	−15 2.1	2.081	2.956	11.9	22.1
7 10	21 4.49	−15 18.0	1.996	2.943	8.8	21.8
7 20	20 57.27	−15 41.6	1.935	2.929	5.1	21.6
7 30	20 48.83	−16 10.0	1.901	2.914	1.2	21.3
8 9	20 40.01	−16 39.7	1.894	2.900	3.0	21.4
8 19	20 31.73	−17 7.4	1.914	2.885	7.0	21.6
8 29	20 24.85	−17 30.4	1.961	2.870	10.6	21.8
9 8	20 20.03	−17 46.7	2.029	2.855	13.8	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
447380 2006 AD_{89}			8 1.3 222°.98		0°.2/ 1.2 17	
	h m	° ′			°	m
6 30	21 9.94	−18 20.4	2.852	3.722	9.3	21.8
7 10	21 4.05	−18 24.4	2.768	3.713	6.7	21.7
7 20	20 56.81	−18 31.1	2.709	3.704	3.8	21.5
7 30	20 48.72	−18 38.6	2.680	3.694	0.7	21.2
8 9	20 40.42	−18 44.7	2.679	3.684	2.5	21.3
8 19	20 32.57	−18 47.8	2.708	3.674	5.5	21.5
8 29	20 25.80	−18 46.8	2.764	3.663	8.3	21.7
9 8	20 20.59	−18 41.1	2.845	3.652	10.7	21.9
288785 2004 RH_{123}			8 1.3 351°.48		0°.3/ 1.6 18	
6 30	21 7.05	−14 51.7	2.069	2.950	11.8	21.0
7 10	21 2.37	−15 24.4	1.999	2.948	8.6	20.8
7 20	20 56.01	−16 5.3	1.952	2.947	4.9	20.6
7 30	20 48.58	−16 51.2	1.932	2.946	1.1	20.3
8 9	20 40.89	−17 37.8	1.939	2.946	3.0	20.5
8 19	20 33.79	−18 21.0	1.974	2.945	6.8	20.7
8 29	20 28.08	−18 57.8	2.033	2.945	10.2	20.9
9 8	20 24.32	−19 26.1	2.116	2.944	13.2	21.1
250032 2002 CQ_{71}			8 1.3 209°.82		2°.2/30.9 18	
6 30	21 11.16	−24 3.6	2.301	3.186	10.6	20.6
7 10	21 5.20	−24 23.6	2.232	3.184	7.7	20.4
7 20	20 57.55	−24 43.7	2.187	3.181	4.5	20.2
7 30	20 48.87	−25 0.1	2.169	3.179	2.2	20.0
8 9	20 39.98	−25 9.7	2.180	3.177	4.0	20.2
8 19	20 31.76	−25 10.6	2.218	3.174	7.1	20.4
8 29	20 24.96	−25 2.1	2.281	3.172	10.2	20.6
9 8	20 20.16	−24 44.8	2.368	3.169	12.8	20.7
415291 2013 GG_{44}			8 1.3 8°.56		0°.7/ 1.7 17	
6 30	21 5.34	−13 25.2	0.906	1.826	19.3	19.8
7 10	21 2.52	−14 3.5	0.858	1.827	14.2	19.5
7 20	20 56.62	−15 1.4	0.828	1.829	8.3	19.2
7 30	20 48.73	−16 11.9	0.818	1.832	1.9	18.8
8 9	20 40.46	−17 25.1	0.829	1.837	4.8	19.0
8 19	20 33.48	−18 31.4	0.860	1.844	10.9	19.4
8 29	20 29.21	−19 23.7	0.912	1.852	16.3	19.7
9 8	20 28.45	−19 58.5	0.979	1.861	20.8	20.0
94397 2001 ST_{245}			8 1.3 294°.92		2°.2/ 2.5 17	
6 30	21 10.66	−11 19.5	1.263	2.154	17.1	19.7
7 10	21 5.93	−11 35.7	1.193	2.144	12.8	19.4
7 20	20 58.46	−12 8.8	1.142	2.135	7.9	19.1
7 30	20 49.10	−12 55.6	1.114	2.126	3.0	18.8
8 9	20 39.17	−13 50.0	1.110	2.117	4.4	18.8
8 19	20 30.11	−14 45.3	1.130	2.108	9.6	19.1
8 29	20 23.29	−15 35.3	1.172	2.099	14.6	19.4
9 8	20 19.58	−16 15.7	1.233	2.091	18.9	19.6
37781 1997 HB_{13}			8 1.3 93°.33		5°.7/ 5.8 18	R
6 30	21 7.11	+ 0 38.2	2.299	3.115	13.0	18.7
7 10	21 2.19	+ 0 55.2	2.229	3.121	10.6	18.6
7 20	20 55.81	+ 0 56.1	2.181	3.127	8.1	18.4
7 30	20 48.54	+ 0 40.7	2.157	3.133	6.2	18.3
8 9	20 41.08	+ 0 10.7	2.160	3.139	5.8	18.3
8 19	20 34.14	− 0 30.9	2.190	3.145	7.3	18.4
8 29	20 28.42	− 1 20.1	2.245	3.151	9.6	18.6
9 8	20 24.41	− 2 12.2	2.323	3.157	12.0	18.8
392122 2009 FE_{38}			8 1.3 320°.40		3°.8/29.9 18	
6 30	21 11.21	−26 21.8	1.846	2.740	12.3	20.9
7 10	21 5.65	−27 4.9	1.782	2.737	9.0	20.6
7 20	20 57.98	−27 47.3	1.741	2.734	5.7	20.4
7 30	20 48.98	−28 23.3	1.726	2.731	3.8	20.3
8 9	20 39.69	−28 47.9	1.738	2.728	5.7	20.4
8 19	20 31.21	−28 58.1	1.775	2.726	9.1	20.6
8 29	20 24.52	−28 53.5	1.836	2.723	12.4	20.8
9 8	20 20.28	−28 35.4	1.918	2.721	15.3	21.0
481140 2005 UN_{79}			8 1.3 253°.79		1°.5/31.1 18	
6 30	21 8.77	−20 49.3	2.569	3.449	9.8	22.0
7 10	21 3.48	−21 28.3	2.481	3.432	7.1	21.8
7 20	20 56.63	−22 10.8	2.419	3.414	4.0	21.6
7 30	20 48.73	−22 53.3	2.384	3.396	1.5	21.3
8 9	20 40.50	−23 31.8	2.378	3.378	3.4	21.5
8 19	20 32.68	−24 3.4	2.401	3.359	6.5	21.6
8 29	20 26.01	−24 26.0	2.449	3.340	9.5	21.8
9 8	20 21.07	−24 39.0	2.521	3.321	12.2	21.9
413147 2002 CO_{180}			8 1.3 109°.70		1°.2/31.7 17	
6 30	21 13.68	−17 55.5	1.437	2.330	15.2	20.8
7 10	21 7.68	−18 44.7	1.385	2.341	11.0	20.5
7 20	20 59.22	−19 42.1	1.354	2.352	6.2	20.3
7 30	20 49.23	−20 41.1	1.348	2.363	1.5	20.0
8 9	20 39.03	−21 34.9	1.369	2.373	4.5	20.2
8 19	20 29.89	−22 17.9	1.414	2.383	9.2	20.6
8 29	20 22.95	−22 47.5	1.483	2.392	13.4	20.8
9 8	20 18.89	−23 3.3	1.572	2.401	16.9	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
481205 2005 UH_{517}			8 1.4 298°.40		3°.9/ 4.3 18	
	h m	° ′			°	m
6 30	21 6.13	− 4 37.2	2.066	2.914	13.1	21.4
7 10	21 1.77	− 4 51.8	1.981	2.903	10.3	21.2
7 20	20 55.73	− 5 22.3	1.918	2.891	7.1	20.9
7 30	20 48.58	− 6 7.5	1.881	2.880	4.4	20.8
8 9	20 41.07	− 7 4.3	1.870	2.869	4.3	20.7
8 19	20 34.04	− 8 8.2	1.886	2.857	7.0	20.9
8 29	20 28.28	− 9 14.2	1.928	2.847	10.3	21.1
9 8	20 24.43	−10 17.6	1.992	2.836	13.3	21.2
333463 2004 QH_{12}			8 1.4 359°.40		3°.2/29.9 16	
6 30	21 4.55	−17 51.1	1.169	2.086	16.2	19.2
7 10	21 1.67	−19 53.9	1.113	2.082	11.6	18.9
7 20	20 56.10	−22 12.6	1.078	2.080	6.6	18.7
7 30	20 48.68	−24 35.0	1.067	2.079	3.2	18.4
8 9	20 40.75	−26 47.1	1.080	2.079	6.6	18.7
8 19	20 33.76	−28 37.6	1.117	2.081	11.6	18.9
8 29	20 29.05	−29 59.9	1.175	2.084	16.2	19.2
9 8	20 27.50	−30 53.1	1.250	2.088	20.0	19.5
193509 2000 YV_{46}			8 1.4 232°.60		1°.5/31.3 18	
6 30	21 11.06	−19 49.5	2.048	2.932	11.8	20.3
7 10	21 5.42	−20 32.3	1.969	2.922	8.5	20.1
7 20	20 57.85	−21 20.2	1.915	2.912	4.8	19.8
7 30	20 48.99	−22 8.7	1.888	2.901	1.6	19.6
8 9	20 39.76	−22 52.8	1.889	2.891	3.9	19.7
8 19	20 31.11	−23 28.6	1.917	2.879	7.7	20.0
8 29	20 23.97	−23 53.7	1.971	2.867	11.2	20.2
9 8	20 19.00	−24 7.5	2.046	2.855	14.3	20.3
248608 2006 DM_{95}			8 1.4 94°.37		5°.5/ 5.7 18	
6 30	21 8.46	− 0 13.3	1.861	2.692	15.0	20.6
7 10	21 3.42	− 0 25.4	1.799	2.704	12.1	20.5
7 20	20 56.62	− 0 57.8	1.757	2.716	8.9	20.3
7 30	20 48.74	− 1 49.5	1.740	2.727	6.2	20.2
8 9	20 40.66	− 2 56.5	1.749	2.739	5.7	20.2
8 19	20 33.27	− 4 13.5	1.784	2.750	7.8	20.3
8 29	20 27.40	− 5 34.1	1.844	2.761	10.8	20.5
9 8	20 23.61	− 6 52.4	1.928	2.772	13.7	20.7
254391 2004 TX_{222}			8 1.4 298°.83		2°.3/ 2.8 18	
6 30	21 8.35	−10 53.0	2.218	3.082	11.8	20.5
7 10	21 3.23	−10 44.1	2.138	3.075	8.8	20.3
7 20	20 56.49	−10 43.9	2.081	3.067	5.6	20.1
7 30	20 48.73	−10 51.4	2.051	3.060	2.7	19.9
8 9	20 40.70	−11 4.4	2.048	3.052	3.3	19.9
8 19	20 33.19	−11 20.5	2.073	3.045	6.4	20.1
8 29	20 26.97	−11 37.1	2.123	3.038	9.7	20.3
9 8	20 22.59	−11 51.9	2.197	3.030	12.6	20.5
302829 2003 EB_{63}			8 1.4 136°.82		3°.3/29.8 18	
6 30	21 10.68	−26 44.7	2.377	3.262	10.3	20.9
7 10	21 4.84	−27 28.9	2.318	3.269	7.5	20.7
7 20	20 57.36	−28 11.8	2.285	3.276	4.7	20.6
7 30	20 48.88	−28 48.8	2.279	3.282	3.3	20.5
8 9	20 40.25	−29 16.0	2.301	3.289	4.8	20.6
8 19	20 32.28	−29 31.4	2.351	3.294	7.5	20.8
8 29	20 25.73	−29 34.2	2.425	3.300	10.2	21.0
9 8	20 21.13	−29 25.5	2.522	3.306	12.6	21.2
470387 2007 TO_{332}			8 1.4 346°.71		2°.4/ 2.8 18	
6 30	21 9.13	−10 47.9	1.792	2.665	13.7	21.1
7 10	21 4.07	−10 49.0	1.722	2.664	10.3	20.9
7 20	20 57.07	−11 1.6	1.674	2.662	6.5	20.6
7 30	20 48.85	−11 23.9	1.651	2.661	2.9	20.4
8 9	20 40.34	−11 52.4	1.655	2.660	3.6	20.5
8 19	20 32.53	−12 23.5	1.685	2.659	7.4	20.7
8 29	20 26.32	−12 53.5	1.739	2.659	11.2	20.9
9 8	20 22.34	−13 19.4	1.816	2.658	14.4	21.1
60846 2000 HB_{63}			8 1.4 346°.47		0°.0/ 1.2 18	
6 30	21 6.41	−15 3.0	0.974	1.892	18.5	17.9
7 10	21 3.35	−15 38.5	0.916	1.884	13.6	17.6
7 20	20 57.20	−16 30.9	0.875	1.876	7.8	17.2
7 30	20 48.93	−17 34.0	0.855	1.870	1.5	16.8
8 9	20 40.08	−18 38.6	0.856	1.864	4.9	17.0
8 19	20 32.35	−19 35.9	0.879	1.861	11.1	17.4
8 29	20 27.28	−20 19.4	0.921	1.858	16.6	17.7
9 8	20 25.78	−20 46.1	0.980	1.857	21.2	17.9
134676 1999 WN_{11}			8 1.4 285°.54		2°.2/31.3 18	
6 30	21 13.68	−21 18.6	1.510	2.406	14.5	19.3
7 10	21 8.11	−21 50.0	1.422	2.380	10.6	19.0
7 20	20 59.78	−22 26.9	1.355	2.353	6.2	18.7
7 30	20 49.44	−23 3.6	1.313	2.326	2.3	18.4
8 9	20 38.31	−23 33.6	1.297	2.299	5.2	18.5
8 19	20 27.84	−23 52.1	1.306	2.272	10.1	18.7
8 29	20 19.41	−23 56.7	1.338	2.244	14.8	18.9
9 8	20 14.04	−23 47.6	1.388	2.216	18.8	19.1

386770 2010 CS_{180} 8 1.4 167°.44 0°.9/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.17	−18 21.2	2.125	3.005	11.6	22.0
7 10	21 5.32	−18 59.5	2.059	3.009	8.3	21.8
7 20	20 57.70	−19 43.1	2.016	3.012	4.7	21.6
7 30	20 48.97	−20 27.9	2.001	3.015	1.1	21.4
8 9	20 40.01	−21 9.5	2.014	3.017	3.4	21.5
8 19	20 31.69	−21 44.3	2.055	3.019	7.1	21.8
8 29	20 24.86	−22 10.0	2.121	3.020	10.4	22.0
9 8	20 20.08	−22 26.0	2.210	3.021	13.3	22.2

85743 1998 SU_{113} 8 1.4 283°.38 4°.0/30.1 18 R

6 30	21 13.01	−25 1.0	1.541	2.440	14.0	19.8
7 10	21 7.56	−25 53.7	1.462	2.421	10.3	19.5
7 20	20 59.41	−26 49.0	1.406	2.401	6.4	19.2
7 30	20 49.37	−27 39.5	1.375	2.382	4.0	19.0
8 9	20 38.68	−28 17.9	1.368	2.362	6.4	19.1
8 19	20 28.76	−28 39.4	1.387	2.342	10.7	19.3
8 29	20 20.94	−28 42.4	1.428	2.322	14.8	19.5
9 8	20 16.13	−28 28.3	1.488	2.302	18.4	19.7

164011 2003 UX_{194} 8 1.4 257°.51 4°.9/ 4.4 18

6 30	21 9.26	− 3 44.0	2.020	2.860	13.7	19.9
7 10	21 4.09	− 3 29.7	1.933	2.848	10.9	19.7
7 20	20 57.10	− 3 30.5	1.869	2.835	7.8	19.5
7 30	20 48.89	− 3 46.4	1.830	2.822	5.3	19.3
8 9	20 40.28	− 4 15.5	1.817	2.809	5.2	19.3
8 19	20 32.18	− 4 54.7	1.830	2.796	7.7	19.4
8 29	20 25.44	− 5 39.7	1.869	2.783	10.8	19.6
9 8	20 20.72	− 6 26.0	1.931	2.769	13.9	19.7

21348 Toyoteru 8 1.4 265°.12 1°.7/ 2.7 18

6 30	21 8.14	− 9 21.7	1.818	2.688	13.7	18.7
7 10	21 3.47	−10 17.7	1.738	2.679	10.3	18.5
7 20	20 56.83	−11 30.4	1.681	2.670	6.3	18.2
7 30	20 48.85	−12 55.6	1.650	2.661	2.4	18.0
8 9	20 40.43	−14 27.1	1.646	2.652	3.3	18.0
8 19	20 32.56	−15 58.1	1.669	2.643	7.5	18.3
8 29	20 26.21	−17 22.2	1.718	2.634	11.5	18.5
9 8	20 22.08	−18 35.1	1.789	2.625	14.9	18.7

505403 2013 QL_{68} 8 1.4 38°.11 0°.8/ 1.8 17

6 30	21 10.81	−14 30.5	1.138	2.042	17.6	20.6
7 10	21 5.92	−14 50.3	1.094	2.054	12.8	20.3
7 20	20 58.33	−15 23.2	1.069	2.067	7.4	20.1
7 30	20 49.12	−16 4.0	1.066	2.080	1.8	19.8
8 9	20 39.76	−16 46.0	1.087	2.095	4.2	20.0
8 19	20 31.68	−17 23.3	1.131	2.110	9.6	20.3
8 29	20 26.06	−17 51.8	1.197	2.125	14.3	20.6
9 8	20 23.57	−18 9.4	1.281	2.141	18.2	20.9

289356 2005 BU_{25} 8 1.4 283°.12 1°.5/ 2.3 18

6 30	21 10.09	−11 55.0	1.892	2.764	13.1	20.6
7 10	21 5.01	−12 19.6	1.791	2.734	9.9	20.3
7 20	20 57.81	−12 56.8	1.713	2.704	6.0	20.0
7 30	20 49.07	−13 44.0	1.661	2.673	2.1	19.7
8 9	20 39.68	−14 36.8	1.636	2.642	3.4	19.7
8 19	20 30.67	−15 30.5	1.637	2.610	7.7	19.9
8 29	20 23.09	−16 20.3	1.664	2.578	11.9	20.1
9 8	20 17.78	−17 2.9	1.713	2.546	15.6	20.3

446263 2013 JC_{33} 8 1.4 28°.48 0°.3/ 1.7 18

6 30	21 6.29	−12 44.4	2.080	2.956	11.9	20.2
7 10	21 1.85	−13 49.5	2.013	2.959	8.7	20.0
7 20	20 55.77	−15 5.9	1.969	2.963	5.0	19.8
7 30	20 48.64	−16 29.0	1.952	2.966	1.1	19.5
8 9	20 41.24	−17 53.1	1.964	2.970	2.9	19.6
8 19	20 34.39	−19 12.6	2.003	2.974	6.7	19.9
8 29	20 28.88	−20 23.1	2.069	2.978	10.2	20.1
9 8	20 25.28	−21 21.7	2.157	2.982	13.1	20.3

172225 2002 RS_{90} 8 1.4 285°.84 5°.9/29.3 18

6 30	21 15.97	−33 16.8	1.881	2.767	12.6	19.9
7 10	21 9.15	−33 48.8	1.818	2.762	9.6	19.7
7 20	21 0.02	−34 13.3	1.778	2.758	7.0	19.6
7 30	20 49.46	−34 24.1	1.763	2.753	5.9	19.5
8 9	20 38.68	−34 17.1	1.775	2.749	7.3	19.6
8 19	20 28.91	−33 51.2	1.812	2.744	10.2	19.7
8 29	20 21.18	−33 8.1	1.873	2.740	13.1	19.9
9 8	20 16.17	−32 11.4	1.954	2.736	15.8	20.1

259795 2004 BK_{65} 8 1.4 78°.55 2°.0/31.3 17

6 30	21 13.13	−20 1.6	1.441	2.338	15.0	20.1
7 10	21 7.26	−20 50.2	1.393	2.352	10.7	19.9
7 20	20 58.98	−21 44.4	1.368	2.366	6.1	19.6
7 30	20 49.26	−22 37.3	1.367	2.380	2.1	19.4
8 9	20 39.38	−23 22.4	1.392	2.394	4.8	19.6
8 19	20 30.62	−23 55.2	1.442	2.408	9.3	19.9
8 29	20 24.06	−24 13.7	1.515	2.422	13.3	20.2
9 8	20 20.34	−24 18.5	1.608	2.436	16.7	20.5

475972 2007 LP_{22} 8 1.4 66°.46 4°.6/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.11	− 5 19.0	1.602	2.461	15.7	21.3
7 10	21 4.81	− 5 13.7	1.546	2.474	12.2	21.1
7 20	20 57.50	− 5 26.0	1.512	2.487	8.4	21.0
7 30	20 48.97	− 5 54.6	1.501	2.501	5.2	20.8
8 9	20 40.27	− 6 35.7	1.515	2.514	5.1	20.8
8 19	20 32.43	− 7 24.6	1.556	2.528	8.1	21.0
8 29	20 26.39	− 8 15.8	1.620	2.541	11.7	21.3
9 8	20 22.74	− 9 4.3	1.706	2.555	14.9	21.5

301200 2009 AH 8 1.4 205°.61 1°.7/ 2.5 18

6 30	21 11.27	−12 19.4	2.195	3.059	11.9	21.2
7 10	21 5.34	−12 15.4	2.118	3.056	8.8	21.0
7 20	20 57.72	−12 19.3	2.064	3.052	5.4	20.7
7 30	20 49.02	−12 29.6	2.037	3.048	2.2	20.5
8 9	20 40.06	−12 43.8	2.038	3.043	3.1	20.6
8 19	20 31.68	−12 59.4	2.067	3.038	6.5	20.8
8 29	20 24.67	−13 14.0	2.123	3.033	9.9	21.0
9 8	20 19.62	−13 25.7	2.201	3.027	12.8	21.2

106797 2000 XX_{27} 8 1.4 166°.94 4°.4/30.1 17

6 30	21 18.44	−28 14.2	1.742	2.629	13.3	19.8
7 10	21 10.96	−28 50.3	1.683	2.633	9.9	19.6
7 20	21 1.05	−29 23.0	1.647	2.637	6.4	19.4
7 30	20 49.67	−29 45.7	1.637	2.640	4.4	19.3
8 9	20 38.08	−29 53.7	1.655	2.642	6.3	19.4
8 19	20 27.57	−29 45.1	1.698	2.644	9.7	19.6
8 29	20 19.23	−29 20.9	1.766	2.646	13.2	19.8
9 8	20 13.73	−28 44.0	1.853	2.646	16.1	20.0

425126 2009 SZ_{209} 8 1.4 37°.79 1°.3/31.8 17

6 30	21 11.87	−19 18.9	1.228	2.134	16.4	20.4
7 10	21 6.60	−19 43.5	1.183	2.146	11.8	20.1
7 20	20 58.68	−20 14.5	1.159	2.159	6.6	19.9
7 30	20 49.21	−20 46.0	1.158	2.172	1.6	19.6
8 9	20 39.62	−21 12.0	1.181	2.186	4.7	19.9
8 19	20 31.30	−21 28.4	1.228	2.201	9.7	20.2
8 29	20 25.42	−21 33.4	1.296	2.216	14.1	20.5
9 8	20 22.59	−21 27.1	1.384	2.231	17.8	20.8

43638 2002 EU_{30} 8 1.4 356°.81 8°.1/28.2 18

6 30	21 15.33	−35 45.3	1.526	2.420	14.5	19.1
7 10	21 9.18	−36 42.1	1.474	2.419	11.4	18.9
7 20	21 0.22	−37 28.7	1.443	2.418	8.9	18.7
7 30	20 49.53	−37 56.3	1.436	2.417	8.1	18.7
8 9	20 38.59	−37 59.2	1.453	2.416	9.7	18.8
8 19	20 28.92	−37 36.1	1.493	2.417	12.5	18.9
8 29	20 21.75	−36 49.9	1.555	2.417	15.6	19.1
9 8	20 17.81	−35 45.8	1.634	2.418	18.3	19.3

257377 2009 RG_{5} 8 1.4 350°.37 3°.0/30.3 18

6 30	21 7.93	−23 57.7	1.889	2.787	12.0	20.0
7 10	21 3.28	−24 44.9	1.825	2.783	8.6	19.8
7 20	20 56.68	−25 34.0	1.783	2.779	5.2	19.6
7 30	20 48.85	−26 19.5	1.768	2.777	3.0	19.5
8 9	20 40.74	−26 56.2	1.779	2.774	5.0	19.6
8 19	20 33.33	−27 20.8	1.816	2.772	8.5	19.8
8 29	20 27.54	−27 31.7	1.876	2.771	11.8	20.0
9 8	20 24.00	−27 29.3	1.958	2.770	14.7	20.2

276028 2002 AC_{73} 8 1.4 216°.79 3°.4/29.7 18

6 30	21 11.82	−23 51.1	1.977	2.867	11.9	21.1
7 10	21 6.14	−25 8.1	1.906	2.860	8.6	20.9
7 20	20 58.37	−26 28.4	1.860	2.854	5.3	20.7
7 30	20 49.20	−27 45.3	1.841	2.847	3.4	20.5
8 9	20 39.59	−28 52.0	1.849	2.839	5.5	20.6
8 19	20 30.61	−29 44.0	1.884	2.831	8.9	20.8
8 29	20 23.25	−30 18.8	1.944	2.822	12.2	21.0
9 8	20 18.24	−30 36.9	2.025	2.813	15.1	21.2

198516 2004 XC_{89} 8 1.4 287°.86 2°.5/30.9 18

6 30	21 12.18	−22 34.9	1.717	2.610	13.2	20.5
7 10	21 6.71	−23 8.9	1.631	2.588	9.6	20.3
7 20	20 58.86	−23 46.5	1.568	2.565	5.6	20.0
7 30	20 49.31	−24 22.2	1.530	2.542	2.6	19.7
8 9	20 39.18	−24 50.4	1.519	2.518	5.0	19.8
8 19	20 29.68	−25 7.1	1.534	2.495	9.2	20.0
8 29	20 22.00	−25 10.5	1.572	2.472	13.3	20.2
9 8	20 16.98	−25 0.8	1.630	2.449	16.9	20.4

23600 1995 XC_{1} 8 1.4 190°.96 0°.1/ 1.5 18

6 30	21 11.42	−16 17.5	2.278	3.150	11.2	20.0
7 10	21 5.43	−16 35.5	2.203	3.149	8.1	19.8
7 20	20 57.77	−16 59.2	2.153	3.147	4.7	19.6
7 30	20 49.06	−17 25.8	2.130	3.145	0.9	19.3
8 9	20 40.11	−17 52.0	2.136	3.142	2.8	19.4
8 19	20 31.73	−18 14.9	2.170	3.139	6.5	19.7
8 29	20 24.72	−18 32.5	2.231	3.135	9.8	19.9
9 8	20 19.64	−18 43.5	2.315	3.130	12.6	20.0

164197 2004 CQ_{68} 8 1.4 264.°50 2.°5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.38	−23 25.3	2.040	2.928	11.6	20.5
7 10	21 5.74	−24 1.2	1.960	2.914	8.4	20.3
7 20	20 58.11	−24 39.0	1.904	2.899	5.0	20.0
7 30	20 49.15	−25 14.0	1.875	2.884	2.5	19.8
8 9	20 39.80	−25 41.5	1.873	2.870	4.6	19.9
8 19	20 31.06	−25 58.4	1.898	2.854	8.1	20.1
8 29	20 23.87	−26 3.3	1.947	2.839	11.6	20.3
9 8	20 18.93	−25 56.5	2.018	2.824	14.6	20.5

380798 2005 WF_{142} 8 1.4 241.°13 1.°5/31.5 18

6 30	21 11.99	−19 46.6	1.816	2.704	12.8	21.6
7 10	21 6.31	−20 23.4	1.741	2.695	9.3	21.4
7 20	20 58.48	−21 5.8	1.689	2.686	5.3	21.1
7 30	20 49.23	−21 48.8	1.663	2.676	1.6	20.9
8 9	20 39.57	−22 27.1	1.664	2.667	4.1	21.0
8 19	20 30.60	−22 56.8	1.692	2.657	8.3	21.2
8 29	20 23.34	−23 15.4	1.745	2.647	12.1	21.5
9 8	20 18.52	−23 22.4	1.818	2.636	15.4	21.7

377172 2003 US_{5} 8 1.4 302.°17 1.°6/31.7 17

6 30	21 13.84	−20 28.9	1.303	2.205	15.9	20.8
7 10	21 8.69	−20 41.2	1.211	2.172	11.8	20.4
7 20	21 0.39	−20 59.3	1.140	2.138	6.9	20.0
7 30	20 49.68	−21 17.8	1.091	2.105	1.9	19.6
8 9	20 37.94	−21 30.7	1.067	2.072	5.2	19.8
8 19	20 26.82	−21 33.3	1.067	2.039	11.0	20.0
8 29	20 18.00	−21 23.5	1.088	2.006	16.4	20.2
9 8	20 12.66	−21 1.5	1.127	1.974	21.1	20.4

103874 2000 DG_{46} 8 1.4 91.°48 2.°4/ 2.9 17

6 30	21 11.30	− 9 40.3	1.571	2.443	15.3	19.7
7 10	21 5.75	−10 3.2	1.515	2.456	11.4	19.5
7 20	20 58.09	−10 41.1	1.481	2.469	7.1	19.2
7 30	20 49.14	−11 30.5	1.472	2.482	3.1	19.0
8 9	20 40.00	−12 26.0	1.489	2.495	3.8	19.1
8 19	20 31.76	−13 22.2	1.532	2.507	7.9	19.4
8 29	20 25.40	−14 13.9	1.600	2.520	11.9	19.6
9 8	20 21.54	−14 57.7	1.688	2.532	15.3	19.9

279837 2000 ST_{272} 8 1.4 275.°97 3.°4/ 3.4 18

6 30	21 10.61	− 7 46.8	1.902	2.759	13.7	20.9
7 10	21 5.34	− 7 47.4	1.803	2.733	10.6	20.6
7 20	20 58.00	− 8 1.9	1.725	2.706	7.1	20.4
7 30	20 49.17	− 8 29.4	1.673	2.678	3.9	20.1
8 9	20 39.73	− 9 7.1	1.648	2.650	4.2	20.1
8 19	20 30.69	− 9 51.3	1.650	2.621	7.8	20.2
8 29	20 23.07	−10 37.4	1.677	2.593	11.7	20.4
9 8	20 17.68	−11 21.3	1.725	2.563	15.3	20.6

513501 2009 OY_{20} 8 1.4 1.°42 3.°3/30.9 18

6 30	21 9.42	−25 29.7	1.481	2.387	14.1	19.7
7 10	21 4.69	−25 42.1	1.423	2.385	10.2	19.5
7 20	20 57.60	−25 53.2	1.387	2.384	6.2	19.3
7 30	20 49.06	−25 58.0	1.375	2.385	3.4	19.1
8 9	20 40.31	−25 52.4	1.388	2.386	5.5	19.2
8 19	20 32.60	−25 34.5	1.425	2.389	9.5	19.5
8 29	20 26.97	−25 4.6	1.484	2.393	13.4	19.7
9 8	20 24.08	−24 24.4	1.563	2.399	16.7	20.0

511186 2013 YZ_{108} 8 1.4 67.°18 1.°0/31.6 17

6 30	21 9.16	−16 9.9	1.687	2.576	13.6	20.9
7 10	21 4.22	−17 24.8	1.631	2.586	9.7	20.7
7 20	20 57.25	−18 49.6	1.599	2.597	5.4	20.4
7 30	20 48.99	−20 17.7	1.594	2.608	1.2	20.2
8 9	20 40.49	−21 41.8	1.615	2.619	4.0	20.4
8 19	20 32.78	−22 55.4	1.662	2.629	8.2	20.7
8 29	20 26.81	−23 54.7	1.735	2.640	12.0	20.9
9 8	20 23.24	−24 38.1	1.828	2.651	15.2	21.2

323690 2005 GG_{80} 8 1.4 159.°33 1.°2/31.6 17

6 30	21 13.69	−18 23.2	1.741	2.625	13.5	22.2
7 10	21 7.48	−19 9.9	1.678	2.631	9.7	22.0
7 20	20 59.11	−20 3.3	1.640	2.636	5.5	21.7
7 30	20 49.36	−20 57.9	1.627	2.641	1.4	21.5
8 9	20 39.33	−21 47.9	1.642	2.645	4.0	21.7
8 19	20 30.14	−22 28.7	1.683	2.648	8.3	21.9
8 29	20 22.79	−22 57.7	1.750	2.651	12.1	22.2
9 8	20 17.97	−23 14.4	1.837	2.654	15.4	22.4

383086 2005 SQ_{82} 8 1.4 292.°80 2.°0/ 2.5 18

6 30	21 10.19	−11 47.1	1.534	2.416	15.1	21.3
7 10	21 5.39	−11 56.0	1.448	2.396	11.4	21.0
7 20	20 58.16	−12 18.4	1.384	2.375	7.0	20.7
7 30	20 49.22	−12 52.0	1.343	2.355	2.7	20.4
8 9	20 39.65	−13 32.4	1.328	2.334	4.0	20.4
8 19	20 30.68	−14 14.6	1.337	2.314	8.7	20.6
8 29	20 23.52	−14 53.9	1.371	2.293	13.3	20.9
9 8	20 19.07	−15 26.5	1.424	2.273	17.3	21.1

287688 2003 QY_{20} 8 1.4 324.°14 5.°6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.22	−28 8.1	1.178	2.089	16.5	19.5
7 10	21 8.96	−28 43.7	1.114	2.077	12.3	19.3
7 20	21 0.42	−29 16.6	1.071	2.065	8.0	19.0
7 30	20 49.67	−29 37.8	1.049	2.054	5.6	18.8
8 9	20 38.39	−29 40.1	1.051	2.044	8.0	18.9
8 19	20 28.35	−29 20.5	1.074	2.034	12.5	19.1
8 29	20 21.12	−28 40.4	1.119	2.025	17.0	19.4
9 8	20 17.58	−27 44.1	1.180	2.016	21.0	19.6

187614 2007 AX_{14} 8 1.4 142.°28 0.°2/ 1.3 17

6 30	21 12.59	−16 11.3	1.779	2.660	13.4	21.1
7 10	21 6.60	−16 46.2	1.718	2.668	9.7	20.8
7 20	20 58.56	−17 29.1	1.679	2.675	5.5	20.6
7 30	20 49.26	−18 15.5	1.667	2.682	1.0	20.3
8 9	20 39.72	−19 0.4	1.683	2.688	3.5	20.5
8 19	20 31.00	−19 39.3	1.725	2.694	7.7	20.8
8 29	20 24.03	−20 9.5	1.792	2.700	11.5	21.0
9 8	20 19.46	−20 29.6	1.881	2.705	14.8	21.3

386809 2010 FE_{21} 8 1.4 294.°46 0.°4/ 1.7 18

6 30	21 8.85	−14 23.5	1.711	2.596	13.6	21.0
7 10	21 4.13	−14 59.0	1.634	2.585	10.0	20.8
7 20	20 57.30	−15 45.8	1.579	2.575	5.8	20.5
7 30	20 49.05	−16 39.7	1.550	2.564	1.3	20.2
8 9	20 40.35	−17 35.4	1.547	2.553	3.5	20.3
8 19	20 32.29	−18 27.5	1.570	2.543	8.0	20.6
8 29	20 25.89	−19 11.7	1.617	2.532	12.1	20.8
9 8	20 21.88	−19 45.5	1.685	2.522	15.6	21.0

384807 2012 QL_{36} 8 1.4 359.°20 3.°1/31.4 16

6 30	21 12.65	−24 50.4	1.202	2.113	16.3	20.1
7 10	21 7.45	−24 46.8	1.145	2.110	11.9	19.8
7 20	20 59.34	−24 41.8	1.108	2.107	7.0	19.6
7 30	20 49.43	−24 29.9	1.095	2.106	3.2	19.3
8 9	20 39.27	−24 7.3	1.104	2.106	5.7	19.5
8 19	20 30.40	−23 32.6	1.137	2.108	10.6	19.8
8 29	20 24.13	−22 47.3	1.191	2.111	15.1	20.0
9 8	20 21.17	−21 53.6	1.264	2.114	19.0	20.3

472909 2015 FN_{343} 8 1.4 72.°24 4.°8/30.2 17

6 30	21 16.76	−29 28.3	1.647	2.539	13.7	20.6
7 10	21 9.71	−29 54.9	1.600	2.552	10.1	20.4
7 20	21 0.31	−30 16.1	1.576	2.565	6.6	20.2
7 30	20 49.59	−30 26.0	1.577	2.578	4.8	20.2
8 9	20 38.84	−30 20.5	1.604	2.591	6.5	20.3
8 19	20 29.32	−29 58.9	1.657	2.605	9.8	20.5
8 29	20 22.05	−29 22.7	1.733	2.618	13.1	20.8
9 8	20 17.60	−28 35.2	1.830	2.631	16.0	21.0

143232 2002 YU_{19} 8 1.4 222.°38 1.°7/31.3 18

6 30	21 12.59	−20 2.3	1.854	2.741	12.7	20.6
7 10	21 6.74	−20 49.1	1.780	2.733	9.2	20.3
7 20	20 58.75	−21 41.6	1.729	2.725	5.2	20.1
7 30	20 49.33	−22 34.3	1.704	2.717	1.8	19.9
8 9	20 39.49	−23 21.6	1.707	2.708	4.3	20.0
8 19	20 30.33	−23 59.3	1.737	2.699	8.3	20.2
8 29	20 22.86	−24 24.6	1.791	2.689	12.1	20.4
9 8	20 17.82	−24 37.2	1.867	2.678	15.3	20.6

66904 1999 VA_{160} 8 1.4 334.°62 6.°1/ 5.1 18

6 30	21 5.73	− 2 1.1	1.760	2.607	15.1	18.7
7 10	21 1.77	− 1 38.0	1.679	2.594	12.2	18.5
7 20	20 55.91	− 1 33.0	1.618	2.581	9.1	18.3
7 30	20 48.78	− 1 46.9	1.581	2.569	6.6	18.1
8 9	20 41.24	− 2 17.9	1.568	2.558	6.3	18.1
8 19	20 34.25	− 3 2.7	1.580	2.547	8.5	18.2
8 29	20 28.74	− 3 55.9	1.616	2.537	11.7	18.4
9 8	20 25.39	− 4 51.8	1.673	2.528	14.9	18.6

344694 2003 SX_{337} 8 1.4 301.°23 0.°7/ 1.0 18

6 30	21 10.33	−18 18.6	1.675	2.567	13.5	21.1
7 10	21 5.29	−18 40.0	1.596	2.552	9.8	20.9
7 20	20 58.01	−19 8.2	1.539	2.537	5.6	20.6
7 30	20 49.20	−19 38.9	1.508	2.522	1.2	20.3
8 9	20 39.92	−20 7.5	1.502	2.507	3.9	20.4
8 19	20 31.33	−20 29.9	1.522	2.493	8.4	20.7
8 29	20 24.50	−20 43.5	1.566	2.479	12.6	20.9
9 8	20 20.21	−20 47.2	1.631	2.465	16.2	21.1

262640 2006 WG_{48} 8 1.4 115.°90 2.°1/ 2.9 18

6 30	21 9.29	−10 39.3	2.300	3.160	11.5	20.9
7 10	21 3.80	−10 40.7	2.235	3.169	8.6	20.7
7 20	20 56.82	−10 51.2	2.193	3.178	5.4	20.6
7 30	20 48.93	−11 8.9	2.178	3.187	2.5	20.4
8 9	20 40.90	−11 31.5	2.191	3.195	3.0	20.4
8 19	20 33.45	−11 56.1	2.232	3.203	6.1	20.6
8 29	20 27.30	−12 20.1	2.299	3.211	9.2	20.9
9 8	20 22.93	−12 41.2	2.390	3.219	11.8	21.0

39395 6199 *P–L* 8 1.4 302°.12 2°.7/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.26	−11 10.9	1.256	2.147	17.1	19.4
7 10	21 5.85	−11 12.8	1.176	2.128	13.0	19.1
7 20	20 58.63	−11 31.0	1.116	2.108	8.2	18.7
7 30	20 49.38	−12 3.4	1.078	2.089	3.4	18.4
8 9	20 39.37	−12 45.3	1.064	2.070	4.6	18.4
8 19	20 30.09	−13 30.7	1.073	2.052	9.9	18.7
8 29	20 23.00	−14 13.8	1.104	2.034	15.1	18.9
9 8	20 19.09	−14 49.6	1.153	2.016	19.6	19.1

523716 2014 KW_{101} 8 1.4 48°.65 0°.5/ 6.8 17

6 30	20 49.50	+ 1 5.5	38.108	38.888	1.0	22.0
7 10	20 48.79	+ 1 4.6	38.026	38.890	0.8	22.0
7 20	20 48.02	+ 1 2.7	37.968	38.892	0.6	22.0
7 30	20 47.21	+ 0 59.8	37.936	38.894	0.5	21.9
8 9	20 46.40	+ 0 56.1	37.932	38.896	0.5	21.9
8 19	20 45.60	+ 0 51.6	37.956	38.898	0.6	22.0
8 29	20 44.86	+ 0 46.6	38.007	38.900	0.7	22.0
9 8	20 44.19	+ 0 41.0	38.084	38.902	0.9	22.0

214112 2004 RM_{306} 8 1.4 353°.44 12°.3/24.1 18

6 30	21 10.07	−44 1.5	1.416	2.306	15.6	17.9
7 10	21 5.98	−45 35.2	1.371	2.296	13.6	17.8
7 20	20 58.71	−46 51.1	1.346	2.288	12.4	17.7
7 30	20 49.36	−47 38.4	1.341	2.282	12.5	17.7
8 9	20 39.62	−47 50.2	1.358	2.277	14.0	17.7
8 19	20 31.24	−47 25.3	1.393	2.273	16.2	17.9
8 29	20 25.67	−46 27.7	1.447	2.271	18.5	18.0
9 8	20 23.66	−45 4.4	1.517	2.271	20.7	18.2

317534 2002 TR_{309} 8 1.4 285°.48 0°.0/ 1.2 18

6 30	21 8.47	−15 14.8	1.892	2.775	12.6	20.7
7 10	21 3.70	−15 55.9	1.815	2.766	9.2	20.5
7 20	20 57.00	−16 46.8	1.762	2.758	5.3	20.3
7 30	20 49.02	−17 43.1	1.735	2.749	1.0	19.9
8 9	20 40.67	−18 39.8	1.734	2.741	3.3	20.1
8 19	20 32.90	−19 32.0	1.761	2.732	7.5	20.4
8 29	20 26.63	−20 15.9	1.813	2.724	11.3	20.6
9 8	20 22.56	−20 49.3	1.886	2.715	14.5	20.8

490722 2010 RT_{112} 8 1.4 349°.17 3°.2/30.8 18

6 30	21 12.35	−26 15.8	1.792	2.687	12.7	20.7
7 10	21 6.54	−26 26.6	1.727	2.682	9.3	20.4
7 20	20 58.59	−26 35.3	1.684	2.679	5.7	20.2
7 30	20 49.32	−26 37.5	1.667	2.675	3.2	20.1
8 9	20 39.83	−26 29.5	1.677	2.673	5.1	20.2
8 19	20 31.23	−26 9.8	1.712	2.671	8.7	20.4
8 29	20 24.50	−25 39.0	1.771	2.669	12.2	20.6
9 8	20 20.27	−24 58.6	1.852	2.668	15.3	20.8

280585 2004 TE_{323} 8 1.4 297°.41 2°.1/ 2.6 18

6 30	21 9.78	−11 19.9	1.670	2.547	14.3	20.7
7 10	21 4.79	−11 26.6	1.595	2.539	10.7	20.4
7 20	20 57.69	−11 45.7	1.541	2.531	6.7	20.2
7 30	20 49.17	−12 14.8	1.513	2.524	2.8	19.9
8 9	20 40.25	−12 50.2	1.510	2.516	3.7	19.9
8 19	20 32.02	−13 27.4	1.533	2.509	7.9	20.2
8 29	20 25.49	−14 2.3	1.580	2.501	12.0	20.4
9 8	20 21.38	−14 31.6	1.649	2.494	15.5	20.6

474307 2001 YR_{57} 8 1.4 196°.89 0°.8/ 2.1 18

6 30	21 9.14	−13 58.5	2.735	3.598	9.8	22.1
7 10	21 3.59	−14 11.2	2.656	3.595	7.2	21.9
7 20	20 56.70	−14 30.1	2.601	3.592	4.3	21.7
7 30	20 48.95	−14 53.0	2.575	3.588	1.3	21.5
8 9	20 40.99	−15 17.4	2.578	3.583	2.4	21.6
8 19	20 33.47	−15 41.0	2.609	3.579	5.5	21.8
8 29	20 27.03	−16 1.8	2.668	3.573	8.3	22.0
9 8	20 22.15	−16 18.1	2.751	3.568	10.8	22.1

186546 2002 XL_6 8 1.4 297°.29 1°.2/31.8 18 R

6 30	21 10.79	−18 9.7	1.425	2.324	15.0	20.1
7 10	21 6.08	−18 46.9	1.343	2.302	11.0	19.8
7 20	20 58.70	−19 33.9	1.282	2.281	6.3	19.5
7 30	20 49.41	−20 25.4	1.246	2.260	1.5	19.1
8 9	20 39.41	−21 14.3	1.234	2.239	4.6	19.3
8 19	20 30.10	−21 54.8	1.247	2.218	9.8	19.5
8 29	20 22.83	−22 22.9	1.282	2.198	14.6	19.8
9 8	20 18.55	−22 36.9	1.336	2.177	18.7	20.0

280091 2002 EK_{25} 8 1.4 61°.16 4°.6/ 4.1 17

6 30	21 11.81	− 5 43.9	1.542	2.402	16.2	20.3
7 10	21 6.01	− 5 31.8	1.497	2.426	12.5	20.1
7 20	20 58.19	− 5 37.1	1.474	2.450	8.5	20.0
7 30	20 49.23	− 5 58.5	1.475	2.475	5.2	19.8
8 9	20 40.23	− 6 32.1	1.500	2.499	5.2	19.9
8 19	20 32.25	− 7 13.2	1.552	2.524	8.2	20.1
8 29	20 26.18	− 7 56.7	1.628	2.548	11.7	20.4
9 8	20 22.56	− 8 38.0	1.724	2.573	14.8	20.7

153247 2001 BT_1 8 1.4 208°.76 0°.1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.75	−16 31.9	2.639	3.510	9.9	20.8
7 10	21 3.37	−16 46.9	2.561	3.506	7.2	20.6
7 20	20 56.59	−17 6.7	2.508	3.502	4.1	20.4
7 30	20 48.93	−17 28.9	2.483	3.498	0.8	20.1
8 9	20 41.06	−17 50.9	2.487	3.493	2.5	20.3
8 19	20 33.66	−18 10.2	2.520	3.488	5.7	20.5
8 29	20 27.38	−18 25.2	2.579	3.482	8.6	20.7
9 8	20 22.72	−18 34.6	2.662	3.477	11.2	20.8

48998 1998 QV_{51} 8 1.4 345°.12 0°.9/ 1.1 18

6 30	21 13.25	−20 29.1	1.195	2.102	16.7	17.4
7 10	21 7.96	−20 15.1	1.132	2.095	12.2	17.1
7 20	20 59.74	−20 4.4	1.089	2.089	7.0	16.8
7 30	20 49.60	−19 53.0	1.069	2.083	1.5	16.4
8 9	20 39.06	−19 37.3	1.072	2.078	4.7	16.6
8 19	20 29.70	−19 15.1	1.098	2.074	10.2	16.9
8 29	20 22.88	−18 46.1	1.146	2.072	15.1	17.2
9 8	20 19.41	−18 10.9	1.213	2.070	19.3	17.5

24045 Unruh 8 1.4 278°.87 2°.4/30.8 18

6 30	21 10.49	−21 20.7	1.791	2.684	12.7	19.4
7 10	21 5.39	−22 14.5	1.712	2.669	9.2	19.1
7 20	20 58.09	−23 13.9	1.656	2.653	5.4	18.9
7 30	20 49.28	−24 13.1	1.626	2.637	2.4	18.6
8 9	20 39.96	−25 5.7	1.622	2.621	4.8	18.8
8 19	20 31.25	−25 46.9	1.645	2.605	8.9	19.0
8 29	20 24.23	−26 14.0	1.692	2.589	12.7	19.2
9 8	20 19.68	−26 26.4	1.759	2.573	16.0	19.3

65867 1997 QG_5 8 1.4 336°.14 0°.7/ 1.8 18

6 30	21 10.71	−15 35.8	1.786	2.669	13.3	18.7
7 10	21 5.31	−15 36.8	1.716	2.666	9.7	18.4
7 20	20 57.90	−15 45.0	1.669	2.663	5.7	18.2
7 30	20 49.22	−15 57.9	1.647	2.661	1.4	17.9
8 9	20 40.25	−16 11.9	1.652	2.658	3.3	18.0
8 19	20 32.03	−16 24.3	1.683	2.656	7.5	18.3
8 29	20 25.48	−16 32.7	1.739	2.654	11.4	18.5
9 8	20 21.26	−16 35.5	1.816	2.652	14.7	18.7

98759 2000 YH_{68} 8 1.4 104°.17 1°.4/31.5 18

6 30	21 12.67	−22 42.3	2.450	3.328	10.3	19.4
7 10	21 6.15	−22 44.3	2.390	3.339	7.4	19.2
7 20	20 58.12	−22 46.4	2.355	3.350	4.2	19.1
7 30	20 49.23	−22 45.9	2.349	3.361	1.5	18.9
8 9	20 40.28	−22 40.5	2.371	3.372	3.2	19.0
8 19	20 32.03	−22 29.0	2.422	3.383	6.4	19.3
8 29	20 25.19	−22 11.3	2.500	3.394	9.2	19.5
9 8	20 20.23	−21 47.8	2.600	3.404	11.7	19.6

449952 2015 OL_{76} 8 1.4 27°.32 3°.5/30.5 18

6 30	21 12.46	−27 20.9	1.899	2.791	12.2	20.2
7 10	21 6.44	−27 37.7	1.843	2.797	8.9	20.0
7 20	20 58.45	−27 51.6	1.811	2.803	5.6	19.8
7 30	20 49.30	−27 58.1	1.804	2.810	3.5	19.7
8 9	20 40.05	−27 53.8	1.825	2.817	5.2	19.8
8 19	20 31.71	−27 37.5	1.871	2.825	8.5	20.0
8 29	20 25.18	−27 9.5	1.942	2.832	11.7	20.2
9 8	20 21.02	−26 31.9	2.034	2.840	14.4	20.4

127000 2002 FN_{36} 8 1.4 36°.04 1°.6/31.4 17

6 30	21 9.07	−18 11.0	1.325	2.229	15.5	19.1
7 10	21 4.50	−19 10.8	1.282	2.244	11.1	18.9
7 20	20 57.54	−20 19.1	1.260	2.260	6.2	18.7
7 30	20 49.14	−21 28.4	1.262	2.276	1.8	18.4
8 9	20 40.59	−22 30.9	1.289	2.293	4.7	18.7
8 19	20 33.13	−23 20.9	1.340	2.310	9.4	19.0
8 29	20 27.84	−23 55.2	1.414	2.329	13.5	19.3
9 8	20 25.35	−24 13.6	1.507	2.347	17.0	19.5

256950 2008 EZ_{59} 8 1.4 55°.06 6°.1/ 6.5 16

6 30	21 7.14	+ 1 36.6	1.941	2.762	14.9	20.6
7 10	21 2.43	+ 1 35.5	1.886	2.781	12.1	20.4
7 20	20 56.12	+ 1 14.1	1.852	2.801	9.2	20.3
7 30	20 48.85	+ 0 33.1	1.842	2.820	6.8	20.2
8 9	20 41.47	− 0 24.2	1.857	2.840	6.2	20.2
8 19	20 34.77	− 1 33.1	1.899	2.860	7.8	20.3
8 29	20 29.50	− 2 47.6	1.966	2.880	10.3	20.5
9 8	20 26.16	− 4 1.9	2.055	2.900	12.9	20.7

254214 2004 RU_{91} 8 1.4 270°.51 2°.6/ 3.1 18 R

6 30	21 9.61	− 9 50.7	2.380	3.235	11.4	20.4
7 10	21 4.18	− 9 35.2	2.289	3.219	8.7	20.2
7 20	20 57.16	− 9 28.1	2.222	3.203	5.7	20.0
7 30	20 49.09	− 9 28.9	2.181	3.187	3.0	19.8
8 9	20 40.68	− 9 35.7	2.168	3.170	3.4	19.8
8 19	20 32.71	− 9 46.8	2.184	3.154	6.3	20.0
8 29	20 25.92	− 9 59.6	2.226	3.137	9.5	20.1
9 8	20 20.90	−10 12.0	2.291	3.120	12.3	20.3

382535 2001 TM_{156} 8 1.4 316°.03 1°.7/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.61	−12 20.7	1.456	2.344	15.4	20.6
7 10	21 4.95	−12 34.5	1.384	2.335	11.5	20.4
7 20	20 57.91	−13 1.9	1.333	2.326	7.0	20.1
7 30	20 49.26	−13 39.7	1.305	2.317	2.4	19.8
8 9	20 40.15	−14 23.0	1.302	2.309	3.9	19.8
8 19	20 31.80	−15 6.5	1.325	2.302	8.7	20.1
8 29	20 25.39	−15 45.3	1.370	2.294	13.2	20.4
9 8	20 21.70	−16 16.1	1.435	2.287	17.1	20.6

450117 2015 RB_{109} 8 1.4 358°.60 8°.7/ 8.1 18

6 30	21 4.07	+ 5 58.4	1.749	2.559	16.7	19.8
7 10	21 0.54	+ 6 18.9	1.678	2.556	14.2	19.7
7 20	20 55.22	+ 6 14.5	1.625	2.554	11.6	19.5
7 30	20 48.72	+ 5 43.5	1.594	2.553	9.5	19.4
8 9	20 41.91	+ 4 47.7	1.586	2.553	8.7	19.3
8 19	20 35.70	+ 3 31.6	1.602	2.553	9.8	19.4
8 29	20 30.95	+ 2 2.1	1.641	2.555	12.1	19.5
9 8	20 28.29	+ 0 27.4	1.702	2.557	14.7	19.7

271669 2004 RZ_{59} 8 1.4 341°.41 0°.2/ 1.3 18

6 30	21 7.70	−17 25.2	1.194	2.104	16.4	20.1
7 10	21 4.00	−17 35.7	1.126	2.091	12.0	19.8
7 20	20 57.55	−17 55.7	1.078	2.078	6.9	19.5
7 30	20 49.23	−18 20.8	1.053	2.067	1.3	19.1
8 9	20 40.38	−18 45.3	1.050	2.057	4.4	19.3
8 19	20 32.47	−19 4.3	1.070	2.049	10.0	19.5
8 29	20 26.85	−19 14.3	1.111	2.041	15.0	19.8
9 8	20 24.40	−19 13.7	1.170	2.035	19.2	20.1

255493 2006 AP_{34} 8 1.4 236°.51 6°.0/26.6 18

6 30	21 11.23	−36 22.3	2.623	3.498	9.8	20.7
7 10	21 5.50	−37 34.2	2.558	3.490	7.8	20.5
7 20	20 57.98	−38 39.9	2.518	3.481	6.3	20.4
7 30	20 49.28	−39 33.7	2.506	3.472	6.1	20.4
8 9	20 40.24	−40 11.4	2.520	3.462	7.3	20.4
8 19	20 31.76	−40 30.6	2.560	3.453	9.2	20.5
8 29	20 24.68	−40 31.4	2.624	3.443	11.3	20.7
9 8	20 19.62	−40 15.8	2.707	3.433	13.2	20.8

519780 2013 EA_{158} 8 1.4 65°.02 1°.9/ 3.1 18

6 30	21 6.62	− 9 22.0	2.239	3.100	11.8	21.4
7 10	21 2.02	− 9 52.7	2.169	3.104	8.8	21.2
7 20	20 55.91	−10 34.9	2.123	3.108	5.5	21.0
7 30	20 48.86	−11 26.1	2.103	3.112	2.5	20.9
8 9	20 41.59	−12 22.5	2.111	3.116	2.9	20.9
8 19	20 34.85	−13 19.8	2.147	3.120	6.1	21.1
8 29	20 29.34	−14 14.3	2.209	3.125	9.3	21.3
9 8	20 25.59	−15 2.7	2.295	3.129	12.1	21.5

253350 2003 FG_{77} 8 1.4 120°.27 2°.7/30.7 18

6 30	21 11.76	−25 4.0	2.135	3.023	11.2	20.1
7 10	21 5.84	−25 27.5	2.071	3.023	8.1	20.0
7 20	20 58.12	−25 50.4	2.030	3.024	4.9	19.8
7 30	20 49.30	−26 8.6	2.016	3.024	2.7	19.6
8 9	20 40.28	−26 18.5	2.030	3.025	4.4	19.7
8 19	20 31.99	−26 18.2	2.070	3.026	7.7	19.9
8 29	20 25.26	−26 7.2	2.136	3.026	10.8	20.1
9 8	20 20.66	−25 46.5	2.224	3.027	13.5	20.3

374030 2004 FR_{19} 8 1.4 129°.33 1°.6/ 2.5 17

6 30	21 12.61	−11 35.4	1.767	2.637	14.0	21.8
7 10	21 6.60	−11 58.5	1.707	2.648	10.4	21.6
7 20	20 58.61	−12 33.4	1.670	2.659	6.3	21.4
7 30	20 49.40	−13 16.6	1.658	2.670	2.3	21.2
8 9	20 39.98	−14 3.5	1.674	2.680	3.4	21.3
8 19	20 31.38	−14 49.5	1.717	2.690	7.4	21.6
8 29	20 24.51	−15 30.6	1.785	2.699	11.2	21.8
9 8	20 19.98	−16 4.2	1.874	2.707	14.5	22.0

389447 2010 CL_{181} 8 1.4 242°.50 0°.1/ 1.5 18

6 30	21 10.71	−14 57.0	2.036	2.912	12.2	22.1
7 10	21 5.29	−15 36.6	1.951	2.898	8.9	21.9
7 20	20 57.95	−16 25.5	1.889	2.883	5.2	21.6
7 30	20 49.30	−17 20.1	1.854	2.869	1.1	21.3
8 9	20 40.20	−18 15.5	1.847	2.853	3.2	21.4
8 19	20 31.61	−19 7.1	1.868	2.837	7.2	21.7
8 29	20 24.43	−19 51.1	1.915	2.821	11.0	21.8
9 8	20 19.39	−20 25.4	1.983	2.804	14.2	22.0

295570 2008 SN_{95} 8 1.4 91°.28 3°.7/30.4 17

6 30	21 14.13	−26 11.2	1.734	2.627	13.1	20.8
7 10	21 7.86	−26 46.7	1.679	2.634	9.5	20.6
7 20	20 59.38	−27 20.8	1.647	2.640	5.9	20.4
7 30	20 49.55	−27 47.8	1.641	2.647	3.7	20.2
8 9	20 39.56	−28 2.9	1.661	2.654	5.6	20.4
8 19	20 30.55	−28 3.8	1.707	2.660	9.1	20.6
8 29	20 23.52	−27 50.6	1.777	2.667	12.6	20.8
9 8	20 19.11	−27 25.2	1.867	2.673	15.5	21.0

474130 1995 SA_{41} 8 1.4 223°.97 4°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.82	−29 22.8	2.393	3.277	10.3	21.8
7 10	21 5.86	−30 5.7	2.323	3.271	7.7	21.7
7 20	20 58.15	−30 45.9	2.278	3.264	5.2	21.5
7 30	20 49.32	−31 18.4	2.261	3.258	4.0	21.4
8 9	20 40.23	−31 39.5	2.271	3.251	5.5	21.5
8 19	20 31.76	−31 46.8	2.308	3.244	8.1	21.6
8 29	20 24.73	−31 40.2	2.370	3.236	10.7	21.8
9 8	20 19.74	−31 21.0	2.453	3.229	13.1	22.0

