415756 2000 QL_{212} 2 19.9 146°.58 1°.6/18.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.87	+15 16.5	2.502	3.268	12.4	22.1
1 22	10 35.41	+15 35.8	2.417	3.280	9.7	21.9
2 1	10 27.95	+16 0.8	2.357	3.290	6.5	21.7
2 11	10 19.02	+16 27.5	2.326	3.301	3.2	21.5
2 21	10 9.37	+16 51.7	2.325	3.310	1.8	21.5
3 2	9 59.86	+17 9.5	2.356	3.319	4.8	21.7
3 12	9 51.35	+17 18.3	2.416	3.327	8.0	21.9
3 22	9 44.47	+17 16.9	2.502	3.335	10.9	22.1

345556 2006 RR_{36} 2 19.9 184°.16 1°.4/21.3 17

1 12	10 35.84	+ 5 52.0	2.547	3.292	12.7	20.8
1 22	10 31.54	+ 5 44.2	2.448	3.292	10.2	20.6
2 1	10 25.38	+ 5 46.9	2.372	3.292	7.3	20.4
2 11	10 17.82	+ 5 58.6	2.324	3.292	4.0	20.2
2 21	10 9.50	+ 6 16.6	2.305	3.291	1.4	20.0
3 2	10 1.20	+ 6 37.8	2.316	3.290	3.8	20.2
3 12	9 53.70	+ 6 58.5	2.357	3.290	7.1	20.4
3 22	9 47.64	+ 7 15.8	2.425	3.289	10.1	20.6

68749 2002 EJ_{63} 2 19.9 198°.44 0°.7/20.6 18

1 12	10 38.05	+ 6 28.1	2.129	2.884	14.6	20.6
1 22	10 33.75	+ 6 51.3	2.029	2.880	11.7	20.3
2 1	10 27.17	+ 7 29.2	1.951	2.876	8.2	20.1
2 11	10 18.79	+ 8 18.7	1.899	2.871	4.2	19.9
2 21	10 9.39	+ 9 15.2	1.877	2.866	0.7	19.6
3 2	9 59.93	+10 12.7	1.885	2.859	4.6	19.9
3 12	9 51.43	+11 5.5	1.923	2.852	8.6	20.1
3 22	9 44.71	+11 49.1	1.985	2.844	12.2	20.3

447355 2005 YG_{244} 2 19.9 54°.07 0°.1/20.0 17

1 12	10 39.01	+ 9 20.9	1.285	2.085	20.1	22.1
1 22	10 35.62	+ 9 29.3	1.221	2.099	15.9	21.9
2 1	10 28.93	+ 9 55.0	1.175	2.113	10.9	21.7
2 11	10 19.73	+10 33.2	1.152	2.128	5.3	21.4
2 21	10 9.29	+11 16.5	1.155	2.143	0.6	21.1
3 2	9 59.18	+11 57.0	1.183	2.159	6.3	21.5
3 12	9 50.89	+12 27.8	1.237	2.174	11.5	21.9
3 22	9 45.39	+12 45.2	1.312	2.190	16.0	22.2

351631 2005 XQ_{71} 2 19.9 125°.63 3°.8/17.1 18

1 12	10 42.01	+17 35.2	1.705	2.498	16.2	21.3
1 22	10 37.29	+18 35.9	1.636	2.513	12.6	21.1
2 1	10 29.73	+19 45.3	1.590	2.528	8.6	20.9
2 11	10 20.03	+20 55.0	1.569	2.542	4.8	20.7
2 21	10 9.27	+21 56.3	1.578	2.555	4.3	20.7
3 2	9 58.76	+22 41.9	1.614	2.568	7.6	20.9
3 12	9 49.76	+23 7.6	1.677	2.580	11.5	21.2
3 22	9 43.16	+23 13.2	1.764	2.591	14.9	21.4

488538 2001 SV_{195} 2 20.0 164°.26 0°.3/20.2 18

1 12	10 39.66	+ 7 19.3	1.987	2.746	15.4	23.1
1 22	10 35.09	+ 7 50.2	1.898	2.753	12.2	22.9
2 1	10 28.09	+ 8 36.2	1.831	2.759	8.4	22.7
2 11	10 19.23	+ 9 33.5	1.791	2.765	4.2	22.4
2 21	10 9.36	+10 36.3	1.780	2.769	0.4	22.2
3 2	9 59.54	+11 38.0	1.799	2.772	4.9	22.5
3 12	9 50.84	+12 32.5	1.847	2.775	9.0	22.8
3 22	9 44.08	+13 15.6	1.921	2.777	12.7	23.0

461688 2005 NV_{23} 2 20.0 129°.06 5°.2/24.5 18

1 12	10 38.17	− 4 55.0	2.185	2.884	15.8	21.7
1 22	10 33.64	− 5 26.0	2.097	2.897	13.3	21.5
2 1	10 26.94	− 5 38.8	2.029	2.910	10.4	21.3
2 11	10 18.62	− 5 32.4	1.986	2.921	7.5	21.2
2 21	10 9.43	− 5 8.2	1.970	2.933	5.4	21.0
3 2	10 0.31	− 4 29.5	1.983	2.944	5.8	21.1
3 12	9 52.19	− 3 41.7	2.024	2.954	8.2	21.3
3 22	9 45.79	− 2 50.6	2.092	2.964	11.1	21.5

467157 2016 EY_{88} 2 20.0 237°.11 2°.0/21.9 18

1 12	10 34.23	+ 1 40.5	2.120	2.864	15.0	21.6
1 22	10 30.86	+ 2 8.2	2.011	2.852	12.3	21.3
2 1	10 25.27	+ 2 54.9	1.923	2.840	8.9	21.1
2 11	10 17.92	+ 3 58.9	1.861	2.827	5.1	20.8
2 21	10 9.50	+ 5 15.8	1.828	2.813	2.0	20.6
3 2	10 0.94	+ 6 39.3	1.824	2.800	4.5	20.7
3 12	9 53.24	+ 8 1.9	1.850	2.785	8.4	20.9
3 22	9 47.20	+ 9 17.2	1.901	2.771	12.2	21.1

316668 1995 OT_{10} 2 20.0 241°.73 1°.0/20.6 18

1 12	10 41.02	+ 8 2.3	1.581	2.357	18.0	21.2
1 22	10 37.01	+ 7 56.1	1.484	2.348	14.5	20.9
2 1	10 29.94	+ 8 4.8	1.408	2.338	10.2	20.6
2 11	10 20.34	+ 8 26.0	1.355	2.328	5.3	20.3
2 21	10 9.23	+ 8 55.1	1.329	2.318	1.0	20.0
3 2	9 57.98	+ 9 26.0	1.331	2.307	5.8	20.3
3 12	9 48.07	+ 9 52.6	1.360	2.295	10.9	20.6
3 22	9 40.63	+10 10.3	1.412	2.284	15.5	20.8

250172 2002 TT_{146} 2 20.0 86°.18 1°.6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.60	+ 4 27.1	1.842	2.597	16.6	21.0
1 22	10 34.92	+ 4 38.2	1.776	2.625	13.2	20.8
2 1	10 27.84	+ 5 5.9	1.731	2.653	9.3	20.6
2 11	10 19.02	+ 5 46.8	1.711	2.680	5.0	20.4
2 21	10 9.41	+ 6 36.2	1.720	2.707	1.6	20.2
3 2	10 0.09	+ 7 27.8	1.758	2.733	4.6	20.5
3 12	9 52.10	+ 8 15.8	1.824	2.759	8.6	20.8
3 22	9 46.14	+ 8 55.7	1.916	2.784	12.2	21.1

61613 2000 QY_{97} 2 20.0 152°.22 1°.7/18.4 18

1 12	10 36.41	+13 27.2	2.107	2.888	13.9	19.1
1 22	10 32.43	+14 7.3	2.022	2.893	10.9	18.9
2 1	10 26.21	+14 57.2	1.960	2.897	7.3	18.7
2 11	10 18.30	+15 52.0	1.925	2.901	3.6	18.5
2 21	10 9.48	+16 45.6	1.919	2.905	2.0	18.4
3 2	10 0.74	+17 32.2	1.943	2.908	5.5	18.6
3 12	9 53.04	+18 7.1	1.995	2.911	9.2	18.8
3 22	9 47.14	+18 28.2	2.071	2.914	12.4	19.0

317029 2001 QM_{245} 2 20.0 115°.75 3°.4/17.5 18

1 12	10 42.94	+19 48.1	2.031	2.815	14.3	20.7
1 22	10 37.50	+20 15.9	1.958	2.830	11.1	20.5
2 1	10 29.59	+20 47.5	1.908	2.843	7.6	20.3
2 11	10 19.88	+21 16.8	1.886	2.857	4.3	20.1
2 21	10 9.32	+21 38.2	1.893	2.870	3.7	20.1
3 2	9 59.02	+21 47.1	1.929	2.883	6.6	20.3
3 12	9 50.07	+21 41.4	1.993	2.895	10.0	20.6
3 22	9 43.20	+21 21.5	2.081	2.907	13.0	20.8

417241 2005 YH_{122} 2 20.0 61°.10 2°.3/21.7 18

1 12	10 41.61	+ 4 44.3	1.730	2.486	17.4	20.8
1 22	10 36.54	+ 4 24.1	1.670	2.518	14.0	20.6
2 1	10 28.93	+ 4 19.6	1.630	2.551	9.9	20.4
2 11	10 19.53	+ 4 28.6	1.616	2.583	5.6	20.3
2 21	10 9.36	+ 4 47.6	1.630	2.615	2.4	20.1
3 2	9 59.60	+ 5 11.8	1.672	2.646	4.9	20.3
3 12	9 51.31	+ 5 36.0	1.742	2.678	8.8	20.6
3 22	9 45.22	+ 5 56.0	1.837	2.709	12.4	20.9

112275 2002 LG_{24} 2 20.0 240°.50 1°.2/21.1 18

1 12	10 36.15	+ 4 47.5	2.009	2.765	15.3	20.5
1 22	10 32.52	+ 5 9.2	1.900	2.752	12.4	20.2
2 1	10 26.51	+ 5 48.2	1.814	2.737	8.8	20.0
2 11	10 18.57	+ 6 41.8	1.752	2.723	4.7	19.7
2 21	10 9.44	+ 7 45.7	1.720	2.707	1.2	19.4
3 2	10 0.15	+ 8 53.4	1.716	2.691	4.7	19.6
3 12	9 51.78	+ 9 57.9	1.741	2.675	9.1	19.8
3 22	9 45.22	+10 53.8	1.792	2.658	13.0	20.0

67737 2000 UN_{28} 2 20.0 226°.56 3°.0/22.5 18

1 12	10 35.91	+ 0 31.6	1.827	2.574	17.0	19.9
1 22	10 32.52	+ 0 38.2	1.727	2.566	14.0	19.6
2 1	10 26.59	+ 1 5.6	1.646	2.559	10.3	19.4
2 11	10 18.63	+ 1 52.8	1.589	2.551	6.3	19.1
2 21	10 9.44	+ 2 55.9	1.560	2.543	3.1	18.9
3 2	10 0.14	+ 4 8.9	1.559	2.534	5.2	19.0
3 12	9 51.89	+ 5 23.5	1.586	2.525	9.3	19.2
3 22	9 45.61	+ 6 32.7	1.638	2.515	13.4	19.4

10815 Östergarn 2 20.0 198°.60 0°.5/19.4 18

1 12	10 33.07	+10 34.9	2.874	3.636	11.0	20.3
1 22	10 29.22	+11 6.4	2.774	3.633	8.7	20.1
2 1	10 23.74	+11 46.7	2.699	3.630	5.9	19.9
2 11	10 17.03	+12 32.7	2.651	3.626	2.8	19.7
2 21	10 9.64	+13 20.4	2.634	3.622	0.7	19.5
3 2	10 2.24	+14 5.8	2.649	3.618	3.8	19.8
3 12	9 55.52	+14 45.2	2.692	3.613	6.9	20.0
3 22	9 50.04	+15 15.9	2.763	3.608	9.6	20.1

467516 2007 EM_{217} 2 20.0 299°.44 2°.0/21.6 17

1 12	10 33.21	+ 3 33.6	1.852	2.616	16.2	22.0
1 22	10 30.34	+ 3 42.6	1.753	2.607	13.2	21.8
2 1	10 25.06	+ 4 9.7	1.675	2.598	9.5	21.5
2 11	10 17.86	+ 4 53.0	1.621	2.589	5.3	21.3
2 21	10 9.54	+ 5 48.4	1.594	2.580	2.0	21.0
3 2	10 1.12	+ 6 49.8	1.596	2.572	4.8	21.2
3 12	9 53.73	+ 7 50.1	1.624	2.564	9.1	21.4
3 22	9 48.22	+ 8 43.2	1.678	2.555	13.1	21.6

378784 2008 SD_{48} 2 20.0 190°.52 0°.0/19.9 17

1 12	10 35.69	+ 9 16.3	2.264	3.030	13.5	21.6
1 22	10 31.72	+ 9 35.0	2.169	3.029	10.7	21.4
2 1	10 25.68	+10 4.9	2.098	3.028	7.4	21.1
2 11	10 18.04	+10 42.8	2.053	3.027	3.6	20.9
2 21	10 9.54	+11 24.4	2.037	3.026	0.4	20.6
3 2	10 1.05	+12 4.7	2.051	3.024	4.4	21.0
3 12	9 53.48	+12 39.2	2.094	3.022	8.1	21.2
3 22	9 47.53	+13 4.8	2.163	3.020	11.4	21.4

28611 Liliapopova 2 20.0 289°.38 4°.1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.57	+16 52.7	1.421	2.234	17.9	18.6
1 22	10 34.91	+17 43.7	1.324	2.213	14.2	18.3
2 1	10 28.89	+18 48.4	1.248	2.192	9.8	18.0
2 11	10 20.01	+19 58.8	1.196	2.170	5.5	17.7
2 21	10 9.30	+21 4.5	1.169	2.149	4.7	17.6
3 2	9 58.31	+21 55.1	1.168	2.128	9.0	17.8
3 12	9 48.74	+22 23.3	1.192	2.107	14.0	18.0
3 22	9 41.92	+22 26.8	1.236	2.086	18.6	18.2

37343 2001 SG_{27} 2 20.0 198°.07 0°.0/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.70	+ 8 37.8	2.282	3.043	13.6	20.9
1 22	10 32.53	+ 9 4.6	2.183	3.040	10.8	20.7
2 1	10 26.25	+ 9 43.6	2.107	3.037	7.4	20.5
2 11	10 18.35	+10 31.6	2.059	3.033	3.6	20.2
2 21	10 9.52	+11 23.8	2.039	3.028	0.4	19.9
3 2	10 0.66	+12 14.9	2.050	3.023	4.4	20.3
3 12	9 52.70	+12 59.8	2.091	3.017	8.2	20.5
3 22	9 46.36	+13 35.0	2.157	3.010	11.6	20.7

291778 2006 KD_{35} 2 20.0 50°.33 1°.8/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.60	+12 14.5	1.317	2.125	19.3	20.6
1 22	10 34.43	+12 50.5	1.257	2.142	15.1	20.4
2 1	10 28.07	+13 41.9	1.216	2.159	10.1	20.1
2 11	10 19.32	+14 41.2	1.199	2.176	4.8	19.9
2 21	10 9.42	+15 39.5	1.208	2.195	2.2	19.8
3 2	9 59.88	+16 28.0	1.243	2.213	7.0	20.1
3 12	9 52.11	+17 0.5	1.302	2.232	11.8	20.4
3 22	9 47.04	+17 14.8	1.384	2.251	16.0	20.7

232354 2002 WO_{15} 2 20.0 33°.70 0°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.59	+ 6 25.9	0.966	1.791	23.5	19.7
1 22	10 31.32	+ 7 2.2	0.917	1.809	18.6	19.5
2 1	10 26.34	+ 8 6.0	0.885	1.829	12.7	19.2
2 11	10 18.58	+ 9 29.9	0.874	1.851	6.2	18.9
2 21	10 9.51	+11 1.7	0.885	1.874	0.6	18.6
3 2	10 0.92	+12 27.9	0.920	1.898	7.1	19.1
3 12	9 54.46	+13 37.3	0.977	1.922	12.9	19.5
3 22	9 51.07	+14 24.3	1.055	1.948	17.7	19.9

42426 4634 $T\text{-}_2$ 2 20.0 222°.08 0°.3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.51	+ 6 35.6	1.853	2.623	15.9	20.3
1 22	10 32.17	+ 7 13.8	1.756	2.617	12.7	20.1
2 1	10 26.33	+ 8 10.0	1.680	2.611	8.8	19.8
2 11	10 18.50	+ 9 20.4	1.630	2.604	4.4	19.5
2 21	10 9.50	+10 38.6	1.609	2.597	0.5	19.2
3 2	10 0.42	+11 57.0	1.616	2.590	5.2	19.5
3 12	9 52.41	+13 7.7	1.652	2.582	9.7	19.8
3 22	9 46.35	+14 5.4	1.711	2.574	13.6	20.0

234882 2002 TD_{56} 2 20.0 113°.97 2°.0/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.71	+16 17.9	2.331	3.111	12.8	20.5
1 22	10 33.16	+16 40.3	2.249	3.119	10.0	20.3
2 1	10 26.55	+17 8.5	2.191	3.127	6.7	20.1
2 11	10 18.42	+17 38.0	2.160	3.135	3.4	19.9
2 21	10 9.53	+18 4.1	2.159	3.143	2.3	19.8
3 2	10 0.77	+18 22.8	2.188	3.150	5.2	20.0
3 12	9 53.04	+18 31.1	2.246	3.158	8.5	20.2
3 22	9 46.97	+18 28.0	2.328	3.165	11.4	20.4

223650 2004 NF_{10} 2 20.0 226°.87 3°.4/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.36	+17 13.5	2.245	3.034	12.9	20.8
1 22	10 31.70	+18 28.5	2.149	3.025	10.1	20.6
2 1	10 25.82	+19 52.9	2.077	3.015	6.9	20.4
2 11	10 18.19	+21 20.1	2.033	3.004	4.0	20.2
2 21	10 9.54	+22 42.7	2.019	2.994	3.9	20.2
3 2	10 0.80	+23 53.4	2.035	2.982	6.8	20.3
3 12	9 52.96	+24 47.2	2.078	2.971	10.1	20.5
3 22	9 46.81	+25 21.8	2.146	2.958	13.1	20.7

55507 2001 UG_{122} 2 20.0 185°.35 1°.0/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.39	+11 24.3	2.120	2.895	14.0	19.8
1 22	10 32.45	+11 59.1	2.028	2.895	11.0	19.6
2 1	10 26.27	+12 45.3	1.960	2.895	7.5	19.4
2 11	10 18.37	+13 38.5	1.918	2.894	3.6	19.2
2 21	10 9.53	+14 33.0	1.906	2.893	1.3	19.0
3 2	10 0.71	+15 22.9	1.923	2.892	5.1	19.3
3 12	9 52.89	+16 3.1	1.969	2.890	8.9	19.5
3 22	9 46.83	+16 30.8	2.039	2.888	12.3	19.7

422560 2014 TY_{38} 2 20.0 160°.37 2°.9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.88	+17 2.2	2.147	2.929	13.7	22.4
1 22	10 35.13	+17 49.7	2.065	2.936	10.7	22.2
2 1	10 28.04	+18 44.4	2.006	2.942	7.2	22.0
2 11	10 19.21	+19 40.3	1.975	2.948	3.9	21.8
2 21	10 9.45	+20 31.0	1.973	2.953	3.2	21.7
3 2	9 59.80	+21 10.7	2.001	2.957	6.2	21.9
3 12	9 51.26	+21 35.7	2.058	2.960	9.7	22.2
3 22	9 44.60	+21 44.9	2.138	2.963	12.8	22.4

419607 2010 RJ_{136} 2 20.0 165°.56 0°.8/19.2 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.02	+10 42.6	2.287	3.052	13.4	23.4
1 22	10 33.50	+11 21.2	2.197	3.058	10.6	23.2
2 1	10 26.86	+12 10.9	2.131	3.063	7.2	23.0
2 11	10 18.62	+13 7.4	2.092	3.068	3.4	22.8
2 21	10 9.52	+14 5.4	2.084	3.072	1.1	22.6
3 2	10 0.46	+14 59.1	2.106	3.075	4.7	22.9
3 12	9 52.37	+15 43.8	2.158	3.077	8.4	23.1
3 22	9 45.95	+16 16.6	2.235	3.079	11.6	23.3

281329 2007 TV_{242} 2 20.0 234°.57 3°.4/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.30	− 1 32.5	2.659	3.370	13.0	21.4
1 22	10 30.40	− 1 41.4	2.544	3.358	10.8	21.2
2 1	10 24.70	− 1 35.8	2.451	3.346	8.2	21.0
2 11	10 17.58	− 1 16.0	2.384	3.333	5.5	20.8
2 21	10 9.63	− 0 43.5	2.345	3.319	3.5	20.7
3 2	10 1.57	− 0 1.6	2.337	3.306	4.3	20.7
3 12	9 54.18	+ 0 45.4	2.358	3.291	7.0	20.9
3 22	9 48.11	+ 1 33.0	2.406	3.277	9.9	21.0

455544 2004 GD_{18} 2 20.0 264°.10 7°.4/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.23	+29 4.9	2.052	2.850	13.6	21.4
1 22	10 36.12	+30 31.4	1.957	2.828	11.2	21.2
2 1	10 29.21	+31 59.6	1.886	2.806	8.8	21.0
2 11	10 19.98	+33 19.9	1.841	2.782	7.5	20.9
2 21	10 9.35	+34 22.8	1.823	2.759	8.2	20.9
3 2	9 58.54	+35 0.9	1.833	2.734	10.6	21.0
3 12	9 48.88	+35 11.2	1.867	2.710	13.5	21.1
3 22	9 41.42	+34 54.7	1.923	2.684	16.3	21.2

462646 2009 SJ_{136} 2 20.0 74°.38 1°.9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.68	+ 3 44.3	1.895	2.654	16.0	21.9
1 22	10 31.26	+ 3 54.1	1.812	2.663	12.9	21.7
2 1	10 25.52	+ 4 21.0	1.749	2.671	9.2	21.5
2 11	10 18.02	+ 5 2.5	1.712	2.680	5.1	21.2
2 21	10 9.59	+ 5 54.3	1.703	2.689	1.9	21.0
3 2	10 1.25	+ 6 50.5	1.722	2.697	4.6	21.2
3 12	9 54.02	+ 7 44.5	1.768	2.706	8.6	21.5
3 22	9 48.65	+ 8 31.3	1.840	2.715	12.3	21.7

421280 2013 SV_{83} 2 20.0 95°.99 5°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.93	− 6 40.9	2.085	2.790	16.3	21.1
1 22	10 29.72	− 6 45.1	1.996	2.798	13.8	20.9
2 1	10 24.39	− 6 27.1	1.925	2.807	10.9	20.7
2 11	10 17.45	− 5 46.6	1.879	2.815	7.8	20.6
2 21	10 9.65	− 4 45.9	1.858	2.823	5.5	20.4
3 2	10 1.89	− 3 30.1	1.866	2.831	5.7	20.5
3 12	9 55.08	− 2 6.3	1.903	2.839	8.2	20.6
3 22	9 49.95	− 0 42.0	1.965	2.846	11.3	20.8

459819 2013 SW_{39} 2 20.0 238°.97 2°.0/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.97	+ 5 11.3	2.007	2.761	15.4	21.5
1 22	10 33.85	+ 4 57.3	1.907	2.755	12.5	21.2
2 1	10 27.34	+ 4 56.7	1.829	2.749	9.0	21.0
2 11	10 18.95	+ 5 8.2	1.776	2.743	5.1	20.8
2 21	10 9.48	+ 5 28.8	1.751	2.737	2.0	20.5
3 2	9 59.96	+ 5 54.6	1.756	2.730	4.7	20.7
3 12	9 51.46	+ 6 20.6	1.788	2.724	8.7	20.9
3 22	9 44.82	+ 6 42.7	1.846	2.717	12.4	21.1

427126 2014 UR_{100} 2 20.0 201°.55 1°.5/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.00	+12 33.7	2.160	2.934	13.8	22.6
1 22	10 33.74	+13 16.0	2.064	2.930	10.9	22.4
2 1	10 27.19	+14 9.4	1.991	2.926	7.4	22.2
2 11	10 18.86	+15 9.0	1.945	2.920	3.6	21.9
2 21	10 9.51	+16 8.8	1.928	2.914	1.8	21.8
3 2	10 0.13	+17 2.5	1.942	2.907	5.4	22.0
3 12	9 51.72	+17 45.0	1.984	2.900	9.2	22.2
3 22	9 45.09	+18 13.6	2.052	2.892	12.6	22.4

367578 2009 SZ_{212} 2 20.0 94°.37 1°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.45	+ 3 29.9	2.149	2.895	14.8	21.8
1 22	10 32.21	+ 3 52.1	2.076	2.919	11.8	21.6
2 1	10 25.90	+ 4 29.9	2.024	2.943	8.3	21.5
2 11	10 18.11	+ 5 20.4	2.000	2.967	4.6	21.3
2 21	10 9.61	+ 6 18.9	2.004	2.990	1.6	21.1
3 2	10 1.29	+ 7 19.8	2.038	3.013	4.1	21.3
3 12	9 54.03	+ 8 17.3	2.101	3.035	7.7	21.6
3 22	9 48.47	+ 9 7.2	2.190	3.057	10.9	21.8

274416 2008 SE_7 2 20.0 151°.41 3°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.08	− 2 29.5	2.504	3.213	13.8	21.2
1 22	10 30.99	− 2 36.9	2.409	3.221	11.5	21.1
2 1	10 25.05	− 2 28.2	2.335	3.227	8.7	20.9
2 11	10 17.72	− 2 4.0	2.287	3.234	5.8	20.7
2 21	10 9.65	− 1 26.4	2.267	3.240	3.8	20.6
3 2	10 1.59	− 0 38.9	2.277	3.245	4.5	20.6
3 12	9 54.35	+ 0 13.4	2.317	3.250	7.1	20.8
3 22	9 48.54	+ 1 5.7	2.383	3.255	9.9	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
343256 2009 XN_{22}			2 20.0 43°.36	2°.1/18.8 17		
	h m	° ′			°	m
1 12	10 38.33	+12 42.3	1.092	1.914	21.5	21.1
1 22	10 35.59	+13 12.5	1.038	1.930	16.9	20.9
2 1	10 29.16	+13 59.6	1.001	1.947	11.4	20.7
2 11	10 19.95	+14 55.1	0.987	1.965	5.4	20.4
2 21	10 9.41	+15 49.0	0.996	1.983	2.5	20.3
3 2	9 59.35	+16 31.3	1.030	2.002	7.8	20.6
3 12	9 51.42	+16 55.7	1.088	2.022	13.1	21.0
3 22	9 46.61	+17 0.4	1.165	2.041	17.7	21.3
498302 2007 VS_{108}			2 20.0 127°.51	0°.7/19.2 17		
1 12	10 34.58	+11 33.5	2.678	3.444	11.7	22.3
1 22	10 30.44	+12 3.8	2.594	3.456	9.1	22.2
2 1	10 24.57	+12 42.5	2.535	3.467	6.1	22.0
2 11	10 17.44	+13 25.9	2.503	3.479	2.9	21.8
2 21	10 9.68	+14 9.8	2.502	3.490	1.0	21.7
3 2	10 2.01	+14 50.1	2.532	3.500	4.1	21.9
3 12	9 55.15	+15 23.2	2.591	3.510	7.2	22.1
3 22	9 49.65	+15 47.0	2.676	3.520	9.9	22.3
461401 2001 SX_{238}			2 20.0 107°.26	6°.0/15.4 18		
1 12	10 44.48	+26 57.2	1.978	2.769	14.3	21.7
1 22	10 38.90	+27 47.6	1.915	2.785	11.4	21.5
2 1	10 30.63	+28 36.6	1.875	2.800	8.4	21.4
2 11	10 20.44	+29 16.2	1.861	2.815	6.3	21.3
2 21	10 9.36	+29 39.5	1.876	2.830	6.5	21.3
3 2	9 58.65	+29 42.2	1.919	2.844	8.7	21.5
3 12	9 49.46	+29 23.6	1.988	2.858	11.6	21.7
3 22	9 42.56	+28 46.1	2.080	2.872	14.2	21.9
471849 2012 XQ_{143}			2 20.0 183°.84	5°.0/26.5 17		
1 12	10 32.94	−10 29.0	3.211	3.858	12.1	22.5
1 22	10 28.97	−10 47.2	3.102	3.858	10.5	22.4
2 1	10 23.51	−10 49.7	3.015	3.858	8.6	22.2
2 11	10 16.94	−10 35.9	2.952	3.857	6.7	22.1
2 21	10 9.74	−10 6.5	2.917	3.856	5.3	22.0
3 2	10 2.50	− 9 23.3	2.911	3.854	5.2	22.0
3 12	9 55.85	− 8 30.2	2.934	3.852	6.5	22.1
3 22	9 50.29	− 7 31.6	2.986	3.849	8.4	22.2
234449 2001 SV_{147}			2 20.0 158°.36	1°.0/20.8 18		
1 12	10 41.29	+ 6 48.6	1.841	2.600	16.4	20.7
1 22	10 36.57	+ 6 54.5	1.753	2.607	13.1	20.5
2 1	10 29.22	+ 7 15.2	1.688	2.614	9.2	20.2
2 11	10 19.86	+ 7 47.7	1.648	2.619	4.8	20.0
2 21	10 9.42	+ 8 27.4	1.636	2.624	1.0	19.7
3 2	9 59.04	+ 9 8.6	1.654	2.628	5.0	20.0
3 12	9 49.92	+ 9 45.5	1.700	2.632	9.3	20.3
3 22	9 42.92	+10 14.0	1.771	2.635	13.2	20.5
99777 2002 JR_{114}			2 20.0 321°.41	0°.7/20.6 18		
1 12	10 32.86	+ 5 6.6	1.538	2.322	18.1	19.3
1 22	10 30.57	+ 5 46.8	1.449	2.318	14.5	19.0
2 1	10 25.49	+ 6 49.7	1.381	2.314	10.2	18.8
2 11	10 18.19	+ 8 11.6	1.336	2.310	5.2	18.5
2 21	10 9.59	+ 9 44.7	1.318	2.307	0.7	18.1
3 2	10 0.94	+11 19.1	1.328	2.303	5.7	18.5
3 12	9 53.55	+12 44.9	1.363	2.300	10.7	18.8
3 22	9 48.41	+13 54.9	1.422	2.298	15.1	19.0
13165 1995 WS_{1}			2 20.0 132°.12	2°.3/18.3 18		
1 12	10 42.21	+14 15.2	1.729	2.513	16.3	18.1
1 22	10 37.41	+14 59.7	1.655	2.528	12.8	17.9
2 1	10 29.83	+15 55.1	1.604	2.541	8.6	17.6
2 11	10 20.14	+16 54.8	1.579	2.554	4.3	17.4
2 21	10 9.40	+17 51.0	1.582	2.566	2.7	17.3
3 2	9 58.87	+18 36.6	1.614	2.577	6.5	17.6
3 12	9 49.80	+19 6.8	1.673	2.588	10.7	17.9
3 22	9 43.05	+19 20.0	1.756	2.598	14.4	18.1
276570 2003 SO_{221}			2 20.0 217°.69	5°.0/24.9 17		
1 12	10 33.05	− 6 3.1	2.313	3.013	15.0	20.8
1 22	10 29.69	− 6 15.8	2.209	3.009	12.8	20.6
2 1	10 24.34	− 6 9.4	2.126	3.006	10.1	20.4
2 11	10 17.46	− 5 43.2	2.067	3.002	7.3	20.2
2 21	10 9.69	− 4 58.6	2.035	2.998	5.2	20.1
3 2	10 1.86	− 3 59.3	2.032	2.994	5.5	20.1
3 12	9 54.84	− 2 51.1	2.057	2.990	7.9	20.2
3 22	9 49.33	− 1 40.3	2.108	2.986	10.8	20.4
284647 2007 WG_{27}			2 20.0 169°.78	3°.4/23.4 17		
1 12	10 34.05	− 1 9.5	2.601	3.317	13.2	20.6
1 22	10 30.15	− 1 23.6	2.502	3.319	10.9	20.5
2 1	10 24.48	− 1 23.5	2.424	3.320	8.3	20.3
2 11	10 17.46	− 1 9.6	2.372	3.321	5.5	20.1
2 21	10 9.70	− 0 43.6	2.348	3.322	3.5	20.0
3 2	10 1.93	− 0 8.7	2.354	3.323	4.3	20.0
3 12	9 54.92	+ 0 31.0	2.390	3.324	6.9	20.2
3 22	9 49.26	+ 1 11.1	2.452	3.324	9.7	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
325824 2010 RP_{173}			2 20.0 81°.97	0°.2/19.8 18		
	h m	° ′			°	m
1 12	10 37.95	+ 9 25.1	1.777	2.554	16.2	21.0
1 22	10 33.89	+ 9 48.8	1.706	2.572	12.8	20.8
2 1	10 27.31	+10 26.1	1.657	2.590	8.7	20.6
2 11	10 18.88	+11 12.6	1.633	2.608	4.2	20.3
2 21	10 9.55	+12 2.1	1.637	2.626	0.6	20.1
3 2	10 0.44	+12 48.3	1.671	2.643	5.2	20.5
3 12	9 52.66	+13 25.7	1.731	2.661	9.4	20.7
3 22	9 46.96	+13 51.3	1.816	2.678	13.0	21.0
437210 2012 WB_{12}			2 20.0 339°.23	13°.0/ 5.2 17		
1 12	10 30.61	−26 48.8	2.210	2.769	18.8	20.7
1 22	10 28.28	−28 17.0	2.111	2.760	17.6	20.5
2 1	10 23.69	−29 19.6	2.026	2.751	16.2	20.4
2 11	10 17.27	−29 50.9	1.958	2.743	14.8	20.3
2 21	10 9.71	−29 47.0	1.908	2.735	13.6	20.2
3 2	10 1.96	−29 6.8	1.880	2.728	13.0	20.1
3 12	9 55.08	−27 53.9	1.873	2.721	13.2	20.1
3 22	9 49.92	−26 15.4	1.888	2.715	14.1	20.1
112887 2002 QQ_{44}			2 20.0 78°.25	2°.5/18.0 18		
1 12	10 38.45	+17 27.6	2.140	2.926	13.6	19.7
1 22	10 33.94	+17 49.4	2.062	2.935	10.6	19.5
2 1	10 27.19	+18 16.5	2.006	2.943	7.2	19.3
2 11	10 18.79	+18 43.9	1.978	2.952	3.8	19.1
2 21	10 9.57	+19 6.7	1.979	2.961	2.7	19.0
3 2	10 0.53	+19 20.3	2.009	2.970	5.7	19.2
3 12	9 52.62	+19 22.2	2.068	2.979	9.2	19.5
3 22	9 46.55	+19 11.6	2.150	2.988	12.2	19.7
237730 2001 WP_{71}			2 20.0 171°.42	2°.9/23.5 17		
1 12	10 32.65	− 1 36.1	2.938	3.647	12.0	21.8
1 22	10 28.84	− 1 32.2	2.836	3.649	9.9	21.6
2 1	10 23.47	− 1 14.5	2.757	3.652	7.4	21.5
2 11	10 16.94	− 0 43.8	2.704	3.654	4.9	21.3
2 21	10 9.77	− 0 2.3	2.680	3.656	3.0	21.2
3 2	10 2.61	+ 0 46.7	2.687	3.657	3.7	21.2
3 12	9 56.09	+ 1 39.0	2.724	3.658	6.2	21.4
3 22	9 50.74	+ 2 30.5	2.789	3.658	8.7	21.5
113584 2002 TT_{45}			2 20.0 42°.57	0°.2/19.9 18		
1 12	10 34.88	+ 9 43.9	1.827	2.610	15.7	18.9
1 22	10 31.40	+10 1.3	1.759	2.628	12.3	18.8
2 1	10 25.56	+10 31.2	1.712	2.647	8.4	18.6
2 11	10 18.02	+11 9.6	1.691	2.667	4.0	18.3
2 21	10 9.66	+11 50.9	1.698	2.687	0.5	18.1
3 2	10 1.53	+12 29.5	1.734	2.707	4.9	18.5
3 12	9 54.64	+13 0.4	1.796	2.728	8.9	18.8
3 22	9 49.68	+13 20.7	1.883	2.749	12.4	19.0
255997 2006 TS_{106}			2 20.0 83°.22	1°.3/19.1 18		
1 12	10 38.11	+11 46.7	1.714	2.501	16.4	21.0
1 22	10 34.16	+12 20.0	1.643	2.516	12.8	20.8
2 1	10 27.58	+13 5.9	1.594	2.531	8.6	20.6
2 11	10 19.05	+13 58.7	1.570	2.547	4.1	20.4
2 21	10 9.55	+14 51.7	1.574	2.562	1.6	20.2
3 2	10 0.28	+15 37.8	1.607	2.577	5.8	20.5
3 12	9 52.37	+16 12.0	1.667	2.592	10.0	20.8
3 22	9 46.65	+16 31.7	1.750	2.606	13.7	21.1
394016 2005 VO_{80}			2 20.0 123°.62	4°.2/16.7 18		
1 12	10 42.06	+18 5.4	1.671	2.466	16.4	21.3
1 22	10 37.44	+19 15.0	1.604	2.482	12.8	21.1
2 1	10 29.92	+20 33.2	1.559	2.498	8.7	20.8
2 11	10 20.22	+21 51.2	1.541	2.512	5.1	20.7
2 21	10 9.43	+22 59.4	1.551	2.526	4.7	20.7
3 2	9 58.89	+23 50.2	1.589	2.540	8.0	20.9
3 12	9 49.91	+24 19.3	1.654	2.552	11.8	21.1
3 22	9 43.36	+24 26.7	1.741	2.564	15.3	21.4
496244 2012 HK_{26}			2 20.0 213°.21	5°.3/25.7 17		
1 12	10 34.05	− 8 43.1	2.512	3.187	14.5	22.6
1 22	10 30.36	− 8 49.9	2.400	3.180	12.5	22.5
2 1	10 24.75	− 8 36.8	2.308	3.172	10.0	22.3
2 11	10 17.66	− 8 3.1	2.240	3.163	7.5	22.1
2 21	10 9.70	− 7 9.9	2.200	3.155	5.6	22.0
3 2	10 1.63	− 6 0.5	2.189	3.145	5.7	21.9
3 12	9 54.30	− 4 40.7	2.206	3.135	7.7	22.0
3 22	9 48.36	− 3 17.0	2.251	3.124	10.4	22.2
421194 2013 RT_{77}			2 20.0 72°.07	0°.8/19.4 18		
1 12	10 37.74	+11 53.0	1.917	2.697	15.1	21.3
1 22	10 33.61	+12 6.9	1.839	2.708	11.9	21.1
2 1	10 27.08	+12 31.0	1.784	2.719	8.1	20.9
2 11	10 18.78	+13 1.2	1.754	2.730	3.8	20.7
2 21	10 9.59	+13 32.4	1.753	2.741	1.0	20.5
3 2	10 0.57	+13 59.4	1.782	2.753	5.1	20.8
3 12	9 52.76	+14 18.0	1.837	2.764	9.1	21.0
3 22	9 46.90	+14 26.0	1.917	2.775	12.6	21.3

246740 2009 BB_{76} 2 20.0 56°.71 4°.1/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.63	+18 2.3	1.963	2.765	14.0	20.0
1 22	10 30.39	+19 35.9	1.904	2.787	10.8	19.8
2 1	10 24.88	+21 17.1	1.870	2.809	7.4	19.6
2 11	10 17.70	+22 57.3	1.862	2.832	4.6	19.5
2 21	10 9.71	+24 27.9	1.884	2.855	4.7	19.6
3 2	10 1.92	+25 41.5	1.934	2.877	7.4	19.8
3 12	9 55.30	+26 34.1	2.011	2.900	10.6	20.0
3 22	9 50.53	+27 4.7	2.112	2.923	13.4	20.2

88527 2001 QQ_{177} 2 20.0 122°.66 3°.7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.61	+ 0 0.8	1.688	2.432	18.2	20.0
1 22	10 34.66	− 0 7.2	1.606	2.443	15.0	19.8
2 1	10 28.03	+ 0 5.9	1.544	2.454	11.1	19.6
2 11	10 19.34	+ 0 39.1	1.505	2.464	6.9	19.4
2 21	10 9.53	+ 1 28.8	1.493	2.474	3.8	19.2
3 2	9 59.83	+ 2 28.9	1.509	2.483	5.5	19.3
3 12	9 51.43	+ 3 31.6	1.553	2.492	9.5	19.6
3 22	9 45.22	+ 4 29.9	1.621	2.500	13.4	19.8

190188 2005 WF_{73} 2 20.0 121°.78 2°.1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.57	+12 47.8	1.774	2.555	16.2	21.1
1 22	10 36.79	+13 43.7	1.704	2.574	12.6	20.9
2 1	10 29.33	+14 52.0	1.657	2.594	8.5	20.6
2 11	10 19.90	+16 5.7	1.636	2.612	4.1	20.4
2 21	10 9.49	+17 16.9	1.645	2.629	2.4	20.3
3 2	9 59.31	+18 17.7	1.682	2.646	6.3	20.6
3 12	9 50.55	+19 2.8	1.748	2.662	10.3	20.9
3 22	9 44.02	+19 30.3	1.837	2.677	13.9	21.2

84884 Dorismcmillan 2 20.0 194°.13 3°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.96	− 2 59.1	2.791	3.499	12.5	19.9
1 22	10 27.66	− 2 47.2	2.686	3.498	10.4	19.7
2 1	10 22.75	− 2 19.4	2.604	3.497	7.9	19.6
2 11	10 16.63	− 1 36.7	2.547	3.495	5.3	19.4
2 21	10 9.84	− 0 41.3	2.519	3.493	3.3	19.2
3 2	10 3.02	+ 0 22.8	2.522	3.491	3.9	19.3
3 12	9 56.86	+ 1 30.7	2.553	3.489	6.4	19.4
3 22	9 51.91	+ 2 37.4	2.613	3.487	9.1	19.6

194121 2001 SO_{261} 2 20.0 112°.46 0°.9/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.01	+ 7 58.1	1.611	2.383	17.9	19.9
1 22	10 37.43	+ 7 53.5	1.534	2.395	14.3	19.6
2 1	10 29.95	+ 8 3.4	1.476	2.406	9.9	19.4
2 11	10 20.27	+ 8 25.0	1.444	2.417	5.1	19.1
2 21	10 9.45	+ 8 53.3	1.439	2.427	1.0	18.9
3 2	9 58.82	+ 9 22.4	1.462	2.437	5.4	19.2
3 12	9 49.68	+ 9 47.0	1.513	2.447	10.1	19.5
3 22	9 42.95	+10 3.2	1.587	2.457	14.2	19.8

349361 2007 VQ_{191} 2 20.0 301°.28 6°.7/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.32	− 8 3.1	2.375	3.056	15.1	20.3
1 22	10 31.54	− 9 3.8	2.263	3.043	13.1	20.2
2 1	10 25.69	− 9 48.5	2.171	3.030	10.8	20.0
2 11	10 18.18	−10 14.8	2.103	3.017	8.5	19.8
2 21	10 9.67	−10 21.7	2.061	3.004	6.9	19.7
3 2	10 0.97	−10 10.0	2.047	2.991	7.0	19.7
3 12	9 53.02	− 9 43.3	2.060	2.978	8.8	19.7
3 22	9 46.58	− 9 6.8	2.099	2.966	11.3	19.9

496731 2016 GZ_{183} 2 20.0 350°.74 0°.8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.11	+ 9 42.4	1.966	2.748	14.8	20.9
1 22	10 30.09	+10 28.5	1.877	2.747	11.6	20.7
2 1	10 24.79	+11 29.0	1.811	2.747	7.9	20.4
2 11	10 17.74	+12 39.2	1.770	2.747	3.7	20.2
2 21	10 9.72	+13 52.5	1.759	2.746	1.1	20.0
3 2	10 1.70	+15 1.9	1.776	2.746	5.2	20.3
3 12	9 54.71	+16 0.9	1.821	2.746	9.3	20.5
3 22	9 49.51	+16 45.5	1.890	2.746	12.8	20.7

310446 2000 GR_{163} 2 20.0 307°.13 1°.0/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.34	+ 7 34.3	1.578	2.373	17.2	19.9
1 22	10 28.78	+ 8 39.9	1.470	2.347	13.8	19.6
2 1	10 24.48	+10 10.2	1.383	2.322	9.5	19.3
2 11	10 17.85	+12 0.3	1.320	2.297	4.5	18.9
2 21	10 9.69	+14 1.4	1.285	2.273	1.4	18.6
3 2	10 1.18	+16 1.5	1.277	2.248	6.7	18.9
3 12	9 53.72	+17 48.9	1.295	2.224	11.9	19.1
3 22	9 48.44	+19 15.0	1.336	2.201	16.6	19.3

39308 2001 TP_{57} 2 20.0 27°.31 1°.1/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.29	+12 33.7	2.189	2.970	13.5	19.7
1 22	10 30.71	+12 57.8	2.102	2.972	10.6	19.5
2 1	10 25.04	+13 31.2	2.038	2.975	7.1	19.3
2 11	10 17.80	+14 9.8	2.001	2.977	3.4	19.1
2 21	10 9.72	+14 48.8	1.993	2.980	1.3	19.0
3 2	10 1.71	+15 23.2	2.014	2.982	4.9	19.2
3 12	9 54.66	+15 48.8	2.062	2.985	8.5	19.4
3 22	9 49.28	+16 3.5	2.136	2.988	11.7	19.6

488505 2000 SA_{241} 2 20.0 143°.02 11°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.97	−22 36.9	2.069	2.657	19.3	21.6
1 22	10 33.17	−23 29.9	1.980	2.668	17.6	21.4
2 1	10 26.93	−23 54.4	1.906	2.677	15.6	21.3
2 11	10 18.81	−23 45.6	1.851	2.686	13.5	21.2
2 21	10 9.61	−23 1.3	1.817	2.695	11.8	21.1
3 2	10 0.40	−21 43.3	1.808	2.702	11.1	21.0
3 12	9 52.28	−19 58.4	1.824	2.710	11.6	21.1
3 22	9 46.08	−17 56.4	1.864	2.716	13.2	21.2

376824 2001 FN_{11} 2 20.0 322°.63 5°.1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.65	+21 26.1	1.644	2.458	15.8	20.2
1 22	10 32.93	+22 8.7	1.548	2.435	12.6	19.9
2 1	10 27.25	+22 57.5	1.472	2.413	8.9	19.7
2 11	10 19.14	+23 44.8	1.422	2.391	5.7	19.4
2 21	10 9.56	+24 21.8	1.397	2.370	5.6	19.4
3 2	9 59.85	+24 41.2	1.399	2.350	8.9	19.5
3 12	9 51.43	+24 38.8	1.426	2.330	13.0	19.7
3 22	9 45.38	+24 14.2	1.473	2.311	16.8	19.9

489910 2008 OP_{20} 2 20.0 235°.56 0°.5/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.49	+ 6 25.5	1.635	2.410	17.5	22.2
1 22	10 34.18	+ 6 55.3	1.537	2.400	14.1	21.9
2 1	10 28.02	+ 7 45.0	1.459	2.390	9.9	21.7
2 11	10 19.50	+ 8 51.1	1.405	2.379	5.0	21.3
2 21	10 9.53	+10 7.0	1.379	2.367	0.6	21.0
3 2	9 59.40	+11 24.3	1.381	2.355	5.7	21.3
3 12	9 50.46	+12 34.0	1.409	2.343	10.7	21.6
3 22	9 43.79	+13 29.9	1.462	2.330	15.2	21.8

178632 2000 HD_{31} 2 20.0 281°.05 3°.3/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.11	+ 0 38.9	1.810	2.561	17.0	20.4
1 22	10 31.19	+ 0 35.6	1.707	2.549	14.0	20.2
2 1	10 25.78	+ 0 52.3	1.624	2.538	10.4	19.9
2 11	10 18.33	+ 1 28.4	1.565	2.526	6.4	19.7
2 21	10 9.66	+ 2 20.7	1.533	2.515	3.4	19.5
3 2	10 0.85	+ 3 23.7	1.528	2.503	5.2	19.5
3 12	9 53.04	+ 4 29.9	1.551	2.492	9.3	19.8
3 22	9 47.19	+ 5 32.1	1.598	2.480	13.4	20.0

408183 2013 EK_{4} 2 20.0 359°.24 1°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.82	+ 7 48.7	1.314	2.111	19.9	20.7
1 22	10 34.13	+ 7 37.7	1.234	2.110	16.0	20.4
2 1	10 28.17	+ 7 44.1	1.173	2.109	11.2	20.2
2 11	10 19.59	+ 8 5.2	1.134	2.108	5.8	19.9
2 21	10 9.54	+ 8 35.9	1.120	2.108	1.2	19.5
3 2	9 59.53	+ 9 9.1	1.132	2.109	6.1	19.9
3 12	9 51.14	+ 9 37.6	1.168	2.110	11.5	20.2
3 22	9 45.46	+ 9 56.4	1.226	2.112	16.3	20.4

216623 2002 WZ_{27} 2 20.0 172°.70 0°.6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.63	+10 15.4	2.219	2.985	13.8	21.9
1 22	10 33.31	+10 49.1	2.127	2.988	10.8	21.7
2 1	10 26.82	+11 34.4	2.059	2.991	7.4	21.5
2 11	10 18.68	+12 27.3	2.018	2.993	3.5	21.2
2 21	10 9.64	+13 22.3	2.007	2.995	0.9	21.0
3 2	10 0.63	+14 13.9	2.026	2.996	4.7	21.3
3 12	9 52.59	+14 57.1	2.074	2.996	8.5	21.6
3 22	9 46.26	+15 28.8	2.147	2.996	11.8	21.8

150885 2001 SF_{244} 2 20.0 121°.73 0°.7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.63	+ 9 49.0	2.135	2.904	14.1	21.2
1 22	10 32.51	+10 33.2	2.056	2.919	11.1	21.0
2 1	10 26.24	+11 29.8	2.001	2.934	7.5	20.8
2 11	10 18.37	+12 34.2	1.972	2.948	3.5	20.6
2 21	10 9.69	+13 40.2	1.973	2.961	1.0	20.4
3 2	10 1.14	+14 41.7	2.005	2.974	4.8	20.7
3 12	9 53.63	+15 33.5	2.065	2.987	8.5	20.9
3 22	9 47.86	+16 12.4	2.150	2.999	11.8	21.2

30216 Summerjohnson 2 20.0 199°.02 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.25	+ 6 53.9	1.820	2.589	16.2	18.8
1 22	10 33.59	+ 7 34.1	1.726	2.587	13.0	18.6
2 1	10 27.36	+ 8 32.4	1.653	2.584	9.0	18.4
2 11	10 19.08	+ 9 44.5	1.606	2.580	4.4	18.1
2 21	10 9.60	+11 4.0	1.587	2.576	0.4	17.7
3 2	10 0.07	+12 22.7	1.597	2.571	5.3	18.1
3 12	9 51.66	+13 32.9	1.636	2.565	9.8	18.4
3 22	9 45.28	+14 29.2	1.699	2.559	13.8	18.6

270491 2002 ET_{115} 2 20.0 322°.37 5°.0/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.50	+20 28.4	1.627	2.443	15.9	20.4
1 22	10 31.98	+21 24.7	1.537	2.426	12.5	20.1
2 1	10 26.56	+22 29.0	1.468	2.409	8.8	19.8
2 11	10 18.79	+23 33.3	1.424	2.394	5.6	19.6
2 21	10 9.63	+24 28.1	1.406	2.379	5.6	19.6
3 2	10 0.38	+25 5.2	1.415	2.364	8.9	19.7
3 12	9 52.43	+25 19.8	1.448	2.350	12.9	19.9
3 22	9 46.83	+25 11.2	1.502	2.337	16.7	20.1

369445 2010 BF_{39} 2 20.0 131°.02 5°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.96	− 5 10.5	2.136	2.841	16.0	21.0
1 22	10 32.08	− 5 38.7	2.044	2.847	13.5	20.8
2 1	10 26.03	− 5 47.9	1.972	2.853	10.6	20.6
2 11	10 18.32	− 5 37.2	1.923	2.859	7.6	20.4
2 21	10 9.70	− 5 7.9	1.902	2.865	5.5	20.3
3 2	10 1.09	− 4 23.4	1.909	2.871	5.9	20.4
3 12	9 53.44	− 3 29.5	1.944	2.876	8.4	20.5
3 22	9 47.49	− 2 32.3	2.005	2.881	11.3	20.7

496787 2017 FN_{106} 2 20.0 283°.56 4°.1/17.3 17

1 12	10 39.09	+17 29.8	1.493	2.301	17.4	21.7
1 22	10 36.02	+18 16.8	1.393	2.278	13.9	21.4
2 1	10 29.65	+19 15.9	1.314	2.256	9.6	21.1
2 11	10 20.46	+20 19.5	1.259	2.233	5.4	20.8
2 21	10 9.45	+21 17.6	1.230	2.210	4.6	20.7
3 2	9 58.13	+22 0.6	1.228	2.187	8.8	20.8
3 12	9 48.18	+22 21.9	1.250	2.164	13.7	21.0
3 22	9 40.90	+22 19.7	1.294	2.140	18.2	21.3

81436 2000 GC_{110} 2 20.0 34°.78 5°.9/16.3 18

1 12	10 39.28	+22 22.8	1.381	2.201	17.9	19.0
1 22	10 35.85	+23 14.7	1.322	2.212	14.1	18.8
2 1	10 29.12	+24 10.8	1.284	2.224	10.0	18.6
2 11	10 19.92	+25 1.0	1.269	2.237	6.5	18.5
2 21	10 9.55	+25 35.9	1.280	2.251	6.4	18.5
3 2	9 59.58	+25 48.7	1.317	2.265	9.6	18.7
3 12	9 51.48	+25 37.4	1.377	2.279	13.5	19.0
3 22	9 46.15	+25 4.1	1.458	2.294	17.0	19.2

436936 2012 TB_{127} 2 20.1 186°.83 1°.6/18.4 17

1 12	10 34.72	+13 59.4	2.514	3.290	12.1	21.9
1 22	10 30.80	+14 35.0	2.421	3.289	9.4	21.7
2 1	10 25.00	+15 18.4	2.353	3.289	6.4	21.5
2 11	10 17.78	+16 5.6	2.313	3.288	3.1	21.3
2 21	10 9.78	+16 51.6	2.302	3.287	1.8	21.2
3 2	10 1.81	+17 31.9	2.322	3.286	4.8	21.4
3 12	9 54.66	+18 2.6	2.370	3.284	8.0	21.6
3 22	9 48.99	+18 21.7	2.444	3.282	10.9	21.8

171730 2000 WX_{50} 2 20.1 69°.28 13°.1/25.9 18

1 12	10 50.59	− 7 28.4	0.882	1.639	30.2	19.3
1 22	10 45.96	− 9 56.4	0.837	1.665	26.0	19.1
2 1	10 36.71	−11 50.2	0.804	1.690	21.3	18.9
2 11	10 23.81	−12 59.4	0.788	1.716	16.6	18.7
2 21	10 9.15	−13 18.7	0.792	1.741	13.5	18.7
3 2	9 55.14	−12 51.6	0.816	1.767	13.5	18.8
3 12	9 44.01	−11 51.4	0.862	1.792	16.2	19.0
3 22	9 37.01	−10 35.2	0.926	1.816	19.9	19.3

503458 2016 EN_{124} 2 20.1 237°.72 4°.0/23.9 17

1 12	10 34.06	− 3 38.7	2.274	2.987	14.9	22.0
1 22	10 30.61	− 3 36.3	2.162	2.975	12.6	21.8
2 1	10 25.10	− 3 14.6	2.070	2.962	9.7	21.6
2 11	10 17.93	− 2 33.5	2.002	2.949	6.6	21.4
2 21	10 9.76	− 1 35.3	1.963	2.936	4.2	21.2
3 2	10 1.46	− 0 24.2	1.953	2.922	5.0	21.2
3 12	9 53.93	+ 0 53.1	1.972	2.908	8.0	21.4
3 22	9 47.95	+ 2 10.1	2.017	2.893	11.3	21.5

328241 2008 FZ_{66} 2 20.1 242°.30 2°.1/21.9 17

1 12	10 35.26	+ 2 35.1	2.194	2.937	14.6	22.3
1 22	10 31.64	+ 2 46.0	2.083	2.924	11.9	22.0
2 1	10 25.84	+ 3 13.3	1.994	2.910	8.7	21.8
2 11	10 18.31	+ 3 55.5	1.931	2.895	5.0	21.6
2 21	10 9.73	+ 4 49.2	1.896	2.881	2.1	21.3
3 2	10 1.00	+ 5 49.3	1.891	2.866	4.4	21.5
3 12	9 53.09	+ 6 49.6	1.914	2.850	8.2	21.7
3 22	9 46.81	+ 7 44.9	1.964	2.834	11.8	21.8

430886 2005 QX_{148} 2 20.1 135°.35 4°.6/21.7 16

1 12	10 53.43	+ 5 18.9	1.276	2.037	22.3	21.1
1 22	10 47.35	+ 3 58.2	1.196	2.046	18.3	20.9
2 1	10 37.32	+ 2 51.1	1.136	2.054	13.5	20.6
2 11	10 24.10	+ 1 59.0	1.098	2.061	8.2	20.3
2 21	10 9.12	+ 1 22.5	1.087	2.068	4.6	20.2
3 2	9 54.33	+ 0 59.8	1.103	2.075	7.4	20.3
3 12	9 41.65	+ 0 46.8	1.146	2.080	12.5	20.6
3 22	9 32.35	+ 0 38.3	1.211	2.086	17.2	20.9

428761 2008 SN_{121} 2 20.1 68°.23 4°.5/16.4 18

1 12	10 39.60	+22 48.6	2.013	2.808	14.0	21.6
1 22	10 35.09	+23 27.9	1.940	2.817	11.0	21.4
2 1	10 28.11	+24 9.3	1.891	2.826	7.7	21.2
2 11	10 19.32	+24 46.0	1.869	2.834	5.1	21.0
2 21	10 9.64	+25 11.8	1.875	2.843	4.9	21.1
3 2	10 0.19	+25 21.9	1.909	2.852	7.5	21.2
3 12	9 52.03	+25 14.4	1.970	2.861	10.6	21.4
3 22	9 45.91	+24 50.2	2.054	2.870	13.5	21.6

502678 2015 CQ_{56} 2 20.1 45°.91 1°.0/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.42	+12 44.8	1.943	2.727	14.8	20.8
1 22	10 32.55	+12 59.2	1.868	2.739	11.6	20.7
2 1	10 26.36	+13 23.0	1.815	2.752	7.8	20.4
2 11	10 18.47	+13 51.9	1.788	2.764	3.7	20.2
2 21	10 9.73	+14 20.9	1.790	2.777	1.3	20.1
3 2	10 1.18	+14 45.0	1.820	2.791	5.1	20.4
3 12	9 53.81	+15 0.3	1.878	2.804	9.0	20.6
3 22	9 48.34	+15 4.9	1.961	2.818	12.4	20.9

103764 2000 CY_{139} 2 20.1 96°.69 0°.1/20.0 18

1 12	10 35.31	+ 9 18.5	2.185	2.953	13.9	20.4
1 22	10 31.47	+ 9 38.4	2.100	2.962	10.9	20.3
2 1	10 25.54	+10 9.6	2.039	2.971	7.5	20.1
2 11	10 18.06	+10 48.8	2.005	2.979	3.6	19.8
2 21	10 9.78	+11 31.2	1.999	2.988	0.4	19.6
3 2	10 1.59	+12 12.0	2.023	2.996	4.4	19.9
3 12	9 54.38	+12 46.4	2.075	3.004	8.1	20.1
3 22	9 48.84	+13 11.6	2.153	3.012	11.4	20.4

500587 2012 UX_{95} 2 20.1 89°.29 3°.6/23.9 17

1 12	10 32.14	− 2 42.0	2.435	3.152	14.0	21.9
1 22	10 28.80	− 2 42.8	2.343	3.159	11.6	21.8
2 1	10 23.64	− 2 26.7	2.271	3.166	8.8	21.6
2 11	10 17.13	− 1 54.3	2.225	3.173	5.9	21.4
2 21	10 9.88	− 1 8.1	2.206	3.180	3.7	21.3
3 2	10 2.67	− 0 12.1	2.217	3.186	4.4	21.3
3 12	9 56.25	+ 0 48.3	2.257	3.193	7.1	21.5
3 22	9 51.25	+ 1 47.9	2.323	3.200	9.9	21.7

461580 2004 PB_{72} 2 20.1 267°.99 1°.6/18.5 17

1 12	10 35.43	+11 45.3	2.140	2.918	13.8	22.0
1 22	10 32.02	+12 40.3	2.024	2.892	11.0	21.7
2 1	10 26.28	+13 49.5	1.930	2.866	7.5	21.5
2 11	10 18.61	+15 8.1	1.864	2.840	3.6	21.2
2 21	10 9.72	+16 29.6	1.827	2.812	2.0	21.0
3 2	10 0.54	+17 46.3	1.820	2.785	5.8	21.2
3 12	9 52.17	+18 51.5	1.841	2.756	9.9	21.4
3 22	9 45.50	+19 40.9	1.887	2.728	13.6	21.5

210396 2007 VY_{196} 2 20.1 114°.28 0°.4/20.4 18

1 12	10 37.92	+ 8 8.1	1.648	2.427	17.2	21.5
1 22	10 34.29	+ 8 20.8	1.565	2.431	13.8	21.3
2 1	10 27.90	+ 8 49.3	1.502	2.434	9.5	21.0
2 11	10 19.36	+ 9 29.9	1.464	2.438	4.8	20.8
2 21	10 9.65	+10 16.8	1.452	2.441	0.5	20.5
3 2	10 0.01	+11 3.2	1.469	2.444	5.4	20.8
3 12	9 51.69	+11 42.8	1.513	2.447	10.1	21.1
3 22	9 45.62	+12 11.3	1.580	2.450	14.2	21.3

214719 2006 TY_{9} 2 20.1 266°.78 6°.4/13.5 17

1 12	10 39.04	+30 52.2	2.433	3.224	12.0	20.2
1 22	10 34.47	+31 47.7	2.355	3.221	9.8	20.0
2 1	10 27.63	+32 40.4	2.302	3.217	7.7	19.9
2 11	10 19.10	+33 23.2	2.275	3.213	6.5	19.8
2 21	10 9.69	+33 50.0	2.276	3.210	6.9	19.8
3 2	10 0.41	+33 56.8	2.305	3.206	8.7	19.9
3 12	9 52.23	+33 42.6	2.359	3.203	11.0	20.1
3 22	9 45.89	+33 8.9	2.437	3.199	13.2	20.2

162578 2000 RJ_{92} 2 20.1 95°.78 1°.0/20.8 18

1 12	10 40.71	+ 6 49.7	1.650	2.419	17.6	20.0
1 22	10 36.27	+ 6 55.1	1.578	2.437	14.1	19.8
2 1	10 29.09	+ 7 16.5	1.526	2.455	9.8	19.6
2 11	10 19.86	+ 7 50.5	1.500	2.472	5.0	19.4
2 21	10 9.62	+ 8 31.8	1.501	2.489	1.1	19.1
3 2	9 59.62	+ 9 14.0	1.530	2.506	5.2	19.4
3 12	9 51.07	+ 9 51.1	1.587	2.522	9.7	19.7
3 22	9 44.82	+10 18.9	1.668	2.538	13.6	20.0

360052 2013 AE_{77} 2 20.1 48°.81 6°.1/21.9 18

1 12	10 54.19	+ 4 32.4	1.294	2.050	22.3	20.0
1 22	10 47.70	+ 2 30.3	1.221	2.064	18.4	19.8
2 1	10 37.38	+ 0 39.3	1.166	2.078	13.8	19.5
2 11	10 24.05	− 0 56.3	1.136	2.092	9.1	19.3
2 21	10 9.18	− 2 13.0	1.132	2.107	6.2	19.2
3 2	9 54.65	− 3 9.3	1.157	2.122	8.2	19.3
3 12	9 42.30	− 3 47.9	1.207	2.138	12.4	19.6
3 22	9 33.28	− 4 13.8	1.281	2.154	16.6	19.9

127701 2003 EJ_{24} 2 20.1 30°.25 2°.0/18.8 18

1 12	10 34.27	+11 26.0	1.082	1.909	21.4	19.1
1 22	10 32.54	+12 7.4	1.025	1.920	16.8	18.9
2 1	10 27.22	+13 8.4	0.985	1.932	11.3	18.6
2 11	10 19.15	+14 20.8	0.967	1.946	5.4	18.3
2 21	10 9.69	+15 33.3	0.973	1.960	2.4	18.2
3 2	10 0.58	+16 34.6	1.003	1.976	7.8	18.5
3 12	9 53.45	+17 16.6	1.056	1.992	13.2	18.9
3 22	9 49.32	+17 36.2	1.129	2.009	17.9	19.2

105294 2000 QG_{50} 2 20.1 204°.59 0°.4/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.97	+ 9 14.2	1.726	2.506	16.6	20.6
1 22	10 34.31	+ 9 43.0	1.636	2.503	13.2	20.3
2 1	10 27.94	+10 27.5	1.566	2.500	9.1	20.1
2 11	10 19.42	+11 23.2	1.522	2.497	4.4	19.8
2 21	10 9.66	+12 23.8	1.505	2.494	0.7	19.5
3 2	9 59.88	+13 21.6	1.517	2.490	5.6	19.8
3 12	9 51.32	+14 9.9	1.556	2.486	10.3	20.1
3 22	9 44.93	+14 44.5	1.619	2.481	14.3	20.3

95171 2002 AT_{188} 2 20.1 141°.07 3°.1/22.7 18

1 12	10 38.47	+ 0 7.1	1.895	2.631	16.8	20.3
1 22	10 34.29	+ 0 11.6	1.809	2.642	13.8	20.1
2 1	10 27.67	+ 0 35.8	1.744	2.653	10.1	19.9
2 11	10 19.19	+ 1 18.2	1.703	2.662	6.2	19.7
2 21	10 9.70	+ 2 15.1	1.690	2.671	3.2	19.5
3 2	10 0.29	+ 3 20.5	1.706	2.680	4.9	19.6
3 12	9 52.02	+ 4 27.1	1.751	2.688	8.7	19.9
3 22	9 45.72	+ 5 28.6	1.821	2.695	12.4	20.1

284554 2007 RM_{324} 2 20.1 208°.72 1°.3/18.8 17

1 12	10 34.45	+13 13.6	2.498	3.273	12.2	21.0
1 22	10 30.63	+13 43.3	2.404	3.271	9.5	20.8
2 1	10 24.92	+14 21.1	2.333	3.268	6.4	20.6
2 11	10 17.78	+15 3.3	2.290	3.266	3.1	20.4
2 21	10 9.86	+15 45.3	2.277	3.263	1.5	20.3
3 2	10 1.95	+16 22.4	2.294	3.260	4.6	20.5
3 12	9 54.86	+16 51.0	2.339	3.257	7.9	20.7
3 22	9 49.24	+17 8.9	2.410	3.254	10.9	20.9

217881 2001 QZ_{285} 2 20.1 231°.17 2°.0/21.7 17

1 12	10 37.22	+ 3 46.0	2.151	2.896	14.8	20.9
1 22	10 33.21	+ 3 46.1	2.043	2.885	12.0	20.7
2 1	10 26.94	+ 4 0.9	1.957	2.875	8.7	20.4
2 11	10 18.87	+ 4 29.2	1.897	2.863	5.0	20.2
2 21	10 9.73	+ 5 7.6	1.866	2.851	2.0	20.0
3 2	10 0.48	+ 5 51.7	1.864	2.839	4.5	20.1
3 12	9 52.11	+ 6 36.1	1.891	2.826	8.3	20.3
3 22	9 45.44	+ 7 15.8	1.944	2.813	12.0	20.5

169197 2001 RT_{61} 2 20.1 30°.86 4°.7/16.1 18

1 12	10 37.86	+23 26.0	2.080	2.878	13.5	19.8
1 22	10 33.72	+24 7.5	2.004	2.882	10.6	19.6
2 1	10 27.21	+24 50.9	1.952	2.886	7.6	19.4
2 11	10 18.92	+25 29.5	1.926	2.890	5.1	19.3
2 21	10 9.74	+25 57.0	1.928	2.895	5.1	19.3
3 2	10 0.74	+26 8.8	1.959	2.899	7.5	19.4
3 12	9 52.93	+26 2.8	2.016	2.904	10.6	19.6
3 22	9 47.07	+25 39.7	2.096	2.909	13.4	19.8

239449 2007 TW_{207} 2 20.1 54°.30 3°.1/17.0 18

1 12	10 33.56	+16 15.6	2.014	2.811	13.9	19.9
1 22	10 30.31	+17 21.2	1.947	2.827	10.8	19.7
2 1	10 24.84	+18 35.3	1.902	2.843	7.3	19.5
2 11	10 17.76	+19 51.1	1.885	2.859	4.0	19.3
2 21	10 9.86	+21 1.3	1.897	2.875	3.5	19.3
3 2	10 2.13	+21 59.2	1.937	2.892	6.4	19.5
3 12	9 55.51	+22 40.7	2.004	2.908	9.8	19.8
3 22	9 50.68	+23 4.2	2.095	2.925	12.8	20.0

185415 2006 WL_{171} 2 20.1 353°.35 0°.1/19.9 18

1 12	10 34.09	+ 8 49.5	1.574	2.366	17.4	20.4
1 22	10 31.47	+ 9 12.3	1.489	2.364	13.8	20.1
2 1	10 26.10	+ 9 51.9	1.425	2.362	9.5	19.9
2 11	10 18.55	+10 44.0	1.384	2.360	4.6	19.6
2 21	10 9.77	+11 42.0	1.371	2.359	0.6	19.3
3 2	10 1.01	+12 38.2	1.384	2.359	5.7	19.6
3 12	9 53.55	+13 25.3	1.423	2.359	10.5	19.9
3 22	9 48.32	+13 58.8	1.486	2.359	14.7	20.1

221172 2005 TE_{171} 2 20.1 259°.25 5°.5/24.2 18

1 12	10 36.91	− 3 30.7	1.921	2.641	17.1	19.9
1 22	10 33.19	− 4 13.4	1.824	2.639	14.4	19.7
2 1	10 27.03	− 4 37.5	1.747	2.637	11.3	19.5
2 11	10 18.94	− 4 41.7	1.693	2.635	8.0	19.3
2 21	10 9.73	− 4 26.5	1.666	2.632	5.7	19.2
3 2	10 0.45	− 3 54.9	1.666	2.630	6.3	19.2
3 12	9 52.20	− 3 12.5	1.694	2.628	9.2	19.4
3 22	9 45.85	− 2 25.8	1.746	2.625	12.6	19.6

24056 1999 TT_{73} 2 20.1 54°.73 0°.9/19.4 18

1 12	10 38.86	+11 14.1	1.410	2.208	18.7	19.2
1 22	10 35.26	+11 34.7	1.347	2.226	14.7	19.0
2 1	10 28.61	+12 9.8	1.305	2.244	10.0	18.8
2 11	10 19.68	+12 53.6	1.286	2.262	4.7	18.5
2 21	10 9.67	+13 38.8	1.293	2.281	1.3	18.3
3 2	10 0.00	+14 17.8	1.327	2.300	6.2	18.7
3 12	9 52.02	+14 44.9	1.387	2.319	11.0	19.0
3 22	9 46.59	+14 57.5	1.469	2.338	15.1	19.3

133127 2003 PY_3 2 20.1 154°.02 0°.8/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.04	+ 6 31.4	2.035	2.791	15.2	21.0
1 22	10 34.58	+ 6 51.2	1.947	2.800	12.1	20.8
2 1	10 27.79	+ 7 25.6	1.882	2.807	8.4	20.6
2 11	10 19.23	+ 8 11.4	1.843	2.814	4.3	20.4
2 21	10 9.71	+ 9 3.5	1.832	2.821	0.8	20.1
3 2	10 0.26	+ 9 56.3	1.852	2.827	4.6	20.4
3 12	9 51.91	+10 44.1	1.901	2.832	8.6	20.6
3 22	9 45.41	+11 22.7	1.975	2.836	12.2	20.9

30907 1993 FD_{47} 2 20.1 306°.52 0°.1/20.1 18

1 12	10 32.71	+ 8 41.2	2.205	2.977	13.7	19.6
1 22	10 29.58	+ 9 2.6	2.105	2.968	10.9	19.4
2 1	10 24.39	+ 9 36.4	2.027	2.959	7.5	19.1
2 11	10 17.59	+10 19.4	1.976	2.951	3.7	18.9
2 21	10 9.88	+11 7.3	1.954	2.942	0.4	18.6
3 2	10 2.12	+11 54.6	1.960	2.934	4.4	18.9
3 12	9 55.22	+12 36.4	1.995	2.926	8.3	19.1
3 22	9 49.91	+13 8.9	2.055	2.918	11.7	19.3