24666 Miesvanrohe 8 1.4 352°.70 1°.0/ 1.9 18

6 30	21 5.46	−14 5.2	1.278	2.182	16.0	18.2
7 10	21 2.14	−14 21.4	1.214	2.174	11.8	17.9
7 20	20 56.38	−14 50.9	1.169	2.167	7.0	17.6
7 30	20 49.00	−15 29.8	1.148	2.161	1.9	17.3
8 9	20 41.21	−16 12.3	1.149	2.157	3.9	17.4
8 19	20 34.29	−16 52.8	1.174	2.155	9.1	17.7
8 29	20 29.43	−17 26.4	1.221	2.153	13.8	18.0
9 8	20 27.40	−17 49.7	1.287	2.153	17.8	18.2

388691 2007 UH_{129} 8 1.4 327°.97 3°.5/30.2 18

6 30	21 9.99	−24 22.4	1.699	2.598	13.0	20.6
7 10	21 5.06	−25 15.9	1.633	2.592	9.4	20.4
7 20	20 57.91	−26 11.4	1.590	2.586	5.8	20.1
7 30	20 49.29	−27 2.7	1.572	2.580	3.5	20.0
8 9	20 40.31	−27 43.5	1.580	2.574	5.7	20.1
8 19	20 32.10	−28 9.8	1.613	2.569	9.4	20.3
8 29	20 25.74	−28 20.1	1.670	2.564	13.0	20.5
9 8	20 21.92	−28 15.2	1.746	2.559	16.2	20.7

91067 1998 FC_{67} 8 1.4 109°.04 5°.8/ 6.0 18

6 30	21 9.00	+ 0 39.0	1.872	2.697	15.2	19.5
7 10	21 3.92	+ 0 24.9	1.807	2.708	12.2	19.3
7 20	20 57.07	− 0 10.4	1.763	2.718	9.1	19.1
7 30	20 49.12	− 1 5.7	1.743	2.728	6.5	19.0
8 9	20 40.94	− 2 17.3	1.749	2.738	5.9	19.0
8 19	20 33.44	− 3 39.5	1.782	2.747	7.9	19.1
8 29	20 27.43	− 5 5.8	1.841	2.757	10.8	19.3
9 8	20 23.51	− 6 29.9	1.922	2.766	13.7	19.5

11915 Nishiinoue 8 1.4 314°.50 3°.4/30.6 18

6 30	21 9.19	−21 17.8	1.206	2.119	16.1	17.7
7 10	21 5.37	−22 21.3	1.131	2.097	11.8	17.4
7 20	20 58.54	−23 34.8	1.076	2.076	6.9	17.1
7 30	20 49.50	−24 49.7	1.044	2.055	3.4	16.8
8 9	20 39.64	−25 56.1	1.035	2.035	6.5	16.9
8 19	20 30.58	−26 46.0	1.049	2.016	11.8	17.1
8 29	20 23.90	−27 15.0	1.083	1.997	16.8	17.4
9 8	20 20.68	−27 22.8	1.134	1.979	21.1	17.6

294199 2007 TA_{422} 8 1.4 282°.26 1°.9/30.9 18

6 30	21 8.97	−19 3.4	1.873	2.763	12.4	20.5
7 10	21 4.25	−20 14.1	1.792	2.748	9.0	20.3
7 20	20 57.46	−21 33.4	1.736	2.733	5.1	20.0
7 30	20 49.24	−22 55.3	1.706	2.718	1.9	19.8
8 9	20 40.52	−24 12.7	1.703	2.703	4.4	19.9
8 19	20 32.33	−25 19.9	1.727	2.688	8.4	20.1
8 29	20 25.68	−26 12.9	1.776	2.673	12.2	20.3
9 8	20 21.33	−26 50.1	1.845	2.658	15.4	20.5

253589 2003 TX_{11} 8 1.4 355°.12 7°.1/29.2 18

6 30	21 10.57	−29 4.8	1.024	1.946	17.4	18.8
7 10	21 6.58	−30 9.0	0.974	1.941	13.1	18.5
7 20	20 59.20	−31 10.0	0.943	1.937	9.0	18.3
7 30	20 49.59	−31 56.6	0.933	1.934	7.1	18.2
8 9	20 39.56	−32 19.6	0.944	1.933	9.6	18.3
8 19	20 30.96	−32 15.1	0.976	1.933	13.8	18.6
8 29	20 25.34	−31 44.8	1.027	1.934	18.2	18.8
9 8	20 23.52	−30 53.4	1.093	1.936	21.9	19.1

216380 2008 BH_{40} 8 1.4 344°.27 2°.4/30.5 18

6 30	21 8.19	−20 44.3	1.885	2.778	12.2	19.8
7 10	21 3.57	−21 59.3	1.819	2.776	8.7	19.6
7 20	20 56.99	−23 20.2	1.777	2.774	5.0	19.4
7 30	20 49.13	−24 40.7	1.762	2.772	2.5	19.2
8 9	20 40.92	−25 54.1	1.774	2.771	4.7	19.4
8 19	20 33.35	−26 55.1	1.812	2.769	8.4	19.6
8 29	20 27.34	−27 40.7	1.875	2.768	11.9	19.8
9 8	20 23.58	−28 10.1	1.959	2.767	14.8	20.0

402348 2005 UZ_{522} 8 1.4 316°.43 1°.6/31.1 18

6 30	21 7.65	−19 3.3	2.082	2.970	11.4	21.2
7 10	21 3.01	−20 7.2	2.011	2.966	8.2	21.0
7 20	20 56.61	−21 17.6	1.965	2.962	4.6	20.7
7 30	20 49.06	−22 29.3	1.946	2.959	1.6	20.5
8 9	20 41.18	−23 36.6	1.955	2.956	3.9	20.7
8 19	20 33.86	−24 34.8	1.991	2.953	7.5	20.9
8 29	20 27.93	−25 20.9	2.052	2.949	10.8	21.1
9 8	20 24.02	−25 53.5	2.135	2.947	13.7	21.3

508973 2004 XD_{10} 8 1.4 251°.97 1°.8/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.76	−20 26.9	2.232	3.112	11.1	22.0
7 10	21 6.04	−21 20.0	2.140	3.091	8.0	21.8
7 20	20 58.41	−22 18.7	2.073	3.068	4.6	21.5
7 30	20 49.44	−23 18.0	2.033	3.045	1.8	21.3
8 9	20 39.95	−24 12.8	2.023	3.022	4.0	21.4
8 19	20 30.88	−24 58.9	2.040	2.997	7.6	21.6
8 29	20 23.15	−25 33.3	2.083	2.972	11.0	21.7
9 8	20 17.47	−25 55.4	2.148	2.947	14.0	21.9

523198 2016 UL_{149} 8 1.4 68°.17 2°.7/ 3.6 18

6 30	21 6.77	− 7 27.8	2.233	3.088	12.0	21.2
7 10	21 2.15	− 7 50.6	2.160	3.089	9.2	21.0
7 20	20 56.02	− 8 26.2	2.111	3.091	6.0	20.8
7 30	20 48.93	− 9 12.4	2.087	3.093	3.2	20.7
8 9	20 41.61	−10 5.9	2.091	3.094	3.3	20.7
8 19	20 34.81	−11 2.5	2.123	3.096	6.2	20.9
8 29	20 29.23	−11 58.1	2.181	3.098	9.4	21.1
9 8	20 25.41	−12 49.2	2.263	3.100	12.2	21.3

58288 1994 CF_{14} 8 1.4 341°.05 7°.8/28.7 18 R

6 30	21 14.70	−34 7.0	1.385	2.286	15.2	17.1
7 10	21 9.05	−34 57.1	1.328	2.279	11.9	16.9
7 20	21 0.40	−35 38.3	1.291	2.272	8.9	16.7
7 30	20 49.83	−36 1.4	1.277	2.266	7.8	16.7
8 9	20 38.92	−36 0.1	1.287	2.260	9.6	16.7
8 19	20 29.26	−35 32.7	1.320	2.255	12.8	16.9
8 29	20 22.24	−34 41.9	1.373	2.251	16.3	17.1
9 8	20 18.61	−33 33.2	1.444	2.248	19.4	17.3

342687 2008 VL_{59} 8 1.4 335°.32 2°.8/ 2.9 18

6 30	21 9.01	−10 13.6	1.521	2.401	15.3	19.9
7 10	21 4.41	−10 12.8	1.450	2.394	11.6	19.6
7 20	20 57.58	−10 26.1	1.400	2.388	7.4	19.4
7 30	20 49.28	−10 51.7	1.373	2.382	3.5	19.1
8 9	20 40.57	−11 25.7	1.372	2.377	4.1	19.1
8 19	20 32.62	−12 3.4	1.395	2.372	8.3	19.4
8 29	20 26.49	−12 40.3	1.442	2.368	12.5	19.6
9 8	20 22.92	−13 12.4	1.510	2.364	16.2	19.8

327787 2006 UF_{196} 8 1.4 32°.79 3°.3/30.7 17

6 30	21 13.22	−23 17.4	1.365	2.268	15.2	20.6
7 10	21 7.69	−24 2.0	1.310	2.271	11.0	20.4
7 20	20 59.51	−24 49.2	1.276	2.274	6.5	20.1
7 30	20 49.65	−25 31.8	1.267	2.277	3.4	19.9
8 9	20 39.49	−26 3.1	1.282	2.281	5.9	20.1
8 19	20 30.46	−26 19.2	1.322	2.285	10.3	20.4
8 29	20 23.75	−26 19.0	1.384	2.289	14.4	20.6
9 8	20 20.11	−26 4.1	1.464	2.293	18.0	20.9

400397 2008 AY_{80} 8 1.4 132°.58 1°.0/ 2.3 14 C

6 30	21 8.34	−11 57.9	2.397	3.261	11.0	22.1
7 10	21 3.17	−12 33.9	2.331	3.270	8.1	21.9
7 20	20 56.55	−13 18.9	2.290	3.279	4.8	21.7
7 30	20 49.04	−14 10.0	2.275	3.288	1.6	21.5
8 9	20 41.35	−15 3.3	2.290	3.296	2.6	21.6
8 19	20 34.19	−15 55.1	2.333	3.304	5.9	21.8
8 29	20 28.24	−16 42.2	2.403	3.312	8.9	22.0
9 8	20 23.99	−17 22.3	2.496	3.319	11.6	22.2

209515 2004 RP_{195} 8 1.4 311°.11 6°.0/30.2 17

6 30	21 15.84	−28 44.4	1.139	2.050	17.0	19.8
7 10	21 10.48	−29 15.0	1.068	2.030	12.8	19.5
7 20	21 1.57	−29 42.1	1.016	2.010	8.5	19.2
7 30	20 50.13	−29 56.3	0.986	1.991	6.0	19.0
8 9	20 37.92	−29 49.7	0.979	1.972	8.4	19.1
8 19	20 26.90	−29 19.3	0.993	1.954	13.2	19.3
8 29	20 18.83	−28 26.9	1.028	1.936	18.0	19.5
9 8	20 14.73	−27 17.8	1.079	1.920	22.2	19.8

396086 2013 CO_{100} 8 1.4 68°.30 1°.3/ 2.4 17

6 30	21 8.07	−12 1.5	2.078	2.949	12.2	21.1
7 10	21 3.12	−12 28.0	2.019	2.961	8.9	20.9
7 20	20 56.57	−13 4.4	1.983	2.973	5.4	20.7
7 30	20 49.05	−13 47.6	1.973	2.985	1.9	20.5
8 9	20 41.36	−14 33.6	1.991	2.997	2.9	20.6
8 19	20 34.33	−15 18.6	2.036	3.009	6.4	20.8
8 29	20 28.68	−15 59.1	2.107	3.021	9.7	21.1
9 8	20 24.93	−16 32.9	2.201	3.034	12.6	21.3

195233 2002 EK_{10} 8 1.4 217°.75 7°.1/ 7.7 18

6 30	21 8.90	+ 6 19.1	2.180	2.964	14.6	21.1
7 10	21 3.82	+ 6 5.0	2.091	2.956	12.3	20.9
7 20	20 57.06	+ 5 27.9	2.023	2.948	9.9	20.7
7 30	20 49.17	+ 4 27.5	1.979	2.940	7.8	20.6
8 9	20 40.92	+ 3 6.1	1.961	2.931	7.1	20.5
8 19	20 33.11	+ 1 28.5	1.971	2.922	8.3	20.6
8 29	20 26.55	− 0 18.6	2.007	2.912	10.6	20.7
9 8	20 21.87	− 2 7.9	2.067	2.901	13.2	20.9

518055 2015 XC_{201} 8 1.4 302°.48 3°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.17	−25 37.7	2.397	3.286	10.1	21.2
7 10	21 3.26	−26 19.8	2.321	3.275	7.4	21.0
7 20	20 56.70	−27 2.2	2.271	3.264	4.6	20.8
7 30	20 49.09	−27 40.5	2.247	3.253	3.0	20.7
8 9	20 41.19	−28 10.7	2.251	3.242	4.6	20.8
8 19	20 33.81	−28 30.2	2.283	3.232	7.4	21.0
8 29	20 27.72	−28 37.7	2.339	3.221	10.3	21.1
9 8	20 23.50	−28 33.6	2.417	3.211	12.8	21.3

399828 2005 TE_{94} 8 1.4 215°.11 6°.6/ 6.8 18

6 30	21 7.17	+ 3 58.8	2.393	3.188	13.2	21.4
7 10	21 2.40	+ 4 16.8	2.313	3.185	11.0	21.2
7 20	20 56.17	+ 4 17.3	2.253	3.182	8.8	21.1
7 30	20 49.00	+ 3 59.5	2.218	3.179	7.1	21.0
8 9	20 41.57	+ 3 24.7	2.209	3.176	6.6	20.9
8 19	20 34.58	+ 2 35.6	2.227	3.173	7.7	21.0
8 29	20 28.73	+ 1 36.6	2.270	3.170	9.8	21.1
9 8	20 24.53	+ 0 32.7	2.336	3.166	12.0	21.3

462577 2009 EZ_{2} 8 1.4 102°.30 14°.8/15.2 17

6 30	21 12.52	+21 47.4	1.705	2.395	21.3	21.5
7 10	21 6.69	+22 49.3	1.655	2.415	19.5	21.4
7 20	20 58.75	+23 16.0	1.619	2.434	17.6	21.3
7 30	20 49.51	+23 2.8	1.600	2.453	16.0	21.2
8 9	20 40.05	+22 9.6	1.600	2.471	15.0	21.2
8 19	20 31.46	+20 40.6	1.620	2.489	14.9	21.3
8 29	20 24.72	+18 44.0	1.662	2.506	15.6	21.4
9 8	20 20.47	+16 31.1	1.723	2.523	16.9	21.5

364126 2006 BH_{93} 8 1.4 250°.42 2°.5/31.4 17

6 30	21 16.60	−22 23.1	1.382	2.279	15.5	21.0
7 10	21 10.28	−22 45.6	1.313	2.271	11.3	20.8
7 20	21 1.11	−23 11.1	1.266	2.264	6.6	20.5
7 30	20 50.02	−23 33.4	1.243	2.256	2.6	20.2
8 9	20 38.45	−23 46.6	1.246	2.247	5.3	20.4
8 19	20 27.92	−23 47.3	1.273	2.239	10.2	20.6
8 29	20 19.79	−23 34.7	1.322	2.230	14.8	20.9
9 8	20 14.90	−23 10.3	1.391	2.222	18.7	21.1

106136 2000 TH_{42} 8 1.4 271°.29 5°.0/28.7 18

6 30	21 11.33	−30 40.8	2.128	3.016	11.2	19.2
7 10	21 5.78	−31 39.0	2.061	3.009	8.4	19.0
7 20	20 58.24	−32 34.0	2.019	3.002	6.0	18.9
7 30	20 49.42	−33 19.5	2.003	2.995	5.0	18.8
8 9	20 40.28	−33 50.8	2.014	2.988	6.6	18.9
8 19	20 31.82	−34 5.0	2.051	2.981	9.3	19.0
8 29	20 24.97	−34 2.0	2.111	2.973	12.0	19.2
9 8	20 20.40	−33 43.5	2.192	2.966	14.5	19.4

307132 2002 CC_{163} 8 1.4 89°.70 2°.8/30.4 16

6 30	21 11.39	−25 16.9	2.281	3.166	10.7	21.1
7 10	21 5.41	−25 57.0	2.233	3.185	7.7	20.9
7 20	20 57.82	−26 36.3	2.211	3.203	4.7	20.8
7 30	20 49.31	−27 10.3	2.215	3.222	2.8	20.7
8 9	20 40.72	−27 35.4	2.248	3.240	4.4	20.8
8 19	20 32.88	−27 49.6	2.308	3.258	7.3	21.0
8 29	20 26.53	−27 52.3	2.393	3.276	10.1	21.2
9 8	20 22.15	−27 44.2	2.501	3.293	12.4	21.4

387335 2012 VY_{98} 8 1.4 303°.86 2°.8/ 3.1 18

6 30	21 10.26	−10 0.7	1.789	2.657	13.9	20.5
7 10	21 5.03	− 9 53.8	1.716	2.654	10.5	20.3
7 20	20 57.82	− 9 58.8	1.664	2.650	6.8	20.0
7 30	20 49.34	−10 14.1	1.638	2.646	3.3	19.8
8 9	20 40.54	−10 37.0	1.639	2.643	3.9	19.8
8 19	20 32.41	−11 3.9	1.665	2.639	7.5	20.1
8 29	20 25.89	−11 31.2	1.717	2.636	11.3	20.3
9 8	20 21.63	−11 55.7	1.790	2.633	14.6	20.5

18715 1998 HE_{121} 8 1.4 274°.66 4°.0/29.2 18

6 30	21 9.55	−26 45.2	2.140	3.031	11.0	17.4
7 10	21 4.47	−27 53.5	2.070	3.024	8.1	17.3
7 20	20 57.50	−29 2.2	2.026	3.016	5.3	17.1
7 30	20 49.28	−30 5.2	2.007	3.008	4.0	17.0
8 9	20 40.71	−30 57.1	2.017	3.000	5.7	17.1
8 19	20 32.71	−31 34.2	2.052	2.993	8.7	17.2
8 29	20 26.21	−31 54.9	2.112	2.985	11.6	17.4
9 8	20 21.84	−32 0.0	2.193	2.977	14.2	17.6

52026 2002 OA_{24} 8 1.4 177°.99 3°.7/ 3.5 18

6 30	21 11.35	− 7 52.7	2.024	2.877	13.2	18.4
7 10	21 5.57	− 7 27.3	1.951	2.877	10.1	18.2
7 20	20 58.03	− 7 13.0	1.900	2.877	6.9	18.0
7 30	20 49.38	− 7 9.5	1.876	2.877	4.1	17.8
8 9	20 40.47	− 7 15.2	1.879	2.877	4.3	17.8
8 19	20 32.20	− 7 27.7	1.909	2.877	7.2	18.0
8 29	20 25.38	− 7 44.1	1.964	2.877	10.4	18.2
9 8	20 20.62	− 8 1.3	2.042	2.877	13.4	18.4

211775 2004 BE_{113} 8 1.4 302°.67 0°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.53	−14 26.9	1.776	2.660	13.3	20.5
7 10	21 3.91	−15 0.3	1.699	2.649	9.7	20.3
7 20	20 57.26	−15 44.4	1.643	2.638	5.7	20.0
7 30	20 49.25	−16 35.3	1.614	2.628	1.3	19.7
8 9	20 40.83	−17 28.0	1.610	2.617	3.3	19.9
8 19	20 33.00	−18 17.4	1.633	2.607	7.7	20.1
8 29	20 26.76	−18 59.5	1.681	2.597	11.7	20.3
9 8	20 22.82	−19 31.7	1.750	2.587	15.2	20.5

56934 2000 RE_{41} 8 1.4 67°.11 4°.0/ 4.1 18

6 30	21 8.81	− 5 39.1	2.114	2.960	12.9	18.7
7 10	21 3.68	− 5 25.0	2.042	2.962	10.1	18.6
7 20	20 56.93	− 5 23.8	1.993	2.965	7.0	18.4
7 30	20 49.16	− 5 35.1	1.969	2.967	4.5	18.2
8 9	20 41.16	− 5 56.8	1.973	2.969	4.4	18.2
8 19	20 33.74	− 6 25.9	2.003	2.971	6.9	18.4
8 29	20 27.66	− 6 58.9	2.059	2.973	9.9	18.6
9 8	20 23.46	− 7 32.3	2.137	2.976	12.7	18.8

81076 2000 EQ_{86} 8 1.4 88°.38 3°.9/30.8 17

6 30	21 19.68	−27 24.0	1.564	2.454	14.4	19.5
7 10	21 11.88	−27 39.7	1.519	2.471	10.5	19.3
7 20	21 1.65	−27 51.2	1.496	2.489	6.5	19.2
7 30	20 50.08	−27 53.0	1.499	2.506	4.0	19.0
8 9	20 38.55	−27 41.4	1.529	2.523	5.8	19.2
8 19	20 28.38	−27 15.8	1.584	2.539	9.6	19.5
8 29	20 20.60	−26 38.0	1.664	2.556	13.2	19.7
9 8	20 15.78	−25 50.9	1.763	2.572	16.2	20.0

261745 2006 BO_{9} 8 1.5 307°.84 1°.8/ 2.9 18

6 30	21 6.06	− 8 49.0	1.991	2.858	12.8	20.0
7 10	21 2.04	− 9 43.3	1.896	2.835	9.7	19.8
7 20	20 56.20	−10 54.2	1.825	2.812	6.1	19.5
7 30	20 49.07	−12 18.6	1.779	2.789	2.5	19.2
8 9	20 41.44	−13 51.0	1.761	2.767	3.2	19.3
8 19	20 34.19	−15 25.0	1.770	2.745	7.1	19.5
8 29	20 28.22	−16 54.4	1.805	2.723	10.9	19.6
9 8	20 24.26	−18 14.2	1.864	2.702	14.3	19.8

286978 2002 QR_{26} 8 1.5 36°.15 1°.6/31.8 17

6 30	21 14.05	−20 37.5	1.249	2.153	16.3	20.3
7 10	21 8.35	−20 51.9	1.198	2.160	11.8	20.1
7 20	20 59.91	−21 10.8	1.168	2.167	6.7	19.8
7 30	20 49.79	−21 28.7	1.160	2.174	1.9	19.5
8 9	20 39.48	−21 40.1	1.178	2.182	4.8	19.8
8 19	20 30.42	−21 42.0	1.219	2.191	9.9	20.1
8 29	20 23.85	−21 33.2	1.282	2.200	14.4	20.4
9 8	20 20.45	−21 14.4	1.364	2.209	18.2	20.6

470818 2008 WV_{12} 8 1.5 290°.84 3°.7/30.0 18

6 30	21 11.89	−24 23.5	1.720	2.616	13.0	21.4
7 10	21 6.74	−25 22.8	1.632	2.588	9.6	21.2
7 20	20 59.12	−26 26.2	1.566	2.561	5.9	20.9
7 30	20 49.69	−27 26.8	1.526	2.533	3.7	20.7
8 9	20 39.55	−28 17.6	1.512	2.504	6.0	20.8
8 19	20 29.95	−28 53.2	1.523	2.476	10.0	20.9
8 29	20 22.13	−29 11.0	1.558	2.448	14.0	21.1
9 8	20 17.03	−29 11.4	1.612	2.419	17.5	21.3

168167 2006 HU_{63} 8 1.5 358°.26 2°.0/ 2.7 18

6 30	21 8.25	−11 22.5	1.526	2.410	15.0	19.8
7 10	21 3.84	−11 36.5	1.460	2.409	11.2	19.5
7 20	20 57.26	−12 4.3	1.416	2.407	6.9	19.3
7 30	20 49.28	−12 42.9	1.395	2.407	2.7	19.0
8 9	20 40.96	−13 27.5	1.400	2.406	3.7	19.1
8 19	20 33.43	−14 13.0	1.429	2.407	8.1	19.4
8 29	20 27.70	−14 54.6	1.482	2.408	12.3	19.6
9 8	20 24.48	−15 28.9	1.556	2.409	15.9	19.8

434225 2003 SQ_{201} 8 1.5 326°.98 6°.6/ 4.9 18

6 30	21 5.20	− 3 14.0	1.344	2.214	17.6	20.2
7 10	21 2.09	− 2 51.7	1.256	2.187	14.2	19.9
7 20	20 56.54	− 2 51.4	1.187	2.160	10.5	19.6
7 30	20 49.19	− 3 14.8	1.139	2.135	7.3	19.4
8 9	20 41.12	− 4 0.2	1.114	2.110	7.0	19.3
8 19	20 33.58	− 5 2.7	1.111	2.087	10.1	19.4
8 29	20 27.87	− 6 15.1	1.130	2.065	14.4	19.6
9 8	20 24.96	− 7 28.8	1.168	2.044	18.5	19.7

94193 2001 BN_{7} 8 1.5 126°.07 1°.6/31.4 18

6 30	21 10.52	−22 7.6	2.313	3.196	10.6	19.5
7 10	21 4.86	−22 27.2	2.247	3.198	7.6	19.3
7 20	20 57.58	−22 48.3	2.205	3.201	4.4	19.1
7 30	20 49.33	−23 7.3	2.191	3.203	1.7	18.9
8 9	20 40.90	−23 21.2	2.205	3.206	3.5	19.1
8 19	20 33.10	−23 27.9	2.246	3.208	6.8	19.3
8 29	20 26.68	−23 26.4	2.314	3.210	9.8	19.5
9 8	20 22.17	−23 16.8	2.404	3.212	12.4	19.7

117963 7596 $P–L$ 8 1.5 327°.01 7°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.11	−28 48.1	0.997	1.922	17.6	18.6
7 10	21 6.69	−29 45.2	0.929	1.898	13.4	18.3
7 20	20 59.61	−30 41.6	0.880	1.875	9.2	18.0
7 30	20 49.85	−31 25.8	0.850	1.853	7.2	17.8
8 9	20 39.17	−31 47.0	0.841	1.833	9.8	17.9
8 19	20 29.63	−31 39.5	0.852	1.813	14.7	18.1
8 29	20 23.13	−31 3.5	0.881	1.796	19.6	18.3
9 8	20 20.80	−30 3.9	0.925	1.780	24.0	18.5

153411 2001 QX_{142} 8 1.5 346°.72 7°.2/ 6.6 17

6 30	20 57.36	+ 0 19.3	0.961	1.849	21.4	17.9
7 10	20 56.82	− 0 9.2	0.891	1.831	17.5	17.6
7 20	20 53.66	− 1 18.4	0.837	1.814	13.0	17.3
7 30	20 48.62	− 3 9.0	0.801	1.800	8.7	17.0
8 9	20 42.94	− 5 33.9	0.786	1.788	7.4	16.9
8 19	20 38.07	− 8 18.9	0.791	1.778	10.7	17.0
8 29	20 35.45	−11 6.2	0.816	1.771	15.7	17.3
9 8	20 36.07	−13 39.2	0.860	1.767	20.5	17.5

176760 2002 RX_{148} 8 1.5 20°.59 4°.4/ 3.4 18

6 30	21 10.59	− 9 0.7	1.157	2.046	18.4	19.4
7 10	21 5.92	− 8 33.6	1.104	2.051	14.1	19.2
7 20	20 58.58	− 8 24.3	1.070	2.057	9.3	18.9
7 30	20 49.56	− 8 31.7	1.057	2.064	5.1	18.7
8 9	20 40.26	− 8 52.4	1.067	2.071	5.5	18.8
8 19	20 32.10	− 9 21.2	1.101	2.080	9.7	19.0
8 29	20 26.29	− 9 52.8	1.155	2.089	14.3	19.3
9 8	20 23.56	−10 21.8	1.229	2.099	18.2	19.6

260288 2004 TE_{58} 8 1.5 276°.83 3°.6/29.9 18

6 30	21 10.89	−27 47.2	2.301	3.188	10.5	20.7
7 10	21 5.31	−28 23.3	2.226	3.177	7.8	20.5
7 20	20 57.95	−28 57.8	2.176	3.166	5.0	20.3
7 30	20 49.44	−29 26.0	2.152	3.154	3.6	20.2
8 9	20 40.63	−29 43.9	2.156	3.143	5.1	20.3
8 19	20 32.41	−29 49.4	2.187	3.132	8.0	20.4
8 29	20 25.63	−29 41.9	2.243	3.120	10.8	20.6
9 8	20 20.89	−29 22.4	2.320	3.109	13.4	20.8

126558 2002 CD_{104} 8 1.5 12°.17 2°.5/ 3.5 18

6 30	21 6.64	− 7 55.3	2.089	2.949	12.5	19.0
7 10	21 2.21	− 8 23.5	2.017	2.950	9.5	18.8
7 20	20 56.16	− 9 5.4	1.968	2.951	6.2	18.6
7 30	20 49.08	− 9 58.3	1.945	2.952	3.1	18.4
8 9	20 41.75	−10 58.4	1.948	2.953	3.3	18.4
8 19	20 34.96	−12 0.9	1.980	2.954	6.5	18.6
8 29	20 29.47	−13 1.5	2.037	2.956	9.8	18.8
9 8	20 25.84	−13 56.3	2.117	2.957	12.8	19.0

267746 2003 GH_{36} 8 1.5 51°.61 2°.4/30.8 17

6 30	21 10.86	−18 5.3	1.326	2.227	15.7	18.9
7 10	21 5.85	−19 46.9	1.290	2.251	11.1	18.7
7 20	20 58.40	−21 37.0	1.277	2.276	6.2	18.5
7 30	20 49.52	−23 25.4	1.288	2.301	2.5	18.3
8 9	20 40.52	−25 2.1	1.326	2.326	5.4	18.6
8 19	20 32.68	−26 20.2	1.388	2.351	9.8	18.9
8 29	20 27.05	−27 16.4	1.473	2.377	13.8	19.2
9 8	20 24.27	−27 51.2	1.577	2.403	17.1	19.5

129652 1998 OA_{4} 8 1.5 0°.70 1°.7/ 2.5 18

6 30	21 9.78	−12 10.9	1.696	2.574	14.1	19.8
7 10	21 4.78	−12 22.5	1.628	2.574	10.5	19.6
7 20	20 57.75	−12 45.5	1.582	2.574	6.4	19.3
7 30	20 49.41	−13 17.3	1.562	2.574	2.3	19.1
8 9	20 40.78	−13 53.6	1.567	2.574	3.4	19.2
8 19	20 32.87	−14 30.3	1.599	2.574	7.6	19.4
8 29	20 26.66	−15 3.4	1.654	2.575	11.6	19.7
9 8	20 22.80	−15 30.1	1.732	2.575	15.0	19.9

468059 2013 SN_{15} 8 1.5 352°.34 0°.8/ 1.2 17

6 30	21 6.88	−18 15.5	0.981	1.903	18.0	21.3
7 10	21 3.82	−18 27.5	0.924	1.894	13.2	21.0
7 20	20 57.67	−18 49.5	0.885	1.887	7.6	20.7
7 30	20 49.44	−19 15.9	0.867	1.881	1.6	20.3
8 9	20 40.73	−19 40.0	0.870	1.877	5.0	20.5
8 19	20 33.20	−19 56.3	0.894	1.875	10.9	20.8
8 29	20 28.32	−20 1.3	0.937	1.875	16.3	21.1
9 8	20 26.96	−19 54.0	0.997	1.876	20.8	21.4

418285 2008 EC_{137} 8 1.5 180°.63 0°.5/ 1.2 17

6 30	21 13.39	−16 55.2	1.806	2.686	13.2	22.5
7 10	21 7.35	−17 31.6	1.737	2.688	9.6	22.3
7 20	20 59.21	−18 15.5	1.693	2.688	5.5	22.0
7 30	20 49.72	−19 2.6	1.674	2.688	1.1	21.7
8 9	20 39.90	−19 47.5	1.683	2.688	3.6	21.9
8 19	20 30.83	−20 25.9	1.719	2.687	7.8	22.2
8 29	20 23.49	−20 55.0	1.780	2.686	11.7	22.4
9 8	20 18.57	−21 13.5	1.862	2.684	15.0	22.6

510117 2010 TU_{17} 8 1.5 300°.26 3°.3/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.94	− 8 48.0	2.068	2.926	12.7	20.8
7 10	21 4.62	− 8 26.5	1.989	2.920	9.8	20.6
7 20	20 57.57	− 8 15.4	1.933	2.913	6.5	20.3
7 30	20 49.39	− 8 14.2	1.903	2.907	3.7	20.2
8 9	20 40.93	− 8 21.0	1.900	2.901	4.0	20.2
8 19	20 33.02	− 8 33.7	1.924	2.895	7.0	20.3
8 29	20 26.50	− 8 49.5	1.974	2.889	10.3	20.5
9 8	20 21.95	− 9 5.4	2.046	2.883	13.2	20.7

205176 2000 BV_{21} 8 1.5 206°.07 0°.4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.49	−18 25.9	2.277	3.151	11.1	21.4
7 10	21 6.36	−18 38.2	2.200	3.147	8.0	21.2
7 20	20 58.51	−18 54.4	2.147	3.142	4.6	20.9
7 30	20 49.58	−19 11.7	2.123	3.137	0.9	20.7
8 9	20 40.39	−19 26.9	2.126	3.131	3.0	20.8
8 19	20 31.78	−19 37.7	2.158	3.125	6.6	21.0
8 29	20 24.56	−19 42.5	2.217	3.119	9.9	21.2
9 8	20 19.31	−19 40.8	2.298	3.112	12.8	21.4

209300 2003 YN_{120} 8 1.5 208°.72 4°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.69	−28 46.8	2.342	3.225	10.5	21.0
7 10	21 6.61	−29 40.0	2.273	3.220	7.8	20.8
7 20	20 58.71	−30 31.2	2.228	3.214	5.2	20.6
7 30	20 49.63	−31 15.1	2.211	3.208	4.1	20.5
8 9	20 40.24	−31 47.1	2.222	3.202	5.6	20.6
8 19	20 31.47	−32 4.8	2.260	3.195	8.3	20.8
8 29	20 24.16	−32 7.5	2.323	3.188	11.0	20.9
9 8	20 18.95	−31 56.5	2.407	3.180	13.4	21.1

181976 1999 VK_{45} 8 1.5 287°.07 0°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.83	−17 10.1	1.449	2.342	15.2	20.1
7 10	21 7.58	−17 26.1	1.367	2.323	11.2	19.8
7 20	20 59.67	−17 50.9	1.307	2.304	6.5	19.5
7 30	20 49.87	−18 20.2	1.271	2.286	1.3	19.1
8 9	20 39.42	−18 48.8	1.260	2.267	4.1	19.3
8 19	20 29.69	−19 12.0	1.274	2.248	9.4	19.5
8 29	20 22.01	−19 26.5	1.311	2.229	14.1	19.7
9 8	20 17.30	−19 31.0	1.368	2.211	18.3	19.9

282420 2003 UB_{251} 8 1.5 336°.81 20°.9/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.58	+24 9.6	1.425	2.131	24.3	19.7
7 10	21 1.74	+26 32.3	1.354	2.109	23.2	19.6
7 20	20 56.43	+28 21.3	1.294	2.089	22.2	19.4
7 30	20 49.24	+29 26.5	1.248	2.070	21.4	19.3
8 9	20 41.25	+29 41.4	1.216	2.052	20.9	19.2
8 19	20 33.75	+29 3.9	1.199	2.036	21.0	19.2
8 29	20 28.10	+27 38.0	1.196	2.021	21.6	19.2
9 8	20 25.35	+25 33.5	1.207	2.008	22.6	19.2

522646 2016 GZ_{261} 8 1.5 179°.46 3°.0/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.61	− 8 55.7	1.511	2.381	15.9	21.7
7 10	21 7.06	− 9 8.7	1.443	2.382	12.1	21.5
7 20	20 59.17	− 9 38.0	1.397	2.383	7.7	21.3
7 30	20 49.75	−10 21.0	1.374	2.383	3.7	21.0
8 9	20 39.94	−11 12.9	1.378	2.383	4.2	21.1
8 19	20 30.95	−12 7.9	1.407	2.382	8.4	21.3
8 29	20 23.90	−13 0.5	1.460	2.382	12.7	21.6
9 8	20 19.53	−13 46.4	1.534	2.381	16.4	21.8

479707 2014 DR_{119} 8 1.5 153°.29 0°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.55	−13 56.0	1.985	2.861	12.4	21.6
7 10	21 4.40	−14 26.1	1.917	2.863	9.1	21.4
7 20	20 57.46	−15 5.5	1.871	2.864	5.3	21.2
7 30	20 49.39	−15 50.7	1.852	2.866	1.4	20.9
8 9	20 41.05	−16 37.4	1.861	2.867	3.0	21.0
8 19	20 33.34	−17 21.3	1.896	2.868	6.9	21.3
8 29	20 27.10	−17 59.2	1.957	2.870	10.5	21.5
9 8	20 22.93	−18 28.8	2.041	2.871	13.6	21.7

188154 2002 GB_{41} 8 1.5 83°.31 0°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.28	−18 2.0	2.236	3.117	11.1	20.8
7 10	21 3.97	−18 28.6	2.177	3.127	7.9	20.6
7 20	20 57.11	−19 0.0	2.142	3.138	4.5	20.4
7 30	20 49.30	−19 32.6	2.135	3.149	0.9	20.2
8 9	20 41.35	−20 2.9	2.155	3.160	3.0	20.4
8 19	20 34.04	−20 28.1	2.203	3.170	6.4	20.6
8 29	20 28.09	−20 46.2	2.276	3.181	9.6	20.8
9 8	20 24.01	−20 56.5	2.373	3.191	12.3	21.0

344158 2000 WV_{66} 8 1.5 254°.14 11°.1/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.11	+ 9 45.2	1.889	2.656	17.1	20.1
7 10	21 6.42	+11 10.7	1.814	2.652	15.1	19.9
7 20	20 58.73	+12 14.2	1.757	2.647	13.1	19.8
7 30	20 49.68	+12 51.0	1.723	2.642	11.6	19.7
8 9	20 40.19	+12 59.4	1.711	2.637	11.1	19.7
8 19	20 31.25	+12 40.7	1.723	2.632	12.0	19.7
8 29	20 23.82	+11 59.3	1.757	2.627	13.7	19.8
9 8	20 18.64	+11 2.2	1.811	2.622	15.8	19.9

202607 2006 HC_{39} 8 1.5 159°.53 0°.9/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.04	−13 9.0	1.911	2.786	12.9	20.3
7 10	21 4.82	−13 39.2	1.842	2.788	9.5	20.1
7 20	20 57.74	−14 19.8	1.797	2.789	5.6	19.9
7 30	20 49.47	−15 7.2	1.778	2.791	1.6	19.6
8 9	20 40.92	−15 56.7	1.786	2.792	3.1	19.7
8 19	20 33.03	−16 44.1	1.821	2.793	7.1	20.0
8 29	20 26.66	−17 25.6	1.881	2.795	10.8	20.2
9 8	20 22.44	−17 58.8	1.963	2.795	13.9	20.4

239340 2007 RD_{104} 8 1.5 338°.12 0°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.94	−14 40.0	1.635	2.523	14.0	20.6
7 10	21 4.33	−15 12.6	1.566	2.519	10.3	20.3
7 20	20 57.59	−15 56.0	1.519	2.515	6.0	20.1
7 30	20 49.45	−16 46.1	1.497	2.512	1.3	19.8
8 9	20 40.96	−17 37.4	1.501	2.508	3.5	19.9
8 19	20 33.18	−18 24.7	1.531	2.505	8.0	20.2
8 29	20 27.14	−19 4.0	1.585	2.503	12.1	20.4
9 8	20 23.54	−19 32.8	1.659	2.501	15.6	20.6

155824 2000 WP_{158} 8 1.5 247°.51 2°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.20	−24 23.2	2.894	3.772	8.9	21.5
7 10	21 4.62	−25 14.7	2.803	3.751	6.5	21.3
7 20	20 57.54	−26 7.9	2.737	3.729	4.0	21.1
7 30	20 49.44	−26 58.6	2.700	3.706	2.4	21.0
8 9	20 40.97	−27 43.0	2.692	3.683	3.9	21.0
8 19	20 32.82	−28 18.3	2.714	3.659	6.6	21.2
8 29	20 25.71	−28 42.7	2.762	3.635	9.2	21.3
9 8	20 20.20	−28 55.9	2.833	3.610	11.5	21.5

442597 2012 DN_{7} 8 1.5 251°.74 0°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.62	−15 8.5	2.500	3.372	10.3	21.1
7 10	21 2.82	−15 49.7	2.415	3.360	7.5	20.9
7 20	20 56.52	−16 38.5	2.355	3.349	4.3	20.7
7 30	20 49.23	−17 31.6	2.322	3.336	0.9	20.4
8 9	20 41.62	−18 25.2	2.318	3.324	2.6	20.5
8 19	20 34.42	−19 15.6	2.343	3.311	6.0	20.7
8 29	20 28.32	−19 59.7	2.394	3.299	9.2	20.9
9 8	20 23.89	−20 35.6	2.469	3.286	11.9	21.1

439688 2014 JN_{59} 8 1.5 240°.06 6°.6/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.94	+ 3 34.3	2.287	3.086	13.6	21.3
7 10	21 3.11	+ 3 48.8	2.201	3.077	11.4	21.2
7 20	20 56.72	+ 3 45.0	2.136	3.068	9.0	21.0
7 30	20 49.28	+ 3 22.2	2.094	3.059	7.2	20.9
8 9	20 41.52	+ 2 41.6	2.079	3.050	6.7	20.8
8 19	20 34.17	+ 1 46.3	2.090	3.040	7.9	20.9
8 29	20 28.00	+ 0 40.9	2.127	3.030	10.2	21.0
9 8	20 23.58	− 0 29.2	2.187	3.020	12.6	21.1

347019 2010 EL_{12} 8 1.5 114°.05 3°.0/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.97	−25 40.2	2.053	2.937	11.7	21.5
7 10	21 8.19	−26 10.9	2.002	2.952	8.5	21.3
7 20	20 59.55	−26 40.3	1.974	2.967	5.2	21.2
7 30	20 49.83	−27 3.6	1.974	2.981	3.1	21.1
8 9	20 40.03	−27 17.0	2.002	2.995	4.8	21.2
8 19	20 31.11	−27 18.7	2.057	3.009	7.9	21.4
8 29	20 23.92	−27 8.7	2.137	3.022	11.0	21.6
9 8	20 19.00	−26 48.4	2.239	3.035	13.6	21.8

254157 2004 PT_{92} 8 1.5 346°.30 2°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.53	−10 38.5	1.991	2.861	12.7	20.1
7 10	21 2.96	−10 47.2	1.918	2.858	9.5	19.9
7 20	20 56.67	−11 7.1	1.868	2.855	6.0	19.7
7 30	20 49.27	−11 35.9	1.843	2.853	2.6	19.5
8 9	20 41.61	−12 10.5	1.845	2.850	3.2	19.5
8 19	20 34.52	−12 47.2	1.873	2.848	6.7	19.7
8 29	20 28.82	−13 22.3	1.927	2.847	10.2	20.0
9 8	20 25.10	−13 53.0	2.004	2.845	13.3	20.2

497448 2005 YL_{22} 8 1.5 274°.66 1°.6/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.21	−14 15.6	1.343	2.231	16.5	21.9
7 10	21 9.51	−14 8.0	1.261	2.212	12.3	21.6
7 20	21 0.90	−14 11.1	1.199	2.193	7.5	21.2
7 30	20 50.20	−14 22.2	1.160	2.173	2.4	20.9
8 9	20 38.73	−14 37.3	1.146	2.153	4.3	20.9
8 19	20 28.01	−14 52.5	1.157	2.133	9.7	21.2
8 29	20 19.51	−15 4.2	1.190	2.113	14.9	21.4
9 8	20 14.22	−15 10.1	1.243	2.093	19.3	21.7

494676 2002 VD_{111} 8 1.5 282°.15 6°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.35	− 1 51.6	2.007	2.837	14.1	21.0
7 10	21 5.12	− 1 12.3	1.914	2.818	11.5	20.8
7 20	20 58.00	− 0 47.8	1.844	2.800	8.7	20.6
7 30	20 49.57	− 0 39.4	1.798	2.781	6.5	20.4
8 9	20 40.67	− 0 46.7	1.778	2.762	6.3	20.3
8 19	20 32.21	− 1 7.8	1.784	2.742	8.4	20.4
8 29	20 25.10	− 1 38.9	1.814	2.723	11.4	20.6
9 8	20 20.04	− 2 15.5	1.867	2.704	14.3	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
163987 2003 UK_{138}			8 1.5 344.°47	0.°6/ 1.1 18		
	h m	° ′			°	m
6 30	21 9.28	−16 54.4	1.634	2.526	13.8	19.8
7 10	21 4.59	−17 34.4	1.567	2.523	10.0	19.5
7 20	20 57.76	−18 23.4	1.523	2.520	5.7	19.3
7 30	20 49.52	−19 16.4	1.503	2.518	1.2	19.0
8 9	20 40.92	−20 7.6	1.510	2.516	3.8	19.2
8 19	20 33.07	−20 51.8	1.542	2.514	8.3	19.4
8 29	20 26.99	−21 25.7	1.599	2.512	12.3	19.7
9 8	20 23.38	−21 47.6	1.675	2.511	15.8	19.9
425653 2010 WB_{54}			8 1.5 182.°30	1.°7/31.4 17		
6 30	21 14.79	−20 41.0	1.908	2.790	12.6	22.5
7 10	21 8.33	−21 17.4	1.840	2.791	9.1	22.3
7 20	20 59.79	−21 57.5	1.796	2.792	5.2	22.0
7 30	20 49.92	−22 36.6	1.779	2.791	1.8	21.8
8 9	20 39.75	−23 9.7	1.789	2.791	4.1	22.0
8 19	20 30.33	−23 33.5	1.827	2.789	8.0	22.2
8 29	20 22.65	−23 46.2	1.890	2.787	11.6	22.4
9 8	20 17.36	−23 47.9	1.975	2.784	14.7	22.6
44512 1998 XM_{58}			8 1.5 333.°06	4.°0/29.8 18		
6 30	21 4.35	−21 30.1	1.245	2.163	15.3	17.1
7 10	21 1.86	−22 56.2	1.166	2.135	11.2	16.8
7 20	20 56.63	−24 34.5	1.108	2.108	6.7	16.4
7 30	20 49.36	−26 15.8	1.073	2.082	4.0	16.2
8 9	20 41.27	−27 49.0	1.061	2.058	7.1	16.3
8 19	20 33.84	−29 4.3	1.071	2.035	12.0	16.5
8 29	20 28.57	−29 55.7	1.102	2.014	16.8	16.7
9 8	20 26.53	−30 21.8	1.150	1.994	20.9	16.9
140031 2001 SP_{64}			8 1.5 276.°41	6.°9/27.4 18		
6 30	21 13.67	−35 56.3	2.059	2.941	11.8	19.5
7 10	21 7.73	−37 1.6	1.994	2.931	9.4	19.4
7 20	20 59.54	−37 59.7	1.953	2.921	7.4	19.2
7 30	20 49.89	−38 43.4	1.937	2.910	7.0	19.2
8 9	20 39.85	−39 7.4	1.947	2.899	8.4	19.2
8 19	20 30.58	−39 9.5	1.981	2.889	10.7	19.4
8 29	20 23.16	−38 50.4	2.039	2.878	13.3	19.5
9 8	20 18.29	−38 13.4	2.115	2.868	15.6	19.7
352103 2007 AN_{20}			8 1.5 102.°41	4.°2/28.2 18		
6 30	21 10.92	−28 9.8	2.487	3.370	10.0	20.8
7 10	21 5.23	−29 47.6	2.440	3.388	7.4	20.6
7 20	20 57.90	−31 23.6	2.421	3.405	5.0	20.5
7 30	20 49.54	−32 51.5	2.430	3.422	4.3	20.5
8 9	20 40.94	−34 6.0	2.468	3.439	5.8	20.6
8 19	20 32.91	−35 3.8	2.534	3.455	8.1	20.8
8 29	20 26.25	−35 43.8	2.625	3.471	10.5	21.0
9 8	20 21.48	−36 7.0	2.737	3.487	12.5	21.1
221758 2007 FS_{12}			8 1.5 69.°69	0.°6/ 1.2 18		
6 30	21 11.36	−19 32.9	2.243	3.122	11.1	19.9
7 10	21 5.46	−19 34.5	2.181	3.131	8.0	19.7
7 20	20 57.97	−19 38.8	2.144	3.140	4.5	19.5
7 30	20 49.54	−19 43.1	2.134	3.148	1.0	19.3
8 9	20 40.99	−19 45.0	2.152	3.157	3.0	19.5
8 19	20 33.14	−19 42.7	2.198	3.166	6.4	19.7
8 29	20 26.71	−19 35.2	2.270	3.175	9.6	19.9
9 8	20 22.21	−19 22.4	2.365	3.184	12.3	20.1
187636 Chungyuan			8 1.5 241.°68	0.°3/ 1.2 18		
6 30	21 8.40	−16 46.8	2.373	3.250	10.6	20.8
7 10	21 3.44	−17 23.4	2.294	3.243	7.7	20.6
7 20	20 56.90	−18 6.5	2.240	3.235	4.4	20.4
7 30	20 49.35	−18 52.4	2.213	3.227	0.9	20.1
8 9	20 41.49	−19 37.5	2.214	3.219	2.8	20.3
8 19	20 34.11	−20 18.1	2.244	3.211	6.3	20.5
8 29	20 27.94	−20 51.6	2.299	3.203	9.5	20.7
9 8	20 23.54	−21 16.5	2.378	3.195	12.3	20.8
471314 2011 HR_{90}			8 1.5 51.°71	2.°5/30.8 17		
6 30	21 10.74	−20 36.8	1.601	2.498	13.8	21.4
7 10	21 5.71	−21 45.5	1.542	2.501	9.9	21.2
7 20	20 58.42	−23 0.4	1.507	2.504	5.7	20.9
7 30	20 49.66	−24 14.4	1.496	2.508	2.6	20.7
8 9	20 40.57	−25 20.1	1.512	2.511	5.1	20.9
8 19	20 32.31	−26 12.1	1.553	2.515	9.2	21.2
8 29	20 25.96	−26 47.6	1.618	2.518	13.0	21.4
9 8	20 22.21	−27 6.3	1.703	2.522	16.3	21.6
367067 2006 OJ_{20}			8 1.5 344.°60	5.°1/29.9 17		
6 30	21 4.35	−23 40.5	0.914	1.847	17.8	19.6
7 10	21 2.38	−24 48.4	0.856	1.831	13.1	19.2
7 20	20 57.10	−26 3.6	0.816	1.817	8.1	18.9
7 30	20 49.47	−27 15.1	0.795	1.805	5.1	18.7
8 9	20 41.15	−28 11.3	0.795	1.795	8.3	18.8
8 19	20 33.99	−28 43.9	0.815	1.786	13.6	19.1
8 29	20 29.69	−28 49.9	0.852	1.780	18.7	19.4
9 8	20 29.22	−28 30.9	0.905	1.775	23.1	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
440575 2005 UG_{424}			8 1.5 340.°03	1.°8/ 2.5 15		
	h m	° ′			°	m
6 30	21 7.42	−12 30.1	1.672	2.556	14.0	21.2
7 10	21 3.21	−12 34.6	1.597	2.545	10.4	21.0
7 20	20 56.98	−12 50.2	1.544	2.536	6.4	20.8
7 30	20 49.39	−13 14.8	1.515	2.527	2.4	20.5
8 9	20 41.43	−13 44.5	1.512	2.519	3.5	20.5
8 19	20 34.12	−14 15.4	1.534	2.511	7.7	20.8
8 29	20 28.44	−14 43.6	1.580	2.504	11.7	21.0
9 8	20 25.09	−15 6.2	1.647	2.499	15.3	21.2
142340 2002 RP_{202}			8 1.5 170.°08	1.°1/ 2.1 18		
6 30	21 14.22	−14 0.5	1.762	2.636	13.8	20.0
7 10	21 7.96	−14 7.7	1.694	2.638	10.2	19.8
7 20	20 59.60	−14 23.8	1.649	2.641	6.1	19.6
7 30	20 49.91	−14 45.9	1.630	2.643	1.8	19.3
8 9	20 39.93	−15 10.4	1.638	2.644	3.3	19.4
8 19	20 30.75	−15 33.5	1.673	2.645	7.6	19.7
8 29	20 23.33	−15 52.6	1.733	2.646	11.6	19.9
9 8	20 18.35	−16 5.8	1.814	2.646	14.9	20.1
249360 2008 YW_{40}			8 1.5 164.°97	1.°6/31.5 18		
6 30	21 13.21	−21 48.7	2.039	2.922	11.8	20.6
7 10	21 7.04	−22 6.3	1.972	2.924	8.5	20.4
7 20	20 58.99	−22 25.8	1.930	2.926	4.9	20.2
7 30	20 49.78	−22 43.1	1.915	2.927	1.8	20.0
8 9	20 40.36	−22 54.9	1.927	2.929	3.8	20.1
8 19	20 31.68	−22 58.8	1.967	2.930	7.4	20.3
8 29	20 24.62	−22 53.9	2.032	2.931	10.8	20.6
9 8	20 19.75	−22 40.6	2.119	2.932	13.7	20.8
349327 2007 VJ			8 1.5 260.°43	5.°0/29.1 18		
6 30	21 13.04	−29 45.8	1.995	2.884	11.8	21.2
7 10	21 7.24	−30 42.0	1.923	2.873	8.9	21.0
7 20	20 59.27	−31 35.8	1.875	2.861	6.1	20.8
7 30	20 49.86	−32 20.5	1.854	2.849	5.0	20.7
8 9	20 40.05	−32 50.9	1.859	2.837	6.6	20.8
8 19	20 30.93	−33 3.8	1.890	2.825	9.6	21.0
8 29	20 23.54	−32 58.9	1.944	2.813	12.7	21.1
9 8	20 18.59	−32 38.2	2.019	2.800	15.4	21.3
2645 Daphne Plane			8 1.5 246.°36	6.°4/29.5 18		
6 30	21 20.11	−33 3.8	1.657	2.542	14.0	15.9
7 10	21 12.70	−33 39.1	1.589	2.533	10.8	15.7
7 20	21 2.50	−34 6.5	1.543	2.524	7.8	15.5
7 30	20 50.52	−34 18.5	1.523	2.514	6.4	15.4
8 9	20 38.17	−34 9.7	1.528	2.504	8.0	15.5
8 19	20 26.93	−33 38.9	1.559	2.494	11.2	15.6
8 29	20 18.09	−32 48.3	1.612	2.484	14.7	15.8
9 8	20 12.43	−31 43.0	1.686	2.473	17.7	16.0
96854 1999 RD_{238}			8 1.5 256.°15	6.°5/27.6 18		
6 30	21 14.39	−33 31.3	1.986	2.871	12.0	19.8
7 10	21 8.38	−34 47.0	1.914	2.857	9.4	19.6
7 20	21 0.01	−35 58.0	1.867	2.842	7.2	19.4
7 30	20 50.03	−36 56.6	1.845	2.826	6.6	19.4
8 9	20 39.53	−37 36.3	1.850	2.810	8.2	19.5
8 19	20 29.72	−37 53.9	1.880	2.794	10.9	19.6
8 29	20 21.76	−37 49.5	1.933	2.778	13.7	19.7
9 8	20 16.43	−37 25.9	2.004	2.762	16.2	19.9
93151 2000 SD_{82}			8 1.5 21.°80	6.°5/ 6.1 18		
6 30	21 5.60	− 0 6.7	1.259	2.120	19.1	18.7
7 10	21 2.20	− 0 29.9	1.204	2.128	15.3	18.5
7 20	20 56.48	− 1 22.7	1.168	2.136	11.1	18.3
7 30	20 49.29	− 2 43.1	1.152	2.146	7.5	18.1
8 9	20 41.81	− 4 24.4	1.160	2.157	6.6	18.1
8 19	20 35.24	− 6 17.0	1.191	2.169	9.4	18.3
8 29	20 30.66	− 8 10.3	1.245	2.181	13.2	18.5
9 8	20 28.76	− 9 54.9	1.320	2.195	16.9	18.8
254296 2004 RL_{269}			8 1.5 58.°88	2.°0/ 2.9 18		
6 30	21 8.01	−10 23.5	2.099	2.965	12.3	20.6
7 10	21 3.17	−10 39.6	2.035	2.973	9.2	20.4
7 20	20 56.73	−11 6.5	1.995	2.981	5.7	20.2
7 30	20 49.32	−11 41.8	1.980	2.990	2.5	20.0
8 9	20 41.73	−12 22.0	1.993	2.998	3.0	20.1
8 19	20 34.74	−13 3.3	2.033	3.007	6.4	20.3
8 29	20 29.11	−13 42.5	2.099	3.016	9.6	20.5
9 8	20 25.35	−14 16.5	2.188	3.025	12.5	20.7
77116 2001 DO_{75}			8 1.5 113.°91	1.°2/ 2.2 17		
6 30	21 13.80	−13 21.0	1.548	2.427	15.1	20.7
7 10	21 7.80	−13 38.3	1.490	2.437	11.1	20.5
7 20	20 59.55	−14 6.9	1.454	2.447	6.6	20.3
7 30	20 49.91	−14 42.9	1.444	2.457	2.0	20.0
8 9	20 40.03	−15 21.4	1.459	2.466	3.6	20.1
8 19	20 31.11	−15 57.7	1.500	2.475	8.1	20.4
8 29	20 24.16	−16 28.2	1.566	2.484	12.3	20.7
9 8	20 19.85	−16 50.8	1.653	2.492	15.8	20.9

490023 2008 SS_{277} 8 1.5 288°.60 3°.0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.23	− 9 33.2	1.699	2.569	14.5	22.0
7 10	21 5.29	− 9 31.5	1.617	2.556	11.0	21.8
7 20	20 58.20	− 9 43.3	1.557	2.543	7.1	21.5
7 30	20 49.67	−10 7.0	1.522	2.530	3.6	21.3
8 9	20 40.65	−10 39.4	1.512	2.516	4.0	21.3
8 19	20 32.24	−11 16.3	1.528	2.503	7.9	21.5
8 29	20 25.48	−11 53.5	1.569	2.491	12.0	21.7
9 8	20 21.10	−12 27.1	1.631	2.478	15.6	21.9

206634 2003 WA_{171} 8 1.5 254°.14 4°.2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.28	− 3 37.0	2.000	2.842	13.7	20.6
7 10	21 3.58	− 3 55.4	1.916	2.833	10.8	20.4
7 20	20 57.10	− 4 31.3	1.855	2.824	7.6	20.1
7 30	20 49.43	− 5 23.5	1.818	2.815	4.8	20.0
8 9	20 41.39	− 6 28.3	1.808	2.806	4.5	19.9
8 19	20 33.83	− 7 40.9	1.826	2.797	7.2	20.1
8 29	20 27.61	− 8 55.7	1.869	2.787	10.5	20.3
9 8	20 23.39	−10 7.3	1.935	2.778	13.7	20.4

11176 Batth 8 1.5 67°.65 0°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.51	−16 32.1	2.030	2.911	12.0	18.9
7 10	21 4.33	−16 57.6	1.969	2.919	8.7	18.7
7 20	20 57.43	−17 29.6	1.931	2.926	4.9	18.5
7 30	20 49.49	−18 4.6	1.919	2.934	1.0	18.2
8 9	20 41.36	−18 38.6	1.935	2.941	3.0	18.4
8 19	20 33.90	−19 8.3	1.979	2.949	6.8	18.6
8 29	20 27.91	−19 31.2	2.047	2.957	10.2	18.9
9 8	20 23.94	−19 46.0	2.138	2.965	13.1	19.1

424094 2007 EC_{9} 8 1.5 73°.74 5°.0/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.57	−28 57.4	1.564	2.459	14.1	21.2
7 10	21 9.87	−29 37.5	1.519	2.473	10.5	21.0
7 20	21 0.72	−30 13.1	1.497	2.486	6.9	20.9
7 30	20 50.15	−30 37.2	1.499	2.500	5.0	20.8
8 9	20 39.51	−30 45.1	1.527	2.513	6.8	20.9
8 19	20 30.09	−30 35.2	1.580	2.527	10.2	21.2
8 29	20 22.97	−30 8.8	1.655	2.541	13.6	21.4
9 8	20 18.75	−29 29.2	1.751	2.554	16.5	21.6

33756 1999 RF_{48} 8 1.5 157°.98 1°.9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.49	− 9 18.0	2.236	3.096	11.8	18.3
7 10	21 2.80	− 9 53.5	2.162	3.097	8.9	18.1
7 20	20 56.56	−10 41.0	2.112	3.098	5.6	17.9
7 30	20 49.33	−11 37.8	2.089	3.098	2.4	17.7
8 9	20 41.85	−12 39.8	2.094	3.099	2.9	17.8
8 19	20 34.87	−13 42.6	2.126	3.100	6.2	18.0
8 29	20 29.13	−14 42.1	2.186	3.101	9.4	18.2
9 8	20 25.16	−15 35.0	2.268	3.101	12.3	18.4

194950 2002 AX_{160} 8 1.5 168°.01 1°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.26	−13 5.0	2.151	3.013	12.2	20.3
7 10	21 7.67	−12 57.5	2.080	3.017	9.0	20.1
7 20	20 59.32	−12 57.4	2.033	3.021	5.5	19.9
7 30	20 49.89	−13 2.7	2.013	3.024	2.1	19.7
8 9	20 40.25	−13 11.2	2.021	3.026	3.0	19.7
8 19	20 31.28	−13 20.6	2.058	3.028	6.6	20.0
8 29	20 23.78	−13 28.8	2.121	3.030	10.0	20.2
9 8	20 18.33	−13 34.2	2.208	3.031	12.9	20.4

267748 2003 GR_{50} 8 1.5 56°.92 0°.3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.74	−14 17.0	1.476	2.366	15.1	20.1
7 10	21 5.68	−14 57.4	1.425	2.378	11.0	19.8
7 20	20 58.39	−15 49.4	1.394	2.390	6.4	19.6
7 30	20 49.72	−16 47.8	1.389	2.403	1.4	19.3
8 9	20 40.84	−17 46.1	1.409	2.416	3.6	19.5
8 19	20 32.92	−18 38.6	1.454	2.429	8.3	19.8
8 29	20 26.96	−19 21.2	1.523	2.442	12.5	20.1
9 8	20 23.62	−19 51.9	1.613	2.455	16.0	20.4

330396 2006 YO_{32} 8 1.5 321°.12 4°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.67	−24 22.8	1.340	2.247	15.2	20.3
7 10	21 6.94	−25 17.1	1.274	2.237	11.1	20.1
7 20	20 59.41	−26 14.6	1.229	2.226	6.8	19.8
7 30	20 49.97	−27 7.3	1.208	2.217	4.1	19.6
8 9	20 40.00	−27 47.2	1.211	2.207	6.6	19.7
8 19	20 30.97	−28 9.4	1.238	2.198	11.1	20.0
8 29	20 24.26	−28 12.2	1.286	2.190	15.4	20.2
9 8	20 20.72	−27 57.2	1.352	2.182	19.1	20.4

261358 2005 UP_{313} 8 1.5 253°.51 3°.6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.19	−26 54.8	2.512	3.396	9.9	21.0
7 10	21 4.86	−27 58.0	2.430	3.380	7.3	20.8
7 20	20 57.82	−29 1.6	2.374	3.363	4.7	20.6
7 30	20 49.62	−30 0.5	2.346	3.346	3.6	20.5
8 9	20 41.03	−30 50.1	2.346	3.329	5.1	20.6
8 19	20 32.86	−31 26.8	2.374	3.312	7.8	20.7
8 29	20 25.94	−31 49.2	2.427	3.294	10.5	20.9
9 8	20 20.89	−31 57.6	2.502	3.276	12.9	21.0

168677 2000 FP_{4} 8 1.5 278°.11 2°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.38	−10 39.9	1.935	2.803	13.0	20.5
7 10	21 4.42	−10 49.5	1.857	2.796	9.8	20.3
7 20	20 57.61	−11 10.7	1.801	2.788	6.2	20.1
7 30	20 49.58	−11 41.3	1.771	2.781	2.7	19.8
8 9	20 41.20	−12 17.8	1.767	2.773	3.4	19.9
8 19	20 33.39	−12 56.5	1.791	2.765	7.0	20.1
8 29	20 27.03	−13 33.4	1.840	2.758	10.7	20.3
9 8	20 22.77	−14 5.6	1.911	2.750	14.0	20.5

358407 2007 BJ_{71} 8 1.5 98°.90 2°.0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.20	− 9 0.6	2.276	3.135	11.7	20.8
7 10	21 2.55	− 9 29.9	2.204	3.137	8.8	20.6
7 20	20 56.41	−10 10.8	2.156	3.140	5.6	20.4
7 30	20 49.32	−11 0.9	2.134	3.142	2.6	20.2
8 9	20 42.00	−11 56.5	2.140	3.145	2.9	20.2
8 19	20 35.18	−12 53.6	2.174	3.148	6.1	20.4
8 29	20 29.58	−13 48.1	2.234	3.150	9.2	20.7
9 8	20 25.70	−14 37.1	2.318	3.153	12.0	20.8

243103 2007 RL_{50} 8 1.5 194°.30 1°.3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.80	−13 41.9	2.020	2.891	12.5	20.5
7 10	21 6.04	−13 42.3	1.947	2.890	9.2	20.3
7 20	20 58.47	−13 50.6	1.898	2.889	5.5	20.0
7 30	20 49.75	−14 4.5	1.875	2.888	1.9	19.8
8 9	20 40.77	−14 21.2	1.880	2.886	3.0	19.9
8 19	20 32.43	−14 37.8	1.912	2.885	6.8	20.1
8 29	20 25.58	−14 52.0	1.970	2.883	10.4	20.3
9 8	20 20.83	−15 1.9	2.050	2.881	13.5	20.5

360430 2002 HK_{18} 8 1.5 27°.81 4°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.72	− 2 21.4	1.933	2.776	14.1	20.2
7 10	21 1.67	− 3 0.5	1.866	2.783	11.1	20.1
7 20	20 55.97	− 3 59.1	1.821	2.790	7.8	19.9
7 30	20 49.24	− 5 14.7	1.801	2.799	4.9	19.7
8 9	20 42.27	− 6 42.3	1.808	2.807	4.4	19.7
8 19	20 35.89	− 8 16.0	1.842	2.816	6.9	19.9
8 29	20 30.87	− 9 49.0	1.902	2.825	10.1	20.1
9 8	20 27.78	−11 15.9	1.985	2.835	13.1	20.3

379210 2009 SO_{125} 8 1.5 37°.11 0°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.17	−17 15.7	1.347	2.243	15.9	20.3
7 10	21 7.64	−17 21.2	1.293	2.250	11.5	20.0
7 20	20 59.58	−17 34.4	1.260	2.257	6.6	19.8
7 30	20 49.99	−17 51.1	1.251	2.265	1.3	19.4
8 9	20 40.18	−18 6.7	1.266	2.273	4.0	19.7
8 19	20 31.48	−18 17.7	1.306	2.282	9.0	20.0
8 29	20 25.02	−18 21.7	1.369	2.291	13.4	20.3
9 8	20 21.47	−18 17.8	1.452	2.300	17.1	20.5

255670 2006 QL_{41} 8 1.5 27°.10 5°.4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.04	− 5 31.9	1.203	2.080	18.7	20.4
7 10	21 5.55	− 5 18.1	1.148	2.085	14.6	20.2
7 20	20 58.49	− 5 26.4	1.111	2.091	10.1	20.0
7 30	20 49.79	− 5 55.8	1.096	2.098	6.2	19.8
8 9	20 40.77	− 6 42.1	1.104	2.105	6.0	19.8
8 19	20 32.77	− 7 38.7	1.135	2.113	9.7	20.0
8 29	20 27.01	− 8 38.2	1.188	2.121	14.0	20.3
9 8	20 24.21	− 9 33.8	1.261	2.130	17.9	20.6

237994 2002 SU_{65} 8 1.5 38°.75 2°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.56	−21 55.5	1.691	2.587	13.2	20.0
7 10	21 5.49	−22 48.8	1.634	2.592	9.5	19.8
7 20	20 58.28	−23 45.9	1.600	2.597	5.5	19.5
7 30	20 49.73	−24 40.6	1.591	2.602	2.6	19.4
8 9	20 40.92	−25 27.0	1.609	2.608	4.9	19.5
8 19	20 32.94	−26 0.8	1.652	2.613	8.8	19.8
8 29	20 26.79	−26 20.2	1.719	2.619	12.4	20.0
9 8	20 23.11	−26 25.4	1.807	2.625	15.5	20.2

315031 2007 BA_{78} 8 1.5 155°.66 1°.2/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.81	−20 30.2	2.339	3.221	10.6	21.2
7 10	21 4.44	−20 54.7	2.271	3.222	7.6	21.0
7 20	20 57.49	−21 22.0	2.227	3.223	4.3	20.8
7 30	20 49.57	−21 48.7	2.211	3.224	1.4	20.6
8 9	20 41.44	−22 11.6	2.223	3.225	3.2	20.7
8 19	20 33.89	−22 28.1	2.262	3.226	6.5	20.9
8 29	20 27.66	−22 36.8	2.327	3.227	9.6	21.1
9 8	20 23.27	−22 37.2	2.415	3.227	12.3	21.3

394604 2007 VQ_{263} 8 1.5 293°.69 2°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.52	−24 5.5	1.847	2.738	12.5	21.4
7 10	21 6.85	−24 33.3	1.777	2.732	9.1	21.1
7 20	20 59.06	−25 2.0	1.731	2.726	5.4	20.9
7 30	20 49.91	−25 26.6	1.710	2.720	2.8	20.7
8 9	20 40.44	−25 42.7	1.716	2.713	4.8	20.8
8 19	20 31.73	−25 47.4	1.748	2.707	8.5	21.1
8 29	20 24.77	−25 40.0	1.804	2.701	12.1	21.3
9 8	20 20.23	−25 21.4	1.882	2.696	15.2	21.5

485148 2010 PF_{49} 8 1.5 307.°79 0.°6/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.83	−17 59.5	1.967	2.854	12.1	21.6
7 10	21 4.13	−18 23.6	1.882	2.835	8.8	21.3
7 20	20 57.52	−18 54.2	1.820	2.817	5.0	21.1
7 30	20 49.61	−19 27.4	1.784	2.798	1.1	20.8
8 9	20 41.27	−19 59.2	1.775	2.780	3.4	20.9
8 19	20 33.45	−20 26.0	1.793	2.763	7.4	21.1
8 29	20 27.07	−20 45.1	1.835	2.745	11.2	21.3
9 8	20 22.85	−20 55.1	1.899	2.728	14.4	21.5

504913 2011 BU_{11} 8 1.5 202.°05 1.°6/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.29	−20 57.1	1.933	2.814	12.5	21.6
7 10	21 8.75	−21 23.0	1.860	2.811	9.0	21.4
7 20	21 0.11	−21 52.1	1.811	2.806	5.2	21.2
7 30	20 50.13	−22 19.9	1.789	2.801	1.7	20.9
8 9	20 39.81	−22 42.1	1.794	2.796	4.0	21.1
8 19	20 30.21	−22 55.7	1.827	2.790	7.9	21.3
8 29	20 22.33	−22 59.3	1.885	2.783	11.6	21.5
9 8	20 16.83	−22 53.1	1.965	2.776	14.7	21.7

397921 2008 VU_{79} 8 1.5 245.°99 5.°8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.97	−33 13.8	2.289	3.168	10.9	21.6
7 10	21 8.62	−34 24.8	2.210	3.149	8.5	21.4
7 20	21 0.13	−35 31.8	2.156	3.130	6.4	21.2
7 30	20 50.16	−36 28.1	2.129	3.110	5.8	21.2
8 9	20 39.68	−37 8.0	2.130	3.090	7.3	21.2
8 19	20 29.74	−37 28.6	2.156	3.069	9.8	21.3
8 29	20 21.38	−37 29.4	2.207	3.047	12.4	21.5
9 8	20 15.37	−37 12.6	2.278	3.024	14.8	21.6

296012 2008 YO_{123} 8 1.5 50.°35 0.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.59	−14 23.9	1.729	2.612	13.6	20.9
7 10	21 4.67	−14 58.0	1.669	2.619	9.9	20.6
7 20	20 57.78	−15 42.1	1.632	2.626	5.7	20.4
7 30	20 49.66	−16 32.1	1.620	2.634	1.3	20.1
8 9	20 41.30	−17 22.7	1.634	2.641	3.2	20.3
8 19	20 33.70	−18 9.2	1.675	2.649	7.5	20.6
8 29	20 27.78	−18 48.0	1.741	2.657	11.3	20.8
9 8	20 24.16	−19 16.8	1.828	2.665	14.6	21.1

448572 2010 SB_{18} 8 1.5 250.°73 5.°1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.98	−33 47.0	2.503	3.379	10.2	22.1
7 10	21 7.61	−34 27.2	2.427	3.365	7.9	21.9
7 20	20 59.39	−35 1.8	2.377	3.351	5.9	21.8
7 30	20 49.99	−35 25.7	2.353	3.337	5.1	21.7
8 9	20 40.29	−35 35.2	2.357	3.322	6.4	21.8
8 19	20 31.20	−35 28.5	2.388	3.308	8.6	21.9
8 29	20 23.60	−35 6.2	2.443	3.292	11.1	22.0
9 8	20 18.09	−34 30.3	2.520	3.277	13.3	22.2

60227 1999 VD_{133} 8 1.5 25.°65 5.°8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.66	−32 19.3	1.759	2.652	12.9	18.6
7 10	21 7.70	−32 55.3	1.710	2.659	9.8	18.4
7 20	20 59.51	−33 24.4	1.683	2.666	7.0	18.3
7 30	20 50.00	−33 40.3	1.682	2.674	5.8	18.2
8 9	20 40.39	−33 39.1	1.706	2.683	7.3	18.3
8 19	20 31.83	−33 19.5	1.755	2.692	10.1	18.5
8 29	20 25.32	−32 43.3	1.827	2.702	13.0	18.7
9 8	20 21.45	−31 53.7	1.919	2.712	15.7	18.9

134926 2000 YS_{117} 8 1.5 228.°22 0.°7/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.14	−19 5.0	1.565	2.452	14.6	20.0
7 10	21 9.73	−19 11.2	1.494	2.447	10.6	19.8
7 20	21 0.84	−19 22.4	1.446	2.442	6.1	19.5
7 30	20 50.32	−19 34.3	1.422	2.437	1.3	19.2
8 9	20 39.40	−19 42.8	1.425	2.431	4.0	19.4
8 19	20 29.39	−19 44.9	1.454	2.425	8.8	19.6
8 29	20 21.44	−19 39.3	1.507	2.419	13.1	19.9
9 8	20 16.33	−19 25.7	1.581	2.412	16.7	20.1

94059 2000 YA_{18} 8 1.5 166.°91 1.°2/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.58	−18 21.1	2.169	3.047	11.4	19.4
7 10	21 5.86	−19 17.0	2.102	3.051	8.2	19.2
7 20	20 58.39	−20 18.9	2.059	3.055	4.7	19.0
7 30	20 49.80	−21 21.9	2.045	3.058	1.3	18.8
8 9	20 40.92	−22 20.9	2.059	3.061	3.5	18.9
8 19	20 32.65	−23 11.8	2.101	3.063	7.1	19.2
8 29	20 25.79	−23 51.9	2.169	3.065	10.4	19.4
9 8	20 20.95	−24 20.1	2.259	3.066	13.2	19.6

255379 2005 WB_{127} 8 1.5 44.°01 0.°1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.24	−16 39.3	1.923	2.807	12.4	20.6
7 10	21 4.21	−17 2.5	1.866	2.818	9.0	20.4
7 20	20 57.43	−17 32.2	1.833	2.828	5.1	20.2
7 30	20 49.59	−18 5.0	1.825	2.839	1.0	19.9
8 9	20 41.58	−18 36.6	1.844	2.851	3.1	20.1
8 19	20 34.31	−19 3.9	1.891	2.862	7.0	20.4
8 29	20 28.57	−19 24.3	1.962	2.874	10.5	20.6
9 8	20 24.92	−19 36.7	2.055	2.886	13.4	20.8

341131 2007 MW_5 8 1.5 331.°37 1.°6/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.17	−18 46.4	1.523	2.422	14.2	20.3
7 10	21 4.78	−19 37.0	1.455	2.414	10.3	20.1
7 20	20 58.05	−20 36.2	1.408	2.407	5.9	19.8
7 30	20 49.76	−21 37.9	1.386	2.400	1.8	19.5
8 9	20 41.01	−22 35.1	1.390	2.393	4.5	19.7
8 19	20 33.03	−23 22.3	1.418	2.387	9.1	20.0
8 29	20 26.94	−23 55.8	1.469	2.382	13.3	20.2
9 8	20 23.51	−24 14.4	1.541	2.377	16.9	20.4

316100 2009 OG_5 8 1.5 33.°88 4.°3/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.36	− 8 33.5	1.906	2.760	13.8	19.0
7 10	21 7.82	− 7 30.0	1.844	2.770	10.7	18.8
7 20	20 59.45	− 6 36.3	1.806	2.781	7.3	18.6
7 30	20 50.00	− 5 53.4	1.793	2.792	4.7	18.5
8 9	20 40.42	− 5 21.3	1.808	2.803	4.9	18.5
8 19	20 31.65	− 4 59.0	1.850	2.815	7.6	18.7
8 29	20 24.52	− 4 44.6	1.918	2.828	10.8	18.9
9 8	20 19.59	− 4 35.4	2.007	2.841	13.6	19.2

352347 2007 VW_{105} 8 1.5 282.°65 1.°9/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.11	−11 47.3	1.911	2.782	13.1	21.3
7 10	21 5.04	−11 51.0	1.828	2.769	9.8	21.1
7 20	20 58.04	−12 5.2	1.768	2.757	6.1	20.8
7 30	20 49.75	−12 27.7	1.733	2.744	2.5	20.6
8 9	20 41.05	−12 55.5	1.725	2.731	3.3	20.6
8 19	20 32.90	−13 25.0	1.744	2.718	7.2	20.8
8 29	20 26.23	−13 52.9	1.788	2.706	11.0	21.0
9 8	20 21.72	−14 16.3	1.854	2.693	14.3	21.2

467312 1998 WF_{38} 8 1.5 221.°75 4.°3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.11	−24 58.7	1.469	2.366	14.8	21.8
7 10	21 10.03	−26 1.6	1.404	2.361	10.8	21.6
7 20	21 1.16	−27 6.7	1.361	2.355	6.7	21.3
7 30	20 50.41	−28 5.8	1.342	2.349	4.3	21.2
8 9	20 39.14	−28 50.9	1.350	2.342	6.7	21.3
8 19	20 28.84	−29 17.2	1.382	2.335	10.8	21.5
8 29	20 20.82	−29 23.6	1.436	2.328	14.9	21.8
9 8	20 15.94	−29 12.2	1.510	2.320	18.4	22.0

26086 1981 UE_{23} 8 1.5 305.°39 9.°4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.41	−46 22.8	2.331	3.183	11.7	17.6
7 10	21 9.11	−47 48.3	2.286	3.181	10.3	17.5
7 20	21 0.44	−48 59.8	2.264	3.179	9.5	17.4
7 30	20 50.23	−49 50.1	2.267	3.177	9.6	17.4
8 9	20 39.68	−50 14.8	2.293	3.175	10.6	17.5
8 19	20 30.02	−50 12.8	2.341	3.174	12.1	17.6
8 29	20 22.36	−49 46.2	2.410	3.172	13.8	17.7
9 8	20 17.41	−48 59.5	2.496	3.170	15.3	17.8

98062 2000 RW_{47} 8 1.5 334.°96 1.°6/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.16	−22 17.6	1.037	1.952	17.9	18.8
7 10	21 9.29	−21 55.2	0.971	1.937	13.2	18.4
7 20	21 1.02	−21 33.2	0.923	1.924	7.7	18.1
7 30	20 50.41	−21 7.0	0.897	1.911	2.1	17.7
8 9	20 39.18	−20 33.1	0.893	1.900	5.3	17.9
8 19	20 29.20	−19 50.2	0.911	1.889	11.3	18.2
8 29	20 22.11	−18 59.4	0.949	1.881	16.8	18.5
9 8	20 18.83	−18 2.9	1.004	1.873	21.4	18.7

296951 2010 EL_{21} 8 1.5 75.°07 5.°4/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.92	−31 18.1	1.755	2.643	13.2	20.8
7 10	21 9.96	−31 54.7	1.711	2.659	9.9	20.6
7 20	21 0.75	−32 24.7	1.690	2.674	6.8	20.5
7 30	20 50.26	−32 41.9	1.694	2.690	5.4	20.4
8 9	20 39.75	−32 42.3	1.725	2.705	6.9	20.6
8 19	20 30.40	−32 24.9	1.781	2.720	9.8	20.8
8 29	20 23.20	−31 51.6	1.861	2.736	12.9	21.0
9 8	20 18.71	−31 5.8	1.961	2.751	15.5	21.2

420373 2012 BN_{120} 8 1.5 81.°60 0.°6/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.61	−15 44.6	1.372	2.261	16.1	21.0
7 10	21 9.33	−15 47.6	1.320	2.273	11.8	20.8
7 20	21 0.54	−15 59.7	1.289	2.284	6.8	20.6
7 30	20 50.24	−16 16.8	1.282	2.296	1.7	20.3
8 9	20 39.78	−16 34.6	1.301	2.308	3.8	20.4
8 19	20 30.47	−16 49.3	1.345	2.320	8.8	20.8
8 29	20 23.44	−16 58.3	1.412	2.332	13.2	21.1
9 8	20 19.34	−17 0.3	1.499	2.343	16.9	21.3

438462 2007 CG_{34} 8 1.5 118.°83 1.°3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.35	−10 53.2	2.248	3.113	11.6	20.4
7 10	21 2.73	−11 33.3	2.175	3.113	8.6	20.2
7 20	20 56.58	−12 24.4	2.125	3.114	5.2	20.0
7 30	20 49.44	−13 23.4	2.103	3.115	1.9	19.8
8 9	20 42.04	−14 26.1	2.109	3.115	2.7	19.9
8 19	20 35.13	−15 28.1	2.143	3.116	6.1	20.1
8 29	20 29.46	−16 25.5	2.203	3.117	9.4	20.3
9 8	20 25.55	−17 15.2	2.286	3.117	12.2	20.5

309758 2008 XW_{47} 8 1.5 280°.08 2°.0/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.22	−13 3.2	1.297	2.186	16.9	21.1
7 10	21 8.68	−12 57.9	1.230	2.181	12.6	20.8
7 20	21 0.38	−13 5.2	1.184	2.177	7.7	20.5
7 30	20 50.26	−13 22.3	1.160	2.172	2.8	20.2
8 9	20 39.65	−13 44.9	1.161	2.168	4.2	20.3
8 19	20 30.02	−14 8.5	1.186	2.164	9.4	20.6
8 29	20 22.66	−14 29.0	1.234	2.160	14.2	20.8
9 8	20 18.41	−14 43.6	1.301	2.155	18.3	21.1

478844 2012 VQ_{49} 8 1.5 257°.88 0°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.80	−15 48.9	1.917	2.797	12.6	21.9
7 10	21 5.56	−16 16.7	1.838	2.787	9.2	21.7
7 20	20 58.36	−16 52.7	1.781	2.776	5.3	21.4
7 30	20 49.83	−17 33.5	1.751	2.765	1.1	21.1
8 9	20 40.89	−18 14.5	1.748	2.754	3.2	21.2
8 19	20 32.53	−18 51.6	1.771	2.743	7.4	21.5
8 29	20 25.70	−19 21.6	1.820	2.731	11.2	21.7
9 8	20 21.07	−19 42.7	1.891	2.720	14.5	21.9

266170 2006 UC_{252} 8 1.5 313°.87 0°.5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.83	−18 24.2	1.219	2.124	16.5	19.8
7 10	21 7.44	−18 26.6	1.135	2.097	12.3	19.4
7 20	20 59.99	−18 36.7	1.070	2.069	7.2	19.1
7 30	20 50.25	−18 50.2	1.028	2.043	1.5	18.6
8 9	20 39.61	−19 1.9	1.009	2.016	4.6	18.7
8 19	20 29.68	−19 7.3	1.013	1.991	10.6	19.0
8 29	20 22.09	−19 3.6	1.038	1.966	16.0	19.2
9 8	20 17.93	−18 49.9	1.081	1.942	20.8	19.4

25190 Thomasgoodin 8 1.5 49°.07 5°.3/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.82	− 2 35.2	1.741	2.586	15.3	18.4
7 10	21 4.08	− 2 30.9	1.677	2.593	12.2	18.2
7 20	20 57.45	− 2 45.5	1.634	2.600	8.8	18.0
7 30	20 49.64	− 3 18.2	1.614	2.607	6.0	17.9
8 9	20 41.58	− 4 5.9	1.620	2.614	5.6	17.9
8 19	20 34.21	− 5 3.8	1.651	2.621	8.0	18.0
8 29	20 28.42	− 6 6.2	1.707	2.628	11.2	18.3
9 8	20 24.82	− 7 7.4	1.785	2.636	14.3	18.5

246856 2010 GC_{117} 8 1.5 356°.15 3°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.68	−10 23.7	1.346	2.236	16.3	19.7
7 10	21 3.05	−10 21.0	1.281	2.231	12.3	19.4
7 20	20 57.08	−10 33.9	1.237	2.227	7.8	19.2
7 30	20 49.59	−11 0.2	1.215	2.225	3.7	18.9
8 9	20 41.72	−11 35.8	1.217	2.223	4.3	18.9
8 19	20 34.67	−12 15.4	1.242	2.223	8.7	19.2
8 29	20 29.57	−12 53.8	1.290	2.223	13.1	19.5
9 8	20 27.16	−13 26.5	1.358	2.225	16.9	19.7

481080 2005 SE_{92} 8 1.5 260°.40 5°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.47	− 0 35.5	2.280	3.102	12.9	21.5
7 10	21 2.83	− 0 29.5	2.197	3.095	10.5	21.3
7 20	20 56.66	− 0 39.6	2.136	3.089	7.9	21.2
7 30	20 49.49	− 1 5.6	2.100	3.082	5.7	21.0
8 9	20 42.02	− 1 45.7	2.090	3.076	5.3	21.0
8 19	20 34.99	− 2 36.5	2.107	3.069	7.1	21.1
8 29	20 29.13	− 3 33.8	2.150	3.062	9.7	21.2
9 8	20 24.99	− 4 32.9	2.217	3.056	12.3	21.4

479348 2013 WF_{74} 8 1.5 171°.34 9°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.74	+ 9 12.3	2.444	3.188	14.3	21.2
7 10	21 8.69	+10 29.4	2.368	3.192	12.4	21.0
7 20	20 59.97	+11 28.7	2.313	3.195	10.7	20.9
7 30	20 50.17	+12 7.2	2.283	3.198	9.4	20.8
8 9	20 40.05	+12 23.6	2.279	3.200	9.0	20.8
8 19	20 30.42	+12 19.0	2.301	3.201	9.8	20.9
8 29	20 22.07	+11 56.6	2.348	3.202	11.3	21.0
9 8	20 15.56	+11 21.4	2.418	3.202	13.0	21.1

19523 Paolofrisi 8 1.5 284°.92 0°.7/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.14	−16 38.3	1.875	2.760	12.6	18.3
7 10	21 4.47	−17 31.5	1.794	2.747	9.2	18.1
7 20	20 57.80	−18 34.4	1.736	2.733	5.2	17.8
7 30	20 49.75	−19 42.0	1.705	2.719	1.2	17.5
8 9	20 41.23	−20 48.4	1.701	2.705	3.6	17.7
8 19	20 33.24	−21 48.2	1.723	2.692	7.8	17.9
8 29	20 26.76	−22 37.4	1.771	2.678	11.7	18.1
9 8	20 22.51	−23 13.8	1.839	2.664	15.0	18.3

75998 2000 DE_{15} 8 1.5 276°.63 0°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.62	−15 2.5	1.904	2.785	12.7	19.1
7 10	21 4.66	−15 35.1	1.832	2.781	9.3	18.9
7 20	20 57.82	−16 16.8	1.783	2.777	5.4	18.6
7 30	20 49.73	−17 3.8	1.759	2.773	1.2	18.3
8 9	20 41.32	−17 51.4	1.763	2.770	3.1	18.5
8 19	20 33.52	−18 35.2	1.794	2.766	7.2	18.7
8 29	20 27.24	−19 11.8	1.849	2.762	11.0	18.9
9 8	20 23.11	−19 39.1	1.927	2.758	14.2	19.1

449882 2015 MC_{84} 8 1.5 315°.36 4°.2/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.13	− 7 32.6	1.827	2.686	14.1	20.7
7 10	21 5.12	− 7 0.6	1.744	2.673	11.0	20.4
7 20	20 58.13	− 6 40.7	1.683	2.660	7.6	20.2
7 30	20 49.81	− 6 33.1	1.647	2.648	4.7	20.0
8 9	20 41.09	− 6 36.5	1.637	2.635	4.8	20.0
8 19	20 32.93	− 6 48.4	1.653	2.624	7.9	20.1
8 29	20 26.29	− 7 5.7	1.693	2.612	11.4	20.3
9 8	20 21.86	− 7 24.8	1.755	2.601	14.7	20.5

290672 2005 UR_{321} 8 1.6 10°.59 4°.0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.04	− 5 46.9	2.159	3.005	12.7	20.2
7 10	21 3.97	− 5 28.4	2.086	3.005	9.9	20.0
7 20	20 57.31	− 5 22.3	2.035	3.006	7.0	19.8
7 30	20 49.63	− 5 28.2	2.009	3.006	4.5	19.7
8 9	20 41.71	− 5 44.5	2.011	3.007	4.4	19.7
8 19	20 34.33	− 6 8.3	2.039	3.007	6.8	19.8
8 29	20 28.25	− 6 36.5	2.093	3.008	9.8	20.0
9 8	20 24.03	− 7 5.6	2.170	3.009	12.5	20.2

383215 2005 YY_{167} 8 1.6 203°.87 4°.5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.86	−28 3.8	2.148	3.033	11.3	21.9
7 10	21 7.75	−29 18.1	2.080	3.028	8.4	21.7
7 20	20 59.62	−30 31.8	2.037	3.023	5.6	21.5
7 30	20 50.12	−31 38.1	2.021	3.017	4.5	21.4
8 9	20 40.23	−32 31.2	2.033	3.011	6.1	21.5
8 19	20 30.95	−33 7.5	2.071	3.004	9.0	21.7
8 29	20 23.26	−33 25.9	2.135	2.997	11.9	21.9
9 8	20 17.85	−33 27.8	2.219	2.989	14.5	22.0

128440 2004 NG_{13} 8 1.6 339°.78 1°.1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.46	−13 24.5	1.943	2.820	12.6	19.9
7 10	21 3.77	−13 39.5	1.870	2.816	9.3	19.7
7 20	20 57.28	−14 3.9	1.820	2.813	5.6	19.5
7 30	20 49.63	−14 34.9	1.796	2.809	1.8	19.2
8 9	20 41.69	−15 8.8	1.799	2.806	3.0	19.3
8 19	20 34.35	−15 42.0	1.829	2.803	6.9	19.6
8 29	20 28.46	−16 11.3	1.883	2.801	10.5	19.8
9 8	20 24.63	−16 34.2	1.960	2.799	13.7	20.0

70889 1999 VX_{167} 8 1.6 89°.57 6°.0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.38	−31 41.7	1.810	2.701	12.7	19.0
7 10	21 8.29	−32 45.9	1.761	2.708	9.7	18.8
7 20	20 59.92	−33 44.6	1.735	2.716	7.0	18.7
7 30	20 50.17	−34 30.6	1.734	2.723	6.0	18.6
8 9	20 40.20	−34 58.3	1.759	2.731	7.6	18.8
8 19	20 31.20	−35 5.6	1.809	2.738	10.3	18.9
8 29	20 24.20	−34 53.3	1.882	2.746	13.2	19.1
9 8	20 19.85	−34 24.5	1.975	2.753	15.8	19.3

42452 3970 $T\text{-}_3$ 8 1.6 195°.87 6°.3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.92	+ 6 5.2	2.782	3.555	12.1	20.5
7 10	21 2.19	+ 6 13.4	2.698	3.553	10.2	20.4
7 20	20 56.20	+ 6 5.0	2.636	3.550	8.3	20.2
7 30	20 49.40	+ 5 39.4	2.598	3.548	6.8	20.1
8 9	20 42.37	+ 4 57.8	2.586	3.545	6.3	20.1
8 19	20 35.71	+ 4 2.8	2.602	3.541	7.1	20.1
8 29	20 30.01	+ 2 58.4	2.644	3.538	8.8	20.3
9 8	20 25.74	+ 1 49.1	2.710	3.534	10.8	20.4

204898 2007 UA_{30} 8 1.6 0°.69 2°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.66	−19 56.5	1.702	2.596	13.2	19.8
7 10	21 4.91	−20 52.6	1.638	2.596	9.5	19.6
7 20	20 58.04	−21 55.0	1.598	2.595	5.4	19.3
7 30	20 49.80	−22 57.7	1.583	2.595	2.1	19.1
8 9	20 41.22	−23 54.3	1.594	2.596	4.5	19.3
8 19	20 33.39	−24 40.0	1.632	2.596	8.5	19.5
8 29	20 27.30	−25 11.8	1.693	2.597	12.3	19.8
9 8	20 23.64	−25 29.2	1.774	2.598	15.5	20.0

441974 2010 MQ_{92} 8 1.6 320°.90 3°.0/30.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.86	−25 4.9	1.830	2.723	12.5	21.1
7 10	21 6.48	−25 23.0	1.754	2.710	9.1	20.9
7 20	20 58.94	−25 40.8	1.701	2.696	5.5	20.7
7 30	20 49.99	−25 53.6	1.674	2.683	3.0	20.5
8 9	20 40.67	−25 57.4	1.673	2.670	4.9	20.6
8 19	20 32.08	−25 49.7	1.698	2.658	8.6	20.8
8 29	20 25.24	−25 30.1	1.747	2.646	12.3	21.0
9 8	20 20.84	−24 59.8	1.816	2.635	15.4	21.1

481267 2005 XG_{81} 8 1.6 217°.97 2°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.51	− 8 21.3	2.406	3.256	11.5	21.6
7 10	21 4.19	− 8 7.4	2.328	3.253	8.8	21.4
7 20	20 57.39	− 8 3.0	2.274	3.251	5.9	21.2
7 30	20 49.66	− 8 7.6	2.246	3.249	3.4	21.0
8 9	20 41.69	− 8 19.2	2.246	3.246	3.5	21.1
8 19	20 34.21	− 8 35.8	2.274	3.244	6.1	21.2
8 29	20 27.91	− 8 54.7	2.328	3.241	9.0	21.4
9 8	20 23.32	− 9 13.4	2.406	3.238	11.7	21.6

494222 2016 ND_{10} 8 1.6 259°.82 6°.7/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.71	−34 15.1	1.986	2.868	12.2	21.1
7 10	21 10.21	−35 22.2	1.908	2.847	9.6	20.9
7 20	21 1.22	−36 24.0	1.853	2.826	7.4	20.7
7 30	20 50.49	−37 12.6	1.825	2.804	6.7	20.7
8 9	20 39.18	−37 41.7	1.822	2.782	8.3	20.7
8 19	20 28.56	−37 48.2	1.845	2.760	11.0	20.8
8 29	20 19.83	−37 32.4	1.891	2.737	13.9	21.0
9 8	20 13.84	−36 57.6	1.956	2.713	16.6	21.1

108078 2001 FO_{170} 8 1.6 10°.00 5°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.05	−24 19.6	1.050	1.973	17.0	18.2
7 10	21 4.69	−25 49.0	1.005	1.975	12.4	17.9
7 20	20 58.28	−27 22.6	0.979	1.978	7.8	17.7
7 30	20 49.88	−28 48.6	0.976	1.982	5.4	17.6
8 9	20 41.09	−29 56.0	0.994	1.988	8.2	17.7
8 19	20 33.55	−30 38.1	1.034	1.995	12.7	18.0
8 29	20 28.69	−30 53.5	1.093	2.002	17.1	18.3
9 8	20 27.28	−30 44.8	1.169	2.012	20.7	18.6

236504 2006 GC_{31} 8 1.6 49°.56 0°.9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.33	−13 41.4	1.617	2.501	14.3	20.4
7 10	21 5.29	−14 5.3	1.561	2.511	10.5	20.2
7 20	20 58.19	−14 40.0	1.527	2.521	6.2	20.0
7 30	20 49.83	−15 21.6	1.518	2.531	1.7	19.7
8 9	20 41.25	−16 5.0	1.535	2.542	3.3	19.9
8 19	20 33.52	−16 45.6	1.577	2.553	7.7	20.2
8 29	20 27.59	−17 19.8	1.644	2.564	11.7	20.4
9 8	20 24.07	−17 45.2	1.732	2.575	15.0	20.7

87237 2000 OP_{44} 8 1.6 5°.43 0°.6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.73	−20 5.1	1.047	1.958	18.1	17.3
7 10	21 9.31	−18 59.7	0.994	1.958	13.3	17.0
7 20	21 0.79	−17 55.5	0.960	1.959	7.7	16.7
7 30	20 50.38	−16 51.6	0.948	1.962	1.8	16.4
8 9	20 39.77	−15 48.1	0.959	1.967	4.5	16.6
8 19	20 30.63	−14 46.3	0.992	1.973	10.2	16.9
8 29	20 24.29	−13 47.3	1.047	1.981	15.3	17.2
9 8	20 21.45	−12 51.3	1.120	1.991	19.5	17.5

211062 2002 CH_{137} 8 1.6 299°.01 4°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.30	−24 53.1	1.243	2.149	16.2	19.8
7 10	21 10.03	−25 25.4	1.165	2.127	12.0	19.5
7 20	21 1.50	−25 59.6	1.108	2.105	7.4	19.2
7 30	20 50.61	−26 28.0	1.074	2.083	4.1	18.9
8 9	20 38.87	−26 42.7	1.063	2.061	6.8	19.0
8 19	20 28.05	−26 39.5	1.075	2.040	11.8	19.2
8 29	20 19.79	−26 17.5	1.108	2.019	16.8	19.4
9 8	20 15.17	−25 39.3	1.158	1.998	21.1	19.7

446251 2013 HX_{58} 8 1.6 325°.26 6°.5/ 6.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.12	+ 1 11.0	2.084	2.903	14.1	20.7
7 10	21 2.72	+ 1 37.4	2.003	2.895	11.6	20.5
7 20	20 56.67	+ 1 46.3	1.943	2.887	9.1	20.4
7 30	20 49.54	+ 1 36.7	1.906	2.880	7.0	20.2
8 9	20 42.07	+ 1 9.8	1.895	2.873	6.6	20.2
8 19	20 35.09	+ 0 28.3	1.910	2.866	8.1	20.3
8 29	20 29.36	− 0 23.2	1.949	2.860	10.6	20.4
9 8	20 25.50	− 1 19.4	2.011	2.853	13.2	20.6

289297 2004 YK_{25} 8 1.6 320°.62 1°.4/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.72	−14 0.9	1.707	2.587	13.9	20.6
7 10	21 6.33	−13 57.7	1.636	2.583	10.3	20.4
7 20	20 58.84	−14 3.4	1.586	2.579	6.2	20.1
7 30	20 49.99	−14 15.6	1.562	2.575	2.0	19.9
8 9	20 40.81	−14 31.1	1.565	2.572	3.4	20.0
8 19	20 32.36	−14 46.6	1.593	2.568	7.7	20.2
8 29	20 25.64	−14 59.4	1.646	2.565	11.7	20.4
9 8	20 21.34	−15 7.4	1.720	2.562	15.1	20.7

102301 1999 TO_{90} 8 1.6 326°.42 0°.9/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.46	−12 52.6	1.163	2.067	17.3	18.5
7 10	21 4.14	−13 29.9	1.091	2.051	12.9	18.2
7 20	20 58.02	−14 25.9	1.038	2.035	7.7	17.9
7 30	20 49.88	−15 35.7	1.007	2.021	2.1	17.5
8 9	20 41.04	−16 51.4	0.999	2.007	4.3	17.6
8 19	20 33.01	−18 4.1	1.014	1.995	10.1	17.9
8 29	20 27.21	−19 6.3	1.050	1.983	15.4	18.1
9 8	20 24.65	−19 53.4	1.104	1.972	19.9	18.4

330607 2008 DC_{54} 8 1.6 126°.32 2°.0/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.13	−21 11.5	1.766	2.650	13.3	21.8
7 10	21 9.37	−21 50.5	1.713	2.665	9.6	21.6
7 20	21 0.48	−22 32.7	1.683	2.679	5.5	21.4
7 30	20 50.31	−23 12.4	1.680	2.693	2.1	21.2
8 9	20 39.99	−23 44.7	1.705	2.705	4.3	21.4
8 19	20 30.62	−24 6.3	1.756	2.718	8.3	21.7
8 29	20 23.17	−24 16.0	1.832	2.729	11.9	21.9
9 8	20 18.24	−24 14.3	1.929	2.740	14.9	22.1

137159 1999 FO_1 8 1.6 210°.98 0°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.47	−16 19.7	2.060	2.938	11.9	20.2
7 10	21 5.14	−16 39.6	1.989	2.937	8.7	20.0
7 20	20 58.05	−17 6.1	1.941	2.936	5.0	19.8
7 30	20 49.83	−17 36.0	1.920	2.935	1.0	19.5
8 9	20 41.34	−18 5.5	1.927	2.933	3.0	19.7
8 19	20 33.46	−18 31.5	1.961	2.932	6.8	19.9
8 29	20 27.03	−18 51.4	2.020	2.930	10.3	20.1
9 8	20 22.64	−19 4.0	2.102	2.929	13.3	20.3

389943 2012 TC_{154} 8 1.6 257°.02 0°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.67	−14 7.9	1.847	2.725	13.1	21.8
7 10	21 5.53	−14 33.3	1.770	2.717	9.7	21.5
7 20	20 58.39	−15 8.7	1.716	2.709	5.7	21.3
7 30	20 49.92	−15 50.6	1.687	2.701	1.5	21.0
8 9	20 41.06	−16 34.4	1.686	2.693	3.2	21.1
8 19	20 32.81	−17 15.9	1.711	2.685	7.4	21.3
8 29	20 26.11	−17 51.3	1.762	2.676	11.3	21.6
9 8	20 21.68	−18 18.5	1.834	2.668	14.7	21.8

472776 2015 FG_{141} 8 1.6 324°.24 0°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.49	−15 14.6	1.417	2.313	15.3	20.5
7 10	21 5.18	−15 43.5	1.345	2.302	11.2	20.3
7 20	20 58.40	−16 24.4	1.294	2.291	6.5	20.0
7 30	20 49.95	−17 12.7	1.267	2.281	1.4	19.6
8 9	20 40.98	−18 2.2	1.265	2.272	3.9	19.8
8 19	20 32.78	−18 47.2	1.287	2.263	9.0	20.0
8 29	20 26.55	−19 23.2	1.332	2.255	13.6	20.3
9 8	20 23.12	−19 47.6	1.396	2.247	17.5	20.5

26925 1997 AK_2 8 1.6 209°.77 0°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.85	−18 7.4	2.720	3.592	9.6	19.8
7 10	21 4.39	−18 34.9	2.640	3.586	6.9	19.6
7 20	20 57.51	−19 6.5	2.585	3.579	3.9	19.4
7 30	20 49.73	−19 39.5	2.558	3.572	0.9	19.1
8 9	20 41.69	−20 10.7	2.560	3.564	2.6	19.3
8 19	20 34.08	−20 37.6	2.591	3.556	5.7	19.5
8 29	20 27.55	−20 58.3	2.649	3.548	8.6	19.7
9 8	20 22.63	−21 11.8	2.731	3.539	11.1	19.8

31679 Glenngrimmett 8 1.6 94°.14 3°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.52	−24 6.7	1.659	2.552	13.6	18.2
7 10	21 8.40	−24 46.2	1.605	2.560	9.8	18.0
7 20	21 0.02	−25 26.4	1.574	2.569	5.9	17.8
7 30	20 50.26	−26 1.5	1.568	2.578	3.2	17.6
8 9	20 40.29	−26 26.1	1.589	2.586	5.2	17.8
8 19	20 31.32	−26 37.3	1.636	2.594	9.0	18.0
8 29	20 24.35	−26 34.6	1.706	2.603	12.7	18.3
9 8	20 20.03	−26 19.2	1.797	2.611	15.8	18.5

185802 1999 VA_{166} 8 1.6 341°.86 7°.4/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.21	+ 3 18.7	2.011	2.821	14.8	19.8
7 10	21 2.84	+ 3 51.7	1.934	2.816	12.4	19.6
7 20	20 56.77	+ 4 5.3	1.877	2.812	10.0	19.5
7 30	20 49.60	+ 3 58.2	1.844	2.808	8.0	19.3
8 9	20 42.11	+ 3 31.1	1.835	2.804	7.5	19.3
8 19	20 35.13	+ 2 47.1	1.851	2.801	8.8	19.4
8 29	20 29.47	+ 1 51.0	1.891	2.798	11.1	19.5
9 8	20 25.72	+ 0 48.7	1.954	2.796	13.6	19.7

386277 2008 QD 8 1.6 313°.67 10°.7/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.35	+ 7 26.7	1.541	2.347	18.7	20.8
7 10	21 3.50	+ 8 8.3	1.459	2.332	16.3	20.5
7 20	20 57.43	+ 8 22.3	1.394	2.316	13.6	20.3
7 30	20 49.79	+ 8 4.8	1.349	2.301	11.5	20.2
8 9	20 41.56	+ 7 15.6	1.326	2.287	10.7	20.1
8 19	20 33.87	+ 5 58.3	1.325	2.273	11.8	20.1
8 29	20 27.85	+ 4 20.7	1.347	2.259	14.3	20.2
9 8	20 24.32	+ 2 32.7	1.389	2.246	17.2	20.4

504910 2011 AZ_{62} 8 1.6 195°.78 0°.6/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.28	−16 56.8	2.057	2.932	12.1	22.6
7 10	21 7.27	−17 39.9	1.982	2.929	8.8	22.4
7 20	20 59.34	−18 30.2	1.931	2.926	5.0	22.2
7 30	20 50.16	−19 23.5	1.908	2.922	1.1	21.9
8 9	20 40.62	−20 14.7	1.913	2.917	3.3	22.1
8 19	20 31.67	−20 59.6	1.946	2.912	7.2	22.3
8 29	20 24.22	−21 35.2	2.004	2.906	10.8	22.5
9 8	20 18.93	−22 0.4	2.086	2.899	13.9	22.7

20411 1998 QJ_{69} 8 1.6 74°.16 7°.0/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.18	+ 5 13.9	2.306	3.095	13.8	18.4
7 10	21 2.59	+ 5 31.9	2.233	3.100	11.6	18.2
7 20	20 56.53	+ 5 31.0	2.182	3.104	9.4	18.1
7 30	20 49.56	+ 5 10.4	2.153	3.109	7.6	18.0
8 9	20 42.37	+ 4 31.5	2.151	3.114	7.0	17.9
8 19	20 35.66	+ 3 37.5	2.174	3.118	8.0	18.0
8 29	20 30.12	+ 2 33.0	2.222	3.123	9.9	18.2
9 8	20 26.27	+ 1 23.5	2.294	3.128	12.1	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
380426 2003 HY_2			8 1.6 210°.88	8°.5/27.5 18		
	h m	° ′			°	m
6 30	21 18.92	−38 22.0	1.758	2.637	13.6	20.8
7 10	21 11.93	−39 27.9	1.704	2.635	11.0	20.6
7 20	21 2.21	−40 22.5	1.672	2.633	9.0	20.5
7 30	20 50.76	−40 57.2	1.664	2.631	8.5	20.5
8 9	20 39.01	−41 6.4	1.682	2.628	9.9	20.6
8 19	20 28.40	−40 48.6	1.723	2.626	12.3	20.7
8 29	20 20.18	−40 6.8	1.786	2.623	15.0	20.9
9 8	20 15.09	−39 6.1	1.867	2.620	17.4	21.1
183081 2002 RG_{52}			8 1.6 289°.47	0°.2/ 1.5 18		
6 30	21 11.70	−15 58.6	1.492	2.382	14.9	20.2
7 10	21 6.92	−16 32.8	1.404	2.359	11.0	19.9
7 20	20 59.54	−17 18.9	1.339	2.335	6.4	19.6
7 30	20 50.27	−18 12.2	1.297	2.311	1.3	19.2
8 9	20 40.23	−19 6.4	1.281	2.288	4.0	19.3
8 19	20 30.76	−19 55.3	1.290	2.264	9.3	19.5
8 29	20 23.19	−20 34.2	1.322	2.240	14.1	19.8
9 8	20 18.48	−21 0.5	1.374	2.216	18.2	20.0
483176 2015 PD_{55}			8 1.6 248°.23	6°.7/27.4 18		
6 30	21 17.17	−40 51.7	2.675	3.533	10.2	21.5
7 10	21 9.95	−41 31.0	2.605	3.520	8.4	21.4
7 20	21 0.80	−42 0.3	2.560	3.507	7.1	21.3
7 30	20 50.45	−42 14.2	2.541	3.494	6.8	21.2
8 9	20 39.87	−42 9.5	2.549	3.480	7.7	21.3
8 19	20 30.02	−41 45.3	2.582	3.466	9.5	21.4
8 29	20 21.82	−41 3.2	2.640	3.452	11.4	21.5
9 8	20 15.85	−40 6.3	2.719	3.438	13.2	21.6
280931 2006 AF_{96}			8 1.6 158°.81	6°.1/27.7 18		
6 30	21 14.66	−32 3.2	2.013	2.898	11.9	20.7
7 10	21 8.50	−33 34.0	1.960	2.903	9.1	20.6
7 20	21 0.14	−35 0.4	1.931	2.908	6.8	20.5
7 30	20 50.35	−36 14.4	1.929	2.912	6.2	20.4
8 9	20 40.21	−37 9.8	1.954	2.916	7.7	20.5
8 19	20 30.84	−37 43.3	2.005	2.919	10.3	20.7
8 29	20 23.29	−37 55.1	2.078	2.922	12.9	20.9
9 8	20 18.24	−37 47.8	2.172	2.924	15.3	21.1
254277 2004 RC_{205}			8 1.6 262°.09	6°.3/ 6.0 18		
6 30	21 9.08	+ 2 33.3	2.557	3.352	12.4	20.9
7 10	21 3.96	+ 3 9.0	2.461	3.335	10.4	20.7
7 20	20 57.37	+ 3 30.3	2.388	3.318	8.3	20.6
7 30	20 49.77	+ 3 35.7	2.340	3.301	6.7	20.4
8 9	20 41.82	+ 3 25.5	2.318	3.284	6.4	20.4
8 19	20 34.20	+ 3 1.5	2.323	3.266	7.6	20.4
8 29	20 27.61	+ 2 26.5	2.353	3.249	9.7	20.6
9 8	20 22.62	+ 1 44.9	2.408	3.231	12.0	20.7
328193 2008 EF_6			8 1.6 110°.97	3°.2/30.6 17		
6 30	21 15.72	−23 28.4	1.663	2.553	13.7	21.2
7 10	21 9.25	−24 26.4	1.615	2.569	9.9	21.0
7 20	21 0.51	−25 26.0	1.590	2.585	5.9	20.8
7 30	20 50.42	−26 20.2	1.591	2.600	3.3	20.7
8 9	20 40.15	−27 3.0	1.619	2.614	5.4	20.9
8 19	20 30.90	−27 30.8	1.673	2.628	9.1	21.1
8 29	20 23.69	−27 42.6	1.751	2.642	12.7	21.4
9 8	20 19.15	−27 40.0	1.849	2.655	15.7	21.6
33586 Keeley			8 1.6 53°.62	4°.7/30.1 18		
6 30	21 14.38	−27 11.1	1.499	2.398	14.4	18.3
7 10	21 8.55	−28 1.6	1.451	2.407	10.5	18.1
7 20	21 0.21	−28 50.1	1.424	2.417	6.8	17.9
7 30	20 50.36	−29 29.2	1.423	2.427	4.7	17.8
8 9	20 40.33	−29 52.9	1.447	2.436	6.7	17.9
8 19	20 31.42	−29 58.6	1.495	2.447	10.3	18.2
8 29	20 24.75	−29 46.5	1.565	2.457	13.9	18.4
9 8	20 20.98	−29 19.4	1.655	2.467	17.0	18.7
198650 2005 BR_4			8 1.6 197°.81	1°.9/31.4 18		
6 30	21 12.02	−20 58.8	1.874	2.762	12.5	20.4
7 10	21 6.50	−21 37.6	1.807	2.761	9.0	20.2
7 20	20 58.95	−22 20.4	1.764	2.760	5.2	20.0
7 30	20 50.11	−23 2.3	1.747	2.759	2.0	19.8
8 9	20 40.97	−23 38.1	1.757	2.758	4.1	19.9
8 19	20 32.54	−24 4.4	1.794	2.757	8.0	20.1
8 29	20 25.78	−24 19.2	1.855	2.756	11.6	20.4
9 8	20 21.34	−24 22.4	1.938	2.755	14.7	20.6
35794 1999 JB_{31}			8 1.6 195°.77	3°.3/30.7 18		
6 30	21 16.59	−23 47.3	1.623	2.513	13.9	19.3
7 10	21 10.14	−24 35.3	1.557	2.512	10.2	19.1
7 20	21 1.19	−25 25.4	1.515	2.509	6.1	18.9
7 30	20 50.60	−26 11.0	1.498	2.507	3.3	18.7
8 9	20 39.60	−26 45.6	1.507	2.504	5.6	18.8
8 19	20 29.51	−27 5.3	1.543	2.500	9.6	19.1
8 29	20 21.51	−27 9.2	1.602	2.496	13.5	19.3
9 8	20 16.35	−26 58.6	1.681	2.491	16.8	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
124769 2001 SJ_{244}			8 1.6 326°.44	5°.6/29.4 17		
	h m	° ′			°	m
6 30	21 10.66	−26 47.9	1.290	2.201	15.4	19.2
7 10	21 6.50	−27 57.9	1.224	2.187	11.4	18.9
7 20	20 59.40	−29 9.9	1.178	2.172	7.5	18.7
7 30	20 50.26	−30 14.1	1.156	2.159	5.6	18.5
8 9	20 40.49	−31 1.4	1.157	2.146	8.0	18.6
8 19	20 31.65	−31 26.3	1.180	2.134	12.2	18.8
8 29	20 25.20	−31 27.2	1.224	2.123	16.4	19.1
9 8	20 22.07	−31 6.6	1.286	2.113	20.1	19.3
477761 2010 XW_{51}			8 1.6 229°.05	5°.0/ 6.1 18		
6 30	21 7.43	+ 1 36.4	2.986	3.781	10.8	21.7
7 10	21 2.56	+ 1 47.2	2.892	3.770	8.9	21.6
7 20	20 56.48	+ 1 44.7	2.821	3.758	6.9	21.4
7 30	20 49.59	+ 1 28.8	2.777	3.746	5.4	21.3
8 9	20 42.45	+ 1 0.6	2.759	3.733	5.0	21.3
8 19	20 35.61	+ 0 22.1	2.770	3.720	6.2	21.3
8 29	20 29.64	− 0 23.7	2.807	3.707	8.2	21.5
9 8	20 25.01	− 1 13.2	2.869	3.693	10.2	21.6
231602 2009 BD_{131}			8 1.6 255°.90	1°.2/31.9 17		
6 30	21 12.64	−16 45.2	1.408	2.302	15.5	20.4
7 10	21 7.59	−17 45.2	1.337	2.293	11.3	20.1
7 20	20 59.90	−18 57.7	1.287	2.285	6.4	19.8
7 30	20 50.36	−20 16.0	1.262	2.276	1.5	19.5
8 9	20 40.22	−21 31.5	1.262	2.267	4.6	19.7
8 19	20 30.86	−22 36.8	1.287	2.258	9.7	20.0
8 29	20 23.60	−23 27.1	1.335	2.248	14.3	20.2
9 8	20 19.31	−24 0.5	1.403	2.239	18.3	20.4
516827 2010 TM_{105}			8 1.6 241°.08	3°.0/30.4 18		
6 30	21 11.66	−26 28.6	2.432	3.315	10.2	22.3
7 10	21 5.93	−27 0.4	2.358	3.307	7.5	22.1
7 20	20 58.51	−27 31.2	2.308	3.299	4.7	21.9
7 30	20 50.02	−27 56.8	2.286	3.291	3.0	21.8
8 9	20 41.27	−28 13.8	2.292	3.282	4.5	21.9
8 19	20 33.08	−28 20.0	2.325	3.274	7.3	22.0
8 29	20 26.23	−28 14.8	2.384	3.265	10.2	22.2
9 8	20 21.31	−27 58.8	2.465	3.256	12.7	22.4
454836 2015 RY_{213}			8 1.6 309°.57	2°.3/ 3.5 18		
6 30	21 7.11	− 8 30.5	2.132	2.992	12.3	20.5
7 10	21 2.73	− 9 0.1	2.053	2.987	9.3	20.3
7 20	20 56.73	− 9 42.9	1.998	2.981	6.0	20.0
7 30	20 49.66	−10 36.5	1.968	2.976	2.9	19.8
8 9	20 42.28	−11 36.9	1.966	2.971	3.1	19.8
8 19	20 35.39	−12 39.6	1.991	2.966	6.4	20.0
8 29	20 29.75	−13 40.1	2.042	2.961	9.8	20.2
9 8	20 25.95	−14 34.7	2.116	2.956	12.8	20.4
22289 1988 XV_1			8 1.6 315°.58	8°.6/24.6 18		
6 30	21 11.12	−37 49.2	1.892	2.780	12.4	16.7
7 10	21 6.46	−39 38.2	1.824	2.758	10.3	16.6
7 20	20 59.27	−41 20.9	1.778	2.736	8.8	16.4
7 30	20 50.25	−42 47.6	1.758	2.715	8.9	16.4
8 9	20 40.53	−43 50.4	1.762	2.694	10.5	16.4
8 19	20 31.42	−44 25.3	1.789	2.673	12.9	16.6
8 29	20 24.23	−44 31.9	1.836	2.653	15.5	16.7
9 8	20 19.88	−44 13.7	1.901	2.633	17.8	16.8
171180 2005 HK			8 1.6 182°.25	1°.4/31.7 18		
6 30	21 12.08	−20 36.2	1.939	2.825	12.2	21.0
7 10	21 6.45	−21 0.8	1.872	2.825	8.8	20.8
7 20	20 58.89	−21 28.8	1.829	2.825	5.1	20.6
7 30	20 50.12	−21 56.2	1.812	2.825	1.6	20.4
8 9	20 41.08	−22 18.8	1.822	2.825	3.8	20.5
8 19	20 32.75	−22 33.7	1.859	2.825	7.6	20.7
8 29	20 26.04	−22 39.2	1.921	2.825	11.1	21.0
9 8	20 21.57	−22 35.4	2.005	2.825	14.1	21.2
62641 2000 SZ_{358}			8 1.6 300°.22	1°.0/31.8 18		
6 30	21 8.18	−17 9.5	2.007	2.892	11.9	18.8
7 10	21 3.70	−18 10.0	1.930	2.882	8.6	18.6
7 20	20 57.38	−19 19.3	1.876	2.873	4.9	18.4
7 30	20 49.82	−20 32.2	1.850	2.864	1.2	18.1
8 9	20 41.87	−21 43.0	1.851	2.855	3.5	18.3
8 19	20 34.42	−22 46.6	1.879	2.846	7.4	18.5
8 29	20 28.38	−23 38.9	1.933	2.837	11.0	18.7
9 8	20 24.40	−24 18.3	2.008	2.829	14.1	18.9
508441 2016 LF_{21}			8 1.6 23°.74	5°.6/ 4.5 17		
6 30	21 9.83	− 5 17.3	1.218	2.094	18.6	21.1
7 10	21 5.48	− 5 1.2	1.162	2.099	14.5	20.9
7 20	20 58.58	− 5 7.1	1.126	2.105	10.1	20.6
7 30	20 50.07	− 5 34.3	1.111	2.112	6.3	20.4
8 9	20 41.24	− 6 18.7	1.118	2.119	6.1	20.4
8 19	20 33.41	− 7 13.8	1.149	2.127	9.6	20.7
8 29	20 27.76	− 8 12.5	1.202	2.136	13.8	20.9
9 8	20 25.02	− 9 8.0	1.274	2.145	17.6	21.2