129157 2005 ET_{305} 2 20.1 263°.63 0°.4/19.8 17

1 12	10 36.38	+ 9 11.9	1.814	2.593	15.9	20.9
1 22	10 33.08	+ 9 39.7	1.710	2.577	12.7	20.7
2 1	10 27.16	+10 23.1	1.628	2.562	8.8	20.4
2 11	10 19.09	+11 18.2	1.571	2.546	4.3	20.1
2 21	10 9.71	+12 19.0	1.541	2.530	0.7	19.8
3 2	10 0.15	+13 18.3	1.541	2.513	5.5	20.1
3 12	9 51.64	+14 9.1	1.567	2.497	10.2	20.3
3 22	9 45.16	+14 46.9	1.617	2.480	14.3	20.5

145307 2005 KA_{12} 2 20.1 165°.55 0°.1/20.2 18

1 12	10 37.03	+ 7 33.3	2.389	3.142	13.2	21.0
1 22	10 32.68	+ 8 9.3	2.296	3.149	10.5	20.9
2 1	10 26.33	+ 8 58.1	2.227	3.154	7.2	20.7
2 11	10 18.48	+ 9 56.1	2.186	3.159	3.6	20.4
2 21	10 9.81	+10 58.5	2.174	3.163	0.3	20.2
3 2	10 1.16	+11 59.7	2.194	3.166	4.2	20.5
3 12	9 53.40	+12 54.6	2.243	3.169	7.8	20.7
3 22	9 47.19	+13 39.6	2.319	3.171	10.9	20.9

119587 2001 VA_{110} 2 20.1 190°.76 1°.1/19.1 18

1 12	10 37.57	+12 4.7	2.365	3.133	13.0	21.1
1 22	10 33.19	+12 37.1	2.269	3.131	10.2	20.9
2 1	10 26.74	+13 19.1	2.196	3.130	6.9	20.7
2 11	10 18.70	+14 6.8	2.152	3.127	3.3	20.5
2 21	10 9.78	+14 55.0	2.137	3.124	1.3	20.3
3 2	10 0.86	+15 38.7	2.153	3.120	4.7	20.5
3 12	9 52.83	+16 13.6	2.198	3.116	8.3	20.8
3 22	9 46.41	+16 37.1	2.268	3.111	11.5	20.9

465965 2011 BG_{120} 2 20.1 12°.82 1°.8/21.1 18

1 12	10 39.39	+ 7 42.7	1.634	2.410	17.5	21.1
1 22	10 35.46	+ 7 10.2	1.549	2.411	14.1	20.9
2 1	10 28.71	+ 6 50.3	1.485	2.414	10.0	20.6
2 11	10 19.79	+ 6 41.4	1.446	2.416	5.4	20.4
2 21	10 9.68	+ 6 40.6	1.433	2.420	1.8	20.1
3 2	9 59.66	+ 6 44.1	1.448	2.423	5.3	20.4
3 12	9 51.01	+ 6 47.4	1.489	2.428	9.8	20.6
3 22	9 44.66	+ 6 47.1	1.555	2.433	13.9	20.9

359197 2009 DD_{20} 2 20.1 29°.72 1°.3/19.2 18

1 12	10 33.88	+10 18.5	1.175	1.993	20.5	20.5
1 22	10 31.98	+10 55.5	1.114	2.004	16.1	20.2
2 1	10 26.72	+11 52.1	1.072	2.017	10.9	20.0
2 11	10 18.90	+13 1.1	1.052	2.030	5.2	19.7
2 21	10 9.78	+14 12.5	1.057	2.044	1.7	19.5
3 2	10 0.96	+15 15.7	1.086	2.060	7.1	19.9
3 12	9 53.95	+16 2.4	1.139	2.076	12.4	20.2
3 22	9 49.73	+16 29.0	1.213	2.093	16.9	20.5

251714 1997 GK_5 2 20.1 309°.33 0°.1/20.2 17

1 12	10 34.97	+ 8 44.6	1.536	2.328	17.7	21.3
1 22	10 32.40	+ 8 57.3	1.440	2.314	14.2	21.0
2 1	10 26.93	+ 9 26.9	1.364	2.301	9.9	20.7
2 11	10 19.07	+10 9.7	1.312	2.288	4.9	20.4
2 21	10 9.75	+11 0.0	1.286	2.275	0.5	20.0
3 2	10 0.29	+11 50.2	1.287	2.263	5.9	20.4
3 12	9 52.08	+12 32.8	1.314	2.251	11.0	20.6
3 22	9 46.20	+13 2.7	1.363	2.239	15.6	20.9

377163 2003 SA_{335} 2 20.1 138°.97 1°.3/18.8 17

1 12	10 36.06	+12 49.6	2.337	3.111	12.9	22.3
1 22	10 31.96	+13 22.7	2.252	3.118	10.1	22.1
2 1	10 25.85	+14 4.7	2.190	3.125	6.8	21.9
2 11	10 18.25	+14 51.4	2.156	3.132	3.3	21.7
2 21	10 9.86	+15 37.6	2.152	3.138	1.5	21.5
3 2	10 1.55	+16 18.4	2.178	3.144	4.8	21.8
3 12	9 54.18	+16 49.9	2.232	3.150	8.2	22.0
3 22	9 48.40	+17 9.9	2.312	3.156	11.3	22.2

256343 2006 XA_{36} 2 20.1 86°.26 0°.8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.48	+ 8 10.7	1.769	2.550	16.2	19.9
1 22	10 31.36	+ 9 14.9	1.693	2.562	12.7	19.7
2 1	10 25.76	+10 36.8	1.639	2.574	8.6	19.5
2 11	10 18.30	+12 10.4	1.611	2.587	4.1	19.3
2 21	10 9.86	+13 47.3	1.611	2.599	1.2	19.1
3 2	10 1.53	+15 18.4	1.641	2.611	5.6	19.4
3 12	9 54.40	+16 36.1	1.698	2.623	9.8	19.7
3 22	9 49.27	+17 35.9	1.779	2.635	13.5	19.9

384929 2012 TR_{89} 2 20.1 111°.00 1°.5/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.16	+ 3 54.8	2.668	3.406	12.4	21.6
1 22	10 30.14	+ 4 3.7	2.582	3.420	9.9	21.5
2 1	10 24.44	+ 4 24.5	2.519	3.434	7.1	21.3
2 11	10 17.51	+ 4 55.4	2.483	3.448	4.0	21.1
2 21	10 9.96	+ 5 33.3	2.476	3.462	1.6	21.0
3 2	10 2.49	+ 6 14.5	2.501	3.475	3.5	21.1
3 12	9 55.80	+ 6 54.7	2.554	3.488	6.5	21.3
3 22	9 50.45	+ 7 30.7	2.635	3.501	9.3	21.5

206808 2004 DU_{55} 2 20.1 99°.00 0°.1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.06	+ 8 48.9	2.293	3.059	13.3	21.3
1 22	10 30.47	+ 9 8.4	2.202	3.062	10.6	21.1
2 1	10 24.89	+ 9 39.3	2.134	3.064	7.3	20.9
2 11	10 17.81	+10 18.3	2.092	3.066	3.6	20.7
2 21	10 9.92	+11 1.4	2.080	3.069	0.3	20.4
3 2	10 2.07	+11 43.5	2.097	3.071	4.2	20.7
3 12	9 55.11	+12 20.1	2.143	3.073	7.8	20.9
3 22	9 49.71	+12 48.2	2.215	3.075	11.1	21.2

461341 1995 SC_{41} 2 20.1 233°.05 1°.1/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.47	+ 4 21.3	2.394	3.141	13.4	22.5
1 22	10 30.84	+ 4 49.0	2.283	3.129	10.8	22.2
2 1	10 25.22	+ 5 31.7	2.195	3.116	7.7	22.0
2 11	10 18.02	+ 6 27.3	2.134	3.103	4.1	21.8
2 21	10 9.90	+ 7 31.6	2.102	3.089	1.1	21.5
3 2	10 1.65	+ 8 39.2	2.100	3.075	4.0	21.7
3 12	9 54.15	+ 9 44.3	2.128	3.060	7.7	21.9
3 22	9 48.13	+10 42.1	2.182	3.045	11.1	22.1

66897 1999 VZ_{113} 2 20.1 73°.17 3°.7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.76	− 0 16.2	2.001	2.737	16.0	19.4
1 22	10 32.05	− 0 35.5	1.915	2.745	13.2	19.2
2 1	10 26.09	− 0 37.5	1.849	2.754	9.9	19.0
2 11	10 18.43	− 0 22.5	1.808	2.762	6.4	18.8
2 21	10 9.86	+ 0 7.0	1.794	2.771	3.9	18.6
3 2	10 1.36	+ 0 46.8	1.808	2.780	5.0	18.7
3 12	9 53.90	+ 1 31.3	1.851	2.789	8.3	18.9
3 22	9 48.22	+ 2 14.9	1.919	2.797	11.6	19.2

320888 2008 GW_{48} 2 20.1 341°.42 2°.6/18.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.82	+14 42.5	1.412	2.225	17.9	21.3
1 22	10 32.50	+15 11.6	1.328	2.217	14.2	21.0
2 1	10 27.08	+15 53.4	1.265	2.209	9.7	20.8
2 11	10 19.15	+16 41.5	1.226	2.203	4.8	20.5
2 21	10 9.78	+17 27.6	1.211	2.197	3.0	20.3
3 2	10 0.42	+18 3.4	1.223	2.191	7.4	20.6
3 12	9 52.54	+18 22.9	1.259	2.187	12.3	20.8
3 22	9 47.23	+18 23.9	1.317	2.183	16.7	21.1

326413 2001 SU_{323} 2 20.1 80°.90 0°.6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.93	+12 7.7	1.877	2.647	15.8	21.1
1 22	10 38.30	+12 12.0	1.813	2.675	12.4	21.0
2 1	10 30.19	+12 25.5	1.772	2.704	8.4	20.8
2 11	10 20.32	+12 44.2	1.757	2.732	4.0	20.6
2 21	10 9.70	+13 3.2	1.772	2.760	0.9	20.4
3 2	9 59.46	+13 18.1	1.816	2.787	5.0	20.7
3 12	9 50.67	+13 25.5	1.889	2.814	9.0	21.0
3 22	9 44.02	+13 23.9	1.987	2.840	12.4	21.3

284162 2005 YE_{70} 2 20.1 75°.23 0°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.33	+ 9 54.9	1.894	2.670	15.4	21.1
1 22	10 33.37	+10 8.9	1.816	2.682	12.2	20.9
2 1	10 27.02	+10 35.0	1.761	2.694	8.3	20.7
2 11	10 18.88	+11 9.3	1.731	2.706	4.0	20.4
2 21	10 9.85	+11 46.8	1.729	2.718	0.5	20.2
3 2	10 0.96	+12 21.8	1.756	2.729	4.9	20.5
3 12	9 53.28	+12 49.7	1.811	2.741	9.0	20.8
3 22	9 47.54	+13 7.5	1.890	2.753	12.6	21.0

248063 2004 NE_{13} 2 20.1 234°.48 0°.6/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.42	+ 9 5.3	1.798	2.573	16.2	21.8
1 22	10 34.74	+ 9 42.5	1.696	2.561	12.9	21.5
2 1	10 28.35	+10 36.4	1.615	2.548	8.9	21.3
2 11	10 19.73	+11 42.5	1.559	2.534	4.3	21.0
2 21	10 9.75	+12 54.4	1.532	2.520	0.9	20.7
3 2	9 59.58	+14 3.8	1.533	2.505	5.7	21.0
3 12	9 50.50	+15 3.3	1.563	2.489	10.4	21.2
3 22	9 43.51	+15 48.2	1.616	2.473	14.6	21.4

362148 2009 DS_{111} 2 20.1 182°.22 1°.3/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.76	+ 3 35.8	2.211	2.954	14.5	21.8
1 22	10 32.71	+ 4 7.7	2.113	2.955	11.7	21.6
2 1	10 26.52	+ 4 56.3	2.037	2.956	8.3	21.4
2 11	10 18.66	+ 5 58.9	1.987	2.956	4.5	21.1
2 21	10 9.87	+ 7 10.8	1.967	2.955	1.3	20.9
3 2	10 1.05	+ 8 25.7	1.978	2.953	4.2	21.1
3 12	9 53.13	+ 9 37.2	2.018	2.950	8.1	21.3
3 22	9 46.86	+10 39.9	2.085	2.947	11.5	21.5

323897 2005 TM_{1} 2 20.1 136°.28 6°.9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.96	+30 2.0	2.106	2.896	13.6	21.0
1 22	10 38.59	+31 4.3	2.039	2.905	11.0	20.9
2 1	10 30.57	+32 3.6	1.996	2.913	8.6	20.7
2 11	10 20.60	+32 51.5	1.980	2.922	7.0	20.6
2 21	10 9.69	+33 20.9	1.991	2.930	7.4	20.7
3 2	9 59.05	+33 27.4	2.031	2.937	9.4	20.8
3 12	9 49.84	+33 10.3	2.096	2.944	11.9	21.0
3 22	9 42.84	+32 32.3	2.183	2.951	14.4	21.2

462639 2009 SS_{47} 2 20.1 243°.91 6°.1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.99	+27 54.2	2.238	3.023	13.1	21.9
1 22	10 38.71	+28 46.1	2.141	3.007	10.6	21.7
2 1	10 30.80	+29 37.7	2.069	2.991	8.0	21.5
2 11	10 20.82	+30 21.3	2.024	2.973	6.2	21.4
2 21	10 9.66	+30 49.9	2.007	2.956	6.5	21.4
3 2	9 58.46	+30 58.0	2.019	2.937	8.8	21.5
3 12	9 48.43	+30 43.9	2.058	2.919	11.6	21.6
3 22	9 40.46	+30 9.1	2.119	2.899	14.4	21.8

136387 2004 GJ_{34} 2 20.1 359°.47 2°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.38	+ 6 23.0	1.884	2.645	16.1	19.3
1 22	10 35.11	+ 5 36.1	1.792	2.643	13.0	19.0
2 1	10 28.33	+ 4 59.8	1.721	2.642	9.4	18.8
2 11	10 19.59	+ 4 33.8	1.675	2.641	5.4	18.6
2 21	10 9.79	+ 4 16.4	1.657	2.642	2.5	18.4
3 2	10 0.02	+ 4 5.5	1.668	2.642	5.0	18.5
3 12	9 51.40	+ 3 57.6	1.707	2.644	8.9	18.8
3 22	9 44.79	+ 3 49.7	1.770	2.646	12.6	19.0

169607 2002 GM_{101} 2 20.1 7°.64 1°.5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.87	+12 15.9	1.398	2.203	18.5	19.9
1 22	10 34.04	+12 39.9	1.320	2.203	14.6	19.6
2 1	10 28.06	+13 18.6	1.262	2.204	10.0	19.4
2 11	10 19.61	+14 6.2	1.228	2.205	4.8	19.1
2 21	10 9.78	+14 55.0	1.219	2.207	1.8	18.9
3 2	10 0.05	+15 36.6	1.237	2.208	6.8	19.2
3 12	9 51.88	+16 4.6	1.279	2.211	11.8	19.5
3 22	9 46.31	+16 16.0	1.344	2.213	16.2	19.7

153174 2000 TZ_{64} 2 20.1 31°.81 1°.2/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.06	+ 5 51.6	1.659	2.438	17.2	20.1
1 22	10 31.20	+ 6 3.5	1.581	2.445	13.8	19.9
2 1	10 25.76	+ 6 33.0	1.522	2.452	9.6	19.7
2 11	10 18.36	+ 7 16.8	1.488	2.460	5.1	19.4
2 21	10 9.92	+ 8 9.6	1.481	2.469	1.2	19.2
3 2	10 1.58	+ 9 4.5	1.501	2.478	5.0	19.5
3 12	9 54.49	+ 9 54.5	1.548	2.487	9.5	19.8
3 22	9 49.49	+10 34.6	1.618	2.496	13.5	20.0

191250 2003 AL_{69} 2 20.1 87°.16 4°.5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.57	− 0 57.3	1.470	2.221	20.2	20.5
1 22	10 35.77	− 1 15.1	1.399	2.238	16.7	20.3
2 1	10 29.00	− 1 9.0	1.346	2.255	12.5	20.1
2 11	10 19.97	− 0 39.4	1.316	2.273	8.0	19.8
2 21	10 9.77	+ 0 10.0	1.311	2.289	4.6	19.7
3 2	9 59.79	+ 1 12.1	1.333	2.306	6.1	19.8
3 12	9 51.36	+ 2 18.1	1.381	2.322	10.2	20.1
3 22	9 45.40	+ 3 20.0	1.453	2.339	14.2	20.4

264707 2002 AR_{194} 2 20.1 241°.13 2°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.99	+ 4 11.1	2.125	2.873	14.8	21.2
1 22	10 33.05	+ 4 3.3	2.020	2.864	12.1	20.9
2 1	10 26.86	+ 4 9.3	1.938	2.856	8.7	20.7
2 11	10 18.89	+ 4 28.1	1.881	2.847	5.0	20.5
2 21	10 9.88	+ 4 56.7	1.853	2.838	2.1	20.2
3 2	10 0.78	+ 5 30.8	1.854	2.828	4.5	20.4
3 12	9 52.59	+ 6 5.6	1.883	2.819	8.3	20.6
3 22	9 46.12	+ 6 36.6	1.938	2.809	11.9	20.8

88044 2000 UP_{111} 2 20.1 252°.99 2°.5/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.00	− 0 3.3	2.286	3.016	14.4	20.4
1 22	10 30.65	+ 0 20.0	2.167	2.998	11.9	20.2
2 1	10 25.22	+ 1 2.1	2.070	2.979	8.8	19.9
2 11	10 18.11	+ 2 2.0	1.999	2.959	5.4	19.7
2 21	10 9.96	+ 3 16.2	1.956	2.939	2.6	19.5
3 2	10 1.60	+ 4 39.1	1.943	2.918	4.3	19.6
3 12	9 53.97	+ 6 3.9	1.960	2.897	8.0	19.7
3 22	9 47.86	+ 7 23.9	2.004	2.875	11.6	19.9

237732 2001 WC_{93} 2 20.1 108°.16 2°.6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 43.70	+15 18.9	1.730	2.514	16.4	20.4
1 22	10 38.52	+16 2.0	1.665	2.537	12.7	20.2
2 1	10 30.59	+16 54.4	1.622	2.559	8.6	20.0
2 11	10 20.63	+17 49.2	1.606	2.580	4.3	19.8
2 21	10 9.73	+18 38.7	1.618	2.601	3.0	19.7
3 2	9 59.16	+19 16.5	1.659	2.621	6.6	20.0
3 12	9 50.12	+19 38.6	1.728	2.640	10.6	20.3
3 22	9 43.43	+19 44.2	1.820	2.659	14.0	20.5

195237 2002 EV_{15} 2 20.1 256°.39 3°.8/23.4 17

1 12	10 35.18	− 1 25.9	2.240	2.963	14.9	20.6
1 22	10 31.59	− 1 40.1	2.127	2.948	12.4	20.4
2 1	10 25.87	− 1 37.6	2.034	2.933	9.5	20.2
2 11	10 18.42	− 1 18.2	1.967	2.918	6.3	20.0
2 21	10 9.94	− 0 43.7	1.927	2.902	4.0	19.8
3 2	10 1.29	+ 0 2.3	1.916	2.886	5.0	19.8
3 12	9 53.43	+ 0 54.6	1.934	2.870	8.1	20.0
3 22	9 47.14	+ 1 47.3	1.978	2.854	11.5	20.2

165346 2000 VH_{53} 2 20.1 56°.93 2°.7/21.9 18

1 12	10 38.35	+ 3 58.3	1.482	2.254	19.2	20.3
1 22	10 34.88	+ 3 41.5	1.405	2.263	15.6	20.1
2 1	10 28.46	+ 3 43.8	1.348	2.272	11.2	19.8
2 11	10 19.75	+ 4 3.5	1.313	2.281	6.4	19.6
2 21	10 9.82	+ 4 36.6	1.305	2.290	2.8	19.4
3 2	10 0.02	+ 5 17.0	1.323	2.299	5.6	19.6
3 12	9 51.72	+ 5 57.5	1.367	2.309	10.2	19.9
3 22	9 45.85	+ 6 32.2	1.435	2.319	14.5	20.1

384186 2009 BT_{90} 2 20.1 117°.61 1°.2/18.7 18

1 12	10 33.18	+11 27.7	2.522	3.294	12.1	21.0
1 22	10 29.59	+12 23.2	2.439	3.305	9.5	20.9
2 1	10 24.19	+13 28.9	2.381	3.316	6.3	20.7
2 11	10 17.47	+14 40.0	2.351	3.327	3.0	20.5
2 21	10 10.05	+15 51.3	2.351	3.337	1.5	20.4
3 2	10 2.70	+16 57.0	2.382	3.347	4.5	20.6
3 12	9 56.16	+17 52.7	2.442	3.357	7.7	20.8
3 22	9 51.03	+18 35.7	2.527	3.367	10.6	21.0

245518 2005 SR_{103} 2 20.1 100°.72 5°.4/16.1 18

1 12	10 41.15	+19 36.6	1.469	2.277	17.6	20.9
1 22	10 37.23	+20 56.1	1.406	2.292	13.8	20.7
2 1	10 30.10	+22 24.2	1.366	2.306	9.6	20.5
2 11	10 20.54	+23 50.2	1.350	2.319	6.0	20.4
2 21	10 9.75	+25 2.8	1.362	2.333	6.0	20.4
3 2	9 59.25	+25 53.5	1.400	2.346	9.3	20.6
3 12	9 50.49	+26 18.1	1.462	2.359	13.2	20.9
3 22	9 44.43	+26 17.6	1.546	2.371	16.8	21.1

34947 3298 $T\text{-}_1$ 2 20.1 347°.24 8°.8/28.6 18

1 12	10 24.18	−13 35.5	1.428	2.146	22.2	18.3
1 22	10 24.08	−13 44.1	1.333	2.134	19.6	18.1
2 1	10 21.33	−13 14.7	1.253	2.123	16.3	17.8
2 11	10 16.40	−12 2.5	1.192	2.113	12.8	17.6
2 21	10 10.14	−10 7.9	1.152	2.105	9.7	17.4
3 2	10 3.75	− 7 37.6	1.137	2.099	8.9	17.3
3 12	9 58.55	− 4 46.0	1.147	2.094	11.1	17.4
3 22	9 55.55	− 1 50.0	1.180	2.090	14.9	17.6

175571 2006 TQ_{25} 2 20.1 243°.53 0°.7/19.4 17

1 12	10 33.88	+11 24.3	2.504	3.275	12.2	20.7
1 22	10 30.22	+11 47.9	2.407	3.271	9.6	20.5
2 1	10 24.69	+12 20.6	2.333	3.267	6.6	20.3
2 11	10 17.75	+12 59.0	2.287	3.263	3.1	20.1
2 21	10 10.03	+13 39.0	2.271	3.258	0.9	19.9
3 2	10 2.31	+14 16.0	2.284	3.254	4.3	20.1
3 12	9 55.38	+14 46.2	2.326	3.250	7.6	20.3
3 22	9 49.88	+15 7.1	2.395	3.246	10.7	20.5

53475 2000 AH_{49} 2 20.1 98°.23 2°.2/21.6 18

1 12	10 42.03	+ 4 19.5	1.504	2.269	19.2	19.7
1 22	10 37.60	+ 4 16.2	1.434	2.288	15.5	19.5
2 1	10 30.20	+ 4 32.2	1.383	2.307	11.0	19.3
2 11	10 20.54	+ 5 4.9	1.357	2.325	6.1	19.1
2 21	10 9.76	+ 5 49.2	1.356	2.343	2.2	18.9
3 2	9 59.25	+ 6 38.1	1.384	2.360	5.5	19.1
3 12	9 50.34	+ 7 24.4	1.439	2.377	10.1	19.4
3 22	9 43.93	+ 8 2.4	1.517	2.393	14.3	19.7

133567 2003 UZ_{29} 2 20.1 77°.93 1°.3/18.9 18

1 12	10 35.93	+12 39.3	2.078	2.859	14.1	20.5
1 22	10 32.09	+13 11.0	2.002	2.872	11.0	20.3
2 1	10 26.07	+13 52.5	1.948	2.884	7.4	20.1
2 11	10 18.43	+14 39.1	1.921	2.897	3.5	19.9
2 21	10 9.98	+15 25.3	1.923	2.909	1.6	19.7
3 2	10 1.68	+16 5.6	1.954	2.922	5.1	20.0
3 12	9 54.45	+16 35.6	2.013	2.934	8.8	20.3
3 22	9 48.99	+16 53.4	2.097	2.947	12.0	20.5

64037 2001 SO_{193} 2 20.1 78°.74 0°.5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.62	+10 42.5	2.273	3.045	13.3	20.2
1 22	10 30.94	+11 4.0	2.185	3.050	10.5	20.0
2 1	10 25.24	+11 35.7	2.121	3.054	7.1	19.8
2 11	10 18.03	+12 13.9	2.083	3.059	3.4	19.6
2 21	10 10.02	+12 54.2	2.075	3.063	0.7	19.3
3 2	10 2.08	+13 31.7	2.096	3.067	4.4	19.6
3 12	9 55.06	+14 2.2	2.145	3.072	8.0	19.9
3 22	9 49.62	+14 23.1	2.220	3.076	11.2	20.1

443851 2001 QE_{261} 2 20.1 93°.05 3°.9/24.1 17

1 12	10 37.84	− 6 46.2	1.681	2.395	19.4	21.0
1 22	10 33.98	− 5 44.8	1.609	2.423	16.1	20.8
2 1	10 27.54	− 4 12.0	1.555	2.450	12.1	20.6
2 11	10 19.19	− 2 10.7	1.526	2.477	7.8	20.4
2 21	10 9.91	+ 0 11.2	1.525	2.503	4.2	20.3
3 2	10 0.87	+ 2 42.4	1.555	2.529	5.3	20.4
3 12	9 53.18	+ 5 9.7	1.614	2.554	9.1	20.7
3 22	9 47.64	+ 7 22.8	1.700	2.578	12.9	21.0

357153 2002 CO_{23} 2 20.1 85°.06 2°.6/22.2 17

1 12	10 42.35	+ 1 11.5	1.667	2.410	18.5	21.0
1 22	10 37.34	+ 1 29.4	1.608	2.447	14.9	20.8
2 1	10 29.69	+ 2 8.4	1.568	2.483	10.7	20.6
2 11	10 20.17	+ 3 5.4	1.554	2.518	6.1	20.4
2 21	10 9.83	+ 4 14.3	1.567	2.552	2.6	20.3
3 2	9 59.88	+ 5 27.5	1.610	2.585	5.0	20.5
3 12	9 51.46	+ 6 37.1	1.680	2.617	9.1	20.8
3 22	9 45.30	+ 7 37.2	1.776	2.648	12.8	21.1

242962 2006 SP_{49} 2 20.1 139°.29 3°.1/23.7 17

1 12	10 32.01	− 2 14.2	2.654	3.367	13.0	21.2
1 22	10 28.60	− 2 8.0	2.556	3.372	10.8	21.1
2 1	10 23.50	− 1 46.0	2.481	3.376	8.1	20.9
2 11	10 17.15	− 1 9.3	2.431	3.381	5.4	20.7
2 21	10 10.12	− 0 20.1	2.410	3.385	3.3	20.6
3 2	10 3.09	+ 0 37.6	2.418	3.389	4.0	20.6
3 12	9 56.78	+ 1 38.8	2.456	3.393	6.6	20.8
3 22	9 51.76	+ 2 38.7	2.522	3.396	9.4	21.0

43598 2001 QY_{195} 2 20.1 104°.45 5°.9/25.2 18

1 12	10 38.69	− 6 18.9	2.054	2.750	16.8	19.2
1 22	10 34.27	− 6 58.4	1.971	2.767	14.3	19.0
2 1	10 27.59	− 7 17.9	1.909	2.783	11.3	18.8
2 11	10 19.21	− 7 16.2	1.870	2.799	8.3	18.7
2 21	10 9.93	− 6 54.2	1.857	2.814	6.2	18.6
3 2	10 0.74	− 6 15.3	1.873	2.830	6.4	18.6
3 12	9 52.63	− 5 25.2	1.916	2.845	8.7	18.8
3 22	9 46.35	− 4 30.5	1.985	2.859	11.5	19.0

429362 2010 GQ_{122} 2 20.1 228°.78 6°.2/13.6 17

1 12	10 38.69	+29 51.9	2.446	3.237	11.9	21.0
1 22	10 34.24	+30 52.2	2.367	3.234	9.7	20.9
2 1	10 27.56	+31 50.6	2.312	3.230	7.5	20.7
2 11	10 19.19	+32 40.0	2.285	3.226	6.3	20.6
2 21	10 9.93	+33 14.2	2.285	3.222	6.7	20.6
3 2	10 0.76	+33 29.0	2.314	3.218	8.5	20.7
3 12	9 52.65	+33 22.8	2.368	3.213	10.9	20.9
3 22	9 46.33	+32 56.9	2.445	3.209	13.1	21.0

187795 1999 CB_{97} 2 20.1 357°.41 0°.0/20.1 18

1 12	10 31.89	+ 7 18.6	1.515	2.309	17.8	19.5
1 22	10 29.89	+ 7 53.6	1.431	2.307	14.2	19.3
2 1	10 25.13	+ 8 48.6	1.368	2.305	9.8	19.0
2 11	10 18.19	+ 9 59.1	1.328	2.304	4.8	18.7
2 21	10 10.02	+11 17.5	1.315	2.304	0.5	18.4
3 2	10 1.84	+12 34.7	1.329	2.304	5.8	18.8
3 12	9 54.96	+13 42.0	1.368	2.305	10.7	19.1
3 22	9 50.31	+14 33.4	1.430	2.306	15.0	19.3

203816 2002 TB_{236} 2 20.1 72°.14 1°.0/19.3 18

1 12	10 41.64	+14 1.9	2.157	2.927	14.0	19.3
1 22	10 36.29	+14 2.2	2.087	2.950	10.9	19.1
2 1	10 28.75	+14 9.2	2.041	2.974	7.4	19.0
2 11	10 19.67	+14 19.0	2.022	2.997	3.5	18.7
2 21	10 9.90	+14 27.7	2.032	3.020	1.2	18.6
3 2	10 0.41	+14 31.8	2.073	3.042	4.7	18.9
3 12	9 52.14	+14 28.7	2.143	3.065	8.3	19.2
3 22	9 45.73	+14 17.6	2.238	3.087	11.4	19.4

268556 2006 BQ_{31} 2 20.1 312°.36 2°.1/18.3 17

1 12	10 33.28	+13 13.8	1.812	2.608	15.2	20.3
1 22	10 30.65	+13 59.5	1.716	2.595	12.0	20.1
2 1	10 25.51	+14 58.3	1.642	2.583	8.2	19.8
2 11	10 18.35	+16 4.7	1.594	2.571	4.0	19.5
2 21	10 10.01	+17 11.3	1.574	2.559	2.4	19.4
3 2	10 1.57	+18 10.4	1.582	2.548	6.3	19.6
3 12	9 54.20	+18 55.8	1.616	2.536	10.6	19.8
3 22	9 48.81	+19 24.1	1.673	2.526	14.4	20.0

247067 2000 RS_{25} 2 20.1 186°.40 0°.3/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.59	+11 1.8	3.066	3.821	10.6	21.7
1 22	10 31.14	+11 15.4	2.966	3.820	8.3	21.5
2 1	10 25.10	+11 36.1	2.890	3.819	5.7	21.4
2 11	10 17.90	+12 1.2	2.844	3.818	2.7	21.2
2 21	10 10.07	+12 27.7	2.828	3.816	0.5	21.0
3 2	10 2.25	+12 52.5	2.843	3.814	3.5	21.2
3 12	9 55.10	+13 12.6	2.889	3.811	6.4	21.4
3 22	9 49.14	+13 26.1	2.962	3.808	9.0	21.6

125372 2001 VE_{72} 2 20.1 101°.42 0°.6/19.7 18

1 12	10 39.99	+10 39.4	1.518	2.307	18.0	19.8
1 22	10 36.21	+10 53.9	1.439	2.312	14.3	19.5
2 1	10 29.41	+11 22.9	1.381	2.317	9.8	19.3
2 11	10 20.26	+12 1.6	1.346	2.322	4.7	19.0
2 21	10 9.84	+12 43.4	1.338	2.327	0.9	18.7
3 2	9 59.54	+13 21.2	1.358	2.332	6.0	19.1
3 12	9 50.75	+13 49.0	1.404	2.336	10.9	19.4
3 22	9 44.44	+14 3.5	1.473	2.341	15.2	19.6

427218 2014 WU_{18} 2 20.1 100°.30 0°.8/20.9 18

1 12	10 38.29	+ 6 18.8	2.069	2.824	15.0	22.6
1 22	10 33.84	+ 6 36.7	1.994	2.846	11.9	22.4
2 1	10 27.21	+ 7 8.5	1.942	2.867	8.3	22.2
2 11	10 18.98	+ 7 50.9	1.916	2.887	4.3	22.0
2 21	10 9.98	+ 8 39.2	1.919	2.908	0.9	21.8
3 2	10 1.16	+ 9 27.9	1.953	2.927	4.3	22.1
3 12	9 53.46	+10 11.8	2.015	2.947	8.1	22.3
3 22	9 47.56	+10 47.2	2.102	2.965	11.4	22.6

272935 2006 BU_{240} 2 20.1 251°.74 1°.7/18.4 17

1 12	10 33.89	+12 13.0	2.175	2.956	13.5	20.7
1 22	10 30.66	+13 9.0	2.075	2.946	10.6	20.5
2 1	10 25.27	+14 17.6	1.998	2.935	7.2	20.3
2 11	10 18.16	+15 33.7	1.949	2.925	3.5	20.0
2 21	10 10.05	+16 50.6	1.928	2.914	2.0	19.9
3 2	10 1.84	+18 1.5	1.938	2.902	5.5	20.1
3 12	9 54.51	+19 0.5	1.976	2.891	9.3	20.3
3 22	9 48.82	+19 44.0	2.038	2.880	12.6	20.5

427683 2004 CA_{128} 2 20.1 2°.91 4°.9/16.2 18

1 12	10 38.13	+23 36.2	1.940	2.742	14.2	20.8
1 22	10 34.20	+24 13.9	1.862	2.741	11.2	20.6
2 1	10 27.73	+24 53.5	1.807	2.741	8.0	20.4
2 11	10 19.33	+25 27.9	1.777	2.742	5.4	20.3
2 21	10 9.94	+25 50.7	1.776	2.743	5.3	20.3
3 2	10 0.72	+25 56.7	1.802	2.744	7.9	20.4
3 12	9 52.76	+25 44.2	1.854	2.746	11.1	20.6
3 22	9 46.89	+25 13.9	1.928	2.748	14.1	20.8

463260 2012 GB_{2} 2 20.1 14°.31 4°.6/24.3 18

1 12	10 29.68	− 4 42.6	1.517	2.267	19.8	20.7
1 22	10 28.10	− 4 24.1	1.433	2.269	16.5	20.4
2 1	10 23.87	− 3 35.3	1.367	2.273	12.6	20.2
2 11	10 17.58	− 2 16.7	1.323	2.277	8.4	20.0
2 21	10 10.11	− 0 33.3	1.304	2.282	5.0	19.8
3 2	10 2.66	+ 1 25.7	1.312	2.287	5.9	19.8
3 12	9 56.44	+ 3 28.0	1.346	2.293	9.8	20.1
3 22	9 52.35	+ 5 22.3	1.404	2.300	14.0	20.3

466326 2013 RG_{8} 2 20.1 109°.77 0°.6/20.6 18

1 12	10 37.41	+ 8 11.4	2.011	2.777	15.0	21.7
1 22	10 33.39	+ 8 16.3	1.924	2.782	11.9	21.5
2 1	10 27.06	+ 8 33.5	1.859	2.787	8.3	21.2
2 11	10 18.99	+ 9 0.2	1.819	2.792	4.2	21.0
2 21	10 9.98	+ 9 32.1	1.809	2.797	0.6	20.7
3 2	10 1.04	+10 4.5	1.827	2.802	4.5	21.0
3 12	9 53.18	+10 32.5	1.874	2.806	8.6	21.3
3 22	9 47.16	+10 52.7	1.945	2.811	12.1	21.5

49418 1998 XP_{73} 2 20.1 0°.57 5°.2/16.9 18 R

1 12	10 37.90	+21 10.1	1.384	2.204	17.9	17.5
1 22	10 35.02	+21 47.9	1.311	2.202	14.1	17.2
2 1	10 28.82	+22 31.3	1.259	2.201	9.9	17.0
2 11	10 20.04	+23 11.5	1.230	2.201	6.1	16.7
2 21	10 9.88	+23 39.4	1.227	2.202	5.7	16.7
3 2	9 59.91	+23 47.9	1.248	2.203	9.2	16.9
3 12	9 51.67	+23 33.9	1.294	2.206	13.4	17.2
3 22	9 46.19	+22 58.8	1.360	2.209	17.3	17.4

88627 2001 RT_{31} 2 20.1 167°.95 2°.4/22.2 18

1 12	10 38.95	+ 1 4.8	2.001	2.736	16.0	21.0
1 22	10 34.65	+ 1 23.7	1.908	2.742	13.1	20.8
2 1	10 27.99	+ 2 1.7	1.836	2.747	9.5	20.5
2 11	10 19.48	+ 2 57.1	1.789	2.751	5.6	20.3
2 21	10 9.94	+ 4 5.3	1.770	2.755	2.5	20.1
3 2	10 0.39	+ 5 20.0	1.782	2.757	4.6	20.3
3 12	9 51.90	+ 6 33.9	1.823	2.758	8.6	20.5
3 22	9 45.28	+ 7 40.9	1.890	2.759	12.2	20.7

88162 2000 XY_{19} 2 20.1 143°.62 1°.1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.53	+ 6 15.0	2.499	3.241	13.0	20.8
1 22	10 33.72	+ 6 18.9	2.409	3.252	10.4	20.6
2 1	10 27.00	+ 6 34.0	2.343	3.263	7.3	20.4
2 11	10 18.87	+ 6 58.0	2.304	3.273	3.9	20.2
2 21	10 10.01	+ 7 27.7	2.295	3.283	1.1	20.0
3 2	10 1.23	+ 7 59.2	2.318	3.292	3.8	20.3
3 12	9 53.33	+ 8 28.6	2.370	3.300	7.1	20.5
3 22	9 46.95	+ 8 52.9	2.449	3.308	10.2	20.7

395809 2012 XA_{24} 2 20.1 53°.14 3°.5/22.4 18

1 12	10 37.28	+ 1 53.1	1.314	2.091	21.0	21.0
1 22	10 34.46	+ 1 39.7	1.239	2.097	17.2	20.8
2 1	10 28.44	+ 1 50.0	1.182	2.104	12.6	20.5
2 11	10 19.87	+ 2 23.2	1.146	2.111	7.5	20.3
2 21	10 9.90	+ 3 14.7	1.135	2.119	3.6	20.0
3 2	10 0.04	+ 4 16.5	1.150	2.126	6.1	20.2
3 12	9 51.78	+ 5 19.3	1.189	2.134	11.1	20.5
3 22	9 46.19	+ 6 14.7	1.251	2.142	15.7	20.8

138569 2000 QQ_{81} 2 20.1 156°.96 0°.5/19.6 18

1 12	10 36.02	+11 43.6	2.628	3.392	11.9	20.4
1 22	10 31.74	+11 55.9	2.535	3.395	9.4	20.2
2 1	10 25.65	+12 15.9	2.467	3.398	6.4	20.0
2 11	10 18.22	+12 40.5	2.426	3.401	3.1	19.8
2 21	10 10.08	+13 6.1	2.415	3.403	0.7	19.6
3 2	10 1.99	+13 29.2	2.435	3.406	4.0	19.9
3 12	9 54.71	+13 46.5	2.484	3.408	7.2	20.1
3 22	9 48.84	+13 56.0	2.560	3.410	10.1	20.3

65690 1991 DG 2 20.1 304°.31 18°.4/28.0 18

1 12	10 16.95	−11 8.4	0.637	1.461	32.2	20.2
1 22	10 21.05	−13 0.6	0.533	1.410	29.9	19.7
2 1	10 21.63	−14 22.7	0.437	1.356	26.8	19.1
2 11	10 18.11	−14 53.6	0.352	1.301	23.1	18.4
2 21	10 9.87	−13 59.7	0.276	1.245	19.6	17.7
3 2	9 56.54	−10 43.4	0.211	1.189	18.7	17.0
3 12	9 38.13	− 3 29.1	0.157	1.134	24.8	16.4
3 22	9 12.92	+10 38.3	0.114	1.081	40.2	16.0

453832 2011 SE_{165} 2 20.1 130°.15 3°.9/17.2 18

1 12	10 42.32	+18 44.4	1.737	2.531	15.9	21.5
1 22	10 37.67	+19 34.0	1.664	2.541	12.5	21.3
2 1	10 30.19	+20 30.7	1.614	2.551	8.6	21.1
2 11	10 20.57	+21 26.7	1.590	2.561	4.9	20.9
2 21	10 9.86	+22 14.0	1.594	2.570	4.3	20.8
3 2	9 59.35	+22 45.9	1.626	2.579	7.6	21.1
3 12	9 50.33	+22 59.0	1.684	2.587	11.4	21.3
3 22	9 43.65	+22 53.2	1.766	2.595	14.8	21.5

463795 2014 SE_{292} 2 20.1 72°.51 4°.9/16.9 18

1 12	10 44.13	+22 33.3	1.710	2.507	16.0	21.0
1 22	10 38.97	+23 9.6	1.649	2.526	12.6	20.8
2 1	10 30.95	+23 48.0	1.611	2.546	8.8	20.7
2 11	10 20.85	+24 20.7	1.598	2.565	5.6	20.5
2 21	10 9.84	+24 40.6	1.614	2.585	5.2	20.5
3 2	9 59.26	+24 43.0	1.657	2.604	8.0	20.7
3 12	9 50.35	+24 26.4	1.726	2.623	11.5	21.0
3 22	9 43.89	+23 52.7	1.818	2.642	14.7	21.2

500453 2012 TD_{202} 2 20.1 89°.38 4°.0/16.3 17

1 12	10 36.89	+21 49.2	2.304	3.096	12.5	21.6
1 22	10 32.77	+22 34.6	2.226	3.101	9.8	21.4
2 1	10 26.52	+23 23.1	2.172	3.107	6.9	21.3
2 11	10 18.69	+24 8.5	2.146	3.112	4.4	21.1
2 21	10 10.05	+24 45.2	2.149	3.118	4.4	21.1
3 2	10 1.54	+25 8.5	2.180	3.123	6.7	21.3
3 12	9 54.06	+25 16.0	2.239	3.128	9.6	21.5
3 22	9 48.29	+25 7.5	2.322	3.134	12.3	21.6

413132 2001 XR_{222} 2 20.1 230°.85 6°.7/14.3 18

1 12	10 39.30	+26 21.9	1.866	2.671	14.6	20.7
1 22	10 35.40	+27 35.1	1.791	2.669	11.7	20.5
2 1	10 28.72	+28 49.9	1.739	2.668	8.7	20.3
2 11	10 19.90	+29 56.9	1.713	2.667	6.8	20.2
2 21	10 9.93	+30 47.5	1.714	2.666	7.2	20.2
3 2	10 0.06	+31 15.3	1.743	2.664	9.7	20.4
3 12	9 51.56	+31 17.8	1.795	2.663	12.7	20.5
3 22	9 45.32	+30 56.7	1.870	2.661	15.6	20.7

11717 1998 HU_{94} 2 20.1 179°.59 0°.3/19.8 18

1 12	10 33.66	+10 13.2	2.944	3.702	10.9	18.7
1 22	10 29.73	+10 37.5	2.847	3.703	8.6	18.5
2 1	10 24.21	+11 10.0	2.774	3.704	5.8	18.3
2 11	10 17.51	+11 48.1	2.730	3.704	2.8	18.1
2 21	10 10.17	+12 28.1	2.716	3.704	0.5	17.9
3 2	10 2.85	+13 6.4	2.733	3.704	3.6	18.2
3 12	9 56.19	+13 39.5	2.779	3.703	6.6	18.4
3 22	9 50.73	+14 5.0	2.853	3.702	9.2	18.5

117510 2005 CE_{40} 2 20.1 8°.85 2°.8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.65	+ 3 38.0	1.318	2.107	20.3	19.4
1 22	10 31.64	+ 3 26.9	1.240	2.108	16.5	19.2
2 1	10 26.53	+ 3 37.9	1.181	2.109	11.9	18.9
2 11	10 18.97	+ 4 9.6	1.143	2.112	6.9	18.6
2 21	10 10.02	+ 4 57.2	1.130	2.115	2.8	18.4
3 2	10 1.13	+ 5 52.9	1.142	2.120	5.9	18.6
3 12	9 53.75	+ 6 47.8	1.178	2.125	11.0	18.9
3 22	9 48.92	+ 7 34.5	1.237	2.131	15.6	19.2

312112 2007 TL_{168} 2 20.1 231°.24 1°.5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.44	+ 5 10.4	2.021	2.772	15.4	21.6
1 22	10 35.23	+ 5 16.8	1.912	2.759	12.5	21.4
2 1	10 28.55	+ 5 38.5	1.824	2.745	9.0	21.1
2 11	10 19.86	+ 6 13.5	1.761	2.730	4.9	20.8
2 21	10 9.93	+ 6 58.2	1.728	2.715	1.5	20.6
3 2	9 59.82	+ 7 47.0	1.724	2.699	4.7	20.7
3 12	9 50.65	+ 8 34.0	1.748	2.682	9.0	21.0
3 22	9 43.34	+ 9 14.2	1.798	2.664	12.9	21.2

372413 2009 RK_{45} 2 20.1 153°.47 0°.9/20.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.37	+ 6 17.7	2.108	2.866	14.6	21.9
1 22	10 32.50	+ 6 32.5	2.017	2.870	11.7	21.7
2 1	10 26.44	+ 7 1.3	1.949	2.874	8.2	21.5
2 11	10 18.70	+ 7 41.3	1.906	2.878	4.3	21.3
2 21	10 10.06	+ 8 28.1	1.893	2.881	0.9	21.0
3 2	10 1.44	+ 9 16.5	1.909	2.884	4.3	21.3
3 12	9 53.81	+10 1.0	1.953	2.886	8.2	21.5
3 22	9 47.91	+10 37.5	2.023	2.889	11.7	21.7

18148 Bellier 2 20.1 20°.29 0°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.40	+10 53.2	1.953	2.738	14.7	17.3
1 22	10 30.34	+11 16.1	1.871	2.743	11.6	17.1
2 1	10 25.03	+11 50.8	1.812	2.748	7.9	16.8
2 11	10 18.02	+12 32.9	1.778	2.754	3.8	16.6
2 21	10 10.13	+13 17.2	1.772	2.760	0.9	16.4
3 2	10 2.31	+13 57.9	1.794	2.767	5.0	16.7
3 12	9 55.57	+14 30.2	1.844	2.774	8.9	16.9
3 22	9 50.62	+14 51.1	1.919	2.781	12.4	17.2

372669 2009 WW_{97} 2 20.1 67°.48 1°.2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.13	+11 16.5	1.901	2.685	15.1	20.8
1 22	10 31.74	+11 55.5	1.823	2.695	11.8	20.6
2 1	10 26.00	+12 46.9	1.767	2.704	8.0	20.4
2 11	10 18.50	+13 45.6	1.738	2.714	3.8	20.1
2 21	10 10.08	+14 45.3	1.736	2.724	1.4	20.0
3 2	10 1.78	+15 39.3	1.764	2.734	5.4	20.3
3 12	9 54.61	+16 22.2	1.819	2.743	9.3	20.5
3 22	9 49.33	+16 51.0	1.898	2.753	12.8	20.7

343074 2009 CD_{58} 2 20.1 102°.68 1°.9/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.15	+ 1 40.9	2.462	3.199	13.3	21.3
1 22	10 28.84	+ 2 3.8	2.371	3.207	10.8	21.1
2 1	10 23.75	+ 2 42.1	2.302	3.215	7.8	20.9
2 11	10 17.33	+ 3 33.7	2.260	3.223	4.5	20.7
2 21	10 10.20	+ 4 34.8	2.246	3.231	2.0	20.5
3 2	10 3.11	+ 5 40.5	2.263	3.239	3.7	20.7
3 12	9 56.80	+ 6 45.4	2.309	3.246	6.9	20.9
3 22	9 51.88	+ 7 44.7	2.382	3.254	10.0	21.1

7803 Adachi 2 20.1 25°.74 1°.8/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.37	+12 48.5	1.864	2.656	15.1	17.6
1 22	10 31.29	+13 34.0	1.781	2.658	11.8	17.4
2 1	10 25.80	+14 31.7	1.720	2.660	8.0	17.2
2 11	10 18.45	+15 36.0	1.686	2.662	3.9	16.9
2 21	10 10.10	+16 39.9	1.679	2.665	2.2	16.8
3 2	10 1.79	+17 36.2	1.701	2.667	5.9	17.0
3 12	9 54.61	+18 19.3	1.749	2.670	9.9	17.3
3 22	9 49.36	+18 46.5	1.822	2.673	13.5	17.5

502684 2015 CX_{58} 2 20.1 118°.84 0°.8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.24	+ 4 42.4	2.203	2.961	14.1	21.6
1 22	10 29.21	+ 5 23.0	2.110	2.963	11.3	21.4
2 1	10 24.17	+ 6 19.9	2.039	2.965	7.9	21.2
2 11	10 17.60	+ 7 30.0	1.995	2.966	4.1	20.9
2 21	10 10.18	+ 8 47.8	1.979	2.968	0.8	20.7
3 2	10 2.75	+10 7.1	1.994	2.969	4.2	20.9
3 12	9 56.20	+11 21.3	2.037	2.970	7.9	21.2
3 22	9 51.19	+12 25.3	2.106	2.972	11.3	21.4

279869 2001 NK_3 2 20.1 132°.76 1°.0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.80	+12 10.5	3.008	3.769	10.6	21.6
1 22	10 30.50	+12 50.7	2.926	3.785	8.3	21.5
2 1	10 24.66	+13 38.2	2.868	3.800	5.5	21.3
2 11	10 17.70	+14 29.4	2.840	3.815	2.6	21.2
2 21	10 10.18	+15 20.4	2.843	3.829	1.2	21.1
3 2	10 2.74	+16 7.0	2.877	3.843	3.8	21.3
3 12	9 56.01	+16 46.1	2.942	3.856	6.6	21.5
3 22	9 50.49	+17 15.6	3.033	3.869	9.1	21.7

413927 2006 WW_{192} 2 20.1 102°.49 0°.3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.27	+ 7 40.7	1.936	2.701	15.5	22.0
1 22	10 34.05	+ 8 5.4	1.861	2.719	12.3	21.9
2 1	10 27.49	+ 8 44.2	1.808	2.737	8.4	21.7
2 11	10 19.20	+ 9 33.3	1.781	2.755	4.2	21.4
2 21	10 10.04	+10 27.1	1.783	2.772	0.4	21.2
3 2	10 1.06	+11 19.5	1.814	2.788	4.7	21.5
3 12	9 53.27	+12 4.9	1.874	2.804	8.7	21.8
3 22	9 47.39	+12 39.6	1.958	2.820	12.2	22.0

422405 2014 SP_{280} 2 20.1 212°.68 2°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.90	+14 54.1	2.173	2.949	13.7	22.4
1 22	10 35.40	+15 40.0	2.073	2.941	10.8	22.2
2 1	10 28.54	+16 35.4	1.996	2.932	7.3	22.0
2 11	10 19.80	+17 35.2	1.948	2.922	3.8	21.7
2 21	10 9.97	+18 32.7	1.928	2.911	2.6	21.6
3 2	10 0.06	+19 21.8	1.939	2.900	5.9	21.8
3 12	9 51.12	+19 57.7	1.979	2.888	9.6	22.0
3 22	9 43.99	+20 18.1	2.043	2.875	13.0	22.2

232265 2002 QY_{26} 2 20.1 158°.46 1°.1/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.59	+10 51.4	2.326	3.100	13.0	21.2
1 22	10 30.16	+11 41.7	2.237	3.103	10.2	21.0
2 1	10 24.76	+12 43.7	2.170	3.105	6.9	20.8
2 11	10 17.87	+13 52.8	2.132	3.107	3.3	20.5
2 21	10 10.17	+15 3.1	2.123	3.109	1.3	20.4
3 2	10 2.47	+16 8.8	2.144	3.111	4.7	20.6
3 12	9 55.63	+17 4.7	2.193	3.113	8.3	20.8
3 22	9 50.32	+17 47.4	2.269	3.114	11.4	21.0

88216 2001 AD_{27} 2 20.1 71°.44 2°.3/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.99	+16 53.7	1.885	2.671	15.2	19.4
1 22	10 37.01	+17 6.9	1.815	2.688	11.8	19.3
2 1	10 29.50	+17 25.9	1.768	2.705	8.0	19.1
2 11	10 20.16	+17 45.6	1.747	2.722	4.1	18.9
2 21	10 9.97	+18 0.6	1.755	2.739	2.6	18.8
3 2	10 0.07	+18 6.5	1.792	2.756	5.9	19.0
3 12	9 51.56	+18 0.9	1.856	2.773	9.7	19.3
3 22	9 45.17	+17 43.3	1.945	2.790	13.0	19.5

45750 2000 JC_{65} 2 20.1 189°.36 1°.9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.83	+ 1 26.4	2.789	3.516	12.1	19.5
1 22	10 29.21	+ 1 44.1	2.686	3.515	9.9	19.3
2 1	10 23.94	+ 2 15.5	2.605	3.514	7.2	19.1
2 11	10 17.43	+ 2 59.0	2.551	3.512	4.3	18.9
2 21	10 10.22	+ 3 51.6	2.527	3.510	2.0	18.8
3 2	10 2.99	+ 4 49.4	2.534	3.508	3.5	18.9
3 12	9 56.43	+ 5 47.6	2.570	3.505	6.4	19.1
3 22	9 51.09	+ 6 42.1	2.634	3.502	9.2	19.2

414235 2008 FO_{76} 2 20.1 189°.51 1°.2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.68	+11 49.2	1.997	2.775	14.7	21.5
1 22	10 33.75	+12 21.5	1.906	2.774	11.6	21.3
2 1	10 27.42	+13 5.4	1.838	2.774	7.9	21.1
2 11	10 19.25	+13 56.3	1.797	2.772	3.8	20.8
2 21	10 10.05	+14 48.2	1.784	2.771	1.4	20.7
3 2	10 0.86	+15 35.0	1.800	2.769	5.3	20.9
3 12	9 52.73	+16 11.5	1.844	2.767	9.4	21.2
3 22	9 46.49	+16 34.8	1.913	2.764	12.9	21.4

232489 2003 OO_5 2 20.1 124°.88 1°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.80	+ 4 30.5	2.828	3.555	12.0	21.4
1 22	10 33.63	+ 4 29.9	2.743	3.575	9.6	21.3
2 1	10 26.79	+ 4 39.8	2.683	3.595	6.9	21.1
2 11	10 18.75	+ 4 58.5	2.650	3.615	3.8	21.0
2 21	10 10.11	+ 5 23.4	2.648	3.633	1.5	20.8
3 2	10 1.60	+ 5 51.2	2.677	3.651	3.4	21.0
3 12	9 53.89	+ 6 18.7	2.738	3.668	6.3	21.2
3 22	9 47.53	+ 6 42.9	2.826	3.685	9.0	21.4

502146 2015 BJ_{30} 2 20.1 0°.27 0°.6/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 28.46	+ 5 44.3	1.660	2.449	16.7	20.7
1 22	10 26.97	+ 7 4.2	1.574	2.447	13.3	20.5
2 1	10 23.04	+ 8 47.7	1.509	2.446	9.1	20.2
2 11	10 17.19	+10 48.8	1.469	2.446	4.3	20.0
2 21	10 10.24	+12 58.1	1.458	2.446	0.9	19.7
3 2	10 3.27	+15 3.9	1.475	2.448	5.7	20.0
3 12	9 57.39	+16 55.6	1.519	2.450	10.4	20.3
3 22	9 53.47	+18 26.2	1.587	2.453	14.4	20.6

522135 2016 AZ_{246} 2 20.1 284°.12 1°.7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.02	+15 40.8	1.813	2.596	15.8	20.4
1 22	10 38.25	+15 37.1	1.720	2.590	12.5	20.2
2 1	10 30.67	+15 39.7	1.648	2.584	8.6	19.9
2 11	10 20.90	+15 44.3	1.602	2.578	4.2	19.7
2 21	10 9.90	+15 46.1	1.585	2.571	1.9	19.5
3 2	9 58.93	+15 40.7	1.596	2.565	5.9	19.7
3 12	9 49.28	+15 25.3	1.636	2.559	10.3	20.0
3 22	9 41.88	+14 59.2	1.699	2.553	14.2	20.2

490119 2008 UN_{75} 2 20.1 152°.96 4°.2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 43.15	+19 30.9	1.798	2.589	15.6	22.3
1 22	10 38.32	+20 24.8	1.721	2.597	12.2	22.1
2 1	10 30.66	+21 25.2	1.668	2.604	8.5	21.9
2 11	10 20.85	+22 24.4	1.641	2.611	5.1	21.7
2 21	10 9.91	+23 14.1	1.642	2.616	4.6	21.7
3 2	9 59.14	+23 47.5	1.672	2.622	7.7	21.9
3 12	9 49.79	+24 1.4	1.728	2.626	11.5	22.1
3 22	9 42.78	+23 55.7	1.808	2.630	14.8	22.3

383636 2007 RL_{208} 2 20.1 169°.85 1°.1/19.1 17

1 12	10 34.62	+11 57.3	2.370	3.144	12.8	21.5
1 22	10 30.93	+12 31.9	2.279	3.145	10.0	21.3
2 1	10 25.27	+13 16.1	2.212	3.147	6.8	21.1
2 11	10 18.13	+14 6.0	2.172	3.147	3.2	20.9
2 21	10 10.18	+14 56.7	2.161	3.148	1.3	20.7
3 2	10 2.25	+15 42.8	2.181	3.149	4.6	21.0
3 12	9 55.19	+16 20.3	2.229	3.149	8.1	21.2
3 22	9 49.66	+16 46.4	2.302	3.150	11.2	21.4

8857 Cercidiphyllum 2 20.1 222°.52 0°.4/19.9 18

1 12	10 39.00	+ 9 53.5	2.011	2.780	14.9	19.4
1 22	10 34.86	+10 15.4	1.910	2.771	11.9	19.1
2 1	10 28.27	+10 50.0	1.831	2.762	8.2	18.9
2 11	10 19.72	+11 33.6	1.778	2.753	4.0	18.6
2 21	10 10.03	+12 21.0	1.754	2.742	0.6	18.3
3 2	10 0.23	+13 6.3	1.760	2.732	5.1	18.6
3 12	9 51.45	+13 44.0	1.793	2.720	9.3	18.9
3 22	9 44.56	+14 10.5	1.852	2.708	13.1	19.1

268105 2004 RJ_{355} 2 20.1 187°.57 0°.8/19.5 17

1 12	10 37.73	+11 37.4	2.233	3.003	13.6	22.0
1 22	10 33.49	+11 58.8	2.139	3.002	10.7	21.8
2 1	10 27.10	+12 30.0	2.069	3.002	7.3	21.6
2 11	10 19.05	+13 7.3	2.026	3.001	3.5	21.4
2 21	10 10.10	+13 45.9	2.011	2.999	1.0	21.2
3 2	10 1.16	+14 20.8	2.027	2.998	4.7	21.4
3 12	9 53.18	+14 47.8	2.072	2.996	8.4	21.6
3 22	9 46.89	+15 4.5	2.142	2.993	11.8	21.9

337754 2001 UR_{108} 2 20.1 113°.89 4°.8/25.7 18

1 12	10 33.02	− 7 30.6	2.669	3.349	13.6	20.5
1 22	10 29.39	− 7 41.7	2.577	3.361	11.6	20.4
2 1	10 24.06	− 7 35.3	2.505	3.373	9.2	20.2
2 11	10 17.49	− 7 11.1	2.458	3.384	6.8	20.1
2 21	10 10.25	− 6 30.8	2.439	3.395	5.0	20.0
3 2	10 3.05	− 5 37.4	2.448	3.405	5.1	20.0
3 12	9 56.59	− 4 35.9	2.487	3.416	6.9	20.2
3 22	9 51.43	− 3 31.5	2.552	3.426	9.3	20.3

44251 1998 QZ_{43} 2 20.1 123°.33 1°.2/18.9 18

1 12	10 35.43	+12 7.4	2.198	2.975	13.5	18.9
1 22	10 31.69	+12 45.2	2.113	2.981	10.6	18.7
2 1	10 25.85	+13 33.3	2.052	2.987	7.2	18.5
2 11	10 18.43	+14 27.2	2.018	2.994	3.4	18.2
2 21	10 10.17	+15 21.3	2.013	2.999	1.5	18.1
3 2	10 1.98	+16 10.0	2.038	3.005	5.0	18.4
3 12	9 54.75	+16 48.7	2.090	3.011	8.6	18.6
3 22	9 49.20	+17 14.9	2.169	3.016	11.8	18.8

329853 2004 TO_{262} 2 20.1 200°.76 5°.1/14.9 17

1 12	10 39.74	+25 36.4	2.467	3.254	11.9	20.7
1 22	10 35.03	+26 36.6	2.381	3.250	9.5	20.6
2 1	10 28.13	+27 38.0	2.320	3.246	7.0	20.4
2 11	10 19.55	+28 33.9	2.287	3.241	5.3	20.3
2 21	10 10.06	+29 18.0	2.283	3.236	5.5	20.3
3 2	10 0.60	+29 45.4	2.308	3.230	7.6	20.4
3 12	9 52.12	+29 53.9	2.360	3.224	10.2	20.6
3 22	9 45.37	+29 43.9	2.436	3.217	12.7	20.7

500368 2012 TS_{39} 2 20.1 115°.02 2°.0/18.2 17

1 12	10 37.80	+16 44.9	2.538	3.313	12.0	21.2
1 22	10 33.17	+17 7.3	2.456	3.324	9.3	21.1
2 1	10 26.65	+17 34.6	2.399	3.334	6.3	20.9
2 11	10 18.74	+18 2.7	2.370	3.344	3.2	20.7
2 21	10 10.15	+18 27.3	2.371	3.354	2.2	20.7
3 2	10 1.68	+18 44.6	2.403	3.364	4.9	20.9
3 12	9 54.14	+18 52.2	2.463	3.373	7.9	21.1
3 22	9 48.14	+18 49.0	2.549	3.382	10.7	21.3

456635 2007 PD_{38} 2 20.1 134°.67 1°.0/21.0 18

1 12	10 41.51	+ 6 12.4	2.112	2.859	15.0	21.5
1 22	10 36.40	+ 6 22.5	2.030	2.876	11.9	21.4
2 1	10 29.02	+ 6 46.1	1.970	2.891	8.4	21.2
2 11	10 19.96	+ 7 20.3	1.936	2.906	4.4	20.9
2 21	10 10.03	+ 8 0.8	1.933	2.921	1.0	20.7
3 2	10 0.24	+ 8 42.6	1.959	2.934	4.3	21.0
3 12	9 51.57	+ 9 20.8	2.016	2.946	8.2	21.2
3 22	9 44.76	+ 9 51.6	2.098	2.958	11.6	21.5

465257 2007 SQ_{14} 2 20.1 87°.45 5°.1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 32.82	− 8 57.9	2.444	3.122	14.8	21.2
1 22	10 29.35	− 8 56.8	2.360	3.141	12.6	21.1
2 1	10 24.09	− 8 35.2	2.295	3.160	10.1	21.0
2 11	10 17.51	− 7 53.0	2.254	3.178	7.4	20.8
2 21	10 10.26	− 6 52.4	2.241	3.196	5.4	20.7
3 2	10 3.09	− 5 37.8	2.256	3.214	5.4	20.7
3 12	9 56.77	− 4 15.3	2.300	3.232	7.3	20.9
3 22	9 51.86	− 2 51.3	2.372	3.250	9.7	21.1

127942 2003 HR_3 2 20.1 340°.55 0°.5/19.9 18

1 12	10 33.10	+ 9 23.1	1.207	2.022	20.3	20.1
1 22	10 31.68	+ 9 41.8	1.125	2.013	16.2	19.9
2 1	10 26.89	+10 20.9	1.062	2.005	11.2	19.5
2 11	10 19.31	+11 15.7	1.020	1.998	5.5	19.2
2 21	10 10.07	+12 18.1	1.003	1.991	0.8	18.8
3 2	10 0.75	+13 17.9	1.010	1.986	6.9	19.2
3 12	9 53.05	+14 5.7	1.040	1.982	12.7	19.5
3 22	9 48.16	+14 35.8	1.091	1.978	17.8	19.8

313008 1999 VD_{19} 2 20.1 112°.46 2°.8/17.7 18

1 12	10 41.50	+16 13.2	1.963	2.745	14.8	20.7
1 22	10 36.58	+17 4.3	1.895	2.766	11.5	20.5
2 1	10 29.20	+18 3.3	1.851	2.787	7.7	20.3
2 11	10 20.04	+19 3.6	1.834	2.807	4.1	20.1
2 21	10 10.03	+19 58.1	1.846	2.827	3.2	20.1
3 2	10 0.26	+20 40.7	1.888	2.846	6.3	20.3
3 12	9 51.79	+21 7.9	1.958	2.864	9.9	20.6
3 22	9 45.37	+21 18.6	2.051	2.881	13.0	20.8

24009 1999 RX_{98} 2 20.1 94°.06 2°.4/22.4 18

1 12	10 36.60	− 0 24.0	1.794	2.536	17.4	19.1
1 22	10 32.92	+ 0 17.5	1.720	2.559	14.1	18.9
2 1	10 26.82	+ 1 22.1	1.668	2.581	10.2	18.7
2 11	10 18.92	+ 2 46.6	1.640	2.603	5.9	18.5
2 21	10 10.13	+ 4 24.3	1.640	2.625	2.5	18.3
3 2	10 1.52	+ 6 6.7	1.670	2.646	4.7	18.5
3 12	9 54.14	+ 7 44.6	1.728	2.666	8.7	18.8
3 22	9 48.74	+ 9 10.9	1.812	2.686	12.4	19.1

200573 2001 PB_{33} 2 20.1 125°.23 5°.9/15.9 18

1 12	10 44.11	+22 46.4	1.623	2.424	16.5	21.0
1 22	10 39.37	+23 52.5	1.556	2.435	13.1	20.8
2 1	10 31.52	+25 2.9	1.512	2.446	9.3	20.6
2 11	10 21.31	+26 7.7	1.493	2.457	6.3	20.4
2 21	10 9.91	+26 57.2	1.502	2.468	6.4	20.4
3 2	9 58.80	+27 24.6	1.538	2.477	9.3	20.6
3 12	9 49.37	+27 27.4	1.599	2.487	12.9	20.9
3 22	9 42.57	+27 7.4	1.682	2.496	16.2	21.1

113173 2002 RS_{102} 2 20.1 31°.93 5°.6/15.4 18

1 12	10 38.14	+25 12.9	1.970	2.773	14.0	19.1
1 22	10 34.19	+26 4.1	1.900	2.778	11.1	18.9
2 1	10 27.71	+26 56.1	1.853	2.785	8.1	18.7
2 11	10 19.37	+27 41.3	1.832	2.791	5.9	18.6
2 21	10 10.10	+28 12.9	1.839	2.798	6.0	18.6
3 2	10 1.03	+28 25.7	1.873	2.805	8.4	18.8
3 12	9 53.26	+28 18.1	1.932	2.813	11.3	19.0
3 22	9 47.55	+27 51.2	2.015	2.821	14.1	19.2

153089 2000 RL_{49} 2 20.1 62°.95 6°.3/26.2 18

1 12	10 34.16	− 8 39.2	1.823	2.526	18.4	19.3
1 22	10 31.03	− 8 53.5	1.748	2.546	15.7	19.1
2 1	10 25.56	− 8 42.0	1.691	2.566	12.5	18.9
2 11	10 18.33	− 8 4.0	1.657	2.585	9.2	18.8
2 21	10 10.20	− 7 1.8	1.647	2.605	6.7	18.7
3 2	10 2.22	− 5 41.2	1.665	2.625	6.7	18.7
3 12	9 55.39	− 4 10.5	1.709	2.645	9.0	18.9
3 22	9 50.47	− 2 38.8	1.779	2.665	12.0	19.1

519275 2011 BU_{58} 2 20.1 199°.01 0°.1/20.2 17

1 12	10 37.00	+ 9 6.3	2.104	2.871	14.4	22.3
1 22	10 33.08	+ 9 21.8	2.010	2.870	11.4	22.1
2 1	10 26.91	+ 9 49.4	1.938	2.868	7.9	21.9
2 11	10 19.01	+10 25.7	1.892	2.866	3.9	21.6
2 21	10 10.14	+11 6.3	1.876	2.864	0.3	21.3
3 2	10 1.27	+11 45.8	1.888	2.862	4.6	21.7
3 12	9 53.38	+12 19.5	1.929	2.859	8.6	21.9
3 22	9 47.25	+12 43.9	1.996	2.856	12.1	22.1

383786 2007 WX_6 2 20.1 64°.39 5°.1/25.0 18

1 12	10 34.83	− 5 22.3	2.227	2.930	15.5	20.8
1 22	10 31.09	− 5 49.7	2.147	2.948	13.0	20.7
2 1	10 25.37	− 5 58.5	2.086	2.966	10.2	20.5
2 11	10 18.17	− 5 48.4	2.050	2.984	7.4	20.4
2 21	10 10.23	− 5 20.8	2.041	3.003	5.3	20.3
3 2	10 2.38	− 4 39.3	2.060	3.021	5.6	20.3
3 12	9 55.48	− 3 49.2	2.107	3.039	7.8	20.5
3 22	9 50.17	− 2 56.2	2.180	3.057	10.5	20.7

373365 2012 KD_{48} 2 20.1 287°.36 1°.5/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.47	+11 43.4	1.867	2.655	15.2	21.5
1 22	10 31.51	+12 26.7	1.772	2.646	12.0	21.3
2 1	10 26.08	+13 23.8	1.699	2.637	8.1	21.0
2 11	10 18.70	+14 29.6	1.652	2.628	3.9	20.7
2 21	10 10.17	+15 37.1	1.632	2.619	1.8	20.6
3 2	10 1.56	+16 39.0	1.642	2.610	5.8	20.8
3 12	9 53.99	+17 28.9	1.678	2.601	10.1	21.1
3 22	9 48.36	+18 3.0	1.738	2.592	13.9	21.3

332429 2007 TW_{139} 2 20.1 97°.61 4°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.17	− 5 13.3	2.477	3.172	14.3	20.6
1 22	10 31.17	− 5 37.0	2.389	3.186	12.0	20.4
2 1	10 25.34	− 5 43.8	2.323	3.200	9.4	20.3
2 11	10 18.14	− 5 33.6	2.281	3.215	6.8	20.1
2 21	10 10.24	− 5 7.7	2.267	3.229	4.9	20.0
3 2	10 2.39	− 4 29.1	2.282	3.243	5.1	20.1
3 12	9 55.39	− 3 42.6	2.326	3.256	7.3	20.2
3 22	9 49.82	− 2 53.2	2.396	3.270	9.8	20.4

409991 2006 VW_{150} 2 20.1 36°.06 1°.4/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.87	+ 6 45.0	1.437	2.224	19.0	20.6
1 22	10 33.78	+ 6 38.4	1.367	2.236	15.2	20.4
2 1	10 27.76	+ 6 49.3	1.317	2.248	10.7	20.1
2 11	10 19.50	+ 7 14.7	1.289	2.262	5.6	19.9
2 21	10 10.11	+ 7 49.3	1.288	2.276	1.4	19.6
3 2	10 0.94	+ 8 26.6	1.313	2.290	5.5	19.9
3 12	9 53.30	+ 8 59.8	1.364	2.306	10.3	20.2
3 22	9 48.09	+ 9 24.1	1.438	2.321	14.5	20.5

417763 2007 DF_{69} 2 20.1 75°.09 0°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.29	+10 49.5	1.814	2.594	15.9	21.7
1 22	10 34.31	+11 5.0	1.738	2.606	12.5	21.5
2 1	10 27.81	+11 32.4	1.683	2.617	8.5	21.3
2 11	10 19.44	+12 7.4	1.654	2.629	4.1	21.1
2 21	10 10.12	+12 44.6	1.653	2.641	0.8	20.8
3 2	10 0.96	+13 18.1	1.680	2.653	5.2	21.2
3 12	9 53.06	+13 43.4	1.735	2.665	9.4	21.4
3 22	9 47.22	+13 57.5	1.814	2.676	13.0	21.7

436303 2010 EV_{33} 2 20.1 235°.73 2°.5/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.97	+18 0.9	2.436	3.217	12.3	21.3
1 22	10 33.57	+18 26.2	2.340	3.210	9.6	21.1
2 1	10 27.10	+18 56.4	2.268	3.204	6.6	20.9
2 11	10 19.06	+19 26.9	2.224	3.197	3.6	20.7
2 21	10 10.15	+19 53.0	2.209	3.190	2.8	20.6
3 2	10 1.25	+20 10.3	2.225	3.182	5.5	20.8
3 12	9 53.26	+20 16.2	2.268	3.175	8.7	21.0
3 22	9 46.88	+20 9.6	2.337	3.167	11.6	21.2

390608 2001 TL_{258} 2 20.1 198°.66 4°.3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.53	+19 38.5	1.898	2.687	14.9	21.9
1 22	10 37.87	+20 37.2	1.810	2.684	11.8	21.6
2 1	10 30.44	+21 43.2	1.745	2.680	8.2	21.4
2 11	10 20.83	+22 48.8	1.706	2.675	5.0	21.2
2 21	10 9.98	+23 45.7	1.697	2.670	4.7	21.2
3 2	9 59.13	+24 26.6	1.716	2.663	7.8	21.4
3 12	9 49.53	+24 47.6	1.762	2.656	11.5	21.6
3 22	9 42.14	+24 48.2	1.832	2.649	14.9	21.8

85285 1994 PE_{23} 2 20.1 199°.82 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.95	+ 8 37.8	1.864	2.632	15.9	21.0
1 22	10 35.78	+ 9 3.2	1.768	2.629	12.7	20.8
2 1	10 28.99	+ 9 43.7	1.695	2.625	8.8	20.5
2 11	10 20.13	+10 35.1	1.646	2.621	4.3	20.3
2 21	10 10.06	+11 31.9	1.627	2.615	0.4	19.9
3 2	9 59.92	+12 27.1	1.636	2.609	5.2	20.3
3 12	9 50.92	+13 14.4	1.674	2.603	9.7	20.5
3 22	9 43.96	+13 49.7	1.737	2.596	13.7	20.8

149398 2003 AW_{41} 2 20.1 30°.44 5°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.29	− 0 57.6	1.618	2.361	19.0	19.7
1 22	10 35.49	− 2 0.4	1.536	2.367	15.9	19.5
2 1	10 28.88	− 2 45.1	1.472	2.373	12.2	19.2
2 11	10 20.08	− 3 9.8	1.431	2.380	8.4	19.0
2 21	10 10.07	− 3 14.8	1.416	2.387	5.8	18.9
3 2	10 0.10	− 3 2.7	1.428	2.395	6.8	19.0
3 12	9 51.47	− 2 39.2	1.466	2.403	10.1	19.2
3 22	9 45.11	− 2 10.8	1.528	2.411	13.8	19.4

128923 2004 TD_{68} 2 20.2 145°.61 2°.3/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.14	+13 11.5	1.785	2.571	15.9	20.6
1 22	10 35.16	+14 10.7	1.706	2.580	12.4	20.4
2 1	10 28.53	+15 22.9	1.650	2.588	8.4	20.1
2 11	10 19.86	+16 41.3	1.619	2.595	4.2	19.9
2 21	10 10.09	+17 57.6	1.618	2.602	2.7	19.8
3 2	10 0.41	+19 3.7	1.645	2.608	6.5	20.1
3 12	9 52.01	+19 53.6	1.699	2.614	10.6	20.3
3 22	9 45.75	+20 24.8	1.777	2.619	14.2	20.5

1378 Leonce 2 20.2 278°.15 2°.5/18.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.09	+14 22.0	1.630	2.427	16.7	16.1
1 22	10 34.90	+14 58.4	1.531	2.410	13.2	15.8
2 1	10 28.75	+15 47.7	1.454	2.394	9.1	15.5
2 11	10 20.16	+16 44.0	1.401	2.377	4.6	15.2
2 21	10 10.05	+17 39.2	1.376	2.361	2.8	15.1
3 2	9 59.75	+18 25.4	1.378	2.344	7.1	15.3
3 12	9 50.69	+18 55.9	1.406	2.327	11.8	15.5
3 22	9 43.97	+19 8.1	1.456	2.310	16.1	15.7

245954 2006 SR_{42} 2 20.2 171°.92 1°.3/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.05	+12 43.6	2.854	3.623	10.9	21.1
1 22	10 29.37	+13 31.5	2.761	3.626	8.5	20.9
2 1	10 24.06	+14 27.7	2.693	3.628	5.7	20.7
2 11	10 17.52	+15 28.2	2.654	3.629	2.8	20.5
2 21	10 10.32	+16 28.5	2.645	3.631	1.5	20.4
3 2	10 3.13	+17 23.8	2.668	3.632	4.2	20.6
3 12	9 56.62	+18 10.4	2.719	3.632	7.2	20.8
3 22	9 51.35	+18 45.9	2.798	3.633	9.8	21.0

239889 2000 RF 2 20.2 201°.74 7°.2/26.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.78	−12 38.7	1.353	2.061	23.6	20.8
1 22	10 33.56	−12 5.9	1.258	2.059	20.5	20.6
2 1	10 28.11	−10 48.7	1.178	2.056	16.5	20.3
2 11	10 19.94	− 8 43.1	1.118	2.053	12.0	20.0
2 21	10 10.07	− 5 52.4	1.082	2.049	8.0	19.8
3 2	10 0.00	− 2 28.8	1.074	2.044	7.8	19.8
3 12	9 51.33	+ 1 6.9	1.093	2.039	11.7	20.0
3 22	9 45.33	+ 4 33.8	1.137	2.033	16.5	20.2

461920 2006 SD_{18} 2 20.2 65°.49 2°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.53	+14 7.2	1.612	2.408	16.8	22.0
1 22	10 34.83	+14 43.2	1.542	2.421	13.2	21.8
2 1	10 28.34	+15 30.5	1.494	2.434	8.9	21.6
2 11	10 19.76	+16 22.6	1.471	2.447	4.4	21.4
2 21	10 10.12	+17 11.8	1.476	2.461	2.5	21.3
3 2	10 0.70	+17 51.3	1.508	2.474	6.5	21.6
3 12	9 52.75	+18 16.0	1.566	2.488	10.8	21.8
3 22	9 47.11	+18 24.4	1.647	2.501	14.5	22.1

226732 2004 PU_{98} 2 20.2 203°.19 2°.4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.96	+15 46.4	2.370	3.149	12.6	21.0
1 22	10 32.87	+16 36.8	2.275	3.145	9.9	20.8
2 1	10 26.69	+17 35.4	2.204	3.140	6.7	20.6
2 11	10 18.90	+18 37.0	2.161	3.135	3.5	20.4
2 21	10 10.19	+19 35.7	2.148	3.129	2.7	20.3
3 2	10 1.45	+20 25.7	2.165	3.123	5.6	20.5
3 12	9 53.60	+21 2.8	2.211	3.116	9.0	20.7
3 22	9 47.35	+21 25.1	2.282	3.109	12.0	20.9

359033 2008 WN_{63} 2 20.2 26°.45 6°.4/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.92	+21 46.9	1.281	2.106	18.8	20.0
1 22	10 36.09	+22 53.1	1.217	2.110	14.8	19.8
2 1	10 29.73	+24 6.2	1.174	2.115	10.5	19.5
2 11	10 20.60	+25 14.9	1.153	2.121	7.0	19.4
2 21	10 10.04	+26 7.5	1.157	2.127	7.0	19.4
3 2	9 59.75	+26 35.2	1.187	2.134	10.5	19.6
3 12	9 51.37	+26 34.8	1.239	2.141	14.6	19.8
3 22	9 45.96	+26 8.3	1.310	2.149	18.4	20.1

332171 2006 AD_{39} 2 20.2 42°.33 0°.8/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.25	+ 7 28.5	1.851	2.623	15.9	21.5
1 22	10 32.74	+ 7 33.4	1.766	2.627	12.7	21.3
2 1	10 26.80	+ 7 52.3	1.702	2.631	8.9	21.1
2 11	10 18.99	+ 8 22.3	1.663	2.636	4.6	20.8
2 21	10 10.19	+ 8 59.0	1.652	2.641	0.8	20.5
3 2	10 1.45	+ 9 36.8	1.670	2.645	4.7	20.8
3 12	9 53.85	+10 10.3	1.715	2.651	9.0	21.1
3 22	9 48.20	+10 35.5	1.784	2.656	12.7	21.3

317584 2002 WH_{26} 2 20.2 67°.98 0°.4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.75	+ 6 54.1	1.670	2.448	17.1	21.1
1 22	10 32.55	+ 7 23.5	1.594	2.459	13.6	20.8
2 1	10 26.76	+ 8 10.5	1.539	2.471	9.4	20.6
2 11	10 19.00	+ 9 10.7	1.508	2.482	4.7	20.4
2 21	10 10.20	+10 17.6	1.505	2.494	0.5	20.1
3 2	10 1.53	+11 23.5	1.530	2.505	5.2	20.4
3 12	9 54.14	+12 21.1	1.582	2.517	9.7	20.7
3 22	9 48.87	+13 5.7	1.658	2.529	13.6	21.0

205484 2001 QY_{236} 2 20.2 165°.45 1°.4/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.59	+14 54.0	2.652	3.421	11.7	20.9
1 22	10 32.99	+15 11.9	2.561	3.424	9.1	20.7
2 1	10 26.56	+15 35.7	2.494	3.427	6.2	20.5
2 11	10 18.75	+16 1.7	2.455	3.430	3.0	20.3
2 21	10 10.23	+16 26.0	2.446	3.432	1.6	20.2
3 2	10 1.77	+16 45.0	2.469	3.434	4.4	20.4
3 12	9 54.15	+16 56.0	2.520	3.436	7.5	20.6
3 22	9 47.97	+16 57.4	2.598	3.437	10.3	20.8

69132 2003 FG_{49} 2 20.2 267°.69 0°.4/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.56	+ 9 6.1	2.180	2.948	13.9	20.5
1 22	10 32.12	+ 9 40.8	2.064	2.925	11.1	20.3
2 1	10 26.43	+10 29.7	1.970	2.901	7.7	20.0
2 11	10 18.90	+11 29.1	1.902	2.877	3.8	19.7
2 21	10 10.21	+12 33.9	1.864	2.853	0.7	19.4
3 2	10 1.28	+13 37.8	1.856	2.828	4.9	19.7
3 12	9 53.13	+14 34.5	1.876	2.802	9.0	19.9
3 22	9 46.62	+15 19.7	1.921	2.776	12.7	20.1

496585 2015 BE_{84} 2 20.2 97°.16 2°.0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.38	+14 27.4	2.033	2.817	14.2	21.9
1 22	10 33.38	+15 2.2	1.954	2.827	11.1	21.7
2 1	10 27.09	+15 45.9	1.899	2.836	7.5	21.5
2 11	10 19.09	+16 33.2	1.870	2.846	3.7	21.3
2 21	10 10.21	+17 18.2	1.871	2.855	2.2	21.2
3 2	10 1.45	+17 55.3	1.900	2.865	5.6	21.4
3 12	9 53.82	+18 20.5	1.957	2.874	9.3	21.7
3 22	9 48.04	+18 31.8	2.038	2.883	12.5	21.9

456256 2006 QZ_{112} 2 20.2 247°.31 1°.0/20.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.83	+ 8 49.4	1.970	2.727	15.6	21.7
1 22	10 38.82	+ 8 30.1	1.859	2.711	12.6	21.5
2 1	10 31.13	+ 8 21.0	1.770	2.695	8.9	21.2
2 11	10 21.24	+ 8 20.2	1.708	2.679	4.7	20.9
2 21	10 10.00	+ 8 24.5	1.674	2.662	1.0	20.6
3 2	9 58.56	+ 8 30.4	1.670	2.644	5.0	20.8
3 12	9 48.18	+ 8 34.0	1.695	2.626	9.4	21.1
3 22	9 39.82	+ 8 32.3	1.745	2.608	13.4	21.3

153795 2001 VO_{79} 2 20.2 121°.24 1°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.15	+ 4 56.0	2.223	2.971	14.3	21.2
1 22	10 32.91	+ 5 21.2	2.141	2.987	11.4	21.0
2 1	10 26.63	+ 6 0.9	2.082	3.004	8.0	20.8
2 11	10 18.82	+ 6 52.1	2.050	3.019	4.2	20.6
2 21	10 10.24	+ 7 50.1	2.047	3.034	1.1	20.4
3 2	10 1.77	+ 8 49.5	2.074	3.049	4.1	20.7
3 12	9 54.29	+ 9 44.7	2.131	3.063	7.7	20.9
3 22	9 48.45	+10 31.7	2.213	3.077	10.9	21.2

378272 2007 EJ_{40} 2 20.2 244°.00 2°.7/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.55	+16 41.1	2.142	2.927	13.6	21.4
1 22	10 33.63	+17 21.5	2.044	2.918	10.7	21.2
2 1	10 27.39	+18 9.9	1.970	2.907	7.3	20.9
2 11	10 19.31	+19 0.7	1.923	2.897	3.9	20.7
2 21	10 10.19	+19 47.9	1.905	2.886	3.0	20.6
3 2	10 1.01	+20 25.4	1.916	2.875	6.1	20.8
3 12	9 52.81	+20 49.2	1.955	2.864	9.8	21.0
3 22	9 46.41	+20 57.6	2.019	2.852	13.1	21.2

465120 2006 WW_{117} 2 20.2 33°.59 6°.9/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.85	+19 51.8	1.267	2.100	18.4	20.2
1 22	10 31.14	+21 57.9	1.221	2.120	14.3	20.0
2 1	10 26.19	+24 13.2	1.197	2.141	10.1	19.8
2 11	10 18.81	+26 23.3	1.197	2.163	7.1	19.7
2 21	10 10.25	+28 13.6	1.222	2.186	7.7	19.8
3 2	10 2.05	+29 33.5	1.272	2.209	11.0	20.0
3 12	9 55.62	+30 18.8	1.345	2.234	14.7	20.3
3 22	9 51.85	+30 31.4	1.438	2.259	18.0	20.6

38351 1999 RQ_{150} 2 20.2 163°.18 1°.3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.29	+13 31.7	2.255	3.028	13.3	19.7
1 22	10 33.91	+13 55.4	2.166	3.032	10.5	19.6
2 1	10 27.38	+14 27.5	2.101	3.035	7.1	19.3
2 11	10 19.23	+15 3.7	2.062	3.038	3.4	19.1
2 21	10 10.22	+15 39.1	2.054	3.040	1.6	19.0
3 2	10 1.27	+16 9.0	2.075	3.042	4.9	19.2
3 12	9 53.30	+16 29.6	2.125	3.044	8.5	19.4
3 22	9 47.03	+16 39.1	2.200	3.045	11.7	19.6

205543 2001 SD_{175} 2 20.2 77°.25 1°.6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.28	+ 2 11.6	2.349	3.090	13.8	21.0
1 22	10 29.75	+ 2 45.7	2.273	3.113	11.1	20.8
2 1	10 24.39	+ 3 35.6	2.219	3.135	7.9	20.7
2 11	10 17.71	+ 4 38.3	2.192	3.158	4.4	20.5
2 21	10 10.38	+ 5 49.4	2.194	3.180	1.6	20.3
3 2	10 3.17	+ 7 3.1	2.227	3.202	3.7	20.5
3 12	9 56.86	+ 8 13.6	2.288	3.224	7.0	20.8
3 22	9 52.01	+ 9 16.2	2.377	3.246	10.1	21.0

409010 2002 XS_{117} 2 20.2 69°.67 5°.1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.59	+20 5.8	1.626	2.433	16.2	20.9
1 22	10 34.94	+21 21.2	1.566	2.450	12.7	20.7
2 1	10 28.44	+22 43.2	1.528	2.467	8.8	20.5
2 11	10 19.84	+24 2.5	1.516	2.484	5.6	20.3
2 21	10 10.20	+25 9.3	1.531	2.501	5.6	20.4
3 2	10 0.84	+25 56.3	1.574	2.519	8.6	20.6
3 12	9 53.00	+26 19.9	1.641	2.536	12.2	20.8
3 22	9 47.52	+26 20.6	1.731	2.553	15.4	21.1

201255 2002 RA_{124} 2 20.2 112°.49 4°.9/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.38	+23 52.8	2.280	3.074	12.6	20.5
1 22	10 33.26	+24 56.7	2.208	3.083	9.9	20.3
2 1	10 26.96	+26 2.6	2.161	3.092	7.2	20.1
2 11	10 19.03	+27 3.7	2.141	3.100	5.1	20.0
2 21	10 10.27	+27 53.3	2.149	3.108	5.3	20.1
3 2	10 1.64	+28 26.5	2.187	3.117	7.5	20.2
3 12	9 54.08	+28 40.8	2.251	3.125	10.2	20.4
3 22	9 48.29	+28 36.5	2.338	3.133	12.8	20.6

435956 2009 DB_{32} 2 20.2 22°.83 1°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.98	+ 3 19.2	2.237	2.990	14.0	21.2
1 22	10 28.23	+ 3 54.0	2.144	2.993	11.3	21.0
2 1	10 23.54	+ 4 45.5	2.073	2.995	8.0	20.8
2 11	10 17.38	+ 5 50.8	2.029	2.998	4.4	20.6
2 21	10 10.42	+ 7 5.2	2.013	3.001	1.3	20.4
3 2	10 3.46	+ 8 22.7	2.027	3.004	4.0	20.6
3 12	9 57.34	+ 9 36.8	2.070	3.007	7.6	20.8
3 22	9 52.71	+10 42.3	2.139	3.010	10.9	21.0

236013 2005 GU_{80} 2 20.2 227°.99 1°.4/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.01	+13 27.0	2.405	3.182	12.5	21.7
1 22	10 31.29	+13 59.8	2.309	3.177	9.8	21.5
2 1	10 25.59	+14 41.2	2.237	3.173	6.7	21.3
2 11	10 18.38	+15 27.1	2.193	3.168	3.2	21.0
2 21	10 10.33	+16 12.7	2.177	3.163	1.7	20.9
3 2	10 2.27	+16 52.9	2.192	3.158	4.8	21.1
3 12	9 55.04	+17 23.8	2.235	3.153	8.2	21.3
3 22	9 49.33	+17 43.0	2.304	3.148	11.3	21.5

53674 2000 DU_{71} 2 20.2 258°.62 0°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.27	+ 9 42.1	1.867	2.644	15.6	19.6
1 22	10 33.74	+10 0.7	1.768	2.634	12.4	19.4
2 1	10 27.66	+10 32.9	1.690	2.624	8.6	19.1
2 11	10 19.55	+11 15.0	1.638	2.613	4.2	18.8
2 21	10 10.22	+12 1.6	1.614	2.603	0.6	18.5
3 2	10 0.80	+12 46.5	1.619	2.592	5.2	18.8
3 12	9 52.44	+13 23.9	1.651	2.581	9.7	19.1
3 22	9 46.05	+13 49.8	1.707	2.570	13.6	19.3

17526 1993 FV_{5} 2 20.2 214°.10 0°.4/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.78	+10 5.9	2.808	3.568	11.3	20.2
1 22	10 30.02	+10 35.2	2.704	3.562	8.9	20.0
2 1	10 24.57	+11 13.8	2.625	3.556	6.1	19.8
2 11	10 17.84	+11 58.7	2.574	3.549	2.9	19.6
2 21	10 10.39	+12 46.0	2.554	3.542	0.6	19.4
3 2	10 2.91	+13 31.4	2.564	3.535	3.8	19.6
3 12	9 56.09	+14 11.1	2.604	3.527	6.9	19.8
3 22	9 50.53	+14 42.4	2.670	3.519	9.8	20.0

283578 2001 XP_{76} 2 20.2 123°.88 5°.8/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.54	−11 50.3	2.833	3.479	13.6	21.3
1 22	10 29.75	−12 12.9	2.739	3.491	11.8	21.1
2 1	10 24.33	−12 17.4	2.665	3.503	9.7	21.0
2 11	10 17.69	−12 2.8	2.615	3.514	7.7	20.9
2 21	10 10.41	−11 29.9	2.591	3.526	6.1	20.8
3 2	10 3.15	−10 41.1	2.596	3.536	5.9	20.8
3 12	9 56.59	− 9 40.8	2.630	3.547	7.2	20.9
3 22	9 51.27	− 8 34.4	2.690	3.557	9.1	21.0

234486 2001 TK_{52} 2 20.2 127°.26 4°.1/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.18	+18 17.4	1.601	2.400	16.8	21.0
1 22	10 37.90	+19 9.8	1.529	2.408	13.2	20.8
2 1	10 30.59	+20 10.6	1.478	2.417	9.1	20.6
2 11	10 20.95	+21 11.5	1.453	2.425	5.2	20.4
2 21	10 10.11	+22 3.7	1.455	2.433	4.5	20.3
3 2	9 59.47	+22 39.6	1.485	2.440	8.0	20.6
3 12	9 50.39	+22 55.1	1.540	2.447	12.0	20.8
3 22	9 43.82	+22 50.4	1.618	2.453	15.7	21.1

505897 2015 DD_{204} 2 20.2 262°.61 0°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.17	+11 52.2	2.437	3.199	12.8	21.3
1 22	10 34.54	+11 47.7	2.329	3.187	10.2	21.1
2 1	10 27.83	+11 50.4	2.244	3.174	7.0	20.9
2 11	10 19.50	+11 57.8	2.187	3.161	3.4	20.6
2 21	10 10.24	+12 6.4	2.160	3.148	0.5	20.4
3 2	10 0.92	+12 13.1	2.163	3.135	4.3	20.6
3 12	9 52.43	+12 14.9	2.196	3.122	7.9	20.8
3 22	9 45.52	+12 9.8	2.255	3.108	11.1	21.0

520082 2013 XL_{27} 2 20.2 166°.28 2°.2/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.35	+17 11.6	2.512	3.290	12.0	21.6
1 22	10 32.97	+17 37.9	2.423	3.292	9.4	21.4
2 1	10 26.64	+18 9.3	2.358	3.294	6.4	21.2
2 11	10 18.86	+18 41.4	2.322	3.295	3.4	21.0
2 21	10 10.31	+19 9.9	2.315	3.296	2.5	21.0
3 2	10 1.83	+19 30.4	2.338	3.298	5.1	21.2
3 12	9 54.24	+19 40.4	2.390	3.299	8.2	21.4
3 22	9 48.19	+19 38.7	2.468	3.299	11.0	21.5

454166 2013 FM_{14} 2 20.2 327°.13 4°.8/16.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.87	+17 10.5	1.277	2.104	18.7	21.2
1 22	10 32.34	+18 12.6	1.194	2.090	14.8	20.9
2 1	10 27.42	+19 29.3	1.130	2.077	10.2	20.6
2 11	10 19.68	+20 51.4	1.090	2.065	5.9	20.3
2 21	10 10.21	+22 7.0	1.074	2.053	5.4	20.3
3 2	10 0.63	+23 4.6	1.083	2.042	9.6	20.5
3 12	9 52.64	+23 36.5	1.115	2.032	14.5	20.7
3 22	9 47.47	+23 41.0	1.166	2.023	19.0	20.9

352754 2008 TG_{150} 2 20.2 122°.18 1°.0/20.9 18

1 12	10 37.30	+ 5 30.8	1.508	2.286	18.6	21.8
1 22	10 34.20	+ 5 54.7	1.426	2.290	15.0	21.6
2 1	10 28.18	+ 6 39.5	1.364	2.294	10.5	21.3
2 11	10 19.85	+ 7 41.4	1.325	2.298	5.5	21.1
2 21	10 10.22	+ 8 53.6	1.313	2.301	1.0	20.8
3 2	10 0.62	+10 7.3	1.328	2.305	5.6	21.1
3 12	9 52.42	+11 13.8	1.370	2.308	10.6	21.4
3 22	9 46.59	+12 6.9	1.435	2.311	15.0	21.6

375742 2009 RW_{71} 2 20.2 183°.54 0°.5/19.7 16

1 12	10 37.64	+10 27.8	2.378	3.141	13.0	22.8
1 22	10 33.33	+10 54.7	2.283	3.141	10.3	22.6
2 1	10 26.97	+11 32.1	2.211	3.141	7.0	22.4
2 11	10 19.07	+12 16.2	2.166	3.141	3.4	22.2
2 21	10 10.30	+13 2.4	2.151	3.139	0.7	22.0
3 2	10 1.53	+13 45.9	2.167	3.138	4.4	22.3
3 12	9 53.64	+14 22.2	2.212	3.135	8.0	22.5
3 22	9 47.32	+14 48.4	2.283	3.133	11.2	22.7

118781 2000 RN_{79} 2 20.2 93°.71 7°.3/26.9 18

1 12	10 34.29	−10 46.4	1.977	2.659	17.8	19.6
1 22	10 31.17	−11 19.2	1.885	2.663	15.4	19.5
2 1	10 25.76	−11 28.1	1.811	2.668	12.7	19.3
2 11	10 18.56	−11 10.6	1.759	2.672	9.9	19.1
2 21	10 10.34	−10 27.1	1.731	2.676	7.7	19.0
3 2	10 2.09	− 9 21.3	1.730	2.680	7.5	19.0
3 12	9 54.84	− 8 0.2	1.756	2.684	9.4	19.1
3 22	9 49.38	− 6 32.2	1.808	2.689	12.1	19.3

268513 2005 YB_{159} 2 20.2 328°.37 1°.1/19.2 18

1 12	10 33.61	+10 27.3	1.832	2.619	15.5	20.6
1 22	10 30.85	+11 11.4	1.742	2.615	12.2	20.3
2 1	10 25.65	+12 10.4	1.674	2.612	8.3	20.1
2 11	10 18.54	+13 19.2	1.632	2.608	4.0	19.8
2 21	10 10.34	+14 31.0	1.617	2.605	1.4	19.6
3 2	10 2.12	+15 38.0	1.631	2.602	5.6	19.9
3 12	9 54.97	+16 33.5	1.672	2.599	9.9	20.1
3 22	9 49.74	+17 13.6	1.737	2.596	13.6	20.4

163410 2002 RK_{18} 2 20.2 109°.25 0°.7/19.4 18

1 12	10 34.86	+10 46.1	2.288	3.060	13.2	20.1
1 22	10 31.17	+11 20.0	2.204	3.068	10.4	19.9
2 1	10 25.49	+12 4.4	2.143	3.076	7.0	19.7
2 11	10 18.32	+12 55.5	2.109	3.084	3.4	19.5
2 21	10 10.37	+13 48.0	2.104	3.092	1.0	19.3
3 2	10 2.49	+14 36.8	2.129	3.099	4.5	19.6
3 12	9 55.53	+15 17.2	2.183	3.107	8.0	19.8
3 22	9 50.13	+15 46.6	2.262	3.114	11.2	20.0

372958 2011 BU_{99} 2 20.2 132°.75 2°.0/21.8 18

1 12	10 36.91	+ 4 17.5	2.027	2.779	15.3	21.0
1 22	10 33.08	+ 4 14.1	1.936	2.783	12.4	20.8
2 1	10 26.97	+ 4 25.5	1.867	2.786	8.9	20.6
2 11	10 19.11	+ 4 50.0	1.822	2.789	5.0	20.4
2 21	10 10.30	+ 5 24.0	1.806	2.792	2.0	20.1
3 2	10 1.51	+ 6 3.0	1.819	2.795	4.4	20.3
3 12	9 53.74	+ 6 41.5	1.860	2.797	8.3	20.6
3 22	9 47.76	+ 7 15.0	1.927	2.800	11.9	20.8

128214 2003 SF_{75} 2 20.2 132°.93 0°.5/20.7 18

1 12	10 35.58	+ 7 19.4	2.252	3.012	13.8	20.2
1 22	10 31.77	+ 7 37.8	2.163	3.018	11.0	20.1
2 1	10 25.93	+ 8 8.9	2.097	3.023	7.6	19.9
2 11	10 18.55	+ 8 49.4	2.057	3.029	3.9	19.6
2 21	10 10.36	+ 9 35.3	2.046	3.034	0.5	19.4
3 2	10 2.20	+10 21.4	2.065	3.039	4.1	19.7
3 12	9 54.97	+11 2.9	2.113	3.044	7.8	19.9
3 22	9 49.33	+11 36.3	2.186	3.049	11.1	20.1

100452 1996 RY_{27} 2 20.2 155°.10 0°.5/20.6 18

1 12	10 42.87	+ 6 46.3	2.015	2.764	15.5	22.2
1 22	10 37.71	+ 7 12.8	1.928	2.777	12.4	22.0
2 1	10 30.11	+ 7 54.2	1.864	2.788	8.6	21.8
2 11	10 20.64	+ 8 46.8	1.826	2.798	4.4	21.5
2 21	10 10.17	+ 9 45.3	1.818	2.806	0.5	21.2
3 2	9 59.78	+10 43.2	1.840	2.814	4.7	21.6
3 12	9 50.55	+11 34.8	1.892	2.820	8.8	21.8
3 22	9 43.28	+12 15.9	1.970	2.825	12.4	22.1

42645 1998 FW_{67} 2 20.2 285°.28 0°.6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.27	+ 6 25.3	1.608	2.388	17.6	19.1
1 22	10 32.57	+ 6 49.3	1.514	2.381	14.1	18.9
2 1	10 27.08	+ 7 32.7	1.441	2.373	9.9	18.6
2 11	10 19.35	+ 8 32.1	1.392	2.366	5.1	18.3
2 21	10 10.28	+ 9 41.2	1.370	2.358	0.7	18.0
3 2	10 1.10	+10 51.9	1.375	2.351	5.5	18.3
3 12	9 53.12	+11 55.8	1.406	2.343	10.4	18.6
3 22	9 47.35	+12 46.7	1.461	2.336	14.8	18.8

223749 2004 RO_{189} 2 20.2 100°.76 3°.9/23.8 18

1 12	10 36.86	− 2 6.6	2.169	2.887	15.4	20.3
1 22	10 32.78	− 2 20.3	2.086	2.903	12.8	20.2
2 1	10 26.60	− 2 16.2	2.024	2.919	9.7	20.0
2 11	10 18.87	− 1 55.0	1.986	2.935	6.5	19.8
2 21	10 10.34	− 1 19.0	1.977	2.951	4.1	19.7
3 2	10 1.91	− 0 32.4	1.996	2.966	4.9	19.8
3 12	9 54.47	+ 0 19.2	2.045	2.981	7.7	20.0
3 22	9 48.69	+ 1 10.3	2.119	2.995	10.8	20.2

466508 2014 GY_{48} 2 20.2 284°.64 29°.4/12.0 18

1 12	13 23.57	+78 12.2	1.260	1.863	29.4	21.7
1 22	14 2.86	+81 17.4	1.225	1.816	30.6	21.7
2 1	14 41.16	+84 17.6	1.198	1.767	32.1	21.6
2 11	15 9.23	+87 14.3	1.176	1.716	33.8	21.5
2 21	8 2.56	+89 32.2	1.156	1.662	35.7	21.5
3 2	5 33.42	+86 32.2	1.136	1.606	37.7	21.4
3 12	6 2.09	+83 4.7	1.115	1.548	39.8	21.4
3 22	6 35.92	+79 10.7	1.092	1.489	42.0	21.3

26617 2000 GV_{9} 2 20.2 158°.86 2°.2/22.0 18

1 12	10 39.49	+ 2 5.0	1.933	2.674	16.3	19.7
1 22	10 35.22	+ 2 21.9	1.843	2.682	13.3	19.5
2 1	10 28.51	+ 2 57.6	1.774	2.689	9.6	19.3
2 11	10 19.91	+ 3 50.0	1.731	2.695	5.5	19.1
2 21	10 10.26	+ 4 54.4	1.716	2.701	2.2	18.9
3 2	10 0.64	+ 6 4.3	1.730	2.706	4.7	19.1
3 12	9 52.13	+ 7 12.6	1.774	2.709	8.7	19.3
3 22	9 45.55	+ 8 13.3	1.843	2.713	12.5	19.5

271853 2004 TP_{253} 2 20.2 66°.55 8°.8/ 1.6 18

1 12	10 32.61	−18 46.2	1.998	2.628	19.0	20.9
1 22	10 29.80	−18 55.9	1.914	2.644	16.9	20.7
2 1	10 24.76	−18 35.1	1.847	2.661	14.4	20.6
2 11	10 18.04	−17 41.2	1.799	2.677	11.8	20.4
2 21	10 10.43	−16 14.8	1.775	2.693	9.7	20.3
3 2	10 2.92	−14 21.0	1.778	2.709	8.8	20.3
3 12	9 56.46	−12 8.7	1.807	2.726	9.8	20.4
3 22	9 51.78	− 9 48.9	1.863	2.742	11.9	20.6

425723 2011 BK_{43} 2 20.2 307°.74 4°.3/22.9 17

1 12	10 37.60	+ 1 11.8	1.803	2.550	17.2	20.5
1 22	10 34.14	+ 0 27.2	1.699	2.536	14.3	20.3
2 1	10 28.05	− 0 2.2	1.614	2.523	10.8	20.0
2 11	10 19.82	− 0 15.4	1.553	2.509	7.1	19.8
2 21	10 10.26	− 0 13.2	1.519	2.496	4.4	19.6
3 2	10 0.50	+ 0 1.7	1.512	2.483	5.8	19.6
3 12	9 51.78	+ 0 24.2	1.532	2.471	9.6	19.8
3 22	9 45.07	+ 0 49.0	1.576	2.459	13.5	20.0

104814 2000 HH_{50} 2 20.2 254°.76 1°.9/21.8 17

1 12	10 35.98	+ 3 32.9	2.055	2.805	15.2	20.4
1 22	10 32.54	+ 3 42.6	1.944	2.790	12.4	20.2
2 1	10 26.77	+ 4 8.8	1.855	2.774	9.0	20.0
2 11	10 19.13	+ 4 50.2	1.792	2.758	5.1	19.7
2 21	10 10.34	+ 5 42.9	1.756	2.742	1.9	19.4
3 2	10 1.35	+ 6 41.6	1.750	2.725	4.6	19.6
3 12	9 53.24	+ 7 39.8	1.772	2.708	8.7	19.8
3 22	9 46.86	+ 8 31.9	1.819	2.691	12.5	20.0

70227 1999 RV_{50} 2 20.2 228°.48 2°.0/18.4 18

1 12	10 38.61	+13 2.1	2.043	2.821	14.4	20.2
1 22	10 34.66	+13 52.9	1.941	2.809	11.4	20.0
2 1	10 28.25	+14 56.3	1.861	2.796	7.8	19.7
2 11	10 19.86	+16 6.8	1.808	2.783	3.8	19.5
2 21	10 10.28	+17 17.6	1.784	2.769	2.3	19.3
3 2	10 0.53	+18 21.1	1.790	2.754	6.0	19.5
3 12	9 51.76	+19 11.5	1.825	2.739	10.0	19.7
3 22	9 44.84	+19 45.6	1.883	2.722	13.6	19.9

200763 2001 XY_{2} 2 20.2 64°.55 16°.1/ 6.3 18

1 12	10 43.59	−25 22.4	1.514	2.109	25.3	18.7
1 22	10 39.36	−27 41.6	1.461	2.138	23.3	18.6
2 1	10 31.81	−29 25.4	1.421	2.168	21.1	18.5
2 11	10 21.67	−30 25.0	1.396	2.198	18.9	18.4
2 21	10 10.13	−30 35.3	1.388	2.227	17.1	18.4
3 2	9 58.76	−29 56.9	1.401	2.257	16.2	18.4
3 12	9 49.13	−28 37.7	1.433	2.286	16.2	18.5
3 22	9 42.30	−26 50.5	1.486	2.314	17.2	18.6

21339 1997 CL_1 2 20.2 32°.29 2°.8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.98	+14 0.4	1.294	2.110	19.1	18.4
1 22	10 33.54	+14 44.8	1.231	2.121	14.9	18.1
2 1	10 27.86	+15 43.5	1.187	2.132	10.1	17.9
2 11	10 19.71	+16 48.6	1.167	2.144	5.0	17.6
2 21	10 10.31	+17 50.2	1.172	2.156	3.2	17.5
3 2	10 1.16	+18 39.0	1.202	2.170	7.6	17.8
3 12	9 53.74	+19 9.0	1.257	2.184	12.4	18.1
3 22	9 48.99	+19 18.2	1.333	2.198	16.6	18.4

109524 2001 QT_{244} 2 20.2 316°.66 4°.6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.98	+19 51.0	1.554	2.365	16.7	18.5
1 22	10 35.01	+20 29.8	1.463	2.350	13.2	18.3
2 1	10 28.94	+21 16.2	1.394	2.335	9.3	18.0
2 11	10 20.34	+22 2.4	1.349	2.321	5.6	17.7
2 21	10 10.24	+22 39.6	1.330	2.307	5.0	17.7
3 2	10 0.06	+23 0.2	1.337	2.293	8.6	17.8
3 12	9 51.28	+22 59.9	1.369	2.280	12.9	18.0
3 22	9 45.02	+22 38.5	1.423	2.268	16.9	18.2

424209 2007 QL_{10} 2 20.2 147°.68 0°.4/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.76	+11 21.4	2.305	3.072	13.3	21.4
1 22	10 33.45	+11 29.1	2.213	3.074	10.5	21.2
2 1	10 27.07	+11 45.5	2.145	3.077	7.2	21.0
2 11	10 19.14	+12 7.4	2.104	3.079	3.5	20.8
2 21	10 10.37	+12 31.0	2.093	3.081	0.6	20.6
3 2	10 1.65	+12 52.3	2.111	3.083	4.3	20.9
3 12	9 53.87	+13 7.5	2.159	3.085	8.0	21.1
3 22	9 47.72	+13 14.6	2.232	3.087	11.2	21.3

165884 2001 SO_{165} 2 20.2 157°.12 0°.8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.93	+ 6 47.1	2.511	3.263	12.7	20.6
1 22	10 31.07	+ 6 58.5	2.417	3.266	10.1	20.4
2 1	10 25.36	+ 7 21.1	2.345	3.269	7.1	20.2
2 11	10 18.28	+ 7 52.7	2.301	3.272	3.7	20.0
2 21	10 10.45	+ 8 29.6	2.286	3.274	0.8	19.8
3 2	10 2.64	+ 9 7.9	2.301	3.276	3.7	20.0
3 12	9 55.62	+ 9 43.3	2.346	3.278	7.1	20.3
3 22	9 50.02	+10 12.6	2.417	3.280	10.1	20.4

491026 2011 PC_7 2 20.2 191°.22 2°.6/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.19	+14 1.3	1.857	2.640	15.4	22.3
1 22	10 36.06	+14 59.6	1.768	2.639	12.1	22.1
2 1	10 29.27	+16 10.4	1.701	2.638	8.2	21.8
2 11	10 20.38	+17 27.2	1.660	2.635	4.2	21.6
2 21	10 10.27	+18 41.9	1.649	2.632	2.9	21.5
3 2	10 0.12	+19 46.3	1.667	2.628	6.6	21.7
3 12	9 51.16	+20 34.4	1.712	2.623	10.7	21.9
3 22	9 44.30	+21 3.8	1.781	2.618	14.4	22.2

167509 2003 YS_{113} 2 20.2 56°.28 6°.3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.36	+20 50.5	1.603	2.418	16.1	19.2
1 22	10 32.71	+22 45.3	1.536	2.424	12.6	19.0
2 1	10 27.18	+24 49.2	1.492	2.430	9.0	18.8
2 11	10 19.39	+26 50.6	1.474	2.437	6.5	18.7
2 21	10 10.36	+28 37.3	1.483	2.444	7.1	18.7
3 2	10 1.41	+29 59.2	1.520	2.451	10.1	18.9
3 12	9 53.86	+30 51.2	1.580	2.458	13.6	19.1
3 22	9 48.68	+31 13.5	1.662	2.465	16.8	19.4

268514 2005 YV_{161} 2 20.2 78°.87 0°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.38	+ 8 52.7	1.943	2.720	15.1	21.4
1 22	10 31.25	+ 9 33.4	1.857	2.723	11.9	21.1
2 1	10 25.81	+10 28.8	1.793	2.726	8.1	20.9
2 11	10 18.61	+11 34.6	1.754	2.730	3.9	20.7
2 21	10 10.43	+12 44.4	1.745	2.733	0.7	20.4
3 2	10 2.29	+13 51.1	1.764	2.736	5.0	20.7
3 12	9 55.18	+14 48.5	1.811	2.740	9.1	21.0
3 22	9 49.89	+15 32.4	1.883	2.743	12.7	21.2

133989 2004 TL_{351} 2 20.2 281°.93 6°.0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.97	+21 20.8	1.531	2.343	16.8	19.9
1 22	10 35.98	+22 31.5	1.441	2.327	13.4	19.6
2 1	10 29.75	+23 51.5	1.373	2.312	9.6	19.3
2 11	10 20.81	+25 10.8	1.329	2.296	6.5	19.1
2 21	10 10.22	+26 18.3	1.311	2.279	6.6	19.1
3 2	9 59.47	+27 4.1	1.320	2.263	10.0	19.2
3 12	9 50.15	+27 23.0	1.352	2.247	14.2	19.4
3 22	9 43.45	+27 14.6	1.405	2.231	18.1	19.6

124690 2001 SN_{125} 2 20.2 37°.28 2°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.91	+ 2 24.7	1.184	1.976	22.0	19.5
1 22	10 32.87	+ 2 24.6	1.119	1.988	17.9	19.3
2 1	10 27.52	+ 2 50.9	1.072	2.001	12.9	19.0
2 11	10 19.61	+ 3 41.4	1.046	2.015	7.4	18.8
2 21	10 10.35	+ 4 49.2	1.044	2.029	3.0	18.5
3 2	10 1.32	+ 6 4.6	1.066	2.045	6.1	18.8
3 12	9 54.03	+ 7 16.6	1.113	2.061	11.3	19.1
3 22	9 49.50	+ 8 16.9	1.181	2.077	16.0	19.4

505924 2015 EX_{61} 2 20.2 254°.48 1°.3/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.06	+11 15.9	2.256	3.034	13.2	20.8
1 22	10 29.96	+12 9.5	2.160	3.029	10.4	20.6
2 1	10 24.82	+13 15.5	2.087	3.023	7.0	20.4
2 11	10 18.10	+14 29.1	2.042	3.018	3.4	20.2
2 21	10 10.48	+15 44.2	2.026	3.012	1.6	20.0
3 2	10 2.81	+16 54.3	2.040	3.007	5.0	20.3
3 12	9 55.98	+17 53.8	2.082	3.001	8.7	20.5
3 22	9 50.70	+18 39.2	2.150	2.996	11.9	20.7

294362 2007 VP_{102} 2 20.2 52°.64 1°.5/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.38	+13 3.1	2.170	2.953	13.5	20.8
1 22	10 30.96	+13 38.6	2.088	2.959	10.6	20.6
2 1	10 25.45	+14 23.8	2.029	2.966	7.1	20.4
2 11	10 18.37	+15 13.8	1.996	2.972	3.5	20.2
2 21	10 10.47	+16 3.3	1.993	2.979	1.7	20.1
3 2	10 2.65	+16 46.8	2.019	2.986	5.1	20.3
3 12	9 55.80	+17 19.9	2.072	2.993	8.6	20.6
3 22	9 50.60	+17 40.4	2.151	3.000	11.8	20.8

105177 2000 OA_{27} 2 20.2 126°.80 1°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.41	+ 5 37.1	2.091	2.847	14.8	19.6
1 22	10 32.58	+ 5 58.3	2.005	2.857	11.8	19.4
2 1	10 26.59	+ 6 34.4	1.941	2.866	8.3	19.2
2 11	10 18.94	+ 7 22.3	1.904	2.874	4.4	19.0
2 21	10 10.42	+ 8 17.5	1.895	2.883	1.0	18.7
3 2	10 1.97	+ 9 14.0	1.915	2.891	4.3	19.0
3 12	9 54.51	+10 6.3	1.964	2.898	8.2	19.2
3 22	9 48.79	+10 49.9	2.039	2.906	11.6	19.5

291298 2006 BE_{139} 2 20.2 164°.45 0°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.70	+ 7 48.5	2.270	3.029	13.7	21.4
1 22	10 32.68	+ 8 0.2	2.177	3.031	10.9	21.2
2 1	10 26.60	+ 8 23.8	2.107	3.033	7.6	21.0
2 11	10 18.94	+ 8 56.3	2.063	3.035	3.9	20.7
2 21	10 10.43	+ 9 33.8	2.049	3.037	0.5	20.5
3 2	10 1.94	+10 11.7	2.064	3.039	4.1	20.8
3 12	9 54.36	+10 45.6	2.109	3.040	7.8	21.0
3 22	9 48.39	+11 11.9	2.179	3.041	11.1	21.2

432120 2009 BS_{29} 2 20.2 31°.07 2°.9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.98	+15 46.6	2.066	2.861	13.7	21.2
1 22	10 30.06	+16 52.1	1.986	2.865	10.6	21.0
2 1	10 24.95	+18 7.1	1.930	2.870	7.2	20.8
2 11	10 18.17	+19 25.3	1.900	2.874	3.9	20.6
2 21	10 10.50	+20 39.4	1.899	2.879	3.3	20.6
3 2	10 2.88	+21 42.5	1.928	2.884	6.3	20.8
3 12	9 56.26	+22 29.6	1.983	2.889	9.8	21.0
3 22	9 51.36	+22 58.8	2.062	2.894	12.9	21.2

383793 2007 WH_{42} 2 20.2 244°.41 4°.4/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.50	+22 38.6	2.382	3.176	12.1	20.8
1 22	10 31.83	+23 40.2	2.296	3.172	9.5	20.6
2 1	10 26.07	+24 45.3	2.235	3.168	6.8	20.5
2 11	10 18.71	+25 47.5	2.202	3.164	4.7	20.3
2 21	10 10.46	+26 40.5	2.197	3.160	4.9	20.3
3 2	10 2.23	+27 19.0	2.222	3.156	7.1	20.5
3 12	9 54.92	+27 39.9	2.273	3.152	9.9	20.6
3 22	9 49.24	+27 42.8	2.347	3.148	12.5	20.8

362169 2009 FU_3 2 20.2 336°.21 2°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.17	+12 7.7	1.312	2.128	18.9	20.8
1 22	10 31.58	+12 46.7	1.228	2.118	15.0	20.5
2 1	10 26.79	+13 43.7	1.164	2.109	10.3	20.2
2 11	10 19.38	+14 52.3	1.122	2.100	5.0	19.9
2 21	10 10.39	+16 3.0	1.105	2.092	2.5	19.7
3 2	10 1.32	+17 5.4	1.114	2.085	7.5	20.0
3 12	9 53.74	+17 51.0	1.146	2.079	12.8	20.2
3 22	9 48.79	+18 15.6	1.199	2.074	17.4	20.5

213634 2002 QO_{115} 2 20.2 253°.71 0°.1/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.09	+ 8 24.2	1.874	2.646	15.7	21.7
1 22	10 33.68	+ 8 50.8	1.769	2.632	12.6	21.5
2 1	10 27.73	+ 9 33.1	1.687	2.618	8.7	21.2
2 11	10 19.69	+10 27.4	1.629	2.604	4.3	20.9
2 21	10 10.38	+11 28.3	1.600	2.589	0.4	20.6
3 2	10 0.89	+12 28.5	1.599	2.573	5.2	20.9
3 12	9 52.40	+13 21.5	1.627	2.557	9.8	21.1
3 22	9 45.87	+14 2.3	1.678	2.541	13.8	21.3

109881 2001 SE_1 2 20.2 138°.37 2°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.00	+ 0 18.9	2.557	3.284	13.1	20.1
1 22	10 29.54	+ 0 32.0	2.462	3.290	10.7	19.9
2 1	10 24.33	+ 1 0.2	2.389	3.295	7.9	19.7
2 11	10 17.80	+ 1 42.1	2.342	3.300	4.9	19.6
2 21	10 10.56	+ 2 34.7	2.323	3.305	2.5	19.4
3 2	10 3.33	+ 3 33.6	2.335	3.309	3.8	19.5
3 12	9 56.85	+ 4 33.7	2.377	3.314	6.7	19.7
3 22	9 51.71	+ 5 30.3	2.445	3.318	9.7	19.9

133874 Jonnazucarelli 2 20.2 223°.09 15°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.60	−20 4.6	1.454	2.100	24.5	19.8
1 22	10 36.72	−22 4.6	1.367	2.096	22.5	19.6
2 1	10 30.47	−23 35.1	1.293	2.092	20.2	19.4
2 11	10 21.31	−24 26.5	1.235	2.087	17.8	19.2
2 21	10 10.23	−24 31.4	1.196	2.082	16.0	19.0
3 2	9 58.74	−23 47.6	1.178	2.077	15.3	19.0
3 12	9 48.60	−22 21.0	1.181	2.071	16.2	19.0
3 22	9 41.19	−20 24.3	1.203	2.065	18.2	19.1

258245 2001 TH_{160} 2 20.2 55°.83 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.91	+ 0 22.9	1.657	2.410	18.2	20.1
1 22	10 32.68	+ 0 17.7	1.584	2.427	14.9	20.0
2 1	10 26.88	+ 0 33.6	1.531	2.444	11.0	19.8
2 11	10 19.16	+ 1 9.2	1.501	2.461	6.8	19.5
2 21	10 10.45	+ 2 0.3	1.497	2.479	3.6	19.4
3 2	10 1.91	+ 3 0.6	1.521	2.497	5.2	19.5
3 12	9 54.66	+ 4 2.3	1.572	2.515	9.1	19.8
3 22	9 49.51	+ 4 58.8	1.647	2.533	12.9	20.1

230498 2002 TJ_{268} 2 20.2 107°.18 2°.0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.68	+ 4 33.2	1.546	2.309	18.9	20.7
1 22	10 38.20	+ 4 31.3	1.474	2.326	15.2	20.5
2 1	10 30.76	+ 4 48.2	1.421	2.343	10.8	20.3
2 11	10 21.09	+ 5 21.3	1.392	2.360	6.0	20.1
2 21	10 10.28	+ 6 5.4	1.390	2.376	2.1	19.8
3 2	9 59.70	+ 6 53.8	1.416	2.392	5.3	20.1
3 12	9 50.66	+ 7 39.4	1.469	2.407	10.0	20.4
3 22	9 44.07	+ 8 16.7	1.547	2.422	14.1	20.7

422409 2014 SC_{281} 2 20.2 181°.76 1°.6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.28	+13 1.0	2.183	2.955	13.8	22.2
1 22	10 34.88	+13 43.6	2.091	2.956	10.8	22.0
2 1	10 28.20	+14 36.6	2.022	2.956	7.3	21.8
2 11	10 19.79	+15 35.0	1.981	2.956	3.6	21.6
2 21	10 10.39	+16 32.8	1.970	2.955	1.9	21.5
3 2	10 1.00	+17 23.9	1.989	2.954	5.3	21.7
3 12	9 52.60	+18 3.5	2.036	2.952	9.0	21.9
3 22	9 45.97	+18 29.2	2.109	2.949	12.4	22.1

209542 2004 UJ_{3} 2 20.2 106°.30 12°.7/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 52.63	+43 54.3	1.804	2.578	16.2	19.9
1 22	10 46.63	+46 2.2	1.776	2.602	14.3	19.8
2 1	10 36.78	+47 53.9	1.769	2.625	13.0	19.8
2 11	10 24.05	+49 16.4	1.786	2.647	12.8	19.8
2 21	10 10.03	+50 0.6	1.827	2.668	13.5	19.9
3 2	9 56.66	+50 3.5	1.890	2.689	14.9	20.1
3 12	9 45.64	+49 28.8	1.973	2.709	16.6	20.2
3 22	9 37.97	+48 24.1	2.072	2.729	18.1	20.4

325275 2008 GY_{130} 2 20.2 263°.01 3°.7/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.86	− 2 29.8	2.032	2.760	16.1	21.7
1 22	10 30.94	− 2 19.9	1.920	2.744	13.4	21.5
2 1	10 25.74	− 1 48.4	1.827	2.728	10.2	21.2
2 11	10 18.69	− 0 55.4	1.759	2.712	6.7	21.0
2 21	10 10.48	+ 0 16.1	1.718	2.696	3.9	20.8
3 2	10 2.08	+ 1 40.7	1.705	2.679	5.0	20.8
3 12	9 54.50	+ 3 10.4	1.721	2.662	8.6	21.0
3 22	9 48.62	+ 4 37.4	1.763	2.644	12.4	21.2

491114 2011 SR_{84} 2 20.2 92°.21 1°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.64	+ 3 41.0	1.616	2.381	18.1	21.5
1 22	10 34.15	+ 4 3.9	1.541	2.396	14.6	21.3
2 1	10 27.96	+ 4 47.3	1.486	2.411	10.3	21.0
2 11	10 19.72	+ 5 48.1	1.456	2.425	5.6	20.8
2 21	10 10.41	+ 6 59.7	1.452	2.440	1.6	20.6
3 2	10 1.24	+ 8 14.3	1.477	2.454	5.1	20.8
3 12	9 53.43	+ 9 23.4	1.529	2.468	9.6	21.1
3 22	9 47.83	+10 21.2	1.605	2.481	13.7	21.4

10942 1999 CN_{83} 2 20.2 58°.33 2°.3/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.09	+16 20.4	1.546	2.340	17.6	17.9
1 22	10 39.21	+16 28.6	1.484	2.360	13.7	17.7
2 1	10 31.34	+16 44.1	1.443	2.381	9.3	17.5
2 11	10 21.30	+17 1.2	1.427	2.402	4.7	17.3
2 21	10 10.28	+17 13.5	1.438	2.423	2.6	17.2
3 2	9 59.69	+17 16.1	1.478	2.445	6.5	17.5
3 12	9 50.83	+17 6.4	1.543	2.466	10.8	17.8
3 22	9 44.51	+16 44.2	1.632	2.488	14.6	18.1

429914 2012 TN_{167} 2 20.2 160°.89 4°.4/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.19	+23 50.2	2.613	3.402	11.3	21.5
1 22	10 32.13	+24 50.9	2.533	3.406	8.9	21.4
2 1	10 26.14	+25 53.6	2.479	3.409	6.4	21.2
2 11	10 18.70	+26 52.3	2.452	3.411	4.6	21.1
2 21	10 10.50	+27 41.4	2.455	3.414	4.8	21.1
3 2	10 2.35	+28 16.2	2.488	3.416	6.8	21.3
3 12	9 55.08	+28 34.3	2.547	3.418	9.3	21.4
3 22	9 49.33	+28 35.7	2.630	3.420	11.6	21.6

22797 1999 NO_{18} 2 20.2 163°.17 1°.6/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.45	+13 4.2	2.082	2.855	14.3	19.2
1 22	10 35.85	+13 43.3	1.996	2.861	11.3	19.0
2 1	10 28.88	+14 32.7	1.932	2.867	7.6	18.8
2 11	10 20.12	+15 27.3	1.896	2.871	3.7	18.5
2 21	10 10.38	+16 21.0	1.890	2.876	1.9	18.4
3 2	10 0.69	+17 7.6	1.913	2.879	5.4	18.6
3 12	9 52.10	+17 42.5	1.965	2.882	9.2	18.9
3 22	9 45.39	+18 3.5	2.042	2.884	12.6	19.1

453834 2011 SM_{182} 2 20.2 66°.29 5°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.99	− 4 13.9	1.481	2.220	20.6	20.9
1 22	10 34.51	− 4 22.0	1.418	2.246	17.2	20.7
2 1	10 28.21	− 4 2.7	1.373	2.273	13.1	20.5
2 11	10 19.81	− 3 16.6	1.350	2.299	8.8	20.4
2 21	10 10.41	− 2 8.1	1.352	2.326	5.5	20.2
3 2	10 1.30	− 0 45.1	1.381	2.352	6.2	20.3
3 12	9 53.71	+ 0 42.2	1.436	2.379	9.8	20.6
3 22	9 48.47	+ 2 4.7	1.516	2.405	13.5	20.9

101431 1998 VX_{32} 2 20.2 156°.91 1°.6/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.92	+13 8.1	2.055	2.832	14.4	20.0
1 22	10 34.68	+13 45.7	1.970	2.837	11.3	19.8
2 1	10 28.10	+14 33.6	1.907	2.843	7.6	19.6
2 11	10 19.73	+15 26.8	1.872	2.847	3.7	19.4
2 21	10 10.41	+16 19.0	1.866	2.852	1.9	19.3
3 2	10 1.15	+17 4.4	1.889	2.855	5.4	19.5
3 12	9 52.97	+17 38.2	1.941	2.859	9.3	19.7
3 22	9 46.66	+17 58.2	2.017	2.862	12.6	20.0

340788 2006 SD_{403} 2 20.2 183°.15 3°.5/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.85	+21 42.0	2.730	3.513	11.0	21.5
1 22	10 32.52	+22 25.5	2.643	3.513	8.6	21.3
2 1	10 26.35	+23 11.7	2.581	3.513	6.1	21.2
2 11	10 18.79	+23 55.6	2.547	3.513	3.9	21.0
2 21	10 10.50	+24 32.2	2.544	3.512	3.8	21.0
3 2	10 2.26	+24 57.5	2.570	3.511	5.9	21.1
3 12	9 54.85	+25 9.2	2.624	3.510	8.5	21.3
3 22	9 48.87	+25 6.8	2.703	3.509	10.9	21.5

95036 2002 AC_{27} 2 20.2 38°.36 3°.5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.45	+ 4 4.6	1.117	1.912	22.9	18.3
1 22	10 36.47	+ 3 28.4	1.063	1.932	18.5	18.1
2 1	10 29.94	+ 3 15.0	1.025	1.954	13.3	17.9
2 11	10 20.76	+ 3 23.1	1.009	1.977	7.8	17.7
2 21	10 10.34	+ 3 48.0	1.016	2.000	3.5	17.5
3 2	10 0.37	+ 4 22.6	1.047	2.025	6.4	17.7
3 12	9 52.43	+ 4 58.1	1.102	2.050	11.4	18.1
3 22	9 47.46	+ 5 27.9	1.179	2.075	16.0	18.4

432216 2009 FF_{38} 2 20.2 336°.07 0°.4/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 31.44	+ 8 26.7	2.189	2.963	13.7	20.8
1 22	10 28.74	+ 9 14.6	2.095	2.960	10.8	20.6
2 1	10 24.03	+10 16.9	2.023	2.956	7.4	20.4
2 11	10 17.75	+11 29.4	1.978	2.953	3.6	20.2
2 21	10 10.60	+12 46.3	1.962	2.950	0.7	19.9
3 2	10 3.41	+14 0.9	1.976	2.948	4.6	20.2
3 12	9 57.07	+15 7.3	2.017	2.945	8.4	20.4
3 22	9 52.28	+16 1.0	2.084	2.943	11.7	20.7

496340 2013 PB_{43} 2 20.2 174°.55 0°.1/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.34	+ 9 41.2	2.028	2.797	14.8	21.7
1 22	10 34.26	+ 9 48.7	1.937	2.797	11.8	21.5
2 1	10 27.85	+10 7.5	1.867	2.798	8.1	21.3
2 11	10 19.64	+10 34.5	1.824	2.798	4.0	21.0
2 21	10 10.44	+11 5.3	1.810	2.799	0.3	20.7
3 2	10 1.27	+11 35.0	1.825	2.799	4.7	21.0
3 12	9 53.15	+11 58.9	1.868	2.799	8.7	21.3
3 22	9 46.87	+12 14.1	1.936	2.799	12.3	21.5

502883 2015 DY_{216} 2 20.2 250°.39 0°.1/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.41	+ 8 45.6	2.537	3.299	12.3	21.7
1 22	10 30.01	+ 9 15.4	2.431	3.289	9.8	21.5
2 1	10 24.76	+ 9 56.5	2.349	3.278	6.7	21.2
2 11	10 18.08	+10 46.0	2.294	3.268	3.3	21.0
2 21	10 10.58	+11 39.6	2.269	3.257	0.3	20.7
3 2	10 3.01	+12 32.4	2.274	3.246	4.0	21.0
3 12	9 56.15	+13 19.7	2.308	3.235	7.5	21.2
3 22	9 50.66	+13 58.0	2.368	3.224	10.6	21.4

154553 2003 GO_{50} 2 20.2 332°.15 6°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 31.38	− 9 9.6	1.811	2.517	18.4	19.8
1 22	10 29.21	− 9 20.2	1.713	2.512	15.9	19.6
2 1	10 24.64	− 9 3.9	1.632	2.507	12.9	19.4
2 11	10 18.17	− 8 18.8	1.574	2.503	9.6	19.2
2 21	10 10.57	− 7 6.2	1.540	2.499	7.0	19.0
3 2	10 2.87	− 5 31.4	1.532	2.495	6.9	19.0
3 12	9 56.16	− 3 43.4	1.552	2.491	9.4	19.2
3 22	9 51.33	− 1 52.6	1.596	2.488	12.8	19.4

109608 2001 QL_{287} 2 20.2 238°.45 1°.8/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.35	+ 4 13.0	2.089	2.838	15.0	20.7
1 22	10 33.56	+ 4 16.7	1.982	2.827	12.2	20.5
2 1	10 27.47	+ 4 35.7	1.896	2.815	8.8	20.2
2 11	10 19.52	+ 5 8.3	1.836	2.803	5.0	20.0
2 21	10 10.46	+ 5 51.0	1.804	2.790	1.8	19.7
3 2	10 1.25	+ 6 38.9	1.802	2.778	4.5	19.9
3 12	9 52.94	+ 7 26.3	1.828	2.764	8.5	20.1
3 22	9 46.37	+ 8 8.1	1.880	2.751	12.2	20.3

164478 2006 FO_{8} 2 20.2 199°.85 1°.0/20.9 18

1 12	10 37.96	+ 5 46.3	1.823	2.587	16.4	21.1
1 22	10 34.32	+ 6 6.1	1.729	2.585	13.2	20.8
2 1	10 28.11	+ 6 43.3	1.656	2.582	9.3	20.6
2 11	10 19.86	+ 7 34.7	1.608	2.579	4.9	20.3
2 21	10 10.44	+ 8 35.0	1.588	2.576	1.0	20.0
3 2	10 0.95	+ 9 37.5	1.596	2.572	4.9	20.3
3 12	9 52.57	+10 35.1	1.633	2.568	9.4	20.5
3 22	9 46.21	+11 22.5	1.694	2.563	13.4	20.8

50884 2000 GZ_{37} 2 20.2 79°.06 4°.1/16.6 18

1 12	10 38.65	+21 44.5	2.146	2.939	13.3	19.3
1 22	10 34.39	+22 26.5	2.071	2.946	10.5	19.1
2 1	10 27.84	+23 11.5	2.019	2.953	7.3	18.9
2 11	10 19.59	+23 53.4	1.994	2.960	4.7	18.8
2 21	10 10.47	+24 25.9	1.997	2.967	4.5	18.8
3 2	10 1.51	+24 44.4	2.029	2.974	6.9	18.9
3 12	9 53.69	+24 46.5	2.088	2.982	10.0	19.1
3 22	9 47.73	+24 32.3	2.171	2.989	12.8	19.3

462652 2009 SE_{238} 2 20.2 197°.15 1°.0/19.1 16

1 12	10 37.08	+11 17.9	2.577	3.338	12.2	22.2
1 22	10 32.83	+12 3.0	2.476	3.335	9.6	22.0
2 1	10 26.66	+12 58.3	2.399	3.330	6.5	21.8
2 11	10 19.01	+14 0.0	2.350	3.325	3.1	21.6
2 21	10 10.52	+15 2.8	2.332	3.319	1.3	21.4
3 2	10 1.98	+16 1.5	2.346	3.313	4.5	21.6
3 12	9 54.20	+16 51.5	2.389	3.305	7.8	21.8
3 22	9 47.85	+17 29.8	2.458	3.297	10.8	22.0

249538 2010 GT_{161} 2 20.2 226°.57 7°.5/10.3 18

1 12	10 38.32	+35 31.4	2.691	3.475	11.1	20.6
1 22	10 34.11	+36 59.0	2.616	3.468	9.4	20.5
2 1	10 27.69	+38 22.2	2.567	3.461	8.0	20.4
2 11	10 19.56	+39 33.6	2.545	3.453	7.5	20.4
2 21	10 10.47	+40 26.5	2.550	3.445	8.1	20.4
3 2	10 1.38	+40 56.7	2.582	3.437	9.7	20.5
3 12	9 53.26	+41 2.9	2.638	3.428	11.5	20.6
3 22	9 46.86	+40 46.6	2.715	3.420	13.3	20.7

380099 2013 TT_{8} 2 20.2 187°.07 0°.2/20.4 16

1 12	10 37.21	+ 8 6.7	2.675	3.423	12.1	22.9
1 22	10 32.80	+ 8 32.4	2.574	3.423	9.6	22.8
2 1	10 26.56	+ 9 8.6	2.497	3.422	6.7	22.6
2 11	10 18.94	+ 9 52.7	2.447	3.420	3.3	22.3
2 21	10 10.54	+10 40.8	2.429	3.417	0.3	22.1
3 2	10 2.11	+11 28.3	2.441	3.414	3.8	22.4
3 12	9 54.43	+12 11.1	2.484	3.410	7.1	22.6
3 22	9 48.12	+12 46.0	2.553	3.405	10.1	22.7

84236 2002 SP_{27} 2 20.2 146°.64 1°.4/18.9 18

1 12	10 37.71	+11 30.6	2.000	2.777	14.7	20.5
1 22	10 33.80	+12 18.5	1.917	2.784	11.5	20.3
2 1	10 27.55	+13 18.9	1.856	2.791	7.8	20.1
2 11	10 19.50	+14 26.5	1.822	2.798	3.8	19.9
2 21	10 10.49	+15 34.5	1.817	2.804	1.7	19.7
3 2	10 1.54	+16 36.1	1.842	2.809	5.4	20.0
3 12	9 53.67	+17 25.8	1.894	2.814	9.3	20.3
3 22	9 47.66	+18 0.5	1.972	2.819	12.8	20.5

412625 2014 OS_{111} 2 20.2 278°.10 2°.8/18.5 18

1 12	10 40.79	+15 40.3	1.502	2.302	17.7	21.0
1 22	10 37.31	+16 6.3	1.411	2.291	14.0	20.7
2 1	10 30.61	+16 43.3	1.340	2.280	9.7	20.5
2 11	10 21.26	+17 25.0	1.294	2.269	5.0	20.2
2 21	10 10.33	+18 3.3	1.274	2.258	3.1	20.0
3 2	9 59.30	+18 30.5	1.281	2.247	7.5	20.2
3 12	9 49.72	+18 41.3	1.313	2.236	12.3	20.5
3 22	9 42.75	+18 34.0	1.367	2.225	16.7	20.7

420696 2012 KF_{42} 2 20.2 300°.99 1°.3/19.0 17

1 12	10 32.78	+ 9 23.8	1.813	2.600	15.6	21.0
1 22	10 30.33	+10 27.2	1.719	2.592	12.3	20.8
2 1	10 25.43	+11 48.5	1.647	2.584	8.4	20.5
2 11	10 18.58	+13 22.3	1.601	2.577	4.0	20.2
2 21	10 10.56	+15 0.4	1.582	2.570	1.6	20.1
3 2	10 2.45	+16 33.5	1.593	2.562	5.9	20.3
3 12	9 55.36	+17 53.5	1.631	2.555	10.2	20.6
3 22	9 50.19	+18 55.3	1.692	2.548	14.1	20.8

486124 2012 WY_{4} 2 20.2 283°.51 5°.7/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.21	+20 4.1	1.354	2.171	18.4	20.7
1 22	10 37.27	+21 7.1	1.273	2.163	14.6	20.4
2 1	10 30.80	+22 20.4	1.213	2.154	10.3	20.1
2 11	10 21.42	+23 33.7	1.176	2.146	6.5	19.9
2 21	10 10.32	+24 35.3	1.164	2.137	6.3	19.9
3 2	9 59.18	+25 15.0	1.178	2.129	10.1	20.0
3 12	9 49.73	+25 27.6	1.215	2.121	14.6	20.3
3 22	9 43.21	+25 13.2	1.272	2.113	18.8	20.5

429056 2009 DG_{70} 2 20.2 286°.28 1°.7/19.0 17

1 12	10 43.79	+17 12.5	2.371	3.139	12.9	20.6
1 22	10 38.35	+17 3.8	2.259	3.121	10.3	20.4
2 1	10 30.59	+16 58.3	2.171	3.103	7.1	20.2
2 11	10 21.01	+16 52.4	2.110	3.084	3.6	19.9
2 21	10 10.37	+16 42.6	2.080	3.066	1.9	19.8
3 2	9 59.66	+16 25.7	2.081	3.047	5.1	19.9
3 12	9 49.89	+15 59.9	2.112	3.028	8.7	20.1
3 22	9 41.89	+15 25.1	2.169	3.010	12.0	20.3

201097 2002 GY_{114} 2 20.2 11°.02 1°.3/19.2 18

1 12	10 33.67	+ 9 26.4	1.372	2.176	18.8	19.7
1 22	10 31.71	+10 19.3	1.294	2.177	14.9	19.5
2 1	10 26.72	+11 33.1	1.237	2.178	10.2	19.2
2 11	10 19.31	+13 1.0	1.203	2.180	4.9	18.9
2 21	10 10.53	+14 33.3	1.195	2.183	1.7	18.7
3 2	10 1.78	+15 58.7	1.213	2.185	6.8	19.0
3 12	9 54.49	+17 7.9	1.256	2.189	11.9	19.3
3 22	9 49.69	+17 55.8	1.321	2.192	16.3	19.6

309921 2009 FX_{24} 2 20.2 242°.69 4°.1/16.8 18

1 12	10 38.49	+17 53.8	1.775	2.573	15.5	20.7
1 22	10 35.01	+18 58.2	1.684	2.564	12.2	20.5
2 1	10 28.76	+20 13.0	1.616	2.555	8.4	20.3
2 11	10 20.27	+21 30.5	1.573	2.545	5.0	20.0
2 21	10 10.45	+22 41.4	1.559	2.535	4.6	20.0
3 2	10 0.53	+23 37.5	1.572	2.524	7.9	20.2
3 12	9 51.82	+24 13.3	1.612	2.514	11.9	20.4
3 22	9 45.31	+24 27.1	1.674	2.503	15.5	20.6

329817 2004 RJ_{137} 2 20.2 157°.79 3°.9/24.6 18

1 12	10 34.93	− 5 9.9	2.520	3.214	14.1	21.4
1 22	10 31.11	− 4 58.2	2.422	3.221	11.8	21.3
2 1	10 25.46	− 4 27.7	2.345	3.228	9.1	21.1
2 11	10 18.42	− 3 39.1	2.293	3.234	6.3	20.9
2 21	10 10.62	− 2 34.9	2.270	3.240	4.1	20.8
3 2	10 2.81	− 1 19.7	2.277	3.244	4.5	20.8
3 12	9 55.79	+ 0 0.5	2.314	3.249	7.0	21.0
3 22	9 50.16	+ 1 19.8	2.378	3.253	9.8	21.2

416963 2005 SV_{222} 2 20.2 81°.33 0°.2/20.4 18

1 12	10 37.44	+ 7 35.5	1.862	2.631	15.9	21.9
1 22	10 33.58	+ 8 6.1	1.791	2.652	12.6	21.7
2 1	10 27.35	+ 8 51.6	1.742	2.672	8.6	21.5
2 11	10 19.37	+ 9 47.6	1.719	2.693	4.3	21.3
2 21	10 10.54	+10 48.3	1.724	2.713	0.3	21.0
3 2	10 1.90	+11 46.8	1.759	2.733	4.7	21.4
3 12	9 54.48	+12 37.3	1.821	2.753	8.8	21.7
3 22	9 48.99	+13 16.0	1.908	2.772	12.4	22.0

287495 2003 BV_{30} 2 20.2 353°.19 4°.7/23.1 17

1 12	10 37.96	+ 1 4.0	1.882	2.624	16.7	20.4
1 22	10 34.22	+ 0 1.8	1.786	2.619	13.9	20.1
2 1	10 28.00	− 0 46.9	1.710	2.615	10.6	19.9
2 11	10 19.82	− 1 20.8	1.659	2.612	7.1	19.7
2 21	10 10.50	− 1 39.8	1.635	2.609	4.8	19.6
3 2	10 1.11	− 1 45.8	1.639	2.607	5.9	19.6
3 12	9 52.79	− 1 42.4	1.670	2.606	9.1	19.8
3 22	9 46.40	− 1 34.3	1.725	2.606	12.6	20.0