87301 2000 PT_{25} 8 1.6 307°.62 8°.8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.80	+ 0 49.6	1.583	2.414	17.2	18.5
7 10	21 6.67	+ 2 0.9	1.504	2.402	14.4	18.3
7 20	20 59.25	+ 2 53.5	1.444	2.389	11.5	18.1
7 30	20 50.24	+ 3 23.7	1.406	2.377	9.3	17.9
8 9	20 40.67	+ 3 30.5	1.392	2.366	8.9	17.9
8 19	20 31.71	+ 3 15.4	1.402	2.354	10.8	18.0
8 29	20 24.48	+ 2 43.2	1.435	2.343	13.8	18.1
9 8	20 19.79	+ 2 0.3	1.487	2.332	16.9	18.3

171775 2001 BC_{20} 8 1.6 231°.64 2°.6/30.9 18

6 30	21 14.89	−21 41.2	1.753	2.641	13.2	21.0
7 10	21 8.89	−22 36.0	1.676	2.630	9.6	20.8
7 20	21 0.51	−23 36.0	1.622	2.618	5.7	20.5
7 30	20 50.50	−24 34.8	1.595	2.606	2.6	20.3
8 9	20 39.94	−25 25.8	1.594	2.592	5.0	20.4
8 19	20 30.06	−26 4.3	1.620	2.579	9.1	20.6
8 29	20 21.99	−26 27.7	1.670	2.565	13.0	20.8
9 8	20 16.55	−26 36.1	1.741	2.550	16.4	21.0

66128 1998 SV_{114} 8 1.6 309°.43 0°.1/ 1.5 18

6 30	21 8.19	−16 32.2	2.065	2.948	11.7	19.0
7 10	21 3.67	−16 58.1	1.981	2.931	8.6	18.8
7 20	20 57.35	−17 31.4	1.920	2.915	4.9	18.6
7 30	20 49.82	−18 8.7	1.885	2.900	1.0	18.2
8 9	20 41.91	−18 45.9	1.878	2.884	3.0	18.4
8 19	20 34.48	−19 19.5	1.897	2.869	7.0	18.6
8 29	20 28.40	−19 46.3	1.942	2.853	10.6	18.8
9 8	20 24.33	−20 4.8	2.008	2.839	13.7	19.0

440970 2007 BG_{102} 8 1.6 92°.11 2°.2/30.7 18

6 30	21 9.99	−22 23.6	2.376	3.260	10.4	20.9
7 10	21 4.60	−23 18.1	2.325	3.277	7.4	20.7
7 20	20 57.69	−24 14.3	2.299	3.294	4.3	20.6
7 30	20 49.86	−25 7.8	2.301	3.311	2.2	20.5
8 9	20 41.90	−25 54.2	2.332	3.328	3.9	20.6
8 19	20 34.55	−26 30.7	2.390	3.344	6.8	20.8
8 29	20 28.54	−26 55.6	2.474	3.361	9.6	21.0
9 8	20 24.35	−27 9.1	2.580	3.377	12.0	21.2

24101 Cassini 8 1.6 271°.64 5°.8/ 5.9 18

6 30	21 9.72	+ 0 57.0	2.134	2.947	14.0	17.8
7 10	21 4.82	+ 0 50.3	2.027	2.920	11.5	17.6
7 20	20 58.08	+ 0 24.1	1.942	2.892	8.8	17.3
7 30	20 50.01	− 0 22.2	1.882	2.863	6.4	17.1
8 9	20 41.36	− 1 26.7	1.848	2.834	5.9	17.1
8 19	20 33.00	− 2 45.2	1.841	2.804	7.9	17.1
8 29	20 25.83	− 4 12.0	1.861	2.774	10.9	17.2
9 8	20 20.57	− 5 40.7	1.904	2.743	14.0	17.4

148137 1999 TP_{311} 8 1.6 323°.02 0°.0/ 1.4 18

6 30	21 8.02	−16 11.5	1.805	2.693	12.9	19.8
7 10	21 3.76	−16 36.0	1.723	2.676	9.4	19.5
7 20	20 57.50	−17 9.2	1.664	2.660	5.5	19.3
7 30	20 49.88	−17 47.3	1.630	2.644	1.1	18.9
8 9	20 41.81	−18 26.0	1.622	2.629	3.3	19.1
8 19	20 34.30	−19 0.9	1.640	2.614	7.6	19.3
8 29	20 28.32	−19 28.7	1.683	2.600	11.6	19.5
9 8	20 24.59	−19 47.3	1.747	2.586	15.1	19.7

66600 1999 RQ_{184} 8 1.6 329°.95 3°.6/30.6 18

6 30	21 9.11	−23 12.7	1.337	2.247	15.0	18.2
7 10	21 5.23	−24 3.5	1.265	2.229	11.0	17.9
7 20	20 58.64	−24 59.4	1.214	2.212	6.6	17.6
7 30	20 50.14	−25 52.9	1.186	2.196	3.6	17.4
8 9	20 41.03	−26 36.2	1.182	2.181	6.2	17.5
8 19	20 32.74	−27 3.6	1.202	2.167	10.8	17.8
8 29	20 26.62	−27 12.6	1.243	2.154	15.3	18.0
9 8	20 23.59	−27 3.7	1.301	2.142	19.2	18.2

226004 2002 EB 8 1.6 210°.86 12°.9/19.4 18

6 30	21 23.78	−52 41.3	1.987	2.815	14.3	20.0
7 10	21 16.40	−54 54.0	1.951	2.811	13.3	20.0
7 20	21 5.33	−56 46.3	1.937	2.807	12.9	19.9
7 30	20 51.58	−58 7.4	1.945	2.802	13.4	20.0
8 9	20 36.95	−58 50.8	1.974	2.797	14.5	20.0
8 19	20 23.53	−58 55.9	2.023	2.792	15.9	20.1
8 29	20 13.15	−58 26.8	2.088	2.787	17.4	20.2
9 8	20 6.88	−57 31.1	2.168	2.781	18.7	20.4

86090 1999 RT_{90} 8 1.6 271°.19 1°.5/ 2.9 18

6 30	21 7.74	−10 48.6	2.254	3.118	11.6	19.5
7 10	21 3.15	−11 17.7	2.173	3.110	8.7	19.3
7 20	20 56.97	−11 57.6	2.115	3.103	5.4	19.1
7 30	20 49.75	−12 45.9	2.085	3.096	2.1	18.9
8 9	20 42.22	−13 38.6	2.082	3.088	2.8	18.9
8 19	20 35.14	−14 32.0	2.107	3.081	6.2	19.1
8 29	20 29.28	−15 22.0	2.158	3.073	9.5	19.3
9 8	20 25.19	−16 5.9	2.233	3.066	12.4	19.5

465636 2009 KS_{15} 8 1.6 50°.45 1°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.37	−12 2.4	1.255	2.147	17.1	21.2
7 10	21 6.56	−12 38.1	1.204	2.157	12.6	20.9
7 20	20 59.19	−13 29.9	1.173	2.167	7.5	20.7
7 30	20 50.22	−14 32.5	1.165	2.178	2.3	20.4
8 9	20 40.97	−15 38.6	1.181	2.189	3.9	20.5
8 19	20 32.79	−16 40.9	1.221	2.200	9.0	20.9
8 29	20 26.84	−17 33.7	1.284	2.211	13.6	21.2
9 8	20 23.83	−18 13.9	1.367	2.223	17.5	21.4

81352 2000 GN_{50} 8 1.6 292°.37 3°.5/ 4.1 18

6 30	21 8.64	− 6 30.2	1.909	2.765	13.7	19.6
7 10	21 4.01	− 6 38.6	1.830	2.758	10.6	19.4
7 20	20 57.56	− 7 2.2	1.773	2.750	7.2	19.2
7 30	20 49.88	− 7 39.4	1.740	2.743	4.1	19.0
8 9	20 41.84	− 8 27.1	1.734	2.736	4.1	19.0
8 19	20 34.33	− 9 20.7	1.755	2.729	7.2	19.1
8 29	20 28.25	−10 15.6	1.801	2.722	10.7	19.3
9 8	20 24.23	−11 7.2	1.869	2.715	13.9	19.5

510763 2012 YA_{9} 8 1.6 232°.71 3°.8/28.8 18

6 30	21 12.15	−23 48.1	2.167	3.052	11.2	21.5
7 10	21 6.67	−25 44.6	2.092	3.043	8.1	21.3
7 20	20 59.18	−27 46.4	2.042	3.034	5.2	21.1
7 30	20 50.24	−29 45.3	2.022	3.024	3.9	21.0
8 9	20 40.74	−31 33.5	2.032	3.014	5.9	21.1
8 19	20 31.65	−33 4.5	2.070	3.003	9.0	21.3
8 29	20 23.97	−34 15.1	2.133	2.992	12.0	21.5
9 8	20 18.44	−35 5.2	2.217	2.981	14.7	21.6

517936 2015 TY_{242} 8 1.6 309°.26 3°.2/30.3 18

6 30	21 9.56	−25 4.8	2.056	2.948	11.4	20.8
7 10	21 4.76	−25 49.9	1.976	2.931	8.3	20.6
7 20	20 58.03	−26 36.3	1.921	2.914	5.2	20.4
7 30	20 49.99	−27 18.9	1.891	2.897	3.2	20.2
8 9	20 41.53	−27 52.8	1.888	2.881	5.0	20.3
8 19	20 33.63	−28 14.5	1.911	2.865	8.3	20.5
8 29	20 27.21	−28 22.4	1.959	2.849	11.6	20.6
9 8	20 22.95	−28 17.0	2.028	2.833	14.5	20.8

307312 2002 QJ_{84} 8 1.6 125°.85 3°.7/31.3 18

6 30	21 26.22	−28 36.2	1.809	2.681	13.6	20.1
7 10	21 16.55	−28 31.9	1.754	2.697	10.0	19.9
7 20	21 4.55	−28 21.4	1.725	2.713	6.3	19.7
7 30	20 51.29	−28 0.0	1.722	2.728	3.7	19.6
8 9	20 38.11	−27 25.4	1.749	2.742	5.3	19.7
8 19	20 26.29	−26 38.3	1.804	2.756	8.8	20.0
8 29	20 16.84	−25 41.2	1.885	2.769	12.3	20.2
9 8	20 10.31	−24 37.9	1.988	2.781	15.2	20.5

141446 2002 CC_{58} 8 1.6 328°.83 0°.3/ 1.4 18

6 30	21 9.83	−17 30.0	1.986	2.869	12.1	19.8
7 10	21 4.82	−17 46.6	1.913	2.864	8.8	19.6
7 20	20 57.98	−18 9.1	1.864	2.860	5.0	19.4
7 30	20 49.96	−18 34.1	1.841	2.856	1.0	19.1
8 9	20 41.66	−18 57.9	1.846	2.852	3.1	19.2
8 19	20 33.98	−19 17.5	1.877	2.848	7.1	19.5
8 29	20 27.78	−19 30.7	1.933	2.844	10.6	19.7
9 8	20 23.67	−19 36.3	2.011	2.841	13.7	19.9

54781 2001 LA_{19} 8 1.6 301°.11 7°.1/ 4.9 18

6 30	21 10.11	− 2 4.0	1.488	2.339	17.2	18.5
7 10	21 5.74	− 1 28.8	1.395	2.312	14.0	18.2
7 20	20 58.90	− 1 13.3	1.322	2.286	10.6	18.0
7 30	20 50.23	− 1 19.8	1.270	2.259	7.7	17.7
8 9	20 40.76	− 1 47.8	1.242	2.232	7.4	17.7
8 19	20 31.74	− 2 34.0	1.238	2.206	10.2	17.7
8 29	20 24.44	− 3 32.3	1.256	2.180	14.1	17.9
9 8	20 19.84	− 4 35.6	1.294	2.154	18.1	18.1

423227 2004 RE_{268} 8 1.6 357°.34 3°.9/30.9 16

6 30	21 15.75	−26 30.9	1.472	2.370	14.7	20.6
7 10	21 9.66	−26 48.5	1.412	2.369	10.8	20.4
7 20	21 0.94	−27 3.9	1.373	2.368	6.7	20.2
7 30	20 50.59	−27 11.0	1.359	2.367	3.9	20.0
8 9	20 39.97	−27 5.2	1.370	2.367	6.0	20.1
8 19	20 30.46	−26 44.8	1.406	2.367	10.0	20.4
8 29	20 23.25	−26 10.6	1.465	2.367	14.0	20.6
9 8	20 19.04	−25 25.3	1.543	2.368	17.4	20.8

186499 2002 TD_{343} 8 1.6 185°.85 3°.2/30.5 17

6 30	21 14.51	−23 33.9	1.803	2.692	12.9	21.1
7 10	21 8.46	−24 34.0	1.738	2.692	9.4	20.9
7 20	21 0.18	−25 36.7	1.697	2.691	5.6	20.7
7 30	20 50.44	−26 35.4	1.682	2.691	3.2	20.5
8 9	20 40.34	−27 23.9	1.695	2.689	5.3	20.6
8 19	20 31.00	−27 58.1	1.734	2.687	9.0	20.8
8 29	20 23.50	−28 16.2	1.797	2.685	12.6	21.1
9 8	20 18.53	−28 19.2	1.881	2.682	15.6	21.3

169479 2002 CB_{134} 8 1.6 214.°62 1.°7/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.87	−11 33.7	1.499	2.377	15.6	20.5
7 10	21 7.51	−12 0.3	1.429	2.374	11.6	20.3
7 20	20 59.75	−12 41.5	1.380	2.371	7.1	20.0
7 30	20 50.37	−13 33.8	1.356	2.368	2.5	19.7
8 9	20 40.53	−14 31.2	1.357	2.364	3.7	19.8
8 19	20 31.47	−15 27.9	1.384	2.360	8.5	20.1
8 29	20 24.36	−16 18.5	1.435	2.356	12.9	20.3
9 8	20 19.96	−16 59.5	1.506	2.352	16.8	20.5

505436 2013 SL_{28} 8 1.6 285.°82 0.°8/ 1.2 18

6 30	21 13.63	−18 20.5	1.552	2.443	14.5	21.8
7 10	21 8.31	−18 42.8	1.463	2.418	10.7	21.5
7 20	21 0.37	−19 12.9	1.396	2.393	6.2	21.2
7 30	20 50.55	−19 46.3	1.354	2.368	1.4	20.8
8 9	20 39.97	−20 17.4	1.337	2.343	4.2	21.0
8 19	20 29.99	−20 41.6	1.346	2.318	9.2	21.2
8 29	20 21.90	−20 55.7	1.378	2.292	13.9	21.4
9 8	20 16.67	−20 58.7	1.430	2.267	18.0	21.6

47220 1999 UJ_{46} 8 1.6 215.°79 0.°7/ 1.9 18

6 30	21 15.07	−15 17.1	1.767	2.642	13.7	20.0
7 10	21 8.84	−15 24.8	1.690	2.636	10.1	19.8
7 20	21 0.40	−15 40.6	1.637	2.630	6.0	19.5
7 30	20 50.51	−16 1.2	1.609	2.623	1.5	19.2
8 9	20 40.20	−16 22.9	1.609	2.616	3.3	19.3
8 19	20 30.61	−16 42.2	1.636	2.608	7.8	19.6
8 29	20 22.78	−16 56.4	1.687	2.600	11.9	19.8
9 8	20 17.43	−17 4.2	1.760	2.591	15.3	20.0

521634 2015 QG_{16} 8 1.6 351.°56 2.°3/31.2 18

6 30	21 11.50	−23 49.0	2.016	2.905	11.7	21.1
7 10	21 6.01	−24 8.1	1.950	2.903	8.5	20.8
7 20	20 58.65	−24 27.6	1.907	2.902	5.0	20.6
7 30	20 50.12	−24 43.6	1.890	2.900	2.4	20.5
8 9	20 41.36	−24 52.4	1.900	2.899	4.2	20.6
8 19	20 33.31	−24 51.8	1.938	2.899	7.7	20.8
8 29	20 26.85	−24 41.3	1.999	2.898	11.0	21.0
9 8	20 22.57	−24 21.3	2.083	2.898	13.9	21.2

488388 2016 WN_{47} 8 1.6 287.°79 4.°4/29.2 18

6 30	21 10.80	−27 55.6	2.046	2.938	11.4	20.1
7 10	21 5.70	−29 0.2	1.975	2.927	8.5	19.9
7 20	20 58.59	−30 4.4	1.928	2.917	5.7	19.7
7 30	20 50.13	−31 1.8	1.908	2.906	4.4	19.6
8 9	20 41.27	−31 46.7	1.914	2.896	6.1	19.7
8 19	20 33.01	−32 15.7	1.946	2.885	9.1	19.9
8 29	20 26.33	−32 27.4	2.002	2.875	12.1	20.0
9 8	20 21.90	−32 23.1	2.079	2.865	14.8	20.2

361946 2008 HV_{58} 8 1.6 12.°53 6.°0/28.1 18

6 30	21 11.68	−33 12.2	2.048	2.936	11.6	20.7
7 10	21 6.30	−34 18.1	1.993	2.937	8.9	20.5
7 20	20 58.88	−35 18.3	1.962	2.938	6.7	20.4
7 30	20 50.17	−36 6.3	1.956	2.939	6.1	20.4
8 9	20 41.20	−36 37.1	1.977	2.941	7.5	20.5
8 19	20 33.00	−36 48.3	2.023	2.943	9.9	20.6
8 29	20 26.51	−36 40.4	2.092	2.945	12.5	20.8
9 8	20 22.39	−36 15.8	2.181	2.947	14.8	21.0

273533 2007 BR_{32} 8 1.6 300.°90 0.°5/ 1.9 18

6 30	21 11.82	−15 27.2	1.408	2.301	15.5	21.1
7 10	21 7.11	−15 39.1	1.324	2.279	11.5	20.8
7 20	20 59.73	−16 1.7	1.261	2.257	6.8	20.5
7 30	20 50.43	−16 31.7	1.221	2.235	1.6	20.1
8 9	20 40.39	−17 3.9	1.206	2.214	4.0	20.2
8 19	20 31.01	−17 33.2	1.215	2.192	9.3	20.4
8 29	20 23.62	−17 55.7	1.247	2.171	14.2	20.7
9 8	20 19.21	−18 8.8	1.299	2.151	18.5	20.9

424029 2006 XA_{72} 8 1.6 111.°51 0.°5/ 1.3 17

6 30	21 12.41	−16 22.5	1.623	2.509	14.2	21.4
7 10	21 6.97	−17 5.9	1.563	2.516	10.3	21.1
7 20	20 59.34	−17 58.6	1.526	2.522	5.9	20.9
7 30	20 50.30	−18 55.1	1.513	2.528	1.2	20.6
8 9	20 40.98	−19 49.4	1.528	2.534	3.7	20.8
8 19	20 32.48	−20 36.4	1.568	2.539	8.2	21.1
8 29	20 25.85	−21 12.6	1.633	2.545	12.2	21.3
9 8	20 21.75	−21 36.6	1.719	2.550	15.6	21.6

149147 2002 EZ_{128} 8 1.6 146.°50 1.°0/31.9 18

6 30	21 9.82	−19 22.6	2.338	3.218	10.7	20.7
7 10	21 4.57	−19 52.7	2.270	3.220	7.7	20.5
7 20	20 57.75	−20 26.7	2.227	3.223	4.4	20.3
7 30	20 49.96	−21 1.1	2.212	3.225	1.2	20.0
8 9	20 41.95	−21 32.2	2.224	3.227	3.1	20.2
8 19	20 34.49	−21 57.4	2.264	3.230	6.4	20.4
8 29	20 28.34	−22 14.7	2.330	3.232	9.5	20.6
9 8	20 24.00	−22 23.4	2.419	3.233	12.2	20.8

361481 2007 DW_{85} 8 1.6 171.°22 0.°9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.47	−12 40.7	2.580	3.443	10.4	21.6
7 10	21 3.46	−13 6.6	2.506	3.445	7.6	21.4
7 20	20 57.08	−13 40.3	2.457	3.446	4.6	21.2
7 30	20 49.82	−14 19.4	2.435	3.448	1.5	21.0
8 9	20 42.36	−15 0.8	2.442	3.449	2.4	21.1
8 19	20 35.34	−15 41.2	2.478	3.450	5.5	21.3
8 29	20 29.43	−16 18.1	2.541	3.451	8.5	21.5
9 8	20 25.10	−16 49.3	2.627	3.451	11.1	21.7

15736 Hamanasu 8 1.6 210.°79 2.°4/30.9 18

6 30	21 13.67	−21 42.4	1.950	2.834	12.2	18.1
7 10	21 7.77	−22 36.2	1.876	2.829	8.9	17.9
7 20	20 59.79	−23 34.3	1.827	2.823	5.2	17.7
7 30	20 50.42	−24 30.9	1.805	2.816	2.4	17.5
8 9	20 40.65	−25 20.3	1.811	2.809	4.5	17.6
8 19	20 31.51	−25 58.4	1.843	2.801	8.2	17.8
8 29	20 24.00	−26 22.9	1.901	2.793	11.8	18.0
9 8	20 18.82	−26 33.7	1.980	2.784	14.8	18.2

443583 2014 KE_{71} 8 1.6 308.°26 4.°4/28.9 18

6 30	21 9.32	−26 37.3	1.967	2.862	11.7	20.8
7 10	21 4.75	−27 59.5	1.894	2.849	8.6	20.6
7 20	20 58.12	−29 23.6	1.846	2.836	5.7	20.4
7 30	20 50.08	−30 42.4	1.824	2.823	4.5	20.3
8 9	20 41.57	−31 49.1	1.828	2.811	6.3	20.3
8 19	20 33.60	−32 39.0	1.859	2.799	9.5	20.5
8 29	20 27.20	−33 9.9	1.913	2.787	12.6	20.7
9 8	20 23.09	−33 22.4	1.987	2.775	15.4	20.9

494372 2016 UV_{27} 8 1.6 208.°61 3.°6/30.1 18

6 30	21 12.69	−27 18.2	2.164	3.050	11.1	21.5
7 10	21 6.85	−27 56.7	2.098	3.049	8.2	21.3
7 20	20 59.15	−28 33.5	2.057	3.047	5.3	21.1
7 30	20 50.27	−29 3.8	2.042	3.045	3.6	21.0
8 9	20 41.14	−29 23.4	2.055	3.043	5.2	21.1
8 19	20 32.70	−29 30.0	2.094	3.041	8.1	21.3
8 29	20 25.82	−29 23.3	2.159	3.039	11.1	21.5
9 8	20 21.09	−29 4.4	2.245	3.037	13.7	21.7

72834 Guywells 8 1.6 233.°77 4.°8/ 5.3 18

6 30	21 9.37	− 1 39.2	2.164	2.991	13.4	19.8
7 10	21 4.42	− 1 46.2	2.077	2.981	10.7	19.6
7 20	20 57.77	− 2 10.2	2.012	2.971	7.8	19.4
7 30	20 50.00	− 2 50.6	1.972	2.961	5.4	19.3
8 9	20 41.85	− 3 44.9	1.959	2.951	5.0	19.2
8 19	20 34.14	− 4 49.0	1.973	2.940	7.2	19.3
8 29	20 27.67	− 5 57.9	2.014	2.928	10.1	19.5
9 8	20 23.06	− 7 6.5	2.078	2.917	13.0	19.7

193477 2000 XO_{36} 8 1.6 209.°98 2.°7/31.2 18 R

6 30	21 16.48	−25 2.9	1.995	2.877	12.1	19.9
7 10	21 9.69	−25 19.5	1.924	2.873	8.8	19.7
7 20	21 0.82	−25 35.2	1.876	2.869	5.3	19.5
7 30	20 50.63	−25 45.6	1.855	2.864	2.8	19.3
8 9	20 40.16	−25 46.9	1.862	2.859	4.6	19.4
8 19	20 30.48	−25 37.3	1.897	2.854	8.1	19.6
8 29	20 22.54	−25 16.8	1.956	2.848	11.5	19.8
9 8	20 17.01	−24 46.8	2.038	2.842	14.5	20.0

363374 2002 TW_{278} 8 1.6 312.°47 7.°3/ 6.0 18

6 30	21 8.32	+ 0 59.5	1.767	2.595	15.8	20.3
7 10	21 3.98	+ 1 30.6	1.683	2.582	13.1	20.1
7 20	20 57.66	+ 1 41.7	1.620	2.569	10.2	19.9
7 30	20 49.99	+ 1 31.3	1.579	2.556	7.9	19.7
8 9	20 41.86	+ 1 0.1	1.563	2.543	7.4	19.6
8 19	20 34.23	+ 0 11.7	1.571	2.531	9.2	19.7
8 29	20 28.09	− 0 48.6	1.603	2.519	12.1	19.9
9 8	20 24.14	− 1 54.1	1.657	2.508	15.2	20.0

55296 2001 SG_{44} 8 1.6 308.°58 0.°7/ 1.2 18

6 30	21 10.99	−16 43.8	1.517	2.410	14.6	19.0
7 10	21 6.20	−17 29.5	1.449	2.404	10.6	18.8
7 20	20 59.04	−18 25.6	1.402	2.399	6.1	18.5
7 30	20 50.29	−19 26.4	1.380	2.395	1.3	18.2
8 9	20 41.09	−20 25.3	1.384	2.390	4.0	18.4
8 19	20 32.65	−21 16.3	1.413	2.385	8.8	18.6
8 29	20 26.13	−21 55.4	1.466	2.381	13.1	18.9
9 8	20 22.30	−22 20.9	1.538	2.377	16.8	19.1

39988 1998 HO_{33} 8 1.6 350.°86 21.°8/20.7 18

6 30	21 3.35	+25 8.3	1.187	1.910	27.4	17.1
7 10	21 1.22	+27 9.6	1.129	1.901	26.1	16.9
7 20	20 56.44	+28 27.3	1.082	1.894	24.7	16.8
7 30	20 49.78	+28 51.1	1.047	1.888	23.3	16.7
8 9	20 42.46	+28 15.3	1.023	1.883	22.3	16.6
8 19	20 35.90	+26 40.3	1.014	1.880	21.9	16.6
8 29	20 31.50	+24 13.7	1.020	1.879	22.1	16.6
9 8	20 30.22	+21 10.5	1.040	1.879	23.0	16.6

294018 2007 TX_{111} 8 1.6 245°.19 6°.7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.80	+ 3 42.3	2.370	3.162	13.4	21.0
7 10	21 4.65	+ 4 4.5	2.275	3.146	11.2	20.9
7 20	20 57.90	+ 4 9.4	2.201	3.130	9.0	20.7
7 30	20 50.04	+ 3 55.9	2.152	3.113	7.2	20.6
8 9	20 41.78	+ 3 24.6	2.128	3.096	6.8	20.5
8 19	20 33.88	+ 2 38.0	2.132	3.078	8.0	20.5
8 29	20 27.09	+ 1 40.3	2.161	3.060	10.3	20.7
9 8	20 22.02	+ 0 36.6	2.214	3.041	12.7	20.8

445460 2010 VF_{37} 8 1.6 288°.92 5°.3/27.7 18

6 30	21 10.60	−30 17.6	2.217	3.105	10.8	20.7
7 10	21 5.64	−31 45.0	2.135	3.083	8.2	20.5
7 20	20 58.65	−33 12.0	2.079	3.061	6.0	20.3
7 30	20 50.23	−34 31.6	2.050	3.038	5.4	20.2
8 9	20 41.23	−35 37.3	2.048	3.016	7.0	20.3
8 19	20 32.67	−36 24.8	2.073	2.993	9.7	20.4
8 29	20 25.54	−36 52.2	2.120	2.971	12.5	20.5
9 8	20 20.60	−37 0.7	2.188	2.948	15.0	20.7

296736 2009 TH_{20} 8 1.6 334°.11 7°.6/ 5.4 18

6 30	21 6.86	− 0 28.4	1.681	2.522	15.9	19.4
7 10	21 3.05	+ 0 24.9	1.593	2.500	13.2	19.2
7 20	20 57.21	+ 1 0.6	1.525	2.479	10.4	18.9
7 30	20 49.93	+ 1 16.0	1.480	2.458	8.1	18.8
8 9	20 42.11	+ 1 11.0	1.458	2.439	7.8	18.7
8 19	20 34.77	+ 0 47.3	1.460	2.421	9.7	18.8
8 29	20 28.94	+ 0 9.6	1.485	2.403	12.8	18.9
9 8	20 25.38	− 0 36.3	1.530	2.387	15.9	19.1

124032 2001 FN_{126} 8 1.6 191°.36 6°.1/27.4 18 R

6 30	21 14.21	−38 13.1	2.654	3.522	9.9	20.2
7 10	21 7.82	−39 4.1	2.596	3.521	8.0	20.1
7 20	20 59.66	−39 46.8	2.563	3.520	6.5	20.0
7 30	20 50.40	−40 16.1	2.556	3.518	6.2	19.9
8 9	20 40.94	−40 28.7	2.576	3.517	7.2	20.0
8 19	20 32.16	−40 23.3	2.622	3.515	9.0	20.1
8 29	20 24.88	−40 0.8	2.691	3.513	11.0	20.3
9 8	20 19.68	−39 23.9	2.782	3.510	12.8	20.4

171041 2005 EH_{84} 8 1.6 93°.68 2°.4/31.4 17

6 30	21 16.59	−21 20.8	1.446	2.340	15.1	20.3
7 10	21 10.11	−22 2.5	1.400	2.356	10.9	20.1
7 20	21 1.16	−22 47.8	1.375	2.372	6.3	19.9
7 30	20 50.72	−23 30.2	1.376	2.388	2.5	19.7
8 9	20 40.15	−24 3.5	1.402	2.404	4.9	19.9
8 19	20 30.75	−24 24.1	1.454	2.419	9.3	20.2
8 29	20 23.63	−24 30.8	1.529	2.434	13.3	20.4
9 8	20 19.42	−24 24.6	1.624	2.448	16.7	20.7

515941 2015 RJ_{27} 8 1.6 295°.07 6°.1/28.3 18

6 30	21 13.66	−35 17.8	2.245	3.124	11.0	20.7
7 10	21 7.73	−36 3.4	2.173	3.110	8.7	20.5
7 20	20 59.76	−36 42.0	2.124	3.095	6.7	20.4
7 30	20 50.46	−37 8.0	2.102	3.081	6.1	20.3
8 9	20 40.83	−37 17.0	2.106	3.066	7.4	20.4
8 19	20 31.88	−37 7.2	2.136	3.052	9.7	20.5
8 29	20 24.59	−36 39.4	2.189	3.037	12.2	20.6
9 8	20 19.61	−35 56.2	2.263	3.023	14.5	20.8

130708 2000 SE_{186} 8 1.6 33°.60 2°.8/ 3.0 17

6 30	21 11.20	−10 28.9	1.121	2.015	18.5	19.2
7 10	21 6.68	−10 38.7	1.071	2.023	13.9	19.0
7 20	20 59.41	−11 7.0	1.040	2.032	8.7	18.7
7 30	20 50.40	−11 50.0	1.030	2.041	3.7	18.5
8 9	20 41.10	−12 41.3	1.043	2.051	4.5	18.5
8 19	20 32.96	−13 33.9	1.080	2.061	9.5	18.9
8 29	20 27.23	−14 21.4	1.138	2.072	14.3	19.2
9 8	20 24.64	−14 59.6	1.214	2.084	18.4	19.5

342710 2008 WR_{2} 8 1.6 254°.57 1°.7/31.5 18

6 30	21 12.00	−20 10.7	1.897	2.783	12.4	20.9
7 10	21 6.63	−20 51.3	1.820	2.773	9.0	20.6
7 20	20 59.19	−21 37.0	1.767	2.763	5.2	20.4
7 30	20 50.37	−22 23.2	1.739	2.752	1.8	20.1
8 9	20 41.12	−23 4.5	1.739	2.742	4.0	20.3
8 19	20 32.48	−23 37.0	1.766	2.731	8.0	20.5
8 29	20 25.45	−23 58.1	1.818	2.720	11.7	20.7
9 8	20 20.73	−24 7.3	1.891	2.708	14.9	20.9

342142 2008 SP_{129} 8 1.6 275°.31 1°.8/ 2.7 18

6 30	21 11.38	−12 7.6	1.776	2.650	13.8	21.1
7 10	21 6.22	−12 13.6	1.696	2.638	10.3	20.8
7 20	20 58.98	−12 30.6	1.637	2.627	6.4	20.6
7 30	20 50.33	−12 56.4	1.604	2.615	2.5	20.3
8 9	20 41.23	−13 27.2	1.597	2.604	3.4	20.3
8 19	20 32.73	−13 59.2	1.617	2.592	7.6	20.6
8 29	20 25.83	−14 28.7	1.661	2.581	11.6	20.8
9 8	20 21.26	−14 53.0	1.727	2.569	15.1	21.0

366241 2012 VF_{24} 8 1.6 141°.85 0°.9/ 2.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.11	−13 45.7	1.884	2.759	13.0	21.3
7 10	21 5.81	−14 2.7	1.816	2.761	9.6	21.1
7 20	20 58.63	−14 29.1	1.770	2.762	5.7	20.9
7 30	20 50.23	−15 1.6	1.750	2.763	1.7	20.6
8 9	20 41.55	−15 36.4	1.758	2.765	3.0	20.7
8 19	20 33.54	−16 9.6	1.792	2.766	7.1	21.0
8 29	20 27.09	−16 38.1	1.851	2.767	10.8	21.2
9 8	20 22.81	−16 59.7	1.932	2.768	14.0	21.4

516192 2016 RD_{46} 8 1.6 257°.24 1°.2/ 2.5 18

6 30	21 11.08	−12 56.0	2.147	3.014	12.0	22.5
7 10	21 5.75	−13 10.3	2.057	2.997	8.9	22.3
7 20	20 58.62	−13 33.8	1.991	2.980	5.4	22.0
7 30	20 50.25	−14 4.0	1.951	2.963	1.8	21.7
8 9	20 41.46	−14 37.6	1.939	2.945	2.9	21.8
8 19	20 33.11	−15 11.2	1.954	2.927	6.7	22.0
8 29	20 26.08	−15 41.6	1.996	2.909	10.3	22.2
9 8	20 21.02	−16 6.5	2.061	2.890	13.5	22.4

394489 2007 TQ_{106} 8 1.6 237°.40 2°.5/31.0 18

6 30	21 12.82	−23 20.5	2.015	2.901	11.8	21.5
7 10	21 7.09	−23 54.6	1.943	2.895	8.6	21.2
7 20	20 59.39	−24 30.4	1.895	2.889	5.1	21.0
7 30	20 50.41	−25 3.1	1.873	2.883	2.5	20.8
8 9	20 41.10	−25 28.2	1.879	2.876	4.4	21.0
8 19	20 32.45	−25 42.9	1.911	2.870	7.9	21.2
8 29	20 25.39	−25 45.8	1.969	2.863	11.3	21.4
9 8	20 20.56	−25 37.4	2.048	2.856	14.3	21.5

253587 2003 TH_{10} 8 1.6 315°.53 5°.8/29.6 18

6 30	21 12.03	−26 36.5	1.178	2.092	16.3	20.0
7 10	21 7.89	−27 42.6	1.108	2.072	12.2	19.7
7 20	21 0.49	−28 51.6	1.057	2.052	8.0	19.4
7 30	20 50.72	−29 53.2	1.028	2.033	5.8	19.3
8 9	20 40.12	−30 37.2	1.023	2.014	8.4	19.4
8 19	20 30.45	−30 57.4	1.039	1.996	13.0	19.5
8 29	20 23.40	−30 52.1	1.074	1.979	17.7	19.8
9 8	20 20.02	−30 24.2	1.126	1.963	21.8	20.0

438332 2006 KQ_{103} 8 1.6 171°.06 2°.3/30.9 18

6 30	21 11.54	−21 21.6	1.947	2.834	12.1	21.0
7 10	21 6.19	−22 18.0	1.882	2.836	8.7	20.8
7 20	20 58.88	−23 18.7	1.841	2.837	5.1	20.6
7 30	20 50.30	−24 18.1	1.826	2.837	2.3	20.4
8 9	20 41.41	−25 10.4	1.839	2.838	4.4	20.6
8 19	20 33.19	−25 51.6	1.879	2.838	8.0	20.8
8 29	20 26.55	−26 19.5	1.944	2.839	11.4	21.0
9 8	20 22.15	−26 33.7	2.030	2.839	14.4	21.2

429660 2011 GJ_{53} 8 1.6 152°.84 4°.3/29.3 17

6 30	21 13.54	−25 40.4	1.851	2.742	12.5	20.8
7 10	21 7.80	−27 7.9	1.794	2.747	9.1	20.6
7 20	20 59.87	−28 36.6	1.760	2.751	5.9	20.4
7 30	20 50.52	−29 58.7	1.754	2.755	4.3	20.3
8 9	20 40.81	−31 7.2	1.775	2.759	6.3	20.4
8 19	20 31.84	−31 57.4	1.822	2.763	9.5	20.6
8 29	20 24.66	−32 27.8	1.893	2.766	12.7	20.8
9 8	20 19.97	−32 39.7	1.984	2.769	15.5	21.0

504486 2008 FO_{120} 8 1.6 145°.54 0°.2/ 1.5 17

6 30	21 12.66	−15 30.0	1.609	2.494	14.4	21.7
7 10	21 7.24	−16 14.9	1.546	2.497	10.5	21.5
7 20	20 59.57	−17 10.3	1.505	2.501	6.0	21.2
7 30	20 50.46	−18 10.9	1.489	2.504	1.2	20.9
8 9	20 41.00	−19 10.3	1.500	2.507	3.6	21.1
8 19	20 32.34	−20 3.0	1.537	2.509	8.2	21.4
8 29	20 25.54	−20 45.1	1.599	2.512	12.4	21.7
9 8	20 21.30	−21 14.8	1.681	2.514	15.8	21.9

346447 2008 TM_{20} 8 1.6 300°.54 2°.4/ 2.9 18

6 30	21 10.19	−10 46.1	1.609	2.486	14.8	21.3
7 10	21 5.63	−10 51.5	1.522	2.466	11.2	21.1
7 20	20 58.78	−11 10.6	1.457	2.446	7.1	20.8
7 30	20 50.32	−11 41.4	1.415	2.426	3.1	20.5
8 9	20 41.26	−12 20.2	1.400	2.406	3.8	20.5
8 19	20 32.75	−13 2.3	1.409	2.386	8.2	20.7
8 29	20 25.91	−13 42.9	1.442	2.367	12.6	20.9
9 8	20 21.61	−14 18.0	1.496	2.348	16.5	21.1

163814 2003 RB_{2} 8 1.6 358°.21 6°.8/31.1 18

6 30	21 15.78	−32 51.3	1.079	1.992	17.6	18.2
7 10	21 10.46	−32 41.6	1.025	1.986	13.4	17.9
7 20	21 1.73	−32 18.9	0.991	1.981	9.3	17.7
7 30	20 50.92	−31 36.3	0.977	1.979	6.8	17.5
8 9	20 39.93	−30 30.5	0.986	1.978	8.5	17.6
8 19	20 30.58	−29 3.7	1.017	1.980	12.6	17.9
8 29	20 24.31	−27 21.7	1.068	1.983	16.9	18.1
9 8	20 21.78	−25 31.6	1.137	1.988	20.6	18.4

320623 2008 CA_{40} 8 1.6 74.°65 0.°8/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.68	−13 30.0	1.414	2.300	15.9	20.9
7 10	21 7.98	−14 1.6	1.367	2.318	11.6	20.7
7 20	20 59.95	−14 45.3	1.342	2.336	6.8	20.5
7 30	20 50.53	−15 36.3	1.340	2.354	1.8	20.2
8 9	20 40.97	−16 28.3	1.365	2.372	3.6	20.4
8 19	20 32.47	−17 15.6	1.414	2.390	8.4	20.7
8 29	20 26.08	−17 54.4	1.488	2.408	12.6	21.0
9 8	20 22.43	−18 22.4	1.581	2.426	16.1	21.3

358460 2007 EA_{162} 8 1.7 126.°40 1.°4/ 2.9 18

6 30	21 8.79	−11 8.0	2.576	3.433	10.5	21.8
7 10	21 3.68	−11 29.2	2.510	3.444	7.8	21.6
7 20	20 57.23	−11 59.0	2.468	3.454	4.8	21.5
7 30	20 49.97	−12 34.9	2.453	3.464	1.9	21.3
8 9	20 42.54	−13 14.1	2.467	3.473	2.5	21.3
8 19	20 35.61	−13 53.6	2.510	3.482	5.4	21.6
8 29	20 29.78	−14 30.5	2.580	3.491	8.3	21.7
9 8	20 25.53	−15 2.7	2.674	3.500	10.8	21.9

375141 2008 AS_{76} 8 1.7 16.°05 2.°8/31.0 17

6 30	21 11.10	−20 12.1	1.222	2.130	16.3	20.4
7 10	21 6.70	−21 19.6	1.168	2.132	11.8	20.1
7 20	20 59.51	−22 35.6	1.135	2.135	6.8	19.8
7 30	20 50.51	−23 51.3	1.126	2.138	2.9	19.6
8 9	20 41.09	−24 57.4	1.140	2.141	5.8	19.8
8 19	20 32.74	−25 47.2	1.177	2.146	10.6	20.1
8 29	20 26.76	−26 17.6	1.236	2.150	15.2	20.4
9 8	20 23.95	−26 28.8	1.314	2.156	18.9	20.6

71296 2000 AH_{60} 8 1.7 277.°14 0.°0/ 1.4 18

6 30	21 12.20	−16 52.8	1.895	2.775	12.7	19.7
7 10	21 6.80	−17 5.0	1.810	2.759	9.3	19.4
7 20	20 59.33	−17 23.8	1.748	2.743	5.4	19.1
7 30	20 50.46	−17 46.1	1.712	2.726	1.2	18.8
8 9	20 41.13	−18 8.1	1.703	2.710	3.2	18.9
8 19	20 32.36	−18 26.4	1.721	2.693	7.5	19.2
8 29	20 25.15	−18 38.7	1.764	2.676	11.4	19.4
9 8	20 20.21	−18 43.5	1.829	2.659	14.9	19.6

314652 2006 OK_2 8 1.7 5.°15 1.°1/ 2.0 17

6 30	21 11.36	−16 31.1	0.986	1.900	18.7	19.6
7 10	21 7.18	−16 6.2	0.934	1.899	13.8	19.3
7 20	20 59.88	−15 50.8	0.901	1.899	8.2	19.0
7 30	20 50.58	−15 42.2	0.887	1.901	2.2	18.7
8 9	20 40.93	−15 36.6	0.896	1.905	4.5	18.9
8 19	20 32.60	−15 30.5	0.926	1.909	10.4	19.2
8 29	20 26.99	−15 21.5	0.977	1.916	15.6	19.5
9 8	20 24.87	−15 7.7	1.044	1.923	20.0	19.8

312965 1998 EW_9 8 1.7 157.°99 1.°2/ 2.5 17

6 30	21 14.65	−12 5.2	1.945	2.808	13.2	21.9
7 10	21 8.32	−12 37.3	1.878	2.817	9.8	21.7
7 20	21 0.07	−13 20.4	1.835	2.825	5.9	21.4
7 30	20 50.60	−14 10.6	1.819	2.832	1.9	21.2
8 9	20 40.87	−15 3.4	1.831	2.838	3.0	21.3
8 19	20 31.83	−15 54.2	1.872	2.843	7.0	21.5
8 29	20 24.39	−16 39.2	1.938	2.848	10.7	21.8
9 8	20 19.16	−17 16.0	2.027	2.852	13.8	22.0

123345 2000 VF_{60} 8 1.7 197.°98 6.°5/28.0 18

6 30	21 16.68	−34 34.4	2.070	2.949	11.9	20.1
7 10	21 10.05	−35 40.5	2.009	2.947	9.3	20.0
7 20	21 1.18	−36 40.0	1.973	2.944	7.1	19.8
7 30	20 50.85	−37 25.6	1.963	2.941	6.5	19.8
8 9	20 40.19	−37 52.2	1.979	2.937	7.9	19.9
8 19	20 30.33	−37 57.6	2.020	2.933	10.3	20.0
8 29	20 22.35	−37 42.6	2.085	2.928	12.9	20.2
9 8	20 16.92	−37 10.4	2.170	2.923	15.3	20.4

302289 2001 YF_{28} 8 1.7 268.°79 1.°4/31.7 18

6 30	21 10.59	−20 6.0	2.118	3.002	11.4	21.1
7 10	21 5.43	−20 39.3	2.040	2.992	8.3	20.9
7 20	20 58.46	−21 17.1	1.987	2.983	4.8	20.7
7 30	20 50.28	−21 55.1	1.960	2.973	1.5	20.4
8 9	20 41.76	−22 29.2	1.960	2.963	3.6	20.6
8 19	20 33.78	−22 56.0	1.988	2.953	7.2	20.8
8 29	20 27.22	−23 13.3	2.041	2.943	10.6	21.0
9 8	20 22.69	−23 20.6	2.116	2.933	13.6	21.1

318331 2004 TN_{200} 8 1.7 329.°51 5.°1/28.9 18

6 30	21 11.29	−30 42.1	2.054	2.944	11.5	20.1
7 10	21 6.08	−31 35.7	1.990	2.938	8.7	19.9
7 20	20 58.87	−32 25.7	1.949	2.933	6.1	19.8
7 30	20 50.37	−33 6.3	1.935	2.927	5.1	19.7
8 9	20 41.57	−33 32.4	1.946	2.922	6.6	19.8
8 19	20 33.46	−33 41.7	1.984	2.917	9.3	19.9
8 29	20 26.99	−33 33.8	2.044	2.913	12.1	20.1
9 8	20 22.81	−33 10.6	2.126	2.909	14.7	20.3

21274 1996 SG_4 8 1.7 241.°51 1.°0/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.81	−13 48.0	2.086	2.954	12.3	19.9
7 10	21 7.07	−14 0.6	1.999	2.940	9.1	19.7
7 20	20 59.43	−14 21.7	1.934	2.925	5.5	19.4
7 30	20 50.51	−14 48.7	1.897	2.910	1.7	19.1
8 9	20 41.15	−15 18.2	1.887	2.894	3.0	19.2
8 19	20 32.28	−15 46.8	1.905	2.877	6.9	19.4
8 29	20 24.81	−16 11.7	1.950	2.861	10.6	19.6
9 8	20 19.41	−16 30.8	2.016	2.843	13.8	19.8

301827 2011 QY_1 8 1.7 26.°50 1.°0/ 1.2 18

6 30	21 12.07	−19 26.7	1.562	2.456	14.2	20.2
7 10	21 6.80	−19 39.3	1.506	2.462	10.3	20.0
7 20	20 59.31	−19 56.8	1.471	2.469	5.9	19.8
7 30	20 50.46	−20 15.0	1.462	2.476	1.4	19.5
8 9	20 41.41	−20 29.4	1.478	2.484	3.8	19.7
8 19	20 33.30	−20 37.1	1.520	2.493	8.3	20.0
8 29	20 27.12	−20 36.5	1.586	2.501	12.3	20.2
9 8	20 23.53	−20 27.3	1.672	2.511	15.6	20.5

185819 1999 XU_{221} 8 1.7 271.°08 5.°2/29.3 18

6 30	21 16.06	−27 39.5	1.672	2.564	13.5	20.7
7 10	21 10.23	−28 50.2	1.586	2.539	10.2	20.5
7 20	21 1.65	−30 2.5	1.524	2.513	6.8	20.2
7 30	20 51.04	−31 8.0	1.487	2.487	5.3	20.1
8 9	20 39.62	−31 58.4	1.477	2.461	7.4	20.1
8 19	20 28.78	−32 28.5	1.491	2.433	11.1	20.3
8 29	20 19.93	−32 36.5	1.529	2.406	15.0	20.5
9 8	20 14.06	−32 24.3	1.585	2.378	18.4	20.6

137494 1999 UJ_{52} 8 1.7 163.°24 1.°0/31.9 17

6 30	21 14.05	−17 21.4	1.915	2.793	12.7	20.0
7 10	21 8.00	−18 19.3	1.850	2.799	9.2	19.8
7 20	20 59.96	−19 24.8	1.809	2.804	5.2	19.6
7 30	20 50.61	−20 32.5	1.795	2.809	1.3	19.3
8 9	20 40.95	−21 36.4	1.809	2.813	3.6	19.5
8 19	20 31.98	−22 31.7	1.851	2.816	7.7	19.7
8 29	20 24.65	−23 15.0	1.918	2.818	11.3	20.0
9 8	20 19.60	−23 45.5	2.008	2.820	14.4	20.2

137622 1999 VR_{207} 8 1.7 35.°83 4.°0/ 3.6 17

6 30	21 12.34	− 8 37.8	1.293	2.172	17.5	19.5
7 10	21 7.30	− 8 23.9	1.236	2.178	13.4	19.2
7 20	20 59.74	− 8 27.1	1.199	2.184	8.8	19.0
7 30	20 50.58	− 8 46.1	1.184	2.190	4.7	18.8
8 9	20 41.10	− 9 16.8	1.193	2.197	5.0	18.8
8 19	20 32.63	− 9 54.1	1.226	2.204	9.1	19.1
8 29	20 26.32	−10 32.5	1.281	2.211	13.4	19.3
9 8	20 22.90	−11 7.2	1.357	2.219	17.3	19.6

166608 2002 RS_{231} 8 1.7 70.°44 0.°3/ 1.8 18

6 30	21 11.86	−16 1.3	1.869	2.748	12.9	20.0
7 10	21 6.40	−16 13.3	1.802	2.750	9.4	19.8
7 20	20 59.01	−16 32.3	1.758	2.752	5.5	19.6
7 30	20 50.41	−16 55.3	1.739	2.753	1.3	19.3
8 9	20 41.54	−17 18.5	1.748	2.755	3.1	19.4
8 19	20 33.38	−17 38.6	1.784	2.757	7.2	19.7
8 29	20 26.83	−17 53.2	1.845	2.759	10.9	19.9
9 8	20 22.50	−18 1.1	1.927	2.760	14.1	20.1

305389 2008 CG_{50} 8 1.7 69.°13 4.°6/29.8 18

6 30	21 14.00	−30 10.1	2.038	2.925	11.7	20.2
7 10	21 7.90	−30 47.6	1.983	2.930	8.8	20.0
7 20	20 59.84	−31 20.8	1.951	2.936	6.0	19.9
7 30	20 50.58	−31 44.3	1.945	2.942	4.6	19.8
8 9	20 41.15	−31 54.0	1.967	2.948	6.1	19.9
8 19	20 32.57	−31 48.5	2.014	2.954	8.8	20.1
8 29	20 25.73	−31 28.0	2.085	2.960	11.7	20.3
9 8	20 21.21	−30 55.0	2.178	2.965	14.2	20.5

111907 2002 FO_{33} 8 1.7 46.°00 5.°0/29.9 18

6 30	21 13.87	−24 58.9	1.212	2.121	16.3	19.1
7 10	21 8.76	−26 16.1	1.167	2.129	11.9	18.9
7 20	21 0.71	−27 35.2	1.142	2.138	7.5	18.7
7 30	20 50.80	−28 45.8	1.140	2.146	5.0	18.6
8 9	20 40.58	−29 38.9	1.163	2.155	7.5	18.7
8 19	20 31.62	−30 9.6	1.208	2.165	11.7	19.0
8 29	20 25.25	−30 17.2	1.274	2.174	15.8	19.3
9 8	20 22.19	−30 4.6	1.358	2.184	19.3	19.5

42122 2001 BC_8 8 1.7 346.°17 6.°6/28.9 18

6 30	21 4.75	−25 19.5	0.920	1.853	17.7	17.2
7 10	21 2.94	−26 52.5	0.865	1.839	13.2	16.9
7 20	20 57.78	−28 32.0	0.828	1.827	8.6	16.6
7 30	20 50.24	−30 4.6	0.811	1.816	6.6	16.4
8 9	20 41.98	−31 16.9	0.814	1.807	9.6	16.6
8 19	20 34.87	−32 0.2	0.837	1.800	14.5	16.8
8 29	20 30.64	−32 11.5	0.877	1.795	19.3	17.1
9 8	20 30.24	−31 53.6	0.932	1.792	23.4	17.3

235196 2003 SR_{138} 8 1.7 339°.50 5°.7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.86	−30 36.1	1.358	2.261	15.4	19.3
7 10	21 10.18	−30 49.3	1.293	2.249	11.6	19.0
7 20	21 1.54	−30 55.5	1.248	2.238	7.9	18.8
7 30	20 50.99	−30 47.7	1.226	2.227	5.7	18.6
8 9	20 40.04	−30 21.0	1.228	2.218	7.5	18.7
8 19	20 30.27	−29 34.5	1.253	2.210	11.4	18.9
8 29	20 23.04	−28 30.9	1.301	2.203	15.4	19.1
9 8	20 19.13	−27 14.8	1.367	2.196	19.0	19.4

185071 2006 RM_{55} 8 1.7 226°.81 3°.6/ 3.9 18

6 30	21 11.76	− 6 52.8	1.634	2.495	15.4	20.7
7 10	21 6.63	− 7 5.7	1.559	2.490	11.9	20.5
7 20	20 59.31	− 7 36.0	1.505	2.486	7.9	20.2
7 30	20 50.52	− 8 21.8	1.476	2.481	4.3	20.0
8 9	20 41.28	− 9 18.7	1.472	2.475	4.4	20.0
8 19	20 32.69	−10 21.3	1.495	2.470	8.1	20.2
8 29	20 25.82	−11 23.7	1.541	2.464	12.1	20.4
9 8	20 21.41	−12 20.6	1.610	2.458	15.7	20.6

42338 2001 YT_{80} 8 1.7 359°.15 1°.8/31.5 18

6 30	21 9.39	−20 21.5	1.824	2.717	12.6	19.1
7 10	21 4.74	−21 4.0	1.759	2.716	9.1	18.9
7 20	20 58.13	−21 51.4	1.718	2.715	5.2	18.7
7 30	20 50.25	−22 38.8	1.702	2.715	1.9	18.5
8 9	20 42.07	−23 20.9	1.712	2.715	4.1	18.6
8 19	20 34.57	−23 53.7	1.749	2.715	8.0	18.8
8 29	20 28.69	−24 14.8	1.810	2.716	11.6	19.1
9 8	20 25.07	−24 23.8	1.892	2.717	14.7	19.3

183544 2003 HZ_{27} 8 1.7 11°.59 5°.2/29.3 18

6 30	21 12.79	−30 58.0	1.939	2.829	12.0	19.6
7 10	21 7.19	−31 43.5	1.881	2.830	9.1	19.4
7 20	20 59.51	−32 24.4	1.848	2.831	6.4	19.3
7 30	20 50.53	−32 54.7	1.839	2.833	5.2	19.2
8 9	20 41.33	−33 9.8	1.857	2.835	6.7	19.3
8 19	20 32.97	−33 7.8	1.900	2.837	9.5	19.5
8 29	20 26.39	−32 49.0	1.967	2.840	12.4	19.7
9 8	20 22.23	−32 15.9	2.054	2.842	14.9	19.9

515103 2010 VR_{178} 8 1.7 249°.94 4°.2/29.3 18

6 30	21 11.01	−29 15.0	2.390	3.275	10.3	21.2
7 10	21 5.64	−30 7.5	2.323	3.270	7.7	21.1
7 20	20 58.55	−30 57.8	2.280	3.265	5.2	20.9
7 30	20 50.33	−31 40.9	2.264	3.259	4.2	20.8
8 9	20 41.83	−32 12.5	2.275	3.254	5.6	20.9
8 19	20 33.90	−32 30.0	2.313	3.249	8.1	21.0
8 29	20 27.35	−32 32.9	2.376	3.243	10.7	21.2
9 8	20 22.77	−32 22.2	2.461	3.237	13.1	21.4

367480 2009 FJ_{8} 8 1.7 33°.80 2°.9/31.4 17

6 30	21 13.20	−21 21.9	1.109	2.021	17.3	20.5
7 10	21 8.31	−22 5.2	1.064	2.029	12.5	20.2
7 20	21 0.44	−22 54.0	1.039	2.039	7.2	20.0
7 30	20 50.75	−23 40.0	1.037	2.049	3.0	19.7
8 9	20 40.82	−24 15.6	1.057	2.060	5.8	20.0
8 19	20 32.23	−24 36.1	1.101	2.072	10.8	20.3
8 29	20 26.30	−24 39.8	1.165	2.084	15.4	20.6
9 8	20 23.71	−24 28.2	1.247	2.097	19.3	20.9

333456 2004 OE_{13} 8 1.7 296°.21 3°.0/ 1.9 15

6 30	21 27.18	−17 56.5	0.998	1.892	20.3	20.0
7 10	21 19.09	−16 16.0	0.929	1.883	15.3	19.7
7 20	21 7.02	−14 33.1	0.879	1.874	9.4	19.3
7 30	20 52.22	−12 49.4	0.852	1.864	3.6	19.0
8 9	20 36.74	−11 8.3	0.850	1.856	5.8	19.1
8 19	20 22.79	− 9 34.9	0.871	1.847	12.1	19.4
8 29	20 12.24	− 8 12.6	0.913	1.838	18.0	19.7
9 8	20 6.07	− 7 2.0	0.973	1.830	22.9	19.9

211788 2004 CL_{45} 8 1.7 291°.80 2°.6/30.9 18

6 30	21 10.82	−22 6.3	1.851	2.743	12.4	20.2
7 10	21 5.90	−22 57.2	1.776	2.732	9.0	19.9
7 20	20 58.87	−23 52.3	1.724	2.720	5.3	19.7
7 30	20 50.43	−24 46.2	1.699	2.709	2.6	19.5
8 9	20 41.55	−25 33.0	1.699	2.698	4.7	19.6
8 19	20 33.28	−26 8.4	1.726	2.687	8.5	19.8
8 29	20 26.64	−26 30.0	1.778	2.676	12.2	20.0
9 8	20 22.34	−26 37.5	1.850	2.665	15.3	20.2

199659 2006 GD_{44} 8 1.7 95°.29 2°.5/31.1 16

6 30	21 12.44	−22 21.9	1.787	2.678	12.8	21.0
7 10	21 7.00	−23 6.7	1.724	2.680	9.3	20.7
7 20	20 59.45	−23 54.5	1.685	2.681	5.5	20.5
7 30	20 50.55	−24 39.8	1.671	2.682	2.6	20.3
8 9	20 41.35	−25 17.2	1.684	2.683	4.7	20.5
8 19	20 32.92	−25 42.9	1.724	2.685	8.5	20.7
8 29	20 26.24	−25 55.4	1.787	2.686	12.1	20.9
9 8	20 21.99	−25 54.8	1.871	2.687	15.1	21.1