114520 2003 BK_{11} 2 20.2 285°.35 1°.3/18.8 18

1 12	10 32.88	+12 9.2	2.362	3.141	12.7	19.8
1 22	10 29.75	+12 52.5	2.265	3.134	9.9	19.6
2 1	10 24.67	+13 46.4	2.192	3.128	6.7	19.4
2 11	10 18.08	+14 46.4	2.146	3.121	3.3	19.2
2 21	10 10.65	+15 47.3	2.129	3.115	1.6	19.0
3 2	10 3.17	+16 43.4	2.142	3.109	4.8	19.2
3 12	9 56.49	+17 29.9	2.183	3.103	8.3	19.4
3 22	9 51.29	+18 3.8	2.249	3.096	11.4	19.6

219810 2002 AC_{187} 2 20.2 61°.55 5°.8/15.6 18

1 12	10 39.90	+23 1.5	1.677	2.484	15.8	19.9
1 22	10 35.91	+24 13.7	1.624	2.506	12.4	19.7
2 1	10 29.11	+25 28.7	1.593	2.528	8.9	19.5
2 11	10 20.26	+26 37.3	1.587	2.550	6.2	19.4
2 21	10 10.47	+27 30.5	1.609	2.572	6.3	19.5
3 2	10 1.04	+28 2.2	1.657	2.594	9.0	19.7
3 12	9 53.18	+28 10.2	1.731	2.616	12.2	19.9
3 22	9 47.66	+27 56.2	1.826	2.638	15.1	20.2

41184 1999 VW_{199} 2 20.2 176°.21 3°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.67	− 3 59.3	2.525	3.228	13.8	19.8
1 22	10 30.16	− 3 37.2	2.422	3.230	11.5	19.7
2 1	10 24.84	− 2 56.3	2.341	3.231	8.8	19.5
2 11	10 18.13	− 1 57.6	2.285	3.232	5.8	19.3
2 21	10 10.65	− 0 44.1	2.258	3.233	3.6	19.2
3 2	10 3.13	+ 0 39.3	2.262	3.233	4.2	19.2
3 12	9 56.35	+ 2 6.2	2.296	3.233	7.0	19.4
3 22	9 50.94	+ 3 30.6	2.357	3.232	9.9	19.6

450975 2008 RM_{146} 2 20.2 120°.93 0°.1/20.3 18

1 12	10 42.59	+ 8 48.3	1.672	2.443	17.4	21.9
1 22	10 37.98	+ 9 4.8	1.597	2.458	13.8	21.7
2 1	10 30.57	+ 9 36.2	1.542	2.473	9.5	21.4
2 11	10 21.04	+10 18.2	1.513	2.487	4.7	21.2
2 21	10 10.41	+11 4.6	1.511	2.500	0.4	20.9
3 2	9 59.98	+11 48.7	1.539	2.513	5.3	21.3
3 12	9 50.98	+12 24.8	1.594	2.525	9.9	21.6
3 22	9 44.29	+12 49.2	1.673	2.537	13.9	21.8

466753 2015 AE_{116} 2 20.2 130°.73 1°.3/18.9 18

1 12	10 36.14	+12 1.0	2.213	2.988	13.5	21.6
1 22	10 32.32	+12 43.7	2.129	2.996	10.6	21.4
2 1	10 26.41	+13 36.9	2.069	3.004	7.2	21.2
2 11	10 18.92	+14 35.9	2.036	3.011	3.4	21.0
2 21	10 10.59	+15 35.0	2.032	3.019	1.6	20.8
3 2	10 2.33	+16 28.4	2.059	3.026	5.0	21.1
3 12	9 55.03	+17 11.3	2.113	3.033	8.5	21.3
3 22	9 49.38	+17 41.2	2.193	3.039	11.7	21.5

406400 2007 TC_{79} 2 20.2 187°.67 1°.3/19.1 18

1 12	10 41.16	+12 29.1	2.156	2.924	14.1	22.4
1 22	10 36.41	+13 1.1	2.061	2.923	11.1	22.2
2 1	10 29.32	+13 43.3	1.990	2.922	7.6	22.0
2 11	10 20.40	+14 31.4	1.945	2.920	3.7	21.7
2 21	10 10.46	+15 19.5	1.931	2.917	1.5	21.6
3 2	10 0.51	+16 2.1	1.947	2.914	5.2	21.8
3 12	9 51.57	+16 34.5	1.991	2.910	9.0	22.0
3 22	9 44.46	+16 54.3	2.061	2.904	12.5	22.2

28127 Ogden–Stenerson 2 20.2 118°.59 1°.2/21.1 18

1 12	10 40.76	+ 6 1.0	1.591	2.360	18.2	19.5
1 22	10 36.73	+ 6 10.2	1.513	2.371	14.6	19.3
2 1	10 29.84	+ 6 37.4	1.455	2.382	10.3	19.1
2 11	10 20.73	+ 7 19.1	1.421	2.392	5.4	18.8
2 21	10 10.44	+ 8 9.8	1.414	2.403	1.2	18.5
3 2	10 0.28	+ 9 2.3	1.436	2.412	5.3	18.8
3 12	9 51.55	+ 9 49.5	1.485	2.422	10.0	19.1
3 22	9 45.17	+10 26.5	1.557	2.430	14.2	19.4

4194 Sweitzer 2 20.2 359°.16 0°.4/20.6 18

1 12	10 33.34	+ 6 10.4	1.804	2.579	16.1	16.3
1 22	10 30.68	+ 6 47.2	1.715	2.579	12.9	16.1
2 1	10 25.61	+ 7 42.2	1.647	2.578	9.0	15.8
2 11	10 18.65	+ 8 51.5	1.605	2.578	4.5	15.6
2 21	10 10.61	+10 9.0	1.590	2.578	0.5	15.3
3 2	10 2.56	+11 26.6	1.603	2.578	4.9	15.6
3 12	9 55.58	+12 36.8	1.644	2.579	9.3	15.9
3 22	9 50.51	+13 34.1	1.709	2.580	13.2	16.1

494054 2016 BO_{44} 2 20.2 100°.77 0°.3/20.5 18

1 12	10 39.60	+ 7 33.5	1.811	2.578	16.4	21.8
1 22	10 35.36	+ 7 58.4	1.738	2.597	13.0	21.6
2 1	10 28.63	+ 8 38.5	1.687	2.616	8.9	21.4
2 11	10 20.03	+ 9 29.5	1.661	2.634	4.5	21.2
2 21	10 10.51	+10 25.6	1.663	2.652	0.4	20.9
3 2	10 1.18	+11 20.1	1.695	2.669	4.9	21.3
3 12	9 53.12	+12 7.1	1.755	2.686	9.1	21.6
3 22	9 47.12	+12 42.6	1.839	2.703	12.8	21.8

413286 2003 UN_{115} 2 20.2 199°.71 0°.1/20.2 17

1 12	10 40.19	+ 9 8.7	2.182	2.940	14.2	22.2
1 22	10 35.64	+ 9 30.1	2.081	2.936	11.3	22.0
2 1	10 28.80	+10 3.7	2.003	2.932	7.8	21.8
2 11	10 20.16	+10 45.9	1.953	2.926	3.9	21.5
2 21	10 10.49	+11 32.2	1.931	2.920	0.4	21.2
3 2	10 0.75	+12 17.0	1.940	2.913	4.6	21.6
3 12	9 51.96	+12 55.4	1.978	2.905	8.6	21.8
3 22	9 44.92	+13 24.0	2.042	2.897	12.1	22.0

345102 2005 NO_{42} 2 20.2 164°.58 2°.4/22.8 17

1 12	10 34.61	+ 1 26.6	2.733	3.457	12.4	21.4
1 22	10 30.70	+ 1 20.8	2.634	3.460	10.2	21.3
2 1	10 25.10	+ 1 27.4	2.557	3.462	7.5	21.1
2 11	10 18.23	+ 1 45.5	2.507	3.464	4.6	20.9
2 21	10 10.66	+ 2 13.0	2.485	3.466	2.5	20.7
3 2	10 3.08	+ 2 46.7	2.495	3.468	3.7	20.8
3 12	9 56.21	+ 3 22.6	2.534	3.469	6.5	21.0
3 22	9 50.62	+ 3 57.2	2.600	3.470	9.3	21.2

341560 2007 UQ_{33} 2 20.2 115°.54 6°.2/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.13	−11 14.2	2.646	3.298	14.3	20.8
1 22	10 31.18	−11 47.8	2.554	3.311	12.4	20.7
2 1	10 25.45	−12 3.0	2.483	3.323	10.3	20.5
2 11	10 18.41	−11 58.5	2.434	3.335	8.1	20.4
2 21	10 10.65	−11 34.6	2.413	3.347	6.5	20.3
3 2	10 2.91	−10 53.8	2.419	3.359	6.3	20.3
3 12	9 55.93	−10 0.4	2.454	3.371	7.6	20.4
3 22	9 50.31	− 9 0.0	2.515	3.382	9.7	20.6

354530 2004 RG_{180} 2 20.2 167°.40 0°.6/20.6 18

1 12	10 42.10	+ 8 12.0	1.812	2.576	16.5	21.3
1 22	10 37.53	+ 8 16.4	1.723	2.580	13.2	21.1
2 1	10 30.28	+ 8 34.7	1.656	2.583	9.2	20.9
2 11	10 20.93	+ 9 3.5	1.614	2.586	4.7	20.6
2 21	10 10.43	+ 9 38.2	1.600	2.588	0.6	20.3
3 2	9 59.96	+10 13.1	1.615	2.590	5.0	20.6
3 12	9 50.74	+10 42.8	1.659	2.591	9.5	20.9
3 22	9 43.66	+11 3.5	1.727	2.592	13.4	21.1

226768 2004 RA_{108} 2 20.2 37°.81 2°.4/22.4 18

1 12	10 32.47	+ 1 0.7	1.724	2.483	17.4	19.9
1 22	10 30.01	+ 1 24.4	1.643	2.492	14.1	19.7
2 1	10 25.12	+ 2 10.3	1.582	2.501	10.2	19.4
2 11	10 18.38	+ 3 15.8	1.545	2.510	6.0	19.2
2 21	10 10.64	+ 4 35.3	1.535	2.520	2.5	19.0
3 2	10 2.97	+ 6 1.2	1.553	2.530	4.8	19.2
3 12	9 56.43	+ 7 24.7	1.598	2.541	8.9	19.4
3 22	9 51.84	+ 8 38.7	1.668	2.552	12.8	19.7

491084 2011 SF_{6} 2 20.2 236°.62 2°.2/21.8 17

1 12	10 41.88	+ 4 12.3	1.866	2.614	16.6	22.9
1 22	10 37.56	+ 4 3.9	1.755	2.599	13.6	22.7
2 1	10 30.50	+ 4 11.4	1.665	2.583	9.9	22.4
2 11	10 21.17	+ 4 33.8	1.600	2.566	5.7	22.1
2 21	10 10.40	+ 5 7.8	1.563	2.548	2.3	21.9
3 2	9 59.35	+ 5 48.6	1.555	2.530	5.1	22.0
3 12	9 49.31	+ 6 29.9	1.575	2.510	9.7	22.2
3 22	9 41.33	+ 7 6.3	1.620	2.490	13.9	22.4

49280 1998 UT_{22} 2 20.2 100°.11 7°.6/13.4 18

1 12	10 41.91	+28 29.9	1.826	2.628	14.9	19.0
1 22	10 37.52	+30 4.1	1.771	2.644	12.0	18.9
2 1	10 30.27	+31 37.2	1.739	2.660	9.3	18.7
2 11	10 20.88	+32 58.6	1.732	2.676	7.7	18.7
2 21	10 10.44	+33 58.9	1.754	2.691	8.3	18.7
3 2	10 0.29	+34 32.3	1.801	2.706	10.5	18.9
3 12	9 51.67	+34 37.7	1.873	2.721	13.2	19.1
3 22	9 45.43	+34 17.7	1.966	2.736	15.7	19.3

135212 2001 RZ_{72} 2 20.2 198°.61 1°.3/18.7 18

1 12	10 36.63	+14 34.1	3.053	3.816	10.4	20.5
1 22	10 32.13	+14 59.2	2.952	3.812	8.2	20.3
2 1	10 26.01	+15 29.9	2.876	3.808	5.5	20.1
2 11	10 18.66	+16 3.2	2.829	3.803	2.7	19.9
2 21	10 10.64	+16 35.2	2.812	3.797	1.5	19.8
3 2	10 2.60	+17 2.6	2.827	3.791	4.0	20.0
3 12	9 55.24	+17 22.5	2.872	3.785	6.8	20.2
3 22	9 49.09	+17 33.3	2.944	3.778	9.4	20.4

50846 2000 FX_{45} 2 20.2 58°.98 6°.4/14.9 18

1 12	10 38.84	+23 49.3	1.673	2.482	15.7	19.2
1 22	10 35.37	+25 7.2	1.603	2.486	12.5	18.9
2 1	10 28.98	+26 29.3	1.556	2.491	9.1	18.8
2 11	10 20.33	+27 45.5	1.535	2.495	6.6	18.6
2 21	10 10.49	+28 46.1	1.540	2.500	7.0	18.6
3 2	10 0.79	+29 23.7	1.572	2.504	9.7	18.8
3 12	9 52.57	+29 35.3	1.628	2.509	13.1	19.0
3 22	9 46.74	+29 22.2	1.706	2.514	16.2	19.2

434851 2006 SX_{158} 2 20.2 96°.56 1°.5/21.9 18

1 12	10 33.05	+ 3 5.6	2.531	3.271	12.9	21.4
1 22	10 29.57	+ 3 29.4	2.445	3.285	10.4	21.3
2 1	10 24.36	+ 4 7.1	2.381	3.298	7.4	21.1
2 11	10 17.86	+ 4 56.4	2.345	3.310	4.2	20.9
2 21	10 10.70	+ 5 53.5	2.337	3.323	1.5	20.8
3 2	10 3.60	+ 6 53.8	2.360	3.336	3.6	20.9
3 12	9 57.29	+ 7 52.1	2.413	3.348	6.7	21.1
3 22	9 52.33	+ 8 44.3	2.492	3.361	9.7	21.3

207993 1998 FJ_{48} 2 20.2 298°.25 3°.3/17.7 17

1 12	10 40.38	+20 31.7	2.245	3.030	13.1	20.0
1 22	10 35.86	+20 46.9	2.141	3.013	10.3	19.8
2 1	10 28.99	+21 5.0	2.061	2.995	7.2	19.6
2 11	10 20.27	+21 21.1	2.008	2.978	4.2	19.4
2 21	10 10.50	+21 30.1	1.984	2.961	3.5	19.3
3 2	10 0.67	+21 27.9	1.989	2.944	6.3	19.4
3 12	9 51.84	+21 12.0	2.022	2.927	9.7	19.6
3 22	9 44.83	+20 42.5	2.080	2.911	12.8	19.8

350717 2001 XU_{110} 2 20.2 92°.86 0°.7/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.44	+ 9 5.3	1.558	2.340	18.0	21.4
1 22	10 36.42	+ 9 45.5	1.492	2.360	14.2	21.2
2 1	10 29.55	+10 42.4	1.446	2.381	9.6	21.0
2 11	10 20.54	+11 50.0	1.425	2.401	4.6	20.8
2 21	10 10.48	+13 0.4	1.432	2.420	0.9	20.5
3 2	10 0.69	+14 5.0	1.467	2.439	5.8	20.9
3 12	9 52.40	+14 57.1	1.529	2.458	10.4	21.2
3 22	9 46.50	+15 33.1	1.614	2.476	14.3	21.5

209572 2004 XL_{57} 2 20.2 47°.31 0°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.18	+ 7 38.0	1.320	2.116	19.9	20.5
1 22	10 34.36	+ 7 57.2	1.256	2.131	15.8	20.3
2 1	10 28.41	+ 8 36.0	1.210	2.147	10.9	20.1
2 11	10 20.07	+ 9 29.5	1.188	2.163	5.4	19.8
2 21	10 10.53	+10 30.0	1.191	2.179	0.5	19.5
3 2	10 1.25	+11 28.5	1.220	2.196	5.9	19.9
3 12	9 53.64	+12 17.1	1.274	2.214	11.0	20.2
3 22	9 48.63	+12 51.0	1.351	2.232	15.4	20.5

113822 2002 TS_{221} 2 20.2 93°.07 4°.9/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.64	+23 27.4	2.227	3.024	12.8	19.7
1 22	10 32.83	+24 35.7	2.156	3.032	10.0	19.5
2 1	10 26.81	+25 46.7	2.109	3.041	7.2	19.4
2 11	10 19.13	+26 53.2	2.089	3.049	5.2	19.2
2 21	10 10.61	+27 48.4	2.098	3.057	5.4	19.3
3 2	10 2.20	+28 26.8	2.135	3.066	7.6	19.4
3 12	9 54.85	+28 45.8	2.199	3.074	10.4	19.6
3 22	9 49.27	+28 45.5	2.285	3.082	13.0	19.8

276703 2004 BL_{11} 2 20.2 222°.75 1°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	11 7.88	+ 6 2.8	1.462	2.183	21.6	22.7
1 22	11 0.22	+ 7 20.8	1.334	2.166	17.8	22.3
2 1	10 47.74	+ 9 12.0	1.227	2.145	12.7	22.0
2 11	10 30.52	+11 32.2	1.147	2.118	6.4	21.5
2 21	10 9.59	+14 8.3	1.099	2.087	1.6	21.1
3 2	9 47.10	+16 40.9	1.087	2.051	8.8	21.4
3 12	9 25.86	+18 51.0	1.107	2.010	16.0	21.7
3 22	9 8.24	+20 28.9	1.154	1.963	22.2	21.9

35584 1998 HY_{46} 2 20.2 69°.50 4°.8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.50	− 5 50.4	1.890	2.606	17.4	18.3
1 22	10 30.58	− 5 43.2	1.807	2.620	14.7	18.1
2 1	10 25.39	− 5 11.6	1.744	2.633	11.4	17.9
2 11	10 18.49	− 4 15.9	1.704	2.647	7.8	17.7
2 21	10 10.67	− 2 59.5	1.690	2.660	5.1	17.6
3 2	10 2.92	− 1 29.1	1.704	2.674	5.5	17.6
3 12	9 56.24	+ 0 7.0	1.747	2.688	8.5	17.8
3 22	9 51.36	+ 1 40.2	1.815	2.701	11.8	18.1

512287 2016 GY_{165} 2 20.2 257°.35 2°.4/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.29	+15 49.7	2.210	2.993	13.3	22.6
1 22	10 33.49	+16 29.8	2.106	2.977	10.5	22.4
2 1	10 27.42	+17 18.6	2.025	2.961	7.2	22.1
2 11	10 19.54	+18 11.0	1.971	2.945	3.8	21.9
2 21	10 10.59	+19 0.9	1.946	2.928	2.7	21.8
3 2	10 1.50	+19 42.6	1.951	2.911	5.9	21.9
3 12	9 53.31	+20 11.4	1.984	2.894	9.5	22.1
3 22	9 46.83	+20 25.4	2.041	2.877	12.9	22.3

315530 2008 AP_{129} 2 20.2 53°.33 0°.6/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.02	+35 39.6	37.965	38.741	0.9	20.7
1 22	10 14.20	+35 46.0	37.897	38.745	0.7	20.7
2 1	10 13.27	+35 51.9	37.855	38.748	0.6	20.6
2 11	10 12.26	+35 56.9	37.842	38.751	0.6	20.6
2 21	10 11.21	+36 1.0	37.857	38.755	0.6	20.6
3 2	10 10.17	+36 3.8	37.900	38.758	0.7	20.7
3 12	10 9.17	+36 5.3	37.970	38.762	0.9	20.7
3 22	10 8.25	+36 5.4	38.063	38.765	1.1	20.7

201134 2002 JO_{82} 2 20.2 213°.46 2°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.15	+ 0 37.3	2.647	3.368	12.9	21.5
1 22	10 31.29	+ 0 44.7	2.536	3.360	10.6	21.3
2 1	10 25.62	+ 1 6.5	2.448	3.353	7.8	21.1
2 11	10 18.56	+ 1 41.6	2.387	3.344	4.8	20.9
2 21	10 10.68	+ 2 27.4	2.354	3.335	2.5	20.7
3 2	10 2.71	+ 3 20.1	2.352	3.326	3.8	20.8
3 12	9 55.43	+ 4 14.9	2.380	3.316	6.8	21.0
3 22	9 49.46	+ 5 7.2	2.436	3.305	9.8	21.2

181561 2006 UX_{286} 2 20.2 172°.18 0°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.25	+ 9 11.4	2.166	2.929	14.2	21.1
1 22	10 34.08	+ 9 41.7	2.074	2.932	11.2	20.9
2 1	10 27.69	+10 24.4	2.005	2.935	7.7	20.7
2 11	10 19.61	+11 15.9	1.963	2.937	3.8	20.5
2 21	10 10.60	+12 10.8	1.950	2.938	0.5	20.2
3 2	10 1.59	+13 3.5	1.967	2.939	4.6	20.5
3 12	9 53.55	+13 48.6	2.013	2.940	8.5	20.7
3 22	9 47.23	+14 22.8	2.085	2.940	11.9	21.0

419104 2009 SK_{171} 2 20.2 134°.70 4°.1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.02	+21 2.8	2.147	2.935	13.4	21.7
1 22	10 35.50	+21 56.8	2.072	2.945	10.5	21.5
2 1	10 28.65	+22 54.9	2.020	2.954	7.4	21.3
2 11	10 20.05	+23 50.4	1.996	2.963	4.7	21.2
2 21	10 10.57	+24 36.6	2.001	2.971	4.5	21.2
3 2	10 1.22	+25 8.1	2.035	2.979	7.1	21.3
3 12	9 53.01	+25 22.1	2.097	2.987	10.1	21.5
3 22	9 46.70	+25 18.6	2.182	2.994	13.0	21.7

305609 2008 YH_{158} 2 20.2 129°.12 2°.0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.29	+13 11.6	1.858	2.637	15.6	21.8
1 22	10 36.74	+13 58.8	1.783	2.652	12.2	21.6
2 1	10 29.62	+14 57.4	1.731	2.667	8.2	21.4
2 11	10 20.57	+16 1.2	1.705	2.680	4.0	21.2
2 21	10 10.52	+17 2.9	1.708	2.693	2.3	21.1
3 2	10 0.64	+17 55.5	1.741	2.706	6.0	21.3
3 12	9 52.05	+18 34.0	1.801	2.718	10.0	21.6
3 22	9 45.55	+18 56.4	1.886	2.729	13.5	21.8

416552 2004 BG_{124} 2 20.2 35°.22 4°.5/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.84	+21 45.4	1.748	2.551	15.5	20.3
1 22	10 35.75	+22 16.7	1.684	2.565	12.1	20.1
2 1	10 28.96	+22 50.8	1.643	2.580	8.5	19.9
2 11	10 20.22	+23 20.7	1.626	2.595	5.2	19.8
2 21	10 10.56	+23 39.8	1.637	2.611	4.8	19.8
3 2	10 1.22	+23 43.2	1.676	2.627	7.6	20.0
3 12	9 53.34	+23 29.3	1.740	2.644	11.1	20.2
3 22	9 47.71	+22 59.0	1.827	2.661	14.2	20.4

421272 2013 SV_{71} 2 20.2 123°.10 3°.3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.48	+17 30.7	2.071	2.863	13.8	20.9
1 22	10 32.84	+18 27.6	1.990	2.867	10.7	20.7
2 1	10 26.92	+19 32.2	1.933	2.871	7.3	20.5
2 11	10 19.24	+20 38.1	1.903	2.875	4.2	20.3
2 21	10 10.63	+21 38.2	1.902	2.879	3.7	20.2
3 2	10 2.08	+22 26.3	1.929	2.883	6.6	20.4
3 12	9 54.60	+22 58.3	1.984	2.886	10.0	20.6
3 22	9 48.94	+23 12.7	2.062	2.890	13.0	20.8

83914 2001 VA_{7} 2 20.2 168°.69 0°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.88	+10 10.7	2.967	3.722	10.9	21.0
1 22	10 30.78	+10 35.9	2.871	3.725	8.6	20.8
2 1	10 25.09	+11 9.5	2.800	3.729	5.8	20.7
2 11	10 18.23	+11 48.4	2.758	3.732	2.8	20.5
2 21	10 10.72	+12 29.2	2.746	3.734	0.5	20.3
3 2	10 3.24	+13 8.1	2.765	3.736	3.5	20.5
3 12	9 56.43	+13 41.8	2.814	3.738	6.5	20.7
3 22	9 50.82	+14 7.9	2.891	3.739	9.1	20.9

1308 Halleria 2 20.2 350°.04 1°.2/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.15	+13 7.0	2.098	2.877	14.0	15.6
1 22	10 33.30	+13 25.6	2.008	2.877	11.0	15.4
2 1	10 27.21	+13 53.2	1.941	2.877	7.5	15.2
2 11	10 19.39	+14 25.8	1.901	2.876	3.6	14.9
2 21	10 10.63	+14 58.4	1.889	2.876	1.4	14.8
3 2	10 1.91	+15 26.0	1.907	2.876	5.0	15.0
3 12	9 54.21	+15 44.6	1.952	2.876	8.8	15.2
3 22	9 48.28	+15 52.0	2.022	2.876	12.2	15.5

251465 2008 CP_{198} 2 20.2 49°.27 3°.0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.58	+17 51.6	1.464	2.264	18.1	20.6
1 22	10 39.90	+17 57.5	1.399	2.279	14.2	20.4
2 1	10 32.03	+18 9.6	1.355	2.294	9.7	20.2
2 11	10 21.79	+18 21.4	1.335	2.310	5.0	20.0
2 21	10 10.45	+18 26.6	1.343	2.326	3.2	19.9
3 2	9 59.52	+18 20.1	1.377	2.343	7.1	20.2
3 12	9 50.41	+17 59.8	1.437	2.360	11.5	20.5
3 22	9 44.01	+17 26.4	1.521	2.377	15.4	20.7

123188 2000 UW_{10} 2 20.2 188°.11 0°.2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.66	+ 8 48.7	2.168	2.922	14.4	20.6
1 22	10 36.79	+ 9 3.7	2.069	2.921	11.5	20.4
2 1	10 29.59	+ 9 30.6	1.994	2.920	8.0	20.2
2 11	10 20.58	+10 6.3	1.945	2.918	4.0	19.9
2 21	10 10.54	+10 46.2	1.926	2.915	0.3	19.6
3 2	10 0.47	+11 25.2	1.938	2.911	4.5	20.0
3 12	9 51.39	+11 58.5	1.979	2.907	8.5	20.2
3 22	9 44.11	+12 22.9	2.046	2.901	12.1	20.4

183390 2002 XX_{66} 2 20.2 153°.56 1°.2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.66	+ 5 1.7	2.323	3.065	13.9	20.9
1 22	10 34.16	+ 5 17.6	2.233	3.075	11.2	20.7
2 1	10 27.62	+ 5 47.1	2.164	3.083	7.9	20.5
2 11	10 19.54	+ 6 27.7	2.123	3.091	4.3	20.3
2 21	10 10.63	+ 7 15.4	2.111	3.099	1.2	20.1
3 2	10 1.76	+ 8 5.4	2.130	3.105	4.0	20.3
3 12	9 53.81	+ 8 52.6	2.179	3.111	7.6	20.5
3 22	9 47.45	+ 9 33.1	2.254	3.116	10.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
287475 2003 AY_{66}			2 20.2	55°.65	3°.7/17.9	18
	h m	° ′			°	m
1 12	10 42.79	+19 1.3	1.579	2.379	17.0	20.0
1 22	10 38.31	+19 25.3	1.515	2.394	13.3	19.8
2 1	10 30.85	+19 55.0	1.471	2.410	9.1	19.6
2 11	10 21.19	+20 23.1	1.453	2.426	5.1	19.4
2 21	10 10.50	+20 42.7	1.462	2.442	4.0	19.3
3 2	10 0.17	+20 48.4	1.499	2.459	7.3	19.6
3 12	9 51.50	+20 37.8	1.561	2.475	11.4	19.8
3 22	9 45.34	+20 11.6	1.646	2.492	14.9	20.1
163171 2002 CU_{220}			2 20.2	8°.31	1°.4/19.4	18
1 12	10 36.12	+11 55.6	1.252	2.066	19.8	20.0
1 22	10 33.94	+12 14.4	1.179	2.066	15.7	19.7
2 1	10 28.42	+12 49.4	1.124	2.068	10.7	19.4
2 11	10 20.23	+13 34.6	1.092	2.070	5.2	19.1
2 21	10 10.57	+14 21.7	1.085	2.073	1.7	18.9
3 2	10 1.01	+15 2.1	1.103	2.077	7.0	19.2
3 12	9 53.14	+15 28.5	1.145	2.081	12.3	19.5
3 22	9 48.05	+15 37.9	1.207	2.087	17.0	19.8
385032 2012 TL_{303}			2 20.2	100°.69	1°.9/22.0	18
1 12	10 35.85	+ 4 9.0	2.448	3.188	13.3	20.7
1 22	10 31.85	+ 4 2.9	2.357	3.196	10.7	20.6
2 1	10 25.98	+ 4 8.9	2.288	3.203	7.7	20.4
2 11	10 18.71	+ 4 25.5	2.246	3.211	4.4	20.2
2 21	10 10.70	+ 4 50.1	2.233	3.218	1.9	20.0
3 2	10 2.73	+ 5 19.1	2.251	3.226	3.8	20.2
3 12	9 55.60	+ 5 48.5	2.297	3.233	7.0	20.4
3 22	9 49.93	+ 6 14.7	2.370	3.240	10.0	20.6
252911 2002 LE_{17}			2 20.2	229°.32	5°.9/14.4	17
1 12	10 41.33	+24 59.1	2.159	2.950	13.3	21.3
1 22	10 36.93	+26 20.6	2.065	2.936	10.7	21.1
2 1	10 29.94	+27 46.2	1.995	2.922	7.9	20.9
2 11	10 20.85	+29 7.5	1.953	2.907	6.1	20.7
2 21	10 10.51	+30 15.8	1.940	2.891	6.5	20.7
3 2	10 0.03	+31 4.1	1.955	2.875	8.9	20.9
3 12	9 50.60	+31 28.7	1.997	2.857	11.9	21.0
3 22	9 43.16	+31 29.9	2.061	2.839	14.8	21.2
419752 2010 VN_{90}			2 20.2	147°.38	1°.2/21.4	18
1 12	10 39.27	+ 5 8.8	2.401	3.140	13.6	22.7
1 22	10 34.54	+ 5 23.2	2.312	3.152	10.9	22.5
2 1	10 27.83	+ 5 50.4	2.246	3.164	7.7	22.3
2 11	10 19.62	+ 6 28.1	2.207	3.175	4.1	22.1
2 21	10 10.64	+ 7 12.5	2.198	3.185	1.2	21.9
3 2	10 1.72	+ 7 59.0	2.219	3.194	3.9	22.1
3 12	9 53.70	+ 8 42.8	2.271	3.203	7.3	22.3
3 22	9 47.25	+ 9 20.3	2.350	3.210	10.5	22.6
403806 2011 UH_{64}			2 20.2	88°.28	5°.2/16.5	18
1 12	10 41.28	+20 41.3	1.566	2.372	16.8	20.7
1 22	10 37.36	+21 41.8	1.499	2.381	13.2	20.5
2 1	10 30.37	+22 48.7	1.453	2.391	9.3	20.3
2 11	10 21.04	+23 52.7	1.432	2.400	5.9	20.1
2 21	10 10.52	+24 44.4	1.438	2.410	5.6	20.2
3 2	10 0.23	+25 16.5	1.471	2.419	8.8	20.4
3 12	9 51.54	+25 25.5	1.529	2.428	12.6	20.6
3 22	9 45.40	+25 12.4	1.608	2.437	16.1	20.8
96481 1998 HX_{140}			2 20.3	319°.72	3°.7/23.2	18
1 12	10 31.10	− 1 25.5	1.460	2.226	19.7	19.2
1 22	10 29.65	− 1 10.1	1.364	2.214	16.4	19.0
2 1	10 25.37	− 0 26.0	1.286	2.203	12.3	18.7
2 11	10 18.76	+ 0 46.5	1.230	2.192	7.7	18.4
2 21	10 10.69	+ 2 22.7	1.199	2.181	3.9	18.1
3 2	10 2.42	+ 4 13.6	1.194	2.172	5.8	18.2
3 12	9 55.34	+ 6 6.7	1.215	2.162	10.6	18.5
3 22	9 50.53	+ 7 50.9	1.259	2.154	15.3	18.7
203809 2002 TT_{177}			2 20.3	144°.33	4°.0/24.6	17
1 12	10 36.48	− 4 22.5	2.843	3.529	12.8	20.7
1 22	10 32.07	− 4 42.9	2.747	3.540	10.7	20.5
2 1	10 26.00	− 4 48.9	2.672	3.550	8.4	20.4
2 11	10 18.70	− 4 40.5	2.624	3.559	5.9	20.2
2 21	10 10.72	− 4 18.8	2.604	3.568	4.2	20.1
3 2	10 2.76	− 3 46.5	2.615	3.576	4.5	20.1
3 12	9 55.51	− 3 7.4	2.655	3.584	6.5	20.3
3 22	9 49.53	− 2 25.7	2.722	3.591	8.9	20.5
138183 2000 EF_{112}			2 20.3	135°.43	4°.4/23.6	18
1 12	10 41.14	− 1 4.5	2.027	2.746	16.3	19.3
1 22	10 36.44	− 1 41.1	1.937	2.755	13.6	19.1
2 1	10 29.37	− 2 1.3	1.868	2.764	10.4	18.9
2 11	10 20.47	− 2 4.5	1.824	2.772	7.0	18.7
2 21	10 10.57	− 1 52.2	1.807	2.780	4.5	18.6
3 2	10 0.70	− 1 27.5	1.820	2.787	5.4	18.7
3 12	9 51.91	− 0 55.4	1.861	2.794	8.5	18.9
3 22	9 45.00	− 0 21.4	1.927	2.801	11.8	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
254671 2005 LG_{35}			2 20.3	122°.61	1°.6/18.7	18
	h m	° ′			°	m
1 12	10 37.49	+11 57.0	2.039	2.816	14.4	20.8
1 22	10 33.56	+12 52.1	1.962	2.830	11.3	20.6
2 1	10 27.36	+13 59.2	1.907	2.842	7.6	20.4
2 11	10 19.46	+15 12.5	1.879	2.855	3.7	20.2
2 21	10 10.66	+16 25.1	1.881	2.867	1.9	20.1
3 2	10 1.96	+17 30.2	1.912	2.878	5.4	20.3
3 12	9 54.35	+18 22.4	1.972	2.889	9.2	20.6
3 22	9 48.55	+18 59.0	2.056	2.900	12.5	20.8
57890 2002 CJ_{26}			2 20.3	92°.74	5°.7/24.3	18
1 12	10 39.89	− 3 9.6	1.917	2.633	17.3	19.1
1 22	10 35.67	− 4 3.3	1.826	2.638	14.6	18.9
2 1	10 28.96	− 4 39.4	1.755	2.643	11.4	18.7
2 11	10 20.33	− 4 56.3	1.709	2.648	8.1	18.5
2 21	10 10.59	− 4 54.2	1.688	2.653	5.8	18.4
3 2	10 0.85	− 4 35.6	1.696	2.658	6.4	18.5
3 12	9 52.20	− 4 5.7	1.731	2.663	9.2	18.6
3 22	9 45.49	− 3 30.3	1.791	2.668	12.4	18.8
340775 2006 SO_{358}			2 20.3	280°.70	4°.1/16.1	17
1 12	10 36.71	+22 26.9	2.382	3.174	12.2	20.6
1 22	10 32.79	+23 13.3	2.296	3.171	9.6	20.4
2 1	10 26.78	+24 2.6	2.235	3.168	6.8	20.3
2 11	10 19.17	+24 48.9	2.201	3.165	4.5	20.1
2 21	10 10.71	+25 26.5	2.196	3.162	4.5	20.1
3 2	10 2.29	+25 50.5	2.219	3.160	6.8	20.2
3 12	9 54.83	+25 58.5	2.270	3.157	9.6	20.4
3 22	9 49.01	+25 50.3	2.345	3.154	12.3	20.6
21943 1999 VG_{114}			2 20.3	243°.13	2°.7/22.2	18
1 12	10 40.48	+ 3 17.3	1.993	2.735	15.9	18.7
1 22	10 36.26	+ 3 1.0	1.882	2.720	13.1	18.5
2 1	10 29.51	+ 2 59.5	1.791	2.705	9.6	18.3
2 11	10 20.69	+ 3 12.2	1.726	2.689	5.7	18.0
2 21	10 10.58	+ 3 36.7	1.689	2.673	2.7	17.8
3 2	10 0.23	+ 4 9.0	1.681	2.655	4.9	17.9
3 12	9 50.82	+ 4 43.7	1.702	2.638	9.0	18.1
3 22	9 43.29	+ 5 15.8	1.748	2.620	12.9	18.3
325115 2008 EX_{47}			2 20.3	246°.10	1°.8/18.7	17
1 12	10 38.52	+13 54.4	2.160	2.936	13.8	22.1
1 22	10 34.53	+14 29.4	2.053	2.921	10.9	21.9
2 1	10 28.20	+15 14.5	1.970	2.905	7.4	21.6
2 11	10 19.99	+16 5.0	1.914	2.889	3.7	21.4
2 21	10 10.64	+16 54.9	1.887	2.872	2.1	21.2
3 2	10 1.15	+17 38.5	1.890	2.855	5.6	21.4
3 12	9 52.56	+18 10.7	1.920	2.837	9.4	21.6
3 22	9 45.72	+18 29.1	1.976	2.819	12.9	21.8
364747 2007 VB_{275}			2 20.3	8°.04	0°.6/19.8	18
1 12	10 33.97	+ 8 7.3	1.483	2.277	18.1	21.0
1 22	10 31.76	+ 8 54.4	1.401	2.278	14.4	20.7
2 1	10 26.69	+10 2.1	1.340	2.278	9.9	20.5
2 11	10 19.34	+11 24.7	1.303	2.279	4.8	20.2
2 21	10 10.70	+12 53.7	1.292	2.280	0.9	19.9
3 2	10 2.06	+14 18.8	1.308	2.282	6.1	20.3
3 12	9 54.76	+15 30.9	1.350	2.284	11.1	20.5
3 22	9 49.77	+16 24.4	1.415	2.286	15.4	20.8
167811 2005 BX_{25}			2 20.3	2°.23	0°.5/20.6	18
1 12	10 33.41	+ 7 12.0	1.303	2.105	19.8	19.6
1 22	10 31.69	+ 7 29.7	1.225	2.104	15.8	19.3
2 1	10 26.84	+ 8 8.6	1.165	2.103	11.1	19.0
2 11	10 19.48	+ 9 4.5	1.128	2.103	5.6	18.7
2 21	10 10.69	+10 10.3	1.116	2.104	0.5	18.4
3 2	10 1.92	+11 16.2	1.129	2.106	6.1	18.8
3 12	9 54.66	+12 13.2	1.167	2.109	11.5	19.1
3 22	9 49.97	+12 55.0	1.226	2.113	16.2	19.3
53267 1999 FP_{17}			2 20.3	191°.93	0°.3/20.5	18
1 12	10 36.63	+ 7 42.7	2.076	2.840	14.7	18.8
1 22	10 32.95	+ 8 5.1	1.981	2.839	11.7	18.6
2 1	10 27.03	+ 8 41.4	1.909	2.838	8.1	18.3
2 11	10 19.36	+ 9 28.1	1.864	2.837	4.1	18.1
2 21	10 10.71	+10 20.5	1.846	2.835	0.4	17.8
3 2	10 2.04	+11 12.8	1.859	2.833	4.5	18.1
3 12	9 54.34	+11 59.3	1.899	2.831	8.5	18.3
3 22	9 48.38	+12 36.0	1.965	2.829	12.1	18.6
154298 2002 TH_{289}			2 20.3	148°.24	0°.6/19.9	18
1 12	10 44.57	+10 42.9	1.815	2.582	16.3	20.9
1 22	10 39.42	+11 0.8	1.733	2.593	13.0	20.7
2 1	10 31.55	+11 30.9	1.673	2.604	8.9	20.5
2 11	10 21.59	+12 8.9	1.639	2.613	4.3	20.2
2 21	10 10.54	+12 48.8	1.634	2.622	0.8	20.0
3 2	9 59.62	+13 24.7	1.658	2.630	5.3	20.3
3 12	9 50.04	+13 51.6	1.711	2.637	9.7	20.6
3 22	9 42.68	+14 6.8	1.788	2.643	13.5	20.9

106410 2000 VJ_{31} 2 20.3 97°.07 1°.1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.24	+ 5 38.5	1.700	2.464	17.4	20.2
1 22	10 36.05	+ 5 57.0	1.629	2.484	13.9	20.0
2 1	10 29.22	+ 6 32.9	1.578	2.504	9.7	19.8
2 11	10 20.42	+ 7 22.5	1.553	2.524	5.1	19.6
2 21	10 10.65	+ 8 19.9	1.555	2.543	1.1	19.3
3 2	10 1.08	+ 9 18.1	1.585	2.561	4.9	19.7
3 12	9 52.88	+10 10.4	1.644	2.579	9.3	20.0
3 22	9 46.85	+10 52.1	1.727	2.597	13.2	20.2

224587 2005 XQ_{65} 2 20.3 55°.22 4°.3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.44	− 0 32.7	1.699	2.441	18.2	20.2
1 22	10 34.58	− 1 0.6	1.630	2.463	15.0	20.1
2 1	10 28.18	− 1 8.6	1.581	2.486	11.2	19.9
2 11	10 19.90	− 0 57.0	1.555	2.510	7.3	19.7
2 21	10 10.69	− 0 28.5	1.556	2.533	4.4	19.6
3 2	10 1.71	+ 0 11.7	1.585	2.556	5.5	19.7
3 12	9 54.06	+ 0 57.0	1.640	2.580	9.0	19.9
3 22	9 48.51	+ 1 41.2	1.720	2.604	12.5	20.2

436260 2010 CM_{7} 2 20.3 3°.14 11°.1/27.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.81	−12 2.7	1.654	2.344	20.5	20.2
1 22	10 33.05	−13 58.4	1.569	2.343	18.3	20.0
2 1	10 27.54	−15 32.2	1.501	2.343	15.7	19.8
2 11	10 19.79	−16 37.8	1.453	2.344	13.2	19.6
2 21	10 10.69	−17 11.2	1.428	2.347	11.5	19.5
3 2	10 1.45	−17 11.8	1.426	2.351	11.2	19.5
3 12	9 53.37	−16 44.2	1.448	2.356	12.6	19.6
3 22	9 47.47	−15 56.7	1.491	2.362	14.8	19.8

213615 2002 PX_{182} 2 20.3 228°.45 4°.0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.48	+18 48.7	1.923	2.716	14.6	21.0
1 22	10 35.60	+19 47.7	1.831	2.708	11.5	20.8
2 1	10 29.09	+20 54.9	1.763	2.700	8.0	20.6
2 11	10 20.47	+22 3.2	1.721	2.691	4.8	20.3
2 21	10 10.64	+23 4.5	1.707	2.681	4.5	20.3
3 2	10 0.73	+23 51.4	1.722	2.672	7.5	20.5
3 12	9 51.96	+24 19.2	1.763	2.662	11.2	20.7
3 22	9 45.25	+24 27.0	1.827	2.651	14.6	20.8

503162 2015 GT_{36} 2 20.3 340°.71 4°.4/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.85	+21 2.0	2.069	2.870	13.4	20.9
1 22	10 31.70	+21 59.7	1.985	2.866	10.6	20.7
2 1	10 26.24	+23 2.5	1.925	2.862	7.4	20.5
2 11	10 18.99	+24 3.8	1.891	2.858	4.8	20.4
2 21	10 10.76	+24 56.4	1.885	2.855	4.8	20.4
3 2	10 2.56	+25 34.2	1.908	2.852	7.4	20.5
3 12	9 55.40	+25 53.7	1.956	2.849	10.6	20.7
3 22	9 50.06	+25 54.2	2.028	2.846	13.6	20.9

29426 1997 CH_{28} 2 20.3 31°.67 1°.4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.29	+ 7 18.3	1.960	2.725	15.4	17.2
1 22	10 33.45	+ 7 1.3	1.879	2.735	12.3	17.0
2 1	10 27.31	+ 6 56.2	1.820	2.746	8.7	16.8
2 11	10 19.46	+ 7 1.1	1.786	2.756	4.7	16.6
2 21	10 10.73	+ 7 12.8	1.780	2.768	1.4	16.3
3 2	10 2.13	+ 7 27.3	1.803	2.779	4.4	16.6
3 12	9 54.63	+ 7 40.7	1.854	2.791	8.3	16.8
3 22	9 48.98	+ 7 49.5	1.930	2.804	11.8	17.1

366363 2000 ER_{51} 2 20.3 326°.91 0°.3/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.40	+ 8 34.7	1.533	2.323	17.8	21.4
1 22	10 32.90	+ 8 43.8	1.441	2.314	14.3	21.1
2 1	10 27.52	+ 9 9.5	1.370	2.305	10.0	20.8
2 11	10 19.80	+ 9 48.2	1.322	2.297	5.0	20.5
2 21	10 10.69	+10 34.3	1.300	2.289	0.4	20.2
3 2	10 1.48	+11 20.5	1.305	2.281	5.7	20.5
3 12	9 53.54	+11 59.8	1.335	2.274	10.7	20.8
3 22	9 47.91	+12 27.1	1.389	2.268	15.2	21.0

181871 1999 CO_{153} 2 20.3 66°.60 0°.0/20.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.15	+10 14.1	41.575	42.324	0.9	23.8
1 22	10 13.55	+10 17.4	41.475	42.326	0.7	23.7
2 1	10 12.86	+10 21.2	41.402	42.328	0.5	23.7
2 11	10 12.11	+10 25.3	41.357	42.330	0.2	23.7
2 21	10 11.34	+10 29.6	41.343	42.332	0.0	23.6
3 2	10 10.57	+10 33.9	41.360	42.334	0.3	23.7
3 12	10 9.83	+10 38.0	41.407	42.336	0.5	23.7
3 22	10 9.15	+10 41.8	41.482	42.338	0.7	23.7

361736 2007 XQ_{12} 2 20.3 40°.88 3°.6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.98	+ 2 7.0	1.503	2.268	19.3	20.9
1 22	10 34.79	+ 1 41.7	1.423	2.274	15.8	20.7
2 1	10 28.69	+ 1 36.3	1.362	2.280	11.7	20.5
2 11	10 20.31	+ 1 50.2	1.324	2.287	7.1	20.2
2 21	10 10.67	+ 2 20.4	1.312	2.294	3.7	20.0
3 2	10 1.10	+ 3 1.1	1.326	2.301	5.7	20.2
3 12	9 52.93	+ 3 45.1	1.365	2.309	10.1	20.4
3 22	9 47.12	+ 4 25.6	1.429	2.317	14.3	20.7

98706 2000 XY_{36} 2 20.3 245°.39 1°.5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.85	+13 43.2	1.835	2.613	15.8	19.4
1 22	10 38.38	+13 55.2	1.732	2.600	12.6	19.1
2 1	10 31.10	+14 17.0	1.652	2.586	8.7	18.8
2 11	10 21.53	+14 43.9	1.597	2.572	4.3	18.5
2 21	10 10.57	+15 10.5	1.570	2.557	1.7	18.3
3 2	9 59.47	+15 30.8	1.573	2.542	5.9	18.6
3 12	9 49.52	+15 40.5	1.603	2.527	10.4	18.8
3 22	9 41.76	+15 37.5	1.657	2.511	14.5	19.0

100555 1997 GY_{1} 2 20.3 357°.54 2°.0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.45	+ 4 13.9	1.332	2.124	19.9	19.6
1 22	10 30.87	+ 4 18.8	1.250	2.121	16.2	19.3
2 1	10 26.27	+ 4 46.6	1.188	2.119	11.6	19.0
2 11	10 19.22	+ 5 35.1	1.147	2.118	6.4	18.7
2 21	10 10.76	+ 6 38.4	1.130	2.117	2.0	18.4
3 2	10 2.27	+ 7 47.8	1.139	2.118	5.7	18.7
3 12	9 55.20	+ 8 53.5	1.173	2.119	11.0	19.0
3 22	9 50.61	+ 9 47.9	1.228	2.121	15.7	19.2

159203 2005 UY_{336} 2 20.3 125°.86 18°.5/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 57.67	+48 22.0	1.255	2.042	21.2	20.0
1 22	10 53.22	+51 9.9	1.227	2.051	19.5	19.9
2 1	10 42.87	+53 34.4	1.218	2.060	18.6	19.9
2 11	10 27.67	+55 14.9	1.228	2.069	18.7	19.9
2 21	10 10.10	+55 57.5	1.257	2.077	19.7	20.0
3 2	9 53.49	+55 38.5	1.302	2.084	21.3	20.1
3 12	9 40.73	+54 25.8	1.363	2.091	23.1	20.3
3 22	9 33.17	+52 32.9	1.437	2.098	24.8	20.4

89416 2001 WP_{26} 2 20.3 190°.79 1°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.88	+10 52.1	1.764	2.543	16.3	21.0
1 22	10 35.99	+11 29.0	1.674	2.542	12.9	20.8
2 1	10 29.39	+12 20.4	1.606	2.541	8.8	20.6
2 11	10 20.64	+13 21.1	1.564	2.539	4.3	20.3
2 21	10 10.65	+14 24.1	1.549	2.537	1.4	20.1
3 2	10 0.63	+15 21.7	1.564	2.534	5.8	20.4
3 12	9 51.82	+16 7.7	1.606	2.531	10.3	20.6
3 22	9 45.17	+16 38.4	1.671	2.527	14.3	20.8

405083 2001 UG_{209} 2 20.3 64°.62 3°.9/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.62	+16 59.0	1.652	2.453	16.3	20.6
1 22	10 34.88	+18 12.4	1.597	2.479	12.6	20.4
2 1	10 28.44	+19 34.6	1.565	2.505	8.6	20.3
2 11	10 20.03	+20 57.0	1.558	2.530	4.9	20.1
2 21	10 10.72	+22 10.2	1.579	2.556	4.3	20.1
3 2	10 1.72	+23 6.6	1.628	2.582	7.5	20.4
3 12	9 54.20	+23 42.3	1.703	2.608	11.2	20.6
3 22	9 48.92	+23 56.6	1.801	2.633	14.5	20.9

205522 2001 SF_{94} 2 20.3 211°.54 0°.1/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.52	+ 8 58.1	2.881	3.632	11.3	22.0
1 22	10 31.43	+ 9 16.9	2.775	3.625	8.9	21.8
2 1	10 25.65	+ 9 44.9	2.692	3.618	6.2	21.6
2 11	10 18.60	+10 19.5	2.638	3.610	3.1	21.4
2 21	10 10.83	+10 57.4	2.614	3.602	0.2	21.1
3 2	10 3.00	+11 34.7	2.621	3.594	3.5	21.4
3 12	9 55.82	+12 8.0	2.658	3.584	6.7	21.6
3 22	9 49.88	+12 34.5	2.722	3.575	9.5	21.8

108612 2001 MG_{24} 2 20.3 200°.12 2°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.61	+15 22.8	2.432	3.205	12.5	20.1
1 22	10 34.25	+16 13.3	2.334	3.201	9.8	19.9
2 1	10 27.80	+17 12.2	2.261	3.196	6.7	19.7
2 11	10 19.73	+18 14.3	2.216	3.190	3.5	19.5
2 21	10 10.74	+19 13.8	2.202	3.183	2.6	19.4
3 2	10 1.69	+20 5.2	2.218	3.176	5.5	19.6
3 12	9 53.50	+20 44.0	2.263	3.168	8.8	19.8
3 22	9 46.88	+21 8.3	2.333	3.159	11.8	20.0

498886 2008 YA_{124} 2 20.3 67°.83 2°.4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.66	+ 2 31.1	2.160	2.903	14.8	21.5
1 22	10 31.97	+ 2 25.1	2.076	2.915	12.0	21.3
2 1	10 26.21	+ 2 34.1	2.014	2.927	8.7	21.1
2 11	10 18.91	+ 2 56.5	1.977	2.939	5.2	21.0
2 21	10 10.81	+ 3 29.4	1.968	2.952	2.5	20.8
3 2	10 2.79	+ 4 8.3	1.989	2.964	4.2	20.9
3 12	9 55.73	+ 4 48.3	2.038	2.976	7.6	21.2
3 22	9 50.30	+ 5 24.9	2.113	2.989	10.8	21.4

503189 2015 HX_{3} 2 20.3 6°.54 5°.1/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.69	− 2 25.5	1.885	2.617	17.0	20.9
1 22	10 31.65	− 3 6.1	1.794	2.618	14.3	20.7
2 1	10 26.27	− 3 28.5	1.723	2.619	11.1	20.5
2 11	10 19.05	− 3 31.6	1.675	2.620	7.7	20.3
2 21	10 10.79	− 3 16.3	1.653	2.623	5.3	20.1
3 2	10 2.50	− 2 46.0	1.658	2.625	5.9	20.2
3 12	9 55.24	− 2 6.3	1.690	2.629	8.9	20.3
3 22	9 49.82	− 1 23.4	1.747	2.633	12.2	20.5

282489 2004 OL_1 2 20.3 245°.79 2°.0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.40	+11 35.6	1.979	2.763	14.6	20.3
1 22	10 31.46	+12 45.5	1.884	2.756	11.5	20.1
2 1	10 26.17	+14 10.4	1.812	2.750	7.8	19.8
2 11	10 19.03	+15 44.5	1.767	2.743	3.8	19.6
2 21	10 10.79	+17 19.8	1.751	2.736	2.3	19.5
3 2	10 2.45	+18 47.6	1.765	2.729	6.0	19.7
3 12	9 55.07	+20 1.0	1.806	2.722	10.0	19.9
3 22	9 49.49	+20 55.9	1.872	2.714	13.5	20.1

501313 2013 WJ_{91} 2 20.3 90°.10 4°.7/24.8 17

1 12	10 35.80	− 4 29.6	2.287	2.990	15.1	21.4
1 22	10 31.98	− 4 53.3	2.199	3.003	12.7	21.3
2 1	10 26.18	− 4 59.2	2.133	3.015	9.9	21.1
2 11	10 18.89	− 4 47.2	2.090	3.028	7.0	20.9
2 21	10 10.81	− 4 18.7	2.075	3.040	4.9	20.8
3 2	10 2.78	− 3 37.2	2.089	3.053	5.3	20.9
3 12	9 55.64	− 2 47.9	2.131	3.065	7.6	21.0
3 22	9 50.06	− 1 56.2	2.200	3.077	10.4	21.2

308730 2006 HR_{44} 2 20.3 223°.48 4°.4/16.8 18

1 12	10 40.46	+19 12.7	1.771	2.568	15.5	20.8
1 22	10 36.59	+20 10.0	1.684	2.562	12.3	20.6
2 1	10 29.88	+21 15.6	1.619	2.556	8.5	20.4
2 11	10 20.91	+22 21.6	1.580	2.550	5.2	20.2
2 21	10 10.65	+23 19.3	1.569	2.543	4.8	20.1
3 2	10 0.35	+24 1.1	1.586	2.537	8.0	20.3
3 12	9 51.33	+24 22.5	1.629	2.529	11.9	20.5
3 22	9 44.58	+24 22.7	1.694	2.522	15.4	20.7

239359 2007 RU_{181} 2 20.3 212°.29 3°.7/16.8 17

1 12	10 39.10	+21 26.2	2.395	3.180	12.3	20.8
1 22	10 34.65	+22 2.3	2.306	3.177	9.7	20.7
2 1	10 28.05	+22 41.5	2.241	3.174	6.8	20.5
2 11	10 19.84	+23 18.3	2.204	3.171	4.3	20.3
2 21	10 10.75	+23 47.2	2.196	3.168	4.0	20.3
3 2	10 1.71	+24 3.9	2.218	3.164	6.4	20.4
3 12	9 53.64	+24 6.0	2.267	3.160	9.3	20.6
3 22	9 47.25	+23 53.1	2.341	3.156	12.1	20.8

26628 2000 GX_{114} 2 20.3 192°.04 3°.0/23.7 18

1 12	10 33.52	− 1 44.5	2.662	3.375	13.0	18.1
1 22	10 30.00	− 1 38.9	2.558	3.373	10.8	18.0
2 1	10 24.75	− 1 17.9	2.476	3.372	8.1	17.8
2 11	10 18.19	− 0 42.3	2.420	3.370	5.3	17.6
2 21	10 10.89	+ 0 5.7	2.392	3.368	3.2	17.4
3 2	10 3.54	+ 1 2.2	2.394	3.366	4.0	17.5
3 12	9 56.88	+ 2 2.2	2.426	3.363	6.6	17.7
3 22	9 51.50	+ 3 1.0	2.486	3.360	9.5	17.8

380352 2002 RS_{227} 2 20.3 59°.15 3°.4/23.7 18

1 12	10 32.96	− 2 6.8	2.066	2.796	15.8	20.8
1 22	10 29.98	− 1 55.6	1.982	2.808	13.0	20.6
2 1	10 24.93	− 1 24.4	1.919	2.821	9.8	20.4
2 11	10 18.32	− 0 34.4	1.880	2.834	6.3	20.2
2 21	10 10.89	+ 0 30.7	1.869	2.847	3.6	20.1
3 2	10 3.52	+ 1 45.1	1.886	2.860	4.6	20.2
3 12	9 57.11	+ 3 1.9	1.932	2.873	7.8	20.4
3 22	9 52.33	+ 4 14.6	2.004	2.886	11.0	20.6

79469 1998 AH_2 2 20.3 81°.57 3°.3/16.8 18

1 12	10 34.43	+17 32.8	2.244	3.035	12.8	19.2
1 22	10 31.08	+18 39.4	2.167	3.043	10.0	19.0
2 1	10 25.65	+19 53.3	2.114	3.051	6.8	18.9
2 11	10 18.67	+21 8.2	2.088	3.060	4.0	18.7
2 21	10 10.87	+22 17.3	2.092	3.068	3.6	18.7
3 2	10 3.12	+23 14.5	2.125	3.076	6.3	18.9
3 12	9 56.33	+23 55.8	2.186	3.084	9.4	19.1
3 22	9 51.17	+24 19.7	2.270	3.092	12.2	19.3

83465 2001 SV_{74} 2 20.3 110°.80 1°.6/18.7 18

1 12	10 38.18	+15 21.3	2.523	3.294	12.1	19.9
1 22	10 33.62	+15 41.3	2.441	3.306	9.5	19.8
2 1	10 27.18	+16 7.1	2.384	3.317	6.4	19.6
2 11	10 19.34	+16 34.8	2.354	3.329	3.2	19.4
2 21	10 10.82	+17 0.1	2.355	3.339	1.8	19.3
3 2	10 2.41	+17 19.4	2.386	3.350	4.6	19.5
3 12	9 54.92	+17 29.8	2.445	3.361	7.7	19.7
3 22	9 48.94	+17 30.1	2.531	3.371	10.5	19.9

251997 2000 EG_{115} 2 20.3 178°.39 0°.8/21.0 18

1 12	10 37.26	+ 5 51.2	2.082	2.838	14.9	20.2
1 22	10 33.45	+ 6 13.9	1.988	2.840	11.9	20.0
2 1	10 27.39	+ 6 51.8	1.916	2.840	8.4	19.8
2 11	10 19.58	+ 7 41.9	1.870	2.841	4.4	19.5
2 21	10 10.79	+ 8 39.5	1.853	2.841	0.8	19.2
3 2	10 1.98	+ 9 38.6	1.865	2.841	4.4	19.5
3 12	9 54.14	+10 33.3	1.906	2.840	8.4	19.7
3 22	9 48.04	+11 19.0	1.973	2.839	12.0	20.0

335868 2007 RP_{68} 2 20.3 228°.77 1°.1/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.00	+12 27.1	2.355	3.127	12.9	21.1
1 22	10 32.24	+12 56.3	2.257	3.122	10.1	20.9
2 1	10 26.45	+13 35.0	2.182	3.116	6.9	20.7
2 11	10 19.09	+14 19.1	2.135	3.110	3.4	20.4
2 21	10 10.84	+15 3.8	2.117	3.104	1.3	20.3
3 2	10 2.56	+15 44.2	2.129	3.098	4.7	20.5
3 12	9 55.12	+16 16.0	2.170	3.091	8.2	20.7
3 22	9 49.23	+16 36.6	2.236	3.084	11.4	20.9

91221 1999 AM_{15} 2 20.3 283°.38 2°.1/21.5 18

1 12	10 39.30	+ 5 49.3	1.521	2.296	18.6	20.0
1 22	10 36.13	+ 5 32.6	1.422	2.283	15.2	19.7
2 1	10 29.89	+ 5 32.5	1.343	2.270	11.0	19.4
2 11	10 21.09	+ 5 47.9	1.286	2.256	6.1	19.1
2 21	10 10.68	+ 6 15.2	1.256	2.243	2.1	18.8
3 2	10 0.02	+ 6 48.8	1.252	2.229	5.7	19.0
3 12	9 50.63	+ 7 21.7	1.275	2.216	10.9	19.2
3 22	9 43.67	+ 7 48.2	1.320	2.203	15.6	19.5

418174 2008 BU_{22} 2 20.3 171°.29 0°.2/20.1 18

1 12	10 42.92	+11 8.2	2.187	2.945	14.2	21.0
1 22	10 37.73	+11 10.1	2.093	2.949	11.2	20.8
2 1	10 30.22	+11 21.1	2.023	2.952	7.7	20.6
2 11	10 20.94	+11 37.9	1.980	2.954	3.8	20.4
2 21	10 10.71	+11 56.5	1.967	2.956	0.4	20.1
3 2	10 0.52	+12 12.9	1.984	2.957	4.5	20.4
3 12	9 51.39	+12 23.4	2.031	2.957	8.4	20.7
3 22	9 44.09	+12 26.0	2.104	2.957	11.8	20.9

415829 2001 QJ_{267} 2 20.3 114°.46 1°.3/21.7 18

1 12	10 37.14	+ 2 30.8	2.257	2.994	14.4	21.9
1 22	10 32.99	+ 3 15.1	2.178	3.016	11.6	21.7
2 1	10 26.84	+ 4 16.3	2.121	3.037	8.2	21.5
2 11	10 19.22	+ 5 31.0	2.091	3.058	4.5	21.3
2 21	10 10.85	+ 6 53.9	2.091	3.078	1.3	21.1
3 2	10 2.59	+ 8 18.4	2.122	3.097	3.9	21.3
3 12	9 55.30	+ 9 38.0	2.183	3.116	7.5	21.6
3 22	9 49.60	+10 47.8	2.270	3.134	10.7	21.8

62559 2000 SP_{268} 2 20.3 45°.40 1°.4/19.3 18

1 12	10 37.36	+11 1.6	1.320	2.125	19.4	19.0
1 22	10 34.62	+11 37.2	1.256	2.138	15.3	18.8
2 1	10 28.70	+12 29.7	1.211	2.152	10.4	18.5
2 11	10 20.35	+13 32.4	1.189	2.166	5.0	18.3
2 21	10 10.76	+14 36.4	1.193	2.181	1.7	18.1
3 2	10 1.43	+15 32.3	1.223	2.196	6.7	18.4
3 12	9 53.77	+16 13.1	1.278	2.211	11.7	18.8
3 22	9 48.74	+16 35.5	1.355	2.227	16.0	19.1

297033 2010 GG_{109} 2 20.3 275°.53 3°.6/23.9 17

1 12	10 32.95	− 2 6.2	2.364	3.084	14.2	21.0
1 22	10 29.86	− 2 9.4	2.258	3.076	11.9	20.8
2 1	10 24.84	− 1 55.5	2.172	3.069	9.1	20.6
2 11	10 18.32	− 1 24.8	2.111	3.061	6.0	20.4
2 21	10 10.92	− 0 39.6	2.078	3.053	3.7	20.3
3 2	10 3.43	+ 0 16.2	2.074	3.045	4.5	20.3
3 12	9 56.68	+ 1 17.2	2.099	3.037	7.4	20.5
3 22	9 51.37	+ 2 17.7	2.150	3.030	10.5	20.6

492461 2014 NL 2 20.3 180°.60 0°.1/20.4 18

1 12	10 38.53	+ 6 46.5	1.799	2.566	16.5	22.0
1 22	10 34.87	+ 7 26.8	1.708	2.567	13.2	21.8
2 1	10 28.60	+ 8 25.3	1.638	2.568	9.1	21.5
2 11	10 20.28	+ 9 37.7	1.594	2.568	4.6	21.3
2 21	10 10.77	+10 57.2	1.579	2.568	0.3	20.9
3 2	10 1.21	+12 15.8	1.592	2.567	5.2	21.3
3 12	9 52.80	+13 25.7	1.634	2.565	9.7	21.5
3 22	9 46.44	+14 21.6	1.700	2.563	13.7	21.8

54141 2000 HF_{37} 2 20.3 33°.96 0°.7/20.9 18

1 12	10 32.20	+ 3 3.6	1.622	2.396	17.7	18.8
1 22	10 30.09	+ 4 8.2	1.539	2.400	14.2	18.5
2 1	10 25.41	+ 5 38.0	1.476	2.405	10.0	18.3
2 11	10 18.72	+ 7 28.1	1.438	2.410	5.2	18.0
2 21	10 10.89	+ 9 29.8	1.427	2.416	0.7	17.7
3 2	10 3.07	+11 31.9	1.445	2.422	5.2	18.1
3 12	9 56.42	+13 23.5	1.491	2.428	10.0	18.3
3 22	9 51.83	+14 56.9	1.561	2.434	14.1	18.6

399647 2004 RC_{74} 2 20.3 130°.13 1°.1/21.3 18

1 12	10 39.10	+ 4 23.8	1.792	2.550	16.9	22.3
1 22	10 35.17	+ 4 53.9	1.711	2.562	13.5	22.1
2 1	10 28.68	+ 5 42.8	1.651	2.575	9.5	21.9
2 11	10 20.25	+ 6 47.1	1.616	2.586	5.1	21.6
2 21	10 10.78	+ 8 0.5	1.610	2.598	1.2	21.4
3 2	10 1.40	+ 9 15.6	1.632	2.608	4.8	21.7
3 12	9 53.22	+10 24.7	1.683	2.618	9.2	21.9
3 22	9 47.10	+11 22.4	1.758	2.627	13.0	22.2

217845 2001 OK_{85} 2 20.3 202°.51 1°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.75	+ 4 10.2	2.155	2.903	14.7	21.3
1 22	10 33.02	+ 4 30.4	2.054	2.899	11.9	21.1
2 1	10 27.11	+ 5 6.6	1.976	2.895	8.5	20.9
2 11	10 19.47	+ 5 56.3	1.923	2.891	4.7	20.6
2 21	10 10.85	+ 6 55.4	1.899	2.886	1.4	20.4
3 2	10 2.14	+ 7 58.2	1.905	2.881	4.2	20.6
3 12	9 54.33	+ 8 58.5	1.940	2.875	8.2	20.8
3 22	9 48.18	+ 9 51.3	2.001	2.869	11.7	21.0

289128 2004 UZ_{5} 2 20.3 98°.56 0°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.46	+ 6 18.3	1.700	2.463	17.4	21.7
1 22	10 37.00	+ 6 39.7	1.630	2.486	13.9	21.5
2 1	10 29.89	+ 7 18.0	1.582	2.509	9.6	21.3
2 11	10 20.81	+ 8 9.1	1.559	2.531	4.9	21.1
2 21	10 10.76	+ 9 6.9	1.564	2.552	0.8	20.8
3 2	10 0.96	+10 4.2	1.598	2.573	5.0	21.2
3 12	9 52.55	+10 54.7	1.659	2.593	9.4	21.5
3 22	9 46.36	+11 33.9	1.745	2.613	13.2	21.8

312193 2007 VQ_{123} 2 20.3 141°.56 2°.4/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.77	+14 31.8	1.914	2.695	15.1	21.7
1 22	10 36.38	+15 18.1	1.835	2.705	11.8	21.5
2 1	10 29.46	+16 14.5	1.779	2.715	8.0	21.3
2 11	10 20.62	+17 15.0	1.749	2.724	4.1	21.1
2 21	10 10.78	+18 12.3	1.748	2.732	2.6	21.0
3 2	10 1.03	+18 59.9	1.777	2.740	6.1	21.2
3 12	9 52.51	+19 33.0	1.833	2.747	10.0	21.5
3 22	9 46.03	+19 49.9	1.914	2.753	13.4	21.7

213932 2003 UA_{381} 2 20.3 314°.71 5°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.50	+22 37.9	1.546	2.355	16.9	21.1
1 22	10 37.84	+23 30.7	1.468	2.351	13.4	20.9
2 1	10 30.96	+24 28.6	1.411	2.348	9.6	20.6
2 11	10 21.54	+25 22.1	1.379	2.345	6.4	20.4
2 21	10 10.70	+26 1.7	1.373	2.341	6.3	20.4
3 2	9 59.95	+26 20.0	1.393	2.338	9.4	20.6
3 12	9 50.80	+26 13.9	1.438	2.336	13.3	20.8
3 22	9 44.28	+25 44.7	1.504	2.333	17.0	21.0

88993 2001 TF_{74} 2 20.3 60°.28 3°.7/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.13	− 2 23.6	2.332	3.051	14.4	19.6
1 22	10 29.94	− 2 28.5	2.238	3.056	12.0	19.4
2 1	10 24.84	− 2 16.3	2.165	3.061	9.2	19.2
2 11	10 18.29	− 1 47.3	2.117	3.065	6.1	19.0
2 21	10 10.96	− 1 4.0	2.096	3.071	3.8	18.9
3 2	10 3.63	− 0 10.4	2.105	3.076	4.5	19.0
3 12	9 57.11	+ 0 48.0	2.142	3.081	7.3	19.1
3 22	9 52.04	+ 1 45.8	2.206	3.086	10.3	19.3

288836 2004 RV_{193} 2 20.3 184°.44 0°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.11	+ 6 40.5	1.970	2.724	15.6	21.6
1 22	10 36.65	+ 6 53.2	1.875	2.725	12.6	21.4
2 1	10 29.70	+ 7 20.6	1.801	2.725	8.8	21.2
2 11	10 20.79	+ 7 59.7	1.753	2.724	4.6	20.9
2 21	10 10.77	+ 8 46.0	1.734	2.723	0.8	20.6
3 2	10 0.70	+ 9 33.8	1.745	2.720	4.7	20.9
3 12	9 51.72	+10 17.1	1.785	2.717	8.9	21.1
3 22	9 44.67	+10 51.7	1.850	2.714	12.7	21.4

452528 2004 TP_{83} 2 20.3 88°.04 0°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.77	+ 9 11.6	1.566	2.345	18.0	22.2
1 22	10 37.48	+ 9 36.6	1.501	2.367	14.2	22.0
2 1	10 30.34	+10 17.0	1.455	2.389	9.7	21.7
2 11	10 21.06	+11 7.9	1.435	2.410	4.7	21.5
2 21	10 10.76	+12 2.1	1.442	2.430	0.6	21.2
3 2	10 0.74	+12 52.1	1.477	2.451	5.6	21.6
3 12	9 52.27	+13 31.9	1.539	2.471	10.2	22.0
3 22	9 46.18	+13 58.1	1.625	2.490	14.1	22.2

129103 2004 XG_{15} 2 20.3 78°.82 0°.9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.05	+ 9 57.4	1.514	2.301	18.2	20.7
1 22	10 36.26	+10 34.9	1.450	2.322	14.3	20.4
2 1	10 29.57	+11 28.4	1.406	2.342	9.7	20.2
2 11	10 20.71	+12 31.8	1.386	2.362	4.7	20.0
2 21	10 10.79	+13 37.0	1.394	2.382	1.2	19.8
3 2	10 1.15	+14 35.7	1.430	2.402	5.9	20.1
3 12	9 53.05	+15 21.4	1.491	2.421	10.6	20.5
3 22	9 47.36	+15 50.9	1.576	2.441	14.5	20.7

82429 2001 NZ_{21} 2 20.3 177°.69 0°.0/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.61	+ 9 15.4	2.432	3.185	13.1	20.6
1 22	10 34.93	+ 9 33.2	2.335	3.187	10.4	20.4
2 1	10 28.21	+10 1.4	2.262	3.189	7.2	20.2
2 11	10 19.96	+10 36.9	2.217	3.190	3.5	20.0
2 21	10 10.85	+11 15.7	2.201	3.190	0.3	19.7
3 2	10 1.74	+11 53.1	2.217	3.190	4.1	20.0
3 12	9 53.50	+12 25.2	2.262	3.189	7.7	20.2
3 22	9 46.82	+12 49.0	2.334	3.187	10.8	20.4