512366 2016 NW_{53} 8 1.7 280°.22 7°.6/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.54	+ 0 58.7	1.849	2.669	15.6	21.1
7 10	21 6.32	+ 1 50.3	1.765	2.657	12.9	20.9
7 20	20 59.10	+ 2 24.2	1.702	2.645	10.2	20.7
7 30	20 50.50	+ 2 38.1	1.662	2.633	8.1	20.6
8 9	20 41.43	+ 2 32.0	1.647	2.622	7.7	20.5
8 19	20 32.86	+ 2 8.0	1.657	2.610	9.4	20.6
8 29	20 25.78	+ 1 30.4	1.691	2.598	12.2	20.7
9 8	20 20.89	+ 0 44.7	1.747	2.586	15.1	20.9

214206 2005 EV_{63} 8 1.7 9°.60 3°.2/ 3.5 17

6 30	21 1.91	− 9 7.1	0.825	1.746	20.8	19.1
7 10	21 0.53	− 9 29.9	0.783	1.748	15.7	18.8
7 20	20 56.17	−10 19.3	0.756	1.753	10.0	18.6
7 30	20 49.88	−11 30.2	0.748	1.760	4.4	18.3
8 9	20 43.23	−12 52.9	0.760	1.769	4.9	18.4
8 19	20 37.81	−14 16.0	0.792	1.781	10.4	18.7
8 29	20 34.99	−15 29.5	0.843	1.795	15.7	19.1
9 8	20 35.50	−16 26.7	0.910	1.811	20.3	19.4

52051 2002 PA_{97} 8 1.7 248°.34 3°.4/30.9 18

6 30	21 16.49	−24 41.4	1.556	2.450	14.3	19.0
7 10	21 10.30	−25 13.0	1.489	2.444	10.5	18.8
7 20	21 1.51	−25 45.3	1.443	2.438	6.4	18.5
7 30	20 51.02	−26 11.9	1.423	2.432	3.4	18.3
8 9	20 40.10	−26 27.3	1.428	2.425	5.6	18.4
8 19	20 30.11	−26 28.3	1.458	2.419	9.8	18.7
8 29	20 22.28	−26 14.6	1.512	2.412	13.8	18.9
9 8	20 17.38	−25 47.9	1.586	2.405	17.3	19.1

215981 2005 RR_{26} 8 1.7 332°.72 1°.1/ 2.3 18

6 30	21 7.52	−13 26.6	1.630	2.517	14.1	20.3
7 10	21 3.64	−13 45.7	1.551	2.502	10.5	20.0
7 20	20 57.65	−14 16.6	1.493	2.487	6.3	19.7
7 30	20 50.20	−14 56.3	1.460	2.473	1.9	19.4
8 9	20 42.29	−15 39.9	1.453	2.460	3.4	19.5
8 19	20 34.97	−16 22.7	1.470	2.448	7.9	19.7
8 29	20 29.29	−17 0.3	1.512	2.437	12.1	20.0
9 8	20 26.01	−17 29.5	1.574	2.426	15.8	20.2

193308 2000 SG_{300} 8 1.7 294°.53 0°.9/ 2.2 17 R

6 30	21 12.25	−14 39.8	1.632	2.514	14.3	20.2
7 10	21 7.04	−14 45.7	1.556	2.505	10.6	19.9
7 20	20 59.59	−15 1.1	1.503	2.496	6.3	19.7
7 30	20 50.62	−15 22.9	1.474	2.487	1.8	19.3
8 9	20 41.21	−15 47.1	1.471	2.479	3.4	19.4
8 19	20 32.50	−16 9.9	1.494	2.470	8.0	19.7
8 29	20 25.58	−16 28.0	1.542	2.462	12.3	19.9
9 8	20 21.19	−16 39.5	1.610	2.453	15.9	20.1

476078 2007 TH_{30} 8 1.7 342°.25 3°.1/ 3.7 17

6 30	21 9.95	− 8 0.7	1.877	2.737	13.7	21.2
7 10	21 5.04	− 8 5.5	1.805	2.737	10.5	21.0
7 20	20 58.28	− 8 24.0	1.755	2.736	6.9	20.8
7 30	20 50.32	− 8 54.5	1.731	2.736	3.7	20.6
8 9	20 42.06	− 9 33.8	1.732	2.735	3.8	20.6
8 19	20 34.40	−10 17.6	1.760	2.735	7.1	20.8
8 29	20 28.23	−11 1.8	1.814	2.735	10.7	21.1
9 8	20 24.17	−11 42.4	1.890	2.735	13.9	21.3

355488 2007 WZ_{58} 8 1.7 279°.20 8°.2/ 6.7 18

6 30	21 10.05	+ 4 30.0	2.030	2.827	15.1	21.0
7 10	21 5.14	+ 5 16.3	1.941	2.812	12.9	20.8
7 20	20 58.39	+ 5 43.6	1.872	2.797	10.5	20.7
7 30	20 50.38	+ 5 49.6	1.826	2.781	8.7	20.5
8 9	20 41.89	+ 5 34.0	1.804	2.766	8.3	20.5
8 19	20 33.81	+ 4 58.9	1.808	2.750	9.5	20.5
8 29	20 27.04	+ 4 8.6	1.835	2.734	11.8	20.6
9 8	20 22.26	+ 3 9.1	1.885	2.719	14.4	20.8

511369 2014 FX_{50} 8 1.7 233°.93 3°.8/ 4.7 18

6 30	21 10.50	− 3 53.8	2.233	3.066	12.8	22.6
7 10	21 5.31	− 4 14.9	2.141	3.053	10.1	22.4
7 20	20 58.43	− 4 51.8	2.071	3.039	7.1	22.2
7 30	20 50.38	− 5 43.3	2.027	3.024	4.4	22.0
8 9	20 41.90	− 6 46.4	2.011	3.009	4.1	22.0
8 19	20 33.81	− 7 56.5	2.023	2.993	6.7	22.1
8 29	20 26.92	− 9 8.7	2.062	2.977	9.9	22.3
9 8	20 21.87	−10 18.2	2.125	2.960	12.9	22.5

371532 2006 UY_{234} 8 1.7 233°.19 3°.3/30.5 17

6 30	21 13.99	−23 20.9	1.714	2.606	13.3	20.9
7 10	21 8.37	−24 21.2	1.644	2.599	9.7	20.7
7 20	21 0.39	−25 25.2	1.597	2.592	5.9	20.4
7 30	20 50.82	−26 26.0	1.576	2.585	3.3	20.3
8 9	20 40.77	−27 16.8	1.582	2.577	5.5	20.4
8 19	20 31.45	−27 52.9	1.613	2.569	9.4	20.6
8 29	20 23.99	−28 12.3	1.668	2.560	13.1	20.8
9 8	20 19.17	−28 15.7	1.743	2.552	16.4	21.0

66062 1998 RG_1 8 1.7 222°.16 2°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.72	− 7 20.9	2.861	3.701	10.1	19.2
7 10	21 2.94	− 7 40.4	2.772	3.693	7.7	19.0
7 20	20 56.90	− 8 10.0	2.708	3.684	5.1	18.8
7 30	20 50.04	− 8 48.4	2.671	3.675	2.8	18.7
8 9	20 42.91	− 9 33.1	2.663	3.665	2.8	18.6
8 19	20 36.12	−10 21.0	2.684	3.655	5.2	18.8
8 29	20 30.25	−11 9.1	2.733	3.645	7.9	18.9
9 8	20 25.78	−11 54.6	2.806	3.634	10.3	19.1

428203 2006 UQ_{268} 8 1.7 203°.14 0°.2/ 1.8 17

6 30	21 14.20	−15 26.6	1.853	2.728	13.2	22.8
7 10	21 8.23	−15 51.2	1.779	2.725	9.7	22.6
7 20	21 0.19	−16 24.3	1.727	2.721	5.7	22.3
7 30	20 50.77	−17 2.1	1.702	2.716	1.3	22.0
8 9	20 40.96	−17 40.0	1.704	2.711	3.2	22.1
8 19	20 31.81	−18 14.1	1.734	2.705	7.5	22.4
8 29	20 24.32	−18 41.3	1.789	2.699	11.4	22.6
9 8	20 19.16	−19 0.0	1.865	2.692	14.7	22.8

412952 2014 QP_{244} 8 1.7 298°.83 1°.4/31.4 18

6 30	21 7.54	−20 10.8	2.494	3.376	10.0	20.7
7 10	21 3.05	−20 55.8	2.414	3.365	7.2	20.5
7 20	20 57.07	−21 45.1	2.359	3.355	4.1	20.3
7 30	20 50.08	−22 34.9	2.331	3.344	1.5	20.1
8 9	20 42.80	−23 21.2	2.332	3.333	3.3	20.2
8 19	20 35.93	−24 0.6	2.360	3.322	6.4	20.4
8 29	20 30.18	−24 30.8	2.415	3.312	9.4	20.5
9 8	20 26.12	−24 50.8	2.492	3.302	12.0	20.7

508012 2015 BS_{313} 8 1.7 9°.95 3°.9/30.8 17

6 30	21 11.05	−22 57.4	1.089	2.006	17.1	20.4
7 10	21 6.95	−23 50.9	1.040	2.007	12.4	20.1
7 20	20 59.81	−24 49.0	1.010	2.009	7.4	19.9
7 30	20 50.70	−25 42.6	1.002	2.013	3.9	19.7
8 9	20 41.22	−26 23.1	1.017	2.017	6.6	19.9
8 19	20 32.99	−26 45.2	1.053	2.022	11.5	20.1
8 29	20 27.40	−26 47.3	1.110	2.028	16.1	20.4
9 8	20 25.22	−26 31.4	1.184	2.035	20.0	20.7

432630 2010 VJ_{118} 8 1.7 288°.64 4°.4/30.5 18

6 30	21 15.34	−25 36.6	1.407	2.307	15.0	21.0
7 10	21 9.91	−26 22.9	1.331	2.289	11.2	20.7
7 20	21 1.55	−27 11.0	1.277	2.271	7.0	20.4
7 30	20 51.11	−27 52.9	1.246	2.253	4.4	20.2
8 9	20 39.97	−28 21.1	1.241	2.235	6.8	20.3
8 19	20 29.67	−28 31.0	1.259	2.218	11.2	20.5
8 29	20 21.67	−28 21.5	1.299	2.200	15.5	20.7
9 8	20 16.93	−27 54.9	1.358	2.182	19.4	20.9

465231 2007 RQ_{209} 8 1.7 338°.38 8°.0/29.3 17

6 30	21 12.27	−30 34.5	0.981	1.904	18.0	20.2
7 10	21 8.50	−31 32.8	0.924	1.890	13.8	19.9
7 20	21 1.04	−32 26.4	0.885	1.877	9.8	19.6
7 30	20 51.02	−33 3.6	0.867	1.866	8.0	19.5
8 9	20 40.32	−33 14.3	0.868	1.856	10.3	19.6
8 19	20 30.99	−32 54.8	0.890	1.847	14.7	19.8
8 29	20 24.82	−32 7.1	0.930	1.840	19.2	20.0
9 8	20 22.74	−30 57.3	0.985	1.834	23.2	20.3

251886 1999 VV_{86} 8 1.7 276°.54 2°.8/ 4.1 18

6 30	21 8.45	− 6 20.8	2.548	3.388	11.2	20.7
7 10	21 3.74	− 6 44.7	2.441	3.361	8.7	20.5
7 20	20 57.51	− 7 21.5	2.357	3.332	5.9	20.2
7 30	20 50.21	− 8 9.9	2.301	3.304	3.3	20.0
8 9	20 42.47	− 9 7.2	2.273	3.275	3.3	20.0
8 19	20 34.98	−10 9.5	2.273	3.245	6.0	20.1
8 29	20 28.47	−11 12.9	2.301	3.215	9.1	20.3
9 8	20 23.54	−12 13.5	2.353	3.185	11.9	20.4

210617 2000 DG_{33} 8 1.7 136°.37 1°.2/ 2.6 18

6 30	21 11.07	−12 23.8	2.166	3.031	12.0	21.3
7 10	21 5.61	−12 46.8	2.100	3.040	8.8	21.1
7 20	20 58.51	−13 19.1	2.058	3.047	5.3	20.9
7 30	20 50.40	−13 57.8	2.043	3.055	1.8	20.7
8 9	20 42.07	−14 39.0	2.056	3.062	2.7	20.8
8 19	20 34.35	−15 19.4	2.096	3.069	6.3	21.0
8 29	20 27.98	−15 55.6	2.163	3.076	9.6	21.2
9 8	20 23.51	−16 25.5	2.253	3.082	12.5	21.5

235814 2004 XZ_{75} 8 1.7 200°.43 3°.0/30.6 18

6 30	21 13.21	−24 1.5	2.002	2.889	11.9	20.9
7 10	21 7.47	−24 53.3	1.934	2.887	8.6	20.7
7 20	20 59.73	−25 46.8	1.891	2.884	5.2	20.5
7 30	20 50.68	−26 36.5	1.874	2.881	3.0	20.4
8 9	20 41.29	−27 17.1	1.884	2.878	4.9	20.5
8 19	20 32.57	−27 45.1	1.921	2.875	8.3	20.7
8 29	20 25.46	−27 59.0	1.984	2.871	11.6	20.9
9 8	20 20.62	−27 59.4	2.067	2.867	14.4	21.1

495081 2011 JY_4 8 1.7 16°.33 7°.2/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.03	−28 13.0	1.123	2.044	16.3	20.2
7 10	21 4.74	−29 58.5	1.086	2.052	12.2	20.0
7 20	20 58.51	−31 41.9	1.069	2.061	8.5	19.8
7 30	20 50.43	−33 10.8	1.075	2.072	7.3	19.8
8 9	20 42.05	−34 15.0	1.102	2.084	9.5	19.9
8 19	20 34.93	−34 49.8	1.152	2.098	13.2	20.2
8 29	20 30.38	−34 55.4	1.220	2.113	16.9	20.5
9 8	20 29.11	−34 35.9	1.305	2.129	20.0	20.7

479479 2014 AE_{14} 8 1.7 298°.40 3°.4/ 2.3 18

6 30	21 23.72	−14 27.8	1.615	2.479	15.4	20.6
7 10	21 15.55	−13 0.8	1.522	2.459	11.7	20.3
7 20	21 4.63	−11 34.5	1.453	2.439	7.5	20.0
7 30	20 51.78	−10 10.3	1.411	2.419	3.8	19.7
8 9	20 38.30	− 8 50.2	1.398	2.400	4.9	19.7
8 19	20 25.60	− 7 36.5	1.413	2.381	9.3	20.0
8 29	20 15.01	− 6 30.8	1.454	2.361	13.7	20.2
9 8	20 7.41	− 5 33.1	1.516	2.343	17.6	20.4

256289 2006 WF_{127} 8 1.7 288°.12 0°.0/ 1.5 18

6 30	21 9.07	−15 53.1	2.160	3.037	11.5	20.9
7 10	21 4.29	−16 25.5	2.085	3.033	8.4	20.7
7 20	20 57.84	−17 5.4	2.034	3.028	4.8	20.5
7 30	20 50.29	−17 49.3	2.009	3.024	1.0	20.2
8 9	20 42.44	−18 33.0	2.013	3.019	2.8	20.3
8 19	20 35.11	−19 12.9	2.043	3.015	6.6	20.5
8 29	20 29.10	−19 46.0	2.100	3.010	10.0	20.8
9 8	20 24.98	−20 10.5	2.179	3.006	12.9	20.9

260592 2005 EM_{325} 8 1.7 20°.62 8°.5/29.1 17

6 30	21 18.55	−34 27.2	1.243	2.144	16.6	20.5
7 10	21 12.35	−35 21.6	1.196	2.147	12.9	20.3
7 20	21 2.88	−36 5.4	1.170	2.150	9.7	20.1
7 30	20 51.38	−36 28.3	1.166	2.154	8.5	20.1
8 9	20 39.66	−36 23.9	1.185	2.158	10.2	20.2
8 19	20 29.48	−35 51.2	1.226	2.163	13.5	20.4
8 29	20 22.26	−34 54.4	1.287	2.168	17.0	20.6
9 8	20 18.71	−33 40.0	1.366	2.174	20.1	20.9

97085 1999 VM_{47} 8 1.7 229°.96 9°.9/26.7 18

6 30	21 24.70	−45 43.3	2.024	2.872	13.3	19.6
7 10	21 16.21	−46 36.9	1.968	2.866	11.5	19.5
7 20	21 4.88	−47 14.0	1.933	2.860	10.2	19.4
7 30	20 51.81	−47 26.5	1.923	2.853	10.0	19.3
8 9	20 38.51	−47 9.9	1.937	2.847	11.0	19.4
8 19	20 26.53	−46 24.3	1.975	2.840	12.8	19.5
8 29	20 17.12	−45 13.7	2.035	2.832	14.8	19.6
9 8	20 10.99	−43 44.7	2.113	2.825	16.8	19.8

246094 2007 CS_{44} 8 1.7 303°.98 0°.0/ 1.6 18

6 30	21 14.50	−18 58.6	2.066	2.942	12.0	19.7
7 10	21 8.26	−18 40.0	1.987	2.934	8.8	19.5
7 20	21 0.13	−18 23.7	1.931	2.926	5.1	19.3
7 30	20 50.79	−18 7.7	1.903	2.917	1.1	19.0
8 9	20 41.17	−17 50.0	1.903	2.909	3.0	19.1
8 19	20 32.21	−17 29.4	1.930	2.901	6.9	19.4
8 29	20 24.79	−17 5.4	1.984	2.893	10.5	19.6
9 8	20 19.52	−16 37.9	2.060	2.886	13.6	19.8

494600 2017 BS_{111} 8 1.7 261°.24 1°.4/31.5 17

6 30	21 10.69	−20 26.2	2.558	3.434	10.0	22.7
7 10	21 5.40	−21 4.7	2.464	3.413	7.2	22.5
7 20	20 58.49	−21 47.2	2.396	3.390	4.2	22.2
7 30	20 50.46	−22 30.1	2.355	3.367	1.5	22.0
8 9	20 42.04	−23 9.5	2.343	3.344	3.3	22.1
8 19	20 33.96	−23 42.2	2.360	3.321	6.5	22.3
8 29	20 27.01	−24 6.1	2.403	3.297	9.6	22.4
9 8	20 21.78	−24 20.3	2.469	3.272	12.3	22.6

304375 2006 SD_{378} 8 1.7 282°.35 3°.3/ 4.3 18

6 30	21 8.40	− 5 36.2	2.084	2.932	13.0	21.1
7 10	21 3.96	− 6 3.9	1.989	2.913	10.1	20.9
7 20	20 57.76	− 6 48.0	1.917	2.893	6.9	20.6
7 30	20 50.32	− 7 46.8	1.870	2.873	3.9	20.4
8 9	20 42.40	− 8 56.6	1.850	2.852	3.8	20.4
8 19	20 34.86	−10 12.5	1.858	2.832	6.8	20.5
8 29	20 28.54	−11 29.0	1.892	2.812	10.4	20.7
9 8	20 24.14	−12 41.0	1.949	2.791	13.6	20.9

49424 1998 XC_{80} 8 1.7 184°.61 2°.1/ 3.5 18

6 30	21 10.02	− 8 47.6	2.441	3.290	11.3	19.2
7 10	21 4.77	− 9 11.1	2.363	3.290	8.6	19.0
7 20	20 58.04	− 9 45.6	2.309	3.290	5.5	18.8
7 30	20 50.36	−10 28.8	2.282	3.289	2.6	18.7
8 9	20 42.40	−11 17.7	2.283	3.288	2.9	18.7
8 19	20 34.91	−12 8.5	2.314	3.286	5.8	18.9
8 29	20 28.56	−12 57.7	2.371	3.284	8.9	19.1
9 8	20 23.89	−13 42.5	2.452	3.281	11.6	19.2

71649 2000 EL_{112} 8 1.7 223.°07 1.°8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.25	−10 23.5	2.636	3.491	10.4	20.1
7 10	21 3.42	−10 35.2	2.555	3.486	7.8	19.9
7 20	20 57.23	−10 55.6	2.498	3.482	5.0	19.7
7 30	20 50.18	−11 22.9	2.468	3.477	2.3	19.5
8 9	20 42.88	−11 54.8	2.467	3.472	2.6	19.5
8 19	20 35.99	−12 28.4	2.493	3.466	5.4	19.7
8 29	20 30.13	−13 1.1	2.547	3.461	8.3	19.9
9 8	20 25.80	−13 30.5	2.625	3.455	10.9	20.1

472796 2015 FT_{152} 8 1.7 154.°69 0.°7/ 1.3 17

6 30	21 13.24	−17 30.9	1.834	2.716	13.0	21.9
7 10	21 7.52	−18 5.7	1.770	2.720	9.5	21.6
7 20	20 59.78	−18 47.5	1.728	2.724	5.4	21.4
7 30	20 50.75	−19 31.6	1.713	2.727	1.2	21.1
8 9	20 41.42	−20 13.1	1.725	2.730	3.5	21.3
8 19	20 32.83	−20 47.9	1.764	2.733	7.6	21.6
8 29	20 25.92	−21 13.4	1.828	2.736	11.3	21.8
9 8	20 21.33	−21 28.5	1.913	2.738	14.5	22.0

275173 2009 WX_{33} 8 1.7 159.°71 0.°9/ 1.1 17

6 30	21 13.17	−18 7.8	1.956	2.836	12.4	21.1
7 10	21 7.38	−18 48.5	1.891	2.841	9.0	20.9
7 20	20 59.66	−19 35.3	1.849	2.845	5.1	20.6
7 30	20 50.72	−20 23.6	1.835	2.849	1.3	20.4
8 9	20 41.50	−21 8.5	1.848	2.852	3.5	20.5
8 19	20 32.97	−21 46.1	1.888	2.855	7.4	20.8
8 29	20 26.01	−22 13.8	1.954	2.858	10.9	21.0
9 8	20 21.27	−22 30.8	2.042	2.860	14.0	21.2

145795 1998 RA_{16} 8 1.7 339.°98 1.°3/ 1.0 18

6 30	21 7.60	−17 40.0	1.109	2.024	17.1	18.4
7 10	21 4.54	−18 22.5	1.044	2.010	12.5	18.1
7 20	20 58.56	−19 17.8	0.998	1.998	7.2	17.7
7 30	20 50.55	−20 19.1	0.973	1.987	1.8	17.4
8 9	20 41.90	−21 17.9	0.971	1.977	5.0	17.5
8 19	20 34.16	−22 6.3	0.991	1.969	10.7	17.8
8 29	20 28.81	−22 39.3	1.031	1.961	15.8	18.1
9 8	20 26.77	−22 54.9	1.088	1.956	20.2	18.3

286981 2002 QM_{36} 8 1.7 298.°52 2.°2/ 3.2 18

6 30	21 9.16	−10 3.0	1.778	2.649	13.9	20.6
7 10	21 4.79	−10 24.2	1.689	2.629	10.5	20.3
7 20	20 58.36	−10 59.8	1.622	2.610	6.7	20.0
7 30	20 50.48	−11 47.5	1.580	2.590	2.9	19.8
8 9	20 42.06	−12 43.0	1.564	2.571	3.5	19.8
8 19	20 34.11	−13 41.1	1.575	2.551	7.6	20.0
8 29	20 27.64	−14 36.7	1.610	2.532	11.7	20.2
9 8	20 23.44	−15 25.5	1.666	2.513	15.3	20.4

322551 2011 YC_{46} 8 1.7 195.°27 1.°4/31.6 18

6 30	21 11.39	−21 47.1	2.560	3.437	9.9	21.2
7 10	21 5.74	−22 7.1	2.487	3.435	7.2	21.0
7 20	20 58.58	−22 28.7	2.439	3.434	4.2	20.8
7 30	20 50.49	−22 48.8	2.420	3.432	1.5	20.6
8 9	20 42.18	−23 4.5	2.428	3.430	3.2	20.7
8 19	20 34.39	−23 13.6	2.466	3.427	6.2	20.9
8 29	20 27.82	−23 15.1	2.529	3.425	9.1	21.1
9 8	20 23.00	−23 8.9	2.616	3.422	11.6	21.3

273951 2007 JA_{40} 8 1.7 11.°86 6.°0/28.5 18

6 30	21 8.04	−25 12.0	1.215	2.132	15.7	18.9
7 10	21 4.67	−27 11.0	1.169	2.135	11.5	18.7
7 20	20 58.52	−29 13.6	1.145	2.140	7.6	18.5
7 30	20 50.52	−31 7.3	1.144	2.145	6.1	18.4
8 9	20 42.08	−32 40.5	1.166	2.152	8.6	18.6
8 19	20 34.69	−33 46.0	1.211	2.159	12.6	18.8
8 29	20 29.67	−34 22.0	1.276	2.168	16.4	19.1
9 8	20 27.81	−34 30.8	1.359	2.178	19.6	19.3

342407 2008 UG_{58} 8 1.7 288.°10 0.°3/ 1.9 18

6 30	21 10.82	−14 46.3	1.702	2.585	13.8	21.3
7 10	21 6.03	−15 17.3	1.624	2.574	10.2	21.1
7 20	20 59.08	−15 59.0	1.568	2.563	6.0	20.8
7 30	20 50.64	−16 47.5	1.538	2.552	1.4	20.5
8 9	20 41.72	−17 37.5	1.533	2.540	3.4	20.6
8 19	20 33.42	−18 23.9	1.555	2.529	7.9	20.8
8 29	20 26.77	−19 2.7	1.601	2.518	12.1	21.1
9 8	20 22.55	−19 31.4	1.668	2.507	15.7	21.3

252156 2001 BJ_{51} 8 1.7 168.°39 2.°3/31.4 17

6 30	21 16.85	−21 54.7	1.801	2.685	13.1	21.5
7 10	21 10.22	−22 33.3	1.738	2.689	9.5	21.3
7 20	21 1.37	−23 14.9	1.698	2.692	5.6	21.0
7 30	20 51.12	−23 53.9	1.684	2.696	2.3	20.8
8 9	20 40.56	−24 25.0	1.698	2.698	4.5	21.0
8 19	20 30.84	−24 45.1	1.739	2.700	8.4	21.2
8 29	20 22.99	−24 52.6	1.804	2.701	12.1	21.5
9 8	20 17.68	−24 48.2	1.891	2.701	15.2	21.7

152044 2004 PS_{21} 8 1.7 304.°06 1.°0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.68	−20 42.6	2.073	2.955	11.7	20.0
7 10	21 6.99	−20 45.1	1.996	2.947	8.5	19.7
7 20	20 59.44	−20 49.8	1.943	2.939	4.9	19.5
7 30	20 50.70	−20 53.6	1.917	2.931	1.3	19.2
8 9	20 41.66	−20 53.8	1.918	2.923	3.3	19.4
8 19	20 33.25	−20 48.2	1.946	2.915	7.1	19.6
8 29	20 26.34	−20 36.0	2.000	2.907	10.6	19.8
9 8	20 21.55	−20 17.1	2.077	2.899	13.6	20.0

465844 2010 OW_{36} 8 1.7 338.°73 0.°1/ 1.8 17

6 30	21 4.30	−13 33.1	0.969	1.887	18.6	19.9
7 10	21 2.40	−14 22.9	0.902	1.870	13.8	19.5
7 20	20 57.48	−15 34.7	0.853	1.854	8.1	19.2
7 30	20 50.36	−17 2.3	0.825	1.839	1.9	18.7
8 9	20 42.45	−18 35.2	0.818	1.826	4.7	18.9
8 19	20 35.43	−20 2.0	0.831	1.815	11.1	19.2
8 29	20 30.90	−21 13.2	0.864	1.806	16.8	19.5
9 8	20 29.92	−22 3.7	0.913	1.798	21.7	19.7

95360 2002 CV_{144} 8 1.7 12.°42 1.°8/ 3.0 18

6 30	21 8.72	−10 57.0	2.034	2.902	12.5	19.4
7 10	21 4.07	−11 11.7	1.964	2.903	9.4	19.2
7 20	20 57.74	−11 37.2	1.916	2.904	5.8	19.0
7 30	20 50.33	−12 11.1	1.895	2.905	2.5	18.8
8 9	20 42.65	−12 50.0	1.900	2.906	3.0	18.8
8 19	20 35.55	−13 30.2	1.933	2.908	6.5	19.0
8 29	20 29.81	−14 7.9	1.991	2.910	10.0	19.3
9 8	20 26.00	−14 40.4	2.071	2.912	13.0	19.5

65977 1998 HZ_{69} 8 1.7 121.°73 6.°4/ 6.3 18

6 30	21 10.85	+ 1 6.9	1.908	2.727	15.2	19.4
7 10	21 5.65	+ 1 19.8	1.841	2.734	12.4	19.2
7 20	20 58.66	+ 1 12.9	1.794	2.742	9.5	19.1
7 30	20 50.53	+ 0 45.9	1.771	2.749	7.1	19.0
8 9	20 42.13	+ 0 1.3	1.774	2.756	6.5	18.9
8 19	20 34.37	− 0 56.9	1.803	2.763	8.2	19.1
8 29	20 28.07	− 2 2.9	1.857	2.770	10.9	19.2
9 8	20 23.83	− 3 10.8	1.933	2.776	13.7	19.4

57989 2002 RU_{32} 8 1.7 113.°02 2.°1/ 3.1 18

6 30	21 10.55	−10 34.1	1.919	2.785	13.2	19.5
7 10	21 5.48	−10 46.4	1.849	2.787	9.9	19.3
7 20	20 58.58	−11 10.2	1.802	2.788	6.2	19.1
7 30	20 50.52	−11 43.4	1.780	2.790	2.7	18.9
8 9	20 42.16	−12 22.1	1.785	2.791	3.2	18.9
8 19	20 34.43	−13 2.4	1.817	2.793	6.9	19.1
8 29	20 28.18	−13 40.6	1.875	2.794	10.5	19.4
9 8	20 24.02	−14 13.6	1.955	2.795	13.6	19.6

393926 2005 UF_{97} 8 1.7 359.°06 4.°0/ 4.6 18

6 30	21 8.16	− 5 5.5	2.023	2.871	13.4	20.9
7 10	21 3.68	− 5 6.3	1.950	2.870	10.5	20.7
7 20	20 57.52	− 5 22.0	1.898	2.870	7.3	20.5
7 30	20 50.29	− 5 51.4	1.871	2.870	4.6	20.3
8 9	20 42.77	− 6 31.9	1.871	2.870	4.4	20.3
8 19	20 35.79	− 7 19.6	1.898	2.870	6.9	20.5
8 29	20 30.14	− 8 10.1	1.949	2.870	10.1	20.7
9 8	20 26.39	− 8 59.0	2.024	2.871	13.0	20.9

426001 2011 JB_{12} 8 1.7 59.°02 3.°9/30.6 17

6 30	21 14.83	−24 55.2	1.490	2.388	14.5	20.5
7 10	21 8.90	−25 48.5	1.452	2.409	10.5	20.3
7 20	21 0.60	−26 41.4	1.435	2.430	6.4	20.1
7 30	20 50.93	−27 26.9	1.444	2.451	3.9	20.0
8 9	20 41.19	−27 59.0	1.477	2.472	5.9	20.2
8 19	20 32.62	−28 14.7	1.536	2.493	9.7	20.4
8 29	20 26.25	−28 14.0	1.618	2.515	13.2	20.7
9 8	20 22.65	−27 58.8	1.720	2.536	16.3	21.0

344452 2002 KF_{13} 8 1.7 37.°92 3.°2/ 3.6 17

6 30	21 10.60	− 9 1.2	1.351	2.232	16.8	20.2
7 10	21 5.86	− 9 4.8	1.306	2.249	12.7	20.0
7 20	20 58.88	− 9 25.2	1.281	2.268	8.2	19.8
7 30	20 50.57	− 9 59.4	1.280	2.288	4.0	19.6
8 9	20 42.13	−10 42.4	1.302	2.308	4.3	19.7
8 19	20 34.72	−11 28.7	1.349	2.329	8.3	20.0
8 29	20 29.33	−12 12.9	1.420	2.350	12.4	20.3
9 8	20 26.56	−12 50.8	1.511	2.372	15.9	20.5

20724 1999 XO_{116} 8 1.7 250.°38 1.°4/31.7 18 R

6 30	21 10.90	−21 17.3	2.361	3.242	10.5	19.1
7 10	21 5.53	−21 40.4	2.286	3.236	7.6	18.9
7 20	20 58.54	−22 5.8	2.235	3.230	4.4	18.7
7 30	20 50.51	−22 30.3	2.212	3.224	1.6	18.5
8 9	20 42.21	−22 50.4	2.216	3.218	3.3	18.6
8 19	20 34.44	−23 3.7	2.249	3.212	6.6	18.8
8 29	20 27.96	−23 8.9	2.307	3.206	9.7	19.0
9 8	20 23.34	−23 5.6	2.388	3.200	12.4	19.2

157948 2000 AW_{208} 8 1.7 110°.61 0°.7/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.31	−17 4.5	1.312	2.205	16.4	20.0
7 10	21 10.30	−17 41.2	1.259	2.214	12.0	19.7
7 20	21 1.59	−18 27.4	1.227	2.224	6.8	19.5
7 30	20 51.18	−19 17.1	1.218	2.233	1.5	19.2
8 9	20 40.48	−20 3.2	1.235	2.242	4.3	19.4
8 19	20 30.91	−20 40.2	1.277	2.250	9.4	19.7
8 29	20 23.69	−21 5.1	1.341	2.258	14.0	20.0
9 8	20 19.57	−21 17.1	1.425	2.266	17.8	20.3

316971 2001 FL_{130} 8 1.7 107°.26 6°.5/ 6.3 17

6 30	21 12.08	+ 0 53.7	1.622	2.451	17.0	20.6
7 10	21 6.75	+ 0 47.4	1.562	2.464	13.7	20.4
7 20	20 59.37	+ 0 17.3	1.522	2.477	10.3	20.2
7 30	20 50.70	− 0 35.8	1.505	2.490	7.3	20.1
8 9	20 41.77	− 1 47.8	1.513	2.502	6.6	20.1
8 19	20 33.62	− 3 12.1	1.547	2.514	8.7	20.2
8 29	20 27.22	− 4 41.3	1.605	2.526	11.9	20.5
9 8	20 23.21	− 6 8.0	1.686	2.537	15.0	20.7

394645 2007 YQ_{64} 8 1.7 101°.23 2°.1/31.0 17

6 30	21 11.59	−22 13.5	2.276	3.158	10.8	21.5
7 10	21 5.97	−23 2.4	2.224	3.175	7.8	21.3
7 20	20 58.74	−23 53.2	2.197	3.191	4.5	21.1
7 30	20 50.55	−24 41.3	2.197	3.207	2.2	21.0
8 9	20 42.21	−25 22.5	2.225	3.222	3.9	21.1
8 19	20 34.53	−25 53.9	2.281	3.238	7.0	21.4
8 29	20 28.24	−26 14.0	2.363	3.253	9.9	21.6
9 8	20 23.87	−26 22.9	2.467	3.268	12.4	21.8

240688 2005 EO_{208} 8 1.7 339°.17 4°.1/ 4.5 18

6 30	21 8.25	− 5 26.5	1.641	2.502	15.3	20.1
7 10	21 4.13	− 5 37.6	1.567	2.496	12.0	19.9
7 20	20 57.96	− 6 7.4	1.514	2.491	8.2	19.7
7 30	20 50.43	− 6 54.2	1.485	2.487	4.9	19.5
8 9	20 42.50	− 7 54.1	1.481	2.483	4.7	19.4
8 19	20 35.19	− 9 1.3	1.502	2.479	7.9	19.6
8 29	20 29.48	−10 9.7	1.548	2.476	11.7	19.8
9 8	20 26.08	−11 13.5	1.615	2.473	15.2	20.0

344714 2003 UZ_{18} 8 1.7 319°.71 2°.1/ 3.1 18

6 30	21 9.45	−10 0.5	1.714	2.586	14.3	20.4
7 10	21 4.95	−10 27.1	1.641	2.582	10.7	20.2
7 20	20 58.41	−11 8.4	1.589	2.577	6.7	20.0
7 30	20 50.53	−12 1.2	1.562	2.572	2.8	19.7
8 9	20 42.25	−13 0.8	1.561	2.568	3.4	19.7
8 19	20 34.59	−14 1.6	1.587	2.564	7.5	20.0
8 29	20 28.53	−14 58.4	1.637	2.560	11.5	20.2
9 8	20 24.75	−15 47.3	1.709	2.557	15.0	20.4

435191 2007 RO_{73} 8 1.7 352°.86 7°.4/30.2 18

6 30	21 17.52	−34 15.6	1.319	2.219	15.9	19.8
7 10	21 11.51	−34 33.4	1.262	2.213	12.4	19.6
7 20	21 2.41	−34 39.9	1.225	2.208	9.0	19.4
7 30	20 51.39	−34 27.3	1.210	2.204	7.4	19.3
8 9	20 40.12	−33 50.8	1.219	2.201	8.9	19.3
8 19	20 30.25	−32 50.8	1.252	2.199	12.3	19.5
8 29	20 23.14	−31 31.4	1.305	2.198	16.0	19.8
9 8	20 19.49	−29 58.8	1.377	2.198	19.3	20.0

149156 2002 FS_{22} 8 1.7 53°.95 6°.5/27.7 18

6 30	21 12.60	−33 56.8	1.992	2.879	11.9	19.1
7 10	21 7.13	−35 16.7	1.950	2.892	9.2	19.0
7 20	20 59.59	−36 29.7	1.933	2.906	7.1	18.9
7 30	20 50.78	−37 28.6	1.941	2.919	6.6	18.9
8 9	20 41.77	−38 8.3	1.975	2.933	7.9	19.0
8 19	20 33.61	−38 26.6	2.034	2.947	10.3	19.1
8 29	20 27.25	−38 24.2	2.116	2.961	12.7	19.3
9 8	20 23.29	−38 4.0	2.217	2.975	14.8	19.5

231207 2005 VW_{119} 8 1.7 71°.19 2°.4/31.8 17

6 30	21 19.19	−24 26.0	1.646	2.532	14.0	19.6
7 10	21 11.82	−24 24.0	1.597	2.549	10.2	19.4
7 20	21 2.20	−24 20.5	1.571	2.566	6.0	19.2
7 30	20 51.33	−24 11.5	1.571	2.582	2.6	19.0
8 9	20 40.44	−23 54.0	1.598	2.599	4.5	19.2
8 19	20 30.75	−23 27.3	1.651	2.616	8.5	19.5
8 29	20 23.22	−22 52.3	1.729	2.632	12.2	19.7
9 8	20 18.41	−22 10.7	1.829	2.649	15.3	20.0

42045 2000 YJ_{103} 8 1.7 293°.60 3°.4/ 3.9 18

6 30	21 10.13	− 7 27.4	2.258	3.106	12.2	18.4
7 10	21 4.97	− 7 9.1	2.180	3.103	9.4	18.2
7 20	20 58.24	− 7 1.5	2.126	3.100	6.4	18.0
7 30	20 50.50	− 7 4.0	2.097	3.097	3.9	17.8
8 9	20 42.49	− 7 15.1	2.095	3.094	3.9	17.8
8 19	20 34.98	− 7 32.3	2.121	3.092	6.5	18.0
8 29	20 28.71	− 7 52.9	2.173	3.089	9.4	18.2
9 8	20 24.23	− 8 14.0	2.249	3.086	12.2	18.3

140064 2001 SG_{105} 8 1.7 344°.39 5°.8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.29	−32 0.8	1.748	2.639	13.1	19.4
7 10	21 9.31	−32 35.1	1.687	2.634	10.0	19.2
7 20	21 0.95	−33 3.0	1.648	2.631	7.1	19.0
7 30	20 51.09	−33 18.3	1.634	2.627	5.8	18.9
8 9	20 40.97	−33 16.2	1.645	2.624	7.3	19.0
8 19	20 31.80	−32 55.2	1.682	2.622	10.3	19.2
8 29	20 24.70	−32 16.7	1.742	2.620	13.4	19.4
9 8	20 20.32	−31 24.2	1.821	2.618	16.2	19.6

361914 2008 GH_{97} 8 1.7 43°.41 8°.9/26.3 18

6 30	21 16.89	−42 59.4	2.078	2.943	12.4	20.6
7 10	21 10.38	−44 5.7	2.036	2.949	10.5	20.5
7 20	21 1.50	−44 58.2	2.016	2.954	9.2	20.4
7 30	20 51.20	−45 30.0	2.021	2.961	9.0	20.4
8 9	20 40.72	−45 36.9	2.049	2.967	10.0	20.5
8 19	20 31.29	−45 18.4	2.102	2.973	11.8	20.6
8 29	20 23.98	−44 37.1	2.175	2.980	13.8	20.7
9 8	20 19.41	−43 37.7	2.267	2.987	15.6	20.9

218382 2004 NO_{16} 8 1.7 347°.09 1°.3/ 2.8 18

6 30	21 6.81	−10 37.5	1.795	2.671	13.5	19.8
7 10	21 2.98	−11 26.0	1.721	2.665	10.1	19.6
7 20	20 57.28	−12 29.3	1.670	2.661	6.2	19.3
7 30	20 50.32	−13 43.5	1.644	2.656	2.2	19.1
8 9	20 42.99	−15 2.7	1.645	2.652	3.1	19.1
8 19	20 36.21	−16 20.8	1.672	2.649	7.2	19.4
8 29	20 30.90	−17 32.1	1.724	2.647	11.1	19.6
9 8	20 27.72	−18 32.6	1.799	2.645	14.4	19.8

345419 2006 DO_{30} 8 1.7 17°.83 0°.6/ 1.4 16

6 30	21 12.36	−17 56.9	1.623	2.512	14.0	21.2
7 10	21 7.13	−18 19.0	1.560	2.514	10.2	20.9
7 20	20 59.69	−18 47.9	1.519	2.515	5.8	20.7
7 30	20 50.84	−19 19.3	1.502	2.517	1.3	20.4
8 9	20 41.68	−19 48.2	1.512	2.519	3.7	20.5
8 19	20 33.34	−20 10.9	1.548	2.521	8.1	20.8
8 29	20 26.85	−20 24.9	1.608	2.523	12.2	21.1
9 8	20 22.88	−20 29.2	1.688	2.525	15.6	21.3

391592 2007 TT_{435} 8 1.7 292°.67 2°.3/ 3.2 18

6 30	21 10.82	−10 41.9	1.900	2.766	13.3	20.8
7 10	21 5.76	−10 43.4	1.825	2.762	10.0	20.6
7 20	20 58.82	−10 55.9	1.772	2.758	6.4	20.3
7 30	20 50.65	−11 17.8	1.745	2.754	2.9	20.1
8 9	20 42.15	−11 45.8	1.745	2.750	3.4	20.1
8 19	20 34.25	−12 16.5	1.771	2.746	7.0	20.4
8 29	20 27.83	−12 46.3	1.822	2.742	10.7	20.6
9 8	20 23.53	−13 12.2	1.896	2.738	13.9	20.8

508150 2015 FH_{151} 8 1.7 219°.37 1°.0/ 1.1 18

6 30	21 14.03	−18 28.1	1.901	2.781	12.7	21.9
7 10	21 8.21	−19 4.9	1.824	2.774	9.2	21.6
7 20	21 0.30	−19 48.1	1.771	2.766	5.3	21.4
7 30	20 50.99	−20 33.1	1.745	2.758	1.4	21.1
8 9	20 41.26	−21 14.9	1.746	2.750	3.6	21.3
8 19	20 32.15	−21 49.4	1.774	2.741	7.8	21.5
8 29	20 24.65	−22 13.9	1.827	2.731	11.6	21.7
9 8	20 19.47	−22 27.4	1.902	2.721	14.8	21.9

211704 2003 XE_{2} 8 1.7 286°.74 2°.3/ 3.2 18

6 30	21 10.62	−10 6.0	1.864	2.730	13.6	20.8
7 10	21 5.86	−10 19.4	1.769	2.706	10.3	20.6
7 20	20 59.05	−10 45.9	1.696	2.682	6.6	20.3
7 30	20 50.76	−11 23.8	1.648	2.657	3.0	20.0
8 9	20 41.87	−12 9.4	1.627	2.632	3.5	20.0
8 19	20 33.39	−12 58.3	1.632	2.608	7.5	20.2
8 29	20 26.34	−13 45.8	1.662	2.583	11.5	20.4
9 8	20 21.51	−14 28.1	1.715	2.558	15.1	20.5

250960 2006 DB_{60} 8 1.7 34°.19 2°.3/ 2.9 17

6 30	21 11.46	−11 30.0	1.024	1.926	19.2	19.9
7 10	21 7.12	−11 41.5	0.981	1.937	14.3	19.7
7 20	20 59.90	−12 11.3	0.956	1.950	8.8	19.4
7 30	20 50.91	−12 54.9	0.952	1.964	3.3	19.2
8 9	20 41.69	−13 45.1	0.970	1.978	4.4	19.3
8 19	20 33.76	−14 34.6	1.011	1.994	9.8	19.7
8 29	20 28.41	−15 17.5	1.073	2.010	14.7	20.0
9 8	20 26.31	−15 49.7	1.153	2.027	18.9	20.3

44771 1999 TA_{135} 8 1.7 97°.01 1°.4/ 2.5 18

6 30	21 15.32	−13 4.8	1.511	2.389	15.5	18.9
7 10	21 9.22	−13 18.7	1.458	2.403	11.4	18.7
7 20	21 0.85	−13 44.1	1.426	2.418	6.9	18.5
7 30	20 51.10	−14 17.2	1.420	2.432	2.2	18.2
8 9	20 41.16	−14 53.2	1.439	2.446	3.5	18.4
8 19	20 32.21	−15 27.4	1.484	2.460	8.1	18.7
8 29	20 25.28	−15 56.3	1.554	2.474	12.2	19.0
9 8	20 21.02	−16 17.6	1.644	2.487	15.7	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
92089 1999 XJ_{24}			8 1.7 355.°43	11.°2/22.9 18		
	h m	° ′			°	m
6 30	21 16.84	−48 0.2	1.984	2.837	13.4	18.8
7 10	21 10.87	−49 38.4	1.944	2.835	12.0	18.7
7 20	21 2.07	−50 59.4	1.926	2.834	11.2	18.7
7 30	20 51.40	−51 54.7	1.930	2.833	11.4	18.7
8 9	20 40.31	−52 19.1	1.957	2.832	12.5	18.8
8 19	20 30.31	−52 11.6	2.005	2.832	14.1	18.9
8 29	20 22.73	−51 35.4	2.071	2.832	15.8	19.0
9 8	20 18.33	−50 36.1	2.154	2.832	17.3	19.1
507234 2011 AM_{42}			8 1.7 248.°74	1.°5/31.9 17		
6 30	21 15.28	−20 18.4	1.597	2.487	14.2	21.7
7 10	21 9.41	−20 41.0	1.527	2.481	10.4	21.5
7 20	21 1.11	−21 8.3	1.478	2.474	6.0	21.2
7 30	20 51.19	−21 35.4	1.455	2.468	1.8	20.9
8 9	20 40.84	−21 57.2	1.457	2.461	4.2	21.1
8 19	20 31.31	−22 10.0	1.486	2.455	8.8	21.3
8 29	20 23.75	−22 12.2	1.538	2.448	13.0	21.5
9 8	20 18.94	−22 3.7	1.611	2.441	16.6	21.8
74829 1999 TR_{21}			8 1.7 257.°96	5.°1/29.7 18		
6 30	21 15.45	−27 7.7	1.549	2.445	14.2	20.0
7 10	21 9.80	−28 14.7	1.481	2.436	10.5	19.8
7 20	21 1.47	−29 22.1	1.436	2.427	6.9	19.5
7 30	20 51.29	−30 21.6	1.416	2.418	5.1	19.4
8 9	20 40.56	−31 5.4	1.421	2.408	7.2	19.5
8 19	20 30.67	−31 29.1	1.451	2.398	10.9	19.7
8 29	20 22.95	−31 31.6	1.503	2.388	14.7	19.9
9 8	20 18.22	−31 15.3	1.574	2.378	18.0	20.1
362383 2010 NV_{106}			8 1.7 306.°06	0.°8/ 1.3 18		
6 30	21 10.46	−18 45.3	2.001	2.885	12.0	21.0
7 10	21 5.54	−19 4.8	1.920	2.872	8.7	20.8
7 20	20 58.73	−19 29.5	1.863	2.859	5.0	20.6
7 30	20 50.67	−19 55.9	1.832	2.846	1.2	20.3
8 9	20 42.22	−20 20.0	1.828	2.833	3.3	20.4
8 19	20 34.32	−20 38.7	1.851	2.821	7.2	20.6
8 29	20 27.87	−20 49.8	1.899	2.809	10.9	20.8
9 8	20 23.53	−20 52.4	1.968	2.797	14.0	21.0
514267 2015 RJ_{58}			8 1.7 45.°15	3.°9/ 4.9 18		
6 30	21 7.62	− 3 53.6	2.231	3.070	12.6	21.5
7 10	21 3.18	− 4 5.0	2.159	3.073	9.9	21.4
7 20	20 57.22	− 4 31.2	2.109	3.076	7.0	21.2
7 30	20 50.32	− 5 10.9	2.084	3.080	4.5	21.0
8 9	20 43.17	− 6 1.2	2.086	3.083	4.2	21.0
8 19	20 36.51	− 6 58.2	2.116	3.087	6.4	21.2
8 29	20 31.05	− 7 57.5	2.171	3.090	9.3	21.4
9 8	20 27.31	− 8 54.7	2.251	3.094	12.0	21.5
32414 2000 RT_{29}			8 1.7 257.°34	4.°1/ 4.6 18		R
6 30	21 9.74	− 4 58.4	2.222	3.061	12.6	18.2
7 10	21 4.76	− 4 45.9	2.140	3.055	9.9	18.0
7 20	20 58.18	− 4 46.4	2.081	3.049	7.0	17.8
7 30	20 50.54	− 4 59.5	2.047	3.042	4.6	17.7
8 9	20 42.58	− 5 23.3	2.040	3.036	4.4	17.6
8 19	20 35.09	− 5 55.1	2.060	3.029	6.7	17.8
8 29	20 28.82	− 6 31.2	2.107	3.022	9.7	18.0
9 8	20 24.36	− 7 8.0	2.176	3.016	12.5	18.1
384778 2012 PM_{10}			8 1.8 250.°86	0.°0/ 1.6 17		
6 30	21 13.71	−16 56.1	1.809	2.689	13.2	21.5
7 10	21 8.01	−17 6.0	1.734	2.683	9.7	21.3
7 20	21 0.21	−17 22.4	1.681	2.675	5.7	21.0
7 30	20 51.01	−17 42.0	1.654	2.668	1.2	20.7
8 9	20 41.42	−18 1.1	1.654	2.661	3.3	20.8
8 19	20 32.51	−18 16.3	1.681	2.653	7.6	21.1
8 29	20 25.28	−18 25.5	1.733	2.646	11.6	21.3
9 8	20 20.42	−18 27.5	1.806	2.638	14.9	21.5
447182 2005 SK_{69}			8 1.8 348.°44	4.°2/30.3 16		
6 30	21 13.57	−28 29.7	1.889	2.780	12.3	20.9
7 10	21 7.88	−28 59.8	1.826	2.777	9.1	20.7
7 20	21 0.09	−29 26.9	1.786	2.775	6.0	20.5
7 30	20 50.97	−29 45.7	1.771	2.773	4.2	20.4
8 9	20 41.59	−29 51.8	1.783	2.771	5.8	20.5
8 19	20 33.02	−29 43.3	1.820	2.770	9.0	20.7
8 29	20 26.25	−29 20.6	1.882	2.769	12.2	20.9
9 8	20 21.90	−28 45.5	1.964	2.768	15.0	21.1
288322 2004 BU_{53}			8 1.8 301.°01	1.°3/ 1.0 18		
6 30	21 11.08	−17 6.5	1.350	2.249	15.7	20.3
7 10	21 6.88	−18 0.3	1.271	2.230	11.5	20.0
7 20	20 59.94	−19 7.3	1.214	2.212	6.7	19.6
7 30	20 51.02	−20 21.1	1.180	2.194	1.7	19.3
8 9	20 41.34	−21 33.3	1.170	2.176	4.6	19.4
8 19	20 32.32	−22 36.1	1.185	2.158	10.0	19.7
8 29	20 25.38	−23 24.1	1.222	2.141	14.9	19.9
9 8	20 21.48	−23 54.9	1.278	2.124	19.1	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
466632 2014 WZ_{19}			8 1.8 216.°92	2.°0/ 2.7 17		
	h m	° ′			°	m
6 30	21 15.23	−12 34.0	1.418	2.298	16.2	21.5
7 10	21 9.51	−12 33.0	1.350	2.297	12.1	21.3
7 20	21 1.24	−12 44.2	1.304	2.295	7.5	21.0
7 30	20 51.27	−13 5.2	1.281	2.293	2.8	20.7
8 9	20 40.85	−13 31.5	1.283	2.290	3.9	20.8
8 19	20 31.32	−13 58.8	1.311	2.288	8.7	21.1
8 29	20 23.88	−14 23.1	1.362	2.285	13.3	21.3
9 8	20 19.33	−14 41.5	1.433	2.283	17.2	21.6
203037 2000 CE_{79}			8 1.8 2.°79	0.°3/ 1.6 18		
6 30	21 12.45	−17 52.2	1.740	2.626	13.4	20.1
7 10	21 7.09	−18 3.4	1.674	2.626	9.8	19.9
7 20	20 59.66	−18 20.4	1.630	2.626	5.6	19.6
7 30	20 50.90	−18 39.8	1.612	2.626	1.2	19.3
8 9	20 41.85	−18 57.5	1.620	2.626	3.4	19.5
8 19	20 33.56	−19 10.5	1.654	2.627	7.7	19.7
8 29	20 27.00	−19 16.6	1.713	2.628	11.6	20.0
9 8	20 22.82	−19 15.1	1.793	2.629	14.9	20.2
481804 2008 TP_{112}			8 1.8 319.°58	0.°0/ 1.5 18		
6 30	21 11.41	−17 33.4	1.343	2.243	15.7	20.8
7 10	21 7.16	−17 33.7	1.257	2.215	11.7	20.4
7 20	21 0.14	−17 41.7	1.191	2.189	6.9	20.1
7 30	20 51.08	−17 54.0	1.149	2.163	1.5	19.7
8 9	20 41.23	−18 6.1	1.130	2.138	4.1	19.8
8 19	20 32.02	−18 13.8	1.135	2.113	9.6	20.0
8 29	20 24.87	−18 14.2	1.162	2.090	14.7	20.3
9 8	20 20.81	−18 6.0	1.208	2.067	19.1	20.5
382201 2012 OY_{5}			8 1.8 341.°34	11.°8/24.9 16		
6 30	21 14.68	−40 35.0	1.320	2.216	16.2	19.6
7 10	21 10.04	−42 26.5	1.272	2.207	13.7	19.4
7 20	21 1.93	−44 4.0	1.245	2.199	12.1	19.3
7 30	20 51.46	−45 14.6	1.239	2.193	12.1	19.3
8 9	20 40.38	−45 49.2	1.254	2.187	13.8	19.4
8 19	20 30.59	−45 45.1	1.289	2.181	16.4	19.5
8 29	20 23.75	−45 5.8	1.342	2.177	19.1	19.7
9 8	20 20.75	−43 58.6	1.410	2.173	21.7	19.9
208489 2001 VH_{64}			8 1.8 286.°33	4.°5/ 3.7 18		
6 30	21 14.02	− 8 19.6	1.315	2.190	17.6	19.8
7 10	21 8.90	− 7 53.2	1.240	2.178	13.6	19.5
7 20	21 1.04	− 7 43.1	1.184	2.167	9.2	19.3
7 30	20 51.26	− 7 49.0	1.150	2.155	5.2	19.0
8 9	20 40.83	− 8 8.6	1.141	2.144	5.4	19.0
8 19	20 31.17	− 8 37.5	1.155	2.132	9.7	19.2
8 29	20 23.63	− 9 10.6	1.192	2.121	14.3	19.4
9 8	20 19.14	− 9 42.7	1.248	2.110	18.5	19.7
516965 2012 DR_{94}			8 1.8 192.°93	1.°0/ 2.7 18		
6 30	21 8.50	−12 30.7	2.670	3.531	10.1	22.3
7 10	21 3.65	−12 54.0	2.593	3.530	7.5	22.1
7 20	20 57.46	−13 24.9	2.540	3.528	4.5	22.0
7 30	20 50.42	−14 1.3	2.515	3.527	1.6	21.7
8 9	20 43.15	−14 40.1	2.518	3.525	2.3	21.8
8 19	20 36.29	−15 18.5	2.550	3.523	5.4	22.0
8 29	20 30.46	−15 53.8	2.610	3.521	8.2	22.2
9 8	20 26.16	−16 24.0	2.693	3.518	10.8	22.4
86861 2000 HA_{12}			8 1.8 98.°70	0.°3/ 1.9 17		
6 30	21 14.76	−15 21.3	1.636	2.516	14.4	20.2
7 10	21 8.73	−15 42.1	1.582	2.530	10.5	20.0
7 20	21 0.57	−16 11.5	1.550	2.544	6.1	19.8
7 30	20 51.10	−16 45.6	1.543	2.557	1.4	19.5
8 9	20 41.44	−17 19.5	1.563	2.571	3.3	19.6
8 19	20 32.71	−17 49.3	1.610	2.584	7.8	19.9
8 29	20 25.86	−18 11.9	1.681	2.596	11.7	20.2
9 8	20 21.52	−18 26.2	1.773	2.609	15.0	20.5
58124 1981 EK_{29}			8 1.8 222.°77	3.°1/ 3.9 18		
6 30	21 10.40	− 7 45.3	2.022	2.876	13.1	19.6
7 10	21 5.37	− 7 48.1	1.946	2.874	10.1	19.4
7 20	20 58.60	− 8 3.7	1.893	2.872	6.7	19.2
7 30	20 50.69	− 8 30.8	1.866	2.870	3.7	19.0
8 9	20 42.47	− 9 6.4	1.866	2.868	3.7	19.0
8 19	20 34.80	− 9 46.8	1.892	2.866	6.8	19.2
8 29	20 28.50	−10 28.1	1.945	2.864	10.2	19.4
9 8	20 24.19	−11 6.7	2.020	2.861	13.2	19.6
138311 2000 GG_{63}			8 1.8 88.°23	5.°9/29.1 17		
6 30	21 15.92	−32 57.9	1.941	2.825	12.3	19.6
7 10	21 9.56	−33 48.0	1.890	2.833	9.4	19.5
7 20	21 1.04	−34 31.5	1.863	2.841	6.9	19.3
7 30	20 51.21	−35 1.9	1.861	2.848	5.9	19.3
8 9	20 41.21	−35 14.9	1.886	2.856	7.3	19.4
8 19	20 32.14	−35 8.7	1.936	2.863	9.9	19.6
8 29	20 24.99	−34 44.6	2.009	2.871	12.6	19.8
9 8	20 20.37	−34 5.8	2.103	2.878	15.0	19.9

91493 1999 RE_{134} 8 1.8 248°.55 1°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.92	−20 56.2	1.888	2.768	12.8	18.7
7 10	21 10.30	−20 51.9	1.810	2.759	9.4	18.5
7 20	21 1.52	−20 49.3	1.756	2.751	5.4	18.3
7 30	20 51.34	−20 45.1	1.728	2.742	1.5	18.0
8 9	20 40.81	−20 36.4	1.728	2.733	3.6	18.1
8 19	20 31.02	−20 21.5	1.755	2.724	7.7	18.3
8 29	20 22.97	−19 59.8	1.808	2.714	11.5	18.6
9 8	20 17.36	−19 31.9	1.883	2.705	14.8	18.8