50183 2000 AC_{168} 2 20.3 320°.62 5°.9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.62	+19 29.1	1.560	2.378	16.3	17.7
1 22	10 31.67	+21 14.0	1.477	2.368	12.8	17.5
2 1	10 26.81	+23 11.7	1.418	2.359	9.1	17.2
2 11	10 19.56	+25 11.4	1.384	2.351	6.2	17.0
2 21	10 10.86	+27 0.5	1.376	2.342	6.7	17.0
3 2	10 2.06	+28 27.6	1.395	2.334	10.1	17.2
3 12	9 54.54	+29 25.7	1.439	2.327	14.0	17.4
3 22	9 49.40	+29 53.6	1.502	2.320	17.5	17.6

501433 2014 AV 2 20.3 302°.07 4°.2/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.34	+20 53.8	2.299	3.095	12.4	21.3
1 22	10 31.11	+22 0.0	2.213	3.091	9.8	21.1
2 1	10 25.77	+23 11.5	2.151	3.086	6.9	20.9
2 11	10 18.81	+24 21.9	2.116	3.082	4.5	20.8
2 21	10 10.94	+25 24.3	2.110	3.077	4.6	20.8
3 2	10 3.05	+26 12.9	2.133	3.073	7.0	20.9
3 12	9 56.07	+26 44.0	2.183	3.069	10.0	21.1
3 22	9 50.72	+26 56.6	2.256	3.065	12.7	21.2

203508 2002 AK_{142} 2 20.3 88°.44 0°.4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.06	+ 7 18.3	1.538	2.316	18.4	21.2
1 22	10 36.27	+ 7 39.5	1.468	2.332	14.6	21.0
2 1	10 29.60	+ 8 18.6	1.417	2.348	10.1	20.8
2 11	10 20.76	+ 9 10.9	1.391	2.364	5.1	20.5
2 21	10 10.79	+10 9.7	1.392	2.380	0.5	20.2
3 2	10 1.04	+11 7.1	1.420	2.396	5.4	20.6
3 12	9 52.77	+11 56.2	1.476	2.411	10.2	20.9
3 22	9 46.87	+12 32.3	1.554	2.426	14.3	21.2

252252 2001 QE_{114} 2 20.3 109°.97 2°.1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.26	+ 2 11.5	2.212	2.943	14.8	21.2
1 22	10 34.66	+ 2 20.4	2.134	2.966	12.0	21.0
2 1	10 27.99	+ 2 44.9	2.078	2.989	8.6	20.9
2 11	10 19.81	+ 3 22.8	2.048	3.010	5.0	20.7
2 21	10 10.88	+ 4 10.3	2.047	3.031	2.2	20.5
3 2	10 2.09	+ 5 2.6	2.077	3.052	4.1	20.7
3 12	9 54.32	+ 5 54.1	2.136	3.071	7.5	20.9
3 22	9 48.23	+ 6 40.4	2.221	3.090	10.7	21.2

237634 2001 SX_{34} 2 20.3 162°.76 3°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.80	− 4 41.1	2.857	3.550	12.6	21.0
1 22	10 29.30	− 4 25.0	2.755	3.555	10.5	20.8
2 1	10 24.22	− 3 52.3	2.675	3.559	8.1	20.7
2 11	10 17.94	− 3 3.9	2.621	3.562	5.5	20.5
2 21	10 11.01	− 2 2.1	2.595	3.566	3.6	20.4
3 2	10 4.07	− 0 50.8	2.600	3.569	4.0	20.4
3 12	9 57.77	+ 0 24.6	2.636	3.571	6.2	20.6
3 22	9 52.66	+ 1 39.3	2.699	3.574	8.8	20.7

9012 Benner 2 20.3 103°.14 1°.2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.72	+ 5 13.9	2.493	3.231	13.2	19.2
1 22	10 33.96	+ 5 24.3	2.417	3.257	10.5	19.0
2 1	10 27.36	+ 5 46.6	2.364	3.282	7.4	18.9
2 11	10 19.45	+ 6 18.4	2.339	3.306	4.0	18.7
2 21	10 10.91	+ 6 56.1	2.343	3.330	1.2	18.5
3 2	10 2.52	+ 7 35.6	2.379	3.354	3.6	18.8
3 12	9 55.05	+ 8 12.8	2.444	3.376	6.8	19.0
3 22	9 49.08	+ 8 44.4	2.536	3.398	9.8	19.2

506026 2015 HA_{155} 2 20.3 197°.82 4°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.73	− 4 5.2	2.580	3.279	13.7	20.9
1 22	10 31.04	− 4 26.6	2.476	3.278	11.5	20.8
2 1	10 25.53	− 4 32.6	2.394	3.276	9.0	20.6
2 11	10 18.64	− 4 22.7	2.337	3.275	6.4	20.4
2 21	10 10.96	− 3 58.2	2.308	3.273	4.5	20.3
3 2	10 3.22	− 3 21.8	2.308	3.271	4.8	20.3
3 12	9 56.21	− 2 37.8	2.337	3.269	7.1	20.4
3 22	9 50.53	− 1 51.0	2.392	3.267	9.8	20.6

138692 2000 SV_{58} 2 20.3 113°.88 1°.9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.38	+16 15.6	2.543	3.318	12.0	20.2
1 22	10 33.05	+16 38.5	2.458	3.325	9.3	20.0
2 1	10 26.84	+17 6.7	2.398	3.332	6.3	19.8
2 11	10 19.24	+17 36.3	2.365	3.339	3.2	19.6
2 21	10 10.92	+18 3.0	2.363	3.346	2.1	19.5
3 2	10 2.70	+18 22.8	2.390	3.353	4.8	19.7
3 12	9 55.35	+18 33.1	2.447	3.359	7.9	19.9
3 22	9 49.50	+18 32.6	2.529	3.366	10.6	20.1

271509 2004 FP_{134} 2 20.3 10°.85 9°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 31.74	−12 52.9	1.550	2.249	21.3	20.4
1 22	10 29.98	−13 38.7	1.465	2.251	18.8	20.2
2 1	10 25.51	−13 53.8	1.396	2.253	15.8	19.9
2 11	10 18.86	−13 34.1	1.346	2.255	12.6	19.8
2 21	10 10.94	−12 38.9	1.318	2.259	10.1	19.6
3 2	10 2.96	−11 12.4	1.313	2.263	9.5	19.6
3 12	9 56.19	− 9 24.2	1.334	2.267	11.2	19.7
3 22	9 51.60	− 7 26.5	1.378	2.272	14.2	19.9

378781 2008 SU_{30} 2 20.3 137°.43 0°.5/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.72	+ 8 24.3	2.398	3.150	13.2	21.7
1 22	10 34.18	+ 8 29.3	2.309	3.159	10.5	21.5
2 1	10 27.67	+ 8 44.7	2.243	3.168	7.3	21.3
2 11	10 19.67	+ 9 7.6	2.205	3.176	3.7	21.1
2 21	10 10.90	+ 9 34.6	2.196	3.184	0.5	20.8
3 2	10 2.20	+10 1.7	2.217	3.192	3.9	21.1
3 12	9 54.40	+10 25.2	2.269	3.199	7.4	21.3
3 22	9 48.16	+10 42.3	2.346	3.206	10.5	21.5

241028 2006 QV_{79} 2 20.3 132°.81 1°.4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.85	+ 3 8.4	2.812	3.544	11.9	21.5
1 22	10 30.09	+ 3 30.1	2.720	3.555	9.6	21.4
2 1	10 24.73	+ 4 4.4	2.652	3.566	6.9	21.2
2 11	10 18.18	+ 4 49.1	2.612	3.576	3.9	21.0
2 21	10 11.02	+ 5 41.0	2.601	3.586	1.5	20.8
3 2	10 3.89	+ 6 35.9	2.621	3.596	3.3	21.0
3 12	9 57.45	+ 7 29.6	2.671	3.606	6.2	21.2
3 22	9 52.24	+ 8 18.2	2.749	3.615	9.0	21.4

503180 2015 GD_{44} 2 20.3 26°.99 2°.7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.86	− 0 46.9	1.967	2.712	16.0	20.8
1 22	10 28.52	− 0 17.7	1.880	2.718	13.1	20.6
2 1	10 24.06	+ 0 33.0	1.814	2.726	9.6	20.4
2 11	10 17.99	+ 1 43.0	1.773	2.733	5.9	20.2
2 21	10 11.03	+ 3 7.5	1.758	2.741	2.8	20.0
3 2	10 4.09	+ 4 39.5	1.773	2.750	4.4	20.1
3 12	9 58.11	+ 6 10.8	1.816	2.759	8.0	20.4
3 22	9 53.79	+ 7 34.4	1.884	2.768	11.6	20.6

213714 2002 VP_{9} 2 20.3 133°.75 2°.6/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.81	+ 0 17.8	2.701	3.417	12.7	21.2
1 22	10 31.68	+ 0 15.4	2.608	3.429	10.4	21.0
2 1	10 25.84	+ 0 26.5	2.539	3.440	7.7	20.9
2 11	10 18.74	+ 0 50.0	2.495	3.450	4.9	20.7
2 21	10 10.98	+ 1 23.6	2.481	3.460	2.7	20.6
3 2	10 3.24	+ 2 3.9	2.498	3.470	3.7	20.6
3 12	9 56.26	+ 2 46.5	2.544	3.480	6.5	20.8
3 22	9 50.59	+ 3 27.7	2.618	3.489	9.2	21.0

408918 2001 XP_{48} 2 20.3 39°.37 6°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.43	− 3 1.5	1.297	2.047	22.5	20.2
1 22	10 37.46	− 4 0.1	1.250	2.083	18.7	20.0
2 1	10 30.37	− 4 32.0	1.220	2.120	14.3	19.9
2 11	10 21.07	− 4 36.2	1.211	2.158	9.9	19.7
2 21	10 10.82	− 4 15.0	1.227	2.196	6.8	19.7
3 2	10 1.10	− 3 34.7	1.267	2.235	7.3	19.8
3 12	9 53.22	− 2 44.3	1.333	2.274	10.5	20.1
3 22	9 47.99	− 1 52.4	1.422	2.313	14.1	20.4

370512 2003 SP_{193} 2 20.3 111°.87 6°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.23	+30 33.5	2.315	3.094	12.8	21.5
1 22	10 40.25	+31 18.0	2.249	3.109	10.4	21.4
2 1	10 31.85	+31 58.5	2.208	3.122	8.0	21.3
2 11	10 21.71	+32 27.9	2.195	3.136	6.5	21.2
2 21	10 10.78	+32 40.2	2.209	3.149	6.7	21.2
3 2	10 0.18	+32 32.3	2.253	3.162	8.5	21.3
3 12	9 50.92	+32 4.1	2.323	3.175	10.8	21.5
3 22	9 43.74	+31 18.0	2.417	3.187	13.1	21.7

47741 2000 DQ_{71} 2 20.3 65°.58 1°.7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.85	+15 28.6	2.133	2.912	13.8	19.0
1 22	10 35.41	+15 39.0	2.046	2.914	10.9	18.8
2 1	10 28.69	+15 55.9	1.982	2.916	7.4	18.5
2 11	10 20.24	+16 14.9	1.944	2.919	3.7	18.3
2 21	10 10.89	+16 31.7	1.936	2.921	1.9	18.2
3 2	10 1.61	+16 41.8	1.957	2.924	5.2	18.4
3 12	9 53.41	+16 42.3	2.006	2.926	8.9	18.6
3 22	9 47.03	+16 32.1	2.081	2.929	12.2	18.9

342972 2009 BE_{24} 2 20.3 338°.60 0°.4/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.75	+12 9.4	2.205	2.975	13.7	20.6
1 22	10 34.50	+12 6.0	2.111	2.973	10.9	20.4
2 1	10 28.06	+12 10.4	2.039	2.971	7.5	20.2
2 11	10 19.94	+12 19.7	1.995	2.969	3.7	19.9
2 21	10 10.92	+12 30.3	1.979	2.967	0.6	19.7
3 2	10 1.91	+12 38.5	1.993	2.966	4.5	20.0
3 12	9 53.89	+12 41.0	2.036	2.964	8.2	20.2
3 22	9 47.57	+12 35.9	2.104	2.963	11.6	20.4

482821 2013 XL_{12} 2 20.3 129°.13 12°.6/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.77	+29 30.2	1.276	2.100	18.9	20.4
1 22	10 40.13	+33 22.9	1.229	2.111	15.6	20.2
2 1	10 33.38	+37 18.3	1.206	2.120	13.2	20.1
2 11	10 23.09	+40 52.5	1.210	2.130	12.8	20.1
2 21	10 10.66	+43 44.2	1.239	2.138	14.5	20.2
3 2	9 58.16	+45 40.7	1.292	2.146	17.3	20.4
3 12	9 47.75	+46 41.2	1.364	2.154	20.2	20.6
3 22	9 40.92	+46 53.5	1.451	2.161	22.8	20.9

210001 2006 JV_{27} 2 20.3 137°.93 2°.6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.82	+14 57.7	1.855	2.639	15.4	20.9
1 22	10 36.53	+15 47.1	1.777	2.649	12.1	20.7
2 1	10 29.64	+16 46.7	1.722	2.659	8.2	20.5
2 11	10 20.77	+17 49.9	1.694	2.668	4.2	20.3
2 21	10 10.86	+18 49.4	1.694	2.677	2.9	20.2
3 2	10 1.07	+19 38.1	1.723	2.685	6.4	20.4
3 12	9 52.53	+20 11.3	1.779	2.692	10.3	20.7
3 22	9 46.10	+20 27.4	1.860	2.699	13.8	20.9

44169 1998 KK_{2} 2 20.3 162°.30 6°.0/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.29	+26 47.0	2.319	3.105	12.6	19.2
1 22	10 37.37	+28 13.4	2.246	3.113	10.1	19.1
2 1	10 30.06	+29 40.8	2.199	3.120	7.6	18.9
2 11	10 20.95	+31 0.8	2.179	3.126	6.1	18.8
2 21	10 10.85	+32 5.7	2.189	3.132	6.6	18.9
3 2	10 0.82	+32 50.0	2.228	3.136	8.6	19.0
3 12	9 51.91	+33 11.4	2.293	3.140	11.1	19.2
3 22	9 44.89	+33 10.8	2.381	3.143	13.5	19.3

498061 2007 RV_{97} 2 20.3 100°.51 3°.9/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.70	+21 44.2	2.365	3.152	12.4	21.3
1 22	10 34.27	+22 29.7	2.293	3.165	9.7	21.1
2 1	10 27.76	+23 17.9	2.245	3.178	6.8	21.0
2 11	10 19.73	+24 2.9	2.225	3.191	4.4	20.8
2 21	10 10.96	+24 39.2	2.234	3.203	4.2	20.9
3 2	10 2.33	+25 2.4	2.272	3.215	6.5	21.0
3 12	9 54.74	+25 10.2	2.338	3.227	9.3	21.2
3 22	9 48.84	+25 2.6	2.428	3.239	11.8	21.4

131744 2001 YW_{125} 2 20.3 333°.30 0°.7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.87	+11 24.0	1.415	2.211	18.8	19.7
1 22	10 36.70	+11 28.0	1.331	2.208	15.0	19.5
2 1	10 30.31	+11 45.9	1.266	2.204	10.4	19.2
2 11	10 21.32	+12 13.5	1.225	2.201	5.1	18.9
2 21	10 10.83	+12 44.2	1.209	2.198	0.9	18.6
3 2	10 0.33	+13 11.2	1.221	2.195	6.3	18.9
3 12	9 51.35	+13 28.3	1.257	2.193	11.5	19.2
3 22	9 44.99	+13 32.4	1.315	2.191	16.1	19.5

343095 2009 DS_{40} 2 20.3 7°.60 0°.6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.39	+ 9 54.0	2.243	3.002	13.9	20.4
1 22	10 35.71	+ 9 35.0	2.148	3.002	11.1	20.2
2 1	10 28.85	+ 9 24.3	2.076	3.002	7.7	20.0
2 11	10 20.33	+ 9 19.8	2.031	3.003	4.0	19.8
2 21	10 10.91	+ 9 18.9	2.015	3.003	0.6	19.5
3 2	10 1.53	+ 9 18.5	2.029	3.004	4.2	19.8
3 12	9 53.12	+ 9 15.6	2.072	3.004	7.9	20.0
3 22	9 46.42	+ 9 8.2	2.142	3.005	11.2	20.2

30174 Hollyjackson 2 20.3 317°.91 1°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.33	+11 48.8	1.347	2.152	19.1	18.5
1 22	10 34.93	+12 16.0	1.262	2.145	15.2	18.2
2 1	10 29.24	+12 59.9	1.196	2.137	10.4	17.9
2 11	10 20.86	+13 54.9	1.153	2.130	5.1	17.6
2 21	10 10.86	+14 52.4	1.136	2.123	1.9	17.3
3 2	10 0.78	+15 43.2	1.144	2.117	7.0	17.6
3 12	9 52.20	+16 19.6	1.177	2.111	12.4	17.9
3 22	9 46.30	+16 37.6	1.232	2.105	17.1	18.2

359101 2009 AB_{46} 2 20.3 89°.12 0°.7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.59	+10 16.0	1.582	2.364	17.7	21.3
1 22	10 37.38	+10 42.7	1.515	2.383	14.0	21.1
2 1	10 30.31	+11 23.9	1.468	2.403	9.5	20.9
2 11	10 21.11	+12 14.2	1.447	2.422	4.6	20.6
2 21	10 10.86	+13 6.6	1.452	2.441	0.9	20.4
3 2	10 0.88	+13 53.6	1.486	2.459	5.7	20.8
3 12	9 52.41	+14 29.6	1.547	2.477	10.2	21.1
3 22	9 46.31	+14 51.5	1.632	2.495	14.2	21.4

461959 2006 UV_{53} 2 20.3 123°.69 5°.1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.55	− 6 39.1	2.155	2.847	16.2	22.3
1 22	10 33.53	− 6 48.0	2.068	2.863	13.7	22.1
2 1	10 27.37	− 6 35.8	2.002	2.878	10.8	22.0
2 11	10 19.60	− 6 2.2	1.959	2.892	7.7	21.8
2 21	10 10.98	− 5 9.3	1.943	2.906	5.4	21.7
3 2	10 2.40	− 4 1.7	1.957	2.920	5.6	21.7
3 12	9 54.81	− 2 46.2	1.998	2.932	8.0	21.9
3 22	9 48.91	− 1 29.6	2.067	2.945	11.0	22.1

253945 2004 CP_{127} 2 20.3 139°.69 2°.1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.05	+11 48.2	1.897	2.681	15.1	20.4
1 22	10 32.79	+13 1.6	1.814	2.687	11.8	20.2
2 1	10 27.12	+14 29.8	1.754	2.692	8.0	19.9
2 11	10 19.57	+16 5.9	1.721	2.697	3.9	19.7
2 21	10 10.98	+17 41.6	1.717	2.701	2.5	19.6
3 2	10 2.39	+19 8.0	1.742	2.706	6.1	19.8
3 12	9 54.89	+20 18.5	1.795	2.710	10.1	20.1
3 22	9 49.30	+21 9.5	1.872	2.714	13.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
224549 2005 WV_{148}			2 20.3 103°.24	4°.3/24.8 18		
	h m	° ′			°	m
1 12	10 35.77	− 5 12.0	2.131	2.837	16.0	21.1
1 22	10 32.13	− 5 3.6	2.048	2.855	13.4	20.9
2 1	10 26.40	− 4 33.8	1.985	2.872	10.3	20.7
2 11	10 19.12	− 3 43.3	1.947	2.889	7.1	20.6
2 21	10 11.02	− 2 35.2	1.935	2.906	4.6	20.4
3 2	10 3.01	− 1 15.2	1.954	2.922	5.0	20.5
3 12	9 55.97	+ 0 9.5	2.000	2.938	7.7	20.7
3 22	9 50.59	+ 1 32.0	2.074	2.954	10.8	20.9
257795 2000 EA_{13}			2 20.3 19°.63	5°.7/16.4 18		
1 12	10 35.39	+19 43.4	1.254	2.084	18.8	19.4
1 22	10 33.46	+20 50.6	1.194	2.090	14.8	19.2
2 1	10 28.14	+22 7.0	1.153	2.098	10.3	19.0
2 11	10 20.21	+23 21.7	1.136	2.107	6.5	18.8
2 21	10 10.94	+24 23.2	1.143	2.117	6.3	18.8
3 2	10 1.92	+25 2.2	1.175	2.128	9.8	19.0
3 12	9 54.70	+25 14.4	1.229	2.140	14.1	19.3
3 22	9 50.26	+25 0.7	1.304	2.153	17.9	19.6
267766 2003 QP_{94}			2 20.3 232°.08	3°.8/16.7 17		
1 12	10 40.87	+21 46.6	2.436	3.217	12.3	21.3
1 22	10 36.14	+22 25.9	2.337	3.205	9.7	21.1
2 1	10 29.21	+23 8.4	2.262	3.193	6.9	20.9
2 11	10 20.55	+23 48.6	2.215	3.181	4.4	20.7
2 21	10 10.92	+24 20.7	2.198	3.168	4.2	20.7
3 2	10 1.23	+24 40.1	2.211	3.155	6.5	20.8
3 12	9 52.48	+24 44.0	2.251	3.141	9.5	21.0
3 22	9 45.41	+24 32.1	2.317	3.127	12.4	21.1
495429 2014 SL_{214}			2 20.3 130°.36	2°.1/22.4 18		
1 12	10 37.21	+ 1 34.6	2.203	2.937	14.8	21.8
1 22	10 33.20	+ 1 56.2	2.117	2.951	12.0	21.6
2 1	10 27.11	+ 2 34.9	2.053	2.965	8.7	21.4
2 11	10 19.47	+ 3 28.4	2.015	2.978	5.1	21.2
2 21	10 11.00	+ 4 32.3	2.005	2.990	2.1	21.0
3 2	10 2.60	+ 5 41.1	2.026	3.002	4.1	21.2
3 12	9 55.14	+ 6 48.5	2.076	3.013	7.6	21.4
3 22	9 49.32	+ 7 49.2	2.153	3.024	10.9	21.7
113450 2002 SQ_{46}			2 20.3 149°.68	4°.8/15.1 18		
1 12	10 38.28	+25 4.6	2.528	3.316	11.7	19.9
1 22	10 33.95	+26 4.0	2.451	3.322	9.2	19.8
2 1	10 27.57	+27 4.5	2.400	3.327	6.8	19.6
2 11	10 19.68	+27 59.7	2.376	3.332	5.0	19.5
2 21	10 10.99	+28 43.9	2.382	3.337	5.2	19.5
3 2	10 2.39	+29 12.5	2.416	3.341	7.2	19.7
3 12	9 54.74	+29 23.4	2.478	3.345	9.6	19.8
3 22	9 48.70	+29 16.8	2.563	3.349	12.0	20.0
37954 1998 HF_{47}			2 20.3 162°.09	5°.5/14.5 18		
1 12	10 41.56	+27 38.9	2.542	3.325	11.7	19.7
1 22	10 36.53	+28 40.8	2.467	3.332	9.4	19.5
2 1	10 29.35	+29 42.0	2.417	3.337	7.1	19.4
2 11	10 20.55	+30 35.8	2.395	3.342	5.6	19.3
2 21	10 10.93	+31 16.1	2.402	3.347	5.9	19.3
3 2	10 1.41	+31 38.7	2.438	3.351	7.8	19.4
3 12	9 52.92	+31 41.8	2.501	3.354	10.1	19.6
3 22	9 46.16	+31 26.6	2.588	3.357	12.3	19.7
96496 1998 KT_{33}			2 20.3 263°.09	2°.3/18.5 18		
1 12	10 38.82	+13 58.0	1.821	2.609	15.5	20.0
1 22	10 35.36	+14 39.7	1.717	2.591	12.3	19.8
2 1	10 29.18	+15 34.1	1.635	2.572	8.5	19.5
2 11	10 20.75	+16 35.5	1.578	2.554	4.3	19.2
2 21	10 10.90	+17 36.7	1.550	2.535	2.6	19.1
3 2	10 0.82	+18 29.8	1.550	2.515	6.5	19.3
3 12	9 51.80	+19 8.6	1.577	2.495	11.0	19.5
3 22	9 44.86	+19 30.0	1.627	2.475	15.0	19.7
463259 2012 GL_{1}			2 20.3 285°.73	7°.8/12.9 17		
1 12	10 39.33	+28 2.5	1.843	2.648	14.7	21.2
1 22	10 36.07	+29 33.4	1.749	2.625	12.0	20.9
2 1	10 29.85	+31 7.8	1.678	2.602	9.4	20.7
2 11	10 21.14	+32 35.2	1.632	2.578	7.9	20.6
2 21	10 10.87	+33 45.1	1.614	2.554	8.6	20.6
3 2	10 0.37	+34 28.7	1.621	2.530	11.2	20.7
3 12	9 51.07	+34 42.2	1.653	2.506	14.4	20.8
3 22	9 44.10	+34 26.6	1.704	2.482	17.4	20.9
337513 2001 SK_{141}			2 20.3 93°.09	0°.1/20.2 18		
1 12	10 36.24	+ 9 18.5	2.508	3.266	12.6	21.6
1 22	10 32.10	+ 9 42.3	2.431	3.286	9.9	21.5
2 1	10 26.17	+10 16.0	2.378	3.307	6.7	21.3
2 11	10 18.94	+10 56.2	2.353	3.326	3.3	21.1
2 21	10 11.06	+11 38.7	2.357	3.346	0.3	20.9
3 2	10 3.32	+12 19.3	2.392	3.365	3.8	21.2
3 12	9 56.44	+12 54.1	2.456	3.384	7.1	21.4
3 22	9 51.01	+13 20.3	2.547	3.403	10.0	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
212696 2007 PH_{39}			2 20.3 153°.61	0°.5/20.8 18		
	h m	° ′			°	m
1 12	10 40.08	+ 6 36.6	2.074	2.827	15.0	21.4
1 22	10 35.64	+ 7 3.1	1.987	2.837	12.0	21.2
2 1	10 28.90	+ 7 44.2	1.921	2.845	8.4	21.0
2 11	10 20.40	+ 8 36.5	1.882	2.853	4.3	20.7
2 21	10 10.95	+ 9 34.9	1.872	2.861	0.5	20.4
3 2	10 1.54	+10 33.3	1.892	2.867	4.4	20.8
3 12	9 53.18	+11 25.9	1.942	2.873	8.4	21.0
3 22	9 46.64	+12 8.6	2.017	2.878	12.0	21.2
187393 2005 UL_{494}			2 20.3 267°.90	5°.1/24.9 18		
1 12	10 34.77	− 5 52.7	2.115	2.819	16.2	20.2
1 22	10 31.76	− 5 58.5	1.994	2.798	13.8	19.9
2 1	10 26.49	− 5 42.7	1.893	2.776	10.9	19.7
2 11	10 19.36	− 5 3.8	1.815	2.754	7.8	19.4
2 21	10 11.02	− 4 3.2	1.764	2.731	5.4	19.3
3 2	10 2.39	− 2 44.8	1.741	2.708	5.8	19.2
3 12	9 54.51	− 1 15.8	1.746	2.684	8.7	19.3
3 22	9 48.26	+ 0 15.7	1.778	2.660	12.2	19.5
306134 2010 JO_{121}			2 20.3 329°.02	0°.1/20.4 18		
1 12	10 30.11	+ 6 1.2	1.222	2.031	20.4	20.3
1 22	10 29.52	+ 6 41.9	1.133	2.016	16.5	20.0
2 1	10 25.74	+ 7 50.4	1.062	2.002	11.6	19.6
2 11	10 19.25	+ 9 22.6	1.013	1.989	5.8	19.3
2 21	10 11.03	+11 9.5	0.988	1.977	0.4	18.8
3 2	10 2.57	+12 57.8	0.988	1.966	6.7	19.2
3 12	9 55.52	+14 34.2	1.012	1.956	12.7	19.5
3 22	9 51.14	+15 49.3	1.056	1.946	18.0	19.8
458947 2011 UG_{344}			2 20.3 134°.71	1°.8/18.9 18		
1 12	10 41.87	+13 11.7	1.793	2.574	16.0	22.0
1 22	10 37.42	+13 46.9	1.715	2.584	12.6	21.8
2 1	10 30.30	+14 33.4	1.659	2.594	8.6	21.6
2 11	10 21.14	+15 25.4	1.629	2.604	4.2	21.3
2 21	10 10.91	+16 16.1	1.627	2.613	2.0	21.2
3 2	10 0.81	+16 58.6	1.655	2.622	5.9	21.5
3 12	9 52.03	+17 28.2	1.709	2.630	10.1	21.7
3 22	9 45.42	+17 42.8	1.788	2.638	13.8	22.0
239225 2006 SD_{32}			2 20.3 217°.61	0°.1/20.4 17		
1 12	10 34.96	+ 8 51.0	2.729	3.483	11.7	21.5
1 22	10 31.15	+ 9 11.3	2.625	3.477	9.3	21.3
2 1	10 25.61	+ 9 41.5	2.544	3.471	6.4	21.1
2 11	10 18.73	+10 18.8	2.491	3.464	3.2	20.9
2 21	10 11.09	+10 59.7	2.469	3.457	0.2	20.6
3 2	10 3.41	+11 40.1	2.476	3.450	3.6	20.9
3 12	9 56.41	+12 16.1	2.514	3.442	6.9	21.1
3 22	9 50.70	+12 44.8	2.578	3.434	9.8	21.3
29060 2157 $T\text{-}_{3}$			2 20.3 75°.02	3°.2/22.5 18		
1 12	10 38.99	+ 1 52.9	1.437	2.203	20.0	17.9
1 22	10 35.71	+ 1 45.4	1.364	2.215	16.3	17.7
2 1	10 29.42	+ 2 0.5	1.308	2.228	11.9	17.4
2 11	10 20.80	+ 2 36.5	1.276	2.240	7.1	17.2
2 21	10 10.94	+ 3 28.6	1.269	2.253	3.3	17.0
3 2	10 1.21	+ 4 29.5	1.289	2.265	5.6	17.2
3 12	9 52.99	+ 5 30.4	1.334	2.278	10.2	17.5
3 22	9 47.23	+ 6 24.2	1.403	2.290	14.5	17.8
285691 2000 SB_{186}			2 20.3 116°.94	0°.4/20.6 18		
1 12	10 41.04	+ 7 15.3	1.831	2.593	16.4	22.0
1 22	10 36.60	+ 7 39.7	1.755	2.611	13.0	21.8
2 1	10 29.63	+ 8 19.5	1.701	2.628	9.0	21.6
2 11	10 20.77	+ 9 10.6	1.672	2.644	4.6	21.3
2 21	10 10.95	+10 7.3	1.672	2.660	0.4	21.0
3 2	10 1.28	+11 2.7	1.701	2.676	4.8	21.4
3 12	9 52.87	+11 50.9	1.758	2.690	9.1	21.7
3 22	9 46.53	+12 27.9	1.841	2.705	12.8	21.9
230183 2001 RN_{152}			2 20.3 244°.28	2°.1/18.5 17		
1 12	10 39.32	+12 0.7	1.811	2.592	15.8	21.0
1 22	10 35.82	+13 0.8	1.705	2.575	12.6	20.8
2 1	10 29.55	+14 17.4	1.621	2.557	8.6	20.5
2 11	10 20.97	+15 44.7	1.563	2.538	4.3	20.2
2 21	10 10.91	+17 14.1	1.534	2.519	2.5	20.0
3 2	10 0.55	+18 36.4	1.534	2.498	6.6	20.2
3 12	9 51.21	+19 43.6	1.561	2.477	11.2	20.4
3 22	9 43.96	+20 31.1	1.612	2.455	15.3	20.6
205257 2000 RT_{78}			2 20.3 83°.66	1°.8/21.5 18		
1 12	10 43.25	+ 5 38.5	1.582	2.346	18.5	20.7
1 22	10 38.62	+ 5 29.6	1.514	2.368	14.9	20.5
2 1	10 31.13	+ 5 37.4	1.467	2.390	10.5	20.3
2 11	10 21.53	+ 5 59.4	1.443	2.412	5.7	20.1
2 21	10 10.90	+ 6 30.8	1.447	2.434	1.8	19.9
3 2	10 0.55	+ 7 5.8	1.479	2.455	5.1	20.1
3 12	9 51.74	+ 7 38.3	1.538	2.476	9.6	20.4
3 22	9 45.32	+ 8 3.7	1.621	2.497	13.6	20.7

243972 2001 QS_{333} 2 20.3 183°.83 0°.8/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.52	+13 19.2	2.568	3.331	12.2	21.1
1 22	10 34.77	+13 23.4	2.472	3.331	9.6	20.9
2 1	10 28.08	+13 34.0	2.400	3.331	6.6	20.7
2 11	10 19.94	+13 47.8	2.356	3.330	3.2	20.5
2 21	10 11.02	+14 1.6	2.342	3.330	0.9	20.3
3 2	10 2.13	+14 11.7	2.359	3.329	4.2	20.6
3 12	9 54.09	+14 15.7	2.405	3.328	7.5	20.8
3 22	9 47.54	+14 11.9	2.478	3.326	10.4	20.9

421672 2014 OV_{378} 2 20.3 144°.92 0°.4/20.6 18

1 12	10 41.10	+ 8 6.0	1.996	2.755	15.3	21.9
1 22	10 36.52	+ 8 20.2	1.911	2.765	12.2	21.7
2 1	10 29.54	+ 8 47.6	1.848	2.774	8.5	21.5
2 11	10 20.74	+ 9 24.7	1.811	2.783	4.3	21.3
2 21	10 10.96	+10 6.8	1.802	2.791	0.4	21.0
3 2	10 1.25	+10 48.3	1.824	2.798	4.6	21.3
3 12	9 52.68	+11 24.1	1.874	2.805	8.7	21.6
3 22	9 46.01	+11 50.8	1.950	2.812	12.3	21.8

90056 2002 VP_{38} 2 20.3 16°.06 2°.6/18.9 18

1 12	10 38.47	+15 50.6	1.301	2.116	19.1	18.8
1 22	10 35.71	+16 1.7	1.232	2.121	15.0	18.5
2 1	10 29.61	+16 22.8	1.183	2.127	10.3	18.3
2 11	10 20.95	+16 47.5	1.157	2.134	5.2	18.0
2 21	10 10.95	+17 8.2	1.156	2.142	2.9	17.9
3 2	10 1.19	+17 18.1	1.181	2.151	7.3	18.2
3 12	9 53.18	+17 13.3	1.230	2.161	12.2	18.5
3 22	9 47.93	+16 52.9	1.300	2.172	16.5	18.7

498083 2007 RN_{213} 2 20.3 138°.60 0°.4/20.8 17

1 12	10 35.84	+ 7 10.5	2.767	3.513	11.8	22.5
1 22	10 31.69	+ 7 32.8	2.678	3.525	9.4	22.3
2 1	10 25.86	+ 8 5.5	2.613	3.536	6.5	22.1
2 11	10 18.81	+ 8 45.9	2.576	3.547	3.3	21.9
2 21	10 11.11	+ 9 30.4	2.569	3.557	0.4	21.7
3 2	10 3.46	+10 15.0	2.593	3.567	3.4	22.0
3 12	9 56.56	+10 55.8	2.647	3.577	6.5	22.2
3 22	9 50.94	+11 29.8	2.728	3.586	9.3	22.4

13843 Cowenbrown 2 20.3 21°.52 1°.2/21.1 18

1 12	10 37.33	+ 6 17.7	1.289	2.082	20.4	18.6
1 22	10 34.88	+ 6 22.8	1.212	2.084	16.5	18.3
2 1	10 29.16	+ 6 49.1	1.153	2.087	11.6	18.0
2 11	10 20.81	+ 7 33.2	1.117	2.090	6.1	17.7
2 21	10 10.96	+ 8 28.8	1.105	2.093	1.2	17.4
3 2	10 1.14	+ 9 27.0	1.119	2.097	6.0	17.7
3 12	9 52.93	+10 18.8	1.157	2.101	11.5	18.0
3 22	9 47.41	+10 57.9	1.218	2.105	16.3	18.3

367777 2010 XM_{51} 2 20.3 121°.98 2°.7/22.9 18

1 12	10 36.80	− 0 9.6	2.084	2.815	15.6	21.6
1 22	10 33.02	+ 0 9.4	1.999	2.829	12.8	21.4
2 1	10 27.08	+ 0 47.5	1.935	2.842	9.4	21.2
2 11	10 19.50	+ 1 42.7	1.896	2.855	5.7	21.0
2 21	10 11.06	+ 2 50.9	1.886	2.868	2.8	20.9
3 2	10 2.68	+ 4 5.9	1.905	2.880	4.3	21.0
3 12	9 55.30	+ 5 20.8	1.953	2.892	7.9	21.2
3 22	9 49.62	+ 6 29.6	2.028	2.903	11.3	21.4

205825 2002 CC_{280} 2 20.3 6°.34 3°.9/22.9 18

1 12	10 35.27	+ 1 18.9	1.342	2.118	20.6	20.3
1 22	10 33.14	+ 0 59.4	1.261	2.118	17.0	20.0
2 1	10 27.91	+ 1 3.3	1.198	2.119	12.6	19.8
2 11	10 20.18	+ 1 30.4	1.157	2.120	7.8	19.5
2 21	10 11.01	+ 2 17.1	1.139	2.122	4.0	19.3
3 2	10 1.81	+ 3 16.3	1.147	2.124	6.1	19.4
3 12	9 54.06	+ 4 18.7	1.180	2.127	10.8	19.7
3 22	9 48.84	+ 5 15.6	1.235	2.131	15.4	19.9

248997 2007 HP_{86} 2 20.3 198°.55 3°.4/16.6 18

1 12	10 37.78	+19 52.0	2.631	3.411	11.5	21.5
1 22	10 33.52	+20 47.7	2.538	3.407	9.0	21.3
2 1	10 27.31	+21 48.4	2.470	3.403	6.3	21.1
2 11	10 19.60	+22 48.4	2.431	3.398	3.9	20.9
2 21	10 11.06	+23 42.3	2.422	3.393	3.7	20.9
3 2	10 2.49	+24 25.0	2.443	3.388	6.0	21.1
3 12	9 54.73	+24 53.3	2.493	3.381	8.8	21.2
3 22	9 48.44	+25 6.0	2.567	3.374	11.4	21.4

363082 2000 QV_{167} 2 20.3 170°.73 2°.7/23.5 17

1 12	10 35.74	− 1 55.6	2.650	3.356	13.2	22.0
1 22	10 31.77	− 1 33.5	2.548	3.361	10.9	21.8
2 1	10 26.03	− 0 54.7	2.468	3.365	8.1	21.7
2 11	10 18.95	− 0 0.6	2.415	3.368	5.2	21.5
2 21	10 11.12	+ 1 5.7	2.392	3.370	2.9	21.3
3 2	10 3.26	+ 2 19.7	2.399	3.372	3.8	21.4
3 12	9 56.12	+ 3 35.6	2.437	3.373	6.7	21.6
3 22	9 50.30	+ 4 48.3	2.503	3.374	9.6	21.8

3942 Churivannia 2 20.3 210°.80 1°.9/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.17	+14 0.9	2.062	2.836	14.4	17.8
1 22	10 36.73	+14 35.2	1.964	2.830	11.4	17.6
2 1	10 29.83	+15 19.5	1.888	2.823	7.8	17.4
2 11	10 20.97	+16 8.8	1.840	2.815	3.9	17.1
2 21	10 10.97	+16 56.9	1.821	2.806	2.1	17.0
3 2	10 0.89	+17 37.7	1.832	2.797	5.7	17.2
3 12	9 51.84	+18 6.6	1.871	2.787	9.6	17.4
3 22	9 44.69	+18 21.1	1.935	2.777	13.2	17.6

350256 2012 TQ_{148} 2 20.3 33°.01 3°.9/16.4 18

1 12	10 36.46	+21 20.5	2.321	3.113	12.5	20.5
1 22	10 32.71	+22 9.0	2.239	3.114	9.8	20.4
2 1	10 26.85	+23 1.3	2.181	3.115	6.9	20.2
2 11	10 19.40	+23 51.3	2.150	3.117	4.4	20.0
2 21	10 11.10	+24 33.3	2.148	3.118	4.3	20.0
3 2	10 2.86	+25 2.2	2.175	3.119	6.6	20.2
3 12	9 55.58	+25 15.3	2.229	3.120	9.6	20.3
3 22	9 49.96	+25 12.0	2.307	3.122	12.3	20.5

414856 2010 VS_{83} 2 20.3 6°.97 8°.2/26.4 18

1 12	10 33.42	− 8 5.6	1.523	2.248	20.7	20.6
1 22	10 31.35	− 9 1.5	1.438	2.248	17.9	20.4
2 1	10 26.52	− 9 31.3	1.371	2.249	14.6	20.2
2 11	10 19.46	− 9 31.5	1.323	2.251	11.2	20.0
2 21	10 11.09	− 9 1.6	1.299	2.254	8.6	19.8
3 2	10 2.65	− 8 5.3	1.299	2.257	8.5	19.8
3 12	9 55.45	− 6 51.0	1.324	2.262	10.9	20.0
3 22	9 50.48	− 5 28.9	1.371	2.267	14.3	20.2

207452 2006 FV_{36} 2 20.3 298°.32 1°.7/19.1 16

1 12	10 34.60	+10 29.6	1.455	2.256	18.1	20.5
1 22	10 32.76	+11 17.8	1.352	2.233	14.5	20.2
2 1	10 27.86	+12 26.6	1.270	2.211	10.0	19.9
2 11	10 20.31	+13 51.0	1.211	2.188	4.9	19.5
2 21	10 11.02	+15 21.8	1.178	2.165	2.1	19.3
3 2	10 1.34	+16 48.1	1.172	2.143	7.2	19.5
3 12	9 52.84	+17 59.4	1.190	2.121	12.6	19.8
3 22	9 46.79	+18 49.4	1.230	2.099	17.5	20.0

56161 1999 CG_{158} 2 20.3 305°.36 6°.9/22.8 18

1 12	10 46.46	− 0 1.0	1.706	2.434	18.7	18.6
1 22	10 41.88	− 1 43.0	1.584	2.405	16.0	18.4
2 1	10 34.09	− 3 16.3	1.483	2.376	12.7	18.1
2 11	10 23.45	− 4 37.1	1.405	2.348	9.2	17.8
2 21	10 10.79	− 5 41.9	1.355	2.320	7.0	17.6
3 2	9 57.46	− 6 28.4	1.333	2.291	8.2	17.6
3 12	9 45.05	− 6 57.8	1.337	2.264	11.9	17.7
3 22	9 34.95	− 7 14.1	1.366	2.236	16.0	17.9

9036 1990 SJ_{16} 2 20.3 119°.70 1°.2/21.6 18 R

1 12	10 36.38	+ 5 16.5	2.753	3.490	12.1	19.0
1 22	10 32.08	+ 5 25.2	2.667	3.506	9.6	18.9
2 1	10 26.12	+ 5 44.8	2.605	3.522	6.8	18.7
2 11	10 18.94	+ 6 13.1	2.570	3.537	3.7	18.5
2 21	10 11.15	+ 6 47.1	2.565	3.552	1.2	18.4
3 2	10 3.42	+ 7 23.3	2.591	3.566	3.3	18.6
3 12	9 56.47	+ 7 57.9	2.647	3.580	6.4	18.8
3 22	9 50.81	+ 8 27.8	2.730	3.594	9.1	19.0

103896 2000 DN_{55} 2 20.3 184°.91 0°.8/19.6 18

1 12	10 36.34	+11 24.4	2.477	3.243	12.5	20.6
1 22	10 32.40	+11 51.0	2.382	3.243	9.8	20.4
2 1	10 26.55	+12 26.9	2.311	3.242	6.7	20.2
2 11	10 19.24	+13 8.5	2.267	3.242	3.3	20.0
2 21	10 11.13	+13 51.5	2.253	3.241	0.9	19.8
3 2	10 3.01	+14 31.3	2.270	3.240	4.3	20.0
3 12	9 55.70	+15 3.7	2.315	3.238	7.7	20.2
3 22	9 49.86	+15 26.2	2.386	3.237	10.7	20.4

89926 2002 EH_{53} 2 20.3 137°.70 0°.5/19.9 18

1 12	10 40.64	+11 20.6	2.575	3.329	12.4	19.8
1 22	10 35.54	+11 36.1	2.490	3.343	9.7	19.6
2 1	10 28.54	+11 59.6	2.429	3.357	6.6	19.5
2 11	10 20.16	+12 27.8	2.397	3.371	3.2	19.3
2 21	10 11.08	+12 57.0	2.395	3.383	0.6	19.1
3 2	10 2.09	+13 23.2	2.424	3.395	4.0	19.3
3 12	9 54.01	+13 43.3	2.484	3.406	7.3	19.6
3 22	9 47.44	+13 55.2	2.570	3.417	10.2	19.8

497876 2006 UO_{213} 2 20.3 173°.04 5°.1/13.6 17 R

1 12	10 38.46	+29 57.4	3.101	3.881	9.9	22.1
1 22	10 33.79	+30 55.4	3.024	3.884	8.0	22.0
2 1	10 27.33	+31 51.4	2.973	3.886	6.2	21.9
2 11	10 19.57	+32 40.0	2.950	3.888	5.2	21.8
2 21	10 11.12	+33 16.3	2.957	3.889	5.5	21.9
3 2	10 2.73	+33 37.1	2.992	3.891	7.0	22.0
3 12	9 55.14	+33 40.9	3.055	3.891	8.9	22.1
3 22	9 48.94	+33 28.4	3.141	3.891	10.8	22.2

207055 2004 XL_{64} 2 20.3 196°.72 2°.0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.26	+ 4 46.6	1.901	2.651	16.3	20.7
1 22	10 36.94	+ 4 39.2	1.804	2.649	13.3	20.5
2 1	10 30.06	+ 4 47.0	1.728	2.646	9.5	20.2
2 11	10 21.13	+ 5 8.3	1.677	2.643	5.4	20.0
2 21	10 11.01	+ 5 39.6	1.654	2.640	2.0	19.7
3 2	10 0.82	+ 6 16.1	1.660	2.636	4.8	19.9
3 12	9 51.72	+ 6 52.1	1.694	2.631	9.0	20.2
3 22	9 44.60	+ 7 22.9	1.754	2.626	12.9	20.4

158045 2000 SC_{133} 2 20.3 223°.77 5°.9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.73	−11 28.6	2.699	3.353	14.0	20.4
1 22	10 29.51	−11 46.3	2.590	3.348	12.2	20.2
2 1	10 24.56	−11 44.9	2.500	3.344	10.1	20.1
2 11	10 18.28	−11 23.3	2.434	3.339	7.9	19.9
2 21	10 11.22	−10 42.0	2.395	3.334	6.3	19.8
3 2	10 4.07	− 9 43.4	2.383	3.329	6.1	19.8
3 12	9 57.58	− 8 32.5	2.400	3.323	7.5	19.8
3 22	9 52.35	− 7 15.0	2.444	3.318	9.6	20.0

423578 2005 VC_{63} 2 20.3 144°.45 0°.0/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.15	+ 8 57.7	2.192	2.951	14.1	22.4
1 22	10 34.79	+ 9 16.5	2.105	2.960	11.2	22.2
2 1	10 28.27	+ 9 46.8	2.041	2.968	7.7	22.0
2 11	10 20.12	+10 25.4	2.003	2.976	3.8	21.7
2 21	10 11.09	+11 7.6	1.995	2.983	0.3	21.4
3 2	10 2.12	+11 48.4	2.017	2.990	4.3	21.8
3 12	9 54.14	+12 23.1	2.068	2.997	8.1	22.0
3 22	9 47.87	+12 48.8	2.144	3.003	11.4	22.2

197589 2004 HC_{20} 2 20.3 254°.10 2°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.51	+ 2 40.7	1.602	2.362	18.4	21.0
1 22	10 35.43	+ 2 39.4	1.500	2.350	15.2	20.8
2 1	10 29.43	+ 2 58.9	1.417	2.337	11.1	20.5
2 11	10 21.00	+ 3 38.1	1.357	2.323	6.5	20.2
2 21	10 11.01	+ 4 33.4	1.324	2.309	2.7	19.9
3 2	10 0.76	+ 5 37.9	1.318	2.295	5.5	20.1
3 12	9 51.65	+ 6 43.1	1.339	2.280	10.4	20.3
3 22	9 44.80	+ 7 41.6	1.383	2.265	15.0	20.5

337619 2001 TK_{57} 2 20.3 137°.34 3°.1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.72	− 2 16.5	2.695	3.403	12.9	21.2
1 22	10 30.15	− 2 10.1	2.599	3.411	10.7	21.0
2 1	10 24.89	− 1 48.2	2.525	3.419	8.1	20.8
2 11	10 18.39	− 1 11.7	2.477	3.426	5.3	20.7
2 21	10 11.22	− 0 23.1	2.458	3.433	3.2	20.6
3 2	10 4.05	+ 0 33.8	2.469	3.440	3.9	20.6
3 12	9 57.58	+ 1 34.2	2.510	3.447	6.5	20.8
3 22	9 52.38	+ 2 33.2	2.578	3.453	9.2	21.0

117381 Lindaweiland 2 20.3 227°.63 1°.2/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.74	+12 0.0	2.145	2.922	13.8	19.9
1 22	10 32.30	+12 35.9	2.052	2.920	10.9	19.7
2 1	10 26.69	+13 22.7	1.983	2.918	7.4	19.4
2 11	10 19.39	+14 16.1	1.941	2.916	3.6	19.2
2 21	10 11.15	+15 10.4	1.927	2.914	1.5	19.0
3 2	10 2.89	+15 59.8	1.943	2.911	5.0	19.3
3 12	9 55.56	+16 39.3	1.986	2.909	8.8	19.5
3 22	9 49.91	+17 6.0	2.055	2.907	12.1	19.7

416982 2005 TU_{83} 2 20.3 163°.82 1°.0/21.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.75	+ 6 21.9	1.991	2.751	15.3	21.6
1 22	10 34.00	+ 6 30.8	1.900	2.753	12.3	21.4
2 1	10 27.91	+ 6 54.2	1.830	2.754	8.7	21.2
2 11	10 20.01	+ 7 29.2	1.785	2.756	4.6	21.0
2 21	10 11.11	+ 8 11.7	1.769	2.757	1.0	20.7
3 2	10 2.19	+ 8 56.3	1.782	2.758	4.4	20.9
3 12	9 54.31	+ 9 37.3	1.823	2.759	8.5	21.2
3 22	9 48.24	+10 10.6	1.890	2.760	12.2	21.4

219074 1998 BQ_{31} 2 20.3 127°.57 0°.7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.39	+ 7 31.4	2.135	2.890	14.6	21.4
1 22	10 35.01	+ 7 38.8	2.049	2.901	11.6	21.2
2 1	10 28.44	+ 7 58.5	1.986	2.911	8.1	21.0
2 11	10 20.20	+ 8 27.6	1.950	2.921	4.2	20.8
2 21	10 11.10	+ 9 2.1	1.942	2.930	0.7	20.5
3 2	10 2.07	+ 9 37.2	1.964	2.939	4.2	20.8
3 12	9 54.07	+10 8.4	2.015	2.948	8.0	21.0
3 22	9 47.82	+10 32.2	2.092	2.956	11.4	21.3

29964 1999 JO_{100} 2 20.3 350°.95 3°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 31.58	+15 9.2	1.906	2.707	14.4	17.9
1 22	10 29.39	+16 23.0	1.820	2.703	11.3	17.7
2 1	10 24.88	+17 48.8	1.758	2.699	7.7	17.4
2 11	10 18.56	+19 19.7	1.722	2.696	4.2	17.2
2 21	10 11.21	+20 47.4	1.714	2.694	3.6	17.2
3 2	10 3.82	+22 3.5	1.735	2.692	6.8	17.4
3 12	9 57.43	+23 2.0	1.782	2.690	10.5	17.6
3 22	9 52.86	+23 39.9	1.852	2.690	13.9	17.8

462620 2009 PJ_{17} 2 20.3 220°.71 2°.4/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.70	+17 23.9	2.399	3.169	12.7	22.6
1 22	10 37.60	+17 49.7	2.295	3.159	10.1	22.4
2 1	10 30.26	+18 21.0	2.216	3.148	6.9	22.1
2 11	10 21.15	+18 53.3	2.164	3.136	3.7	21.9
2 21	10 11.03	+19 21.4	2.142	3.123	2.7	21.8
3 2	10 0.84	+19 40.7	2.151	3.110	5.5	22.0
3 12	9 51.57	+19 48.1	2.189	3.096	8.9	22.2
3 22	9 43.99	+19 42.6	2.253	3.081	12.1	22.3

140888 2001 VX_{28} 2 20.3 142°.47 6°.6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.27	+33 37.8	2.778	3.561	10.9	19.8
1 22	10 34.72	+34 54.1	2.714	3.569	9.0	19.6
2 1	10 28.13	+36 6.3	2.676	3.577	7.4	19.5
2 11	10 20.01	+37 7.4	2.665	3.584	6.6	19.5
2 21	10 11.12	+37 51.9	2.682	3.591	7.2	19.5
3 2	10 2.33	+38 16.0	2.726	3.598	8.6	19.6
3 12	9 54.51	+38 18.8	2.796	3.605	10.4	19.8
3 22	9 48.32	+38 1.8	2.888	3.611	12.2	19.9

293567 2007 HE_{58} 2 20.4 295°.24 5°.7/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.27	+22 52.2	1.861	2.666	14.6	20.5
1 22	10 34.11	+24 3.8	1.775	2.656	11.6	20.3
2 1	10 28.27	+25 20.9	1.712	2.646	8.4	20.1
2 11	10 20.30	+26 35.1	1.675	2.637	6.0	19.9
2 21	10 11.09	+27 37.4	1.665	2.627	6.2	19.9
3 2	10 1.83	+28 20.4	1.683	2.618	8.9	20.0
3 12	9 53.75	+28 40.0	1.725	2.609	12.3	20.2
3 22	9 47.79	+28 36.2	1.790	2.600	15.5	20.4

338328 2002 VQ_{127} 2 20.4 52°.97 0°.4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.41	+10 13.7	1.973	2.739	15.2	19.9
1 22	10 36.63	+ 9 57.9	1.901	2.759	12.1	19.7
2 1	10 29.51	+ 9 51.8	1.850	2.779	8.3	19.5
2 11	10 20.70	+ 9 52.5	1.826	2.799	4.2	19.3
2 21	10 11.08	+ 9 56.8	1.831	2.819	0.4	19.1
3 2	10 1.70	+10 0.9	1.865	2.840	4.4	19.4
3 12	9 53.55	+10 1.6	1.927	2.860	8.3	19.7
3 22	9 47.34	+ 9 56.8	2.015	2.881	11.7	19.9

209755 2005 ES_{218} 2 20.4 218°.13 0°.8/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.95	+10 13.0	2.100	2.866	14.4	21.6
1 22	10 34.98	+10 50.5	1.997	2.858	11.5	21.4
2 1	10 28.64	+11 41.2	1.917	2.849	7.9	21.1
2 11	10 20.43	+12 41.0	1.864	2.839	3.8	20.9
2 21	10 11.09	+13 44.0	1.840	2.828	1.0	20.6
3 2	10 1.62	+14 43.7	1.846	2.817	5.0	20.9
3 12	9 53.08	+15 34.2	1.881	2.805	9.1	21.1
3 22	9 46.31	+16 11.7	1.941	2.792	12.8	21.3

472745 2015 FY_{97} 2 20.4 170°.72 3°.6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.04	− 2 59.8	2.655	3.360	13.2	21.7
1 22	10 30.47	− 3 5.5	2.554	3.361	11.0	21.6
2 1	10 25.18	− 2 55.8	2.474	3.363	8.5	21.4
2 11	10 18.57	− 2 30.9	2.420	3.364	5.8	21.2
2 21	10 11.22	− 1 52.8	2.394	3.365	3.7	21.1
3 2	10 3.85	− 1 4.8	2.398	3.366	4.3	21.1
3 12	9 57.17	− 0 11.5	2.431	3.367	6.7	21.3
3 22	9 51.78	+ 0 42.2	2.491	3.367	9.4	21.4

488733 2004 RX_{41} 2 20.4 143°.85 2°.9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.46	+17 9.6	1.971	2.747	14.9	22.4
1 22	10 40.02	+17 44.3	1.893	2.759	11.7	22.2
2 1	10 31.98	+18 25.7	1.838	2.771	8.0	22.0
2 11	10 21.98	+19 7.8	1.810	2.782	4.3	21.8
2 21	10 10.99	+19 44.1	1.811	2.793	3.1	21.7
3 2	10 0.18	+20 9.1	1.843	2.802	6.3	21.9
3 12	9 50.68	+20 19.5	1.902	2.811	10.0	22.2
3 22	9 43.31	+20 14.9	1.986	2.819	13.3	22.4

42592 1997 HT 2 20.4 275°.72 0°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.43	+ 7 18.2	2.055	2.821	14.7	19.7
1 22	10 32.16	+ 7 36.3	1.959	2.817	11.8	19.5
2 1	10 26.65	+ 8 8.6	1.885	2.813	8.2	19.3
2 11	10 19.41	+ 8 51.9	1.836	2.809	4.2	19.0
2 21	10 11.17	+ 9 41.6	1.816	2.805	0.5	18.7
3 2	10 2.87	+10 32.0	1.825	2.801	4.4	19.0
3 12	9 55.52	+11 17.7	1.862	2.797	8.5	19.3
3 22	9 49.87	+11 54.2	1.924	2.793	12.1	19.5

125101 2001 UM_{34} 2 20.4 124°.88 0°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.39	+ 7 37.1	1.690	2.462	17.1	20.6
1 22	10 35.64	+ 8 21.4	1.612	2.475	13.6	20.4
2 1	10 29.21	+ 9 23.7	1.555	2.486	9.4	20.2
2 11	10 20.70	+10 38.7	1.523	2.498	4.6	19.9
2 21	10 11.09	+11 58.8	1.520	2.509	0.5	19.6
3 2	10 1.57	+13 15.4	1.545	2.519	5.4	20.0
3 12	9 53.34	+14 21.1	1.598	2.529	9.9	20.3
3 22	9 47.29	+15 11.1	1.675	2.538	13.9	20.5

412134 2013 GV_{49} 2 20.4 293°.82 0°.4/20.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.07	+ 7 24.2	1.534	2.320	18.0	21.6
1 22	10 33.65	+ 7 41.8	1.435	2.304	14.6	21.3
2 1	10 28.29	+ 8 18.4	1.355	2.288	10.3	21.0
2 11	10 20.47	+ 9 10.9	1.298	2.272	5.3	20.7
2 21	10 11.09	+10 13.2	1.268	2.257	0.5	20.3
3 2	10 1.46	+11 17.1	1.265	2.241	5.8	20.6
3 12	9 53.01	+12 14.1	1.287	2.226	11.0	20.9
3 22	9 46.87	+12 58.0	1.332	2.211	15.7	21.1

468592 2007 TX_{195} 2 20.4 154°.75 3°.6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.65	− 3 16.8	2.517	3.225	13.8	22.1
1 22	10 30.27	− 3 16.0	2.418	3.228	11.5	22.0
2 1	10 25.09	− 2 58.2	2.340	3.230	8.8	21.8
2 11	10 18.55	− 2 24.1	2.288	3.233	6.0	21.6
2 21	10 11.25	− 1 35.8	2.263	3.236	3.8	21.5
3 2	10 3.92	− 0 37.3	2.268	3.238	4.3	21.5
3 12	9 57.33	+ 0 26.1	2.302	3.240	6.9	21.7
3 22	9 52.09	+ 1 29.1	2.364	3.242	9.8	21.9

233638 2007 VP_{216} 2 20.4 16°.29 0°.2/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.83	+ 8 43.7	2.140	2.910	14.1	21.1
1 22	10 31.53	+ 8 57.2	2.051	2.911	11.2	20.9
2 1	10 26.12	+ 9 22.7	1.983	2.913	7.8	20.7
2 11	10 19.10	+ 9 56.9	1.942	2.915	3.9	20.4
2 21	10 11.21	+10 35.6	1.929	2.918	0.3	20.1
3 2	10 3.34	+11 13.9	1.945	2.920	4.3	20.5
3 12	9 56.39	+11 46.9	1.990	2.923	8.1	20.7
3 22	9 51.09	+12 11.5	2.059	2.926	11.5	20.9

381306 2007 VX_{30} 2 20.4 59°.84 4°.8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.34	− 4 52.8	2.148	2.856	15.9	20.8
1 22	10 31.78	− 5 13.7	2.071	2.876	13.3	20.6
2 1	10 26.18	− 5 15.3	2.013	2.897	10.4	20.5
2 11	10 19.08	− 4 57.6	1.979	2.917	7.3	20.3
2 21	10 11.22	− 4 22.6	1.972	2.938	5.1	20.2
3 2	10 3.46	− 3 34.2	1.994	2.958	5.4	20.3
3 12	9 56.68	− 2 38.3	2.043	2.979	7.8	20.5
3 22	9 51.51	− 1 40.9	2.119	3.000	10.6	20.7

456789 2007 TD_{200} 2 20.4 75°.97 0°.8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.99	+10 29.7	1.554	2.339	17.9	21.7
1 22	10 36.98	+10 56.2	1.489	2.360	14.1	21.5
2 1	10 30.11	+11 37.2	1.445	2.380	9.6	21.3
2 11	10 21.11	+12 27.2	1.425	2.401	4.6	21.1
2 21	10 11.08	+13 18.8	1.433	2.421	1.0	20.9
3 2	10 1.33	+14 4.8	1.468	2.441	5.7	21.2
3 12	9 53.11	+14 39.5	1.530	2.461	10.3	21.5
3 22	9 47.26	+14 59.9	1.616	2.481	14.2	21.8

138419 2000 HU_{56} 2 20.4 251°.47 4°.0/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.65	− 5 25.3	2.757	3.446	13.1	21.1
1 22	10 30.26	− 5 23.6	2.633	3.428	11.1	20.9
2 1	10 25.12	− 5 4.8	2.531	3.409	8.7	20.7
2 11	10 18.61	− 4 28.9	2.453	3.390	6.2	20.5
2 21	10 11.25	− 3 37.3	2.404	3.370	4.2	20.3
3 2	10 3.73	− 2 33.3	2.385	3.351	4.5	20.3
3 12	9 56.78	− 1 21.8	2.396	3.330	6.8	20.4
3 22	9 51.04	− 0 8.4	2.434	3.309	9.6	20.6

329520 2002 SV 2 20.4 186°.36 9°.7/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	11 16.24	+26 43.5	0.935	1.730	26.3	22.0
1 22	11 8.47	+27 28.7	0.863	1.733	21.7	21.7
2 1	10 54.09	+28 16.4	0.807	1.734	16.2	21.4
2 11	10 33.84	+28 46.5	0.772	1.733	11.1	21.1
2 21	10 10.19	+28 38.7	0.761	1.729	10.0	21.0
3 2	9 47.01	+27 42.8	0.776	1.723	14.4	21.2
3 12	9 27.98	+26 4.6	0.813	1.715	20.3	21.5
3 22	9 15.00	+23 59.7	0.870	1.705	25.8	21.8

379742 2011 GH_{66} 2 20.4 313°.69 7°.1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.38	+28 9.7	1.825	2.628	14.9	20.4
1 22	10 37.48	+29 5.1	1.742	2.617	12.1	20.2
2 1	10 30.65	+30 0.1	1.680	2.606	9.3	20.0
2 11	10 21.50	+30 45.7	1.644	2.595	7.3	19.9
2 21	10 11.06	+31 13.5	1.635	2.585	7.6	19.9
3 2	10 0.66	+31 17.4	1.652	2.575	10.0	20.0
3 12	9 51.65	+30 55.7	1.693	2.565	13.1	20.2
3 22	9 45.01	+30 10.7	1.756	2.556	16.1	20.3

200690 2001 UG_{22} 2 20.4 166°.20 2°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.45	+ 2 1.8	1.816	2.558	17.2	20.9
1 22	10 37.16	+ 1 51.9	1.725	2.562	14.1	20.7
2 1	10 30.24	+ 1 59.9	1.654	2.566	10.4	20.5
2 11	10 21.25	+ 2 24.7	1.608	2.569	6.3	20.3
2 21	10 11.08	+ 3 3.2	1.589	2.572	3.0	20.1
3 2	10 0.89	+ 3 49.9	1.599	2.574	5.0	20.2
3 12	9 51.87	+ 4 38.4	1.637	2.575	9.1	20.4
3 22	9 44.92	+ 5 22.8	1.700	2.576	13.0	20.7

129552 1996 TH_{30} 2 20.4 119°.13 1°.1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.56	+11 13.1	1.861	2.634	15.8	21.2
1 22	10 37.04	+11 47.0	1.786	2.650	12.4	21.0
2 1	10 29.98	+12 33.2	1.733	2.666	8.4	20.8
2 11	10 21.03	+13 26.6	1.707	2.682	4.1	20.6
2 21	10 11.11	+14 20.5	1.709	2.697	1.3	20.4
3 2	10 1.35	+15 8.6	1.741	2.711	5.3	20.7
3 12	9 52.87	+15 45.6	1.801	2.725	9.4	21.0
3 22	9 46.45	+16 9.0	1.885	2.738	13.0	21.2

352130 2007 GY_{65} 2 20.4 265°.09 6°.0/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.46	+22 43.1	1.644	2.443	16.4	21.5
1 22	10 40.43	+23 39.8	1.544	2.422	13.2	21.2
2 1	10 33.08	+24 43.1	1.467	2.400	9.6	21.0
2 11	10 22.91	+25 44.0	1.414	2.378	6.5	20.7
2 21	10 10.96	+26 31.9	1.388	2.355	6.5	20.7
3 2	9 58.72	+26 58.3	1.389	2.332	9.7	20.8
3 12	9 47.85	+26 58.7	1.416	2.308	13.9	21.0
3 22	9 39.61	+26 33.6	1.464	2.284	17.8	21.1

322785 2001 QW_{7} 2 20.4 130°.81 0°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.56	+ 5 57.3	2.499	3.240	13.0	21.9
1 22	10 33.99	+ 6 31.9	2.416	3.259	10.4	21.7
2 1	10 27.54	+ 7 19.2	2.356	3.277	7.2	21.6
2 11	10 19.72	+ 8 16.1	2.325	3.295	3.7	21.4
2 21	10 11.20	+ 9 17.8	2.323	3.312	0.5	21.1
3 2	10 2.76	+10 19.3	2.353	3.328	3.7	21.4
3 12	9 55.20	+11 15.6	2.414	3.343	7.1	21.7
3 22	9 49.12	+12 3.2	2.501	3.357	10.1	21.9

417092 2005 UA_{309} 2 20.4 106°.28 1°.5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.35	+12 40.1	1.934	2.714	15.0	22.1
1 22	10 34.51	+13 14.6	1.854	2.723	11.8	21.9
2 1	10 28.26	+14 0.0	1.796	2.732	8.0	21.7
2 11	10 20.19	+14 51.3	1.765	2.741	3.9	21.5
2 21	10 11.16	+15 42.2	1.763	2.749	1.7	21.3
3 2	10 2.23	+16 26.4	1.789	2.757	5.4	21.6
3 12	9 54.44	+16 59.3	1.843	2.766	9.4	21.9
3 22	9 48.57	+17 18.3	1.921	2.774	12.8	22.1

61815 2000 QZ_{189} 2 20.4 64°.86 3°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.34	+14 18.3	1.373	2.178	18.8	18.6
1 22	10 36.83	+15 25.3	1.319	2.202	14.6	18.4
2 1	10 30.16	+16 45.8	1.286	2.227	9.8	18.2
2 11	10 21.18	+18 10.2	1.277	2.252	5.1	18.0
2 21	10 11.10	+19 27.9	1.295	2.277	3.7	18.0
3 2	10 1.42	+20 29.5	1.339	2.302	7.7	18.3
3 12	9 53.48	+21 9.5	1.409	2.327	12.1	18.6
3 22	9 48.18	+21 27.0	1.501	2.351	15.9	18.9

492451 2014 MO_{56} 2 20.4 201°.93 2°.5/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.87	+14 43.9	2.106	2.881	14.1	23.0
1 22	10 36.49	+15 38.0	2.009	2.876	11.1	22.8
2 1	10 29.69	+16 42.6	1.936	2.871	7.6	22.6
2 11	10 20.96	+17 52.0	1.891	2.865	3.9	22.3
2 21	10 11.11	+18 59.1	1.875	2.857	2.8	22.2
3 2	10 1.16	+19 56.8	1.889	2.849	6.1	22.4
3 12	9 52.22	+20 40.2	1.932	2.840	9.9	22.6
3 22	9 45.13	+21 6.7	1.999	2.830	13.3	22.8

439908 2000 XH_{47} 2 20.4 85°.94 16°.9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	11 8.85	− 7 43.0	0.734	1.484	35.4	20.9
1 22	11 1.57	−11 25.5	0.696	1.516	30.7	20.7
2 1	10 48.44	−14 33.8	0.670	1.547	25.5	20.5
2 11	10 30.59	−16 49.6	0.660	1.578	20.5	20.4
2 21	10 10.46	−17 59.3	0.669	1.607	17.3	20.4
3 2	9 51.41	−18 2.7	0.698	1.635	17.3	20.5
3 12	9 36.39	−17 15.9	0.746	1.663	19.8	20.8
3 22	9 26.84	−16 1.4	0.811	1.688	23.3	21.1

87154 2000 NB_{21} 2 20.4 152°.41 2°.5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.78	+14 15.3	2.336	3.113	12.8	20.4
1 22	10 32.92	+15 33.3	2.252	3.121	10.0	20.2
2 1	10 27.02	+17 1.7	2.193	3.128	6.8	20.0
2 11	10 19.55	+18 34.1	2.162	3.135	3.6	19.8
2 21	10 11.21	+20 3.6	2.162	3.142	2.9	19.8
3 2	10 2.88	+21 23.1	2.192	3.148	5.7	20.0
3 12	9 55.44	+22 27.5	2.251	3.153	9.0	20.2
3 22	9 49.58	+23 14.3	2.336	3.158	11.9	20.4