2692 Chkalov 8 1.8 120°.30 4°.8/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.11	− 3 8.1	2.002	2.833	14.1	16.6
7 10	21 7.21	− 2 56.7	1.940	2.848	11.2	16.4
7 20	20 59.58	− 3 1.1	1.900	2.863	8.0	16.2
7 30	20 50.90	− 3 20.6	1.886	2.877	5.4	16.1
8 9	20 42.02	− 3 52.8	1.898	2.890	5.1	16.1
8 19	20 33.83	− 4 34.0	1.937	2.903	7.3	16.3
8 29	20 27.11	− 5 19.8	2.002	2.916	10.2	16.5
9 8	20 22.42	− 6 5.8	2.090	2.928	13.0	16.7

516507 2006 BV_{30} 8 1.8 233°.76 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.70	−13 7.8	2.615	3.478	10.2	21.2
7 10	21 3.93	−14 19.2	2.530	3.470	7.5	21.1
7 20	20 57.71	−15 40.5	2.471	3.462	4.4	20.8
7 30	20 50.51	−17 7.7	2.440	3.454	1.0	20.6
8 9	20 42.96	−18 36.0	2.440	3.446	2.5	20.7
8 19	20 35.75	−20 0.5	2.469	3.438	5.8	20.9
8 29	20 29.56	−21 17.1	2.527	3.429	8.8	21.1
9 8	20 24.94	−22 23.0	2.608	3.420	11.5	21.3

58332 1994 UR 8 1.8 251°.30 1°.9/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.93	−20 15.4	1.774	2.660	13.2	19.6
7 10	21 8.39	−21 1.5	1.694	2.647	9.6	19.4
7 20	21 0.57	−21 53.9	1.637	2.633	5.6	19.1
7 30	20 51.17	−22 46.9	1.606	2.619	2.1	18.9
8 9	20 41.22	−23 34.5	1.602	2.604	4.4	19.0
8 19	20 31.87	−24 12.0	1.625	2.589	8.6	19.2
8 29	20 24.24	−24 36.6	1.672	2.574	12.6	19.4
9 8	20 19.13	−24 47.6	1.739	2.558	16.0	19.6

295206 2008 FH_{123} 8 1.8 90°.29 2°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.36	− 9 51.4	2.272	3.129	11.8	21.4
7 10	21 4.38	−10 7.9	2.208	3.140	8.8	21.2
7 20	20 57.92	−10 34.7	2.167	3.151	5.6	21.0
7 30	20 50.54	−11 9.7	2.153	3.162	2.6	20.8
8 9	20 42.98	−11 49.6	2.167	3.173	2.9	20.9
8 19	20 35.98	−12 30.9	2.209	3.183	5.9	21.1
8 29	20 30.21	−13 10.4	2.277	3.194	9.0	21.3
9 8	20 26.20	−13 45.4	2.369	3.204	11.7	21.5

443788 2015 MF_{92} 8 1.8 86°.18 6°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.73	−32 49.6	1.769	2.660	13.0	20.5
7 10	21 8.99	−34 22.6	1.724	2.669	10.0	20.4
7 20	21 0.87	−35 49.7	1.702	2.677	7.6	20.2
7 30	20 51.22	−37 2.0	1.705	2.686	7.0	20.2
8 9	20 41.25	−37 52.9	1.734	2.695	8.6	20.3
8 19	20 32.21	−38 19.5	1.788	2.704	11.2	20.5
8 29	20 25.21	−38 22.4	1.863	2.713	14.0	20.7
9 8	20 20.94	−38 5.0	1.958	2.722	16.4	20.9

106796 2000 XQ_{26} 8 1.8 245°.66 1°.6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.27	−20 45.8	1.609	2.496	14.3	20.2
7 10	21 10.98	−21 4.7	1.532	2.484	10.5	20.0
7 20	21 2.13	−21 27.6	1.476	2.472	6.1	19.7
7 30	20 51.53	−21 49.8	1.446	2.460	1.9	19.4
8 9	20 40.39	−22 6.0	1.443	2.447	4.3	19.5
8 19	20 30.02	−22 13.0	1.465	2.433	9.0	19.8
8 29	20 21.66	−22 9.1	1.512	2.420	13.3	20.0
9 8	20 16.13	−21 54.9	1.579	2.405	17.0	20.2

146805 2001 YR_{69} 8 1.8 109°.89 1°.4/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.24	−13 2.0	2.317	3.178	11.4	19.7
7 10	21 6.42	−12 57.0	2.253	3.189	8.5	19.6
7 20	20 59.07	−12 59.1	2.213	3.200	5.2	19.4
7 30	20 50.80	−13 6.4	2.200	3.211	2.0	19.2
8 9	20 42.39	−13 16.8	2.215	3.221	2.7	19.3
8 19	20 34.59	−13 28.0	2.259	3.232	5.9	19.5
8 29	20 28.09	−13 38.0	2.329	3.242	9.0	19.7
9 8	20 23.40	−13 45.1	2.423	3.251	11.7	19.9

143054 2002 WH_5 8 1.8 255°.55 1°.0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.73	−19 7.7	2.035	2.917	11.9	20.3
7 10	21 6.43	−19 35.5	1.961	2.911	8.6	20.1
7 20	20 59.27	−20 8.2	1.910	2.905	5.0	19.8
7 30	20 50.88	−20 42.1	1.885	2.899	1.3	19.6
8 9	20 42.15	−21 12.7	1.888	2.893	3.4	19.7
8 19	20 34.01	−21 37.0	1.918	2.886	7.2	19.9
8 29	20 27.35	−21 52.6	1.974	2.880	10.7	20.1
9 8	20 22.79	−21 58.8	2.051	2.873	13.8	20.3

250003 2001 YQ_{59} 8 1.8 261°.50 1°.4/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.06	−13 4.6	2.208	3.074	11.7	20.6
7 10	21 5.78	−13 4.3	2.128	3.067	8.7	20.4
7 20	20 58.82	−13 11.7	2.071	3.060	5.4	20.1
7 30	20 50.78	−13 24.9	2.041	3.053	2.0	19.9
8 9	20 42.43	−13 41.5	2.039	3.045	2.8	20.0
8 19	20 34.58	−13 58.9	2.064	3.038	6.3	20.2
8 29	20 28.04	−14 14.4	2.116	3.030	9.7	20.4
9 8	20 23.37	−14 26.4	2.190	3.023	12.6	20.6

357947 2005 YX_{76} 8 1.8 122°.28 0°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.37	−15 11.4	2.379	3.246	10.9	20.8
7 10	21 5.82	−15 8.9	2.307	3.249	8.0	20.6
7 20	20 58.75	−15 11.9	2.261	3.252	4.8	20.4
7 30	20 50.75	−15 18.5	2.241	3.254	1.4	20.2
8 9	20 42.55	−15 26.4	2.250	3.257	2.5	20.3
8 19	20 34.91	−15 33.5	2.287	3.259	5.9	20.5
8 29	20 28.52	−15 38.2	2.350	3.262	9.0	20.7
9 8	20 23.90	−15 39.1	2.437	3.264	11.7	20.9

129132 2004 YS_{28} 8 1.8 186°.91 0°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.88	−18 0.3	1.811	2.694	13.1	20.9
7 10	21 7.40	−18 26.1	1.743	2.694	9.5	20.7
7 20	20 59.87	−18 58.2	1.699	2.694	5.5	20.4
7 30	20 51.02	−19 32.5	1.680	2.694	1.3	20.2
8 9	20 41.86	−20 4.2	1.688	2.694	3.4	20.3
8 19	20 33.41	−20 29.8	1.723	2.693	7.6	20.6
8 29	20 26.64	−20 46.9	1.782	2.693	11.4	20.8
9 8	20 22.19	−20 54.5	1.863	2.692	14.7	21.0

279019 2008 UJ_{307} 8 1.8 323°.27 1°.7/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.22	−17 8.6	1.286	2.193	15.7	19.5
7 10	21 4.25	−18 15.6	1.202	2.165	11.6	19.2
7 20	20 58.56	−19 38.7	1.138	2.138	6.7	18.8
7 30	20 50.82	−21 11.0	1.098	2.112	2.0	18.5
8 9	20 42.20	−22 42.9	1.081	2.086	5.1	18.6
8 19	20 34.13	−24 4.8	1.088	2.062	10.6	18.8
8 29	20 28.09	−25 9.5	1.116	2.038	15.7	19.0
9 8	20 25.15	−25 53.3	1.162	2.016	20.1	19.3

235730 2004 TY_{206} 8 1.8 293°.23 3°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.42	−23 52.1	1.660	2.554	13.5	20.6
7 10	21 8.34	−24 42.0	1.572	2.528	10.0	20.3
7 20	21 0.73	−25 36.0	1.507	2.502	6.1	20.1
7 30	20 51.27	−26 27.4	1.467	2.476	3.5	19.8
8 9	20 41.08	−27 9.5	1.453	2.449	5.7	19.9
8 19	20 31.44	−27 37.2	1.464	2.423	9.9	20.1
8 29	20 23.63	−27 48.0	1.499	2.396	14.0	20.3
9 8	20 18.58	−27 42.4	1.552	2.370	17.7	20.5

431110 2006 GV_{32} 8 1.8 118°.67 4°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.57	−28 0.2	1.970	2.852	12.2	21.4
7 10	21 10.59	−28 33.3	1.918	2.865	9.0	21.2
7 20	21 1.58	−29 3.2	1.890	2.878	5.8	21.0
7 30	20 51.37	−29 24.5	1.888	2.891	4.0	20.9
8 9	20 41.05	−29 33.4	1.914	2.903	5.5	21.1
8 19	20 31.66	−29 28.2	1.967	2.915	8.5	21.3
8 29	20 24.12	−29 9.3	2.045	2.926	11.6	21.5
9 8	20 19.01	−28 39.1	2.144	2.937	14.2	21.7

397417 2006 YZ_{36} 8 1.8 73°.20 0°.3/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.30	−18 36.6	2.201	3.074	11.5	20.7
7 10	21 7.86	−18 36.0	2.152	3.098	8.3	20.5
7 20	20 59.86	−18 38.6	2.128	3.121	4.7	20.3
7 30	20 50.98	−18 41.9	2.131	3.145	1.0	20.1
8 9	20 42.09	−18 43.4	2.163	3.169	2.8	20.3
8 19	20 33.98	−18 41.5	2.222	3.192	6.2	20.5
8 29	20 27.36	−18 35.1	2.308	3.215	9.4	20.8
9 8	20 22.72	−18 24.0	2.418	3.238	12.0	21.0

130873 2000 VR_2 8 1.8 347°.48 9°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.86	−30 18.2	0.992	1.918	17.5	18.3
7 10	21 6.11	−32 22.3	0.943	1.909	13.5	18.1
7 20	20 59.85	−34 25.6	0.912	1.901	10.2	17.9
7 30	20 51.10	−36 12.3	0.903	1.895	9.5	17.8
8 9	20 41.63	−37 28.5	0.914	1.889	12.1	17.9
8 19	20 33.39	−38 7.2	0.944	1.885	16.1	18.1
8 29	20 28.15	−38 8.1	0.992	1.883	20.1	18.4
9 8	20 26.87	−37 37.0	1.055	1.882	23.6	18.6

106546 2000 WF_{69} 8 1.8 309°.65 13°.0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.45	+13 16.9	1.767	2.516	18.8	18.9
7 10	21 7.23	+14 52.5	1.695	2.512	16.9	18.7
7 20	20 59.88	+16 2.7	1.641	2.508	15.0	18.6
7 30	20 51.07	+16 41.9	1.607	2.504	13.6	18.5
8 9	20 41.74	+16 47.6	1.593	2.501	13.0	18.5
8 19	20 32.97	+16 20.9	1.602	2.497	13.6	18.5
8 29	20 25.78	+15 27.0	1.631	2.494	15.0	18.6
9 8	20 20.95	+14 14.0	1.680	2.490	16.8	18.7

15607 2000 GA_{124} 8 1.8 312°.00 2°.4/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.66	−18 42.5	1.317	2.222	15.6	17.0
7 10	21 6.11	−19 49.9	1.229	2.191	11.5	16.7
7 20	20 59.71	−21 11.7	1.161	2.160	6.7	16.3
7 30	20 51.11	−22 40.7	1.117	2.130	2.5	16.0
8 9	20 41.49	−24 7.1	1.096	2.099	5.6	16.1
8 19	20 32.36	−25 21.6	1.100	2.070	11.0	16.3
8 29	20 25.26	−26 17.7	1.124	2.041	16.1	16.5
9 8	20 21.37	−26 52.6	1.167	2.012	20.6	16.7

41563 2000 RL_{71} 8 1.8 199°.77 1°.7/31.6 18

6 30	21 13.79	−20 34.7	1.975	2.858	12.2	19.3
7 10	21 7.99	−21 13.5	1.905	2.855	8.8	19.1
7 20	21 0.20	−21 56.6	1.858	2.853	5.1	18.8
7 30	20 51.12	−22 39.1	1.837	2.850	1.8	18.6
8 9	20 41.69	−23 16.2	1.844	2.846	3.9	18.8
8 19	20 32.90	−23 44.4	1.879	2.842	7.7	19.0
8 29	20 25.71	−24 1.5	1.938	2.838	11.2	19.2
9 8	20 20.75	−24 7.4	2.020	2.833	14.3	19.4

333459 2004 PQ_{31} 8 1.8 328°.24 0°.7/ 2.2 18

6 30	21 6.97	−13 37.8	1.225	2.128	16.6	20.2
7 10	21 4.05	−14 8.6	1.145	2.104	12.4	19.9
7 20	20 58.43	−14 56.4	1.084	2.081	7.5	19.5
7 30	20 50.82	−15 57.0	1.045	2.059	2.0	19.1
8 9	20 42.41	−17 3.4	1.030	2.038	4.1	19.2
8 19	20 34.65	−18 7.7	1.037	2.018	9.8	19.4
8 29	20 28.96	−19 2.9	1.065	2.000	15.1	19.7
9 8	20 26.36	−19 44.2	1.112	1.983	19.6	19.9

472729 2015 FY_{74} 8 1.8 234°.86 7°.9/27.5 17

6 30	21 18.11	−36 35.4	1.834	2.714	13.1	20.7
7 10	21 11.64	−37 50.4	1.773	2.707	10.5	20.6
7 20	21 2.53	−38 57.0	1.735	2.700	8.4	20.4
7 30	20 51.67	−39 46.6	1.721	2.692	7.9	20.4
8 9	20 40.35	−40 12.9	1.733	2.684	9.4	20.5
8 19	20 29.94	−40 13.3	1.770	2.676	11.9	20.6
8 29	20 21.69	−39 49.4	1.828	2.667	14.6	20.8
9 8	20 16.38	−39 5.5	1.905	2.658	17.1	20.9

513043 2017 VG_{6} 8 1.8 281°.39 2°.6/31.4 17

6 30	21 15.24	−21 31.7	1.462	2.357	14.9	22.2
7 10	21 9.91	−22 11.8	1.378	2.335	11.0	21.9
7 20	21 1.77	−22 58.0	1.316	2.313	6.5	21.6
7 30	20 51.57	−23 44.0	1.279	2.291	2.7	21.3
8 9	20 40.57	−24 22.6	1.266	2.268	5.3	21.4
8 19	20 30.23	−24 48.4	1.279	2.245	10.2	21.6
8 29	20 21.98	−24 58.6	1.314	2.222	14.8	21.9
9 8	20 16.81	−24 53.5	1.368	2.200	18.9	22.1

444387 2005 YA_{156} 8 1.8 287°.01 3°.3/ 4.0 18

6 30	21 10.16	− 7 30.9	2.284	3.132	12.1	20.7
7 10	21 5.08	− 7 13.6	2.204	3.126	9.3	20.5
7 20	20 58.42	− 7 6.9	2.146	3.121	6.4	20.3
7 30	20 50.75	− 7 10.2	2.115	3.115	3.8	20.1
8 9	20 42.80	− 7 21.9	2.111	3.110	3.8	20.1
8 19	20 35.31	− 7 39.7	2.134	3.105	6.4	20.3
8 29	20 29.04	− 8 0.7	2.184	3.099	9.4	20.5
9 8	20 24.53	− 8 22.1	2.256	3.094	12.2	20.7

95794 2003 FN_{21} 8 1.8 57°.26 6°.6/28.2 18

6 30	21 13.81	−28 44.0	1.448	2.350	14.6	18.9
7 10	21 8.62	−30 35.2	1.409	2.364	10.9	18.7
7 20	21 0.78	−32 23.7	1.392	2.379	7.7	18.5
7 30	20 51.29	−33 58.6	1.400	2.393	6.6	18.5
8 9	20 41.48	−35 11.1	1.434	2.408	8.6	18.7
8 19	20 32.77	−35 56.8	1.491	2.423	11.9	18.9
8 29	20 26.34	−36 15.8	1.569	2.439	15.1	19.2
9 8	20 22.90	−36 11.6	1.666	2.454	17.8	19.4

243332 2008 TF_{45} 8 1.8 212°.78 3°.7/ 4.3 17

6 30	21 11.46	− 6 17.8	1.990	2.837	13.6	21.0
7 10	21 6.23	− 6 17.9	1.912	2.834	10.5	20.8
7 20	20 59.18	− 6 32.1	1.856	2.830	7.2	20.6
7 30	20 50.94	− 6 59.4	1.825	2.826	4.3	20.4
8 9	20 42.34	− 7 36.8	1.822	2.822	4.2	20.4
8 19	20 34.28	− 8 20.7	1.845	2.818	7.1	20.6
8 29	20 27.63	− 9 6.7	1.894	2.813	10.4	20.8
9 8	20 23.01	− 9 50.8	1.966	2.808	13.5	21.0

157242 2004 RN_{105} 8 1.8 67°.26 3°.2/31.5 18

6 30	21 18.84	−25 40.7	1.563	2.454	14.4	19.2
7 10	21 11.84	−25 49.1	1.513	2.467	10.5	19.0
7 20	21 2.42	−25 55.5	1.486	2.480	6.3	18.8
7 30	20 51.62	−25 54.6	1.483	2.493	3.3	18.7
8 9	20 40.75	−25 42.9	1.507	2.506	5.2	18.8
8 19	20 31.07	−25 19.3	1.557	2.519	9.1	19.1
8 29	20 23.64	−24 44.9	1.631	2.532	12.8	19.3
9 8	20 19.05	−24 1.9	1.725	2.546	16.0	19.6

105580 2000 RN_{78} 8 1.8 295°.67 4°.6/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.10	− 2 45.7	2.054	2.892	13.6	20.0
7 10	21 3.80	− 2 54.1	1.969	2.881	10.8	19.7
7 20	20 57.79	− 3 19.5	1.906	2.871	7.8	19.5
7 30	20 50.64	− 4 1.3	1.867	2.860	5.2	19.4
8 9	20 43.10	− 4 56.7	1.855	2.850	4.8	19.3
8 19	20 36.00	− 6 1.3	1.869	2.840	7.1	19.4
8 29	20 30.16	− 7 10.0	1.909	2.830	10.2	19.6
9 8	20 26.20	− 8 17.4	1.972	2.820	13.2	19.8

349411 2007 YT_{48} 8 1.8 227°.86 3°.2/30.2 18

6 30	21 10.97	−23 26.0	2.051	2.940	11.5	20.4
7 10	21 5.98	−24 40.8	1.985	2.938	8.4	20.2
7 20	20 59.09	−25 58.9	1.943	2.936	5.1	20.0
7 30	20 50.92	−27 14.0	1.928	2.934	3.2	19.9
8 9	20 42.39	−28 19.9	1.940	2.932	5.0	20.0
8 19	20 34.43	−29 12.2	1.980	2.930	8.3	20.2
8 29	20 27.95	−29 48.6	2.044	2.928	11.5	20.4
9 8	20 23.61	−30 9.0	2.130	2.926	14.2	20.6

422723 2001 ER_{9} 8 1.8 45°.68 4°.8/ 5.5 17

6 30	21 11.86	− 1 41.9	1.375	2.226	18.3	19.9
7 10	21 6.64	− 2 29.4	1.344	2.266	14.1	19.7
7 20	20 59.35	− 3 41.1	1.334	2.305	9.7	19.6
7 30	20 50.93	− 5 12.2	1.346	2.345	5.9	19.5
8 9	20 42.56	− 6 54.4	1.385	2.385	5.1	19.5
8 19	20 35.31	− 8 39.0	1.448	2.425	8.1	19.8
8 29	20 30.04	−10 17.6	1.537	2.465	11.7	20.1
9 8	20 27.27	−11 44.5	1.647	2.505	14.9	20.4

41042 1999 VB_{2} 8 1.8 118°.65 5°.7/26.7 18 R

6 30	21 13.96	−36 18.7	2.838	3.706	9.3	18.4
7 10	21 7.77	−37 45.2	2.798	3.724	7.4	18.3
7 20	20 59.95	−39 4.7	2.784	3.742	6.0	18.3
7 30	20 51.10	−40 11.8	2.799	3.760	5.8	18.3
8 9	20 42.02	−41 2.5	2.841	3.777	6.8	18.4
8 19	20 33.51	−41 34.9	2.909	3.793	8.5	18.5
8 29	20 26.34	−41 49.2	3.002	3.809	10.3	18.7
9 8	20 21.05	−41 47.5	3.115	3.825	11.9	18.8

257633 1999 TV_{204} 8 1.8 323°.51 7°.6/27.9 18

6 30	21 13.69	−35 52.6	1.775	2.664	13.0	20.1
7 10	21 8.52	−36 50.9	1.704	2.644	10.4	19.9
7 20	21 0.80	−37 41.7	1.654	2.625	8.3	19.8
7 30	20 51.35	−38 16.9	1.629	2.606	7.7	19.7
8 9	20 41.37	−38 30.4	1.628	2.588	9.1	19.7
8 19	20 32.20	−38 19.7	1.651	2.570	11.8	19.9
8 29	20 25.07	−37 45.6	1.696	2.553	14.7	20.0
9 8	20 20.78	−36 52.0	1.759	2.536	17.4	20.2

523197 2016 UH_{149} 8 1.8 310°.75 4°.9/ 5.2 18

6 30	21 9.93	− 2 52.5	2.219	3.049	13.0	21.3
7 10	21 4.93	− 2 29.1	2.142	3.048	10.4	21.1
7 20	20 58.36	− 2 19.5	2.088	3.047	7.6	21.0
7 30	20 50.77	− 2 24.1	2.059	3.046	5.4	20.8
8 9	20 42.90	− 2 41.3	2.056	3.045	5.1	20.8
8 19	20 35.53	− 3 8.6	2.080	3.044	7.0	20.9
8 29	20 29.38	− 3 42.5	2.130	3.043	9.7	21.1
9 8	20 25.03	− 4 18.9	2.204	3.043	12.4	21.3

6049 Toda 8 1.8 358°.41 1°.6/ 2.6 18

6 30	21 9.68	−12 35.6	1.178	2.077	17.5	16.6
7 10	21 5.87	−12 50.9	1.118	2.074	13.0	16.3
7 20	20 59.35	−13 22.3	1.077	2.072	7.9	16.0
7 30	20 51.04	−14 5.6	1.058	2.071	2.7	15.7
8 9	20 42.26	−14 54.7	1.062	2.071	4.0	15.8
8 19	20 34.43	−15 42.8	1.090	2.072	9.4	16.1
8 29	20 28.86	−16 24.2	1.139	2.074	14.3	16.4
9 8	20 26.34	−16 55.2	1.206	2.076	18.5	16.6

372420 2009 RW_{61} 8 1.8 297°.79 1°.9/31.8 18

6 30	21 13.13	−19 57.8	1.454	2.350	14.9	20.7
7 10	21 8.38	−20 34.3	1.368	2.326	11.0	20.4
7 20	21 0.91	−21 18.8	1.303	2.301	6.4	20.1
7 30	20 51.43	−22 5.5	1.263	2.276	2.1	19.7
8 9	20 41.13	−22 47.5	1.247	2.251	4.8	19.9
8 19	20 31.43	−23 19.1	1.256	2.226	9.9	20.1
8 29	20 23.73	−23 36.9	1.288	2.202	14.6	20.3
9 8	20 19.02	−23 40.1	1.338	2.177	18.8	20.5

515093 2010 UP_{79} 8 1.8 175°.87 5°.5/ 6.3 18

6 30	21 9.45	+ 1 37.2	2.747	3.543	11.6	21.3
7 10	21 4.32	+ 2 3.9	2.668	3.544	9.6	21.1
7 20	20 57.91	+ 2 17.0	2.611	3.545	7.5	21.0
7 30	20 50.67	+ 2 15.9	2.579	3.546	5.9	20.9
8 9	20 43.21	+ 2 1.5	2.575	3.546	5.5	20.8
8 19	20 36.14	+ 1 35.6	2.598	3.546	6.7	20.9
8 29	20 30.06	+ 1 1.3	2.647	3.546	8.6	21.1
9 8	20 25.44	+ 0 22.2	2.721	3.546	10.7	21.2

397705 2008 CC_{197} 8 1.8 87°.69 0°.3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.79	−15 17.5	2.224	3.094	11.5	21.6
7 10	21 6.15	−15 38.2	2.171	3.114	8.4	21.4
7 20	20 58.97	−16 5.3	2.142	3.134	4.9	21.2
7 30	20 50.89	−16 35.7	2.140	3.154	1.2	21.0
8 9	20 42.71	−17 6.0	2.167	3.174	2.6	21.2
8 19	20 35.19	−17 33.3	2.221	3.193	6.1	21.4
8 29	20 29.04	−17 55.4	2.302	3.212	9.2	21.7
9 8	20 24.75	−18 11.0	2.405	3.231	11.9	21.9

291657 2006 HF_{56} 8 1.8 49°.99 5°.2/30.3 17

6 30	21 15.77	−25 39.5	1.148	2.058	17.0	20.2
7 10	21 10.36	−26 46.1	1.107	2.070	12.4	19.9
7 20	21 1.90	−27 52.9	1.087	2.082	7.8	19.7
7 30	20 51.57	−28 49.5	1.090	2.095	5.2	19.6
8 9	20 41.03	−29 27.8	1.115	2.109	7.5	19.8
8 19	20 31.91	−29 43.8	1.164	2.123	11.8	20.1
8 29	20 25.53	−29 37.9	1.233	2.137	15.9	20.4
9 8	20 22.57	−29 13.4	1.320	2.151	19.4	20.6

912 Maritima 8 1.8 180°.17 6°.7/26.5 18

6 30	21 15.93	−41 10.7	2.834	3.691	9.7	15.0
7 10	21 9.29	−42 10.0	2.780	3.692	8.1	14.9
7 20	21 0.87	−42 59.8	2.751	3.692	6.9	14.8
7 30	20 51.34	−43 35.0	2.749	3.692	6.7	14.8
8 9	20 41.56	−43 52.2	2.772	3.692	7.6	14.9
8 19	20 32.45	−43 50.2	2.821	3.691	9.2	15.0
8 29	20 24.82	−43 30.2	2.894	3.690	10.9	15.1
9 8	20 19.26	−42 54.8	2.987	3.689	12.5	15.3

34568 2000 SP_{305} 8 1.8 243°.30 3°.8/30.1 18

6 30	21 13.71	−28 36.6	2.337	3.219	10.6	18.8
7 10	21 7.79	−29 11.5	2.264	3.211	7.9	18.6
7 20	21 0.06	−29 44.1	2.216	3.202	5.2	18.4
7 30	20 51.17	−30 9.6	2.194	3.194	3.8	18.3
8 9	20 41.98	−30 24.2	2.200	3.185	5.2	18.4
8 19	20 33.38	−30 25.9	2.233	3.176	7.9	18.5
8 29	20 26.23	−30 14.2	2.292	3.167	10.7	18.7
9 8	20 21.14	−29 50.7	2.372	3.158	13.2	18.8

258665 2002 EN_{101} 8 1.8 217°.19 3°.2/ 3.5 17

6 30	21 14.44	− 9 1.7	1.546	2.412	15.8	20.8
7 10	21 8.87	− 9 2.7	1.472	2.408	12.1	20.6
7 20	21 0.93	− 9 19.1	1.420	2.404	7.9	20.3
7 30	20 51.39	− 9 48.8	1.392	2.399	3.9	20.1
8 9	20 41.37	−10 27.9	1.390	2.394	4.2	20.1
8 19	20 32.08	−11 11.7	1.413	2.389	8.3	20.3
8 29	20 24.66	−11 54.9	1.460	2.383	12.6	20.6
9 8	20 19.88	−12 33.5	1.529	2.377	16.4	20.8

344681 2003 SM_{236} 8 1.8 260°.86 5°.5/29.4 18

6 30	21 16.95	−31 39.9	1.986	2.868	12.1	21.0
7 10	21 10.57	−32 25.6	1.909	2.853	9.3	20.8
7 20	21 1.87	−33 6.7	1.856	2.837	6.6	20.6
7 30	20 51.60	−33 36.8	1.829	2.821	5.5	20.5
8 9	20 40.86	−33 50.6	1.829	2.804	7.0	20.6
8 19	20 30.84	−33 45.8	1.854	2.787	9.9	20.7
8 29	20 22.64	−33 22.5	1.903	2.770	13.0	20.9
9 8	20 17.01	−32 43.8	1.973	2.753	15.7	21.0

523560 2017 XM_{55} 8 1.8 115°.04 3°.6/30.5 17

6 30	21 14.78	−25 34.9	1.889	2.777	12.4	21.6
7 10	21 8.74	−26 25.7	1.835	2.786	9.1	21.5
7 20	21 0.65	−27 16.4	1.804	2.796	5.7	21.3
7 30	20 51.29	−28 0.8	1.800	2.805	3.6	21.2
8 9	20 41.71	−28 33.8	1.823	2.815	5.3	21.3
8 19	20 32.97	−28 52.5	1.872	2.824	8.6	21.5
8 29	20 25.99	−28 56.3	1.946	2.832	11.8	21.7
9 8	20 21.42	−28 46.5	2.041	2.841	14.6	21.9

361955 2008 JB_9 8 1.8 326°.22 5°.7/28.1 18

6 30	21 11.97	−32 33.9	2.173	3.059	11.1	20.4
7 10	21 6.73	−33 46.0	2.113	3.057	8.6	20.2
7 20	20 59.54	−34 53.6	2.078	3.054	6.4	20.1
7 30	20 51.06	−35 50.4	2.069	3.053	5.8	20.1
8 9	20 42.25	−36 31.1	2.087	3.051	7.1	20.1
8 19	20 34.10	−36 53.0	2.130	3.049	9.5	20.3
8 29	20 27.52	−36 55.8	2.197	3.047	12.1	20.5
9 8	20 23.16	−36 41.7	2.283	3.046	14.3	20.6

432585 2010 QH_7 8 1.8 295°.06 0°.4/ 1.9 17

6 30	21 16.16	−17 8.5	1.329	2.221	16.3	21.3
7 10	21 10.56	−16 58.9	1.254	2.209	12.1	21.0
7 20	21 2.11	−16 56.4	1.201	2.197	7.1	20.7
7 30	20 51.68	−16 57.8	1.170	2.184	1.7	20.4
8 9	20 40.64	−16 59.1	1.165	2.172	4.0	20.5
8 19	20 30.49	−16 57.2	1.184	2.161	9.5	20.8
8 29	20 22.60	−16 50.0	1.225	2.149	14.4	21.0
9 8	20 17.88	−16 36.6	1.286	2.138	18.6	21.3

4645 Tentaikojo 8 1.8 202°.29 3°.5/ 4.5 18

6 30	21 10.75	− 5 9.8	2.182	3.022	12.8	17.6
7 10	21 5.61	− 5 24.3	2.102	3.019	10.0	17.4
7 20	20 58.80	− 5 53.3	2.044	3.015	6.9	17.2
7 30	20 50.90	− 6 35.5	2.011	3.011	4.1	17.0
8 9	20 42.67	− 7 27.7	2.007	3.007	3.9	17.0
8 19	20 34.90	− 8 25.8	2.030	3.002	6.6	17.1
8 29	20 28.40	− 9 25.2	2.080	2.996	9.7	17.3
9 8	20 23.75	−10 21.9	2.153	2.991	12.7	17.5

311561 2006 BF_{252} 8 1.8 285°.18 0°.1/ 1.9 17

6 30	21 13.73	−15 17.9	1.280	2.175	16.7	21.4
7 10	21 8.90	−15 44.4	1.207	2.163	12.3	21.1
7 20	21 1.21	−16 23.9	1.154	2.150	7.3	20.8
7 30	20 51.50	−17 11.6	1.124	2.138	1.7	20.4
8 9	20 41.09	−18 0.7	1.118	2.126	4.1	20.6
8 19	20 31.49	−18 44.7	1.137	2.114	9.7	20.8
8 29	20 24.12	−19 18.8	1.177	2.102	14.8	21.1
9 8	20 19.93	−19 40.6	1.236	2.090	19.1	21.3

212618 2006 SK_{407} 8 1.8 17°.43 3°.1/30.9 18

6 30	21 13.26	−24 58.3	1.901	2.791	12.3	20.8
7 10	21 7.67	−25 30.2	1.838	2.792	9.0	20.6
7 20	21 0.06	−26 2.1	1.799	2.793	5.5	20.3
7 30	20 51.18	−26 29.0	1.786	2.794	3.1	20.2
8 9	20 42.04	−26 46.6	1.799	2.795	4.9	20.3
8 19	20 33.66	−26 52.3	1.839	2.796	8.3	20.5
8 29	20 26.99	−26 45.5	1.903	2.798	11.6	20.7
9 8	20 22.64	−26 27.1	1.988	2.800	14.5	20.9

328890 2010 RL_{46} 8 1.8 273°.73 1°.1/ 1.3 18

6 30	21 15.87	−19 5.7	1.470	2.360	15.1	21.2
7 10	21 10.25	−19 24.1	1.390	2.344	11.1	21.0
7 20	21 1.91	−19 49.1	1.331	2.328	6.5	20.6
7 30	20 51.65	−20 15.9	1.297	2.311	1.6	20.3
8 9	20 40.72	−20 39.0	1.289	2.294	4.3	20.4
8 19	20 30.53	−20 54.2	1.305	2.277	9.4	20.7
8 29	20 22.42	−20 58.9	1.345	2.260	14.1	20.9
9 8	20 17.29	−20 52.8	1.404	2.243	18.1	21.1

136959 1998 RJ_{15} 8 1.8 27°.14 1°.4/ 2.6 18

6 30	21 11.31	−12 53.6	1.203	2.100	17.4	19.1
7 10	21 6.90	−13 11.2	1.152	2.106	12.9	18.9
7 20	20 59.86	−13 43.7	1.119	2.114	7.7	18.6
7 30	20 51.16	−14 26.7	1.109	2.122	2.5	18.3
8 9	20 42.14	−15 13.8	1.123	2.131	3.9	18.5
8 19	20 34.19	−15 58.7	1.160	2.141	9.1	18.8
8 29	20 28.50	−16 36.4	1.220	2.151	13.8	19.1
9 8	20 25.80	−17 3.8	1.298	2.162	17.8	19.4

70789 1999 VF_{49} 8 1.8 237°.53 7°.6/ 6.6 18

6 30	21 11.35	+ 3 11.7	2.010	2.813	15.1	19.1
7 10	21 6.19	+ 3 50.2	1.929	2.807	12.6	18.9
7 20	20 59.22	+ 4 9.8	1.868	2.801	10.1	18.7
7 30	20 51.02	+ 4 8.8	1.831	2.795	8.1	18.6
8 9	20 42.43	+ 3 47.7	1.819	2.788	7.6	18.6
8 19	20 34.33	+ 3 9.0	1.833	2.781	9.0	18.6
8 29	20 27.59	+ 2 17.5	1.871	2.775	11.4	18.8
9 8	20 22.85	+ 1 19.0	1.931	2.768	14.0	18.9

501364 2013 YO_{40} 8 1.8 261°.75 0°.8/ 2.1 18

6 30	21 18.12	−16 55.4	1.850	2.722	13.4	20.8
7 10	21 11.32	−16 30.1	1.764	2.707	9.9	20.5
7 20	21 2.28	−16 8.5	1.701	2.693	5.9	20.3
7 30	20 51.72	−15 49.0	1.665	2.678	1.6	20.0
8 9	20 40.70	−15 29.5	1.656	2.663	3.2	20.0
8 19	20 30.35	−15 8.8	1.675	2.648	7.6	20.3
8 29	20 21.72	−14 46.1	1.720	2.632	11.7	20.5
9 8	20 15.57	−14 21.0	1.787	2.616	15.2	20.7

416623 2004 RK_{185} 8 1.8 328°.26 3°.8/ 3.3 17

6 30	21 10.75	−10 56.9	1.048	1.948	19.0	20.7
7 10	21 7.09	−10 31.0	0.978	1.932	14.6	20.4
7 20	21 0.34	−10 21.4	0.926	1.918	9.5	20.1
7 30	20 51.35	−10 27.6	0.894	1.904	4.6	19.8
8 9	20 41.59	−10 46.2	0.884	1.891	5.3	19.8
8 19	20 32.72	−11 12.2	0.896	1.880	10.5	20.0
8 29	20 26.32	−11 39.9	0.928	1.869	16.0	20.3
9 8	20 23.41	−12 3.9	0.976	1.860	20.7	20.5

275350 2011 AY 8 1.8 160°.64 0°.2/ 1.9 17

6 30	21 15.16	−15 40.5	1.873	2.746	13.2	21.2
7 10	21 9.00	−16 0.8	1.806	2.751	9.6	21.0
7 20	21 0.82	−16 28.8	1.763	2.756	5.6	20.8
7 30	20 51.38	−17 0.7	1.746	2.760	1.3	20.5
8 9	20 41.65	−17 32.5	1.757	2.764	3.1	20.6
8 19	20 32.65	−18 0.4	1.795	2.767	7.3	20.9
8 29	20 25.31	−18 21.9	1.859	2.770	11.0	21.1
9 8	20 20.27	−18 35.5	1.944	2.772	14.2	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
103295 2000 AA_{46}			8 1.8 167°35	1°6/ 2.8 18		
	h m	° ′			°	m
6 30	21 15.60	−12 11.7	1.997	2.858	13.0	20.2
7 10	21 9.19	−12 18.7	1.927	2.863	9.7	20.0
7 20	21 0.89	−12 35.2	1.880	2.867	6.0	19.8
7 30	20 51.39	−12 58.7	1.860	2.871	2.3	19.6
8 9	20 41.61	−13 25.8	1.868	2.874	3.1	19.7
8 19	20 32.50	−13 53.2	1.904	2.876	6.8	19.9
8 29	20 24.94	−14 18.1	1.966	2.878	10.4	20.1
9 8	20 19.55	−14 38.1	2.050	2.879	13.5	20.3
2306 Bauschinger			8 1.8 334°94	2°6/ 3.4 18		R
6 30	21 10.89	−10 9.2	1.718	2.588	14.3	16.2
7 10	21 6.07	−10 8.6	1.646	2.584	10.9	16.0
7 20	20 59.23	−10 20.7	1.595	2.581	7.0	15.8
7 30	20 51.04	−10 43.6	1.569	2.578	3.3	15.6
8 9	20 42.48	−11 14.0	1.569	2.574	3.7	15.6
8 19	20 34.58	−11 47.9	1.595	2.572	7.5	15.8
8 29	20 28.29	−12 21.2	1.645	2.569	11.4	16.0
9 8	20 24.31	−12 50.6	1.717	2.567	14.8	16.2
58256 1993 RL_{7}			8 1.8 29°50	0°3/ 2.0 18		
6 30	21 9.67	−15 20.5	1.763	2.648	13.3	18.6
7 10	21 5.04	−15 42.1	1.707	2.658	9.7	18.4
7 20	20 58.53	−16 12.1	1.674	2.668	5.7	18.2
7 30	20 50.86	−16 46.8	1.665	2.679	1.4	17.9
8 9	20 43.00	−17 21.9	1.683	2.691	3.0	18.1
8 19	20 35.88	−17 53.5	1.727	2.703	7.2	18.4
8 29	20 30.38	−18 18.6	1.796	2.715	10.9	18.6
9 8	20 27.06	−18 35.4	1.886	2.728	14.0	18.9
480214 2015 GP_{23}			8 1.8 5°58	0°4/ 1.5 16		
6 30	21 5.83	−13 8.2	1.271	2.173	16.3	20.4
7 10	21 2.95	−14 35.9	1.213	2.173	11.9	20.1
7 20	20 57.64	−16 22.3	1.176	2.174	6.8	19.8
7 30	20 50.71	−18 19.0	1.162	2.177	1.4	19.5
8 9	20 43.33	−20 15.2	1.173	2.180	4.2	19.7
8 19	20 36.78	−22 0.7	1.209	2.186	9.3	20.0
8 29	20 32.22	−23 27.7	1.267	2.192	14.0	20.3
9 8	20 30.44	−24 32.9	1.344	2.199	17.8	20.6
513692 2012 BF_{100}			8 1.8 347°80	1°8/31.7 18		
6 30	21 12.62	−22 52.5	2.226	3.108	11.0	20.8
7 10	21 6.94	−23 4.5	2.157	3.108	8.0	20.6
7 20	20 59.55	−23 17.3	2.112	3.107	4.7	20.4
7 30	20 51.10	−23 27.5	2.094	3.106	1.9	20.2
8 9	20 42.42	−23 32.1	2.104	3.105	3.6	20.3
8 19	20 34.38	−23 29.1	2.142	3.105	6.9	20.5
8 29	20 27.77	−23 18.0	2.205	3.105	10.1	20.7
9 8	20 23.15	−22 59.1	2.290	3.104	12.8	20.9
54789 2001 MZ_{7}			8 1.8 144°18	0°0/ 1.8 18		R
6 30	21 22.60	− 9 0.2	1.314	2.178	18.3	18.2
7 10	21 15.16	−11 13.9	1.256	2.196	13.4	18.0
7 20	21 4.74	−13 52.3	1.221	2.212	7.8	17.7
7 30	20 52.31	−16 43.7	1.213	2.227	1.8	17.4
8 9	20 39.34	−19 32.7	1.234	2.240	4.3	17.6
8 19	20 27.43	−22 5.2	1.283	2.251	9.9	17.9
8 29	20 18.00	−24 12.2	1.358	2.261	14.8	18.3
9 8	20 11.93	−25 51.0	1.453	2.269	18.7	18.5
125756 2001 XU_{128}			8 1.8 88°97	0°9/ 2.3 17		
6 30	21 15.13	−13 31.9	1.322	2.209	16.7	19.7
7 10	21 9.51	−13 57.3	1.269	2.219	12.3	19.5
7 20	21 1.33	−14 35.9	1.236	2.230	7.3	19.2
7 30	20 51.51	−15 22.8	1.226	2.240	2.1	18.9
8 9	20 41.41	−16 11.8	1.242	2.250	3.8	19.1
8 19	20 32.36	−16 56.9	1.283	2.260	8.8	19.4
8 29	20 25.55	−17 33.7	1.346	2.270	13.4	19.7
9 8	20 21.69	−17 59.8	1.430	2.280	17.2	20.0
454890 2015 TL_{80}			8 1.8 283°11	4°2/29.4 18		
6 30	21 11.30	−30 20.0	2.524	3.406	9.9	21.1
7 10	21 5.99	−31 3.3	2.454	3.399	7.4	20.9
7 20	20 59.02	−31 43.6	2.409	3.391	5.2	20.8
7 30	20 50.99	−32 16.3	2.390	3.384	4.2	20.7
8 9	20 42.69	−32 37.7	2.400	3.377	5.4	20.8
8 19	20 34.93	−32 45.6	2.436	3.369	7.8	20.9
8 29	20 28.47	−32 39.8	2.496	3.362	10.3	21.1
9 8	20 23.89	−32 21.3	2.579	3.355	12.5	21.2
187140 2005 QV_{145}			8 1.8 338°19	4°3/30.2 18		
6 30	21 10.81	−23 12.7	1.287	2.196	15.5	19.6
7 10	21 6.80	−24 28.8	1.225	2.188	11.4	19.3
7 20	21 0.00	−25 51.1	1.184	2.181	7.0	19.1
7 30	20 51.27	−27 10.1	1.166	2.174	4.3	18.9
8 9	20 41.96	−28 16.4	1.173	2.169	6.8	19.0
8 19	20 33.56	−29 3.2	1.202	2.163	11.3	19.3
8 29	20 27.43	−29 27.6	1.253	2.159	15.6	19.5
9 8	20 24.45	−29 30.7	1.322	2.155	19.3	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
14231 1999 XD_{102}			8 1.8 299°76	2°4/30.9 18		
	h m	° ′			°	m
6 30	21 9.73	−22 40.2	2.263	3.149	10.7	18.5
7 10	21 4.94	−23 30.6	2.192	3.145	7.8	18.3
7 20	20 58.46	−24 23.8	2.146	3.140	4.6	18.1
7 30	20 50.88	−25 15.0	2.126	3.135	2.4	18.0
8 9	20 42.99	−25 59.8	2.134	3.131	4.1	18.1
8 19	20 35.62	−26 34.7	2.170	3.127	7.2	18.3
8 29	20 29.55	−26 57.8	2.230	3.122	10.3	18.5
9 8	20 25.39	−27 8.7	2.313	3.118	12.9	18.7
125535 2001 WK_{86}			8 1.8 45°19	5°6/29.2 18		
6 30	21 13.13	−26 52.1	1.420	2.324	14.7	19.1
7 10	21 8.18	−28 24.5	1.375	2.333	10.9	18.9
7 20	21 0.61	−29 56.6	1.351	2.343	7.2	18.7
7 30	20 51.38	−31 18.6	1.353	2.353	5.6	18.7
8 9	20 41.82	−32 21.9	1.379	2.363	7.7	18.8
8 19	20 33.30	−33 1.8	1.429	2.374	11.3	19.1
8 29	20 27.04	−33 17.7	1.501	2.385	14.8	19.3
9 8	20 23.74	−33 12.3	1.591	2.396	17.8	19.5
295390 2008 JG_{6}			8 1.8 245°62	3°2/ 4.6 18		
6 30	21 8.28	− 5 8.6	2.360	3.200	12.0	21.0
7 10	21 3.76	− 5 34.2	2.276	3.194	9.3	20.8
7 20	20 57.74	− 6 14.0	2.215	3.187	6.4	20.6
7 30	20 50.73	− 7 6.4	2.179	3.180	3.8	20.5
8 9	20 43.39	− 8 8.0	2.172	3.173	3.5	20.4
8 19	20 36.46	− 9 14.7	2.193	3.166	6.1	20.6
8 29	20 30.64	−10 22.0	2.240	3.158	9.1	20.8
9 8	20 26.47	−11 25.8	2.312	3.151	11.9	20.9
433461 2013 VR_{2}			8 1.8 265°59	3°4/ 3.6 17		
6 30	21 13.86	− 9 2.2	1.694	2.557	14.9	21.4
7 10	21 8.44	− 8 51.0	1.607	2.540	11.5	21.2
7 20	21 0.74	− 8 52.9	1.542	2.524	7.6	20.9
7 30	20 51.44	− 9 7.1	1.501	2.507	4.0	20.6
8 9	20 41.55	− 9 30.9	1.486	2.489	4.3	20.6
8 19	20 32.19	−10 0.7	1.497	2.471	8.1	20.8
8 29	20 24.49	−10 32.4	1.532	2.454	12.3	21.0
9 8	20 19.26	−11 2.0	1.589	2.435	16.0	21.2
154201 2002 GQ_{173}			8 1.8 164°33	4°0/29.4 18		
6 30	21 11.60	−28 39.7	2.459	3.342	10.1	20.4
7 10	21 6.20	−29 38.5	2.397	3.344	7.5	20.3
7 20	20 59.15	−30 35.5	2.360	3.346	5.1	20.1
7 30	20 51.04	−31 25.6	2.351	3.347	4.0	20.0
8 9	20 42.66	−32 4.5	2.370	3.349	5.3	20.1
8 19	20 34.84	−32 29.6	2.415	3.350	7.8	20.3
8 29	20 28.36	−32 40.1	2.486	3.351	10.3	20.5
9 8	20 23.77	−32 37.0	2.578	3.352	12.6	20.6
295787 2008 UT_{229}			8 1.8 119°12	7°1/ 6.2 18		
6 30	21 13.22	+ 1 43.5	2.009	2.816	14.9	20.4
7 10	21 7.43	+ 2 30.6	1.941	2.824	12.4	20.2
7 20	20 59.88	+ 2 59.9	1.895	2.832	9.7	20.1
7 30	20 51.21	+ 3 10.0	1.873	2.840	7.7	20.0
8 9	20 42.28	+ 3 1.5	1.876	2.847	7.2	20.0
8 19	20 33.96	+ 2 36.9	1.906	2.855	8.6	20.1
8 29	20 27.08	+ 2 0.5	1.960	2.862	11.0	20.2
9 8	20 22.24	+ 1 17.3	2.036	2.869	13.5	20.4
140661 2001 UY_{42}			8 1.8 207°16	1°3/31.9 18		
6 30	21 11.64	−19 48.8	2.090	2.973	11.6	20.1
7 10	21 6.37	−20 20.1	2.021	2.972	8.4	19.9
7 20	20 59.30	−20 55.6	1.976	2.971	4.8	19.7
7 30	20 51.08	−21 31.4	1.957	2.970	1.5	19.4
8 9	20 42.58	−22 3.2	1.966	2.969	3.4	19.6
8 19	20 34.68	−22 28.0	2.002	2.969	7.1	19.8
8 29	20 28.23	−22 43.6	2.064	2.968	10.4	20.0
9 8	20 23.82	−22 49.6	2.147	2.966	13.3	20.2
333475 2004 RW_{322}			8 1.8 350°75	16°4/11.1 18		
6 30	20 55.99	+ 8 23.7	0.892	1.755	24.8	18.9
7 10	20 56.35	+10 9.5	0.829	1.734	22.4	18.7
7 20	20 54.12	+11 18.4	0.780	1.716	19.8	18.4
7 30	20 50.00	+11 39.8	0.745	1.701	17.5	18.2
8 9	20 45.24	+11 9.1	0.726	1.689	16.4	18.1
8 19	20 41.26	+ 9 48.7	0.722	1.681	16.9	18.1
8 29	20 39.53	+ 7 49.3	0.735	1.676	18.9	18.2
9 8	20 41.06	+ 5 27.9	0.762	1.675	21.7	18.4
397720 2008 DG_{54}			8 1.8 131°00	0°0/ 1.6 16		
6 30	21 10.28	−14 15.5	2.550	3.415	10.4	22.1
7 10	21 5.05	−15 13.5	2.486	3.427	7.6	21.9
7 20	20 58.41	−16 19.1	2.447	3.439	4.4	21.7
7 30	20 50.88	−17 28.5	2.437	3.451	1.0	21.5
8 9	20 43.14	−18 37.2	2.456	3.462	2.4	21.6
8 19	20 35.87	−19 41.3	2.504	3.473	5.7	21.9
8 29	20 29.74	−20 37.6	2.580	3.483	8.6	22.1
9 8	20 25.24	−21 24.3	2.680	3.493	11.1	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
316215 2010 NV_{13}			8 1.8 271.°70		1.°8/31.6 18	
	h m	° ′			°	m
6 30	21 11.42	−21 44.0	2.208	3.091	11.1	21.1
7 10	21 6.18	−22 13.2	2.133	3.084	8.0	20.9
7 20	20 59.20	−22 45.1	2.082	3.077	4.7	20.6
7 30	20 51.07	−23 15.7	2.059	3.070	1.9	20.4
8 9	20 42.64	−23 41.1	2.063	3.064	3.7	20.5
8 19	20 34.76	−23 58.6	2.094	3.057	7.1	20.8
8 29	20 28.25	−24 6.5	2.151	3.050	10.3	20.9
9 8	20 23.71	−24 4.6	2.230	3.043	13.1	21.1
84790 2002 XS_{83}			8 1.8 208.°75		2.°3/30.8 18	
6 30	21 11.14	−20 58.1	2.209	3.091	11.1	19.6
7 10	21 6.04	−22 12.6	2.137	3.088	8.0	19.4
7 20	20 59.16	−23 32.3	2.090	3.085	4.7	19.2
7 30	20 51.07	−24 51.5	2.071	3.081	2.3	19.0
8 9	20 42.61	−26 4.2	2.080	3.077	4.2	19.1
8 19	20 34.64	−27 6.0	2.118	3.073	7.5	19.3
8 29	20 28.00	−27 53.7	2.181	3.068	10.7	19.5
9 8	20 23.34	−28 26.8	2.266	3.064	13.4	19.7
339424 2005 EM_{60}			8 1.8 117.°65		3.°4/ 4.6 18	
6 30	21 11.38	− 5 9.2	2.254	3.090	12.6	21.5
7 10	21 5.90	− 5 25.6	2.192	3.107	9.7	21.3
7 20	20 58.90	− 5 55.7	2.152	3.123	6.6	21.1
7 30	20 50.99	− 6 37.6	2.140	3.139	4.0	21.0
8 9	20 42.91	− 7 28.0	2.155	3.154	3.7	21.0
8 19	20 35.41	− 8 23.0	2.198	3.169	6.2	21.2
8 29	20 29.18	− 9 18.5	2.268	3.184	9.1	21.4
9 8	20 24.74	−10 10.6	2.362	3.198	11.8	21.6
389159 2009 BH_{52}			8 1.8 61.°55		0.°5/ 1.5 18	
6 30	21 10.99	−16 37.4	1.870	2.752	12.8	21.1
7 10	21 6.05	−17 20.1	1.803	2.754	9.3	20.9
7 20	20 59.19	−18 10.9	1.760	2.755	5.3	20.7
7 30	20 51.08	−19 5.3	1.743	2.757	1.2	20.4
8 9	20 42.66	−19 57.9	1.753	2.759	3.3	20.5
8 19	20 34.87	−20 44.3	1.789	2.760	7.4	20.8
8 29	20 28.64	−21 21.2	1.851	2.762	11.1	21.0
9 8	20 24.60	−21 46.9	1.934	2.764	14.2	21.2
420440 2012 DY_{36}			8 1.8 146.°04		1.°2/ 1.3 17	
6 30	21 17.21	−19 40.1	1.485	2.374	15.1	21.3
7 10	21 10.96	−19 56.6	1.423	2.377	11.0	21.0
7 20	21 2.17	−20 18.1	1.383	2.379	6.3	20.8
7 30	20 51.76	−20 39.8	1.368	2.382	1.7	20.5
8 9	20 41.02	−20 56.7	1.379	2.384	4.1	20.7
8 19	20 31.26	−21 5.3	1.415	2.386	8.9	20.9
8 29	20 23.67	−21 4.2	1.475	2.388	13.2	21.2
9 8	20 18.97	−20 53.5	1.555	2.390	16.8	21.4
237151 2008 UE_{91}			8 1.8 164.°88		2.°5/31.2 17	
6 30	21 14.17	−22 55.2	2.010	2.894	12.0	21.6
7 10	21 8.28	−23 36.1	1.946	2.897	8.7	21.4
7 20	21 0.44	−24 19.0	1.906	2.900	5.1	21.2
7 30	20 51.36	−24 58.9	1.892	2.902	2.5	21.1
8 9	20 42.01	−25 31.1	1.906	2.904	4.3	21.2
8 19	20 33.35	−25 52.5	1.947	2.906	7.8	21.4
8 29	20 26.29	−26 1.7	2.013	2.907	11.1	21.6
9 8	20 21.47	−25 59.2	2.101	2.908	14.0	21.8
479932 2014 HO_{130}			8 1.8 347.°24		6.°8/27.9 18	
6 30	21 14.79	−34 31.7	1.923	2.808	12.3	20.5
7 10	21 9.04	−35 41.4	1.867	2.807	9.7	20.3
7 20	21 1.00	−36 44.2	1.835	2.807	7.5	20.2
7 30	20 51.50	−37 32.7	1.828	2.807	6.9	20.2
8 9	20 41.66	−38 1.4	1.847	2.806	8.3	20.2
8 19	20 32.67	−38 8.1	1.890	2.806	10.7	20.4
8 29	20 25.57	−37 53.4	1.956	2.806	13.4	20.6
9 8	20 21.08	−37 20.7	2.041	2.805	15.8	20.7
445261 2009 RL_{63}			8 1.8 0.°32		11.°3/ 9.1 16	
6 30	21 4.47	+ 7 19.0	1.431	2.248	19.4	19.3
7 10	21 1.71	+ 8 23.9	1.367	2.244	16.9	19.1
7 20	20 56.85	+ 9 0.8	1.320	2.242	14.3	19.0
7 30	20 50.59	+ 9 5.5	1.292	2.241	12.2	18.8
8 9	20 43.93	+ 8 37.8	1.286	2.242	11.3	18.8
8 19	20 37.95	+ 7 41.5	1.300	2.245	12.1	18.9
8 29	20 33.66	+ 6 23.8	1.335	2.250	14.2	19.0
9 8	20 31.77	+ 4 54.4	1.390	2.256	16.7	19.2
282243 2002 ES_{79}			8 1.8 129.°65		3.°8/ 4.6 18	
6 30	21 12.36	− 5 10.0	2.029	2.870	13.6	21.6
7 10	21 6.79	− 5 17.3	1.964	2.882	10.6	21.4
7 20	20 59.50	− 5 39.4	1.922	2.893	7.3	21.3
7 30	20 51.15	− 6 14.8	1.904	2.903	4.4	21.1
8 9	20 42.58	− 7 0.2	1.915	2.914	4.2	21.1
8 19	20 34.63	− 7 51.5	1.952	2.924	6.8	21.3
8 29	20 28.10	− 8 44.3	2.016	2.933	10.0	21.5
9 8	20 23.56	− 9 34.3	2.103	2.942	12.9	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
121657 1999 XL_{6}			8 1.8 275.°57		1.°0/ 1.1 18	
	h m	° ′			°	m
6 30	21 10.90	−19 32.3	2.367	3.245	10.6	20.2
7 10	21 5.78	−19 57.7	2.278	3.226	7.7	20.0
7 20	20 58.99	−20 27.3	2.213	3.208	4.5	19.7
7 30	20 51.06	−20 57.7	2.176	3.189	1.3	19.5
8 9	20 42.75	−21 25.5	2.167	3.171	3.1	19.6
8 19	20 34.85	−21 47.6	2.185	3.152	6.6	19.8
8 29	20 28.16	−22 2.1	2.230	3.133	9.8	20.0
9 8	20 23.31	−22 8.1	2.297	3.114	12.7	20.1
352905 2008 YF_{106}			8 1.8 13.°30		2.°0/31.4 18	
6 30	21 9.71	−18 40.3	1.614	2.509	13.8	20.0
7 10	21 5.43	−19 53.0	1.553	2.511	9.9	19.8
7 20	20 58.96	−21 14.3	1.515	2.513	5.7	19.6
7 30	20 51.07	−22 37.3	1.503	2.516	2.1	19.3
8 9	20 42.79	−23 54.4	1.516	2.519	4.5	19.5
8 19	20 35.25	−24 59.3	1.556	2.522	8.7	19.8
8 29	20 29.47	−25 48.3	1.619	2.526	12.6	20.0
9 8	20 26.15	−26 20.3	1.702	2.530	15.9	20.2
346989 2010 CU_{129}			8 1.8 156.°10		5.°6/28.5 17	
6 30	21 14.20	−30 56.2	2.006	2.893	11.8	20.9
7 10	21 8.49	−32 12.4	1.950	2.896	9.0	20.8
7 20	21 0.65	−33 25.1	1.917	2.898	6.5	20.6
7 30	20 51.44	−34 27.0	1.911	2.900	5.6	20.6
8 9	20 41.89	−35 12.5	1.932	2.902	7.1	20.7
8 19	20 33.07	−35 38.4	1.978	2.904	9.8	20.8
8 29	20 25.99	−35 44.4	2.048	2.905	12.5	21.0
9 8	20 21.30	−35 32.9	2.137	2.907	15.0	21.2
436588 2011 JP_{10}			8 1.8 200.°79		11.°9/12.7 18	
6 30	21 10.93	+18 55.7	2.179	2.869	17.2	20.9
7 10	21 5.90	+19 37.2	2.099	2.866	15.6	20.8
7 20	20 59.10	+19 51.8	2.036	2.863	14.1	20.6
7 30	20 51.11	+19 35.7	1.992	2.859	12.7	20.5
8 9	20 42.73	+18 48.3	1.969	2.855	11.9	20.5
8 19	20 34.81	+17 32.0	1.969	2.851	12.1	20.5
8 29	20 28.20	+15 52.3	1.992	2.846	13.0	20.5
9 8	20 23.54	+13 57.3	2.037	2.841	14.5	20.6
239056 2006 EA_{60}			8 1.8 147.°09		0.°0/ 1.6 18	
6 30	21 13.67	−16 28.2	1.908	2.785	12.8	21.0
7 10	21 7.93	−16 47.0	1.842	2.789	9.4	20.8
7 20	21 0.25	−17 12.6	1.799	2.793	5.4	20.5
7 30	20 51.36	−17 41.5	1.782	2.796	1.2	20.3
8 9	20 42.20	−18 9.7	1.793	2.800	3.0	20.4
8 19	20 33.73	−18 33.8	1.831	2.803	7.1	20.7
8 29	20 26.87	−18 51.3	1.894	2.806	10.8	20.9
9 8	20 22.22	−19 1.2	1.980	2.809	13.9	21.1
66180 1998 WD_{14}			8 1.8 236.°40		1.°6/ 2.9 18	
6 30	21 11.66	−12 1.1	2.049	2.915	12.5	19.8
7 10	21 6.43	−12 10.7	1.971	2.909	9.4	19.6
7 20	20 59.39	−12 30.0	1.915	2.903	5.8	19.4
7 30	20 51.18	−12 56.8	1.886	2.897	2.3	19.1
8 9	20 42.62	−13 27.9	1.885	2.891	3.0	19.2
8 19	20 34.59	−13 59.8	1.910	2.885	6.7	19.4
8 29	20 27.95	−14 29.3	1.962	2.879	10.2	19.6
9 8	20 23.32	−14 53.9	2.036	2.872	13.3	19.8
134552 1999 RD_{165}			8 1.8 262.°23		0.°2/ 1.7 18	
6 30	21 16.61	−17 19.8	1.717	2.595	13.9	20.0
7 10	21 10.59	−17 34.2	1.625	2.573	10.3	19.8
7 20	21 2.11	−17 55.8	1.557	2.551	6.0	19.5
7 30	20 51.85	−18 20.9	1.513	2.528	1.4	19.1
8 9	20 40.89	−18 44.8	1.497	2.504	3.6	19.2
8 19	20 30.47	−19 3.8	1.508	2.479	8.4	19.4
8 29	20 21.79	−19 15.1	1.543	2.454	12.8	19.6
9 8	20 15.76	−19 17.6	1.599	2.429	16.7	19.8
442560 2012 AR_{14}			8 1.9 218.°78		4.°0/ 4.7 18	
6 30	21 11.14	− 4 30.1	2.607	3.433	11.4	21.3
7 10	21 5.70	− 4 6.2	2.521	3.427	9.0	21.1
7 20	20 58.84	− 3 53.0	2.460	3.421	6.5	20.9
7 30	20 51.05	− 3 50.7	2.424	3.415	4.4	20.8
8 9	20 42.99	− 3 57.9	2.417	3.408	4.2	20.8
8 19	20 35.33	− 4 13.1	2.438	3.401	6.2	20.9
8 29	20 28.73	− 4 33.6	2.486	3.394	8.7	21.0
9 8	20 23.70	− 4 56.4	2.557	3.387	11.2	21.2
467393 2005 CA_{41}			8 1.9 109.°98		2.°1/31.7 17	
6 30	21 17.79	−20 54.2	1.552	2.440	14.6	21.8
7 10	21 11.20	−21 35.4	1.503	2.456	10.6	21.6
7 20	21 2.23	−22 20.5	1.476	2.471	6.1	21.4
7 30	20 51.81	−23 3.4	1.474	2.486	2.3	21.2
8 9	20 41.22	−23 38.3	1.499	2.501	4.6	21.4
8 19	20 31.68	−24 1.3	1.550	2.515	8.8	21.7
8 29	20 24.29	−24 11.1	1.625	2.529	12.7	21.9
9 8	20 19.66	−24 8.5	1.720	2.542	16.0	22.2

370685 2004 FJ_7 8 1.9 246°.21 2°.5/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.34	− 9 13.8	1.652	2.519	15.0	21.5
7 10	21 7.34	− 9 36.5	1.574	2.511	11.4	21.3
7 20	21 0.12	−10 15.0	1.517	2.503	7.3	21.0
7 30	20 51.38	−11 6.7	1.485	2.495	3.3	20.8
8 9	20 42.14	−12 6.6	1.480	2.486	3.7	20.8
8 19	20 33.50	−13 9.0	1.500	2.477	7.9	21.0
8 29	20 26.54	−14 8.3	1.545	2.468	12.1	21.2
9 8	20 22.03	−15 0.2	1.611	2.459	15.7	21.4

521476 2015 OZ_{92} 8 1.9 80°.33 1°.8/31.2 18

6 30	21 9.86	−19 10.8	2.204	3.086	11.1	20.8
7 10	21 5.03	−20 27.3	2.145	3.096	8.0	20.6
7 20	20 58.53	−21 49.4	2.111	3.107	4.6	20.4
7 30	20 50.99	−23 11.5	2.105	3.117	1.8	20.2
8 9	20 43.19	−24 28.0	2.127	3.127	3.7	20.4
8 19	20 35.94	−25 34.2	2.178	3.138	7.0	20.6
8 29	20 30.01	−26 27.2	2.254	3.148	10.1	20.8
9 8	20 25.98	−27 6.0	2.353	3.158	12.7	21.0

254236 2004 RM_{126} 8 1.9 36°.52 0°.1/ 1.8 18

6 30	21 11.19	−17 5.8	1.792	2.677	13.1	20.4
7 10	21 6.14	−17 20.3	1.737	2.689	9.5	20.2
7 20	20 59.20	−17 41.2	1.706	2.701	5.5	20.0
7 30	20 51.13	−18 4.8	1.700	2.714	1.2	19.7
8 9	20 42.89	−18 27.4	1.720	2.727	3.1	19.9
8 19	20 35.45	−18 45.7	1.767	2.741	7.2	20.2
8 29	20 29.64	−18 57.6	1.838	2.755	10.8	20.4
9 8	20 26.04	−19 2.0	1.931	2.769	13.9	20.6

20953 1068 T-3 8 1.9 182°.24 6°.8/27.1 18

6 30	21 18.78	−42 34.9	2.864	3.712	9.9	19.2
7 10	21 11.35	−43 18.6	2.808	3.713	8.2	19.1
7 20	21 2.11	−43 51.7	2.777	3.713	7.1	19.0
7 30	20 51.78	−44 9.2	2.772	3.712	6.8	19.0
8 9	20 41.28	−44 8.2	2.794	3.712	7.7	19.0
8 19	20 31.56	−43 48.0	2.841	3.711	9.2	19.1
8 29	20 23.42	−43 10.3	2.913	3.709	10.8	19.2
9 8	20 17.44	−42 18.3	3.005	3.707	12.4	19.4

2499 Brunk 8 1.9 50°.40 0°.4/ 2.1 18

6 30	21 10.54	−15 13.2	1.963	2.841	12.5	16.9
7 10	21 5.55	−15 33.9	1.905	2.852	9.1	16.7
7 20	20 58.83	−16 2.3	1.870	2.863	5.3	16.5
7 30	20 51.05	−16 34.9	1.861	2.875	1.3	16.2
8 9	20 43.08	−17 7.9	1.879	2.887	2.8	16.4
8 19	20 35.80	−17 37.9	1.924	2.899	6.7	16.6
8 29	20 29.99	−18 2.1	1.995	2.911	10.1	16.9
9 8	20 26.22	−18 18.9	2.088	2.923	13.1	17.1

237343 2009 YJ_{15} 8 1.9 241°.15 4°.0/ 5.3 18

6 30	21 9.96	− 1 57.2	1.832	2.669	15.0	20.1
7 10	21 5.40	− 2 55.9	1.752	2.666	11.8	19.9
7 20	20 58.91	− 4 17.7	1.693	2.663	8.2	19.6
7 30	20 51.11	− 5 59.7	1.660	2.660	4.9	19.4
8 9	20 42.88	− 7 55.8	1.655	2.656	4.3	19.4
8 19	20 35.16	− 9 57.9	1.677	2.653	7.3	19.6
8 29	20 28.89	−11 57.6	1.726	2.650	11.0	19.8
9 8	20 24.75	−13 47.9	1.799	2.646	14.4	20.0

429728 2011 KD_{28} 8 1.9 87°.92 3°.0/30.6 18

6 30	21 12.09	−21 22.3	1.709	2.602	13.3	20.4
7 10	21 7.13	−22 45.1	1.648	2.604	9.6	20.2
7 20	20 59.97	−24 13.8	1.610	2.606	5.7	20.0
7 30	20 51.35	−25 41.0	1.599	2.608	3.0	19.8
8 9	20 42.31	−26 58.7	1.614	2.610	5.2	20.0
8 19	20 33.99	−28 1.4	1.655	2.612	9.1	20.2
8 29	20 27.44	−28 45.8	1.721	2.615	12.7	20.4
9 8	20 23.37	−29 12.0	1.807	2.617	15.8	20.6

281630 2008 UM_{297} 8 1.9 351°.26 0°.5/ 1.6 17

6 30	21 13.07	−18 31.9	1.462	2.356	15.0	20.1
7 10	21 8.03	−18 37.5	1.397	2.353	10.9	19.9
7 20	21 0.55	−18 49.1	1.353	2.350	6.3	19.6
7 30	20 51.48	−19 2.9	1.333	2.347	1.4	19.3
8 9	20 42.03	−19 14.5	1.338	2.345	3.8	19.4
8 19	20 33.46	−19 20.4	1.369	2.344	8.6	19.7
8 29	20 26.92	−19 18.9	1.422	2.343	13.0	20.0
9 8	20 23.14	−19 9.1	1.495	2.343	16.7	20.2

106034 2000 SK_{303} 8 1.9 4°.07 2°.9/ 3.6 18

6 30	21 9.52	− 9 32.2	1.744	2.614	14.2	19.2
7 10	21 5.06	− 9 28.9	1.676	2.614	10.8	19.0
7 20	20 58.67	− 9 38.5	1.630	2.614	7.0	18.8
7 30	20 51.04	− 9 59.3	1.608	2.615	3.5	18.6
8 9	20 43.11	−10 28.1	1.612	2.617	3.7	18.6
8 19	20 35.83	−11 1.2	1.641	2.619	7.3	18.8
8 29	20 30.11	−11 34.4	1.695	2.621	11.0	19.0
9 8	20 26.58	−12 4.2	1.771	2.624	14.3	19.2

324178 2006 AD_{26} 8 1.9 290°.85 0°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.88	−16 30.7	2.188	3.064	11.5	21.3
7 10	21 5.85	−16 41.0	2.103	3.049	8.4	21.1
7 20	20 59.08	−16 57.3	2.040	3.034	4.9	20.9
7 30	20 51.14	−17 16.9	2.005	3.019	1.2	20.6
8 9	20 42.83	−17 36.7	1.997	3.004	2.8	20.7
8 19	20 34.98	−17 53.9	2.016	2.989	6.5	20.9
8 29	20 28.43	−18 6.3	2.061	2.974	10.0	21.1
9 8	20 23.80	−18 12.4	2.129	2.959	13.1	21.3

148394 2000 UU_{23} 8 1.9 225°.93 4°.3/28.9 18

6 30	21 12.67	−30 37.4	2.690	3.568	9.5	20.4
7 10	21 7.01	−31 36.3	2.616	3.558	7.2	20.3
7 20	20 59.70	−32 32.8	2.568	3.548	5.1	20.1
7 30	20 51.28	−33 21.8	2.547	3.537	4.3	20.1
8 9	20 42.52	−33 59.2	2.555	3.526	5.5	20.1
8 19	20 34.22	−34 22.5	2.590	3.515	7.8	20.3
8 29	20 27.14	−34 30.9	2.650	3.503	10.2	20.4
9 8	20 21.89	−34 25.5	2.731	3.490	12.3	20.5

523230 2016 YZ_4 8 1.9 18°.97 4°.5/ 4.5 18

6 30	21 10.76	− 5 47.5	1.944	2.793	13.8	20.6
7 10	21 5.75	− 5 18.9	1.875	2.795	10.8	20.4
7 20	20 58.99	− 5 3.6	1.828	2.799	7.6	20.2
7 30	20 51.12	− 5 1.5	1.806	2.802	5.0	20.0
8 9	20 42.98	− 5 11.1	1.810	2.806	4.8	20.0
8 19	20 35.46	− 5 29.7	1.840	2.810	7.3	20.2
8 29	20 29.36	− 5 53.8	1.896	2.815	10.4	20.4
9 8	20 25.27	− 6 19.6	1.973	2.820	13.3	20.6

177350 2003 YA_{145} 8 1.9 262°.79 6°.3/28.0 18

6 30	21 14.32	−32 44.2	1.967	2.854	12.1	19.9
7 10	21 8.77	−34 0.5	1.902	2.845	9.4	19.7
7 20	21 0.94	−35 12.5	1.861	2.837	7.1	19.5
7 30	20 51.59	−36 12.6	1.846	2.829	6.4	19.5
8 9	20 41.77	−36 54.7	1.856	2.820	7.9	19.6
8 19	20 32.65	−37 15.4	1.892	2.811	10.5	19.7
8 29	20 25.31	−37 14.7	1.950	2.803	13.3	19.9
9 8	20 20.50	−36 55.1	2.028	2.794	15.8	20.0

339527 2005 GG_{221} 8 1.9 192°.38 3°.8/ 4.7 18

6 30	21 11.41	− 4 46.7	2.332	3.165	12.3	21.2
7 10	21 6.03	− 4 43.1	2.252	3.163	9.7	21.0
7 20	20 59.10	− 4 52.5	2.194	3.161	6.8	20.8
7 30	20 51.15	− 5 14.0	2.163	3.159	4.4	20.7
8 9	20 42.90	− 5 45.6	2.160	3.156	4.1	20.6
8 19	20 35.12	− 6 24.2	2.185	3.153	6.4	20.8
8 29	20 28.53	− 7 6.2	2.236	3.149	9.3	21.0
9 8	20 23.69	− 7 47.9	2.311	3.145	12.0	21.1

357848 2005 UE_{195} 8 1.9 314°.32 5°.7/28.5 18

6 30	21 12.28	−31 34.1	2.007	2.896	11.7	20.3
7 10	21 7.19	−32 40.2	1.942	2.888	9.0	20.1
7 20	20 59.97	−33 42.6	1.900	2.880	6.6	20.0
7 30	20 51.36	−34 34.8	1.884	2.872	5.7	19.9
8 9	20 42.35	−35 10.9	1.894	2.865	7.2	20.0
8 19	20 34.01	−35 28.1	1.929	2.857	9.9	20.1
8 29	20 27.34	−35 26.0	1.988	2.850	12.7	20.3
9 8	20 23.05	−35 6.5	2.066	2.843	15.2	20.5

444174 2005 NZ_{104} 8 1.9 76°.59 1°.1/ 2.6 18

6 30	21 11.87	−13 42.3	1.988	2.859	12.6	21.3
7 10	21 6.54	−13 48.9	1.922	2.865	9.3	21.1
7 20	20 59.43	−14 3.8	1.880	2.870	5.6	20.9
7 30	20 51.22	−14 24.4	1.863	2.876	1.8	20.7
8 9	20 42.77	−14 47.7	1.874	2.881	2.8	20.8
8 19	20 34.98	−15 10.3	1.912	2.887	6.6	21.0
8 29	20 28.66	−15 29.7	1.976	2.893	10.2	21.2
9 8	20 24.39	−15 44.0	2.062	2.898	13.2	21.5

214110 2004 RL_{181} 8 1.9 99°.00 6°.4/ 7.7 18

6 30	21 8.05	+ 4 29.8	2.357	3.147	13.5	20.3
7 10	21 3.57	+ 4 32.0	2.282	3.152	11.3	20.2
7 20	20 57.65	+ 4 15.4	2.229	3.157	8.9	20.0
7 30	20 50.83	+ 3 39.7	2.200	3.162	7.0	19.9
8 9	20 43.76	+ 2 47.1	2.197	3.167	6.4	19.9
8 19	20 37.15	+ 1 41.0	2.220	3.172	7.4	20.0
8 29	20 31.66	+ 0 26.4	2.269	3.177	9.5	20.1
9 8	20 27.81	− 0 51.2	2.343	3.181	11.7	20.3

435738 2008 UH_{130} 8 1.9 251°.61 6°.6/ 6.2 16

6 30	21 11.02	+ 0 33.0	1.863	2.685	15.4	20.8
7 10	21 6.12	+ 0 55.7	1.784	2.680	12.6	20.6
7 20	20 59.31	+ 0 59.2	1.727	2.676	9.7	20.5
7 30	20 51.23	+ 0 42.6	1.692	2.671	7.3	20.3
8 9	20 42.74	+ 0 7.3	1.683	2.666	6.7	20.3
8 19	20 34.79	− 0 43.0	1.699	2.661	8.5	20.4
8 29	20 28.29	− 1 42.9	1.741	2.656	11.4	20.5
9 8	20 23.90	− 2 46.4	1.804	2.650	14.3	20.7

282417 2003 UA_{205} 8 1.9 306°.33 11°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.17	+11 44.9	1.905	2.658	17.5	19.9
7 10	21 6.98	+13 5.4	1.831	2.655	15.5	19.8
7 20	20 59.83	+14 2.2	1.777	2.653	13.6	19.7
7 30	20 51.36	+14 31.0	1.743	2.651	12.1	19.6
8 9	20 42.45	+14 30.1	1.731	2.649	11.5	19.5
8 19	20 34.06	+14 1.2	1.742	2.647	12.1	19.5
8 29	20 27.13	+13 8.9	1.775	2.645	13.6	19.6
9 8	20 22.36	+12 0.7	1.829	2.643	15.5	19.8

48230 2001 KS_{65} 8 1.9 140°.15 1°.4/ 3.1 18

6 30	21 10.43	−10 7.0	1.984	2.848	13.0	19.1
7 10	21 5.57	−10 55.0	1.914	2.851	9.7	18.9
7 20	20 58.94	−11 56.5	1.868	2.855	6.0	18.7
7 30	20 51.14	−13 7.5	1.847	2.858	2.2	18.5
8 9	20 43.03	−14 22.9	1.854	2.862	2.9	18.5
8 19	20 35.48	−15 37.2	1.889	2.865	6.7	18.8
8 29	20 29.32	−16 45.3	1.950	2.867	10.3	19.0
9 8	20 25.18	−17 43.8	2.034	2.870	13.4	19.2

140632 2001 UQ_{17} 8 1.9 96°.39 0°.3/ 1.7 18

6 30	21 11.29	−16 43.1	2.096	2.973	11.8	20.4
7 10	21 6.08	−17 14.4	2.033	2.981	8.6	20.2
7 20	20 59.16	−17 52.2	1.995	2.989	4.9	20.0
7 30	20 51.19	−18 32.7	1.983	2.998	1.1	19.7
8 9	20 43.00	−19 11.8	1.999	3.006	2.9	19.9
8 19	20 35.43	−19 46.0	2.043	3.014	6.6	20.1
8 29	20 29.28	−20 12.8	2.112	3.022	10.0	20.4
9 8	20 25.09	−20 30.8	2.204	3.030	12.8	20.6

416520 2003 YT_{123} 8 1.9 211°.60 1°.2/ 1.1 17

6 30	21 15.41	−18 25.2	1.798	2.679	13.3	21.8
7 10	21 9.50	−19 7.3	1.723	2.673	9.7	21.6
7 20	21 1.37	−19 56.6	1.672	2.667	5.6	21.3
7 30	20 51.74	−20 47.8	1.646	2.660	1.5	21.0
8 9	20 41.65	−21 35.4	1.649	2.653	3.8	21.2
8 19	20 32.20	−22 14.7	1.677	2.645	8.1	21.4
8 29	20 24.47	−22 42.9	1.731	2.636	12.0	21.6
9 8	20 19.20	−22 58.9	1.807	2.627	15.4	21.8

219282 2000 CN_{79} 8 1.9 208°.24 0°.1/ 2.0 18

6 30	21 9.59	−15 45.0	2.741	3.607	9.7	21.8
7 10	21 4.57	−16 6.8	2.662	3.604	7.1	21.6
7 20	20 58.21	−16 34.0	2.608	3.600	4.1	21.4
7 30	20 50.99	−17 4.3	2.581	3.595	1.0	21.2
8 9	20 43.53	−17 34.8	2.584	3.591	2.3	21.3
8 19	20 36.46	−18 3.0	2.615	3.586	5.4	21.5
8 29	20 30.43	−18 26.6	2.674	3.581	8.2	21.7
9 8	20 25.91	−18 44.4	2.756	3.576	10.7	21.8

94227 2001 BK_{61} 8 1.9 302°.82 5°.5/ 5.5 18

6 30	21 10.54	− 1 34.2	2.255	3.077	13.1	19.2
7 10	21 5.48	− 0 59.0	2.175	3.073	10.6	19.0
7 20	20 58.83	− 0 37.7	2.118	3.070	8.0	18.8
7 30	20 51.14	− 0 31.0	2.086	3.066	6.0	18.7
8 9	20 43.16	− 0 38.3	2.080	3.063	5.6	18.7
8 19	20 35.64	− 0 57.4	2.100	3.059	7.3	18.8
8 29	20 29.33	− 1 25.0	2.147	3.056	9.8	18.9
9 8	20 24.78	− 1 57.2	2.216	3.053	12.4	19.1

451801 2013 HA_{30} 8 1.9 341°.14 9°.9/ 7.9 17

6 30	21 6.86	+ 6 32.0	1.751	2.553	17.0	20.4
7 10	21 3.28	+ 7 29.0	1.670	2.539	14.7	20.2
7 20	20 57.77	+ 8 3.3	1.608	2.526	12.4	20.0
7 30	20 50.94	+ 8 11.5	1.567	2.514	10.5	19.8
8 9	20 43.63	+ 7 53.0	1.548	2.503	9.9	19.8
8 19	20 36.80	+ 7 10.0	1.552	2.493	10.9	19.8
8 29	20 31.40	+ 6 7.8	1.579	2.484	13.0	19.9
9 8	20 28.15	+ 4 54.0	1.626	2.476	15.5	20.1

251764 1999 GV_{61} 8 1.9 41°.09 8°.8/29.8 17

6 30	21 20.25	−33 52.0	1.050	1.959	18.3	19.4
7 10	21 13.94	−34 45.1	1.019	1.974	14.1	19.2
7 20	21 4.13	−35 25.7	1.007	1.990	10.4	19.1
7 30	20 52.32	−35 43.3	1.016	2.007	8.8	19.0
8 9	20 40.55	−35 31.8	1.046	2.025	10.4	19.2
8 19	20 30.72	−34 51.8	1.098	2.043	13.9	19.4
8 29	20 24.18	−33 48.7	1.170	2.062	17.5	19.7
9 8	20 21.49	−32 29.8	1.258	2.081	20.7	20.0

505133 2012 HA_{47} 8 1.9 181°.34 6°.3/ 5.9 17

6 30	21 13.91	− 0 10.1	1.838	2.660	15.6	21.8
7 10	21 8.22	+ 0 9.3	1.764	2.661	12.7	21.6
7 20	21 0.55	+ 0 9.5	1.710	2.662	9.6	21.4
7 30	20 51.56	− 0 10.0	1.680	2.662	7.0	21.3
8 9	20 42.19	− 0 47.3	1.676	2.661	6.5	21.2
8 19	20 33.42	− 1 38.4	1.698	2.660	8.5	21.4
8 29	20 26.20	− 2 37.9	1.745	2.658	11.5	21.5
9 8	20 21.20	− 3 39.8	1.815	2.656	14.5	21.7

509617 2008 FH_8 8 1.9 97°.86 1°.2/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.47	−19 29.9	2.198	3.078	11.2	21.9
7 10	21 6.16	−20 4.9	2.138	3.087	8.1	21.8
7 20	20 59.20	−20 44.0	2.102	3.097	4.6	21.6
7 30	20 51.23	−21 23.1	2.093	3.106	1.4	21.4
8 9	20 43.06	−21 58.4	2.112	3.115	3.2	21.5
8 19	20 35.51	−22 26.7	2.158	3.124	6.7	21.7
8 29	20 29.33	−22 46.2	2.231	3.133	9.8	22.0
9 8	20 25.08	−22 56.1	2.325	3.142	12.5	22.2

432744 2011 EF_{13} 8 1.9 188°.32 0°.5/ 2.2 17

6 30	21 14.67	−14 41.2	1.959	2.829	12.8	22.5
7 10	21 8.71	−15 1.0	1.886	2.829	9.5	22.3
7 20	21 0.80	−15 29.1	1.836	2.828	5.6	22.0
7 30	20 51.62	−16 2.3	1.813	2.826	1.5	21.7
8 9	20 42.09	−16 36.6	1.817	2.824	2.9	21.9
8 19	20 33.19	−17 8.2	1.849	2.822	7.0	22.1
8 29	20 25.84	−17 34.2	1.907	2.818	10.7	22.3
9 8	20 20.68	−17 52.9	1.987	2.815	13.9	22.5

357862 2005 UH_{287} 8 1.9 18°.84 3°.8/ 4.7 18

6 30	21 8.75	− 5 16.6	1.994	2.843	13.5	20.8
7 10	21 4.33	− 5 23.4	1.923	2.845	10.5	20.7
7 20	20 58.22	− 5 45.3	1.874	2.847	7.3	20.5
7 30	20 51.03	− 6 21.2	1.850	2.849	4.5	20.3
8 9	20 43.55	− 7 7.7	1.852	2.852	4.2	20.3
8 19	20 36.62	− 8 0.7	1.881	2.855	6.8	20.5
8 29	20 31.03	− 8 55.5	1.935	2.858	10.0	20.7
9 8	20 27.36	− 9 47.8	2.012	2.861	13.0	20.9

118884 2000 UN_{12} 8 1.9 252°.60 1°.2/31.9 18

6 30	21 11.37	−19 54.5	2.408	3.285	10.5	20.4
7 10	21 6.13	−20 24.0	2.324	3.272	7.6	20.2
7 20	20 59.25	−20 57.4	2.265	3.259	4.4	19.9
7 30	20 51.27	−21 31.1	2.233	3.246	1.4	19.7
8 9	20 42.94	−22 1.7	2.229	3.232	3.1	19.8
8 19	20 35.06	−22 26.1	2.254	3.219	6.5	20.0
8 29	20 28.38	−22 42.5	2.304	3.205	9.6	20.2
9 8	20 23.52	−22 49.9	2.378	3.191	12.4	20.3

222428 2001 OB_{67} 8 1.9 330°.79 7°.8/28.5 18

6 30	21 10.00	−29 42.9	1.119	2.038	16.5	19.3
7 10	21 6.93	−31 3.4	1.051	2.015	12.7	19.0
7 20	21 0.53	−32 24.0	1.002	1.993	9.2	18.7
7 30	20 51.66	−33 33.0	0.975	1.972	7.8	18.6
8 9	20 41.90	−34 18.9	0.969	1.953	10.2	18.6
8 19	20 33.08	−34 35.1	0.983	1.934	14.4	18.8
8 29	20 26.95	−34 20.6	1.016	1.917	18.8	19.0
9 8	20 24.59	−33 39.2	1.065	1.902	22.7	19.2

354722 2005 SC_{145} 8 1.9 344°.67 2°.0/ 3.4 18

6 30	21 8.75	−10 3.3	1.884	2.753	13.3	21.0
7 10	21 4.48	−10 26.3	1.810	2.749	10.0	20.8
7 20	20 58.39	−11 2.3	1.759	2.746	6.3	20.6
7 30	20 51.09	−11 48.8	1.733	2.743	2.7	20.4
8 9	20 43.45	−12 41.5	1.733	2.740	3.1	20.4
8 19	20 36.37	−13 35.6	1.760	2.738	6.9	20.6
8 29	20 30.70	−14 26.8	1.813	2.736	10.5	20.8
9 8	20 27.09	−15 11.4	1.887	2.734	13.8	21.1

227662 2006 BR_{199} 8 1.9 242°.41 0°.4/ 1.6 18

6 30	21 10.05	−17 33.1	2.660	3.531	9.8	21.4
7 10	21 5.01	−17 57.4	2.576	3.520	7.1	21.2
7 20	20 58.53	−18 26.4	2.516	3.510	4.1	21.0
7 30	20 51.12	−18 57.5	2.485	3.499	0.9	20.7
8 9	20 43.41	−19 27.5	2.482	3.488	2.5	20.9
8 19	20 36.09	−19 53.8	2.508	3.477	5.7	21.1
8 29	20 29.83	−20 14.4	2.560	3.465	8.6	21.2
9 8	20 25.16	−20 28.1	2.637	3.453	11.2	21.4

145100 2005 GJ_{88} 8 1.9 88°.77 4°.8/30.5 17

6 30	21 18.03	−27 5.2	1.434	2.330	15.1	20.1
7 10	21 11.75	−27 53.1	1.383	2.338	11.1	19.8
7 20	21 2.76	−28 39.2	1.353	2.345	7.2	19.6
7 30	20 52.08	−29 15.7	1.348	2.352	4.8	19.5
8 9	20 41.14	−29 36.2	1.368	2.360	6.8	19.7
8 19	20 31.36	−29 37.9	1.413	2.367	10.6	19.9
8 29	20 23.97	−29 21.4	1.480	2.374	14.4	20.1
9 8	20 19.67	−28 49.8	1.566	2.381	17.6	20.4

382531 2001 TK_{47} 8 1.9 301°.81 1°.9/31.7 18

6 30	21 11.52	−18 41.7	1.461	2.358	14.8	20.5
7 10	21 7.30	−19 37.8	1.376	2.334	10.9	20.2
7 20	21 0.44	−20 45.0	1.312	2.310	6.4	19.9
7 30	20 51.64	−21 57.1	1.273	2.286	2.1	19.6
8 9	20 42.02	−23 6.0	1.259	2.263	4.8	19.7
8 19	20 32.95	−24 4.5	1.270	2.240	9.8	19.9
8 29	20 25.78	−24 47.5	1.303	2.217	14.5	20.1
9 8	20 21.52	−25 13.3	1.355	2.194	18.6	20.3

195283 2002 ES_{75} 8 1.9 38°.78 0°.5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.87	−17 12.8	1.349	2.241	16.1	18.9
7 10	21 9.95	−16 55.9	1.302	2.256	11.8	18.7
7 20	21 1.58	−16 45.8	1.277	2.273	6.9	18.4
7 30	20 51.80	−16 39.5	1.276	2.289	1.7	18.1
8 9	20 41.92	−16 33.8	1.299	2.307	3.6	18.3
8 19	20 33.24	−16 26.4	1.347	2.325	8.5	18.7
8 29	20 26.80	−16 15.5	1.419	2.344	12.8	19.0
9 8	20 23.21	−16 0.5	1.511	2.363	16.4	19.2

27391 2000 EU_{90} 8 1.9 50°.34 1°.7/ 2.7 18

6 30	21 14.85	−13 34.3	1.336	2.223	16.6	17.4
7 10	21 9.28	−13 29.8	1.287	2.236	12.3	17.1
7 20	21 1.25	−13 36.8	1.258	2.250	7.4	16.9
7 30	20 51.74	−13 52.2	1.252	2.265	2.6	16.6
8 9	20 42.04	−14 11.8	1.272	2.280	3.7	16.8
8 19	20 33.44	−14 31.3	1.316	2.295	8.5	17.1
8 29	20 27.04	−14 47.4	1.383	2.310	12.9	17.4
9 8	20 23.46	−14 57.7	1.470	2.326	16.6	17.7

225324 1998 FO_{105} 8 1.9 113°.46 0°.2/ 2.0 18

6 30	21 15.57	−16 2.0	1.996	2.866	12.6	20.8
7 10	21 9.16	−16 18.7	1.941	2.885	9.2	20.7
7 20	21 0.94	−16 41.8	1.910	2.902	5.3	20.5
7 30	20 51.66	−17 7.8	1.905	2.919	1.3	20.2
8 9	20 42.24	−17 33.1	1.929	2.936	2.9	20.4
8 19	20 33.60	−17 54.8	1.980	2.952	6.7	20.6
8 29	20 26.57	−18 10.6	2.058	2.967	10.2	20.9
9 8	20 21.68	−18 19.6	2.158	2.982	13.1	21.1

368432 2002 VL_{8} 8 1.9 291°.00 3°.3/ 3.4 18

6 30	21 13.43	−10 4.1	1.488	2.362	15.9	20.5
7 10	21 8.45	− 9 50.0	1.406	2.346	12.2	20.2
7 20	21 0.98	− 9 49.6	1.344	2.330	8.0	19.9
7 30	20 51.75	−10 1.9	1.306	2.314	4.0	19.7
8 9	20 41.87	−10 23.8	1.293	2.298	4.4	19.7
8 19	20 32.61	−10 51.4	1.304	2.282	8.7	19.9
8 29	20 25.21	−11 20.3	1.340	2.266	13.2	20.1
9 8	20 20.55	−11 46.4	1.395	2.251	17.2	20.3

235861 2005 AV_{42} 8 1.9 238°.50 1°.0/ 1.3 18

6 30	21 13.69	−19 0.1	1.956	2.837	12.4	20.8
7 10	21 8.09	−19 24.2	1.880	2.830	9.0	20.5
7 20	21 0.51	−19 53.5	1.828	2.822	5.2	20.3
7 30	20 51.60	−20 23.8	1.801	2.815	1.4	20.0
8 9	20 42.31	−20 51.2	1.802	2.807	3.4	20.2
8 19	20 33.63	−21 12.1	1.830	2.799	7.4	20.4
8 29	20 26.50	−21 24.4	1.884	2.791	11.1	20.6
9 8	20 21.60	−21 27.6	1.959	2.783	14.3	20.8

440338 2004 TJ_{187} 8 1.9 344°.78 5°.9/29.3 18

6 30	21 13.88	−32 39.9	1.880	2.769	12.4	20.5
7 10	21 8.42	−33 22.2	1.818	2.763	9.5	20.3
7 20	21 0.74	−33 58.5	1.778	2.758	7.0	20.2
7 30	20 51.65	−34 22.6	1.764	2.754	5.9	20.1
8 9	20 42.25	−34 29.8	1.776	2.750	7.3	20.2
8 19	20 33.69	−34 18.1	1.812	2.746	10.0	20.3
8 29	20 26.99	−33 48.5	1.872	2.743	12.9	20.5
9 8	20 22.82	−33 3.8	1.951	2.741	15.6	20.7

399137 2014 EG_{18} 8 1.9 293°.08 4°.2/30.2 18

6 30	21 14.03	−27 5.9	1.827	2.718	12.6	20.7
7 10	21 8.54	−27 55.9	1.762	2.714	9.3	20.5
7 20	21 0.83	−28 45.1	1.720	2.711	6.1	20.3
7 30	20 51.68	−29 27.1	1.705	2.707	4.2	20.2
8 9	20 42.17	−29 56.6	1.715	2.704	6.0	20.3
8 19	20 33.42	−30 10.2	1.751	2.700	9.3	20.5
8 29	20 26.46	−30 7.5	1.811	2.697	12.6	20.7
9 8	20 22.00	−29 49.9	1.891	2.694	15.5	20.9

290878 2005 WK_{68} 8 1.9 159°.30 0°.2/ 2.1 18

6 30	21 10.37	−15 26.9	2.553	3.421	10.3	21.8
7 10	21 5.21	−15 49.4	2.482	3.424	7.5	21.6
7 20	20 58.63	−16 17.8	2.435	3.427	4.4	21.4
7 30	20 51.16	−16 49.4	2.416	3.430	1.1	21.2
8 9	20 43.47	−17 21.3	2.426	3.433	2.3	21.3
8 19	20 36.26	−17 50.7	2.464	3.436	5.6	21.5
8 29	20 30.17	−18 15.4	2.529	3.438	8.6	21.7
9 8	20 25.71	−18 33.8	2.618	3.440	11.1	21.9

186689 2004 BF_{6} 8 1.9 184°.60 0°.8/ 2.4 17

6 30	21 15.64	−14 7.5	1.933	2.800	13.1	22.4
7 10	21 9.45	−14 26.2	1.860	2.801	9.7	22.2
7 20	21 1.27	−14 53.8	1.810	2.800	5.8	22.0
7 30	20 51.79	−15 27.1	1.786	2.800	1.7	21.7
8 9	20 41.95	−16 1.8	1.791	2.798	3.0	21.8
8 19	20 32.76	−16 34.4	1.823	2.796	7.1	22.1
8 29	20 25.15	−17 1.6	1.881	2.793	10.9	22.3
9 8	20 19.78	−17 21.8	1.962	2.790	14.1	22.5

239856 1999 XJ_{28} 8 1.9 244°.21 6°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.19	+ 2 1.9	2.143	2.948	14.2	20.6
7 10	21 6.14	+ 2 25.1	2.054	2.936	11.8	20.4
7 20	20 59.35	+ 2 30.5	1.986	2.924	9.3	20.2
7 30	20 51.36	+ 2 16.9	1.942	2.912	7.2	20.1
8 9	20 42.95	+ 1 45.4	1.924	2.899	6.7	20.0
8 19	20 34.94	+ 0 58.8	1.932	2.886	8.2	20.1
8 29	20 28.17	+ 0 1.6	1.966	2.873	10.7	20.2
9 8	20 23.28	− 1 0.6	2.022	2.860	13.4	20.4

344711 2003 TA_{57} 8 1.9 288°.87 1°.0/ 1.2 18

6 30	21 11.31	−17 15.2	1.787	2.672	13.1	20.7
7 10	21 6.52	−18 6.4	1.716	2.669	9.6	20.4
7 20	20 59.67	−19 6.4	1.669	2.665	5.5	20.2
7 30	20 51.44	−20 9.8	1.647	2.661	1.4	19.9
8 9	20 42.80	−21 10.8	1.652	2.657	3.6	20.1
8 19	20 34.78	−22 4.0	1.684	2.654	7.8	20.3
8 29	20 28.38	−22 45.8	1.740	2.650	11.7	20.5
9 8	20 24.27	−23 14.7	1.817	2.647	15.0	20.7

438310 2006 HM_{73} 8 1.9 275°.31 2°.0/31.5 18

6 30	21 12.12	−20 12.6	1.807	2.696	12.9	21.1
7 10	21 7.10	−21 5.0	1.739	2.693	9.3	20.9
7 20	21 0.00	−22 3.2	1.694	2.690	5.4	20.6
7 30	20 51.52	−23 1.6	1.676	2.688	2.1	20.4
8 9	20 42.65	−23 54.2	1.684	2.685	4.2	20.6
8 19	20 34.44	−24 36.4	1.718	2.683	8.2	20.8
8 29	20 27.87	−25 5.5	1.777	2.680	11.9	21.0
9 8	20 23.65	−25 20.9	1.857	2.678	15.0	21.2

251739 1998 SH_{29} 8 1.9 145°.59 3°.7/29.9 18

6 30	21 12.49	−28 32.3	2.460	3.341	10.1	20.4
7 10	21 6.90	−29 14.1	2.398	3.344	7.5	20.3
7 20	20 59.67	−29 53.6	2.360	3.347	5.0	20.1
7 30	20 51.42	−30 26.2	2.350	3.349	3.7	20.0
8 9	20 42.95	−30 48.5	2.368	3.352	5.0	20.1
8 19	20 35.07	−30 58.2	2.413	3.354	7.5	20.3
8 29	20 28.55	−30 55.0	2.483	3.356	10.1	20.5
9 8	20 23.92	−30 40.0	2.576	3.359	12.4	20.6

442000 2010 OL_{14} 8 1.9 346°.08 4°.0/30.5 18

6 30	21 13.85	−28 2.1	1.942	2.831	12.1	20.2
7 10	21 8.25	−28 30.2	1.877	2.828	9.0	20.0
7 20	21 0.59	−28 55.8	1.835	2.825	5.8	19.8
7 30	20 51.64	−29 13.6	1.819	2.822	4.0	19.7
8 9	20 42.42	−29 19.7	1.830	2.820	5.5	19.8
8 19	20 33.96	−29 12.0	1.867	2.818	8.6	20.0
8 29	20 27.22	−28 50.6	1.928	2.816	11.8	20.2
9 8	20 22.83	−28 17.4	2.010	2.815	14.6	20.4

9039 1990 WB_{4} 8 1.9 195°.99 2°.9/ 3.9 18

6 30	21 11.37	− 8 8.0	2.388	3.233	11.7	17.5
7 10	21 6.02	− 7 56.9	2.309	3.232	9.0	17.3
7 20	20 59.15	− 7 55.8	2.255	3.230	6.0	17.1
7 30	20 51.31	− 8 3.9	2.226	3.229	3.4	16.9
8 9	20 43.21	− 8 19.3	2.226	3.227	3.4	16.9
8 19	20 35.58	− 8 39.5	2.254	3.225	6.1	17.1
8 29	20 29.13	− 9 1.9	2.308	3.223	9.0	17.3
9 8	20 24.39	− 9 23.8	2.386	3.220	11.7	17.4

208225 2000 SL_{207} 8 1.9 24°.79 6°.9/30.1 17

6 30	21 14.95	−28 52.4	0.981	1.901	18.3	19.1
7 10	21 10.31	−29 50.0	0.944	1.909	13.7	18.9
7 20	21 2.23	−30 42.9	0.925	1.918	9.2	18.7
7 30	20 52.03	−31 20.2	0.927	1.929	6.9	18.6
8 9	20 41.63	−31 33.9	0.950	1.941	9.1	18.7
8 19	20 32.87	−31 21.5	0.994	1.953	13.3	19.0
8 29	20 27.18	−30 45.7	1.057	1.967	17.5	19.3
9 8	20 25.24	−29 51.8	1.137	1.982	21.1	19.6

357163 2002 CA_{202} 8 1.9 185°.38 0°.0/ 1.7 18

6 30	21 9.78	−14 54.8	2.392	3.262	10.8	21.6
7 10	21 4.94	−15 38.2	2.318	3.262	7.9	21.5
7 20	20 58.56	−16 29.4	2.269	3.262	4.6	21.2
7 30	20 51.20	−17 24.9	2.247	3.261	1.1	21.0
8 9	20 43.55	−18 20.5	2.254	3.260	2.5	21.1
8 19	20 36.36	−19 12.4	2.289	3.260	6.0	21.3
8 29	20 30.34	−19 57.4	2.350	3.259	9.1	21.5
9 8	20 26.03	−20 33.7	2.435	3.257	11.9	21.7

476267 2007 VF_{154} 8 1.9 286°.66 3°.9/30.4 18

6 30	21 13.82	−26 16.2	1.845	2.735	12.5	21.4
7 10	21 8.38	−27 3.9	1.777	2.730	9.2	21.1
7 20	21 0.77	−27 51.6	1.734	2.725	5.9	20.9
7 30	20 51.72	−28 33.1	1.715	2.720	3.9	20.8
8 9	20 42.29	−29 3.1	1.724	2.715	5.7	20.9
8 19	20 33.59	−29 18.2	1.758	2.710	9.0	21.1
8 29	20 26.64	−29 17.7	1.816	2.705	12.4	21.3
9 8	20 22.13	−29 2.7	1.895	2.700	15.4	21.5

54103 2000 HX_6 8 1.9 265.°72 1.°3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.75	−12 57.0	1.734	2.607	14.1	19.8
7 10	21 8.47	−13 11.4	1.647	2.590	10.6	19.5
7 20	21 0.93	−13 37.0	1.581	2.572	6.5	19.2
7 30	20 51.79	−14 11.3	1.541	2.553	2.2	18.9
8 9	20 42.05	−14 49.9	1.527	2.535	3.3	19.0
8 19	20 32.82	−15 28.3	1.540	2.516	7.8	19.2
8 29	20 25.21	−16 2.5	1.577	2.496	12.1	19.4
9 8	20 20.05	−16 29.6	1.636	2.477	15.8	19.6

100721 1998 BD_{29} 8 1.9 272.°99 0.°7/ 1.6 18

6 30	21 16.57	−18 29.3	1.462	2.351	15.3	20.0
7 10	21 10.90	−18 42.0	1.382	2.335	11.3	19.7
7 20	21 2.50	−19 1.6	1.323	2.319	6.6	19.4
7 30	20 52.17	−19 23.6	1.288	2.302	1.6	19.1
8 9	20 41.15	−19 42.9	1.279	2.285	4.1	19.2
8 19	20 30.86	−19 55.4	1.295	2.268	9.2	19.5
8 29	20 22.65	−19 58.7	1.334	2.251	14.0	19.7
9 8	20 17.43	−19 52.1	1.393	2.234	18.1	19.9

156187 2001 TJ_{233} 8 1.9 262.°57 2.°2/31.4 18

6 30	21 13.36	−20 6.7	1.728	2.617	13.3	20.5
7 10	21 8.25	−21 6.1	1.649	2.603	9.7	20.2
7 20	21 0.83	−22 12.9	1.593	2.589	5.7	19.9
7 30	20 51.78	−23 21.0	1.563	2.575	2.3	19.7
8 9	20 42.14	−24 23.5	1.559	2.560	4.6	19.8
8 19	20 33.07	−25 14.8	1.582	2.545	8.8	20.0
8 29	20 25.72	−25 51.3	1.628	2.530	12.8	20.2
9 8	20 20.89	−26 12.2	1.696	2.515	16.3	20.4

426067 2012 BL_{131} 8 1.9 97.°41 3.°9/31.3 17

6 30	21 20.47	−25 50.3	1.407	2.300	15.5	20.4
7 10	21 13.51	−26 14.3	1.355	2.309	11.4	20.2
7 20	21 3.80	−26 36.6	1.325	2.318	7.0	20.0
7 30	20 52.41	−26 50.7	1.319	2.327	3.9	19.8
8 9	20 40.83	−26 51.5	1.339	2.336	5.9	19.9
8 19	20 30.51	−26 37.0	1.384	2.345	10.1	20.2
8 29	20 22.68	−26 8.3	1.451	2.353	14.1	20.5
9 8	20 18.01	−25 28.2	1.538	2.362	17.5	20.7

438924 2010 CL_{89} 8 1.9 138.°45 3.°4/ 4.6 17

6 30	21 10.40	− 5 8.6	1.826	2.676	14.5	21.2
7 10	21 5.74	− 5 45.9	1.754	2.678	11.2	21.0
7 20	20 59.18	− 6 41.6	1.704	2.680	7.6	20.7
7 30	20 51.37	− 7 53.2	1.678	2.682	4.2	20.5
8 9	20 43.21	− 9 15.3	1.680	2.683	3.9	20.5
8 19	20 35.62	−10 41.8	1.709	2.685	7.1	20.7
8 29	20 29.51	−12 6.1	1.763	2.686	10.8	21.0
9 8	20 25.53	−13 23.0	1.840	2.688	14.1	21.2

397746 2008 FP_{53} 8 1.9 5.°38 6.°6/ 7.1 18

6 30	21 7.47	+ 1 56.9	1.888	2.708	15.3	20.6
7 10	21 3.54	+ 2 4.9	1.816	2.709	12.6	20.4
7 20	20 57.87	+ 1 52.0	1.764	2.709	9.8	20.2
7 30	20 51.07	+ 1 17.7	1.735	2.711	7.4	20.1
8 9	20 43.95	+ 0 24.5	1.730	2.712	6.7	20.1
8 19	20 37.38	− 0 43.2	1.752	2.715	8.2	20.2
8 29	20 32.16	− 1 59.3	1.797	2.717	10.8	20.3
9 8	20 28.91	− 3 17.4	1.866	2.721	13.6	20.5

142194 2002 RF_{53} 8 1.9 298.°81 3.°2/31.4 18

6 30	21 15.43	−23 16.7	1.390	2.289	15.3	19.4
7 10	21 10.32	−23 47.7	1.309	2.268	11.3	19.1
7 20	21 2.29	−24 22.2	1.250	2.246	6.8	18.8
7 30	20 52.15	−24 53.7	1.214	2.225	3.3	18.5
8 9	20 41.23	−25 15.4	1.202	2.203	5.7	18.6
8 19	20 31.05	−25 22.7	1.215	2.182	10.5	18.8
8 29	20 23.07	−25 13.9	1.250	2.161	15.2	19.0
9 8	20 18.30	−24 50.4	1.303	2.141	19.3	19.2

343703 2011 EY_3 8 1.9 12.°69 8.°9/ 8.9 17

6 30	21 5.94	+ 5 50.8	1.275	2.107	20.5	20.3
7 10	21 3.04	+ 5 33.7	1.214	2.110	17.2	20.1
7 20	20 57.83	+ 4 41.0	1.169	2.115	13.6	19.8
7 30	20 51.08	+ 3 12.2	1.144	2.120	10.3	19.7
8 9	20 43.93	+ 1 12.8	1.142	2.127	8.9	19.6
8 19	20 37.56	− 1 7.0	1.163	2.134	10.3	19.7
8 29	20 33.10	− 3 34.2	1.207	2.143	13.5	19.9
9 8	20 31.27	− 5 56.3	1.272	2.153	17.0	20.2

320338 2007 TO_{139} 8 1.9 235.°35 0.°5/ 1.7 17

6 30	21 16.57	−17 22.0	1.591	2.474	14.6	21.9
7 10	21 10.65	−17 44.6	1.515	2.465	10.7	21.6
7 20	21 2.24	−18 15.2	1.460	2.455	6.3	21.4
7 30	20 52.11	−18 49.3	1.431	2.445	1.4	21.0
8 9	20 41.42	−19 21.7	1.428	2.434	3.7	21.2
8 19	20 31.46	−19 47.8	1.451	2.423	8.6	21.4
8 29	20 23.42	−20 4.9	1.498	2.412	13.0	21.7
9 8	20 18.13	−20 11.8	1.566	2.400	16.8	21.9

452541 2004 TT_{335} 8 1.9 306.°38 5.°8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.92	−33 29.7	2.226	3.108	11.0	21.0
7 10	21 7.55	−34 29.5	2.162	3.103	8.5	20.8
7 20	21 0.21	−35 24.1	2.123	3.097	6.5	20.7
7 30	20 51.61	−36 7.5	2.110	3.092	5.8	20.6
8 9	20 42.67	−36 35.0	2.123	3.086	7.1	20.7
8 19	20 34.39	−36 44.3	2.162	3.081	9.4	20.8
8 29	20 27.66	−36 35.4	2.224	3.076	11.9	21.0
9 8	20 23.14	−36 10.5	2.306	3.071	14.2	21.2

137419 1999 TN_{195} 8 1.9 347.°27 1.°1/ 1.5 17

6 30	21 13.57	−20 3.0	1.106	2.016	17.5	18.9
7 10	21 9.12	−19 59.0	1.044	2.008	12.8	18.6
7 20	21 1.58	−20 0.4	1.002	2.001	7.5	18.3
7 30	20 51.97	−20 2.3	0.981	1.996	1.9	17.9
8 9	20 41.84	−19 59.9	0.983	1.991	4.6	18.1
8 19	20 32.83	−19 49.8	1.008	1.987	10.3	18.4
8 29	20 26.40	−19 30.9	1.053	1.985	15.5	18.7
9 8	20 23.40	−19 3.3	1.116	1.984	19.8	18.9

523074 2016 QC_{93} 8 1.9 297.°86 6.°1/28.9 18

6 30	21 15.28	−31 44.4	1.814	2.703	12.8	21.1
7 10	21 9.79	−32 39.8	1.733	2.680	9.9	20.9
7 20	21 1.79	−33 31.5	1.676	2.657	7.2	20.7
7 30	20 52.02	−34 12.2	1.643	2.634	6.1	20.6
8 9	20 41.63	−34 35.4	1.636	2.610	7.7	20.6
8 19	20 31.90	−34 37.7	1.653	2.587	10.8	20.7
8 29	20 24.05	−34 18.9	1.694	2.565	14.1	20.9
9 8	20 18.95	−33 42.0	1.754	2.542	17.1	21.1

188742 2005 UE_{142} 8 1.9 337.°29 2.°0/ 3.2 16

6 30	21 8.20	−10 12.8	1.271	2.162	17.0	20.0
7 10	21 4.90	−10 48.0	1.200	2.151	12.8	19.7
7 20	20 59.05	−11 43.1	1.149	2.141	8.0	19.4
7 30	20 51.40	−12 54.4	1.120	2.132	3.1	19.1
8 9	20 43.16	−14 14.5	1.115	2.124	3.9	19.1
8 19	20 35.64	−15 35.1	1.134	2.116	9.0	19.4
8 29	20 30.12	−16 48.4	1.175	2.110	13.9	19.7
9 8	20 27.50	−17 48.7	1.235	2.104	18.2	19.9

97453 2000 CG_9 8 1.9 202.°30 1.°0/31.9 18

6 30	21 9.29	−17 49.0	2.576	3.450	10.0	19.8
7 10	21 4.55	−18 50.8	2.501	3.448	7.2	19.6
7 20	20 58.35	−19 58.6	2.452	3.446	4.1	19.4
7 30	20 51.19	−21 8.4	2.431	3.444	1.2	19.2
8 9	20 43.72	−22 15.6	2.438	3.441	2.9	19.3
8 19	20 36.66	−23 16.2	2.475	3.439	6.1	19.5
8 29	20 30.67	−24 7.3	2.539	3.436	9.0	19.7
9 8	20 26.31	−24 47.4	2.626	3.433	11.5	19.9

149955 Maron 8 1.9 56.°23 1.°9/ 2.6 18

6 30	21 19.20	−15 10.4	1.449	2.329	16.0	19.7
7 10	21 12.37	−14 29.3	1.391	2.337	11.9	19.5
7 20	21 3.07	−13 55.1	1.355	2.346	7.2	19.2
7 30	20 52.27	−13 26.6	1.343	2.355	2.7	19.0
8 9	20 41.26	−13 2.3	1.357	2.364	3.8	19.1
8 19	20 31.35	−12 40.7	1.397	2.373	8.4	19.4
8 29	20 23.64	−12 20.7	1.461	2.383	12.7	19.7
9 8	20 18.80	−12 0.7	1.546	2.392	16.3	19.9

379941 2012 LE_{17} 8 1.9 73.°97 0.°7/ 2.3 18

6 30	21 16.40	−15 42.8	1.475	2.359	15.5	20.3
7 10	21 10.36	−15 39.8	1.418	2.368	11.4	20.0
7 20	21 1.93	−15 45.2	1.383	2.377	6.7	19.8
7 30	20 52.01	−15 55.6	1.372	2.385	1.8	19.5
8 9	20 41.85	−16 7.2	1.387	2.394	3.5	19.6
8 19	20 32.69	−16 16.7	1.427	2.403	8.2	20.0
8 29	20 25.62	−16 21.7	1.491	2.412	12.5	20.2
9 8	20 21.29	−16 20.9	1.576	2.421	16.1	20.5

424553 2008 FQ 8 1.9 177.°20 1.°0/ 1.3 17

6 30	21 16.26	−18 32.5	1.784	2.664	13.4	22.3
7 10	21 10.10	−19 5.0	1.717	2.666	9.8	22.0
7 20	21 1.75	−19 43.6	1.672	2.667	5.6	21.8
7 30	20 51.99	−20 23.6	1.654	2.668	1.5	21.5
8 9	20 41.86	−20 59.8	1.663	2.668	3.6	21.7
8 19	20 32.49	−21 28.3	1.699	2.668	7.9	21.9
8 29	20 24.89	−21 46.8	1.760	2.667	11.8	22.2
9 8	20 19.75	−21 54.8	1.843	2.666	15.1	22.4

419803 2010 WH_{50} 8 1.9 203.°41 8.°5/ 5.8 18

6 30	21 19.76	+ 3 58.9	2.091	2.871	15.3	21.0
7 10	21 12.44	+ 5 17.0	2.006	2.866	13.0	20.9
7 20	21 3.08	+ 6 18.8	1.943	2.860	10.6	20.7
7 30	20 52.32	+ 7 0.8	1.905	2.854	8.9	20.6
8 9	20 41.07	+ 7 21.7	1.894	2.846	8.6	20.5
8 19	20 30.31	+ 7 22.1	1.909	2.838	9.9	20.6
8 29	20 21.01	+ 7 5.3	1.950	2.829	12.2	20.7
9 8	20 13.88	+ 6 36.5	2.013	2.819	14.6	20.9

116516 2004 BA_{42} 8 1.9 113°.39 0°.0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.64	−14 16.4	2.703	3.570	9.8	19.3
7 10	21 3.27	−15 12.1	2.628	3.571	7.2	19.1
7 20	20 57.58	−16 15.6	2.579	3.571	4.2	18.9
7 30	20 51.04	−17 23.4	2.558	3.572	1.0	18.7
8 9	20 44.24	−18 31.5	2.566	3.572	2.3	18.8
8 19	20 37.81	−19 35.9	2.603	3.573	5.4	19.0
8 29	20 32.37	−20 33.5	2.667	3.574	8.3	19.2
9 8	20 28.41	−21 22.2	2.755	3.574	10.7	19.3

394209 2006 SC_{199} 8 1.9 239°.66 1°.0/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.23	−13 16.3	2.142	3.009	12.0	21.8
7 10	21 6.16	−13 33.8	2.063	3.004	8.9	21.6
7 20	20 59.38	−14 0.1	2.009	2.999	5.4	21.3
7 30	20 51.46	−14 32.5	1.981	2.993	1.8	21.1
8 9	20 43.21	−15 7.7	1.980	2.987	2.7	21.1
8 19	20 35.47	−15 42.2	2.007	2.981	6.4	21.4
8 29	20 29.04	−16 12.8	2.060	2.975	9.9	21.6
9 8	20 24.53	−16 37.3	2.136	2.969	12.9	21.8

137080 1998 XD_{7} 8 1.9 310°.18 4°.7/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.52	− 7 11.2	1.394	2.265	16.9	19.0
7 10	21 7.21	− 6 52.1	1.313	2.249	13.3	18.7
7 20	21 0.39	− 6 50.3	1.252	2.233	9.2	18.4
7 30	20 51.75	− 7 5.8	1.214	2.217	5.4	18.2
8 9	20 42.45	− 7 35.9	1.199	2.202	5.3	18.1
8 19	20 33.77	− 8 16.2	1.209	2.187	9.2	18.3
8 29	20 26.97	− 9 0.9	1.241	2.173	13.6	18.5
9 8	20 22.97	− 9 44.2	1.293	2.159	17.7	18.8

392465 2011 CT_{5} 8 1.9 75°.04 1°.9/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.26	− 3 3.7	1.047	1.921	21.1	20.5
7 10	21 8.99	− 5 35.7	0.987	1.928	16.0	20.2
7 20	21 1.61	− 8 50.0	0.947	1.935	10.0	19.9
7 30	20 52.05	−12 34.6	0.930	1.942	3.6	19.5
8 9	20 41.78	−16 28.5	0.940	1.949	4.3	19.6
8 19	20 32.48	−20 8.9	0.977	1.956	10.6	20.0
8 29	20 25.72	−23 18.6	1.037	1.963	16.2	20.3
9 8	20 22.47	−25 49.4	1.118	1.971	20.8	20.6

441946 2010 KR_{95} 8 1.9 310°.09 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.44	−17 32.2	2.026	2.903	12.2	20.4
7 10	21 7.82	−17 28.9	1.952	2.899	8.9	20.2
7 20	21 0.35	−17 30.1	1.901	2.894	5.2	19.9
7 30	20 51.69	−17 33.5	1.876	2.890	1.2	19.6
8 9	20 42.73	−17 36.3	1.879	2.886	2.9	19.8
8 19	20 34.39	−17 36.3	1.909	2.882	6.8	20.0
8 29	20 27.55	−17 32.0	1.965	2.879	10.4	20.2
9 8	20 22.81	−17 22.7	2.043	2.875	13.5	20.4