400262 2007 RY_{117} 2 20.4 245°.86 1°.3/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.29	+ 5 13.5	1.895	2.651	16.1	22.3
1 22	10 35.62	+ 5 27.0	1.784	2.634	13.1	22.0
2 1	10 29.35	+ 5 57.7	1.694	2.617	9.4	21.8
2 11	10 20.92	+ 6 43.3	1.630	2.599	5.1	21.5
2 21	10 11.11	+ 7 39.6	1.593	2.581	1.3	21.1
3 2	10 1.04	+ 8 40.2	1.585	2.561	4.9	21.4
3 12	9 51.90	+ 9 38.0	1.606	2.541	9.5	21.6
3 22	9 44.70	+10 27.2	1.651	2.521	13.7	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
174558 2003 FB_{99}			2 20.4 325°.16		2°.9/17.6 18	
	h m	° ′			°	m
1 12	10 35.02	+17 35.2	2.242	3.032	12.9	19.6
1 22	10 31.71	+18 16.0	2.151	3.026	10.1	19.4
2 1	10 26.27	+19 3.5	2.084	3.021	6.9	19.2
2 11	10 19.21	+19 52.4	2.043	3.016	3.9	19.0
2 21	10 11.24	+20 36.9	2.031	3.011	3.2	18.9
3 2	10 3.26	+21 11.7	2.049	3.006	5.9	19.1
3 12	9 56.20	+21 33.1	2.093	3.001	9.2	19.3
3 22	9 50.77	+21 39.6	2.162	2.997	12.3	19.5
37074 2000 UV_{53}			2 20.4 85°.20		1°.4/21.6 18	
1 12	10 35.37	+ 4 14.6	1.956	2.714	15.6	18.8
1 22	10 32.15	+ 4 34.2	1.869	2.720	12.6	18.6
2 1	10 26.65	+ 5 10.7	1.804	2.726	9.0	18.4
2 11	10 19.42	+ 6 1.4	1.764	2.732	4.9	18.1
2 21	10 11.24	+ 7 1.6	1.751	2.738	1.4	17.9
3 2	10 3.08	+ 8 4.9	1.768	2.745	4.4	18.1
3 12	9 55.94	+ 9 4.9	1.812	2.751	8.4	18.4
3 22	9 50.58	+ 9 56.4	1.882	2.757	12.0	18.6
453863 2011 UB_{95}			2 20.4 39°.80		2°.4/18.8 18	
1 12	10 38.94	+13 54.3	1.314	2.124	19.2	21.3
1 22	10 36.03	+14 26.0	1.248	2.134	15.1	21.1
2 1	10 29.84	+15 11.3	1.202	2.145	10.3	20.8
2 11	10 21.13	+16 2.9	1.180	2.156	5.1	20.6
2 21	10 11.12	+16 52.0	1.182	2.168	2.7	20.4
3 2	10 1.36	+17 30.1	1.211	2.181	7.2	20.7
3 12	9 53.33	+17 51.5	1.264	2.194	12.1	21.0
3 22	9 48.01	+17 54.5	1.339	2.207	16.4	21.3
271058 2003 GC_{36}			2 20.4 20°.34		8°.3/13.5 18	
1 12	10 31.81	+22 57.3	1.220	2.061	18.5	18.6
1 22	10 30.85	+25 2.8	1.170	2.071	14.6	18.3
2 1	10 26.52	+27 15.3	1.141	2.083	10.8	18.2
2 11	10 19.55	+29 19.5	1.135	2.096	8.4	18.1
2 21	10 11.23	+31 0.6	1.154	2.110	9.3	18.1
3 2	10 3.17	+32 7.9	1.196	2.126	12.4	18.4
3 12	9 56.90	+32 37.8	1.260	2.142	16.0	18.6
3 22	9 53.40	+32 33.2	1.342	2.160	19.2	18.9
238483 2004 RA_{192}			2 20.4 201°.70		0°.2/20.5 18	
1 12	10 41.54	+ 8 56.1	1.739	2.510	16.8	21.0
1 22	10 37.45	+ 9 4.8	1.646	2.507	13.5	20.8
2 1	10 30.58	+ 9 27.7	1.575	2.505	9.4	20.5
2 11	10 21.49	+10 1.4	1.528	2.501	4.7	20.2
2 21	10 11.10	+10 40.5	1.509	2.498	0.3	19.9
3 2	10 0.66	+11 18.9	1.519	2.494	5.3	20.2
3 12	9 51.44	+11 50.7	1.556	2.489	9.9	20.5
3 22	9 44.42	+12 12.1	1.617	2.484	14.1	20.7
117997 Irazu			2 20.4 50°.32		13°.0/17.4 17	
1 12	11 7.66	+36 38.0	0.961	1.770	24.8	18.7
1 22	11 0.54	+37 7.4	0.912	1.781	20.9	18.5
2 1	10 47.43	+37 21.2	0.878	1.793	16.8	18.3
2 11	10 29.85	+37 0.2	0.864	1.805	13.7	18.2
2 21	10 10.60	+35 51.6	0.873	1.818	13.3	18.2
3 2	9 52.99	+33 55.1	0.904	1.831	15.7	18.4
3 12	9 39.58	+31 22.6	0.957	1.844	19.4	18.6
3 22	9 31.37	+28 30.9	1.029	1.858	23.1	18.9
369273 2009 QO_{7}			2 20.4 204°.20		2°.8/22.9 16	
1 12	10 38.22	+ 0 33.8	2.399	3.120	14.0	22.3
1 22	10 34.03	+ 0 30.2	2.292	3.115	11.6	22.1
2 1	10 27.81	+ 0 41.7	2.206	3.109	8.6	21.9
2 11	10 19.99	+ 1 7.4	2.147	3.103	5.4	21.7
2 21	10 11.24	+ 1 45.1	2.116	3.096	2.9	21.5
3 2	10 2.38	+ 2 30.8	2.116	3.089	4.2	21.6
3 12	9 54.31	+ 3 19.6	2.145	3.080	7.4	21.7
3 22	9 47.73	+ 4 6.5	2.200	3.072	10.7	21.9
191982 2005 WV_{89}			2 20.4 186°.85		1°.0/21.2 18	
1 12	10 40.42	+ 4 50.0	1.951	2.700	15.9	21.5
1 22	10 36.25	+ 5 18.6	1.854	2.701	12.9	21.3
2 1	10 29.59	+ 6 4.9	1.778	2.700	9.1	21.0
2 11	10 20.96	+ 7 5.8	1.729	2.698	4.8	20.8
2 21	10 11.17	+ 8 16.1	1.708	2.696	1.0	20.5
3 2	10 1.30	+ 9 28.6	1.717	2.692	4.7	20.7
3 12	9 52.47	+10 36.3	1.755	2.688	9.0	21.0
3 22	9 45.56	+11 33.5	1.818	2.683	12.9	21.2
232994 2005 ES_{160}			2 20.4 5°.83		4°.4/16.8 18	
1 12	10 38.95	+21 47.1	1.950	2.748	14.3	20.3
1 22	10 35.12	+22 24.9	1.870	2.748	11.3	20.1
2 1	10 28.76	+23 6.3	1.813	2.748	7.9	19.8
2 11	10 20.49	+23 44.4	1.782	2.749	5.1	19.7
2 21	10 11.21	+24 12.8	1.779	2.750	4.7	19.7
3 2	10 2.03	+24 26.2	1.803	2.752	7.4	19.8
3 12	9 54.07	+24 22.0	1.854	2.753	10.7	20.0
3 22	9 48.13	+24 0.5	1.929	2.756	13.9	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
417226 2005 YE_{47}			2 20.4 90°.38		3°.1/22.9 18	
	h m	° ′			°	m
1 12	10 41.15	+ 1 45.0	2.067	2.798	15.7	21.5
1 22	10 36.38	+ 1 20.6	1.989	2.818	12.8	21.3
2 1	10 29.38	+ 1 11.2	1.932	2.838	9.5	21.1
2 11	10 20.71	+ 1 16.0	1.901	2.858	5.9	20.9
2 21	10 11.20	+ 1 32.7	1.897	2.877	3.2	20.8
3 2	10 1.85	+ 1 57.6	1.924	2.897	4.6	20.9
3 12	9 53.61	+ 2 25.8	1.979	2.915	7.9	21.2
3 22	9 47.19	+ 2 53.0	2.060	2.934	11.2	21.4
249411 2009 DR_{6}			2 20.4 311°.30		3°.0/17.2 17	
1 12	10 33.50	+16 18.3	2.153	2.946	13.3	20.5
1 22	10 30.67	+17 21.0	2.061	2.938	10.4	20.3
2 1	10 25.67	+18 33.1	1.992	2.931	7.1	20.1
2 11	10 18.98	+19 48.8	1.951	2.924	4.0	19.8
2 21	10 11.31	+21 0.9	1.938	2.916	3.4	19.8
3 2	10 3.58	+22 2.6	1.954	2.909	6.3	20.0
3 12	9 56.74	+22 49.0	1.997	2.903	9.8	20.2
3 22	9 51.56	+23 17.7	2.064	2.896	12.9	20.3
151027 2001 UA_{146}			2 20.4 61°.22		3°.3/17.8 18	
1 12	10 38.20	+16 39.8	1.745	2.543	15.7	20.3
1 22	10 34.73	+17 27.8	1.671	2.550	12.3	20.1
2 1	10 28.61	+18 24.9	1.618	2.557	8.4	19.9
2 11	10 20.45	+19 24.1	1.591	2.564	4.6	19.6
2 21	10 11.22	+20 17.9	1.591	2.572	3.6	19.6
3 2	10 2.11	+20 59.0	1.619	2.579	6.9	19.8
3 12	9 54.30	+21 23.2	1.674	2.587	10.8	20.1
3 22	9 48.63	+21 29.2	1.751	2.594	14.3	20.3
110899 2001 UE_{117}			2 20.4 89°.15		0°.6/20.9 18	
1 12	10 36.95	+ 7 7.3	1.857	2.626	16.0	20.0
1 22	10 33.55	+ 7 24.9	1.771	2.631	12.8	19.8
2 1	10 27.71	+ 7 57.8	1.706	2.635	8.9	19.6
2 11	10 20.00	+ 8 42.6	1.667	2.639	4.6	19.3
2 21	10 11.25	+ 9 34.2	1.655	2.644	0.6	19.0
3 2	10 2.53	+10 26.3	1.672	2.648	4.7	19.3
3 12	9 54.92	+11 12.6	1.717	2.653	9.0	19.6
3 22	9 49.22	+11 49.0	1.786	2.657	12.8	19.8
203387 2001 XK_{103}			2 20.4 165°.89		3°.2/17.6 18	
1 12	10 44.74	+18 7.2	2.146	2.920	13.9	21.2
1 22	10 39.37	+18 53.4	2.062	2.928	10.9	21.0
2 1	10 31.54	+19 46.1	2.002	2.934	7.5	20.8
2 11	10 21.85	+20 38.8	1.969	2.939	4.3	20.6
2 21	10 11.15	+21 25.0	1.966	2.944	3.5	20.5
3 2	10 0.53	+21 59.1	1.993	2.947	6.4	20.7
3 12	9 51.06	+22 17.6	2.049	2.949	9.8	20.9
3 22	9 43.55	+22 19.8	2.130	2.951	12.9	21.2
289079 2004 TS_{237}			2 20.4 163°.70		3°.1/17.9 18	
1 12	10 42.99	+16 44.8	1.977	2.757	14.7	21.5
1 22	10 38.21	+17 33.4	1.894	2.763	11.6	21.3
2 1	10 30.87	+18 30.3	1.834	2.769	7.9	21.1
2 11	10 21.55	+19 29.0	1.801	2.774	4.3	20.9
2 21	10 11.17	+20 22.4	1.798	2.778	3.4	20.8
3 2	10 0.85	+21 3.9	1.824	2.781	6.5	21.0
3 12	9 51.74	+21 29.5	1.878	2.784	10.2	21.2
3 22	9 44.67	+21 37.9	1.956	2.786	13.6	21.5
490033 2008 TB_{7}			2 20.4 207°.14		3°.2/22.9 18	
1 12	10 38.79	− 0 15.1	1.806	2.543	17.5	22.1
1 22	10 35.24	− 0 6.3	1.705	2.539	14.4	21.9
2 1	10 29.08	+ 0 24.4	1.625	2.534	10.8	21.6
2 11	10 20.79	+ 1 16.0	1.568	2.528	6.7	21.4
2 21	10 11.22	+ 2 24.8	1.539	2.521	3.3	21.2
3 2	10 1.48	+ 3 44.2	1.538	2.514	5.1	21.3
3 12	9 52.80	+ 5 5.6	1.566	2.506	9.3	21.5
3 22	9 46.12	+ 6 21.3	1.618	2.497	13.4	21.7
397522 2007 TZ_{116}			2 20.4 171°.87		1°.9/21.9 18	
1 12	10 39.12	+ 3 51.8	1.840	2.593	16.6	21.7
1 22	10 35.33	+ 3 59.7	1.748	2.595	13.5	21.5
2 1	10 29.01	+ 4 25.1	1.677	2.597	9.7	21.2
2 11	10 20.69	+ 5 6.1	1.632	2.599	5.5	21.0
2 21	10 11.23	+ 5 58.1	1.613	2.600	1.9	20.7
3 2	10 1.74	+ 6 55.0	1.624	2.600	4.7	20.9
3 12	9 53.36	+ 7 50.0	1.662	2.600	9.0	21.2
3 22	9 46.97	+ 8 37.6	1.726	2.600	12.9	21.4
122953 2000 SD_{202}			2 20.4 66°.77		0°.7/20.9 18	
1 12	10 35.84	+ 6 21.5	1.847	2.616	16.0	20.2
1 22	10 32.67	+ 6 44.9	1.764	2.623	12.8	20.0
2 1	10 27.10	+ 7 24.6	1.703	2.631	9.0	19.8
2 11	10 19.70	+ 8 17.1	1.666	2.639	4.6	19.5
2 21	10 11.31	+ 9 16.8	1.658	2.646	0.7	19.2
3 2	10 2.97	+10 17.2	1.678	2.654	4.6	19.5
3 12	9 55.73	+11 11.7	1.725	2.662	8.9	19.8
3 22	9 50.39	+11 55.5	1.797	2.670	12.6	20.1

204109 2003 WV_{140} 2 20.4 22°.24 7°.1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.94	+28 15.2	2.038	2.842	13.5	19.6
1 22	10 33.65	+29 46.6	1.969	2.844	10.9	19.4
2 1	10 27.84	+31 18.3	1.923	2.846	8.5	19.3
2 11	10 20.09	+32 41.1	1.904	2.847	7.1	19.2
2 21	10 11.28	+33 46.5	1.912	2.849	7.7	19.2
3 2	10 2.54	+34 28.3	1.947	2.851	9.9	19.4
3 12	9 54.97	+34 44.2	2.006	2.854	12.5	19.5
3 22	9 49.41	+34 35.5	2.087	2.856	14.9	19.7

279103 2008 YN_{152} 2 20.4 205°.83 2°.3/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.48	+ 3 13.8	2.587	3.315	13.0	21.0
1 22	10 34.03	+ 2 53.5	2.483	3.312	10.6	20.8
2 1	10 27.70	+ 2 44.3	2.401	3.309	7.8	20.7
2 11	10 19.91	+ 2 45.6	2.345	3.305	4.7	20.5
2 21	10 11.30	+ 2 55.4	2.320	3.302	2.4	20.3
3 2	10 2.64	+ 3 11.2	2.324	3.298	3.9	20.4
3 12	9 54.74	+ 3 29.6	2.359	3.294	6.9	20.6
3 22	9 48.23	+ 3 47.1	2.420	3.289	9.9	20.7

69831 1998 RO_{75} 2 20.4 190°.67 2°.5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.17	+16 38.0	2.264	3.045	13.1	19.6
1 22	10 34.12	+17 13.3	2.174	3.045	10.2	19.4
2 1	10 27.92	+17 55.3	2.108	3.044	7.0	19.2
2 11	10 20.07	+18 39.2	2.070	3.043	3.7	18.9
2 21	10 11.31	+19 19.3	2.060	3.042	2.7	18.9
3 2	10 2.57	+19 50.7	2.080	3.040	5.6	19.1
3 12	9 54.79	+20 9.7	2.128	3.039	9.0	19.3
3 22	9 48.68	+20 15.0	2.201	3.037	12.0	19.5

185682 1996 JR_{16} 2 20.4 4°.29 7°.6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.87	−10 12.1	1.672	2.377	19.8	21.1
1 22	10 30.75	−10 38.0	1.581	2.376	17.2	20.9
2 1	10 26.06	−10 35.5	1.507	2.376	14.1	20.7
2 11	10 19.32	−10 2.0	1.454	2.377	10.8	20.5
2 21	10 11.36	− 8 58.2	1.424	2.378	8.1	20.3
3 2	10 3.31	− 7 29.0	1.420	2.379	7.8	20.3
3 12	9 56.38	− 5 43.9	1.442	2.380	10.1	20.4
3 22	9 51.47	− 3 53.7	1.488	2.382	13.4	20.6

199408 2006 CC_{27} 2 20.4 269°.00 1°.0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.88	+10 58.3	2.024	2.802	14.5	20.9
1 22	10 32.63	+11 31.6	1.929	2.796	11.5	20.7
2 1	10 27.08	+12 17.3	1.856	2.791	7.9	20.4
2 11	10 19.73	+13 11.3	1.810	2.785	3.8	20.2
2 21	10 11.34	+14 7.6	1.792	2.780	1.2	20.0
3 2	10 2.89	+15 0.0	1.803	2.774	5.1	20.2
3 12	9 55.40	+15 43.0	1.842	2.769	9.1	20.4
3 22	9 49.68	+16 13.1	1.905	2.763	12.7	20.7

78861 2003 QN_{77} 2 20.4 126°.23 3°.7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.55	− 3 36.6	2.097	2.806	16.1	20.3
1 22	10 34.42	− 3 19.3	2.013	2.825	13.4	20.2
2 1	10 28.11	− 2 40.8	1.949	2.842	10.1	20.0
2 11	10 20.14	− 1 42.2	1.910	2.859	6.6	19.8
2 21	10 11.32	− 0 27.5	1.899	2.875	3.9	19.6
3 2	10 2.57	+ 0 57.3	1.918	2.890	4.7	19.7
3 12	9 54.84	+ 2 24.6	1.966	2.904	7.9	19.9
3 22	9 48.84	+ 3 47.4	2.041	2.918	11.1	20.2

461977 2006 VD_{31} 2 20.4 101°.82 0°.4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.62	+ 7 37.2	1.974	2.733	15.5	22.1
1 22	10 36.10	+ 7 56.0	1.900	2.754	12.3	21.9
2 1	10 29.25	+ 8 28.3	1.849	2.775	8.5	21.7
2 11	10 20.69	+ 9 10.5	1.824	2.796	4.3	21.5
2 21	10 11.29	+ 9 57.4	1.827	2.816	0.4	21.2
3 2	10 2.06	+10 43.4	1.860	2.835	4.5	21.6
3 12	9 54.01	+11 23.3	1.922	2.854	8.4	21.9
3 22	9 47.86	+11 53.6	2.009	2.873	11.9	22.1

245034 2004 EE_{58} 2 20.4 29°.80 2°.9/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.48	+18 32.2	2.178	2.965	13.3	20.6
1 22	10 34.42	+18 59.3	2.094	2.967	10.5	20.4
2 1	10 28.14	+19 31.4	2.033	2.969	7.2	20.2
2 11	10 20.18	+20 3.3	1.999	2.971	4.0	20.0
2 21	10 11.33	+20 29.7	1.994	2.974	3.2	20.0
3 2	10 2.56	+20 45.9	2.018	2.976	5.9	20.2
3 12	9 54.83	+20 49.2	2.070	2.979	9.3	20.4
3 22	9 48.87	+20 38.9	2.146	2.982	12.3	20.6

209456 2004 GO_{16} 2 20.4 343°.07 3°.2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 29.56	− 2 54.8	1.958	2.695	16.3	20.0
1 22	10 27.73	− 2 21.5	1.857	2.688	13.5	19.8
2 1	10 23.77	− 1 23.7	1.776	2.681	10.2	19.5
2 11	10 18.11	− 0 2.8	1.719	2.675	6.5	19.3
2 21	10 11.45	+ 1 36.9	1.689	2.670	3.4	19.1
3 2	10 4.70	+ 3 27.8	1.688	2.665	4.6	19.2
3 12	9 58.82	+ 5 20.5	1.715	2.660	8.3	19.4
3 22	9 54.58	+ 7 6.5	1.769	2.657	12.0	19.6

253179 2002 XU_{11} 2 20.4 177°.01 3°.0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.31	+17 49.6	2.046	2.828	14.3	20.4
1 22	10 37.63	+18 22.7	1.960	2.829	11.2	20.2
2 1	10 30.46	+19 2.1	1.896	2.830	7.7	20.0
2 11	10 21.38	+19 42.1	1.859	2.831	4.2	19.8
2 21	10 11.26	+20 16.4	1.851	2.832	3.3	19.7
3 2	10 1.20	+20 39.8	1.873	2.831	6.3	19.9
3 12	9 52.28	+20 48.8	1.923	2.831	9.9	20.1
3 22	9 45.35	+20 42.8	1.996	2.830	13.2	20.3

208181 2000 QN_{109} 2 20.4 271°.21 0°.2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.27	+10 47.6	2.377	3.141	13.0	20.6
1 22	10 33.30	+10 52.7	2.278	3.137	10.3	20.4
2 1	10 27.30	+11 6.7	2.203	3.132	7.1	20.2
2 11	10 19.77	+11 26.6	2.154	3.128	3.5	20.0
2 21	10 11.37	+11 49.0	2.135	3.123	0.4	19.7
3 2	10 2.94	+12 9.9	2.146	3.119	4.1	20.0
3 12	9 55.36	+12 25.6	2.185	3.114	7.7	20.2
3 22	9 49.31	+12 33.8	2.250	3.110	10.9	20.4

191326 2003 MV_{5} 2 20.4 211°.05 6°.0/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.18	− 9 25.7	2.574	3.236	14.5	20.7
1 22	10 33.16	−10 0.9	2.463	3.229	12.6	20.5
2 1	10 27.21	−10 18.7	2.372	3.223	10.3	20.4
2 11	10 19.75	−10 17.2	2.305	3.216	8.0	20.2
2 21	10 11.37	− 9 56.5	2.265	3.208	6.3	20.1
3 2	10 2.85	− 9 18.6	2.253	3.200	6.2	20.1
3 12	9 55.03	− 8 27.6	2.270	3.192	7.9	20.2
3 22	9 48.59	− 7 29.3	2.313	3.183	10.3	20.3

423858 2006 QY_{162} 2 20.4 244°.69 4°.6/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.10	+26 40.7	2.673	3.446	11.5	21.1
1 22	10 39.35	+27 7.4	2.573	3.432	9.2	20.9
2 1	10 31.40	+27 33.0	2.497	3.418	6.8	20.8
2 11	10 21.79	+27 52.0	2.449	3.404	4.9	20.6
2 21	10 11.25	+27 59.4	2.431	3.389	4.9	20.6
3 2	10 0.73	+27 51.7	2.444	3.374	6.9	20.7
3 12	9 51.16	+27 27.5	2.486	3.359	9.4	20.8
3 22	9 43.30	+26 48.1	2.552	3.343	11.9	21.0

323791 2005 QR_{130} 2 20.4 271°.41 2°.8/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.07	+15 58.2	1.848	2.639	15.2	21.3
1 22	10 35.55	+16 35.1	1.750	2.625	12.1	21.0
2 1	10 29.35	+17 21.8	1.673	2.611	8.3	20.8
2 11	10 20.98	+18 12.7	1.622	2.596	4.4	20.5
2 21	10 11.30	+19 0.5	1.599	2.582	3.1	20.4
3 2	10 1.47	+19 38.3	1.605	2.567	6.7	20.6
3 12	9 52.75	+20 1.2	1.637	2.553	10.8	20.8
3 22	9 46.09	+20 6.9	1.692	2.538	14.6	21.0

98818 2000 YH_{125} 2 20.4 21°.33 2°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.76	+17 10.4	1.181	1.995	20.7	18.4
1 22	10 41.02	+16 48.5	1.116	2.003	16.4	18.1
2 1	10 33.49	+16 33.1	1.069	2.012	11.3	17.9
2 11	10 23.05	+16 18.6	1.045	2.022	5.7	17.6
2 21	10 11.18	+15 59.1	1.046	2.033	2.5	17.4
3 2	9 59.72	+15 30.2	1.072	2.045	7.3	17.7
3 12	9 50.38	+14 50.3	1.123	2.059	12.6	18.1
3 22	9 44.23	+14 0.1	1.194	2.073	17.2	18.4

172910 2005 GF_{96} 2 20.4 354°.66 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.22	+ 8 5.2	1.331	2.133	19.4	20.1
1 22	10 32.46	+ 8 19.2	1.250	2.129	15.6	19.9
2 1	10 27.59	+ 8 52.8	1.188	2.126	10.9	19.6
2 11	10 20.20	+ 9 42.0	1.148	2.124	5.5	19.3
2 21	10 11.36	+10 39.8	1.134	2.122	0.3	18.9
3 2	10 2.48	+11 37.3	1.144	2.122	6.0	19.3
3 12	9 55.05	+12 25.9	1.180	2.122	11.4	19.6
3 22	9 50.16	+13 0.0	1.236	2.123	16.1	19.9

370473 2003 FQ_{90} 2 20.4 323°.99 4°.2/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.16	+20 56.2	1.535	2.339	17.2	19.9
1 22	10 39.42	+21 2.7	1.441	2.322	13.8	19.6
2 1	10 32.37	+21 12.7	1.367	2.305	9.7	19.3
2 11	10 22.60	+21 19.1	1.317	2.289	5.7	19.1
2 21	10 11.21	+21 15.1	1.293	2.273	4.5	18.9
3 2	9 59.73	+20 54.9	1.297	2.258	8.1	19.1
3 12	9 49.76	+20 16.4	1.326	2.244	12.6	19.3
3 22	9 42.47	+19 21.0	1.377	2.231	16.8	19.5

306250 2011 QC_{88} 2 20.4 216°.70 4°.0/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.30	+26 6.3	3.202	3.975	9.8	22.8
1 22	10 35.21	+26 45.8	3.104	3.965	7.8	22.6
2 1	10 28.39	+27 25.2	3.033	3.955	5.8	22.5
2 11	10 20.24	+27 59.7	2.990	3.944	4.2	22.3
2 21	10 11.38	+28 25.1	2.978	3.933	4.3	22.3
3 2	10 2.50	+28 38.1	2.997	3.921	6.0	22.4
3 12	9 54.35	+28 36.9	3.044	3.908	8.1	22.5
3 22	9 47.51	+28 21.8	3.117	3.896	10.2	22.7

249832 2001 OU_{37} 2 20.4 82°.30 5°.6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.89	+22 1.5	1.823	2.622	15.1	19.9
1 22	10 36.67	+23 37.4	1.771	2.649	11.8	19.8
2 1	10 29.81	+25 17.4	1.743	2.676	8.4	19.6
2 11	10 21.03	+26 51.5	1.742	2.703	5.9	19.5
2 21	10 11.33	+28 10.4	1.769	2.729	6.2	19.6
3 2	10 1.92	+29 7.3	1.825	2.755	8.7	19.8
3 12	9 53.93	+29 39.3	1.906	2.781	11.7	20.0
3 22	9 48.12	+29 47.5	2.009	2.806	14.5	20.3

352757 2008 TH_{175} 2 20.4 297°.72 0°.9/19.9 18

1 12	10 39.53	+11 8.9	1.420	2.216	18.7	21.5
1 22	10 36.61	+11 23.0	1.332	2.209	15.0	21.3
2 1	10 30.46	+11 52.6	1.263	2.201	10.4	21.0
2 11	10 21.66	+12 32.9	1.218	2.194	5.1	20.7
2 21	10 11.28	+13 17.0	1.199	2.187	1.1	20.4
3 2	10 0.78	+13 56.7	1.206	2.180	6.4	20.7
3 12	9 51.74	+14 25.3	1.238	2.173	11.8	21.0
3 22	9 45.29	+14 38.8	1.292	2.166	16.4	21.2

289683 2005 GW_{158} 2 20.4 338°.84 1°.7/21.5 18

1 12	10 36.72	+ 6 27.2	1.420	2.207	19.2	20.2
1 22	10 34.30	+ 6 13.2	1.332	2.200	15.6	19.9
2 1	10 28.82	+ 6 16.8	1.262	2.193	11.1	19.6
2 11	10 20.83	+ 6 36.1	1.216	2.187	6.1	19.3
2 21	10 11.34	+ 7 6.7	1.194	2.182	1.8	19.0
3 2	10 1.75	+ 7 42.3	1.199	2.177	5.6	19.2
3 12	9 53.53	+ 8 15.8	1.228	2.173	10.8	19.5
3 22	9 47.77	+ 8 41.4	1.280	2.169	15.5	19.8

462650 2009 SQ_{184} 2 20.4 240°.30 0°.4/20.1 17

1 12	10 40.10	+10 56.8	2.156	2.921	14.1	21.9
1 22	10 35.88	+11 8.7	2.050	2.909	11.3	21.7
2 1	10 29.31	+11 31.0	1.966	2.896	7.8	21.4
2 11	10 20.89	+12 0.3	1.909	2.883	3.9	21.2
2 21	10 11.35	+12 32.2	1.881	2.870	0.6	20.9
3 2	10 1.68	+13 1.8	1.884	2.856	4.7	21.2
3 12	9 52.92	+13 24.7	1.914	2.842	8.8	21.4
3 22	9 45.91	+13 38.0	1.971	2.827	12.4	21.6

108709 2001 OK_{20} 2 20.4 149°.98 7°.0/27.1 18

1 12	10 37.49	−11 6.0	2.188	2.852	16.7	20.2
1 22	10 33.69	−11 41.2	2.093	2.859	14.5	20.0
2 1	10 27.71	−11 54.6	2.017	2.865	12.0	19.8
2 11	10 20.04	−11 44.0	1.964	2.871	9.4	19.7
2 21	10 11.41	−11 9.7	1.936	2.876	7.4	19.6
3 2	10 2.72	−10 14.5	1.935	2.881	7.2	19.6
3 12	9 54.94	− 9 4.3	1.962	2.885	8.9	19.7
3 22	9 48.82	− 7 46.6	2.015	2.889	11.4	19.8

495531 2014 WO_{52} 2 20.4 173°.62 3°.9/16.7 18

1 12	10 40.45	+19 49.5	2.226	3.010	13.2	21.5
1 22	10 36.02	+20 48.3	2.142	3.013	10.3	21.3
2 1	10 29.30	+21 52.9	2.082	3.015	7.2	21.1
2 11	10 20.81	+22 56.5	2.050	3.017	4.5	20.9
2 21	10 11.36	+23 52.4	2.047	3.018	4.2	20.9
3 2	10 1.94	+24 34.8	2.073	3.019	6.8	21.1
3 12	9 53.54	+25 0.0	2.128	3.019	9.9	21.3
3 22	9 46.95	+25 7.4	2.206	3.019	12.8	21.5

277145 2005 LN_{38} 2 20.4 168°.53 1°.5/21.6 18

1 12	10 41.00	+ 3 43.7	1.762	2.514	17.3	21.8
1 22	10 36.96	+ 4 6.3	1.672	2.519	14.0	21.6
2 1	10 30.24	+ 4 48.7	1.603	2.523	10.0	21.4
2 11	10 21.39	+ 5 47.9	1.558	2.527	5.5	21.1
2 21	10 11.32	+ 6 58.5	1.542	2.529	1.6	20.9
3 2	10 1.22	+ 8 12.8	1.555	2.531	4.9	21.1
3 12	9 52.31	+ 9 22.9	1.595	2.532	9.5	21.4
3 22	9 45.53	+10 22.6	1.661	2.532	13.6	21.6

308356 2005 QZ_{88} 2 20.4 162°.68 1°.5/19.1 18

1 12	10 41.82	+14 18.1	2.352	3.117	13.1	21.3
1 22	10 36.83	+14 39.6	2.262	3.123	10.3	21.1
2 1	10 29.70	+15 8.4	2.197	3.128	7.0	20.9
2 11	10 20.96	+15 40.2	2.159	3.133	3.5	20.7
2 21	10 11.36	+16 10.5	2.152	3.137	1.7	20.6
3 2	10 1.82	+16 34.7	2.175	3.141	4.8	20.8
3 12	9 53.26	+16 49.6	2.227	3.144	8.3	21.0
3 22	9 46.38	+16 53.7	2.305	3.146	11.4	21.2

124429 2001 QX_{242} 2 20.4 66°.37 0°.7/20.9 18

1 12	10 37.43	+ 5 18.6	1.370	2.155	19.8	19.7
1 22	10 34.70	+ 5 54.5	1.301	2.169	15.9	19.5
2 1	10 28.91	+ 6 53.3	1.252	2.184	11.1	19.3
2 11	10 20.76	+ 8 10.2	1.226	2.199	5.7	19.0
2 21	10 11.38	+ 9 36.6	1.225	2.214	0.7	18.7
3 2	10 2.17	+11 2.1	1.252	2.229	5.7	19.1
3 12	9 54.51	+12 17.0	1.304	2.244	10.8	19.4
3 22	9 49.35	+13 15.1	1.379	2.259	15.2	19.7

494711 2005 NL_{85} 2 20.4 236°.49 0°.8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.59	+10 8.6	1.987	2.760	14.9	22.1
1 22	10 34.11	+10 44.5	1.887	2.751	11.9	21.9
2 1	10 28.21	+11 34.3	1.809	2.742	8.2	21.6
2 11	10 20.38	+12 33.8	1.757	2.732	4.0	21.4
2 21	10 11.40	+13 36.9	1.734	2.722	1.0	21.1
3 2	10 2.30	+14 36.7	1.740	2.711	5.2	21.4
3 12	9 54.15	+15 27.2	1.774	2.700	9.4	21.6
3 22	9 47.84	+16 4.3	1.832	2.689	13.2	21.8

62001 2000 RK_{36} 2 20.4 191°.17 0°.1/20.6 18

1 12	10 36.46	+ 7 39.9	2.121	2.884	14.4	20.2
1 22	10 32.94	+ 8 8.9	2.027	2.883	11.5	20.0
2 1	10 27.23	+ 8 51.9	1.954	2.883	8.0	19.8
2 11	10 19.82	+ 9 45.6	1.908	2.881	4.0	19.6
2 21	10 11.45	+10 44.7	1.891	2.880	0.2	19.2
3 2	10 3.03	+11 43.3	1.904	2.878	4.4	19.6
3 12	9 55.53	+12 35.7	1.945	2.876	8.4	19.8
3 22	9 49.72	+13 17.7	2.011	2.874	11.9	20.0

111270 2001 XE_{32} 2 20.4 168°.40 0°.0/20.5 18

1 12	10 35.33	+ 8 49.7	3.017	3.765	10.9	21.5
1 22	10 31.28	+ 9 12.7	2.920	3.769	8.6	21.3
2 1	10 25.68	+ 9 44.4	2.848	3.773	5.9	21.1
2 11	10 18.91	+10 22.4	2.804	3.776	3.0	20.9
2 21	10 11.51	+11 3.2	2.790	3.779	0.2	20.7
3 2	10 4.12	+11 43.3	2.808	3.781	3.3	21.0
3 12	9 57.37	+12 19.1	2.855	3.783	6.2	21.1
3 22	9 51.78	+12 48.1	2.931	3.784	8.9	21.3

499387 2010 AW_{85} 2 20.4 280°.49 3°.6/16.7 17

1 12	10 35.18	+18 35.7	2.219	3.011	12.9	21.5
1 22	10 31.97	+19 37.0	2.128	3.005	10.1	21.3
2 1	10 26.59	+20 45.7	2.061	2.998	7.0	21.1
2 11	10 19.51	+21 55.4	2.021	2.991	4.2	20.9
2 21	10 11.47	+22 59.4	2.010	2.984	4.0	20.9
3 2	10 3.38	+23 51.3	2.028	2.978	6.6	21.0
3 12	9 56.19	+24 26.9	2.074	2.971	9.9	21.2
3 22	9 50.66	+24 44.5	2.143	2.964	12.8	21.4

378728 2008 QH_{38} 2 20.4 176°.98 1°.2/21.6 17

1 12	10 35.50	+ 4 35.1	2.300	3.047	13.9	21.6
1 22	10 31.98	+ 4 57.4	2.203	3.048	11.2	21.4
2 1	10 26.46	+ 5 34.3	2.129	3.049	7.9	21.2
2 11	10 19.41	+ 6 23.4	2.081	3.050	4.3	21.0
2 21	10 11.48	+ 7 20.5	2.063	3.050	1.2	20.8
3 2	10 3.53	+ 8 20.3	2.074	3.050	3.9	21.0
3 12	9 56.40	+ 9 17.4	2.114	3.050	7.6	21.2
3 22	9 50.80	+10 7.2	2.180	3.049	10.9	21.4

304066 2006 FN_{24} 2 20.4 290°.26 1°.3/21.4 18

1 12	10 35.73	+ 4 57.8	1.536	2.314	18.4	21.0
1 22	10 33.42	+ 5 13.7	1.437	2.300	14.9	20.7
2 1	10 28.21	+ 5 50.8	1.356	2.285	10.7	20.4
2 11	10 20.57	+ 6 46.9	1.300	2.271	5.8	20.1
2 21	10 11.40	+ 7 56.4	1.269	2.257	1.3	19.8
3 2	10 1.97	+ 9 11.0	1.265	2.242	5.5	20.0
3 12	9 53.69	+10 21.4	1.287	2.228	10.7	20.3
3 22	9 47.69	+11 20.3	1.332	2.215	15.5	20.5

461821 2006 BD_{42} 2 20.4 278°.98 3°.0/22.5 17

1 12	10 39.66	+ 3 17.5	2.021	2.764	15.7	21.3
1 22	10 35.66	+ 2 45.8	1.916	2.754	12.9	21.1
2 1	10 29.25	+ 2 27.4	1.832	2.744	9.6	20.8
2 11	10 20.90	+ 2 22.0	1.773	2.734	5.9	20.6
2 21	10 11.39	+ 2 28.0	1.742	2.724	3.1	20.4
3 2	10 1.73	+ 2 42.3	1.740	2.714	4.8	20.5
3 12	9 53.01	+ 3 0.4	1.766	2.704	8.6	20.7
3 22	9 46.11	+ 3 18.2	1.818	2.694	12.3	20.9

280434 2003 YH_{134} 2 20.4 55°.29 7°.7/13.3 18

1 12	10 40.20	+29 53.6	1.878	2.682	14.5	19.6
1 22	10 36.22	+31 22.7	1.832	2.705	11.7	19.5
2 1	10 29.55	+32 48.5	1.810	2.728	9.2	19.4
2 11	10 20.93	+34 1.2	1.813	2.751	7.8	19.3
2 21	10 11.40	+34 52.6	1.842	2.775	8.3	19.4
3 2	10 2.21	+35 17.9	1.898	2.799	10.3	19.6
3 12	9 54.49	+35 16.4	1.978	2.822	12.7	19.8
3 22	9 49.01	+34 51.1	2.079	2.846	15.0	20.0

466664 2014 WK_{125} 2 20.4 41°.43 0°.7/20.9 18

1 12	10 37.87	+ 7 47.0	1.754	2.527	16.6	21.4
1 22	10 34.46	+ 7 51.1	1.670	2.532	13.3	21.2
2 1	10 28.47	+ 8 9.8	1.607	2.536	9.3	21.0
2 11	10 20.49	+ 8 39.9	1.568	2.541	4.8	20.7
2 21	10 11.43	+ 9 16.7	1.557	2.546	0.7	20.4
3 2	10 2.41	+ 9 54.4	1.575	2.551	4.9	20.7
3 12	9 54.58	+10 27.1	1.619	2.556	9.3	21.0
3 22	9 48.80	+10 51.0	1.687	2.562	13.2	21.2

354854 2005 YX_{199} 2 20.4 103°.42 0°.7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 44.75	+ 7 59.2	1.608	2.375	18.1	21.3
1 22	10 39.93	+ 8 0.4	1.536	2.394	14.4	21.1
2 1	10 32.21	+ 8 16.5	1.485	2.413	10.1	20.9
2 11	10 22.31	+ 8 44.2	1.459	2.431	5.2	20.7
2 21	10 11.32	+ 9 17.9	1.460	2.448	0.7	20.4
3 2	10 0.57	+ 9 51.6	1.490	2.466	5.2	20.8
3 12	9 51.34	+10 19.7	1.547	2.482	9.8	21.1
3 22	9 44.52	+10 38.4	1.628	2.498	13.8	21.3

96251 1994 RL_{26} 2 20.4 71°.94 1°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.82	+ 3 36.4	1.991	2.744	15.6	20.2
1 22	10 32.52	+ 3 43.8	1.902	2.749	12.6	20.0
2 1	10 26.97	+ 4 7.4	1.835	2.754	9.1	19.8
2 11	10 19.70	+ 4 45.4	1.793	2.759	5.2	19.6
2 21	10 11.48	+ 5 33.6	1.778	2.764	1.9	19.4
3 2	10 3.27	+ 6 26.6	1.793	2.770	4.3	19.6
3 12	9 56.06	+ 7 18.4	1.835	2.775	8.2	19.8
3 22	9 50.59	+ 8 3.8	1.903	2.780	11.8	20.0

207812 2007 TH_{252} 2 20.4 95°.56 2°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.94	+ 1 11.8	2.360	3.092	14.0	21.0
1 22	10 31.40	+ 1 18.6	2.272	3.103	11.4	20.8
2 1	10 25.96	+ 1 40.7	2.206	3.114	8.3	20.7
2 11	10 19.12	+ 2 16.5	2.165	3.125	5.1	20.5
2 21	10 11.52	+ 3 2.9	2.154	3.136	2.5	20.3
3 2	10 3.96	+ 3 55.4	2.172	3.147	3.9	20.4
3 12	9 57.25	+ 4 48.7	2.219	3.158	7.1	20.6
3 22	9 51.99	+ 5 38.2	2.292	3.168	10.1	20.9

489564 2007 TY_{28} 2 20.4 161°.13 2°.0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.43	+ 2 44.7	2.020	2.761	15.7	22.5
1 22	10 35.34	+ 2 57.7	1.929	2.767	12.8	22.3
2 1	10 28.91	+ 3 28.1	1.858	2.773	9.2	22.1
2 11	10 20.68	+ 4 13.6	1.813	2.778	5.3	21.8
2 21	10 11.43	+ 5 10.2	1.796	2.782	2.1	21.6
3 2	10 2.17	+ 6 11.9	1.810	2.786	4.4	21.8
3 12	9 53.93	+ 7 12.2	1.851	2.789	8.3	22.0
3 22	9 47.50	+ 8 5.8	1.919	2.791	12.0	22.3

390761 2003 SJ_{420} 2 20.4 103°.52 0°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.16	+11 41.3	2.120	2.891	14.2	20.9
1 22	10 34.98	+11 51.4	2.034	2.896	11.2	20.7
2 1	10 28.56	+12 10.9	1.970	2.902	7.7	20.5
2 11	10 20.45	+12 36.3	1.933	2.908	3.8	20.3
2 21	10 11.45	+13 3.0	1.925	2.913	0.8	20.1
3 2	10 2.50	+13 26.6	1.946	2.919	4.6	20.4
3 12	9 54.60	+13 43.1	1.996	2.924	8.4	20.6
3 22	9 48.45	+13 50.2	2.071	2.929	11.8	20.8

244060 2001 TJ_{90} 2 20.4 167°.45 1°.3/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.19	+14 41.0	2.874	3.637	11.0	21.3
1 22	10 33.61	+15 1.3	2.782	3.641	8.6	21.1
2 1	10 27.31	+15 27.3	2.713	3.645	5.9	20.9
2 11	10 19.74	+15 55.6	2.674	3.648	2.9	20.7
2 21	10 11.49	+16 22.4	2.665	3.650	1.5	20.6
3 2	10 3.28	+16 44.4	2.687	3.653	4.1	20.8
3 12	9 55.82	+16 58.7	2.739	3.654	7.0	21.0
3 22	9 49.67	+17 4.0	2.818	3.656	9.6	21.2

425177 2009 UA_{32} 2 20.4 119°.10 2°.6/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.38	+16 25.1	2.124	2.906	13.8	21.7
1 22	10 35.16	+17 6.6	2.047	2.917	10.8	21.6
2 1	10 28.67	+17 55.5	1.992	2.928	7.3	21.4
2 11	10 20.50	+18 46.0	1.965	2.938	3.9	21.2
2 21	10 11.45	+19 32.1	1.966	2.948	2.9	21.1
3 2	10 2.50	+20 8.4	1.998	2.957	5.8	21.3
3 12	9 54.64	+20 31.1	2.057	2.967	9.3	21.5
3 22	9 48.59	+20 39.0	2.140	2.976	12.4	21.8

2329 Orthos 2 20.4 235°.37 2°.5/23.5 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.84	− 2 29.3	3.102	3.785	11.8	20.6
1 22	10 34.98	− 1 59.8	2.964	3.762	9.9	20.4
2 1	10 28.38	− 1 14.4	2.849	3.737	7.5	20.2
2 11	10 20.37	− 0 13.7	2.762	3.712	4.8	20.0
2 21	10 11.46	+ 0 59.7	2.707	3.684	2.7	19.8
3 2	10 2.31	+ 2 21.7	2.684	3.656	3.6	19.8
3 12	9 53.64	+ 3 47.0	2.695	3.626	6.4	19.9
3 22	9 46.10	+ 5 10.4	2.735	3.595	9.2	20.1

200659 2001 TU_{39} 2 20.4 109°.40 0°.7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.19	+ 7 18.3	1.754	2.513	17.1	20.8
1 22	10 39.23	+ 7 28.9	1.682	2.535	13.6	20.6
2 1	10 31.60	+ 7 54.5	1.631	2.556	9.5	20.4
2 11	10 21.97	+ 8 31.4	1.605	2.577	4.9	20.2
2 21	10 11.37	+ 9 14.2	1.608	2.597	0.7	19.9
3 2	10 0.99	+ 9 56.8	1.641	2.616	4.9	20.3
3 12	9 52.00	+10 33.5	1.701	2.634	9.2	20.6
3 22	9 45.23	+11 0.5	1.786	2.652	13.0	20.8

465587 2008 YK_{142} 2 20.4 107°.98 1°.8/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.70	+13 41.4	2.359	3.136	12.7	21.2
1 22	10 32.05	+14 26.9	2.278	3.145	9.9	21.0
2 1	10 26.44	+15 21.2	2.220	3.155	6.7	20.8
2 11	10 19.37	+16 19.4	2.189	3.164	3.4	20.6
2 21	10 11.53	+17 16.2	2.189	3.173	2.0	20.5
3 2	10 3.74	+18 6.1	2.218	3.182	4.9	20.8
3 12	9 56.84	+18 45.1	2.275	3.191	8.2	21.0
3 22	9 51.47	+19 10.8	2.358	3.199	11.2	21.2

320078 2007 EH_{63} 2 20.4 204°.27 1°.1/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.27	+11 56.1	2.136	2.909	14.0	21.5
1 22	10 34.38	+12 23.0	2.042	2.906	11.1	21.3
2 1	10 28.24	+13 0.4	1.971	2.904	7.6	21.0
2 11	10 20.35	+13 44.1	1.926	2.901	3.7	20.8
2 21	10 11.46	+14 29.0	1.910	2.897	1.2	20.6
3 2	10 2.55	+15 9.6	1.924	2.894	4.9	20.8
3 12	9 54.59	+15 41.1	1.966	2.890	8.8	21.1
3 22	9 48.37	+16 0.8	2.033	2.886	12.2	21.3

453369 2009 BQ_{50} 2 20.4 356°.21 0°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.26	+10 38.7	1.156	1.974	20.8	20.9
1 22	10 33.78	+10 34.1	1.080	1.968	16.7	20.6
2 1	10 28.79	+10 46.3	1.022	1.965	11.6	20.3
2 11	10 20.93	+11 11.1	0.985	1.962	5.8	20.0
2 21	10 11.42	+11 41.7	0.972	1.961	0.5	19.6
3 2	10 1.92	+12 10.1	0.983	1.961	6.7	20.0
3 12	9 54.13	+12 28.9	1.017	1.963	12.5	20.3
3 22	9 49.25	+12 33.9	1.072	1.965	17.5	20.6

346910 2009 WW_{50} 2 20.4 30°.77 0°.7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.34	+ 7 35.8	1.271	2.066	20.6	21.1
1 22	10 36.65	+ 7 40.6	1.194	2.068	16.5	20.8
2 1	10 30.57	+ 8 5.3	1.136	2.071	11.6	20.6
2 11	10 21.75	+ 8 46.2	1.100	2.074	6.0	20.3
2 21	10 11.37	+ 9 36.5	1.088	2.077	0.7	19.9
3 2	10 1.03	+10 27.5	1.102	2.080	6.2	20.3
3 12	9 52.34	+11 10.9	1.141	2.084	11.7	20.6
3 22	9 46.45	+11 40.9	1.202	2.088	16.6	20.9

302052 2000 TX_{64} 2 20.4 119°.10 1°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.58	+ 4 3.6	1.788	2.543	17.0	21.7
1 22	10 35.68	+ 4 25.5	1.708	2.557	13.7	21.5
2 1	10 29.23	+ 5 6.0	1.650	2.571	9.7	21.3
2 11	10 20.85	+ 6 1.9	1.616	2.584	5.3	21.0
2 21	10 11.44	+ 7 7.6	1.610	2.597	1.5	20.8
3 2	10 2.12	+ 8 15.9	1.633	2.609	4.7	21.1
3 12	9 54.01	+ 9 19.6	1.684	2.621	9.0	21.3
3 22	9 47.94	+10 13.2	1.760	2.632	12.8	21.6

240288 2003 EZ_{27} 2 20.4 266°.20 4°.8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.65	+19 44.8	1.669	2.466	16.3	20.7
1 22	10 38.94	+20 36.3	1.568	2.446	13.0	20.4
2 1	10 32.07	+21 36.9	1.488	2.425	9.2	20.1
2 11	10 22.54	+22 38.5	1.434	2.404	5.7	19.8
2 21	10 11.32	+23 31.7	1.407	2.382	5.2	19.8
3 2	9 59.82	+24 7.9	1.408	2.360	8.7	19.9
3 12	9 49.57	+24 21.9	1.434	2.337	13.0	20.1
3 22	9 41.77	+24 12.6	1.482	2.314	17.0	20.3

73117 2002 GF_{51} 2 20.4 218°.25 1°.1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.68	+11 40.1	2.011	2.782	14.8	21.1
1 22	10 36.52	+12 9.8	1.911	2.774	11.8	20.8
2 1	10 29.88	+12 51.4	1.833	2.765	8.1	20.6
2 11	10 21.24	+13 40.6	1.781	2.756	4.0	20.3
2 21	10 11.42	+14 31.4	1.759	2.746	1.3	20.1
3 2	10 1.47	+15 17.7	1.766	2.736	5.3	20.4
3 12	9 52.54	+15 54.0	1.801	2.725	9.5	20.6
3 22	9 45.50	+16 17.2	1.861	2.713	13.2	20.8

208356 2001 RP_{55} 2 20.4 55°.94 3°.9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.65	+22 25.5	2.071	2.856	14.0	19.9
1 22	10 38.48	+22 43.4	2.001	2.871	11.0	19.7
2 1	10 30.89	+23 2.4	1.954	2.886	7.7	19.5
2 11	10 21.56	+23 16.9	1.934	2.901	4.8	19.4
2 21	10 11.42	+23 21.6	1.943	2.917	4.2	19.3
3 2	10 1.56	+23 13.1	1.981	2.932	6.7	19.5
3 12	9 53.01	+22 50.0	2.047	2.947	9.8	19.7
3 22	9 46.49	+22 13.5	2.137	2.963	12.7	20.0

293808 2007 RK_{161} 2 20.4 171°.54 1°.1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.09	+10 37.3	2.015	2.784	14.9	21.4
1 22	10 35.93	+11 20.7	1.926	2.788	11.8	21.2
2 1	10 29.37	+12 17.3	1.859	2.791	8.0	20.9
2 11	10 20.94	+13 22.3	1.819	2.793	3.9	20.7
2 21	10 11.45	+14 29.1	1.808	2.795	1.3	20.5
3 2	10 1.96	+15 30.8	1.827	2.796	5.2	20.8
3 12	9 53.52	+16 21.7	1.874	2.797	9.2	21.0
3 22	9 46.95	+16 58.3	1.947	2.797	12.8	21.2

44082 1998 FH_{75} 2 20.4 109°.81 0°.4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.27	+ 6 51.0	1.479	2.256	19.0	18.5
1 22	10 37.56	+ 7 17.9	1.406	2.270	15.2	18.3
2 1	10 30.82	+ 8 4.5	1.352	2.283	10.6	18.0
2 11	10 21.74	+ 9 5.9	1.323	2.296	5.4	17.8
2 21	10 11.41	+10 14.7	1.320	2.308	0.4	17.4
3 2	10 1.23	+11 22.1	1.344	2.320	5.6	17.8
3 12	9 52.56	+12 20.1	1.396	2.332	10.6	18.1
3 22	9 46.37	+13 3.5	1.470	2.343	14.9	18.4

16135 Ivarsson 2 20.4 166°.37 0°.8/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.16	+11 37.2	2.460	3.223	12.7	19.1
1 22	10 33.91	+12 3.2	2.368	3.227	10.0	19.0
2 1	10 27.70	+12 38.3	2.300	3.230	6.8	18.8
2 11	10 20.02	+13 18.8	2.259	3.233	3.3	18.5
2 21	10 11.52	+14 0.4	2.248	3.236	1.0	18.4
3 2	10 3.04	+14 38.3	2.268	3.238	4.3	18.6
3 12	9 55.41	+15 8.6	2.317	3.240	7.7	18.8
3 22	9 49.29	+15 29.1	2.392	3.241	10.7	19.0

162682 2000 TL_{15} 2 20.4 41°.36 0°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.01	+ 9 40.4	1.299	2.099	19.9	19.8
1 22	10 36.12	+ 9 51.0	1.234	2.112	15.8	19.5
2 1	10 29.98	+10 18.6	1.187	2.125	10.9	19.3
2 11	10 21.35	+10 58.4	1.163	2.138	5.4	19.0
2 21	10 11.44	+11 42.9	1.164	2.153	0.5	18.7
3 2	10 1.77	+12 24.2	1.191	2.167	6.1	19.1
3 12	9 53.80	+12 55.2	1.243	2.183	11.3	19.5
3 22	9 48.51	+13 12.4	1.317	2.198	15.7	19.8

507396 2012 HM_{56} 2 20.4 271°.18 5°.5/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.18	+24 15.0	2.035	2.825	14.0	21.7
1 22	10 38.78	+25 4.2	1.931	2.802	11.3	21.5
2 1	10 31.63	+25 56.7	1.849	2.778	8.3	21.2
2 11	10 22.21	+26 45.1	1.794	2.754	5.9	21.0
2 21	10 11.39	+27 21.5	1.767	2.730	5.9	21.0
3 2	10 0.36	+27 39.3	1.769	2.705	8.5	21.1
3 12	9 50.42	+27 35.5	1.797	2.680	11.9	21.2
3 22	9 42.59	+27 10.3	1.848	2.654	15.2	21.4

303273 2004 RD_{172} 2 20.4 188°.83 0°.8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.64	+ 9 28.0	1.790	2.564	16.3	21.7
1 22	10 35.95	+10 8.7	1.699	2.564	12.9	21.5
2 1	10 29.60	+11 5.3	1.630	2.563	8.9	21.2
2 11	10 21.15	+12 12.9	1.587	2.561	4.4	20.9
2 21	10 11.46	+13 24.5	1.571	2.559	1.0	20.7
3 2	10 1.72	+14 32.2	1.585	2.557	5.5	21.0
3 12	9 53.13	+15 29.0	1.626	2.554	10.0	21.2
3 22	9 46.61	+16 10.6	1.692	2.550	14.0	21.5

192038 2005 YE_{275} 2 20.4 263°.98 3°.2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.52	+ 2 23.4	2.063	2.800	15.6	19.9
1 22	10 35.45	+ 1 52.2	1.964	2.797	12.8	19.7
2 1	10 29.04	+ 1 34.8	1.886	2.794	9.5	19.4
2 11	10 20.80	+ 1 31.1	1.832	2.791	6.0	19.2
2 21	10 11.49	+ 1 39.2	1.807	2.788	3.3	19.0
3 2	10 2.11	+ 1 56.2	1.811	2.784	4.8	19.1
3 12	9 53.68	+ 2 17.6	1.843	2.781	8.3	19.3
3 22	9 47.03	+ 2 39.0	1.901	2.778	11.8	19.5

153074 2000 QV_{214} 2 20.4 208°.75 2°.6/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.13	+17 29.4	2.460	3.232	12.4	20.6
1 22	10 36.37	+18 2.9	2.361	3.226	9.8	20.4
2 1	10 29.49	+18 42.1	2.286	3.219	6.7	20.2
2 11	10 20.95	+19 22.4	2.239	3.211	3.7	20.0
2 21	10 11.48	+19 58.4	2.222	3.203	2.8	20.0
3 2	10 1.97	+20 25.6	2.236	3.194	5.5	20.1
3 12	9 53.33	+20 40.6	2.279	3.184	8.7	20.3
3 22	9 46.30	+20 42.2	2.347	3.174	11.7	20.5

232275 2002 QN_{136} 2 20.4 13°.04 0°.8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.22	+11 11.9	1.956	2.736	14.9	20.7
1 22	10 32.94	+11 33.4	1.869	2.737	11.8	20.5
2 1	10 27.34	+12 6.3	1.804	2.738	8.1	20.2
2 11	10 19.94	+12 46.7	1.765	2.740	3.9	20.0
2 21	10 11.55	+13 29.2	1.753	2.741	1.0	19.8
3 2	10 3.18	+14 8.0	1.771	2.743	5.0	20.1
3 12	9 55.85	+14 38.2	1.816	2.746	9.0	20.3
3 22	9 50.35	+14 56.9	1.885	2.748	12.6	20.5

341787 2007 WY_{47} 2 20.4 202°.33 3°.9/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.49	+22 17.1	2.519	3.304	11.8	21.1
1 22	10 34.25	+23 1.3	2.432	3.302	9.3	20.9
2 1	10 27.98	+23 48.2	2.369	3.300	6.6	20.8
2 11	10 20.18	+24 32.4	2.333	3.297	4.3	20.6
2 21	10 11.54	+25 8.3	2.327	3.295	4.2	20.6
3 2	10 2.92	+25 31.5	2.351	3.292	6.4	20.7
3 12	9 55.21	+25 39.6	2.402	3.289	9.1	20.9
3 22	9 49.06	+25 32.2	2.477	3.285	11.7	21.1

272866 2006 BU_{70} 2 20.4 135°.84 2°.6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.55	+16 30.1	2.257	3.038	13.1	21.1
1 22	10 34.41	+17 16.6	2.177	3.046	10.3	21.0
2 1	10 28.14	+18 10.4	2.120	3.055	7.0	20.8
2 11	10 20.26	+19 5.9	2.090	3.063	3.8	20.6
2 21	10 11.54	+19 57.0	2.090	3.071	2.9	20.5
3 2	10 2.88	+20 38.5	2.120	3.078	5.7	20.7
3 12	9 55.22	+21 6.6	2.178	3.085	9.0	20.9
3 22	9 49.23	+21 19.8	2.260	3.092	11.9	21.1

205374 2001 AJ_{28} 2 20.4 238°.07 0°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 54.97	+12 28.6	1.248	2.030	21.6	19.6
1 22	10 49.52	+11 32.9	1.158	2.024	17.6	19.3
2 1	10 39.85	+10 44.1	1.086	2.018	12.5	18.9
2 11	10 26.59	+ 9 59.9	1.038	2.011	6.5	18.6
2 21	10 11.14	+ 9 17.5	1.016	2.004	0.9	18.2
3 2	9 55.57	+ 8 34.5	1.021	1.997	6.9	18.6
3 12	9 42.02	+ 7 49.2	1.052	1.989	13.1	18.9
3 22	9 32.01	+ 7 1.1	1.106	1.982	18.5	19.2

214211 2005 EO_{73} 2 20.4 304°.37 1°.7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.85	+12 11.8	1.518	2.317	17.6	21.1
1 22	10 34.40	+12 42.4	1.423	2.303	14.0	20.8
2 1	10 28.94	+13 28.2	1.349	2.289	9.7	20.5
2 11	10 20.99	+14 24.2	1.298	2.274	4.8	20.2
2 21	10 11.50	+15 22.6	1.274	2.261	2.0	19.9
3 2	10 1.79	+16 14.7	1.276	2.247	6.7	20.2
3 12	9 53.35	+16 53.2	1.303	2.234	11.7	20.4
3 22	9 47.29	+17 14.2	1.353	2.221	16.2	20.7

393375 1999 VZ_{90} 2 20.4 84°.79 3°.5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.62	+ 0 2.4	1.406	2.163	20.7	21.3
1 22	10 37.08	+ 0 6.8	1.339	2.184	17.0	21.1
2 1	10 30.49	+ 0 36.7	1.290	2.204	12.5	20.9
2 11	10 21.58	+ 1 30.1	1.263	2.225	7.5	20.7
2 21	10 11.48	+ 2 41.3	1.262	2.245	3.6	20.5
3 2	10 1.60	+ 4 1.4	1.288	2.265	5.6	20.7
3 12	9 53.32	+ 5 20.5	1.341	2.284	10.2	21.0
3 22	9 47.55	+ 6 30.3	1.417	2.304	14.4	21.3

190411 1999 TF_{254} 2 20.4 125°.14 0°.0/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.62	+ 9 18.3	2.163	2.926	14.2	20.7
1 22	10 34.52	+ 9 31.7	2.077	2.933	11.3	20.5
2 1	10 28.25	+ 9 56.3	2.012	2.941	7.8	20.3
2 11	10 20.35	+10 28.9	1.975	2.948	3.9	20.1
2 21	10 11.56	+11 5.0	1.966	2.955	0.2	19.8
3 2	10 2.83	+11 39.8	1.987	2.962	4.3	20.1
3 12	9 55.09	+12 8.9	2.037	2.968	8.1	20.4
3 22	9 49.05	+12 29.4	2.113	2.975	11.5	20.6

7509 Gamzatov 2 20.4 271°.33 1°.6/19.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.28	+10 9.7	1.515	2.308	17.9	17.3
1 22	10 34.82	+11 0.0	1.416	2.292	14.3	17.0
2 1	10 29.31	+12 10.4	1.338	2.276	9.9	16.7
2 11	10 21.23	+13 35.4	1.283	2.259	4.9	16.3
2 21	10 11.49	+15 6.2	1.255	2.243	1.9	16.1
3 2	10 1.44	+16 32.0	1.255	2.226	6.8	16.3
3 12	9 52.59	+17 43.0	1.280	2.208	12.1	16.6
3 22	9 46.13	+18 33.6	1.327	2.191	16.7	16.8

117243 2004 SU_{25} 2 20.4 64°.95 3°.0/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.08	− 1 55.9	2.728	3.441	12.7	19.6
1 22	10 28.96	− 1 52.5	2.631	3.446	10.5	19.5
2 1	10 24.23	− 1 34.2	2.557	3.452	8.0	19.3
2 11	10 18.29	− 1 1.8	2.508	3.457	5.3	19.1
2 21	10 11.69	− 0 17.7	2.488	3.463	3.2	19.0
3 2	10 5.09	+ 0 34.6	2.497	3.469	3.8	19.0
3 12	9 59.15	+ 1 30.5	2.536	3.475	6.3	19.2
3 22	9 54.42	+ 2 25.4	2.602	3.480	9.0	19.4

431999 2008 UA_{294} 2 20.4 129°.44 2°.2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.66	+15 56.5	2.374	3.150	12.7	21.7
1 22	10 34.37	+16 31.1	2.293	3.160	9.9	21.5
2 1	10 28.04	+17 12.3	2.235	3.169	6.7	21.4
2 11	10 20.21	+17 55.4	2.204	3.178	3.5	21.2
2 21	10 11.59	+18 35.2	2.204	3.186	2.4	21.1
3 2	10 3.05	+19 7.0	2.233	3.195	5.2	21.3
3 12	9 55.45	+19 27.6	2.291	3.203	8.4	21.5
3 22	9 49.46	+19 35.6	2.374	3.210	11.3	21.7

434578 2005 UR_{75} 2 20.4 217°.89 6°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.44	−21 6.6	3.720	4.270	11.7	21.9
1 22	10 30.51	−21 39.0	3.598	4.259	10.7	21.8
2 1	10 25.18	−21 55.2	3.494	4.247	9.5	21.7
2 11	10 18.75	−21 53.1	3.411	4.235	8.2	21.6
2 21	10 11.67	−21 31.9	3.354	4.222	7.2	21.5
3 2	10 4.48	−20 52.4	3.323	4.208	6.8	21.4
3 12	9 57.73	−19 57.3	3.321	4.194	7.3	21.5
3 22	9 51.94	−18 50.5	3.345	4.179	8.3	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
521111 2015 DS_{245}			2 20.4	82°.47	0°.0/20.5 18	
	h m	° ′			°	m
1 12	10 38.53	+10 5.5	2.230	2.994	13.8	20.8
1 22	10 34.36	+10 8.7	2.144	3.002	10.9	20.6
2 1	10 28.09	+10 21.5	2.081	3.010	7.5	20.4
2 11	10 20.25	+10 41.1	2.045	3.018	3.8	20.2
2 21	10 11.59	+11 3.6	2.037	3.026	0.2	19.9
3 2	10 2.99	+11 24.9	2.059	3.034	4.2	20.3
3 12	9 55.37	+11 41.4	2.110	3.042	7.8	20.5
3 22	9 49.40	+11 50.5	2.187	3.050	11.1	20.7
245101 2004 PS_{39}			2 20.4	179°.30	0°.5/20.9 18	
1 12	10 39.06	+ 5 39.5	1.851	2.611	16.3	21.4
1 22	10 35.38	+ 6 16.5	1.759	2.613	13.1	21.2
2 1	10 29.16	+ 7 11.9	1.688	2.614	9.2	20.9
2 11	10 20.93	+ 8 22.0	1.643	2.614	4.8	20.7
2 21	10 11.54	+ 9 40.5	1.626	2.614	0.5	20.3
3 2	10 2.09	+10 59.7	1.638	2.613	4.9	20.7
3 12	9 53.72	+12 11.8	1.678	2.612	9.3	20.9
3 22	9 47.33	+13 11.3	1.744	2.610	13.3	21.2
252609 2001 XP_{83}			2 20.4	46°.72	1°.0/19.6 18	
1 12	10 36.06	+10 2.6	1.598	2.389	17.2	20.2
1 22	10 33.23	+10 43.5	1.528	2.403	13.5	20.0
2 1	10 27.72	+11 40.1	1.480	2.417	9.2	19.8
2 11	10 20.18	+12 46.7	1.455	2.431	4.5	19.5
2 21	10 11.59	+13 55.4	1.458	2.446	1.2	19.3
3 2	10 3.16	+14 58.1	1.488	2.461	5.7	19.7
3 12	9 56.05	+15 48.2	1.545	2.477	10.2	20.0
3 22	9 51.11	+16 22.1	1.625	2.492	14.0	20.2
11493 1988 VN_{5}			2 20.4	49°.51	0°.3/20.7 18	
1 12	10 37.39	+ 7 4.9	1.378	2.169	19.5	17.9
1 22	10 34.64	+ 7 30.1	1.313	2.185	15.5	17.6
2 1	10 28.87	+ 8 15.2	1.267	2.201	10.7	17.4
2 11	10 20.80	+ 9 15.3	1.244	2.218	5.4	17.1
2 21	10 11.56	+10 22.7	1.247	2.235	0.4	16.8
3 2	10 2.53	+11 28.1	1.276	2.253	5.7	17.2
3 12	9 55.07	+12 23.5	1.331	2.271	10.6	17.6
3 22	9 50.07	+13 4.0	1.409	2.289	14.9	17.9
467149 2016 EQ_{83}			2 20.4	309°.76	5°.6/15.2 18	
1 12	10 34.84	+19 23.7	1.660	2.472	15.8	20.7
1 22	10 32.62	+21 3.9	1.576	2.463	12.4	20.5
2 1	10 27.59	+22 55.9	1.514	2.454	8.8	20.2
2 11	10 20.28	+24 49.9	1.479	2.446	6.0	20.1
2 21	10 11.59	+26 34.2	1.471	2.438	6.3	20.1
3 2	10 2.77	+27 58.1	1.490	2.430	9.5	20.2
3 12	9 55.15	+28 55.3	1.533	2.422	13.2	20.4
3 22	9 49.76	+29 24.0	1.598	2.415	16.7	20.6
170359 2003 SH_{194}			2 20.4	275°.31	3°.7/22.8 17	
1 12	10 40.11	+ 1 49.4	1.747	2.494	17.6	20.7
1 22	10 36.71	+ 1 23.5	1.631	2.470	14.7	20.4
2 1	10 30.47	+ 1 14.6	1.534	2.446	11.1	20.2
2 11	10 21.80	+ 1 23.3	1.461	2.421	7.0	19.9
2 21	10 11.49	+ 1 47.9	1.414	2.396	3.8	19.6
3 2	10 0.74	+ 2 24.6	1.395	2.370	5.7	19.7
3 12	9 50.91	+ 3 7.0	1.404	2.344	10.1	19.8
3 22	9 43.17	+ 3 48.5	1.436	2.318	14.6	20.0
336015 2007 TW_{442}			2 20.4	89°.52	0°.4/20.9 18	
1 12	10 34.06	+ 6 12.0	2.322	3.078	13.5	20.7
1 22	10 30.80	+ 6 49.1	2.236	3.089	10.7	20.5
2 1	10 25.63	+ 7 40.0	2.174	3.099	7.5	20.3
2 11	10 19.04	+ 8 41.4	2.138	3.109	3.8	20.1
2 21	10 11.68	+ 9 48.4	2.131	3.120	0.4	19.8
3 2	10 4.36	+10 55.2	2.154	3.130	3.9	20.1
3 12	9 57.88	+11 56.3	2.207	3.140	7.4	20.3
3 22	9 52.87	+12 47.7	2.286	3.150	10.6	20.6
164569 2006 KX_{82}			2 20.5	27°.69	0°.6/20.1 18	
1 12	10 36.79	+10 6.6	1.181	1.993	20.8	19.9
1 22	10 34.71	+10 22.1	1.117	2.003	16.5	19.6
2 1	10 29.22	+10 56.1	1.072	2.014	11.3	19.4
2 11	10 21.08	+11 42.9	1.049	2.026	5.6	19.1
2 21	10 11.56	+12 34.0	1.050	2.038	0.9	18.8
3 2	10 2.27	+13 20.3	1.076	2.052	6.6	19.2
3 12	9 54.77	+13 54.1	1.125	2.067	12.0	19.6
3 22	9 50.08	+14 11.5	1.196	2.082	16.6	19.9
101579 1999 BR_{4}			2 20.5	27°.58	0°.0/20.4 18	
1 12	10 36.39	+ 8 42.7	1.555	2.344	17.7	19.2
1 22	10 33.65	+ 9 1.1	1.478	2.349	14.1	19.0
2 1	10 28.13	+ 9 36.0	1.420	2.355	9.8	18.8
2 11	10 20.45	+10 22.9	1.386	2.361	4.9	18.5
2 21	10 11.60	+11 15.6	1.379	2.368	0.3	18.1
3 2	10 2.81	+12 6.4	1.399	2.375	5.4	18.5
3 12	9 55.35	+12 48.7	1.445	2.383	10.2	18.8
3 22	9 50.12	+13 18.0	1.514	2.391	14.3	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
26594 2000 EF_{151}			2 20.5	133°.52	0°.5/21.1 18	
	h m	° ′			°	m
1 12	10 34.50	+ 5 36.9	2.487	3.236	12.9	18.1
1 22	10 31.02	+ 6 14.9	2.396	3.244	10.3	17.9
2 1	10 25.73	+ 7 6.4	2.329	3.252	7.2	17.7
2 11	10 19.08	+ 8 8.3	2.289	3.259	3.7	17.5
2 21	10 11.69	+ 9 16.1	2.278	3.266	0.5	17.3
3 2	10 4.30	+10 24.3	2.298	3.273	3.7	17.5
3 12	9 57.69	+11 27.7	2.348	3.280	7.1	17.8
3 22	9 52.46	+12 22.2	2.424	3.287	10.1	18.0
239358 2007 RQ_{179}			2 20.5	152°.41	3°.9/25.0 17	
1 12	10 34.18	− 5 2.9	2.704	3.396	13.3	21.7
1 22	10 30.65	− 5 4.0	2.605	3.401	11.2	21.5
2 1	10 25.42	− 4 48.4	2.527	3.406	8.7	21.4
2 11	10 18.91	− 4 16.5	2.474	3.411	6.1	21.2
2 21	10 11.70	− 3 30.2	2.449	3.415	4.1	21.1
3 2	10 4.47	− 2 33.0	2.454	3.420	4.4	21.1
3 12	9 57.93	− 1 29.7	2.488	3.424	6.6	21.3
3 22	9 52.64	− 0 25.6	2.550	3.427	9.2	21.4
425271 2009 WE_{128}			2 20.5	177°.82	0°.6/21.0 17	
1 12	10 36.86	+ 6 45.7	2.203	2.959	14.1	21.8
1 22	10 33.19	+ 7 4.8	2.108	2.960	11.3	21.6
2 1	10 27.40	+ 7 37.4	2.036	2.961	7.9	21.4
2 11	10 19.98	+ 8 20.6	1.990	2.961	4.1	21.1
2 21	10 11.65	+ 9 10.0	1.973	2.961	0.6	20.8
3 2	10 3.28	+10 0.4	1.985	2.961	4.1	21.1
3 12	9 55.81	+10 46.5	2.027	2.961	7.9	21.4
3 22	9 49.95	+11 24.3	2.094	2.960	11.4	21.6
66787 1999 TY_{228}			2 20.5	290°.57	2°.5/22.8 18	
1 12	10 33.64	+ 0 46.3	1.988	2.733	15.8	19.6
1 22	10 30.98	+ 1 4.8	1.886	2.726	13.0	19.4
2 1	10 26.09	+ 1 43.3	1.806	2.719	9.6	19.2
2 11	10 19.41	+ 2 40.2	1.750	2.712	5.7	18.9
2 21	10 11.68	+ 3 51.4	1.721	2.705	2.6	18.7
3 2	10 3.83	+ 5 10.6	1.721	2.698	4.4	18.8
3 12	9 56.86	+ 6 30.3	1.749	2.691	8.4	19.0
3 22	9 51.60	+ 7 43.6	1.803	2.685	12.1	19.3
169629 2002 GZ_{171}			2 20.5	264°.14	2°.2/18.8 18	
1 12	10 39.49	+13 32.4	1.722	2.511	16.2	21.1
1 22	10 36.17	+14 10.2	1.622	2.496	12.9	20.8
2 1	10 30.02	+15 1.2	1.543	2.480	8.9	20.5
2 11	10 21.52	+15 59.9	1.489	2.464	4.5	20.2
2 21	10 11.55	+16 58.8	1.462	2.448	2.5	20.0
3 2	10 1.36	+17 49.8	1.464	2.431	6.6	20.3
3 12	9 52.30	+18 26.6	1.492	2.415	11.2	20.5
3 22	9 45.43	+18 45.9	1.544	2.398	15.3	20.7
462001 2006 WU_{152}			2 20.5	71°.28	1°.3/19.4 18	
1 12	10 40.32	+10 10.9	1.689	2.468	16.9	21.6
1 22	10 36.23	+11 6.1	1.633	2.501	13.2	21.4
2 1	10 29.55	+12 15.7	1.598	2.532	8.9	21.2
2 11	10 21.00	+13 32.9	1.589	2.564	4.3	21.0
2 21	10 11.61	+14 49.6	1.608	2.595	1.5	20.9
3 2	10 2.53	+15 57.8	1.656	2.626	5.6	21.2
3 12	9 54.87	+16 51.7	1.732	2.657	9.7	21.5
3 22	9 49.36	+17 28.6	1.832	2.687	13.2	21.8
411278 2010 SL_{10}			2 20.5	80°.55	0°.9/19.8 18	
1 12	10 46.57	+12 37.4	1.816	2.584	16.3	21.4
1 22	10 40.87	+12 44.9	1.754	2.615	12.8	21.3
2 1	10 32.58	+13 1.9	1.715	2.646	8.7	21.1
2 11	10 22.46	+13 23.6	1.702	2.676	4.2	20.9
2 21	10 11.53	+13 44.9	1.718	2.706	1.1	20.7
3 2	10 0.99	+14 1.0	1.764	2.736	5.1	21.0
3 12	9 51.95	+14 8.6	1.838	2.764	9.2	21.3
3 22	9 45.13	+14 6.2	1.938	2.793	12.6	21.6
490381 2009 OE_{10}			2 20.5	142°.07	1°.2/21.8 18	
1 12	10 36.89	+ 2 45.5	2.465	3.197	13.4	22.4
1 22	10 32.89	+ 3 26.3	2.375	3.210	10.8	22.2
2 1	10 27.01	+ 4 22.7	2.308	3.222	7.7	22.0
2 11	10 19.72	+ 5 31.8	2.268	3.234	4.2	21.8
2 21	10 11.68	+ 6 49.1	2.258	3.245	1.3	21.6
3 2	10 3.66	+ 8 8.7	2.279	3.255	3.6	21.8
3 12	9 56.46	+ 9 24.6	2.331	3.265	7.1	22.0
3 22	9 50.69	+10 32.2	2.410	3.274	10.1	22.2
282453 2004 CH_{32}			2 20.5	279°.38	3°.2/23.1 17	
1 12	10 36.95	+ 1 14.9	2.301	3.031	14.3	21.3
1 22	10 33.26	+ 0 52.0	2.192	3.020	11.9	21.1
2 1	10 27.49	+ 0 42.7	2.103	3.008	8.9	20.9
2 11	10 20.07	+ 0 46.9	2.041	2.996	5.7	20.7
2 21	10 11.66	+ 1 3.0	2.006	2.985	3.3	20.5
3 2	10 3.10	+ 1 28.0	2.000	2.973	4.5	20.6
3 12	9 55.32	+ 1 57.5	2.024	2.961	7.7	20.7
3 22	9 49.05	+ 2 27.2	2.073	2.950	11.0	20.9

148078 1998 XS_{10} 2 20.5 55°.92 1°.7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.15	+11 9.4	1.509	2.303	17.9	19.2
1 22	10 34.92	+12 1.3	1.450	2.327	14.0	19.0
2 1	10 28.88	+13 8.4	1.412	2.350	9.4	18.8
2 11	10 20.76	+14 23.5	1.399	2.375	4.6	18.6
2 21	10 11.63	+15 37.8	1.412	2.399	2.0	18.5
3 2	10 2.80	+16 42.4	1.453	2.423	6.2	18.8
3 12	9 55.46	+17 31.3	1.521	2.448	10.6	19.1
3 22	9 50.44	+18 1.6	1.611	2.473	14.4	19.4

318851 2005 TX_{16} 2 20.5 112°.54 3°.1/17.9 18

1 12	10 45.35	+19 13.9	2.197	2.971	13.7	21.4
1 22	10 39.65	+19 43.2	2.127	2.992	10.7	21.2
2 1	10 31.66	+20 16.4	2.081	3.013	7.3	21.0
2 11	10 22.00	+20 47.8	2.063	3.033	4.2	20.9
2 21	10 11.57	+21 12.1	2.074	3.052	3.3	20.8
3 2	10 1.38	+21 25.0	2.116	3.071	6.0	21.0
3 12	9 52.43	+21 24.4	2.186	3.089	9.2	21.3
3 22	9 45.41	+21 10.4	2.281	3.106	12.1	21.5

74469 1999 CN_{52} 2 20.5 16°.32 5°.7/15.1 18

1 12	10 28.79	+16 53.9	1.368	2.198	17.5	17.4
1 22	10 28.10	+18 58.8	1.310	2.209	13.5	17.2
2 1	10 24.54	+21 17.9	1.275	2.221	9.3	17.0
2 11	10 18.74	+23 38.2	1.264	2.235	6.1	16.8
2 21	10 11.75	+25 45.5	1.280	2.250	6.5	16.9
3 2	10 4.90	+27 27.7	1.322	2.267	9.9	17.1
3 12	9 59.48	+28 38.0	1.387	2.285	13.7	17.4
3 22	9 56.38	+29 15.7	1.472	2.304	17.1	17.7

82919 2001 QD_{106} 2 20.5 143°.87 5°.2/25.8 18

1 12	10 34.32	− 6 59.7	2.379	3.068	14.9	19.4
1 22	10 31.08	− 7 20.9	2.279	3.069	12.7	19.3
2 1	10 25.90	− 7 23.5	2.199	3.069	10.2	19.1
2 11	10 19.25	− 7 6.6	2.143	3.070	7.5	18.9
2 21	10 11.74	− 6 31.4	2.113	3.071	5.5	18.8
3 2	10 4.16	− 5 40.9	2.112	3.071	5.6	18.8
3 12	9 57.36	− 4 40.4	2.139	3.072	7.6	18.9
3 22	9 51.99	− 3 35.9	2.192	3.072	10.3	19.1

422554 2014 TV_{36} 2 20.5 116°.21 0°.4/20.8 18

1 12	10 39.34	+ 6 39.1	2.185	2.936	14.4	21.7
1 22	10 34.98	+ 7 12.6	2.107	2.956	11.4	21.6
2 1	10 28.51	+ 7 59.9	2.052	2.976	7.9	21.4
2 11	10 20.49	+ 8 57.3	2.024	2.995	4.0	21.2
2 21	10 11.67	+ 9 59.6	2.025	3.014	0.4	20.9
3 2	10 2.97	+11 0.8	2.057	3.032	4.1	21.2
3 12	9 55.28	+11 55.6	2.118	3.049	7.8	21.5
3 22	9 49.29	+12 40.2	2.206	3.066	11.1	21.7

152507 2005 XZ_{3} 2 20.5 225°.41 6°.1/14.7 18

1 12	10 38.60	+24 21.8	1.929	2.731	14.2	19.9
1 22	10 35.15	+25 43.8	1.851	2.729	11.3	19.7
2 1	10 29.07	+27 9.8	1.797	2.728	8.4	19.5
2 11	10 20.93	+28 30.7	1.769	2.726	6.3	19.4
2 21	10 11.64	+29 37.8	1.769	2.724	6.7	19.4
3 2	10 2.36	+30 23.7	1.796	2.722	9.2	19.6
3 12	9 54.26	+30 45.2	1.849	2.720	12.2	19.7
3 22	9 48.25	+30 42.7	1.923	2.718	15.1	19.9

129983 1999 UR_{48} 2 20.5 217°.60 4°.3/16.3 18

1 12	10 41.65	+20 36.2	2.201	2.984	13.3	20.9
1 22	10 37.23	+21 41.2	2.104	2.974	10.5	20.7
2 1	10 30.37	+22 52.6	2.032	2.964	7.5	20.4
2 11	10 21.57	+24 3.4	1.987	2.953	4.8	20.3
2 21	10 11.61	+25 6.0	1.972	2.941	4.7	20.2
3 2	10 1.52	+25 53.9	1.986	2.928	7.4	20.4
3 12	9 52.41	+26 22.8	2.028	2.914	10.6	20.5
3 22	9 45.15	+26 32.1	2.094	2.900	13.7	20.7

96795 1999 RY_{123} 2 20.5 210°.10 3°.7/23.4 18

1 12	10 39.90	+ 0 7.6	2.253	2.972	14.9	19.8
1 22	10 35.58	− 0 24.7	2.149	2.969	12.4	19.6
2 1	10 29.07	− 0 42.8	2.067	2.965	9.4	19.4
2 11	10 20.86	− 0 46.6	2.011	2.962	6.2	19.2
2 21	10 11.65	− 0 37.4	1.982	2.958	3.8	19.0
3 2	10 2.34	− 0 17.8	1.984	2.954	4.8	19.1
3 12	9 53.89	+ 0 7.9	2.014	2.949	7.9	19.2
3 22	9 47.07	+ 0 35.2	2.070	2.944	11.1	19.4

81016 2000 EE_{39} 2 20.5 323°.54 0°.8/19.9 18

1 12	10 35.69	+10 57.3	1.465	2.265	18.0	19.2
1 22	10 33.59	+11 11.2	1.370	2.250	14.5	19.0
2 1	10 28.47	+11 40.5	1.295	2.234	10.0	18.7
2 11	10 20.84	+12 21.0	1.244	2.220	5.0	18.3
2 21	10 11.64	+13 6.2	1.217	2.206	1.0	18.0
3 2	10 2.24	+13 48.1	1.217	2.192	6.2	18.3
3 12	9 54.11	+14 19.8	1.242	2.180	11.5	18.6
3 22	9 48.38	+14 36.8	1.289	2.168	16.1	18.8

266375 2007 EN_{99} 2 20.5 147°.19 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.44	+ 7 47.3	2.169	2.929	14.2	21.5
1 22	10 33.65	+ 8 13.4	2.080	2.934	11.3	21.3
2 1	10 27.72	+ 8 52.7	2.013	2.940	7.9	21.1
2 11	10 20.16	+ 9 41.7	1.973	2.945	4.0	20.9
2 21	10 11.70	+10 35.7	1.961	2.950	0.2	20.6
3 2	10 3.25	+11 29.0	1.980	2.955	4.3	20.9
3 12	9 55.74	+12 16.2	2.027	2.959	8.1	21.2
3 22	9 49.89	+12 53.7	2.100	2.963	11.5	21.4

277720 2006 DJ_{49} 2 20.5 12°.64 2°.9/18.6 18

1 12	10 39.01	+17 5.8	1.525	2.330	17.2	20.3
1 22	10 35.84	+17 20.3	1.451	2.334	13.6	20.0
2 1	10 29.70	+17 42.6	1.397	2.338	9.3	19.8
2 11	10 21.26	+18 6.4	1.368	2.343	4.9	19.5
2 21	10 11.63	+18 25.0	1.365	2.349	3.2	19.4
3 2	10 2.17	+18 32.5	1.389	2.356	6.9	19.7
3 12	9 54.20	+18 25.6	1.438	2.363	11.3	20.0
3 22	9 48.65	+18 3.8	1.509	2.372	15.2	20.2

47810 2000 EE_{79} 2 20.5 95°.43 0°.4/20.1 18

1 12	10 37.67	+ 6 12.7	1.861	2.625	16.1	19.2
1 22	10 34.08	+ 7 25.5	1.789	2.647	12.7	19.0
2 1	10 28.11	+ 8 56.9	1.739	2.669	8.7	18.8
2 11	10 20.36	+10 40.8	1.716	2.690	4.2	18.6
2 21	10 11.69	+12 28.8	1.722	2.711	0.6	18.4
3 2	10 3.15	+14 11.8	1.759	2.731	5.0	18.7
3 12	9 55.77	+15 41.7	1.824	2.751	9.1	19.0
3 22	9 50.30	+16 53.9	1.914	2.770	12.7	19.3

343069 2009 CN_{39} 2 20.5 4°.70 0°.3/20.7 17

1 12	10 41.92	+11 7.8	2.101	2.864	14.5	19.7
1 22	10 37.24	+10 44.1	2.007	2.864	11.6	19.5
2 1	10 30.22	+10 28.1	1.936	2.864	8.1	19.3
2 11	10 21.41	+10 17.5	1.892	2.865	4.1	19.0
2 21	10 11.63	+10 9.5	1.877	2.866	0.3	18.7
3 2	10 1.89	+10 1.2	1.892	2.867	4.4	19.1
3 12	9 53.21	+ 9 49.8	1.935	2.868	8.3	19.3
3 22	9 46.36	+ 9 33.6	2.005	2.870	11.8	19.5

451417 2011 QY_{53} 2 20.5 325°.33 5°.4/23.9 18

1 12	10 38.46	− 1 16.3	1.440	2.193	20.5	21.1
1 22	10 35.71	− 1 55.7	1.351	2.190	17.2	20.9
2 1	10 29.87	− 2 12.7	1.280	2.187	13.2	20.6
2 11	10 21.51	− 2 5.5	1.231	2.185	8.9	20.4
2 21	10 11.62	− 1 35.7	1.206	2.182	5.6	20.2
3 2	10 1.58	− 0 48.0	1.207	2.180	6.7	20.2
3 12	9 52.88	+ 0 9.2	1.233	2.177	10.8	20.4
3 22	9 46.63	+ 1 7.1	1.282	2.176	15.2	20.7

276072 2002 CY_{183} 2 20.5 11°.84 0°.2/20.6 18

1 12	10 39.52	+ 9 45.7	1.875	2.647	15.7	21.0
1 22	10 35.68	+ 9 45.3	1.786	2.648	12.5	20.8
2 1	10 29.34	+ 9 56.4	1.718	2.648	8.7	20.6
2 11	10 21.05	+10 16.1	1.675	2.649	4.4	20.3
2 21	10 11.67	+10 40.1	1.660	2.649	0.3	20.0
3 2	10 2.30	+11 3.3	1.674	2.650	4.8	20.3
3 12	9 54.05	+11 21.2	1.716	2.651	9.1	20.6
3 22	9 47.77	+11 30.7	1.782	2.652	12.9	20.8

56554 2000 HF_{85} 2 20.5 256°.18 2°.9/22.6 18

1 12	10 37.10	+ 1 7.8	1.637	2.393	18.3	19.5
1 22	10 34.35	+ 1 16.2	1.536	2.381	15.1	19.3
2 1	10 28.82	+ 1 47.4	1.453	2.370	11.2	19.0
2 11	10 20.98	+ 2 40.6	1.394	2.358	6.7	18.7
2 21	10 11.67	+ 3 51.4	1.361	2.346	3.0	18.4
3 2	10 2.11	+ 5 12.7	1.356	2.333	5.3	18.5
3 12	9 53.64	+ 6 35.1	1.378	2.321	10.0	18.8
3 22	9 47.32	+ 7 50.0	1.423	2.308	14.5	19.0

276339 2002 TN_{326} 2 20.5 1°.81 3°.0/23.3 18

1 12	10 30.83	− 0 23.2	1.753	2.508	17.3	19.9
1 22	10 29.03	− 0 8.4	1.663	2.507	14.2	19.7
2 1	10 24.87	+ 0 29.1	1.593	2.507	10.6	19.5
2 11	10 18.86	+ 1 27.8	1.546	2.507	6.5	19.2
2 21	10 11.80	+ 2 43.4	1.526	2.508	3.2	19.0
3 2	10 4.69	+ 4 8.7	1.533	2.510	4.8	19.1
3 12	9 58.60	+ 5 34.9	1.567	2.513	8.8	19.4
3 22	9 54.34	+ 6 54.1	1.625	2.516	12.7	19.6

135732 2002 PY_{126} 2 20.5 239°.58 1°.2/19.5 18

1 12	10 40.18	+11 56.4	1.996	2.769	14.9	20.3
1 22	10 36.27	+12 25.8	1.891	2.756	11.8	20.1
2 1	10 29.84	+13 7.3	1.809	2.742	8.2	19.8
2 11	10 21.37	+13 56.3	1.753	2.728	4.0	19.6
2 21	10 11.66	+14 47.2	1.726	2.713	1.4	19.3
3 2	10 1.77	+15 33.4	1.728	2.698	5.4	19.6
3 12	9 52.84	+16 9.5	1.758	2.682	9.7	19.8
3 22	9 45.81	+16 32.2	1.813	2.666	13.5	20.0

326008 2010 WR_{29} 2 20.5 43°.79 5°.7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.54	+21 17.9	1.676	2.485	15.7	20.4
1 22	10 34.60	+22 43.1	1.605	2.489	12.4	20.1
2 1	10 28.83	+24 15.5	1.556	2.493	8.9	19.9
2 11	10 20.87	+25 45.5	1.533	2.497	6.1	19.8
2 21	10 11.69	+27 2.6	1.537	2.502	6.3	19.8
3 2	10 2.58	+27 58.7	1.567	2.506	9.2	20.0
3 12	9 54.81	+28 29.3	1.623	2.511	12.7	20.2
3 22	9 49.32	+28 34.5	1.700	2.515	15.9	20.4

235274 2003 TE_{50} 2 20.5 108°.89 0°.4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.97	+ 8 25.7	2.361	3.121	13.2	21.4
1 22	10 32.25	+ 9 16.0	2.282	3.138	10.4	21.2
2 1	10 26.61	+10 18.9	2.225	3.154	7.1	21.1
2 11	10 19.56	+11 29.9	2.197	3.170	3.5	20.8
2 21	10 11.77	+12 43.6	2.198	3.186	0.6	20.6
3 2	10 4.05	+13 54.0	2.230	3.202	4.2	20.9
3 12	9 57.21	+14 55.9	2.291	3.217	7.6	21.2
3 22	9 51.86	+15 45.7	2.379	3.231	10.7	21.4

383984 2008 TE_{122} 2 20.5 151°.54 3°.5/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.61	− 2 18.8	2.497	3.204	13.9	21.9
1 22	10 32.70	− 2 25.1	2.400	3.210	11.6	21.7
2 1	10 26.93	− 2 15.4	2.325	3.217	8.8	21.6
2 11	10 19.74	− 1 50.2	2.276	3.222	5.9	21.4
2 21	10 11.77	− 1 11.7	2.254	3.228	3.7	21.3
3 2	10 3.79	− 0 23.5	2.263	3.233	4.3	21.3
3 12	9 56.58	+ 0 29.6	2.301	3.238	7.0	21.5
3 22	9 50.78	+ 1 22.4	2.366	3.242	9.8	21.7

350623 2001 SJ_{217} 2 20.5 80°.71 2°.8/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.38	+15 44.0	1.431	2.229	18.5	21.2
1 22	10 40.18	+16 10.9	1.364	2.242	14.6	20.9
2 1	10 32.73	+16 48.0	1.317	2.256	10.0	20.7
2 11	10 22.79	+17 28.2	1.295	2.269	5.1	20.5
2 21	10 11.60	+18 3.4	1.299	2.283	3.1	20.4
3 2	10 0.70	+18 26.4	1.330	2.296	7.2	20.6
3 12	9 51.54	+18 33.3	1.386	2.310	11.8	20.9
3 22	9 45.08	+18 23.2	1.465	2.323	15.8	21.2

109386 2001 QJ_{168} 2 20.5 219°.98 3°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.45	+17 8.4	2.169	2.951	13.5	20.4
1 22	10 35.47	+18 3.6	2.072	2.943	10.7	20.2
2 1	10 29.15	+19 7.4	1.999	2.934	7.4	20.0
2 11	10 20.97	+20 13.6	1.954	2.925	4.1	19.8
2 21	10 11.70	+21 15.5	1.937	2.915	3.5	19.7
3 2	10 2.33	+22 6.3	1.950	2.905	6.4	19.9
3 12	9 53.90	+22 41.6	1.991	2.894	9.9	20.0
3 22	9 47.24	+22 59.4	2.057	2.883	13.1	20.2

98622 2000 WJ_{89} 2 20.5 80°.46 0°.0/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.46	+ 8 24.3	1.560	2.338	18.1	19.6
1 22	10 37.47	+ 8 45.7	1.494	2.359	14.4	19.3
2 1	10 30.64	+ 9 23.4	1.448	2.379	9.9	19.1
2 11	10 21.68	+10 12.5	1.426	2.400	4.9	18.9
2 21	10 11.67	+11 6.2	1.431	2.420	0.3	18.6
3 2	10 1.90	+11 57.2	1.465	2.440	5.3	19.0
3 12	9 53.63	+12 39.1	1.525	2.460	10.0	19.3
3 22	9 47.71	+13 8.0	1.609	2.479	13.9	19.6

104304 2000 EM_{179} 2 20.5 278°.53 6°.9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.18	+27 16.4	1.737	2.533	15.8	19.4
1 22	10 41.54	+28 1.6	1.652	2.524	12.8	19.2
2 1	10 33.71	+28 46.6	1.589	2.516	9.6	18.9
2 11	10 23.34	+29 22.2	1.552	2.507	7.2	18.8
2 21	10 11.57	+29 39.7	1.541	2.498	7.3	18.8
3 2	9 59.87	+29 33.2	1.557	2.489	9.9	18.9
3 12	9 49.71	+29 1.4	1.599	2.480	13.2	19.1
3 22	9 42.14	+28 7.0	1.662	2.471	16.5	19.3

431201 2006 ST_{137} 2 20.5 146°.35 5°.6/13.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.94	+31 31.2	3.004	3.781	10.3	21.8
1 22	10 35.89	+32 28.9	2.936	3.790	8.4	21.7
2 1	10 28.97	+33 23.5	2.892	3.800	6.6	21.6
2 11	10 20.69	+34 9.0	2.877	3.809	5.6	21.6
2 21	10 11.73	+34 40.7	2.891	3.817	6.0	21.6
3 2	10 2.89	+34 55.4	2.934	3.825	7.4	21.7
3 12	9 54.94	+34 52.1	3.004	3.833	9.3	21.8
3 22	9 48.50	+34 32.0	3.097	3.840	11.0	22.0

468234 2015 BG_{223} 2 20.5 330°.62 1°.6/19.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.23	+12 58.6	1.930	2.714	14.9	21.9
1 22	10 33.87	+13 29.5	1.842	2.713	11.8	21.7
2 1	10 28.10	+14 11.3	1.775	2.711	8.0	21.5
2 11	10 20.45	+14 59.2	1.734	2.710	4.0	21.2
2 21	10 11.74	+15 47.1	1.722	2.708	1.8	21.1
3 2	10 3.02	+16 28.9	1.738	2.707	5.5	21.3
3 12	9 55.36	+16 59.5	1.782	2.706	9.5	21.5
3 22	9 49.59	+17 16.3	1.849	2.705	13.1	21.8

312026 2007 RS_{98} 2 20.5 224°.04 2°.4/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.35	+14 23.5	1.998	2.775	14.7	21.5
1 22	10 37.20	+15 9.1	1.897	2.765	11.6	21.3
2 1	10 30.50	+16 5.9	1.819	2.753	8.0	21.1
2 11	10 21.71	+17 8.2	1.767	2.741	4.1	20.8
2 21	10 11.67	+18 9.2	1.745	2.728	2.6	20.7
3 2	10 1.46	+19 1.6	1.752	2.715	6.1	20.9
3 12	9 52.26	+19 40.0	1.787	2.700	10.2	21.1
3 22	9 45.00	+20 1.8	1.846	2.685	13.8	21.3

49051 1998 RW_{27} 2 20.5 203°.05 2°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.07	+ 0 55.6	2.102	2.834	15.5	20.4
1 22	10 34.34	+ 1 1.2	2.000	2.831	12.7	20.2
2 1	10 28.35	+ 1 24.4	1.918	2.827	9.4	20.0
2 11	10 20.57	+ 2 4.1	1.862	2.822	5.7	19.8
2 21	10 11.73	+ 2 57.0	1.834	2.817	2.8	19.6
3 2	10 2.78	+ 3 58.0	1.836	2.811	4.4	19.7
3 12	9 54.72	+ 5 0.7	1.866	2.805	8.2	19.9
3 22	9 48.36	+ 5 59.2	1.922	2.798	11.8	20.1

224474 2005 VL_{73} 2 20.5 228°.60 1°.5/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.01	+ 4 10.9	1.990	2.745	15.5	21.1
1 22	10 32.82	+ 4 26.8	1.894	2.742	12.6	20.9
2 1	10 27.35	+ 4 59.6	1.819	2.740	9.0	20.7
2 11	10 20.08	+ 5 46.9	1.769	2.737	5.0	20.4
2 21	10 11.76	+ 6 44.3	1.748	2.735	1.5	20.2
3 2	10 3.38	+ 7 45.8	1.755	2.732	4.4	20.4
3 12	9 55.94	+ 8 44.8	1.790	2.729	8.4	20.6
3 22	9 50.26	+ 9 36.1	1.851	2.726	12.2	20.8

131474 2001 RA_{82} 2 20.5 133°.62 0°.8/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.12	+ 7 23.2	2.568	3.313	12.6	20.1
1 22	10 33.79	+ 7 23.2	2.476	3.321	10.1	19.9
2 1	10 27.61	+ 7 33.1	2.407	3.328	7.1	19.7
2 11	10 20.06	+ 7 50.7	2.366	3.335	3.7	19.5
2 21	10 11.78	+ 8 13.2	2.354	3.342	0.8	19.3
3 2	10 3.53	+ 8 37.1	2.373	3.349	3.6	19.5
3 12	9 56.09	+ 8 58.8	2.422	3.355	6.9	19.8
3 22	9 50.06	+ 9 15.5	2.497	3.361	9.8	20.0

221059 2005 QD_{143} 2 20.5 200°.86 2°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.64	+ 5 30.7	2.029	2.774	15.6	20.6
1 22	10 37.98	+ 5 4.9	1.931	2.772	12.7	20.4
2 1	10 30.87	+ 4 51.1	1.854	2.770	9.2	20.2
2 11	10 21.83	+ 4 48.4	1.803	2.768	5.3	19.9
2 21	10 11.68	+ 4 54.4	1.780	2.765	2.2	19.7
3 2	10 1.47	+ 5 5.8	1.787	2.763	4.5	19.9
3 12	9 52.30	+ 5 18.3	1.823	2.760	8.5	20.1
3 22	9 45.01	+ 5 28.6	1.885	2.756	12.2	20.3

294361 2007 VN_{101} 2 20.5 204°.01 0°.5/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.42	+ 7 15.9	2.080	2.834	14.9	21.9
1 22	10 36.24	+ 7 33.8	1.979	2.830	12.0	21.7
2 1	10 29.69	+ 8 5.7	1.900	2.825	8.4	21.4
2 11	10 21.26	+ 8 48.6	1.847	2.819	4.4	21.2
2 21	10 11.71	+ 9 38.0	1.823	2.812	0.5	20.8
3 2	10 2.07	+10 28.2	1.830	2.805	4.5	21.1
3 12	9 53.37	+11 13.4	1.865	2.797	8.6	21.4
3 22	9 46.46	+11 49.6	1.925	2.788	12.3	21.6

8724 Junkoehara 2 20.5 89°.27 0°.9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.75	+10 49.0	1.641	2.419	17.4	18.4
1 22	10 38.35	+11 17.5	1.575	2.442	13.7	18.2
2 1	10 31.17	+11 59.6	1.530	2.464	9.3	18.0
2 11	10 21.93	+12 49.8	1.510	2.485	4.5	17.8
2 21	10 11.69	+13 40.9	1.519	2.507	1.1	17.6
3 2	10 1.71	+14 26.1	1.555	2.528	5.6	17.9
3 12	9 53.21	+15 0.0	1.619	2.548	10.0	18.2
3 22	9 47.01	+15 19.8	1.707	2.568	13.8	18.5

388652 2007 TP_{253} 2 20.5 58°.03 0°.1/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.94	+ 8 41.6	2.065	2.834	14.5	21.3
1 22	10 32.48	+ 9 6.5	1.991	2.852	11.5	21.1
2 1	10 26.90	+ 9 43.9	1.939	2.869	7.9	20.9
2 11	10 19.75	+10 30.1	1.913	2.886	3.9	20.7
2 21	10 11.80	+11 19.8	1.915	2.904	0.2	20.4
3 2	10 3.99	+12 7.6	1.947	2.922	4.3	20.8
3 12	9 57.20	+12 48.4	2.007	2.940	8.1	21.0
3 22	9 52.10	+13 19.0	2.093	2.958	11.4	21.3

68772 2002 EB_{147} 2 20.5 234°.47 2°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.74	+ 1 58.8	1.981	2.719	16.1	20.2
1 22	10 35.93	+ 1 55.1	1.871	2.706	13.3	20.0
2 1	10 29.63	+ 2 8.7	1.783	2.694	9.8	19.7
2 11	10 21.31	+ 2 38.7	1.719	2.680	5.9	19.5
2 21	10 11.72	+ 3 22.2	1.683	2.666	2.8	19.3
3 2	10 1.90	+ 4 14.3	1.676	2.651	4.8	19.3
3 12	9 52.99	+ 5 8.5	1.697	2.636	8.8	19.6
3 22	9 45.91	+ 5 58.9	1.744	2.620	12.8	19.8

372984 2011 CS_{67} 2 20.5 169°.48 0°.9/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.97	+12 5.2	2.207	2.975	13.8	21.4
1 22	10 35.65	+12 22.1	2.116	2.977	10.9	21.2
2 1	10 29.12	+12 48.3	2.048	2.979	7.5	21.0
2 11	10 20.90	+13 20.1	2.006	2.981	3.7	20.7
2 21	10 11.76	+13 52.7	1.994	2.982	1.0	20.5
3 2	10 2.64	+14 21.4	2.012	2.983	4.6	20.8
3 12	9 54.48	+14 42.2	2.059	2.984	8.4	21.0
3 22	9 48.04	+14 53.0	2.131	2.984	11.7	21.2

138367 2000 GJ_{139} 2 20.5 353°.85 7°.0/15.1 18

1 12	10 36.89	+23 16.0	1.432	2.254	17.3	19.5
1 22	10 34.69	+24 36.2	1.360	2.251	13.8	19.2
2 1	10 29.25	+26 2.9	1.310	2.248	10.1	19.0
2 11	10 21.22	+27 24.8	1.283	2.246	7.3	18.8
2 21	10 11.74	+28 30.4	1.282	2.244	7.7	18.8
3 2	10 2.31	+29 10.5	1.305	2.244	10.7	19.0
3 12	9 54.46	+29 21.0	1.352	2.244	14.5	19.2
3 22	9 49.26	+29 3.4	1.419	2.244	18.0	19.4

470930 2009 FP_{26} 2 20.5 248°.47 3°.0/24.5 16

1 12	10 32.71	− 4 28.3	2.921	3.613	12.3	22.2
1 22	10 29.52	− 3 58.3	2.798	3.598	10.4	22.0
2 1	10 24.73	− 3 10.7	2.697	3.583	8.0	21.8
2 11	10 18.69	− 2 6.2	2.622	3.567	5.3	21.6
2 21	10 11.89	− 0 47.5	2.577	3.550	3.2	21.4
3 2	10 4.96	+ 0 41.2	2.562	3.534	3.7	21.4
3 12	9 58.56	+ 2 14.3	2.579	3.517	6.2	21.6
3 22	9 53.28	+ 3 45.9	2.624	3.500	9.0	21.7

172556 2003 UZ_{112} 2 20.5 208°.91 4°.1/16.7 18

1 12	10 41.84	+19 39.2	2.149	2.932	13.6	21.3
1 22	10 37.43	+20 42.9	2.055	2.925	10.8	21.1
2 1	10 30.56	+21 53.8	1.985	2.917	7.6	20.9
2 11	10 21.72	+23 4.7	1.942	2.909	4.7	20.7
2 21	10 11.73	+24 8.2	1.929	2.900	4.5	20.6
3 2	10 1.64	+24 57.4	1.945	2.890	7.2	20.8
3 12	9 52.56	+25 28.1	1.989	2.880	10.6	21.0
3 22	9 45.36	+25 39.3	2.057	2.868	13.7	21.1

86813 2000 GS_{131} 2 20.5 203°.43 1°.7/19.0 18

1 12	10 39.78	+11 19.0	1.826	2.604	15.9	20.3
1 22	10 36.14	+12 12.8	1.733	2.601	12.6	20.1
2 1	10 29.85	+13 21.9	1.662	2.596	8.6	19.9
2 11	10 21.43	+14 40.5	1.616	2.592	4.2	19.6
2 21	10 11.75	+16 0.8	1.600	2.586	2.0	19.4
3 2	10 1.95	+17 14.3	1.612	2.580	6.0	19.7
3 12	9 53.26	+18 14.0	1.652	2.573	10.4	19.9
3 22	9 46.62	+18 56.0	1.716	2.566	14.2	20.1

84169 2002 RC_{100} 2 20.5 290°.69 14°.0/ 4.0 18

1 12	10 31.29	−22 26.1	1.264	1.928	26.9	19.1
1 22	10 30.84	−23 9.5	1.169	1.915	24.7	18.9
2 1	10 27.09	−23 8.3	1.084	1.903	22.0	18.6
2 11	10 20.42	−22 11.0	1.014	1.891	18.8	18.4
2 21	10 11.79	−20 10.5	0.961	1.878	15.8	18.1
3 2	10 2.71	−17 7.6	0.929	1.866	14.1	18.0
3 12	9 54.99	−13 16.7	0.920	1.854	14.9	18.0
3 22	9 50.04	− 9 1.8	0.935	1.843	18.0	18.1

431298 2006 UP_{337} 2 20.5 209°.06 0°.7/21.4 17

1 12	10 34.99	+ 6 6.0	3.102	3.838	10.8	22.9
1 22	10 31.12	+ 6 23.5	2.992	3.832	8.7	22.7
2 1	10 25.71	+ 6 50.9	2.906	3.825	6.1	22.5
2 11	10 19.13	+ 7 26.3	2.849	3.817	3.3	22.3
2 21	10 11.88	+ 8 6.8	2.822	3.809	0.7	22.1
3 2	10 4.57	+ 8 49.0	2.826	3.801	3.1	22.3
3 12	9 57.82	+ 9 29.2	2.860	3.792	6.0	22.4
3 22	9 52.18	+10 4.4	2.923	3.783	8.7	22.6

498948 2009 BF_{62} 2 20.5 17°.10 0°.5/19.9 17

1 12	10 31.30	+ 4 49.8	1.968	2.736	15.2	20.5
1 22	10 29.15	+ 6 22.3	1.879	2.740	12.1	20.3
2 1	10 24.84	+ 8 16.7	1.813	2.743	8.3	20.1
2 11	10 18.85	+10 27.1	1.774	2.748	4.0	19.8
2 21	10 11.90	+12 44.5	1.764	2.753	0.7	19.6
3 2	10 4.90	+14 58.6	1.786	2.758	5.0	19.9
3 12	9 58.81	+16 59.7	1.836	2.764	9.1	20.1
3 22	9 54.38	+18 41.4	1.913	2.770	12.7	20.4

175487 2006 RW_{35} 2 20.5 158°.26 1°.3/19.1 18

1 12	10 36.77	+13 46.4	2.746	3.512	11.4	20.6
1 22	10 32.67	+14 12.9	2.655	3.516	8.9	20.5
2 1	10 26.83	+14 46.2	2.588	3.520	6.1	20.3
2 11	10 19.69	+15 22.7	2.550	3.524	3.0	20.1
2 21	10 11.86	+15 58.5	2.541	3.527	1.4	20.0
3 2	10 4.05	+16 29.5	2.564	3.530	4.2	20.2
3 12	9 56.98	+16 52.7	2.615	3.533	7.2	20.4
3 22	9 51.25	+17 6.2	2.693	3.536	9.9	20.5

473560 2015 XQ_{211} 2 20.5 250°.04 2°.3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.72	+13 8.5	1.616	2.406	17.1	21.9
1 22	10 37.38	+13 49.6	1.519	2.393	13.6	21.6
2 1	10 31.03	+14 45.4	1.442	2.380	9.4	21.3
2 11	10 22.16	+15 49.9	1.391	2.366	4.7	21.0
2 21	10 11.71	+16 55.0	1.366	2.352	2.5	20.8
3 2	10 1.04	+17 51.7	1.370	2.338	6.9	21.0
3 12	9 51.59	+18 33.1	1.399	2.323	11.7	21.3
3 22	9 44.50	+18 55.5	1.452	2.307	16.0	21.5

462044 2007 DA_{30} 2 20.5 323°.76 1°.4/19.5 17

1 12	10 36.83	+12 33.7	1.632	2.427	16.7	21.2
1 22	10 34.16	+12 51.3	1.538	2.414	13.3	20.9
2 1	10 28.68	+13 21.4	1.464	2.403	9.2	20.6
2 11	10 20.92	+13 59.5	1.416	2.391	4.5	20.3
2 21	10 11.79	+14 39.2	1.393	2.381	1.6	20.1
3 2	10 2.53	+15 13.6	1.398	2.370	6.0	20.4
3 12	9 54.47	+15 36.9	1.429	2.361	10.8	20.6
3 22	9 48.61	+15 46.0	1.482	2.352	15.0	20.8

27824 1993 UD_{8} 2 20.5 171°.88 0°.8/19.7 18

1 12	10 38.48	+10 8.6	2.360	3.120	13.2	20.3
1 22	10 34.35	+10 50.6	2.267	3.124	10.4	20.1
2 1	10 28.18	+11 44.2	2.198	3.127	7.1	19.9
2 11	10 20.44	+12 45.2	2.156	3.130	3.5	19.7
2 21	10 11.82	+13 48.3	2.144	3.132	0.9	19.5
3 2	10 3.19	+14 47.8	2.163	3.133	4.4	19.7
3 12	9 55.41	+15 38.6	2.211	3.133	8.0	20.0
3 22	9 49.18	+16 17.6	2.285	3.133	11.2	20.2

301854 1995 BS_{14} 2 20.5 306°.25 2°.0/21.6 17

1 12	10 38.45	+ 6 40.0	1.411	2.196	19.4	20.6
1 22	10 36.07	+ 6 17.7	1.307	2.174	15.9	20.3
2 1	10 30.45	+ 6 11.9	1.223	2.152	11.5	20.0
2 11	10 22.03	+ 6 21.3	1.160	2.131	6.4	19.7
2 21	10 11.73	+ 6 42.8	1.122	2.110	2.0	19.3
3 2	10 1.00	+ 7 10.6	1.111	2.089	6.0	19.5
3 12	9 51.49	+ 7 37.8	1.124	2.069	11.6	19.7
3 22	9 44.53	+ 7 58.3	1.159	2.049	16.7	20.0

289397 2005 CX_{43} 2 20.5 15°.06 0°.6/20.9 18

1 12	10 36.04	+ 7 36.5	1.296	2.095	20.0	20.9
1 22	10 33.99	+ 7 43.1	1.221	2.098	16.1	20.6
2 1	10 28.75	+ 8 9.2	1.166	2.102	11.3	20.3
2 11	10 20.98	+ 8 51.2	1.132	2.106	5.8	20.0
2 21	10 11.80	+ 9 42.2	1.123	2.112	0.6	19.7
3 2	10 2.67	+10 33.8	1.140	2.118	5.9	20.1
3 12	9 55.09	+11 17.7	1.181	2.125	11.2	20.4
3 22	9 50.12	+11 48.5	1.244	2.132	15.9	20.7

286109 2001 TR_{98} 2 20.5 192°.13 2°.6/22.6 18

1 12	10 40.50	+ 1 19.8	1.980	2.714	16.2	22.3
1 22	10 36.43	+ 1 27.9	1.880	2.712	13.3	22.1
2 1	10 29.90	+ 1 54.7	1.800	2.710	9.8	21.9
2 11	10 21.42	+ 2 38.7	1.746	2.707	5.9	21.6
2 21	10 11.78	+ 3 36.2	1.720	2.703	2.7	21.4
3 2	10 2.03	+ 4 41.5	1.723	2.699	4.6	21.5
3 12	9 53.25	+ 5 47.5	1.755	2.693	8.6	21.8
3 22	9 46.34	+ 6 48.0	1.813	2.687	12.5	22.0

52326 1992 EL_{7} 2 20.5 55°.10 1°.0/19.4 18

1 12	10 33.09	+ 8 29.0	2.107	2.880	14.2	18.7
1 22	10 30.30	+ 9 43.4	2.031	2.896	11.1	18.5
2 1	10 25.47	+11 12.9	1.978	2.911	7.5	18.3
2 11	10 19.10	+12 51.9	1.952	2.927	3.6	18.1
2 21	10 11.92	+14 32.9	1.956	2.943	1.2	18.0
3 2	10 4.80	+16 8.0	1.990	2.959	4.8	18.3
3 12	9 58.61	+17 30.7	2.052	2.976	8.5	18.5
3 22	9 54.02	+18 36.7	2.140	2.992	11.7	18.7

284824 2009 AT_{35} 2 20.5 259°.34 3°.5/16.7 17

1 12	10 35.17	+18 23.0	2.284	3.074	12.7	21.1
1 22	10 31.94	+19 28.3	2.198	3.073	9.9	20.9
2 1	10 26.63	+20 40.7	2.136	3.072	6.9	20.7
2 11	10 19.71	+21 54.0	2.101	3.071	4.1	20.5
2 21	10 11.89	+23 1.5	2.096	3.070	3.9	20.5
3 2	10 4.04	+23 57.1	2.120	3.069	6.4	20.7
3 12	9 57.09	+24 36.6	2.171	3.068	9.5	20.8
3 22	9 51.72	+24 58.4	2.247	3.067	12.4	21.0

92782 2000 QJ_{138} 2 20.5 109°.39 2°.5/18.8 18

1 12	10 43.96	+15 21.1	1.665	2.452	16.8	19.7
1 22	10 39.45	+15 51.5	1.593	2.465	13.2	19.4
2 1	10 32.05	+16 31.5	1.541	2.478	9.0	19.2
2 11	10 22.46	+17 14.7	1.516	2.490	4.6	19.0
2 21	10 11.75	+17 53.8	1.518	2.502	2.8	18.9
3 2	10 1.23	+18 22.3	1.548	2.514	6.5	19.1
3 12	9 52.19	+18 36.2	1.605	2.525	10.7	19.4
3 22	9 45.52	+18 34.3	1.686	2.536	14.4	19.7

77849 2001 RE_5 2 20.5 336°.17 1°.2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.14	+ 7 24.1	2.133	2.891	14.5	18.7
1 22	10 34.33	+ 7 10.5	2.036	2.888	11.7	18.5
2 1	10 28.31	+ 7 8.1	1.961	2.884	8.3	18.2
2 11	10 20.56	+ 7 14.9	1.912	2.881	4.5	18.0
2 21	10 11.85	+ 7 28.0	1.891	2.878	1.2	17.8
3 2	10 3.09	+ 7 43.9	1.899	2.876	4.2	18.0
3 12	9 55.27	+ 7 58.4	1.936	2.873	8.0	18.2
3 22	9 49.14	+ 8 8.3	1.998	2.871	11.5	18.4

28345 1999 FL_{19} 2 20.5 13°.60 1°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.31	+11 50.3	1.864	2.653	15.2	17.8
1 22	10 31.63	+12 24.2	1.782	2.655	11.9	17.6
2 1	10 26.59	+13 10.2	1.721	2.659	8.1	17.4
2 11	10 19.73	+14 3.6	1.687	2.663	4.0	17.1
2 21	10 11.89	+14 58.1	1.680	2.667	1.5	17.0
3 2	10 4.09	+15 47.1	1.701	2.672	5.3	17.2
3 12	9 57.35	+16 25.2	1.749	2.678	9.4	17.5
3 22	9 52.47	+16 49.2	1.821	2.684	13.0	17.7

151823 2003 FK_{99} 2 20.5 277°.07 5°.7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.16	+23 50.3	1.941	2.739	14.3	19.8
1 22	10 36.55	+24 52.9	1.846	2.722	11.5	19.6
2 1	10 30.21	+26 0.0	1.774	2.705	8.4	19.4
2 11	10 21.67	+27 3.7	1.728	2.688	6.1	19.2
2 21	10 11.79	+27 55.3	1.709	2.671	6.2	19.2
3 2	10 1.76	+28 27.7	1.718	2.653	8.9	19.3
3 12	9 52.86	+28 37.2	1.753	2.635	12.2	19.5
3 22	9 46.05	+28 24.0	1.810	2.618	15.4	19.6

115418 2003 SY_{301} 2 20.5 5°.01 3°.2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.36	+ 2 59.8	1.433	2.206	19.7	19.7
1 22	10 34.80	+ 2 39.1	1.349	2.206	16.2	19.4
2 1	10 29.22	+ 2 38.7	1.284	2.206	11.9	19.2
2 11	10 21.22	+ 2 57.8	1.241	2.206	7.1	18.9
2 21	10 11.81	+ 3 33.0	1.223	2.208	3.3	18.7
3 2	10 2.36	+ 4 18.0	1.232	2.209	5.7	18.8
3 12	9 54.28	+ 5 5.0	1.265	2.212	10.4	19.1
3 22	9 48.62	+ 5 46.9	1.322	2.214	14.9	19.4

173152 1995 XC_4 2 20.5 124°.44 4°.0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.69	+22 26.9	2.682	3.467	11.1	20.4
1 22	10 32.74	+23 29.3	2.607	3.478	8.7	20.3
2 1	10 26.94	+24 34.4	2.558	3.488	6.2	20.1
2 11	10 19.78	+25 36.5	2.536	3.498	4.3	20.0
2 21	10 11.90	+26 29.9	2.545	3.507	4.3	20.0
3 2	10 4.08	+27 10.3	2.583	3.517	6.3	20.2
3 12	9 57.10	+27 35.0	2.649	3.526	8.8	20.3
3 22	9 51.55	+27 43.5	2.739	3.535	11.1	20.5

335885 2007 RE_{170} 2 20.5 90°.42 0°.4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.29	+ 6 1.4	2.241	2.999	13.9	20.7
1 22	10 31.13	+ 6 42.5	2.155	3.008	11.1	20.5
2 1	10 25.99	+ 7 38.4	2.091	3.017	7.7	20.3
2 11	10 19.36	+ 8 45.4	2.055	3.026	3.9	20.1
2 21	10 11.92	+ 9 58.4	2.047	3.035	0.4	19.8
3 2	10 4.51	+11 11.1	2.069	3.044	4.0	20.2
3 12	9 57.96	+12 17.6	2.120	3.053	7.7	20.4
3 22	9 52.93	+13 13.4	2.197	3.062	10.9	20.6

286379 2001 XD_{246} 2 20.5 152°.71 3°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.86	+16 48.6	1.971	2.750	14.8	21.9
1 22	10 39.01	+17 41.9	1.892	2.760	11.6	21.7
2 1	10 31.59	+18 43.5	1.836	2.769	8.0	21.5
2 11	10 22.21	+19 46.8	1.806	2.778	4.4	21.3
2 21	10 11.77	+20 44.2	1.807	2.786	3.5	21.2
3 2	10 1.43	+21 29.2	1.836	2.793	6.6	21.4
3 12	9 52.30	+21 57.7	1.894	2.799	10.2	21.7
3 22	9 45.24	+22 8.4	1.976	2.804	13.5	21.9

381216 2007 RR_{206} 2 20.5 201°.17 1°.6/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.81	+13 46.2	2.368	3.142	12.8	21.6
1 22	10 33.08	+14 19.6	2.275	3.141	10.0	21.4
2 1	10 27.34	+15 1.6	2.205	3.139	6.8	21.2
2 11	10 20.04	+15 47.8	2.163	3.137	3.4	21.0
2 21	10 11.89	+16 33.3	2.150	3.135	1.8	20.9
3 2	10 3.71	+17 13.0	2.167	3.133	4.8	21.1
3 12	9 56.39	+17 42.8	2.212	3.131	8.3	21.3
3 22	9 50.60	+18 0.6	2.283	3.128	11.3	21.5

145868 1999 RA_{138} 2 20.5 163°.77 0°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.83	+10 40.1	1.795	2.562	16.5	21.2
1 22	10 40.03	+11 4.5	1.709	2.569	13.1	21.0
2 1	10 32.45	+11 42.1	1.645	2.575	9.0	20.7
2 11	10 22.70	+12 28.2	1.606	2.580	4.4	20.5
2 21	10 11.75	+13 16.5	1.596	2.584	0.9	20.2
3 2	10 0.83	+14 0.4	1.616	2.588	5.4	20.5
3 12	9 51.19	+14 34.2	1.663	2.590	9.9	20.8
3 22	9 43.77	+14 55.0	1.736	2.592	13.8	21.1

404385 2013 GB_{43} 2 20.5 31°.39 2°.7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.41	+ 1 59.1	1.250	2.037	21.3	20.8
1 22	10 32.70	+ 2 7.8	1.182	2.047	17.4	20.5
2 1	10 27.84	+ 2 43.3	1.131	2.058	12.6	20.3
2 11	10 20.52	+ 3 42.8	1.101	2.069	7.3	20.0
2 21	10 11.86	+ 4 59.7	1.096	2.082	2.8	19.8
3 2	10 3.32	+ 6 23.8	1.116	2.095	5.7	20.0
3 12	9 56.36	+ 7 44.1	1.161	2.110	10.8	20.3
3 22	9 51.96	+ 8 51.9	1.227	2.124	15.5	20.6

197541 2004 EB_{85} 2 20.5 275°.89 2°.3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.59	+ 3 15.8	1.444	2.217	19.6	21.0
1 22	10 35.17	+ 3 19.2	1.348	2.206	16.1	20.7
2 1	10 29.67	+ 3 45.4	1.270	2.195	11.7	20.4
2 11	10 21.57	+ 4 32.9	1.215	2.183	6.7	20.1
2 21	10 11.82	+ 5 37.2	1.185	2.172	2.4	19.8
3 2	10 1.80	+ 6 50.0	1.182	2.160	5.7	20.0
3 12	9 53.03	+ 8 1.7	1.204	2.149	11.0	20.3
3 22	9 46.71	+ 9 3.9	1.249	2.138	15.9	20.5

406146 2006 VR_{131} 2 20.5 65°.13 2°.4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.85	+ 1 4.3	1.655	2.402	18.5	21.2
1 22	10 36.63	+ 1 28.8	1.599	2.440	14.9	21.1
2 1	10 29.85	+ 2 14.8	1.564	2.478	10.7	20.9
2 11	10 21.26	+ 3 18.7	1.553	2.516	6.1	20.7
2 21	10 11.86	+ 4 34.1	1.569	2.554	2.5	20.6
3 2	10 2.82	+ 5 53.0	1.614	2.591	4.7	20.8
3 12	9 55.20	+ 7 7.3	1.687	2.628	8.7	21.1
3 22	9 49.74	+ 8 11.2	1.785	2.664	12.4	21.4

176355 2001 TW_{86} 2 20.5 287°.32 4°.9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.73	+22 9.9	1.770	2.565	15.6	19.7
1 22	10 39.58	+22 41.2	1.674	2.549	12.5	19.5
2 1	10 32.42	+23 16.5	1.599	2.533	8.9	19.2
2 11	10 22.82	+23 48.4	1.550	2.517	5.7	19.0
2 21	10 11.76	+24 9.2	1.529	2.502	5.2	18.9
3 2	10 0.60	+24 12.7	1.535	2.486	8.2	19.1
3 12	9 50.74	+23 56.0	1.567	2.470	12.1	19.3
3 22	9 43.25	+23 19.8	1.622	2.454	15.8	19.5

328310 2008 HZ_{21} 2 20.5 247°.17 14°.2/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	11 0.54	+57 7.3	2.291	3.001	14.9	21.2
1 22	10 54.41	+59 6.3	2.242	2.985	14.3	21.1
2 1	10 43.53	+60 47.2	2.213	2.968	14.2	21.1
2 11	10 28.64	+61 57.8	2.204	2.951	14.5	21.1
2 21	10 11.45	+62 29.0	2.215	2.934	15.3	21.1
3 2	9 54.46	+62 16.9	2.244	2.916	16.4	21.2
3 12	9 40.10	+61 24.2	2.289	2.897	17.6	21.2
3 22	9 29.89	+59 58.3	2.348	2.878	18.7	21.3

373374 2012 LD_{19} 2 20.5 249°.73 0°.0/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.83	+ 7 48.0	2.038	2.806	14.8	21.5
1 22	10 32.71	+ 8 21.5	1.940	2.799	11.8	21.3
2 1	10 27.33	+ 9 10.2	1.863	2.792	8.2	21.1
2 11	10 20.15	+10 10.4	1.812	2.786	4.1	20.8
2 21	10 11.91	+11 16.5	1.790	2.779	0.2	20.4
3 2	10 3.56	+12 22.1	1.797	2.771	4.6	20.8
3 12	9 56.13	+13 20.7	1.832	2.764	8.8	21.0
3 22	9 50.40	+14 7.8	1.892	2.757	12.4	21.2

340621 2006 QW_{106} 2 20.5 150°.83 0°.4/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.90	+ 9 12.4	2.549	3.300	12.6	20.9
1 22	10 34.47	+ 9 10.8	2.454	3.304	10.0	20.7
2 1	10 28.15	+ 9 18.0	2.383	3.307	7.0	20.5
2 11	10 20.41	+ 9 31.6	2.339	3.311	3.6	20.3
2 21	10 11.91	+ 9 48.7	2.325	3.314	0.4	20.0
3 2	10 3.42	+10 5.8	2.342	3.317	3.7	20.3
3 12	9 55.75	+10 19.8	2.388	3.319	7.0	20.5
3 22	9 49.52	+10 28.2	2.461	3.322	10.1	20.7

429919 2012 TR_{185} 2 20.5 9°.39 0°.5/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.81	+11 49.1	2.258	3.025	13.5	20.9
1 22	10 34.71	+11 54.0	2.165	3.025	10.7	20.7
2 1	10 28.49	+12 7.5	2.095	3.026	7.4	20.4
2 11	10 20.64	+12 26.3	2.052	3.026	3.6	20.2
2 21	10 11.90	+12 46.5	2.037	3.026	0.6	20.0
3 2	10 3.18	+13 4.1	2.053	3.026	4.3	20.3
3 12	9 55.38	+13 15.6	2.097	3.026	8.0	20.5
3 22	9 49.22	+13 18.7	2.167	3.026	11.3	20.7

467882 2011 DQ_{21} 2 20.5 61°.80 0°.8/21.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.66	+ 7 0.6	1.908	2.673	15.7	21.9
1 22	10 34.17	+ 7 7.5	1.822	2.678	12.6	21.7
2 1	10 28.30	+ 7 28.6	1.758	2.684	8.9	21.5
2 11	10 20.61	+ 8 1.1	1.719	2.690	4.7	21.2
2 21	10 11.91	+ 8 40.5	1.707	2.696	0.9	21.0
3 2	10 3.25	+ 9 21.3	1.725	2.701	4.5	21.2
3 12	9 55.66	+ 9 58.1	1.770	2.707	8.6	21.5
3 22	9 49.94	+10 26.7	1.840	2.713	12.3	21.7

456992 2008 CM_{35} 2 20.5 346°.80 1°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 33.81	+ 9 58.0	1.434	2.236	18.3	21.2
1 22	10 32.09	+10 38.6	1.350	2.231	14.5	20.9
2 1	10 27.42	+11 38.2	1.286	2.226	10.0	20.6
2 11	10 20.38	+12 51.1	1.245	2.222	4.9	20.3
2 21	10 11.93	+14 8.8	1.230	2.218	1.5	20.1
3 2	10 3.40	+15 21.3	1.242	2.215	6.4	20.4
3 12	9 56.20	+16 20.1	1.278	2.213	11.5	20.7
3 22	9 51.35	+17 0.0	1.336	2.212	15.9	20.9

248698 2006 KX_{120} 2 20.5 311°.53 6°.6/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.85	− 9 38.0	2.040	2.730	17.1	20.2
1 22	10 30.44	−10 0.5	1.935	2.720	14.8	20.0
2 1	10 25.83	− 9 59.6	1.847	2.711	12.2	19.8
2 11	10 19.45	− 9 33.4	1.782	2.702	9.3	19.6
2 21	10 11.99	− 8 42.2	1.742	2.694	7.1	19.5
3 2	10 4.36	− 7 29.6	1.728	2.685	6.9	19.4
3 12	9 57.57	− 6 2.4	1.742	2.677	8.9	19.5
3 22	9 52.43	− 4 29.1	1.781	2.669	11.9	19.7

28103 Benmcpheron 2 20.5 38°.77 1°.5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.63	+10 32.4	1.222	2.032	20.4	18.3
1 22	10 35.42	+11 10.2	1.156	2.040	16.2	18.0
2 1	10 29.83	+12 7.3	1.108	2.050	11.0	17.8
2 11	10 21.57	+13 16.8	1.083	2.060	5.4	17.5
2 21	10 11.88	+14 28.8	1.083	2.070	1.7	17.3
3 2	10 2.36	+15 32.6	1.108	2.081	7.0	17.6
3 12	9 54.56	+16 20.0	1.157	2.093	12.3	18.0
3 22	9 49.55	+16 47.1	1.227	2.105	16.9	18.3

101772 1999 FY_{59} 2 20.5 310°.60 3°.2/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.79	+18 37.9	1.705	2.497	16.2	18.5
1 22	10 39.57	+18 46.7	1.613	2.488	12.9	18.3
2 1	10 32.37	+19 0.8	1.543	2.479	9.0	18.0
2 11	10 22.79	+19 14.3	1.498	2.470	4.9	17.8
2 21	10 11.84	+19 21.2	1.480	2.462	3.4	17.6
3 2	10 0.87	+19 16.1	1.490	2.454	6.9	17.8
3 12	9 51.26	+18 56.3	1.527	2.446	11.2	18.1
3 22	9 44.03	+18 21.9	1.587	2.438	15.1	18.3

411354 2010 UR_{81} 2 20.5 62°.86 0°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.11	+10 50.2	1.703	2.486	16.6	21.3
1 22	10 35.64	+11 10.3	1.622	2.491	13.2	21.1
2 1	10 29.50	+11 43.7	1.562	2.496	9.1	20.9
2 11	10 21.28	+12 25.8	1.527	2.502	4.5	20.6
2 21	10 11.92	+13 10.5	1.519	2.508	0.9	20.3
3 2	10 2.62	+13 51.0	1.540	2.513	5.4	20.7
3 12	9 54.59	+14 22.0	1.587	2.519	9.9	21.0
3 22	9 48.69	+14 40.1	1.658	2.525	13.8	21.2

179901 2002 UA_{67} 2 20.5 18°.93 1°.7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 32.89	+ 3 28.1	1.371	2.158	19.7	20.7
1 22	10 31.32	+ 3 50.6	1.296	2.163	16.0	20.5
2 1	10 26.83	+ 4 37.5	1.239	2.169	11.4	20.2
2 11	10 20.05	+ 5 45.6	1.205	2.176	6.3	20.0
2 21	10 11.99	+ 7 7.7	1.196	2.183	1.7	19.7
3 2	10 3.96	+ 8 34.1	1.213	2.192	5.4	20.0
3 12	9 57.32	+ 9 54.2	1.255	2.201	10.5	20.3
3 22	9 53.03	+11 0.4	1.320	2.211	15.0	20.6

431179 2006 SW_{40} 2 20.5 165°.05 0°.6/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.77	+ 6 9.9	2.792	3.536	11.8	22.1
1 22	10 31.12	+ 6 33.3	2.695	3.539	9.4	21.9
2 1	10 25.81	+ 7 7.9	2.622	3.542	6.6	21.7
2 11	10 19.26	+ 7 51.1	2.576	3.545	3.5	21.5
2 21	10 12.03	+ 8 39.6	2.559	3.548	0.6	21.3
3 2	10 4.79	+ 9 29.3	2.574	3.550	3.3	21.5
3 12	9 58.21	+10 15.8	2.619	3.552	6.4	21.7
3 22	9 52.86	+10 56.0	2.691	3.553	9.3	21.9

435926 2009 BZ_{137} 2 20.5 317°.62 0°.5/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.15	+10 24.9	2.099	2.874	14.1	21.5
1 22	10 32.13	+10 44.0	1.999	2.864	11.3	21.3
2 1	10 26.92	+11 14.7	1.922	2.855	7.8	21.0
2 11	10 19.97	+11 53.5	1.871	2.845	3.8	20.8
2 21	10 12.00	+12 35.7	1.848	2.836	0.6	20.5
3 2	10 3.95	+13 15.8	1.854	2.827	4.6	20.8
3 12	9 56.78	+13 49.0	1.887	2.819	8.6	21.0
3 22	9 51.28	+14 11.8	1.946	2.810	12.1	21.2

387128 2012 TA_{190} 2 20.5 97°.70 3°.8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.75	− 3 12.4	2.503	3.209	13.9	20.9
1 22	10 31.28	− 3 20.7	2.411	3.218	11.6	20.8
2 1	10 26.02	− 3 12.8	2.339	3.227	8.9	20.6
2 11	10 19.40	− 2 48.8	2.292	3.236	6.1	20.4
2 21	10 12.04	− 2 11.0	2.274	3.244	4.0	20.3
3 2	10 4.69	− 1 22.8	2.284	3.253	4.4	20.3
3 12	9 58.10	− 0 29.2	2.324	3.261	6.9	20.5
3 22	9 52.86	+ 0 24.8	2.390	3.270	9.6	20.7

422148 2014 QS_{438} 2 20.5 94°.32 3°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.12	+16 27.9	1.857	2.648	15.1	21.6
1 22	10 35.43	+17 23.3	1.783	2.659	11.8	21.4
2 1	10 29.22	+18 27.7	1.732	2.669	8.1	21.2
2 11	10 21.10	+19 34.3	1.707	2.680	4.4	21.0
2 21	10 11.96	+20 35.3	1.711	2.691	3.5	21.0
3 2	10 2.94	+21 23.7	1.743	2.701	6.7	21.2
3 12	9 55.13	+21 55.3	1.802	2.712	10.4	21.4
3 22	9 49.35	+22 8.6	1.884	2.722	13.7	21.6

42748 Andrisani 2 20.5 173°.56 0°.2/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.93	+ 7 41.5	2.820	3.564	11.6	20.5
1 22	10 32.79	+ 8 7.6	2.722	3.567	9.3	20.4
2 1	10 26.96	+ 8 44.0	2.647	3.570	6.4	20.2
2 11	10 19.85	+ 9 28.0	2.601	3.572	3.3	20.0
2 21	10 12.03	+10 16.0	2.585	3.574	0.2	19.7
3 2	10 4.19	+11 3.7	2.600	3.575	3.4	20.0
3 12	9 57.03	+11 47.3	2.646	3.575	6.6	20.2
3 22	9 51.14	+12 23.5	2.719	3.575	9.4	20.4

136805 1997 EM_{30} 2 20.5 210°.59 0°.3/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.08	+ 7 34.6	2.041	2.800	15.0	21.7
1 22	10 35.29	+ 7 57.7	1.941	2.795	12.0	21.5
2 1	10 29.13	+ 8 35.2	1.864	2.790	8.4	21.3
2 11	10 21.10	+ 9 23.9	1.812	2.784	4.3	21.0
2 21	10 11.97	+10 18.9	1.789	2.778	0.3	20.7
3 2	10 2.72	+11 14.0	1.795	2.771	4.6	21.0
3 12	9 54.42	+12 3.3	1.831	2.763	8.7	21.2
3 22	9 47.91	+12 42.5	1.891	2.755	12.5	21.4

194284 2001 UB_{47} 2 20.5 23°.15 0°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.22	+ 7 23.8	1.100	1.914	21.9	19.4
1 22	10 33.00	+ 7 45.2	1.037	1.923	17.5	19.1
2 1	10 28.31	+ 8 30.3	0.991	1.932	12.1	18.8
2 11	10 20.88	+ 9 33.8	0.967	1.943	6.1	18.5
2 21	10 11.98	+10 46.4	0.966	1.955	0.3	18.2
3 2	10 3.25	+11 56.8	0.989	1.968	6.5	18.6
3 12	9 56.32	+12 54.7	1.035	1.982	12.2	19.0
3 22	9 52.24	+13 34.3	1.102	1.997	17.0	19.3

382308 2013 PD_{12} 2 20.5 98°.94 3°.4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.30	− 0 10.8	2.161	2.885	15.3	20.8
1 22	10 34.33	− 0 24.9	2.075	2.898	12.6	20.6
2 1	10 28.23	− 0 22.7	2.011	2.912	9.4	20.5
2 11	10 20.55	− 0 4.8	1.971	2.925	6.1	20.3
2 21	10 12.01	+ 0 26.3	1.960	2.937	3.5	20.1
3 2	10 3.51	+ 1 6.5	1.977	2.950	4.5	20.2
3 12	9 55.98	+ 1 50.6	2.024	2.962	7.6	20.4
3 22	9 50.11	+ 2 33.4	2.096	2.975	10.8	20.7

65795 1995 WQ_{27} 2 20.5 28°.43 0°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.11	+ 9 45.2	1.942	2.720	15.0	20.1
1 22	10 32.10	+10 3.6	1.863	2.730	11.9	20.0
2 1	10 26.84	+10 34.2	1.806	2.739	8.2	19.7
2 11	10 19.89	+11 13.3	1.775	2.750	4.0	19.5
2 21	10 12.04	+11 55.7	1.772	2.760	0.4	19.2
3 2	10 4.28	+12 35.9	1.797	2.772	4.6	19.6
3 12	9 57.57	+13 8.9	1.849	2.783	8.6	19.8
3 22	9 52.63	+13 31.5	1.926	2.795	12.1	20.1

80139 1999 TA_{46} 2 20.5 42°.18 2°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.46	+ 2 23.2	1.357	2.131	20.6	19.8
1 22	10 35.88	+ 2 18.6	1.276	2.133	16.9	19.6
2 1	10 30.13	+ 2 37.8	1.212	2.135	12.4	19.3
2 11	10 21.80	+ 3 19.2	1.170	2.137	7.3	19.0
2 21	10 11.96	+ 4 18.0	1.153	2.139	3.1	18.8
3 2	10 2.06	+ 5 26.2	1.163	2.141	5.8	18.9
3 12	9 53.63	+ 6 33.9	1.197	2.143	10.9	19.2
3 22	9 47.77	+ 7 32.9	1.254	2.146	15.6	19.5

352720 2008 SX_{222} 2 20.5 207°.88 0°.0/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.21	+ 9 9.7	1.793	2.559	16.6	22.3
1 22	10 38.94	+ 9 23.7	1.696	2.554	13.3	22.1
2 1	10 31.89	+ 9 51.8	1.620	2.548	9.3	21.8
2 11	10 22.58	+10 30.4	1.569	2.542	4.7	21.5
2 21	10 11.92	+11 14.3	1.546	2.535	0.2	21.1
3 2	10 1.14	+11 56.8	1.553	2.527	5.2	21.5
3 12	9 51.50	+12 32.1	1.587	2.519	9.9	21.8
3 22	9 44.02	+12 56.2	1.646	2.509	14.0	22.0

433635 2014 AD_{2} 2 20.5 194°.43 4°.8/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.90	+23 59.0	2.628	3.418	11.2	21.1
1 22	10 32.35	+25 19.9	2.545	3.417	8.9	20.9
2 1	10 26.86	+26 44.0	2.488	3.415	6.5	20.7
2 11	10 19.88	+28 4.5	2.458	3.414	4.9	20.6
2 21	10 12.06	+29 15.1	2.459	3.412	5.2	20.7
3 2	10 4.20	+30 10.4	2.488	3.409	7.2	20.8
3 12	9 57.12	+30 47.1	2.545	3.407	9.6	20.9
3 22	9 51.50	+31 4.8	2.625	3.404	11.9	21.1

436910 2012 TA_{82} 2 20.5 67°.12 4°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 32.84	− 5 54.5	2.304	3.005	15.1	20.7
1 22	10 30.00	− 5 42.9	2.211	3.013	12.7	20.6
2 1	10 25.26	− 5 10.6	2.138	3.021	9.9	20.4
2 11	10 19.08	− 4 18.1	2.090	3.029	6.9	20.2
2 21	10 12.11	− 3 8.2	2.069	3.037	4.5	20.1
3 2	10 5.13	− 1 45.8	2.077	3.046	4.8	20.1
3 12	9 58.96	− 0 17.8	2.114	3.054	7.2	20.3
3 22	9 54.23	+ 1 9.0	2.177	3.062	10.2	20.5

140048 2001 SF_{84} 2 20.5 343°.08 0°.5/20.3 18

1 12	10 41.65	+14 15.4	1.288	2.096	19.7	17.9
1 22	10 38.81	+13 37.4	1.200	2.082	15.8	17.7
2 1	10 32.41	+13 6.5	1.130	2.070	11.1	17.3
2 11	10 23.05	+12 39.2	1.083	2.059	5.6	17.0
2 21	10 11.91	+12 11.7	1.061	2.049	0.7	16.6
3 2	10 0.66	+11 40.2	1.064	2.041	6.5	17.0
3 12	9 51.05	+11 1.9	1.092	2.034	12.1	17.3
3 22	9 44.35	+10 16.3	1.141	2.029	17.1	17.5

288837 2004 RC_{195} 2 20.5 128°.10 1°.1/19.7 18

1 12	10 44.48	+11 44.9	1.867	2.635	15.9	21.9
1 22	10 39.53	+12 9.9	1.790	2.651	12.6	21.7
2 1	10 31.99	+12 46.3	1.735	2.666	8.6	21.5
2 11	10 22.48	+13 29.1	1.707	2.681	4.2	21.3
2 21	10 11.96	+14 12.2	1.707	2.695	1.2	21.1
3 2	10 1.59	+14 49.7	1.737	2.708	5.3	21.4
3 12	9 52.53	+15 16.9	1.796	2.721	9.4	21.7
3 22	9 45.57	+15 31.5	1.879	2.732	13.0	21.9

233622 2007 TJ_{236} 2 20.5 121°.52 0°.2/20.4 17

1 12	10 35.50	+ 9 0.3	2.320	3.084	13.3	21.6
1 22	10 32.08	+ 9 27.6	2.229	3.087	10.5	21.5
2 1	10 26.70	+10 6.6	2.161	3.090	7.3	21.3
2 11	10 19.81	+10 53.8	2.119	3.092	3.6	21.0
2 21	10 12.09	+11 44.7	2.106	3.095	0.3	20.7
3 2	10 4.36	+12 34.0	2.124	3.098	4.1	21.1
3 12	9 57.47	+13 17.0	2.170	3.100	7.7	21.3
3 22	9 52.08	+13 50.4	2.242	3.103	10.9	21.5

307613 2003 QB_{80} 2 20.5 167°.72 1°.9/22.0 18

1 12	10 41.61	+ 4 24.0	1.925	2.672	16.2	21.6
1 22	10 37.34	+ 4 21.2	1.833	2.676	13.2	21.4
2 1	10 30.56	+ 4 34.0	1.762	2.679	9.5	21.2
2 11	10 21.83	+ 5 0.4	1.716	2.682	5.4	21.0
2 21	10 11.99	+ 5 37.0	1.698	2.684	2.0	20.7
3 2	10 2.11	+ 6 18.4	1.709	2.685	4.6	20.9
3 12	9 53.32	+ 6 59.0	1.749	2.687	8.7	21.2
3 22	9 46.47	+ 7 34.0	1.814	2.687	12.5	21.4

373874 2003 SL_{87} 2 20.5 125°.74 5°.2/15.5 18

1 12	10 42.40	+26 8.6	2.371	3.155	12.5	21.3
1 22	10 37.50	+27 2.7	2.300	3.167	9.9	21.2
2 1	10 30.37	+27 56.6	2.255	3.178	7.3	21.0
2 11	10 21.60	+28 43.7	2.236	3.190	5.5	20.9
2 21	10 12.01	+29 17.9	2.247	3.201	5.6	20.9
3 2	10 2.58	+29 35.0	2.287	3.211	7.6	21.1
3 12	9 54.26	+29 33.3	2.353	3.221	10.1	21.2
3 22	9 47.74	+29 14.0	2.444	3.231	12.5	21.4

83866 2001 UY_{74} 2 20.5 87°.80 1°.1/21.7 18

1 12	10 34.42	+ 4 33.7	2.393	3.141	13.4	19.9
1 22	10 31.12	+ 4 56.1	2.305	3.149	10.8	19.7
2 1	10 25.96	+ 5 32.3	2.239	3.158	7.6	19.5
2 11	10 19.42	+ 6 19.7	2.199	3.167	4.2	19.3
2 21	10 12.11	+ 7 14.5	2.188	3.175	1.2	19.1
3 2	10 4.83	+ 8 11.6	2.207	3.184	3.6	19.3
3 12	9 58.35	+ 9 5.9	2.255	3.192	7.1	19.5
3 22	9 53.29	+ 9 53.3	2.330	3.201	10.2	19.7