381968 2010 EY_{113} 8 1.9 141°.25 5°.7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.88	−33 7.6	2.257	3.134	11.1	21.5
7 10	21 10.31	−34 18.9	2.208	3.145	8.6	21.4
7 20	21 1.77	−35 24.5	2.183	3.156	6.4	21.3
7 30	20 52.01	−36 18.0	2.185	3.166	5.7	21.3
8 9	20 41.99	−36 54.5	2.214	3.176	7.0	21.4
8 19	20 32.73	−37 12.1	2.270	3.185	9.3	21.5
8 29	20 25.13	−37 10.9	2.350	3.193	11.6	21.7
9 8	20 19.80	−36 53.7	2.450	3.201	13.8	21.9

307361 2002 RQ_{245} 8 1.9 279°.22 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.68	−15 22.5	1.542	2.427	14.9	21.1
7 10	21 8.72	−15 51.1	1.457	2.408	11.0	20.8
7 20	21 1.25	−16 31.2	1.394	2.389	6.5	20.5
7 30	20 51.96	−17 18.5	1.356	2.370	1.5	20.1
8 9	20 41.97	−18 7.3	1.343	2.350	3.6	20.2
8 19	20 32.54	−18 51.9	1.355	2.331	8.7	20.5
8 29	20 24.95	−19 27.8	1.392	2.311	13.4	20.7
9 8	20 20.10	−19 52.6	1.448	2.291	17.4	20.9

416888 2005 QX_{100} 8 1.9 63°.08 2°.6/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.02	−11 22.4	1.440	2.317	16.2	20.5
7 10	21 9.38	−11 12.8	1.385	2.327	12.2	20.3
7 20	21 1.38	−11 16.1	1.350	2.338	7.7	20.0
7 30	20 51.94	−11 30.1	1.339	2.349	3.4	19.8
8 9	20 42.25	−11 50.9	1.354	2.361	3.9	19.9
8 19	20 33.53	−12 14.6	1.394	2.372	8.2	20.2
8 29	20 26.84	−12 37.2	1.458	2.383	12.4	20.4
9 8	20 22.86	−12 55.7	1.542	2.395	16.0	20.7

511126 2013 WQ_{80} 8 1.9 233°.87 6°.4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.05	−29 10.5	1.768	2.661	12.9	20.5
7 10	21 8.91	−31 19.9	1.709	2.659	9.8	20.3
7 20	21 1.31	−33 29.8	1.675	2.657	7.2	20.2
7 30	20 51.97	−35 29.3	1.668	2.655	6.5	20.1
8 9	20 42.02	−37 9.0	1.687	2.652	8.4	20.2
8 19	20 32.70	−38 23.1	1.732	2.650	11.4	20.4
8 29	20 25.23	−39 9.7	1.800	2.647	14.5	20.6
9 8	20 20.48	−39 31.1	1.886	2.645	17.1	20.8

114593 2003 CG_{3} 8 1.9 217°.41 0°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.10	−14 34.2	1.919	2.789	13.1	20.5
7 10	21 9.19	−14 45.5	1.840	2.782	9.7	20.3
7 20	21 1.24	−15 5.0	1.784	2.775	5.8	20.0
7 30	20 51.93	−15 29.9	1.755	2.768	1.7	19.7
8 9	20 42.21	−15 56.5	1.753	2.760	3.0	19.8
8 19	20 33.08	−16 21.4	1.778	2.752	7.2	20.1
8 29	20 25.51	−16 41.7	1.829	2.743	11.0	20.3
9 8	20 20.20	−16 55.5	1.902	2.734	14.3	20.5

236940 2007 TK_{291} 8 1.9 320°.19 3°.4/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.80	− 7 18.7	1.794	2.652	14.3	20.1
7 10	21 6.10	− 7 22.7	1.720	2.649	11.1	19.9
7 20	20 59.45	− 7 41.6	1.667	2.646	7.4	19.7
7 30	20 51.52	− 8 14.0	1.639	2.643	4.1	19.5
8 9	20 43.21	− 8 56.5	1.638	2.641	4.1	19.4
8 19	20 35.50	− 9 44.6	1.662	2.638	7.3	19.6
8 29	20 29.29	−10 33.5	1.712	2.636	11.0	19.9
9 8	20 25.27	−11 19.0	1.783	2.633	14.3	20.1

8252 Elkins–Tanton 8 1.9 173°.98 1°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.67	−13 20.7	1.674	2.545	14.6	18.7
7 10	21 10.47	−13 29.2	1.605	2.547	10.9	18.4
7 20	21 2.03	−13 48.1	1.559	2.549	6.6	18.2
7 30	20 52.11	−14 14.1	1.538	2.551	2.2	17.9
8 9	20 41.83	−14 43.3	1.544	2.551	3.3	18.0
8 19	20 32.33	−15 11.5	1.577	2.552	7.8	18.3
8 29	20 24.66	−15 35.5	1.634	2.551	11.9	18.5
9 8	20 19.52	−15 53.1	1.713	2.551	15.4	18.7

380208 2001 FH_{30} 8 1.9 130°.48 2°.0/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.85	−21 14.4	2.149	3.029	11.5	21.4
7 10	21 8.02	−22 7.0	2.092	3.041	8.3	21.2
7 20	21 0.42	−23 2.9	2.059	3.053	4.8	21.0
7 30	20 51.72	−23 56.9	2.053	3.064	2.1	20.8
8 9	20 42.80	−24 44.3	2.075	3.075	3.9	21.0
8 19	20 34.53	−25 21.6	2.126	3.085	7.2	21.2
8 29	20 27.74	−25 46.9	2.202	3.095	10.3	21.4
9 8	20 22.99	−26 0.2	2.300	3.104	13.0	21.6

477859 2011 GU_{58} 8 1.9 92°.30 4°.9/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.26	− 3 31.7	1.729	2.573	15.5	21.7
7 10	21 7.09	− 3 31.7	1.667	2.583	12.2	21.5
7 20	20 59.98	− 3 49.9	1.626	2.594	8.6	21.3
7 30	20 51.63	− 4 25.4	1.609	2.605	5.6	21.2
8 9	20 43.03	− 5 14.6	1.618	2.615	5.1	21.2
8 19	20 35.13	− 6 12.5	1.653	2.626	7.7	21.3
8 29	20 28.86	− 7 13.5	1.713	2.636	11.1	21.6
9 8	20 24.82	− 8 12.2	1.796	2.646	14.2	21.8

398959 2013 EX_{6} 8 1.9 13°.53 2°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.01	− 9 55.3	1.858	2.726	13.5	20.7
7 10	21 4.70	−10 9.8	1.791	2.729	10.2	20.5
7 20	20 58.59	−10 37.0	1.746	2.732	6.5	20.3
7 30	20 51.32	−11 14.5	1.726	2.735	3.0	20.1
8 9	20 43.76	−11 58.4	1.732	2.739	3.2	20.1
8 19	20 36.82	−12 44.3	1.765	2.743	6.8	20.3
8 29	20 31.32	−13 28.1	1.823	2.747	10.4	20.6
9 8	20 27.87	−14 6.4	1.903	2.752	13.6	20.8

519919 2013 RN_{104} 8 1.9 286°.95 0°.0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.02	−17 19.1	1.466	2.354	15.3	21.4
7 10	21 10.45	−17 17.8	1.389	2.341	11.3	21.2
7 20	21 2.25	−17 23.6	1.332	2.328	6.7	20.9
7 30	20 52.21	−17 32.9	1.300	2.314	1.6	20.5
8 9	20 41.58	−17 41.6	1.293	2.301	3.7	20.6
8 19	20 31.71	−17 46.3	1.312	2.288	8.9	20.9
8 29	20 23.88	−17 44.8	1.354	2.275	13.5	21.1
9 8	20 18.96	−17 36.1	1.415	2.262	17.6	21.3

307572 2003 FX_{101} 8 1.9 171°.05 3°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.24	−26 19.1	2.396	3.275	10.5	20.9
7 10	21 8.22	−26 48.6	2.329	3.276	7.7	20.8
7 20	21 0.51	−27 17.0	2.288	3.278	4.8	20.6
7 30	20 51.75	−27 40.0	2.274	3.279	3.0	20.5
8 9	20 42.78	−27 54.3	2.289	3.281	4.4	20.6
8 19	20 34.42	−27 57.8	2.331	3.281	7.2	20.7
8 29	20 27.45	−27 50.2	2.398	3.282	10.0	20.9
9 8	20 22.43	−27 32.4	2.489	3.282	12.5	21.1

24802 1994 PC_{16} 8 1.9 16°.85 2°.4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.69	−11 19.1	1.152	2.048	18.0	18.1
7 10	21 6.73	−11 24.8	1.099	2.052	13.5	17.8
7 20	21 0.07	−11 47.5	1.064	2.057	8.4	17.6
7 30	20 51.69	−12 23.7	1.052	2.063	3.4	17.3
8 9	20 42.94	−13 7.7	1.062	2.070	4.1	17.4
8 19	20 35.24	−13 52.9	1.096	2.078	9.2	17.7
8 29	20 29.80	−14 33.6	1.151	2.087	14.0	18.0
9 8	20 27.39	−15 5.7	1.225	2.097	18.1	18.3

433945 1995 SU_{76} 8 1.9 55.°10 1.°9/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.50	−20 28.5	1.718	2.607	13.4	21.6
7 10	21 8.19	−21 8.0	1.654	2.608	9.7	21.4
7 20	21 0.72	−21 52.5	1.613	2.609	5.6	21.2
7 30	20 51.83	−22 36.4	1.598	2.610	2.0	20.9
8 9	20 42.61	−23 14.5	1.609	2.611	4.2	21.1
8 19	20 34.14	−23 42.7	1.646	2.613	8.3	21.3
8 29	20 27.44	−23 58.8	1.707	2.614	12.1	21.6
9 8	20 23.20	−24 2.6	1.789	2.615	15.3	21.8

285883 2001 OR_{95} 8 1.9 356.°96 5.°3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.22	− 5 35.5	1.526	2.389	16.2	19.3
7 10	21 5.92	− 5 2.9	1.458	2.386	12.8	19.1
7 20	20 59.46	− 4 46.9	1.410	2.383	9.1	18.8
7 30	20 51.56	− 4 48.0	1.384	2.382	6.0	18.7
8 9	20 43.27	− 5 4.2	1.383	2.381	5.7	18.6
8 19	20 35.69	− 5 32.1	1.407	2.381	8.6	18.8
8 29	20 29.84	− 6 6.6	1.453	2.382	12.3	19.0
9 8	20 26.43	− 6 42.6	1.521	2.384	15.7	19.3

806 Gyldenia 8 1.9 134.°68 5.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.18	−35 45.9	2.509	3.383	10.2	15.5
7 10	21 8.27	−36 45.1	2.456	3.388	8.1	15.4
7 20	21 0.58	−37 37.6	2.428	3.393	6.4	15.3
7 30	20 51.79	−38 17.8	2.426	3.398	5.9	15.2
8 9	20 42.76	−38 41.9	2.451	3.403	7.0	15.3
8 19	20 34.39	−38 48.2	2.502	3.407	8.9	15.5
8 29	20 27.51	−38 37.3	2.577	3.412	11.0	15.6
9 8	20 22.67	−38 11.5	2.673	3.416	12.9	15.8

493538 2015 GM_{3} 8 1.9 157.°23 1.°4/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.88	−12 23.6	1.831	2.699	13.7	22.5
7 10	21 8.28	−12 39.0	1.763	2.703	10.2	22.2
7 20	21 0.69	−13 4.9	1.717	2.706	6.2	22.0
7 30	20 51.83	−13 38.6	1.698	2.709	2.2	21.8
8 9	20 42.65	−14 15.9	1.705	2.712	3.1	21.8
8 19	20 34.14	−14 52.8	1.739	2.715	7.1	22.1
8 29	20 27.25	−15 25.7	1.799	2.717	10.9	22.3
9 8	20 22.60	−15 52.1	1.880	2.718	14.2	22.5

291134 2005 YN_{214} 8 1.9 289.°37 6.°6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.82	−35 54.6	2.249	3.124	11.2	20.8
7 10	21 9.93	−36 54.1	2.163	3.096	9.0	20.6
7 20	21 1.81	−37 47.7	2.102	3.068	7.1	20.5
7 30	20 52.12	−38 28.7	2.067	3.040	6.6	20.4
8 9	20 41.86	−38 51.8	2.058	3.012	7.9	20.4
8 19	20 32.12	−38 53.9	2.075	2.983	10.3	20.5
8 29	20 23.99	−38 35.4	2.114	2.954	12.9	20.6
9 8	20 18.26	−37 58.7	2.174	2.925	15.3	20.8

390711 2003 FU_{24} 8 1.9 50.°95 1.°4/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.70	−11 27.2	1.792	2.664	13.7	20.3
7 10	21 5.84	−11 57.9	1.743	2.685	10.2	20.1
7 20	20 59.19	−12 40.4	1.717	2.706	6.2	19.9
7 30	20 51.47	−13 30.7	1.716	2.728	2.2	19.7
8 9	20 43.60	−14 24.1	1.742	2.750	2.9	19.8
8 19	20 36.51	−15 15.7	1.795	2.772	6.8	20.1
8 29	20 30.98	−16 1.7	1.872	2.794	10.4	20.4
9 8	20 27.57	−16 39.3	1.972	2.816	13.4	20.6

31896 Gaydarov 8 1.9 62.°52 1.°4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.02	−20 20.8	1.436	2.328	15.3	18.6
7 10	21 10.89	−20 32.7	1.385	2.340	11.1	18.3
7 20	21 2.29	−20 48.7	1.356	2.352	6.4	18.1
7 30	20 52.19	−21 3.9	1.351	2.364	1.8	17.8
8 9	20 41.92	−21 13.7	1.371	2.377	4.1	18.0
8 19	20 32.76	−21 15.3	1.417	2.389	8.8	18.3
8 29	20 25.81	−21 7.6	1.486	2.402	12.9	18.6
9 8	20 21.71	−20 51.1	1.576	2.415	16.4	18.9

219628 2001 TB_{211} 8 1.9 260.°54 3.°6/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.84	− 8 39.2	1.793	2.650	14.4	20.0
7 10	21 9.20	− 8 19.1	1.705	2.634	11.2	19.8
7 20	21 1.38	− 8 11.1	1.639	2.618	7.5	19.5
7 30	20 52.04	− 8 14.6	1.598	2.602	4.2	19.3
8 9	20 42.13	− 8 27.9	1.583	2.585	4.3	19.2
8 19	20 32.74	− 8 47.8	1.595	2.568	7.9	19.4
8 29	20 24.92	− 9 11.0	1.632	2.551	11.8	19.6
9 8	20 19.45	− 9 33.8	1.690	2.533	15.3	19.8

340271 2006 BY_{184} 8 1.9 350.°17 2.°1/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 8.78	−20 0.8	1.157	2.071	16.5	20.0
7 10	21 5.58	−20 34.4	1.095	2.061	12.1	19.7
7 20	20 59.57	−21 16.1	1.053	2.053	7.0	19.4
7 30	20 51.63	−21 59.3	1.033	2.047	2.4	19.1
8 9	20 43.16	−22 36.7	1.036	2.041	5.1	19.3
8 19	20 35.64	−23 2.4	1.060	2.037	10.3	19.5
8 29	20 30.43	−23 13.3	1.106	2.035	15.2	19.8
9 8	20 28.39	−23 8.8	1.170	2.034	19.3	20.1

392082 2009 DJ_{45} 8 1.9 194.°24 2.°2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.60	− 9 44.7	2.407	3.256	11.5	21.5
7 10	21 6.98	− 9 45.5	2.327	3.254	8.7	21.3
7 20	20 59.81	− 9 55.8	2.271	3.251	5.6	21.1
7 30	20 51.64	−10 13.9	2.242	3.248	2.8	20.9
8 9	20 43.18	−10 37.7	2.241	3.245	3.0	20.9
8 19	20 35.18	−11 4.2	2.268	3.241	5.9	21.1
8 29	20 28.37	−11 30.9	2.323	3.237	9.0	21.3
9 8	20 23.30	−11 55.3	2.401	3.232	11.8	21.5

230295 2001 YB_{121} 8 1.9 218.°75 0.°9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.26	−16 32.5	2.147	3.019	11.8	20.7
7 10	21 7.80	−17 35.8	2.064	3.010	8.6	20.5
7 20	21 0.45	−18 48.0	2.007	3.001	5.0	20.2
7 30	20 51.82	−20 4.2	1.977	2.991	1.2	19.9
8 9	20 42.71	−21 18.7	1.976	2.980	3.3	20.1
8 19	20 34.05	−22 26.1	2.003	2.969	7.1	20.3
8 29	20 26.72	−23 22.7	2.056	2.957	10.6	20.5
9 8	20 21.42	−24 6.5	2.133	2.944	13.7	20.7

499936 2011 HX_{43} 8 1.9 158.°92 2.°3/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.10	−21 42.3	2.132	3.011	11.6	22.2
7 10	21 9.02	−22 38.5	2.069	3.018	8.4	22.1
7 20	21 1.07	−23 38.0	2.031	3.024	4.9	21.9
7 30	20 51.94	−24 35.5	2.020	3.030	2.3	21.7
8 9	20 42.50	−25 25.7	2.038	3.036	4.1	21.8
8 19	20 33.71	−26 4.9	2.083	3.040	7.5	22.0
8 29	20 26.42	−26 31.3	2.154	3.044	10.7	22.3
9 8	20 21.25	−26 44.9	2.247	3.047	13.4	22.5

40545 1999 RO_{109} 8 1.9 346.°64 4.°3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.13	−28 9.0	1.323	2.224	15.8	17.8
7 10	21 12.19	−28 2.0	1.259	2.215	11.8	17.5
7 20	21 3.28	−27 49.3	1.215	2.208	7.5	17.3
7 30	20 52.47	−27 25.3	1.194	2.202	4.4	17.1
8 9	20 41.29	−26 46.2	1.198	2.196	6.2	17.2
8 19	20 31.31	−25 51.9	1.226	2.192	10.6	17.4
8 29	20 23.88	−24 45.0	1.276	2.188	14.9	17.7
9 8	20 19.75	−23 29.6	1.345	2.186	18.6	17.9

61878 2000 QD_{216} 8 1.9 261.°35 4.°7/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.35	−30 20.7	2.165	3.049	11.2	19.6
7 10	21 8.60	−31 5.8	2.097	3.043	8.5	19.4
7 20	21 0.89	−31 47.4	2.053	3.036	5.9	19.2
7 30	20 51.90	−32 20.1	2.036	3.030	4.7	19.2
8 9	20 42.58	−32 39.4	2.045	3.024	6.1	19.2
8 19	20 33.93	−32 43.1	2.081	3.018	8.8	19.4
8 29	20 26.85	−32 30.9	2.141	3.011	11.6	19.6
9 8	20 21.99	−32 4.7	2.222	3.005	14.1	19.7

449630 2014 KC_{17} 8 1.9 357.°98 4.°3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.30	−26 2.9	1.773	2.671	12.6	20.4
7 10	21 5.95	−27 14.4	1.713	2.669	9.3	20.2
7 20	20 59.47	−28 27.1	1.675	2.667	6.0	20.0
7 30	20 51.58	−29 33.7	1.664	2.666	4.4	19.9
8 9	20 43.32	−30 27.8	1.678	2.666	6.2	20.0
8 19	20 35.76	−31 5.1	1.718	2.666	9.5	20.2
8 29	20 29.91	−31 23.9	1.780	2.667	12.7	20.4
9 8	20 26.45	−31 25.2	1.863	2.668	15.6	20.6

519480 2012 DX_{63} 8 1.9 326.°23 0.°3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.19	−18 21.6	2.082	2.961	11.8	21.1
7 10	21 6.93	−18 23.8	2.006	2.954	8.6	20.9
7 20	20 59.87	−18 30.2	1.954	2.949	5.0	20.6
7 30	20 51.66	−18 38.1	1.929	2.943	1.1	20.3
8 9	20 43.16	−18 44.5	1.931	2.937	2.9	20.5
8 19	20 35.23	−18 47.3	1.960	2.932	6.7	20.7
8 29	20 28.73	−18 44.8	2.014	2.927	10.2	20.9
9 8	20 24.26	−18 36.5	2.091	2.922	13.2	21.1

476146 2007 TK_{308} 8 1.9 308.°37 3.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.76	−23 34.8	1.754	2.646	13.0	20.6
7 10	21 7.76	−24 21.9	1.684	2.639	9.5	20.4
7 20	21 0.54	−25 11.7	1.636	2.631	5.8	20.1
7 30	20 51.84	−25 58.4	1.615	2.624	3.1	20.0
8 9	20 42.71	−26 36.0	1.619	2.616	5.1	20.1
8 19	20 34.26	−27 0.7	1.650	2.610	8.9	20.3
8 29	20 27.56	−27 10.6	1.704	2.603	12.5	20.5
9 8	20 23.34	−27 6.2	1.778	2.596	15.7	20.7

365930 2011 YS_{56} 8 1.9 154.°73 0.°4/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.82	−17 46.4	2.648	3.519	9.9	22.3
7 10	21 5.57	−18 11.4	2.579	3.523	7.2	22.1
7 20	20 58.93	−18 40.7	2.535	3.528	4.1	21.9
7 30	20 51.43	−19 11.4	2.518	3.532	1.0	21.7
8 9	20 43.73	−19 40.6	2.530	3.536	2.5	21.8
8 19	20 36.49	−20 5.7	2.571	3.539	5.6	22.0
8 29	20 30.36	−20 24.8	2.639	3.543	8.4	22.2
9 8	20 25.83	−20 37.0	2.730	3.546	10.9	22.4

513673 2011 WO_{66} 8 1.9 280°.92 5°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.87	−30 14.3	2.097	2.984	11.4	20.9
7 10	21 7.69	−31 22.7	2.026	2.973	8.7	20.7
7 20	21 0.46	−32 29.1	1.980	2.962	6.2	20.5
7 30	20 51.83	−33 26.8	1.959	2.951	5.2	20.4
8 9	20 42.76	−34 10.2	1.966	2.940	6.7	20.5
8 19	20 34.27	−34 35.9	1.998	2.928	9.4	20.7
8 29	20 27.33	−34 42.9	2.053	2.917	12.3	20.8
9 8	20 22.67	−34 32.9	2.130	2.906	14.8	21.0

310652 2002 CX_{316} 8 1.9 254°.69 4°.1/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.95	− 4 16.3	2.244	3.080	12.7	20.9
7 10	21 5.18	− 4 10.1	2.163	3.075	10.0	20.8
7 20	20 58.83	− 4 17.6	2.104	3.070	7.1	20.6
7 30	20 51.44	− 4 38.2	2.071	3.065	4.7	20.4
8 9	20 43.73	− 5 9.9	2.064	3.060	4.4	20.4
8 19	20 36.46	− 5 49.6	2.085	3.055	6.6	20.5
8 29	20 30.38	− 6 33.5	2.132	3.049	9.5	20.7
9 8	20 26.06	− 7 17.5	2.202	3.044	12.3	20.9

247413 2002 CF_{134} 8 1.9 177°.56 1°.2/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.04	−11 52.5	2.154	3.015	12.2	21.6
7 10	21 7.47	−12 21.1	2.080	3.016	9.1	21.4
7 20	21 0.17	−12 59.9	2.030	3.018	5.5	21.2
7 30	20 51.75	−13 45.9	2.007	3.019	2.0	20.9
8 9	20 43.01	−14 35.0	2.012	3.019	2.7	21.0
8 19	20 34.81	−15 23.3	2.045	3.019	6.4	21.2
8 29	20 27.96	−16 7.2	2.105	3.018	9.8	21.5
9 8	20 23.04	−16 44.1	2.187	3.017	12.8	21.7

253584 2003 SY_{342} 8 1.9 16°.20 6°.2/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.21	− 3 30.2	0.979	1.867	21.1	19.8
7 10	21 4.46	− 3 33.5	0.930	1.872	16.7	19.6
7 20	20 58.90	− 4 6.9	0.898	1.878	11.8	19.4
7 30	20 51.49	− 5 8.8	0.885	1.886	7.4	19.1
8 9	20 43.67	− 6 32.1	0.892	1.895	6.5	19.1
8 19	20 36.94	− 8 6.6	0.922	1.906	10.2	19.4
8 29	20 32.59	− 9 40.8	0.971	1.918	14.8	19.7
9 8	20 31.41	−11 5.6	1.039	1.931	19.1	20.0

439382 2013 AV_{91} 8 1.9 231°.05 0°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.28	−14 58.7	2.303	3.172	11.2	21.4
7 10	21 6.20	−15 36.1	2.221	3.163	8.2	21.2
7 20	20 59.45	−16 21.8	2.162	3.154	4.8	21.0
7 30	20 51.59	−17 12.1	2.130	3.144	1.2	20.7
8 9	20 43.36	−18 3.1	2.127	3.134	2.6	20.8
8 19	20 35.55	−18 50.8	2.152	3.124	6.3	21.0
8 29	20 28.96	−19 32.0	2.204	3.113	9.6	21.2
9 8	20 24.18	−20 4.8	2.279	3.102	12.5	21.4

511141 2013 YX_3 8 1.9 284°.18 3°.9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.14	−23 50.9	1.583	2.479	14.0	21.7
7 10	21 9.18	−24 56.7	1.503	2.459	10.3	21.4
7 20	21 1.62	−26 7.7	1.445	2.439	6.4	21.1
7 30	20 52.16	−27 16.1	1.412	2.419	3.9	20.9
8 9	20 41.96	−28 14.1	1.405	2.399	6.1	21.0
8 19	20 32.37	−28 55.6	1.422	2.379	10.3	21.2
8 29	20 24.69	−29 17.7	1.463	2.359	14.4	21.4
9 8	20 19.87	−29 21.1	1.523	2.339	18.0	21.6

175668 1994 AZ_9 8 1.9 68°.30 1°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.51	−20 4.0	1.948	2.833	12.3	20.3
7 10	21 7.26	−20 37.3	1.883	2.834	8.9	20.1
7 20	21 0.11	−21 15.0	1.841	2.836	5.1	19.9
7 30	20 51.74	−21 52.6	1.825	2.838	1.7	19.7
8 9	20 43.08	−22 25.7	1.836	2.840	3.6	19.8
8 19	20 35.08	−22 50.8	1.874	2.842	7.4	20.1
8 29	20 28.63	−23 5.9	1.938	2.843	10.9	20.3
9 8	20 24.34	−23 10.6	2.023	2.845	13.9	20.5

217021 2001 KH_{51} 8 1.9 5°.53 22°.0/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.25	+22 21.4	1.243	1.967	26.4	18.4
7 10	21 8.11	+25 29.4	1.196	1.967	25.0	18.3
7 20	21 1.11	+27 59.0	1.162	1.968	23.7	18.2
7 30	20 52.05	+29 39.1	1.143	1.970	22.6	18.1
8 9	20 42.25	+30 23.4	1.137	1.973	22.1	18.1
8 19	20 33.21	+30 11.7	1.145	1.978	22.0	18.1
8 29	20 26.41	+29 10.4	1.168	1.984	22.5	18.2
9 8	20 22.85	+27 31.7	1.203	1.992	23.4	18.3

324226 2006 BW_{78} 8 1.9 241°.74 0°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.55	−18 17.6	2.655	3.527	9.8	21.9
7 10	21 5.49	−18 44.2	2.570	3.516	7.1	21.7
7 20	20 58.96	−19 15.3	2.511	3.505	4.1	21.5
7 30	20 51.48	−19 47.9	2.479	3.493	1.0	21.2
8 9	20 43.69	−20 18.8	2.477	3.482	2.6	21.4
8 19	20 36.29	−20 45.4	2.502	3.470	5.8	21.6
8 29	20 29.95	−21 5.7	2.555	3.458	8.7	21.7
9 8	20 25.22	−21 18.5	2.631	3.445	11.3	21.9

445415 2010 TV_{112} 8 1.9 334°.00 3°.3/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.38	−25 11.0	1.819	2.712	12.6	20.8
7 10	21 7.40	−25 41.5	1.749	2.703	9.2	20.6
7 20	21 0.30	−26 12.2	1.701	2.695	5.7	20.4
7 30	20 51.80	−26 38.1	1.679	2.687	3.3	20.2
8 9	20 42.93	−26 54.5	1.683	2.680	5.1	20.3
8 19	20 34.76	−26 58.5	1.713	2.673	8.6	20.5
8 29	20 28.30	−26 49.3	1.767	2.666	12.1	20.7
9 8	20 24.23	−26 27.8	1.841	2.660	15.2	20.9

76482 2000 FJ_{64} 8 1.9 226°.00 2°.3/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.62	− 9 12.7	1.977	2.838	13.1	19.1
7 10	21 5.85	− 9 32.9	1.904	2.837	10.0	18.9
7 20	20 59.29	−10 5.9	1.853	2.836	6.4	18.7
7 30	20 51.56	−10 49.6	1.827	2.835	3.0	18.5
8 9	20 43.51	−11 39.9	1.829	2.834	3.2	18.5
8 19	20 36.00	−12 32.4	1.857	2.834	6.7	18.7
8 29	20 29.87	−13 22.8	1.912	2.833	10.2	18.9
9 8	20 25.74	−14 7.6	1.989	2.832	13.3	19.1

507204 2010 TH_{130} 8 1.9 327°.50 2°.2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.92	−22 17.1	1.149	2.056	17.2	20.9
7 10	21 10.98	−22 17.2	1.081	2.043	12.7	20.6
7 20	21 2.83	−22 19.6	1.033	2.031	7.5	20.2
7 30	20 52.45	−22 19.0	1.006	2.019	2.6	19.9
8 9	20 41.43	−22 9.9	1.003	2.009	5.2	20.1
8 19	20 31.47	−21 49.7	1.022	1.998	10.7	20.3
8 29	20 24.13	−21 18.0	1.063	1.989	15.9	20.6
9 8	20 20.34	−20 36.6	1.121	1.981	20.3	20.8

103564 2000 BR_{34} 8 1.9 149°.05 0°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.30	−11 12.5	1.732	2.601	14.3	19.4
7 10	21 8.07	−12 43.3	1.664	2.606	10.5	19.2
7 20	21 0.72	−14 30.6	1.620	2.611	6.2	18.9
7 30	20 51.93	−16 27.8	1.602	2.616	1.5	18.6
8 9	20 42.70	−18 25.9	1.613	2.620	3.2	18.8
8 19	20 34.10	−20 16.7	1.652	2.624	7.8	19.0
8 29	20 27.14	−21 53.5	1.717	2.628	11.8	19.3
9 8	20 22.55	−23 12.8	1.804	2.631	15.2	19.5

133720 2003 UJ_{259} 8 1.9 344°.40 1°.6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 10.66	−18 35.5	1.557	2.452	14.2	19.1
7 10	21 6.38	−19 25.3	1.490	2.447	10.3	18.9
7 20	20 59.82	−20 23.7	1.446	2.443	6.0	18.6
7 30	20 51.73	−21 24.5	1.426	2.439	1.8	18.3
8 9	20 43.19	−22 21.2	1.431	2.436	4.2	18.5
8 19	20 35.37	−23 8.2	1.462	2.433	8.7	18.7
8 29	20 29.37	−23 41.8	1.516	2.430	12.8	19.0
9 8	20 25.93	−24 1.0	1.590	2.428	16.3	19.2

5431 Maxinehelin 8 1.9 311°.72 10°.3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.30	− 4 25.0	1.279	2.130	19.4	16.0
7 10	21 15.73	− 1 54.4	1.186	2.100	16.2	15.7
7 20	21 5.80	+ 0 31.4	1.113	2.071	12.8	15.4
7 30	20 53.25	+ 2 44.2	1.064	2.042	10.5	15.2
8 9	20 39.42	+ 4 35.8	1.039	2.014	11.1	15.1
8 19	20 26.03	+ 6 0.3	1.039	1.987	14.2	15.2
8 29	20 14.83	+ 6 56.4	1.060	1.960	18.3	15.3
9 8	20 7.12	+ 7 28.6	1.098	1.934	22.3	15.5

446415 2014 JD_9 8 1.9 71°.96 1°.5/ 3.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.39	−11 22.9	2.040	2.904	12.6	21.8
7 10	21 6.20	−11 43.8	1.986	2.923	9.4	21.6
7 20	20 59.38	−12 14.9	1.955	2.942	5.8	21.5
7 30	20 51.59	−12 53.2	1.950	2.961	2.2	21.3
8 9	20 43.65	−13 35.0	1.973	2.980	2.8	21.3
8 19	20 36.37	−14 16.5	2.023	2.999	6.3	21.6
8 29	20 30.51	−14 54.2	2.100	3.018	9.6	21.8
9 8	20 26.58	−15 25.8	2.199	3.037	12.4	22.1

357767 2005 SS_{130} 8 1.9 172°.80 7°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.10	−39 56.2	2.364	3.229	11.1	20.8
7 10	21 10.61	−40 55.7	2.311	3.230	9.1	20.7
7 20	21 2.07	−41 45.2	2.281	3.231	7.6	20.6
7 30	20 52.23	−42 18.5	2.277	3.231	7.3	20.6
8 9	20 42.14	−42 31.7	2.299	3.232	8.4	20.6
8 19	20 32.84	−42 23.4	2.346	3.232	10.2	20.8
8 29	20 25.28	−41 55.2	2.416	3.232	12.2	20.9
9 8	20 20.09	−41 10.5	2.506	3.232	14.1	21.0

25678 Ericfoss 8 1.9 120°.23 1°.6/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.58	−10 51.4	1.599	2.470	15.1	18.6
7 10	21 8.31	−11 25.8	1.536	2.478	11.3	18.4
7 20	21 0.85	−12 14.9	1.495	2.484	7.0	18.2
7 30	20 51.97	−13 14.5	1.479	2.491	2.6	17.9
8 9	20 42.75	−14 18.7	1.490	2.497	3.3	18.0
8 19	20 34.30	−15 21.6	1.527	2.504	7.7	18.3
8 29	20 27.64	−16 17.9	1.588	2.510	11.9	18.5
9 8	20 23.47	−17 4.3	1.671	2.515	15.4	18.8

15145 Ritageorge 8 1.9 56.°96 4.°0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.04	−23 54.6	1.125	2.032	17.5	17.7
7 10	21 12.22	−24 39.6	1.084	2.045	12.7	17.5
7 20	21 3.31	−25 26.2	1.063	2.060	7.7	17.3
7 30	20 52.54	−26 5.8	1.064	2.074	4.1	17.1
8 9	20 41.59	−26 30.8	1.089	2.089	6.4	17.3
8 19	20 32.10	−26 37.8	1.137	2.104	11.1	17.6
8 29	20 25.40	−26 27.0	1.206	2.119	15.5	17.9
9 8	20 22.16	−26 1.1	1.293	2.135	19.2	18.2

426491 2013 RH_{25} 8 1.9 4.°43 1.°7/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.56	−13 39.9	1.021	1.930	18.7	20.5
7 10	21 6.25	−13 38.4	0.968	1.929	13.9	20.3
7 20	21 0.00	−13 51.9	0.933	1.929	8.5	20.0
7 30	20 51.82	−14 17.0	0.918	1.931	2.8	19.6
8 9	20 43.20	−14 47.9	0.925	1.934	4.2	19.7
8 19	20 35.68	−15 18.4	0.954	1.939	9.8	20.1
8 29	20 30.64	−15 43.5	1.003	1.945	15.0	20.4
9 8	20 28.87	−15 59.6	1.070	1.952	19.4	20.7

150607 2000 XT_{32} 8 1.9 234.°65 4.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.42	−31 11.3	2.374	3.255	10.5	20.2
7 10	21 7.85	−32 5.7	2.307	3.250	8.0	20.0
7 20	21 0.47	−32 56.6	2.265	3.245	5.7	19.9
7 30	20 51.90	−33 38.7	2.249	3.239	4.8	19.8
8 9	20 43.02	−34 7.5	2.261	3.234	6.1	19.9
8 19	20 34.71	−34 20.7	2.300	3.228	8.5	20.0
8 29	20 27.82	−34 17.9	2.363	3.222	11.0	20.2
9 8	20 22.98	−34 0.8	2.447	3.217	13.3	20.4

37766 1997 GM_{11} 8 1.9 354.°67 4.°0/30.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.95	−28 12.3	2.028	2.915	11.7	18.9
7 10	21 8.35	−28 45.2	1.964	2.914	8.7	18.7
7 20	21 0.78	−29 15.6	1.924	2.913	5.7	18.5
7 30	20 51.97	−29 38.4	1.910	2.912	4.0	18.4
8 9	20 42.90	−29 49.6	1.923	2.912	5.5	18.5
8 19	20 34.56	−29 46.9	1.963	2.911	8.4	18.7
8 29	20 27.85	−29 30.5	2.026	2.911	11.5	18.9
9 8	20 23.40	−29 1.9	2.111	2.911	14.2	19.0

414436 2009 DN_{117} 8 1.9 184.°60 1.°2/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 15.23	−12 11.7	1.568	2.442	15.3	21.7
7 10	21 9.66	−12 45.1	1.499	2.442	11.4	21.4
7 20	21 1.74	−13 32.4	1.452	2.442	6.9	21.2
7 30	20 52.23	−14 29.3	1.429	2.442	2.2	20.9
8 9	20 42.27	−15 29.8	1.433	2.441	3.4	20.9
8 19	20 33.05	−16 28.0	1.463	2.440	8.1	21.2
8 29	20 25.69	−17 19.0	1.518	2.438	12.4	21.5
9 8	20 20.96	−17 59.4	1.593	2.435	16.1	21.7

87319 2000 QD_9 8 1.9 283.°23 0.°9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.06	−20 27.0	1.680	2.563	14.0	18.5
7 10	21 11.75	−20 17.2	1.597	2.547	10.3	18.2
7 20	21 2.99	−20 9.5	1.537	2.532	6.0	17.9
7 30	20 52.54	−20 0.6	1.502	2.516	1.5	17.6
8 9	20 41.57	−19 47.5	1.494	2.501	3.7	17.7
8 19	20 31.32	−19 28.2	1.513	2.485	8.3	18.0
8 29	20 22.97	−19 2.2	1.556	2.470	12.6	18.2
9 8	20 17.33	−18 30.2	1.621	2.454	16.3	18.4

33449 1999 FL_{25} 8 1.9 46.°63 0.°8/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.02	−16 31.6	1.308	2.205	16.2	18.1
7 10	21 8.13	−17 21.8	1.267	2.224	11.7	17.9
7 20	21 0.79	−18 21.9	1.247	2.245	6.7	17.6
7 30	20 51.98	−19 25.2	1.251	2.265	1.6	17.4
8 9	20 43.01	−20 24.2	1.279	2.286	4.0	17.6
8 19	20 35.15	−21 13.0	1.332	2.308	8.9	17.9
8 29	20 29.46	−21 48.3	1.408	2.329	13.1	18.2
9 8	20 26.57	−22 9.0	1.504	2.351	16.7	18.5

85098 1208 $T\text{-}_3$ 8 1.9 118.°74 3.°4/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.58	−26 59.4	2.044	2.927	11.9	19.1
7 10	21 10.17	−27 19.3	1.982	2.930	8.7	18.9
7 20	21 1.80	−27 36.9	1.944	2.934	5.5	18.7
7 30	20 52.22	−27 47.7	1.932	2.937	3.4	18.6
8 9	20 42.43	−27 48.1	1.947	2.940	4.9	18.7
8 19	20 33.44	−27 36.5	1.990	2.944	8.0	18.9
8 29	20 26.14	−27 13.3	2.057	2.947	11.1	19.1
9 8	20 21.12	−26 40.0	2.147	2.950	13.9	19.3

200105 1995 SO_{24} 8 1.9 225.°93 2.°4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.70	−22 33.9	1.966	2.850	12.2	21.6
7 10	21 9.00	−23 13.0	1.893	2.844	8.9	21.4
7 20	21 1.24	−23 54.8	1.843	2.837	5.3	21.1
7 30	20 52.12	−24 34.4	1.820	2.831	2.5	20.9
8 9	20 42.60	−25 6.8	1.825	2.824	4.3	21.0
8 19	20 33.71	−25 28.5	1.856	2.817	8.0	21.3
8 29	20 26.42	−25 38.0	1.912	2.809	11.5	21.5
9 8	20 21.41	−25 35.5	1.990	2.801	14.5	21.6

150612 2000 YJ_{36} 8 1.9 274.°11 1.°7/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.58	−19 54.3	2.285	3.166	10.8	20.0
7 10	21 5.85	−20 49.6	2.199	3.149	7.9	19.8
7 20	20 59.37	−21 50.8	2.138	3.132	4.6	19.5
7 30	20 51.70	−22 53.2	2.103	3.115	1.8	19.3
8 9	20 43.57	−23 51.9	2.097	3.098	3.6	19.4
8 19	20 35.83	−24 42.6	2.119	3.081	7.0	19.6
8 29	20 29.31	−25 22.3	2.166	3.064	10.3	19.8
9 8	20 24.67	−25 49.7	2.236	3.046	13.2	19.9

336887 2011 GU_{57} 8 1.9 103.°94 0.°3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.06	−15 58.9	1.697	2.579	13.9	20.7
7 10	21 7.91	−16 39.2	1.633	2.583	10.1	20.5
7 20	21 0.63	−17 28.8	1.592	2.587	5.9	20.2
7 30	20 51.98	−18 22.9	1.577	2.591	1.3	19.9
8 9	20 42.98	−19 15.8	1.588	2.595	3.4	20.1
8 19	20 34.72	−20 2.4	1.625	2.598	7.8	20.4
8 29	20 28.18	−20 39.2	1.687	2.602	11.7	20.6
9 8	20 24.04	−21 4.6	1.771	2.606	15.1	20.9

95535 2002 EK_{82} 8 1.9 66.°65 4.°1/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 9.40	− 3 57.4	2.222	3.057	12.8	19.8
7 10	21 4.79	− 3 58.7	2.149	3.060	10.1	19.6
7 20	20 58.63	− 4 14.4	2.098	3.064	7.2	19.5
7 30	20 51.50	− 4 43.5	2.073	3.067	4.7	19.3
8 9	20 44.11	− 5 23.6	2.074	3.070	4.3	19.3
8 19	20 37.20	− 6 11.0	2.103	3.074	6.5	19.4
8 29	20 31.49	− 7 1.7	2.158	3.077	9.3	19.6
9 8	20 27.53	− 7 51.5	2.236	3.080	12.0	19.8

70054 1999 HZ_{10} 8 1.9 21.°42 4.°2/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.67	−23 46.6	0.844	1.773	19.4	18.0
7 10	21 8.12	−24 21.3	0.811	1.784	14.2	17.7
7 20	21 1.14	−24 58.1	0.796	1.797	8.5	17.5
7 30	20 52.10	−25 27.7	0.800	1.811	4.3	17.3
8 9	20 42.92	−25 42.4	0.824	1.827	6.9	17.5
8 19	20 35.39	−25 38.5	0.869	1.845	12.1	17.9
8 29	20 30.92	−25 16.6	0.932	1.865	16.9	18.2
9 8	20 30.10	−24 39.5	1.012	1.885	21.0	18.5

215712 2004 BO_{50} 8 1.9 186.°74 0.°0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 12.31	−15 34.6	2.425	3.291	10.8	21.5
7 10	21 6.85	−16 3.9	2.350	3.291	7.9	21.3
7 20	20 59.82	−16 39.8	2.299	3.290	4.6	21.1
7 30	20 51.79	−17 19.1	2.275	3.289	1.1	20.8
8 9	20 43.47	−17 58.3	2.280	3.287	2.5	20.9
8 19	20 35.63	−18 34.3	2.314	3.285	5.9	21.2
8 29	20 28.98	−19 4.4	2.375	3.282	9.1	21.4
9 8	20 24.09	−19 27.3	2.459	3.279	11.8	21.6

192980 2000 DF_{57} 8 1.9 192.°00 0.°0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.14	−16 1.5	2.416	3.282	10.9	21.8
7 10	21 7.45	−16 24.0	2.339	3.280	8.0	21.6
7 20	21 0.18	−16 52.5	2.286	3.278	4.6	21.4
7 30	20 51.88	−17 24.0	2.262	3.275	1.1	21.1
8 9	20 43.29	−17 55.4	2.265	3.272	2.5	21.2
8 19	20 35.18	−18 23.5	2.298	3.269	6.0	21.4
8 29	20 28.29	−18 46.2	2.357	3.264	9.2	21.6
9 8	20 23.18	−19 2.2	2.440	3.260	11.9	21.8

30128 Shannonbunch 8 1.9 116.°68 3.°4/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.44	−24 14.3	1.708	2.595	13.5	19.6
7 10	21 11.07	−25 3.6	1.656	2.608	9.9	19.4
7 20	21 2.43	−25 53.8	1.627	2.620	6.0	19.2
7 30	20 52.40	−26 38.4	1.624	2.632	3.4	19.1
8 9	20 42.14	−27 11.7	1.648	2.644	5.3	19.2
8 19	20 32.82	−27 30.7	1.698	2.655	8.9	19.5
8 29	20 25.47	−27 34.5	1.772	2.666	12.4	19.7
9 8	20 20.74	−27 24.7	1.867	2.676	15.4	19.9

225972 2002 CB_{141} 8 1.9 229.°15 2.°0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.05	−10 33.3	2.162	3.016	12.4	21.3
7 10	21 8.35	−10 41.2	2.073	3.004	9.4	21.1
7 20	21 0.83	−10 59.5	2.008	2.991	6.0	20.9
7 30	20 52.06	−11 26.3	1.969	2.978	2.7	20.6
8 9	20 42.85	−11 58.7	1.958	2.964	3.1	20.6
8 19	20 34.08	−12 33.2	1.976	2.949	6.6	20.8
8 29	20 26.61	−13 6.7	2.020	2.934	10.1	21.0
9 8	20 21.11	−13 36.1	2.087	2.919	13.2	21.2

262631 2006 WM_{32} 8 1.9 51.°17 2.°2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 13.63	−19 17.0	1.384	2.281	15.4	20.2
7 10	21 8.73	−20 18.1	1.329	2.287	11.2	20.0
7 20	21 1.27	−21 27.5	1.296	2.294	6.5	19.8
7 30	20 52.17	−22 37.5	1.288	2.300	2.3	19.5
8 9	20 42.69	−23 40.1	1.304	2.307	4.8	19.7
8 19	20 34.15	−24 29.4	1.345	2.314	9.5	20.0
8 29	20 27.75	−25 2.1	1.409	2.322	13.7	20.3
9 8	20 24.23	−25 17.9	1.493	2.329	17.3	20.5

76197 2000 EK_{47} 8 1.9 272.°50 2.°5/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.29	−22 57.0	2.035	2.918	11.9	19.0
7 10	21 8.78	−23 32.5	1.947	2.898	8.7	18.8
7 20	21 1.20	−24 10.8	1.883	2.877	5.2	18.5
7 30	20 52.16	−24 47.1	1.846	2.856	2.5	18.3
8 9	20 42.60	−25 16.6	1.836	2.835	4.4	18.4
8 19	20 33.52	−25 35.6	1.853	2.813	8.0	18.5
8 29	20 25.94	−25 42.6	1.895	2.791	11.6	18.7
9 8	20 20.59	−25 37.5	1.958	2.769	14.7	18.9

509193 2006 OX_{19} 8 1.9 354.°76 11.°9/14.9 18

6 30	20 37.45	+ 8 9.9	0.584	1.497	27.6	18.3
7 10	20 43.00	+ 8 10.9	0.530	1.475	24.4	18.0
7 20	20 46.53	+ 7 4.8	0.487	1.458	20.5	17.7
7 30	20 48.72	+ 4 41.5	0.457	1.446	16.2	17.4
8 9	20 50.73	+ 1 5.4	0.440	1.438	12.6	17.2
8 19	20 53.81	− 3 22.3	0.439	1.437	12.3	17.1
8 29	20 59.25	− 8 5.0	0.454	1.440	15.6	17.3
9 8	21 7.79	−12 23.9	0.486	1.449	20.4	17.7

93086 2000 SU_{35} 8 1.9 210.°97 1.°0/ 2.7 18

6 30	21 13.52	−12 58.1	2.053	2.918	12.5	20.1
7 10	21 8.01	−13 20.8	1.974	2.913	9.3	19.9
7 20	21 0.63	−13 53.2	1.918	2.907	5.7	19.7
7 30	20 52.02	−14 32.3	1.889	2.901	1.8	19.4
8 9	20 43.01	−15 14.4	1.887	2.894	2.8	19.5
8 19	20 34.52	−15 55.3	1.913	2.887	6.7	19.7
8 29	20 27.44	−16 31.7	1.965	2.880	10.3	19.9
9 8	20 22.41	−17 1.1	2.040	2.872	13.5	20.1

21038 1990 EP_{3} 8 1.9 69.°37 1.°0/ 1.3 18

6 30	21 12.61	−19 56.5	2.186	3.065	11.3	18.3
7 10	21 7.11	−20 13.1	2.127	3.076	8.2	18.2
7 20	20 59.96	−20 32.7	2.092	3.087	4.7	18.0
7 30	20 51.83	−20 52.1	2.084	3.098	1.3	17.7
8 9	20 43.53	−21 8.1	2.104	3.109	3.0	17.9
8 19	20 35.89	−21 18.3	2.152	3.120	6.5	18.1
8 29	20 29.66	−21 21.4	2.225	3.131	9.7	18.3
9 8	20 25.36	−21 17.1	2.321	3.142	12.4	18.6

214559 2006 QS_{1} 8 2.0 21.°52 1.°1/ 2.6 17

6 30	21 10.64	−13 1.2	1.042	1.947	18.7	19.8
7 10	21 6.97	−13 28.6	0.994	1.953	13.9	19.5
7 20	21 0.41	−14 13.3	0.964	1.961	8.3	19.3
7 30	20 52.00	−15 9.5	0.956	1.969	2.5	18.9
8 9	20 43.22	−16 9.3	0.970	1.979	4.0	19.1
8 19	20 35.60	−17 4.7	1.006	1.990	9.7	19.4
8 29	20 30.44	−17 49.9	1.063	2.001	14.8	19.8
9 8	20 28.50	−18 21.3	1.139	2.014	19.0	20.1

48724 1996 XZ_{26} 8 2.0 119.°98 1.°6/ 1.1 18 R

6 30	21 17.78	−19 53.8	1.674	2.557	14.0	19.4
7 10	21 11.29	−20 27.5	1.620	2.571	10.2	19.2
7 20	21 2.57	−21 5.7	1.589	2.584	5.9	18.9
7 30	20 52.47	−21 43.2	1.584	2.597	1.8	18.7
8 9	20 42.16	−22 14.8	1.605	2.609	4.0	18.9
8 19	20 32.78	−22 36.9	1.653	2.621	8.2	19.2
8 29	20 25.36	−22 47.8	1.726	2.632	12.0	19.4
9 8	20 20.52	−22 47.8	1.820	2.643	15.2	19.7

306853 2001 SB_{142} 8 2.0 235.°53 0.°6/ 1.7 17

6 30	21 18.50	−18 15.5	1.476	2.361	15.4	20.8
7 10	21 12.34	−18 28.8	1.402	2.353	11.3	20.5
7 20	21 3.47	−18 49.0	1.349	2.344	6.6	20.2
7 30	20 52.74	−19 11.5	1.321	2.335	1.6	19.9
8 9	20 41.44	−19 31.2	1.319	2.326	3.9	20.0
8 19	20 30.96	−19 44.2	1.342	2.316	9.0	20.3
8 29	20 22.59	−19 48.1	1.389	2.305	13.6	20.5
9 8	20 17.21	−19 42.6	1.456	2.295	17.6	20.7

92993 2000 RA_{76} 8 2.0 196.°39 3.°4/31.1 18

6 30	21 18.62	−26 51.4	2.087	2.965	11.8	18.6
7 10	21 11.73	−27 14.2	2.017	2.963	8.7	18.4
7 20	21 2.78	−27 35.0	1.971	2.961	5.5	18.2
7 30	20 52.53	−27 48.9	1.952	2.958	3.4	18.0
8 9	20 42.00	−27 52.2	1.961	2.954	4.9	18.1
8 19	20 32.21	−27 43.1	1.998	2.950	8.1	18.3
8 29	20 24.12	−27 21.6	2.060	2.946	11.3	18.5
9 8	20 18.36	−26 49.6	2.144	2.941	14.1	18.7

310703 2002 JL_{116} 8 2.0 144.°91 3.°1/29.8 18

6 30	21 11.92	−25 44.5	2.782	3.659	9.2	21.0
7 10	21 6.50	−26 57.0	2.722	3.668	6.8	20.8
7 20	20 59.62	−28 9.8	2.689	3.677	4.3	20.7
7 30	20 51.80	−29 18.0	2.685	3.686	3.1	20.6
8 9	20 43.73	−30 17.3	2.709	3.694	4.4	20.7
8 19	20 36.10	−31 4.6	2.763	3.701	6.8	20.9
8 29	20 29.60	−31 38.6	2.842	3.709	9.2	21.0
9 8	20 24.74	−31 59.3	2.945	3.716	11.2	21.2

39575 1993 FR_{5} 8 2.0 323.°20 1.°5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.98	−19 18.9	1.686	2.575	13.6	18.7
7 10	21 7.97	−19 56.4	1.619	2.572	9.9	18.4
7 20	21 0.77	−20 40.3	1.573	2.569	5.7	18.2
7 30	20 52.11	−21 25.4	1.553	2.567	1.8	17.9
8 9	20 43.04	−22 6.1	1.560	2.564	3.9	18.1
8 19	20 34.69	−22 38.0	1.592	2.562	8.2	18.3
8 29	20 28.09	−22 58.5	1.648	2.559	12.2	18.6
9 8	20 23.96	−23 6.9	1.725	2.557	15.5	18.8

122913 2000 SV_{168} 8 2.0 263.°32 1.°4/ 1.2 18

6 30	21 15.63	−20 13.5	1.925	2.805	12.6	20.5
7 10	21 9.86	−20 37.9	1.836	2.785	9.2	20.3
7 20	21 1.89	−21 6.8	1.771	2.765	5.4	20.0
7 30	20 52.40	−21 36.0	1.732	2.745	1.7	19.7
8 9	20 42.33	−22 1.0	1.720	2.724	3.7	19.8
8 19	20 32.78	−22 18.2	1.736	2.703	7.9	20.0
8 29	20 24.79	−22 25.6	1.776	2.681	11.8	20.2
9 8	20 19.15	−22 22.7	1.838	2.659	15.2	20.4

352504 2008 CX_{62} 8 2.0 328.°34 0.°1/ 2.1 18

6 30	21 11.73	−16 2.7	1.814	2.696	13.2	21.0
7 10	21 6.91	−16 19.5	1.741	2.690	9.7	20.8
7 20	21 0.09	−16 44.2	1.691	2.685	5.7	20.5
7 30	20 51.95	−17 13.3	1.666	2.680	1.4	20.2
8 9	20 43.43	−17 42.9	1.668	2.675	3.0	20.4
8 19	20 35.54	−18 9.0	1.696	2.671	7.3	20.6
8 29	20 29.22	−18 28.9	1.748	2.667	11.2	20.8
9 8	20 25.13	−18 40.9	1.823	2.663	14.5	21.0

315895 2008 LJ_{7} 8 2.0 181.°18 2.°0/ 3.8 18

6 30	21 9.05	− 8 30.3	2.390	3.241	11.5	20.8
7 10	21 4.52	− 9 2.2	2.314	3.242	8.7	20.6
7 20	20 58.52	− 9 45.9	2.261	3.242	5.6	20.4
7 30	20 51.56	−10 39.1	2.234	3.242	2.7	20.2
8 9	20 44.34	−11 38.0	2.236	3.242	2.7	20.2
8 19	20 37.53	−12 38.7	2.266	3.241	5.7	20.4
8 29	20 31.84	−13 37.2	2.323	3.241	8.8	20.6
9 8	20 27.79	−14 30.2	2.404	3.241	11.5	20.8

515964 2015 RF_{101} 8 2.0 289.°60 6.°9/28.9 18

6 30	21 20.75	−39 25.5	2.284	3.146	11.5	20.8
7 10	21 13.27	−39 52.5	2.220	3.141	9.4	20.6
7 20	21 3.66	−40 8.4	2.181	3.137	7.6	20.5
7 30	20 52.76	−40 7.7	2.167	3.132	6.9	20.5
8 9	20 41.68	−39 47.1	2.179	3.127	7.9	20.5
8 19	20 31.54	−39 6.2	2.218	3.123	9.9	20.6
8 29	20 23.30	−38 7.5	2.281	3.118	12.1	20.8
9 8	20 17.57	−36 55.1	2.365	3.114	14.3	20.9

200122 1997 CR_{6} 8 2.0 289.°87 3.°4/ 1.2 18

6 30	21 28.41	−28 33.7	1.722	2.594	14.2	19.1
7 10	21 19.49	−28 5.0	1.628	2.570	10.7	18.8
7 20	21 7.63	−27 27.9	1.557	2.545	6.8	18.5
7 30	20 53.76	−26 37.2	1.513	2.520	3.6	18.2
8 9	20 39.29	−25 30.5	1.497	2.496	5.2	18.3
8 19	20 25.76	−24 8.9	1.510	2.471	9.5	18.5
8 29	20 14.57	−22 36.4	1.550	2.446	13.7	18.7
9 8	20 6.59	−20 58.2	1.612	2.421	17.5	18.9

435184 2007 RP_{27} 8 2.0 347.°17 3.°8/ 4.3 18

6 30	21 8.53	− 7 10.1	1.418	2.293	16.5	20.4
7 10	21 4.99	− 7 17.9	1.347	2.286	12.8	20.2
7 20	20 59.15	− 7 45.0	1.296	2.279	8.6	19.9
7 30	20 51.76	− 8 29.5	1.268	2.274	4.7	19.7
8 9	20 43.88	− 9 26.9	1.264	2.269	4.5	19.7
8 19	20 36.68	−10 30.9	1.284	2.265	8.4	19.9
8 29	20 31.27	−11 34.8	1.327	2.262	12.7	20.1
9 8	20 28.43	−12 32.7	1.391	2.260	16.5	20.4

233284 2006 AC_{90} 8 2.0 135.°53 0.°4/ 1.8 17

6 30	21 14.77	−17 17.9	2.022	2.896	12.3	21.5
7 10	21 8.84	−17 43.1	1.959	2.905	9.0	21.3
7 20	21 1.08	−18 14.2	1.921	2.914	5.2	21.1
7 30	20 52.17	−18 47.4	1.909	2.923	1.2	20.8
8 9	20 43.03	−19 18.7	1.924	2.931	3.0	21.0
8 19	20 34.58	−19 44.8	1.968	2.938	6.8	21.2
8 29	20 27.65	−20 3.4	2.037	2.946	10.3	21.5
9 8	20 22.84	−20 13.8	2.129	2.953	13.3	21.7

300618 2007 UA_{16} 8 2.0 332.°59 1.°1/ 2.7 18

6 30	21 11.53	−12 59.9	1.775	2.650	13.7	21.2
7 10	21 6.78	−13 20.8	1.703	2.648	10.2	21.0
7 20	21 0.03	−13 52.6	1.654	2.645	6.2	20.8
7 30	20 51.95	−14 32.3	1.630	2.643	2.0	20.5
8 9	20 43.50	−15 15.4	1.633	2.641	3.0	20.6
8 19	20 35.67	−15 57.3	1.662	2.639	7.2	20.8
8 29	20 29.41	−16 34.1	1.716	2.637	11.2	21.1
9 8	20 25.40	−17 3.2	1.791	2.635	14.5	21.3