380261 2001 XU_{241} 2 20.5 78°.28 4°.0/16.3 17

1 12	10 36.67	+21 15.8	2.353	3.144	12.3	20.5
1 22	10 33.05	+22 12.4	2.275	3.149	9.7	20.3
2 1	10 27.37	+23 13.0	2.222	3.155	6.8	20.1
2 11	10 20.13	+24 11.5	2.195	3.160	4.5	20.0
2 21	10 12.08	+25 1.7	2.198	3.166	4.4	20.0
3 2	10 4.08	+25 38.5	2.230	3.172	6.6	20.1
3 12	9 57.01	+25 59.0	2.288	3.177	9.4	20.3
3 22	9 51.56	+26 2.5	2.371	3.183	12.1	20.5

496608 2015 ES_{9} 2 20.5 54°.49 4°.6/17.0 18

1 12	10 42.85	+23 24.1	1.994	2.785	14.2	20.2
1 22	10 38.13	+23 55.1	1.927	2.800	11.2	20.1
2 1	10 30.92	+24 27.2	1.883	2.815	8.0	19.9
2 11	10 21.89	+24 53.9	1.866	2.830	5.2	19.7
2 21	10 12.00	+25 9.2	1.876	2.845	4.9	19.8
3 2	10 2.38	+25 9.0	1.915	2.860	7.3	19.9
3 12	9 54.09	+24 51.9	1.981	2.876	10.4	20.1
3 22	9 47.86	+24 19.1	2.071	2.892	13.2	20.4

421430 2014 BN_{51} 2 20.5 255°.43 3°.8/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.25	+19 44.5	2.410	3.199	12.1	20.6
1 22	10 31.98	+20 50.3	2.321	3.195	9.5	20.4
2 1	10 26.69	+22 2.0	2.256	3.191	6.7	20.2
2 11	10 19.84	+23 13.8	2.220	3.187	4.2	20.0
2 21	10 12.10	+24 19.0	2.212	3.182	4.1	20.0
3 2	10 4.32	+25 11.8	2.234	3.178	6.5	20.2
3 12	9 57.36	+25 48.5	2.283	3.173	9.4	20.3
3 22	9 51.93	+26 7.7	2.357	3.169	12.1	20.5

421629 2014 OZ_{295} 2 20.5 183°.29 0°.7/21.2 18

1 12	10 40.25	+ 6 25.4	2.074	2.826	15.0	22.3
1 22	10 36.12	+ 6 44.2	1.978	2.827	12.1	22.1
2 1	10 29.66	+ 7 17.6	1.904	2.827	8.5	21.8
2 11	10 21.37	+ 8 2.8	1.856	2.826	4.5	21.6
2 21	10 12.03	+ 8 54.9	1.837	2.825	0.7	21.3
3 2	10 2.63	+ 9 48.4	1.848	2.823	4.4	21.6
3 12	9 54.20	+10 37.3	1.887	2.821	8.4	21.8
3 22	9 47.55	+11 17.4	1.953	2.818	12.1	22.0

496789 2017 HG_{18} 2 20.5 240°.97 1°.9/19.1 18

1 12	10 39.73	+12 19.3	1.679	2.466	16.7	22.3
1 22	10 36.46	+13 2.5	1.585	2.457	13.2	22.0
2 1	10 30.34	+14 0.6	1.512	2.448	9.1	21.8
2 11	10 21.88	+15 7.8	1.464	2.439	4.5	21.5
2 21	10 12.01	+16 16.2	1.443	2.429	2.2	21.3
3 2	10 1.97	+17 17.4	1.451	2.419	6.4	21.5
3 12	9 53.11	+18 4.2	1.485	2.409	11.1	21.8
3 22	9 46.48	+18 33.1	1.542	2.398	15.2	22.0

283148 2008 YF_{134} 2 20.5 242°.51 3°.6/23.0 18

1 12	10 39.96	+ 1 3.4	1.677	2.425	18.2	21.2
1 22	10 36.60	+ 0 45.4	1.577	2.416	15.1	20.9
2 1	10 30.43	+ 0 46.9	1.497	2.408	11.3	20.7
2 11	10 21.94	+ 1 7.8	1.439	2.399	7.1	20.4
2 21	10 12.01	+ 1 45.7	1.408	2.390	3.8	20.2
3 2	10 1.86	+ 2 35.4	1.405	2.380	5.5	20.3
3 12	9 52.81	+ 3 29.5	1.428	2.370	9.8	20.5
3 22	9 45.93	+ 4 20.9	1.475	2.360	14.1	20.7

335934 2007 TE_{33} 2 20.6 95°.62 0°.1/20.6 18

1 12	10 36.68	+ 8 23.1	2.442	3.197	12.9	21.8
1 22	10 32.79	+ 8 47.6	2.362	3.215	10.2	21.7
2 1	10 27.04	+ 9 23.1	2.305	3.231	7.0	21.5
2 11	10 19.93	+10 6.2	2.276	3.248	3.5	21.3
2 21	10 12.13	+10 52.6	2.276	3.265	0.2	21.0
3 2	10 4.41	+11 37.8	2.306	3.281	3.8	21.3
3 12	9 57.55	+12 17.5	2.366	3.297	7.1	21.6
3 22	9 52.14	+12 48.6	2.452	3.313	10.1	21.8

95272 2002 CB_{70} 2 20.6 73°.04 0°.2/20.4 18

1 12	10 41.13	+10 46.0	1.877	2.649	15.7	19.8
1 22	10 36.97	+10 45.6	1.793	2.655	12.5	19.6
2 1	10 30.28	+10 55.8	1.731	2.662	8.6	19.4
2 11	10 21.68	+11 13.4	1.695	2.668	4.3	19.2
2 21	10 12.04	+11 33.8	1.686	2.675	0.3	18.8
3 2	10 2.48	+11 52.3	1.707	2.682	4.8	19.2
3 12	9 54.10	+12 4.7	1.755	2.688	9.0	19.5
3 22	9 47.72	+12 8.4	1.828	2.695	12.7	19.7

491709 2012 UD_{129} 2 20.6 92°.70 0°.7/19.9 17

1 12	10 39.07	+12 28.1	2.481	3.244	12.6	21.5
1 22	10 34.63	+12 36.6	2.398	3.256	9.9	21.3
2 1	10 28.29	+12 52.5	2.338	3.268	6.7	21.1
2 11	10 20.55	+13 12.4	2.306	3.280	3.3	20.9
2 21	10 12.10	+13 32.8	2.304	3.292	0.8	20.7
3 2	10 3.74	+13 50.0	2.332	3.304	4.0	21.0
3 12	9 56.27	+14 0.9	2.390	3.315	7.4	21.2
3 22	9 50.31	+14 3.9	2.473	3.327	10.3	21.4

373294 2012 HR_{58} 2 20.6 356°.15 0°.3/20.3 18

1 12	10 35.70	+ 8 26.5	1.712	2.494	16.6	21.5
1 22	10 33.05	+ 9 0.6	1.625	2.493	13.2	21.3
2 1	10 27.82	+ 9 51.6	1.558	2.492	9.2	21.1
2 11	10 20.54	+10 55.1	1.517	2.492	4.6	20.8
2 21	10 12.09	+12 4.2	1.503	2.491	0.5	20.5
3 2	10 3.60	+13 11.2	1.516	2.491	5.3	20.8
3 12	9 56.24	+14 8.8	1.557	2.491	9.8	21.1
3 22	9 50.90	+14 52.1	1.621	2.492	13.8	21.3

135291 2001 SD_{159} 2 20.6 200°.58 0°.2/20.3 17

1 12	10 37.54	+10 17.4	2.771	3.524	11.6	20.7
1 22	10 33.36	+10 31.3	2.668	3.520	9.2	20.5
2 1	10 27.42	+10 53.7	2.590	3.517	6.4	20.3
2 11	10 20.15	+11 21.7	2.540	3.513	3.2	20.1
2 21	10 12.12	+11 52.0	2.520	3.509	0.3	19.8
3 2	10 4.05	+12 20.9	2.531	3.504	3.6	20.1
3 12	9 56.69	+12 45.1	2.571	3.499	6.8	20.3
3 22	9 50.61	+13 2.2	2.639	3.493	9.7	20.5

308690 2006 DN_{144} 2 20.6 260°.26 1°.2/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.92	+11 30.1	1.725	2.505	16.6	21.7
1 22	10 37.43	+11 53.9	1.620	2.488	13.3	21.4
2 1	10 31.06	+12 31.7	1.537	2.471	9.2	21.1
2 11	10 22.29	+13 18.9	1.479	2.454	4.6	20.8
2 21	10 12.01	+14 9.3	1.448	2.436	1.3	20.5
3 2	10 1.44	+14 55.4	1.445	2.417	5.9	20.8
3 12	9 51.96	+15 30.7	1.470	2.399	10.8	21.0
3 22	9 44.68	+15 51.5	1.518	2.380	15.1	21.2

318614 2005 JD_{74} 2 20.6 108°.04 4°.8/15.6 18

1 12	10 38.11	+23 44.0	2.350	3.141	12.3	20.3
1 22	10 34.22	+24 45.7	2.275	3.148	9.8	20.1
2 1	10 28.19	+25 49.7	2.225	3.154	7.1	20.0
2 11	10 20.57	+26 49.2	2.202	3.161	5.0	19.8
2 21	10 12.10	+27 38.1	2.208	3.168	5.2	19.9
3 2	10 3.71	+28 11.4	2.242	3.174	7.3	20.0
3 12	9 56.30	+28 26.4	2.304	3.180	9.9	20.2
3 22	9 50.57	+28 23.3	2.389	3.187	12.4	20.3

410327 2007 UT_{12} 2 20.6 200°.30 1°.2/19.5 17

1 12	10 41.22	+11 28.3	2.049	2.817	14.7	22.6
1 22	10 37.01	+12 4.3	1.952	2.813	11.7	22.4
2 1	10 30.35	+12 52.5	1.877	2.809	8.0	22.2
2 11	10 21.76	+13 48.2	1.829	2.803	4.0	21.9
2 21	10 12.04	+14 45.6	1.810	2.798	1.4	21.7
3 2	10 2.23	+15 38.0	1.822	2.791	5.2	22.0
3 12	9 53.40	+16 20.1	1.861	2.784	9.3	22.2
3 22	9 46.44	+16 48.6	1.926	2.776	12.9	22.4

53957 2000 GJ_{61} 2 20.6 128°.06 1°.8/19.1 18

1 12	10 40.71	+13 35.2	1.943	2.721	15.0	19.6
1 22	10 36.58	+14 6.8	1.862	2.729	11.8	19.3
2 1	10 29.99	+14 48.5	1.803	2.737	8.1	19.1
2 11	10 21.53	+15 35.0	1.770	2.745	4.0	18.9
2 21	10 12.06	+16 20.2	1.766	2.752	1.9	18.8
3 2	10 2.67	+16 58.1	1.792	2.759	5.5	19.0
3 12	9 54.43	+17 24.3	1.845	2.766	9.4	19.3
3 22	9 48.14	+17 36.6	1.922	2.773	12.9	19.5

495371 2014 OU_{231} 2 20.6 172°.37 0°.2/20.7 18

1 12	10 41.20	+ 8 13.8	2.089	2.845	14.8	22.9
1 22	10 36.83	+ 8 33.5	1.996	2.848	11.8	22.7
2 1	10 30.12	+ 9 6.4	1.925	2.851	8.3	22.5
2 11	10 21.60	+ 9 48.9	1.881	2.853	4.2	22.2
2 21	10 12.06	+10 36.3	1.866	2.855	0.2	21.9
3 2	10 2.50	+11 22.9	1.881	2.856	4.5	22.2
3 12	9 53.94	+12 3.5	1.925	2.856	8.5	22.5
3 22	9 47.18	+12 34.5	1.995	2.856	12.1	22.7

141124 2001 XU_{82} 2 20.6 111°.86 2°.4/22.6 18

1 12	10 40.68	+ 1 17.0	1.748	2.491	17.8	20.4
1 22	10 36.70	+ 1 35.3	1.671	2.510	14.4	20.2
2 1	10 30.14	+ 2 14.6	1.615	2.528	10.5	20.0
2 11	10 21.62	+ 3 12.3	1.583	2.546	6.1	19.8
2 21	10 12.06	+ 4 23.1	1.578	2.563	2.5	19.6
3 2	10 2.62	+ 5 39.7	1.603	2.579	4.7	19.8
3 12	9 54.44	+ 6 53.8	1.655	2.595	8.9	20.1
3 22	9 48.33	+ 7 59.1	1.733	2.610	12.7	20.3

148794 2001 UF_{62} 2 20.6 274°.82 0°.3/20.3 18

1 12	10 38.53	+ 9 57.1	1.841	2.617	15.8	20.4
1 22	10 35.13	+10 13.1	1.748	2.612	12.6	20.1
2 1	10 29.19	+10 42.3	1.676	2.608	8.8	19.9
2 11	10 21.22	+11 21.0	1.629	2.603	4.4	19.6
2 21	10 12.08	+12 3.7	1.610	2.598	0.5	19.3
3 2	10 2.87	+12 44.4	1.619	2.594	5.0	19.6
3 12	9 54.73	+13 17.5	1.656	2.589	9.5	19.9
3 22	9 48.57	+13 39.4	1.717	2.584	13.4	20.1

131132 2001 BW_{36} 2 20.6 324°.23 2°.5/18.6 18

1 12	10 35.96	+12 16.5	1.515	2.316	17.5	20.0
1 22	10 33.72	+13 15.1	1.430	2.311	13.8	19.8
2 1	10 28.56	+14 31.0	1.366	2.307	9.5	19.5
2 11	10 21.03	+15 57.1	1.326	2.302	4.8	19.2
2 21	10 12.09	+17 23.9	1.313	2.298	2.8	19.1
3 2	10 3.06	+18 41.1	1.327	2.294	7.1	19.3
3 12	9 55.32	+19 40.6	1.366	2.290	11.8	19.6
3 22	9 49.90	+20 18.2	1.427	2.287	16.0	19.8

428007 2006 BA_{86} 2 20.6 129°.80 2°.0/18.6 18

1 12	10 36.63	+13 5.8	2.090	2.870	14.0	21.4
1 22	10 33.26	+14 0.1	2.005	2.875	11.0	21.2
2 1	10 27.67	+15 5.6	1.944	2.879	7.5	21.0
2 11	10 20.37	+16 16.8	1.909	2.884	3.8	20.8
2 21	10 12.13	+17 27.0	1.903	2.888	2.2	20.7
3 2	10 3.89	+18 29.4	1.927	2.892	5.5	20.9
3 12	9 56.63	+19 18.8	1.979	2.896	9.2	21.1
3 22	9 51.09	+19 52.4	2.055	2.900	12.4	21.3

429873 2012 SZ_{31} 2 20.6 144°.62 2°.3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.02	+ 0 14.0	2.453	3.180	13.6	21.2
1 22	10 30.82	+ 0 34.4	2.356	3.184	11.2	21.1
2 1	10 25.80	+ 1 11.1	2.281	3.187	8.2	20.9
2 11	10 19.38	+ 2 2.6	2.232	3.190	5.0	20.7
2 21	10 12.18	+ 3 5.4	2.211	3.193	2.4	20.5
3 2	10 4.95	+ 4 14.5	2.220	3.196	3.7	20.6
3 12	9 58.46	+ 5 24.2	2.259	3.199	6.9	20.8
3 22	9 53.35	+ 6 29.4	2.325	3.202	10.0	21.0

124700 2001 SZ_{142} 2 20.6 270°.42 3°.4/22.8 18

1 12	10 38.89	+ 1 37.3	1.580	2.337	18.8	20.5
1 22	10 36.07	+ 1 24.8	1.474	2.320	15.6	20.2
2 1	10 30.30	+ 1 33.1	1.387	2.303	11.7	19.9
2 11	10 22.00	+ 2 2.3	1.323	2.285	7.2	19.6
2 21	10 12.04	+ 2 49.5	1.284	2.267	3.5	19.4
3 2	10 1.71	+ 3 48.9	1.272	2.249	5.7	19.4
3 12	9 52.46	+ 4 52.2	1.287	2.231	10.5	19.7
3 22	9 45.46	+ 5 51.3	1.325	2.212	15.2	19.9

88159 2000 XA_{17} 2 20.6 114°.31 0°.5/21.0 18

1 12	10 40.22	+ 8 2.6	2.181	2.935	14.3	19.8
1 22	10 35.82	+ 8 9.2	2.097	2.948	11.4	19.7
2 1	10 29.27	+ 8 27.3	2.036	2.961	8.0	19.5
2 11	10 21.11	+ 8 54.1	2.002	2.973	4.1	19.2
2 21	10 12.11	+ 9 25.6	1.997	2.985	0.5	19.0
3 2	10 3.19	+ 9 57.3	2.022	2.997	4.1	19.3
3 12	9 55.27	+10 24.9	2.075	3.009	7.8	19.5
3 22	9 49.06	+10 45.3	2.155	3.020	11.1	19.8

465962 2011 BP_{105} 2 20.6 172°.91 0°.7/21.3 16

1 12	10 36.34	+ 5 4.2	2.265	3.014	14.0	22.2
1 22	10 32.84	+ 5 42.4	2.169	3.016	11.2	22.0
2 1	10 27.30	+ 6 36.3	2.096	3.018	7.9	21.8
2 11	10 20.17	+ 7 42.7	2.050	3.020	4.2	21.5
2 21	10 12.16	+ 8 56.4	2.032	3.021	0.7	21.3
3 2	10 4.09	+10 11.5	2.046	3.021	4.0	21.5
3 12	9 56.86	+11 21.5	2.088	3.022	7.8	21.8
3 22	9 51.16	+12 21.7	2.157	3.022	11.1	22.0

196326 2003 FM_{49} 2 20.6 308°.68 2°.5/18.9 18

1 12	10 36.87	+13 9.6	1.342	2.152	18.9	19.9
1 22	10 35.02	+13 46.8	1.249	2.135	15.1	19.6
2 1	10 29.86	+14 41.1	1.176	2.118	10.4	19.2
2 11	10 21.86	+15 46.1	1.125	2.102	5.3	18.9
2 21	10 12.06	+16 52.6	1.100	2.086	2.8	18.7
3 2	10 1.97	+17 50.1	1.100	2.070	7.7	18.9
3 12	9 53.26	+18 30.1	1.124	2.055	13.1	19.2
3 22	9 47.22	+18 48.6	1.169	2.041	18.0	19.4

297622 2001 TB_{40} 2 20.6 184°.99 11°.1/ 1.9 18

1 12	10 42.63	−21 47.3	2.248	2.822	18.2	20.9
1 22	10 38.17	−23 6.2	2.148	2.823	16.7	20.7
2 1	10 31.23	−24 1.5	2.063	2.822	14.9	20.6
2 11	10 22.28	−24 27.9	1.997	2.821	13.1	20.4
2 21	10 12.06	−24 22.0	1.954	2.819	11.7	20.3
3 2	10 1.60	−23 43.5	1.935	2.816	11.1	20.3
3 12	9 52.03	−22 36.6	1.941	2.812	11.7	20.3
3 22	9 44.25	−21 9.2	1.972	2.808	13.2	20.4

435197 2007 RS_{118} 2 20.6 118°.27 0°.8/21.4 17

1 12	10 35.87	+ 5 44.9	2.516	3.262	12.8	21.8
1 22	10 32.16	+ 6 6.8	2.428	3.273	10.3	21.7
2 1	10 26.64	+ 6 41.1	2.364	3.284	7.2	21.5
2 11	10 19.77	+ 7 25.1	2.326	3.295	3.8	21.3
2 21	10 12.19	+ 8 14.9	2.317	3.305	0.8	21.1
3 2	10 4.64	+ 9 6.0	2.340	3.316	3.5	21.3
3 12	9 57.88	+ 9 53.6	2.391	3.326	6.9	21.5
3 22	9 52.51	+10 34.3	2.470	3.336	9.9	21.7

402179 2004 TV_{50} 2 20.6 194°.97 1°.4/19.5 18

1 12	10 42.68	+12 20.2	1.909	2.681	15.5	22.0
1 22	10 38.33	+12 49.3	1.815	2.679	12.3	21.8
2 1	10 31.37	+13 30.0	1.744	2.676	8.4	21.5
2 11	10 22.32	+14 17.7	1.699	2.673	4.2	21.3
2 21	10 12.07	+15 5.9	1.682	2.669	1.6	21.1
3 2	10 1.75	+15 48.4	1.695	2.665	5.5	21.3
3 12	9 52.55	+16 19.8	1.736	2.659	9.8	21.6
3 22	9 45.39	+16 37.4	1.801	2.654	13.6	21.8

149616 2004 EN_{13} 2 20.6 241°.20 1°.2/19.6 17

1 12	10 39.26	+11 53.1	1.971	2.746	14.9	21.0
1 22	10 35.62	+12 22.4	1.871	2.737	11.9	20.8
2 1	10 29.50	+13 3.6	1.794	2.728	8.2	20.5
2 11	10 21.40	+13 52.4	1.743	2.718	4.0	20.2
2 21	10 12.11	+14 43.0	1.720	2.708	1.4	20.0
3 2	10 2.70	+15 28.8	1.727	2.697	5.3	20.3
3 12	9 54.28	+16 4.5	1.761	2.687	9.5	20.5
3 22	9 47.73	+16 27.0	1.820	2.676	13.3	20.7

462041 2007 DL_8 2 20.6 313°.24 0°.7/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 46.13	+ 3 35.0	2.185	2.909	15.2	22.4
1 22	10 41.79	+ 4 23.9	2.004	2.834	12.7	22.0
2 1	10 34.55	+ 5 37.1	1.844	2.758	9.3	21.7
2 11	10 24.47	+ 7 14.6	1.711	2.679	5.1	21.2
2 21	10 11.95	+ 9 13.0	1.609	2.598	0.7	20.7
3 2	9 57.93	+11 24.5	1.541	2.514	5.5	20.9
3 12	9 43.73	+13 38.1	1.505	2.428	11.1	21.0
3 22	9 30.81	+15 42.9	1.498	2.339	16.4	21.1

10874 Locatelli 2 20.6 195°.03 0°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.10	+ 9 15.2	2.087	2.847	14.7	19.7
1 22	10 36.84	+ 9 42.6	1.989	2.845	11.7	19.5
2 1	10 30.21	+10 23.1	1.914	2.842	8.1	19.2
2 11	10 21.71	+11 12.9	1.865	2.838	4.1	19.0
2 21	10 12.11	+12 6.7	1.845	2.833	0.5	18.7
3 2	10 2.43	+12 58.5	1.855	2.828	4.7	19.0
3 12	9 53.71	+13 42.7	1.894	2.822	8.8	19.2
3 22	9 46.79	+14 15.7	1.959	2.816	12.4	19.4

377061 2002 TC_{299} 2 20.6 142°.20 13°.8/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.16	−16 20.0	1.431	2.090	24.4	21.0
1 22	10 42.18	−18 23.7	1.352	2.098	22.0	20.8
2 1	10 34.71	−19 59.4	1.287	2.105	19.2	20.6
2 11	10 24.28	−20 58.3	1.241	2.112	16.5	20.5
2 21	10 11.99	−21 14.1	1.215	2.118	14.4	20.4
3 2	9 59.46	−20 45.6	1.211	2.124	13.8	20.3
3 12	9 48.44	−19 39.9	1.230	2.129	15.0	20.4
3 22	9 40.24	−18 9.3	1.270	2.133	17.4	20.6

14933 1994 YX 2 20.6 65°.80 2°.0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.81	+ 4 35.8	1.664	2.426	17.8	18.2
1 22	10 36.17	+ 4 28.9	1.588	2.440	14.4	18.0
2 1	10 29.87	+ 4 39.2	1.532	2.454	10.3	17.7
2 11	10 21.54	+ 5 4.5	1.501	2.468	5.8	17.5
2 21	10 12.13	+ 5 40.6	1.496	2.482	2.1	17.3
3 2	10 2.85	+ 6 21.6	1.519	2.496	4.8	17.5
3 12	9 54.86	+ 7 1.2	1.569	2.510	9.2	17.8
3 22	9 49.03	+ 7 34.3	1.643	2.525	13.1	18.1

16892 Vaissière 2 20.6 234°.38 0°.8/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.79	+11 35.0	2.682	3.445	11.7	18.6
1 22	10 32.15	+12 5.1	2.577	3.436	9.3	18.5
2 1	10 26.70	+12 44.1	2.496	3.427	6.3	18.2
2 11	10 19.87	+13 28.8	2.443	3.417	3.1	18.0
2 21	10 12.24	+14 14.9	2.420	3.407	1.0	17.8
3 2	10 4.52	+14 58.1	2.427	3.397	4.0	18.0
3 12	9 57.48	+15 34.2	2.464	3.387	7.3	18.2
3 22	9 51.75	+16 0.7	2.527	3.376	10.2	18.4

222377 2001 BH_8 2 20.6 59°.37 3°.4/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.66	+14 57.9	1.233	2.045	20.1	19.7
1 22	10 38.75	+15 42.7	1.166	2.053	15.9	19.5
2 1	10 32.26	+16 42.0	1.119	2.061	10.9	19.2
2 11	10 22.94	+17 46.9	1.094	2.070	5.7	18.9
2 21	10 12.11	+18 46.9	1.095	2.078	3.7	18.8
3 2	10 1.46	+19 31.9	1.121	2.087	8.2	19.1
3 12	9 52.66	+19 55.8	1.170	2.097	13.2	19.4
3 22	9 46.82	+19 57.5	1.241	2.106	17.6	19.7

494931 2008 YL_{114} 2 20.6 355°.33 5°.0/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.34	+17 27.0	1.416	2.230	17.8	21.6
1 22	10 35.08	+18 47.2	1.341	2.229	14.1	21.4
2 1	10 29.65	+20 20.9	1.286	2.228	9.8	21.1
2 11	10 21.65	+21 57.9	1.256	2.228	5.9	20.9
2 21	10 12.16	+23 26.5	1.252	2.227	5.5	20.9
3 2	10 2.66	+24 35.6	1.274	2.227	9.2	21.1
3 12	9 54.65	+25 18.6	1.319	2.227	13.5	21.3
3 22	9 49.21	+25 34.2	1.386	2.228	17.4	21.6

285209 1996 XP_{34} 2 20.6 148°.82 6°.4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.81	+31 29.1	2.541	3.324	11.7	20.9
1 22	10 37.09	+32 30.3	2.470	3.328	9.6	20.8
2 1	10 30.17	+33 28.4	2.423	3.333	7.6	20.7
2 11	10 21.59	+34 16.3	2.404	3.337	6.5	20.6
2 21	10 12.18	+34 48.1	2.412	3.340	6.9	20.6
3 2	10 2.88	+34 59.9	2.449	3.344	8.5	20.8
3 12	9 54.64	+34 50.8	2.511	3.347	10.6	20.9
3 22	9 48.16	+34 22.3	2.596	3.350	12.7	21.0

170037 2002 VB_{31} 2 20.6 146°.07 8°.6/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.05	+39 37.8	2.602	3.375	11.8	19.9
1 22	10 38.32	+41 8.5	2.546	3.382	10.2	19.8
2 1	10 31.15	+42 31.4	2.515	3.388	9.0	19.8
2 11	10 22.13	+43 38.2	2.510	3.394	8.6	19.7
2 21	10 12.15	+44 22.6	2.531	3.400	9.2	19.8
3 2	10 2.29	+44 41.0	2.578	3.405	10.6	19.9
3 12	9 53.60	+44 33.3	2.647	3.411	12.2	20.0
3 22	9 46.87	+44 2.3	2.737	3.415	13.7	20.1

269416 2009 SL_{39} 2 20.6 22°.16 3°.3/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.31	+17 43.8	1.661	2.460	16.3	19.6
1 22	10 36.77	+18 9.9	1.585	2.464	12.9	19.4
2 1	10 30.40	+18 43.3	1.530	2.468	8.9	19.2
2 11	10 21.87	+19 17.6	1.500	2.473	4.8	19.0
2 21	10 12.17	+19 45.8	1.496	2.478	3.5	18.9
3 2	10 2.60	+20 1.8	1.521	2.484	6.9	19.1
3 12	9 54.41	+20 2.3	1.571	2.490	11.0	19.3
3 22	9 48.50	+19 46.6	1.644	2.496	14.6	19.6

82434 2001 OR_2 2 20.6 241°.67 7°.8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.56	− 9 56.3	2.116	2.784	17.1	19.6
1 22	10 36.60	−11 1.4	2.005	2.773	15.0	19.4
2 1	10 30.21	−11 47.8	1.914	2.761	12.5	19.2
2 11	10 21.83	−12 12.1	1.844	2.750	10.0	19.0
2 21	10 12.17	−12 12.3	1.801	2.738	8.2	18.8
3 2	10 2.22	−11 49.4	1.784	2.725	8.1	18.8
3 12	9 53.09	−11 7.6	1.794	2.712	9.9	18.9
3 22	9 45.68	−10 13.6	1.829	2.699	12.6	19.0

309385 2007 TU_{148} 2 20.6 124°.08 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.10	+11 20.3	1.987	2.753	15.2	22.0
1 22	10 38.31	+11 54.1	1.912	2.771	11.9	21.8
2 1	10 31.11	+12 39.3	1.858	2.789	8.1	21.6
2 11	10 22.10	+13 31.0	1.832	2.806	4.0	21.4
2 21	10 12.17	+14 23.0	1.835	2.822	1.2	21.2
3 2	10 2.39	+15 9.4	1.867	2.838	5.0	21.5
3 12	9 53.79	+15 45.3	1.929	2.852	9.0	21.8
3 22	9 47.14	+16 8.3	2.015	2.866	12.4	22.0

491825 2013 AV_{18} 2 20.6 35°.07 3°.7/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.49	+14 11.1	1.341	2.152	18.8	21.2
1 22	10 35.26	+15 22.0	1.269	2.156	14.8	20.9
2 1	10 29.78	+16 49.7	1.217	2.160	10.1	20.6
2 11	10 21.72	+18 25.0	1.188	2.164	5.4	20.4
2 21	10 12.19	+19 56.2	1.186	2.168	4.1	20.3
3 2	10 2.69	+21 11.7	1.210	2.173	8.3	20.6
3 12	9 54.77	+22 3.9	1.258	2.178	13.0	20.9
3 22	9 49.47	+22 30.2	1.326	2.183	17.2	21.1

89990 2002 TP_{54} 2 20.6 167°.18 0°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.78	+ 7 30.7	2.030	2.791	15.1	20.8
1 22	10 35.03	+ 7 59.6	1.939	2.794	12.0	20.6
2 1	10 28.97	+ 8 43.2	1.870	2.797	8.4	20.4
2 11	10 21.11	+ 9 37.9	1.827	2.799	4.3	20.1
2 21	10 12.23	+10 38.2	1.812	2.801	0.2	19.8
3 2	10 3.32	+11 37.8	1.828	2.803	4.5	20.1
3 12	9 55.40	+12 30.8	1.871	2.804	8.6	20.4
3 22	9 49.26	+13 12.9	1.940	2.805	12.2	20.6

391535 2007 RY_{300} 2 20.6 44°.37 0°.6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.27	+10 23.9	1.981	2.757	14.8	21.5
1 22	10 33.01	+10 47.8	1.903	2.768	11.7	21.3
2 1	10 27.51	+11 23.6	1.847	2.780	8.0	21.1
2 11	10 20.33	+12 7.1	1.817	2.791	3.9	20.9
2 21	10 12.26	+12 52.9	1.815	2.803	0.7	20.7
3 2	10 4.29	+13 35.3	1.842	2.815	4.7	21.0
3 12	9 57.36	+14 9.6	1.896	2.828	8.6	21.2
3 22	9 52.19	+14 32.6	1.975	2.840	12.0	21.5

170313 2003 SU_{43} 2 20.6 104°.76 1°.4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.76	+ 4 24.0	1.881	2.629	16.5	21.2
1 22	10 37.32	+ 4 43.3	1.808	2.652	13.2	21.0
2 1	10 30.46	+ 5 19.6	1.756	2.675	9.4	20.8
2 11	10 21.79	+ 6 9.6	1.729	2.697	5.1	20.6
2 21	10 12.20	+ 7 7.9	1.731	2.719	1.4	20.4
3 2	10 2.79	+ 8 8.2	1.763	2.740	4.4	20.6
3 12	9 54.59	+ 9 4.0	1.823	2.760	8.5	20.9
3 22	9 48.36	+ 9 50.6	1.909	2.779	12.1	21.2

5790 Nagasaki 2 20.6 155°.79 0°.9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.20	+11 7.2	2.091	2.858	14.5	18.6
1 22	10 36.06	+11 34.7	2.003	2.863	11.4	18.4
2 1	10 29.61	+12 13.4	1.938	2.869	7.8	18.2
2 11	10 21.41	+12 59.1	1.899	2.873	3.9	17.9
2 21	10 12.23	+13 46.3	1.890	2.878	1.0	17.7
3 2	10 3.07	+14 29.5	1.910	2.881	4.8	18.0
3 12	9 54.93	+15 3.8	1.959	2.885	8.7	18.3
3 22	9 48.58	+15 26.4	2.033	2.888	12.1	18.5

4705 Secchi 2 20.6 47°.39 0°.3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.62	+10 36.2	1.326	2.116	20.1	16.4
1 22	10 40.70	+10 15.3	1.256	2.128	16.1	16.2
2 1	10 33.39	+10 7.7	1.205	2.139	11.2	16.0
2 11	10 23.45	+10 10.0	1.178	2.152	5.7	15.7
2 21	10 12.15	+10 17.3	1.176	2.164	0.4	15.3
3 2	10 1.09	+10 23.9	1.200	2.177	5.9	15.8
3 12	9 51.82	+10 25.0	1.250	2.191	11.1	16.1
3 22	9 45.36	+10 17.8	1.323	2.205	15.6	16.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
260030 2004 GZ_{25}			2 20.6 321°.86	5°.9/16.2 18		
	h m	° ′			°	m
1 12	10 38.79	+21 57.5	1.556	2.368	16.6	20.8
1 22	10 36.11	+22 58.9	1.472	2.358	13.2	20.6
2 1	10 30.32	+24 7.3	1.410	2.348	9.5	20.3
2 11	10 22.01	+25 13.4	1.372	2.338	6.5	20.1
2 21	10 12.22	+26 7.1	1.360	2.329	6.4	20.1
3 2	10 2.35	+26 39.9	1.374	2.320	9.5	20.2
3 12	9 53.89	+26 47.6	1.413	2.312	13.4	20.4
3 22	9 47.92	+26 30.4	1.472	2.304	17.1	20.7
464036 2014 WO_{162}			2 20.6 17°.94	0°.3/20.3 17		
1 12	10 38.96	+10 8.6	1.754	2.533	16.4	21.6
1 22	10 35.57	+10 21.7	1.667	2.534	13.0	21.4
2 1	10 29.56	+10 48.0	1.602	2.535	9.0	21.2
2 11	10 21.48	+11 23.5	1.561	2.536	4.5	20.9
2 21	10 12.25	+12 2.9	1.548	2.537	0.5	20.6
3 2	10 3.00	+12 39.8	1.563	2.538	5.1	20.9
3 12	9 54.94	+13 9.0	1.605	2.539	9.6	21.2
3 22	9 48.94	+13 26.8	1.671	2.541	13.5	21.4
199271 2006 BU_{30}			2 20.6 110°.36	0°.7/19.9 18		
1 12	10 39.96	+11 42.5	2.061	2.831	14.5	20.5
1 22	10 35.87	+11 56.9	1.975	2.838	11.5	20.3
2 1	10 29.48	+12 21.2	1.912	2.844	7.9	20.1
2 11	10 21.34	+12 51.6	1.876	2.850	3.9	19.9
2 21	10 12.26	+13 23.3	1.868	2.856	0.9	19.7
3 2	10 3.23	+13 51.4	1.889	2.862	4.7	20.0
3 12	9 55.25	+14 11.6	1.939	2.868	8.6	20.2
3 22	9 49.07	+14 21.7	2.014	2.873	12.0	20.4
128377 2004 JB_{28}			2 20.6 210°.53	0°.8/19.6 17		
1 12	10 35.68	+12 5.1	3.026	3.784	10.6	21.5
1 22	10 31.82	+12 33.9	2.922	3.778	8.4	21.3
2 1	10 26.37	+13 10.3	2.842	3.772	5.7	21.1
2 11	10 19.70	+13 51.1	2.791	3.765	2.8	20.9
2 21	10 12.33	+14 32.8	2.771	3.758	1.0	20.7
3 2	10 4.92	+15 11.4	2.781	3.750	3.7	20.9
3 12	9 58.11	+15 43.6	2.822	3.743	6.6	21.1
3 22	9 52.45	+16 7.3	2.889	3.734	9.2	21.3
430868 2005 PU_{23}			2 20.6 218°.93	0°.6/21.5 18		
1 12	10 33.65	+ 3 40.3	3.009	3.740	11.3	21.7
1 22	10 30.28	+ 4 34.8	2.896	3.732	9.1	21.5
2 1	10 25.35	+ 5 43.3	2.807	3.723	6.4	21.3
2 11	10 19.21	+ 7 3.1	2.747	3.715	3.4	21.1
2 21	10 12.37	+ 8 30.1	2.717	3.705	0.7	20.8
3 2	10 5.42	+ 9 59.1	2.720	3.696	3.2	21.0
3 12	9 59.01	+11 24.7	2.755	3.686	6.2	21.2
3 22	9 53.69	+12 42.5	2.817	3.676	9.0	21.4
402776 2007 CR_{4}			2 20.6 358°.51	0°.0/20.6 18		
1 12	10 34.49	+ 6 24.6	1.201	2.006	21.0	21.1
1 22	10 33.22	+ 7 2.3	1.124	2.004	16.9	20.9
2 1	10 28.62	+ 8 6.1	1.065	2.003	11.8	20.6
2 11	10 21.26	+ 9 30.9	1.027	2.002	6.0	20.2
2 21	10 12.28	+11 7.2	1.013	2.002	0.3	19.8
3 2	10 3.21	+12 42.5	1.025	2.003	6.5	20.3
3 12	9 55.71	+14 4.6	1.061	2.004	12.3	20.6
3 22	9 50.94	+15 6.1	1.117	2.006	17.3	20.9
108904 2001 PC_{9}			2 20.6 92°.37	0°.5/20.1 18		
1 12	10 35.75	+ 9 54.1	2.324	3.090	13.2	19.4
1 22	10 32.30	+10 25.2	2.237	3.097	10.4	19.2
2 1	10 26.90	+11 7.4	2.174	3.104	7.2	19.0
2 11	10 20.02	+11 56.8	2.138	3.112	3.5	18.8
2 21	10 12.34	+12 48.8	2.130	3.119	0.6	18.5
3 2	10 4.69	+13 38.0	2.153	3.126	4.2	18.8
3 12	9 57.89	+14 20.0	2.205	3.133	7.7	19.0
3 22	9 52.60	+14 51.6	2.282	3.140	10.8	19.3
101141 1998 RR_{68}			2 20.6 118°.01	0°.2/20.4 18		
1 12	10 41.28	+ 9 14.2	1.982	2.745	15.3	20.5
1 22	10 36.93	+ 9 37.7	1.903	2.760	12.1	20.3
2 1	10 30.20	+10 13.8	1.847	2.775	8.4	20.1
2 11	10 21.70	+10 58.7	1.816	2.790	4.2	19.9
2 21	10 12.27	+11 46.7	1.815	2.804	0.3	19.6
3 2	10 2.95	+12 32.2	1.843	2.817	4.6	20.0
3 12	9 54.76	+13 10.0	1.900	2.830	8.6	20.2
3 22	9 48.46	+13 36.9	1.982	2.843	12.1	20.5
433228 2012 VA_{1}			2 20.6 4°.74	3°.8/23.9 17		
1 12	10 36.11	− 0 40.6	2.203	2.928	15.0	21.0
1 22	10 32.75	− 1 6.0	2.106	2.929	12.5	20.8
2 1	10 27.32	− 1 15.9	2.030	2.929	9.5	20.6
2 11	10 20.29	− 1 10.2	1.979	2.929	6.3	20.4
2 21	10 12.33	− 0 50.6	1.955	2.930	4.0	20.3
3 2	10 4.32	− 0 20.2	1.960	2.931	4.7	20.3
3 12	9 57.16	+ 0 16.1	1.993	2.932	7.7	20.5
3 22	9 51.55	+ 0 53.4	2.051	2.934	10.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
116560 2004 BU_{82}			2 20.6 277°.19	3°.2/17.6 18		
	h m	° ′			°	m
1 12	10 35.94	+13 56.7	1.754	2.549	15.7	19.9
1 22	10 33.42	+15 13.5	1.661	2.539	12.4	19.7
2 1	10 28.27	+16 45.9	1.590	2.529	8.5	19.4
2 11	10 20.95	+18 26.5	1.545	2.519	4.6	19.1
2 21	10 12.30	+20 5.8	1.528	2.509	3.6	19.1
3 2	10 3.48	+21 33.8	1.539	2.499	7.2	19.3
3 12	9 55.72	+22 42.7	1.577	2.488	11.4	19.5
3 22	9 50.00	+23 28.9	1.637	2.478	15.2	19.7
258413 2001 XM_{150}			2 20.6 98°.25	2°.2/22.4 18		
1 12	10 38.33	+ 3 18.3	1.930	2.679	16.1	20.4
1 22	10 34.76	+ 3 16.6	1.843	2.686	13.1	20.2
2 1	10 28.82	+ 3 31.4	1.776	2.692	9.5	20.0
2 11	10 21.07	+ 4 0.9	1.735	2.699	5.5	19.8
2 21	10 12.31	+ 4 41.4	1.721	2.706	2.3	19.6
3 2	10 3.55	+ 5 27.8	1.735	2.712	4.4	19.8
3 12	9 55.84	+ 6 14.0	1.778	2.719	8.4	20.0
3 22	9 49.97	+ 6 54.9	1.846	2.725	12.0	20.2
61126 2000 MN_{4}			2 20.6 140°.17	0°.3/20.3 18		
1 12	10 40.41	+ 9 48.5	2.414	3.167	13.1	19.4
1 22	10 35.82	+10 11.5	2.328	3.180	10.4	19.2
2 1	10 29.24	+10 44.6	2.265	3.192	7.1	19.0
2 11	10 21.17	+11 24.4	2.231	3.203	3.5	18.8
2 21	10 12.32	+12 6.6	2.226	3.214	0.4	18.6
3 2	10 3.52	+12 46.3	2.252	3.225	4.0	18.9
3 12	9 55.63	+13 19.7	2.307	3.234	7.5	19.1
3 22	9 49.29	+13 44.0	2.389	3.243	10.6	19.3
365857 2011 UR_{128}			2 20.6 5°.78	9°.8/26.9 18		
1 12	10 37.00	− 9 2.2	1.413	2.133	22.2	20.0
1 22	10 34.77	−10 26.5	1.330	2.133	19.4	19.7
2 1	10 29.48	−11 25.0	1.263	2.134	16.2	19.5
2 11	10 21.66	−11 52.4	1.216	2.135	12.8	19.3
2 21	10 12.29	−11 46.0	1.190	2.137	10.3	19.2
3 2	10 2.76	−11 7.8	1.188	2.139	10.0	19.2
3 12	9 54.56	−10 5.4	1.210	2.142	12.2	19.3
3 22	9 48.82	− 8 49.6	1.253	2.146	15.5	19.5
371955 2008 FY_{38}			2 20.6 214°.84	1°.6/18.9 17		
1 12	10 39.30	+13 21.6	2.582	3.345	12.1	22.5
1 22	10 35.04	+14 4.4	2.476	3.335	9.6	22.3
2 1	10 28.82	+14 56.3	2.394	3.325	6.5	22.1
2 11	10 21.03	+15 53.0	2.340	3.314	3.3	21.9
2 21	10 12.33	+16 49.5	2.317	3.302	1.8	21.7
3 2	10 3.50	+17 40.6	2.325	3.290	4.7	21.9
3 12	9 55.40	+18 21.9	2.362	3.276	8.0	22.1
3 22	9 48.73	+18 50.8	2.426	3.262	11.0	22.3
82684 2001 PE_{28}			2 20.6 101°.54	3°.5/17.7 18		
1 12	10 39.89	+17 14.6	1.798	2.591	15.5	19.8
1 22	10 36.28	+18 5.9	1.720	2.596	12.2	19.6
2 1	10 30.02	+19 5.9	1.664	2.602	8.4	19.4
2 11	10 21.72	+20 7.7	1.635	2.607	4.7	19.2
2 21	10 12.30	+21 3.4	1.633	2.612	3.8	19.1
3 2	10 2.95	+21 46.0	1.659	2.617	7.0	19.3
3 12	9 54.84	+22 11.0	1.712	2.622	10.8	19.5
3 22	9 48.84	+22 17.3	1.788	2.627	14.2	19.8
52430 1994 PF_{8}			2 20.6 257°.14	0°.1/20.7 18		
1 12	10 42.88	+ 9 49.6	1.576	2.354	18.0	19.9
1 22	10 39.22	+ 9 48.4	1.479	2.344	14.5	19.6
2 1	10 32.46	+10 1.1	1.402	2.334	10.2	19.3
2 11	10 23.14	+10 24.4	1.349	2.323	5.2	19.0
2 21	10 12.24	+10 53.2	1.323	2.312	0.2	18.6
3 2	10 1.13	+11 21.1	1.325	2.301	5.7	19.0
3 12	9 51.30	+11 42.3	1.353	2.289	10.8	19.2
3 22	9 43.88	+11 52.8	1.404	2.278	15.4	19.5
283466 2001 QZ_{116}			2 20.6 151°.08	1°.4/21.6 18		
1 12	10 43.90	+ 6 10.0	1.758	2.514	17.2	21.0
1 22	10 39.42	+ 6 6.8	1.672	2.521	13.9	20.8
2 1	10 32.20	+ 6 19.0	1.606	2.528	9.9	20.6
2 11	10 22.83	+ 6 44.1	1.565	2.534	5.4	20.3
2 21	10 12.26	+ 7 17.8	1.552	2.539	1.4	20.1
3 2	10 1.71	+ 7 54.5	1.568	2.544	4.8	20.3
3 12	9 52.41	+ 8 28.5	1.612	2.549	9.3	20.6
3 22	9 45.29	+ 8 55.1	1.680	2.553	13.3	20.8
139564 2001 QC_{76}			2 20.6 107°.40	4°.9/15.7 18		
1 12	10 41.57	+26 23.5	2.544	3.326	11.8	19.2
1 22	10 36.73	+27 9.2	2.474	3.339	9.4	19.0
2 1	10 29.84	+27 54.2	2.429	3.352	6.9	18.9
2 11	10 21.46	+28 32.7	2.411	3.365	5.1	18.8
2 21	10 12.34	+28 59.3	2.423	3.377	5.2	18.8
3 2	10 3.39	+29 10.3	2.464	3.389	7.0	18.9
3 12	9 55.45	+29 4.5	2.532	3.401	9.4	19.1
3 22	9 49.18	+28 42.6	2.624	3.413	11.7	19.3

127208 2002 HM_{10} 2 20.6 32°.79 2°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.17	+14 26.9	1.950	2.735	14.7	19.9
1 22	10 34.72	+15 2.2	1.864	2.736	11.6	19.6
2 1	10 28.85	+15 47.2	1.801	2.737	7.9	19.4
2 11	10 21.12	+16 36.8	1.764	2.738	4.0	19.2
2 21	10 12.35	+17 24.5	1.754	2.739	2.3	19.1
3 2	10 3.59	+18 4.2	1.774	2.740	5.7	19.3
3 12	9 55.90	+18 31.4	1.821	2.741	9.6	19.5
3 22	9 50.08	+18 43.8	1.892	2.743	13.1	19.7

256283 2006 WQ_{112} 2 20.6 127°.89 0°.1/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.95	+ 8 39.4	2.301	3.050	13.8	21.1
1 22	10 37.08	+ 8 59.3	2.220	3.068	11.0	21.0
2 1	10 30.13	+ 9 30.4	2.162	3.086	7.6	20.8
2 11	10 21.63	+10 9.2	2.131	3.103	3.8	20.6
2 21	10 12.34	+10 51.3	2.130	3.119	0.1	20.3
3 2	10 3.15	+11 32.0	2.160	3.134	4.0	20.6
3 12	9 54.96	+12 6.8	2.220	3.149	7.6	20.9
3 22	9 48.41	+12 32.9	2.306	3.163	10.8	21.1

454512 2014 OT_{201} 2 20.6 321°.49 2°.0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.18	+ 5 45.6	1.359	2.145	19.9	21.6
1 22	10 35.89	+ 5 32.6	1.270	2.136	16.3	21.3
2 1	10 30.37	+ 5 38.7	1.198	2.128	11.8	21.0
2 11	10 22.17	+ 6 2.4	1.149	2.119	6.6	20.7
2 21	10 12.31	+ 6 39.4	1.124	2.112	2.0	20.4
3 2	10 2.25	+ 7 22.5	1.125	2.104	5.8	20.6
3 12	9 53.56	+ 8 3.9	1.151	2.097	11.2	20.9
3 22	9 47.46	+ 8 36.9	1.199	2.091	16.1	21.2

224686 2006 AH_{90} 2 20.6 128°.49 0°.6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.38	+ 6 52.3	2.099	2.856	14.7	21.5
1 22	10 34.60	+ 7 10.5	2.012	2.864	11.8	21.3
2 1	10 28.61	+ 7 42.6	1.947	2.871	8.3	21.1
2 11	10 20.95	+ 8 25.3	1.908	2.878	4.3	20.9
2 21	10 12.37	+ 9 14.1	1.897	2.885	0.6	20.6
3 2	10 3.81	+10 3.5	1.916	2.892	4.2	20.9
3 12	9 56.22	+10 48.2	1.964	2.899	8.1	21.1
3 22	9 50.33	+11 24.1	2.037	2.905	11.5	21.4

149360 2002 XD_{36} 2 20.6 120°.79 2°.4/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.08	+15 25.1	2.278	3.047	13.3	21.2
1 22	10 37.24	+16 17.8	2.206	3.069	10.4	21.0
2 1	10 30.25	+17 18.1	2.158	3.090	7.1	20.8
2 11	10 21.69	+18 20.3	2.138	3.111	3.7	20.7
2 21	10 12.35	+19 18.3	2.149	3.130	2.6	20.6
3 2	10 3.15	+20 6.5	2.190	3.149	5.4	20.8
3 12	9 54.99	+20 41.2	2.260	3.167	8.7	21.1
3 22	9 48.56	+21 1.0	2.355	3.184	11.6	21.3

243758 2000 QM_{200} 2 20.6 135°.44 1°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.43	+ 4 3.9	1.914	2.662	16.3	21.4
1 22	10 36.41	+ 4 34.2	1.831	2.675	13.1	21.2
2 1	10 29.96	+ 5 22.5	1.768	2.688	9.3	21.0
2 11	10 21.66	+ 6 25.6	1.732	2.700	5.0	20.8
2 21	10 12.35	+ 7 37.8	1.724	2.711	1.2	20.5
3 2	10 3.08	+ 8 52.0	1.745	2.722	4.4	20.8
3 12	9 54.91	+10 1.1	1.796	2.732	8.6	21.0
3 22	9 48.65	+10 59.7	1.871	2.741	12.3	21.3

370981 2005 SZ_{245} 2 20.6 26°.24 2°.2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.98	+14 23.0	1.620	2.416	16.8	20.9
1 22	10 35.81	+14 48.9	1.543	2.421	13.2	20.6
2 1	10 29.83	+15 25.7	1.487	2.425	9.1	20.4
2 11	10 21.68	+16 7.4	1.456	2.431	4.6	20.1
2 21	10 12.36	+16 47.1	1.451	2.437	2.4	20.0
3 2	10 3.12	+17 18.2	1.474	2.443	6.3	20.3
3 12	9 55.23	+17 35.7	1.523	2.450	10.6	20.5
3 22	9 49.58	+17 37.7	1.595	2.457	14.5	20.8

315009 2007 BL_{17} 2 20.6 101°.05 1°.0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.53	+ 6 13.7	1.882	2.643	16.0	20.9
1 22	10 35.01	+ 6 24.9	1.796	2.650	12.9	20.6
2 1	10 29.06	+ 6 51.5	1.731	2.656	9.1	20.4
2 11	10 21.24	+ 7 30.5	1.692	2.662	4.9	20.2
2 21	10 12.38	+ 8 17.3	1.680	2.668	1.0	19.9
3 2	10 3.53	+ 9 5.9	1.697	2.674	4.5	20.2
3 12	9 55.77	+ 9 50.5	1.741	2.679	8.7	20.4
3 22	9 49.90	+10 26.4	1.811	2.685	12.5	20.7

219434 2000 UG_{22} 2 20.6 88°.25 3°.4/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.25	+17 40.0	1.964	2.752	14.5	20.4
1 22	10 36.21	+18 32.5	1.896	2.769	11.4	20.2
2 1	10 29.76	+19 32.0	1.850	2.786	7.8	20.0
2 11	10 21.51	+20 31.8	1.832	2.803	4.4	19.8
2 21	10 12.37	+21 24.9	1.841	2.819	3.7	19.8
3 2	10 3.40	+22 5.2	1.880	2.836	6.5	20.0
3 12	9 55.61	+22 29.1	1.946	2.852	9.9	20.3
3 22	9 49.77	+22 35.9	2.035	2.868	13.0	20.5

85211 1992 PL 2 20.6 163°.58 1°.8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.08	+ 4 34.3	2.128	2.871	15.0	19.6
1 22	10 35.95	+ 4 31.8	2.034	2.875	12.1	19.4
2 1	10 29.57	+ 4 43.3	1.962	2.878	8.7	19.2
2 11	10 21.46	+ 5 7.0	1.915	2.881	5.0	18.9
2 21	10 12.37	+ 5 39.7	1.897	2.883	1.8	18.7
3 2	10 3.26	+ 6 16.7	1.909	2.885	4.1	18.9
3 12	9 55.09	+ 6 53.2	1.949	2.887	7.9	19.1
3 22	9 48.64	+ 7 24.8	2.015	2.888	11.4	19.3

410335 2007 UQ_{61} 2 20.6 237°.02 1°.5/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.82	+ 4 42.0	2.006	2.752	15.7	22.4
1 22	10 36.94	+ 4 52.3	1.894	2.737	12.8	22.1
2 1	10 30.55	+ 5 18.9	1.803	2.721	9.2	21.9
2 11	10 22.11	+ 5 59.9	1.737	2.705	5.1	21.6
2 21	10 12.35	+ 6 51.5	1.700	2.687	1.5	21.3
3 2	10 2.32	+ 7 47.8	1.693	2.669	4.6	21.5
3 12	9 53.16	+ 8 42.4	1.714	2.650	8.9	21.7
3 22	9 45.82	+ 9 29.8	1.760	2.631	12.9	21.9

503462 2016 EH_{139} 2 20.6 285°.98 2°.0/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.43	+ 1 38.5	1.880	2.632	16.4	21.7
1 22	10 31.96	+ 2 4.3	1.778	2.622	13.4	21.4
2 1	10 27.11	+ 2 51.3	1.696	2.613	9.8	21.2
2 11	10 20.35	+ 3 57.5	1.639	2.604	5.7	20.9
2 21	10 12.42	+ 5 18.1	1.609	2.594	2.1	20.7
3 2	10 4.32	+ 6 46.0	1.607	2.585	4.5	20.8
3 12	9 57.14	+ 8 12.6	1.634	2.576	8.8	21.0
3 22	9 51.74	+ 9 30.6	1.685	2.567	12.8	21.2

200120 1996 GQ_{13} 2 20.6 194°.61 1°.7/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.80	+13 1.4	2.149	2.927	13.8	20.9
1 22	10 33.42	+13 40.8	2.059	2.927	10.8	20.7
2 1	10 27.86	+14 30.6	1.992	2.927	7.4	20.5
2 11	10 20.61	+15 25.9	1.952	2.926	3.7	20.2
2 21	10 12.42	+16 21.0	1.940	2.926	1.8	20.1
3 2	10 4.20	+17 9.9	1.958	2.926	5.1	20.3
3 12	9 56.91	+17 47.9	2.004	2.925	8.8	20.5
3 22	9 51.28	+18 12.4	2.074	2.925	12.1	20.7

155051 2005 RY_{30} 2 20.6 101°.99 0°.8/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.36	+ 8 49.3	1.979	2.734	15.6	19.9
1 22	10 39.35	+ 8 34.2	1.897	2.747	12.5	19.7
2 1	10 31.90	+ 8 29.9	1.836	2.760	8.7	19.5
2 11	10 22.60	+ 8 33.8	1.802	2.773	4.6	19.3
2 21	10 12.35	+ 8 42.6	1.797	2.785	0.8	19.0
3 2	10 2.21	+ 8 52.4	1.822	2.798	4.4	19.3
3 12	9 53.27	+ 8 59.6	1.875	2.810	8.4	19.6
3 22	9 46.30	+ 9 1.4	1.954	2.821	12.0	19.8

504011 2005 GT_{133} 2 20.6 255°.56 1°.1/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.48	+10 42.6	2.034	2.803	14.7	22.8
1 22	10 35.91	+11 19.7	1.921	2.783	11.8	22.6
2 1	10 29.87	+12 10.8	1.831	2.763	8.2	22.3
2 11	10 21.78	+13 11.6	1.767	2.741	4.1	22.0
2 21	10 12.38	+14 16.2	1.731	2.719	1.2	21.7
3 2	10 2.68	+15 17.6	1.726	2.696	5.3	22.0
3 12	9 53.83	+16 9.4	1.748	2.673	9.6	22.2
3 22	9 46.77	+16 47.4	1.795	2.649	13.5	22.4

448119 2008 RU_{73} 2 20.6 112°.10 0°.6/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.50	+10 43.4	1.627	2.400	17.7	21.9
1 22	10 40.78	+10 58.3	1.554	2.416	14.0	21.7
2 1	10 33.16	+11 26.4	1.501	2.433	9.7	21.4
2 11	10 23.31	+12 2.9	1.474	2.448	4.8	21.2
2 21	10 12.33	+12 41.7	1.475	2.463	0.7	20.9
3 2	10 1.54	+13 16.0	1.504	2.478	5.5	21.3
3 12	9 52.24	+13 40.8	1.561	2.492	10.1	21.6
3 22	9 45.33	+13 53.3	1.642	2.505	14.1	21.9

375016 2007 GQ_{36} 2 20.6 181°.49 0°.6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.60	+ 9 55.7	2.308	3.070	13.4	21.5
1 22	10 33.86	+10 28.7	2.213	3.071	10.6	21.3
2 1	10 28.07	+11 13.3	2.142	3.071	7.3	21.1
2 11	10 20.70	+12 5.6	2.097	3.071	3.6	20.9
2 21	10 12.43	+13 0.7	2.082	3.071	0.7	20.7
3 2	10 4.12	+13 53.1	2.098	3.070	4.3	20.9
3 12	9 56.66	+14 37.9	2.142	3.069	8.0	21.2
3 22	9 50.74	+15 11.8	2.212	3.067	11.2	21.4

227425 2005 VR_{66} 2 20.6 208°.50 2°.5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.97	+ 1 6.2	2.129	2.864	15.2	21.2
1 22	10 33.59	+ 1 15.5	2.028	2.861	12.5	21.0
2 1	10 28.02	+ 1 42.5	1.948	2.857	9.2	20.7
2 11	10 20.73	+ 2 25.6	1.893	2.853	5.6	20.5
2 21	10 12.43	+ 3 21.6	1.866	2.849	2.6	20.3
3 2	10 4.01	+ 4 25.2	1.868	2.844	4.2	20.4
3 12	9 56.46	+ 5 29.8	1.899	2.840	7.9	20.6
3 22	9 50.53	+ 6 29.8	1.956	2.834	11.5	20.8

123186 2000 UB_9 2 20.6 72°.10 5°.1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 43.89	+22 28.6	1.872	2.663	15.0	19.9
1 22	10 39.06	+23 34.1	1.822	2.695	11.8	19.8
2 1	10 31.65	+24 42.0	1.796	2.727	8.3	19.6
2 11	10 22.42	+25 44.0	1.796	2.758	5.6	19.5
2 21	10 12.37	+26 32.5	1.824	2.789	5.5	19.6
3 2	10 2.70	+27 2.0	1.881	2.820	7.9	19.8
3 12	9 54.48	+27 10.9	1.964	2.850	10.9	20.0
3 22	9 48.43	+27 0.3	2.071	2.880	13.7	20.3

46436 2002 LH_5 2 20.6 187°.77 4°.2/25.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.39	− 7 28.9	3.328	3.983	11.6	19.3
1 22	10 33.01	− 7 46.1	3.216	3.982	9.9	19.2
2 1	10 27.14	− 7 49.5	3.125	3.980	7.9	19.0
2 11	10 20.13	− 7 38.8	3.060	3.978	5.9	18.9
2 21	10 12.47	− 7 14.6	3.023	3.975	4.5	18.8
3 2	10 4.72	− 6 39.0	3.017	3.971	4.5	18.8
3 12	9 57.51	− 5 55.3	3.042	3.966	6.0	18.9
3 22	9 51.34	− 5 7.3	3.094	3.961	8.1	19.0

305745 2009 CC_{64} 2 20.6 345°.88 4°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.73	+ 1 1.7	1.446	2.210	19.9	20.2
1 22	10 35.26	+ 0 29.9	1.358	2.206	16.6	20.0
2 1	10 29.78	+ 0 19.0	1.288	2.203	12.5	19.7
2 11	10 21.83	+ 0 29.5	1.240	2.200	8.0	19.4
2 21	10 12.39	+ 0 59.3	1.217	2.198	4.5	19.2
3 2	10 2.82	+ 1 42.9	1.220	2.196	6.0	19.3
3 12	9 54.55	+ 2 32.5	1.248	2.195	10.5	19.6
3 22	9 48.68	+ 3 20.2	1.298	2.194	14.9	19.8

201111 2002 GU_{183} 2 20.6 158°.82 0°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.82	+ 9 26.3	2.491	3.247	12.7	21.8
1 22	10 33.82	+ 9 56.1	2.399	3.253	10.1	21.6
2 1	10 27.92	+10 36.6	2.331	3.258	6.9	21.4
2 11	10 20.58	+11 24.3	2.290	3.263	3.4	21.2
2 21	10 12.45	+12 14.8	2.279	3.267	0.4	20.9
3 2	10 4.32	+13 3.3	2.298	3.271	3.9	21.2
3 12	9 56.98	+13 45.3	2.347	3.275	7.4	21.5
3 22	9 51.09	+14 17.8	2.423	3.278	10.4	21.7

209501 2004 JX_{43} 2 20.6 204°.95 2°.9/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.15	+19 48.2	2.926	3.702	10.5	21.0
1 22	10 33.11	+20 31.4	2.831	3.697	8.3	20.9
2 1	10 27.34	+21 18.5	2.761	3.693	5.8	20.7
2 11	10 20.27	+22 4.9	2.720	3.688	3.5	20.5
2 21	10 12.47	+22 46.2	2.710	3.683	3.2	20.5
3 2	10 4.63	+23 18.3	2.729	3.677	5.2	20.6
3 12	9 57.49	+23 38.4	2.777	3.672	7.8	20.8
3 22	9 51.63	+23 45.6	2.851	3.665	10.2	21.0

327344 2005 UE_{186} 2 20.6 172°.02 1°.8/19.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.24	+13 29.8	2.142	2.916	13.9	21.9
1 22	10 35.34	+14 8.0	2.053	2.918	11.0	21.7
2 1	10 29.18	+14 56.2	1.987	2.920	7.5	21.5
2 11	10 21.29	+15 49.3	1.947	2.922	3.8	21.2
2 21	10 12.42	+16 41.6	1.937	2.923	2.0	21.1
3 2	10 3.55	+17 27.1	1.957	2.923	5.2	21.3
3 12	9 55.64	+18 1.2	2.004	2.924	8.9	21.5
3 22	9 49.47	+18 21.6	2.077	2.924	12.2	21.8

201208 2002 PS_{171} 2 20.6 224°.22 1°.1/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.31	+ 5 13.8	2.303	3.052	13.8	21.5
1 22	10 32.88	+ 5 27.6	2.203	3.048	11.2	21.3
2 1	10 27.43	+ 5 55.1	2.124	3.044	8.0	21.1
2 11	10 20.40	+ 6 34.2	2.072	3.040	4.4	20.9
2 21	10 12.47	+ 7 21.1	2.048	3.035	1.2	20.6
3 2	10 4.45	+ 8 10.9	2.054	3.031	3.8	20.8
3 12	9 57.23	+ 8 58.5	2.089	3.026	7.5	21.0
3 22	9 51.51	+ 9 39.6	2.150	3.021	10.9	21.2

360543 2003 SF_{228} 2 20.6 144°.03 3°.0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.72	+16 55.4	2.033	2.810	14.5	21.8
1 22	10 38.93	+17 39.4	1.954	2.821	11.4	21.6
2 1	10 31.66	+18 30.8	1.898	2.831	7.8	21.4
2 11	10 22.52	+19 23.5	1.870	2.841	4.3	21.2
2 21	10 12.39	+20 10.8	1.870	2.850	3.2	21.2
3 2	10 2.36	+20 46.8	1.900	2.859	6.2	21.4
3 12	9 53.50	+21 7.8	1.959	2.867	9.8	21.6
3 22	9 46.62	+21 12.7	2.041	2.874	13.0	21.8

436300 2010 EA_{11} 2 20.6 346°.88 7°.0/12.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.01	+26 44.6	2.015	2.823	13.5	21.0
1 22	10 32.48	+28 29.0	1.941	2.819	10.9	20.8
2 1	10 27.48	+30 16.2	1.890	2.816	8.4	20.6
2 11	10 20.53	+31 56.6	1.867	2.813	7.0	20.5
2 21	10 12.46	+33 20.9	1.871	2.810	7.7	20.6
3 2	10 4.33	+34 21.8	1.901	2.808	9.9	20.7
3 12	9 57.27	+34 55.9	1.956	2.806	12.6	20.8
3 22	9 52.13	+35 3.6	2.032	2.805	15.2	21.0

49279 1998 UP_{22} 2 20.6 90°.01 4°.3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.46	+19 13.3	1.785	2.577	15.6	19.4
1 22	10 38.19	+20 18.0	1.723	2.599	12.2	19.2
2 1	10 31.24	+21 29.3	1.684	2.620	8.5	19.0
2 11	10 22.31	+22 38.8	1.672	2.640	5.1	18.9
2 21	10 12.41	+23 38.2	1.687	2.660	4.7	18.9
3 2	10 2.74	+24 20.8	1.731	2.680	7.5	19.1
3 12	9 54.47	+24 43.2	1.801	2.700	11.0	19.3
3 22	9 48.40	+24 45.5	1.894	2.719	14.1	19.6

498565 2008 KV_7 2 20.6 233°.08 0°.4/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.69	+ 9 16.7	2.446	3.200	12.9	23.1
1 22	10 34.74	+ 9 47.7	2.333	3.186	10.3	22.9
2 1	10 28.74	+10 30.5	2.244	3.170	7.2	22.7
2 11	10 21.10	+11 22.0	2.182	3.155	3.6	22.4
2 21	10 12.45	+12 17.4	2.150	3.138	0.5	22.1
3 2	10 3.63	+13 11.6	2.148	3.121	4.2	22.4
3 12	9 55.52	+13 59.6	2.176	3.103	7.9	22.6
3 22	9 48.87	+14 37.5	2.231	3.085	11.2	22.8

496485 2014 SM_{315} 2 20.6 92°.52 2°.6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.90	− 0 1.2	1.928	2.663	16.6	21.5
1 22	10 34.33	+ 0 20.9	1.851	2.683	13.5	21.4
2 1	10 28.48	+ 1 3.5	1.794	2.703	9.9	21.2
2 11	10 20.92	+ 2 4.0	1.762	2.722	6.0	21.0
2 21	10 12.46	+ 3 17.7	1.758	2.741	2.8	20.8
3 2	10 4.10	+ 4 37.7	1.783	2.760	4.4	20.9
3 12	9 56.83	+ 5 56.3	1.837	2.778	8.1	21.2
3 22	9 51.36	+ 7 7.4	1.916	2.796	11.6	21.5

232739 2004 FM_{62} 2 20.6 249°.57 1°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.84	+ 2 2.7	2.631	3.362	12.7	20.9
1 22	10 30.73	+ 2 29.3	2.518	3.350	10.4	20.7
2 1	10 25.85	+ 3 11.0	2.427	3.338	7.5	20.5
2 11	10 19.60	+ 4 6.1	2.363	3.326	4.4	20.3
2 21	10 12.51	+ 5 11.1	2.328	3.314	1.7	20.1
3 2	10 5.30	+ 6 21.3	2.324	3.301	3.5	20.2
3 12	9 58.71	+ 7 31.1	2.350	3.288	6.7	20.3
3 22	9 53.36	+ 8 35.9	2.402	3.275	9.9	20.5

240589 2004 TE_{176} 2 20.6 165°.14 1°.7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.12	+12 57.7	2.138	2.903	14.2	21.9
1 22	10 38.37	+13 40.7	2.050	2.910	11.2	21.7
2 1	10 31.26	+14 34.3	1.985	2.916	7.7	21.5
2 11	10 22.34	+15 33.1	1.948	2.921	3.8	21.2
2 21	10 12.41	+16 31.0	1.940	2.926	1.9	21.1
3 2	10 2.49	+17 21.8	1.963	2.929	5.3	21.3
3 12	9 53.60	+18 0.7	2.015	2.932	9.0	21.6
3 22	9 46.55	+18 25.3	2.093	2.934	12.4	21.8

343633 2010 HW_{107} 2 20.6 172°.78 6°.7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.50	−13 33.3	2.635	3.273	14.6	21.3
1 22	10 31.24	−13 59.4	2.532	3.274	12.9	21.2
2 1	10 26.18	−14 5.6	2.447	3.275	10.8	21.0
2 11	10 19.75	−13 50.1	2.385	3.276	8.7	20.9
2 21	10 12.51	−13 13.2	2.349	3.276	7.1	20.8
3 2	10 5.20	−12 17.0	2.340	3.277	6.7	20.7
3 12	9 58.56	−11 6.5	2.359	3.277	7.8	20.8
3 22	9 53.23	− 9 47.6	2.405	3.277	9.8	20.9

200845 2001 YW_{10} 2 20.6 18°.23 5°.2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.13	+18 16.9	1.062	1.898	21.0	19.8
1 22	10 35.70	+19 4.2	1.005	1.905	16.6	19.5
2 1	10 30.45	+20 2.8	0.966	1.913	11.5	19.2
2 11	10 22.21	+21 2.0	0.948	1.922	6.6	19.0
2 21	10 12.41	+21 49.9	0.953	1.933	5.6	19.0
3 2	10 2.91	+22 16.9	0.981	1.945	9.6	19.2
3 12	9 55.44	+22 18.3	1.032	1.958	14.5	19.5
3 22	9 51.10	+21 55.0	1.101	1.973	18.9	19.8

381675 2009 BX_{79} 2 20.6 20°.80 3°.8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.10	− 4 16.7	1.719	2.459	18.1	19.8
1 22	10 28.58	− 3 44.1	1.638	2.469	15.1	19.6
2 1	10 24.74	− 2 44.2	1.576	2.480	11.4	19.4
2 11	10 19.13	− 1 18.7	1.538	2.491	7.4	19.2
2 21	10 12.54	+ 0 27.1	1.526	2.504	4.1	19.0
3 2	10 5.98	+ 2 24.1	1.541	2.518	4.9	19.1
3 12	10 0.47	+ 4 21.9	1.584	2.532	8.5	19.3
3 22	9 56.77	+ 6 10.8	1.653	2.548	12.3	19.6

472582 2015 DJ_{118} 2 20.6 98°.45 2°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.02	+14 5.2	2.258	3.040	13.1	21.4
1 22	10 31.93	+15 8.1	2.172	3.043	10.2	21.3
2 1	10 26.79	+16 21.2	2.110	3.046	6.9	21.1
2 11	10 20.09	+17 38.9	2.076	3.049	3.6	20.9
2 21	10 12.51	+18 54.7	2.070	3.052	2.6	20.8
3 2	10 4.91	+20 2.1	2.095	3.055	5.5	21.0
3 12	9 58.17	+20 55.9	2.147	3.058	8.9	21.2
3 22	9 52.98	+21 33.6	2.224	3.061	11.9	21.4

412886 2014 QG_{33} 2 20.6 133.°76 1.°7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.07	+13 10.3	2.263	3.027	13.6	22.1
1 22	10 37.30	+13 57.0	2.185	3.045	10.6	21.9
2 1	10 30.36	+14 53.0	2.131	3.062	7.2	21.7
2 11	10 21.82	+15 53.3	2.104	3.078	3.6	21.5
2 21	10 12.45	+16 51.9	2.108	3.093	1.9	21.4
3 2	10 3.17	+17 43.0	2.142	3.107	5.0	21.6
3 12	9 54.90	+18 22.5	2.205	3.121	8.5	21.9
3 22	9 48.35	+18 48.2	2.295	3.133	11.5	22.1

122843 2000 SL_{124} 2 20.6 74.°71 3.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.14	+17 22.3	1.858	2.649	15.1	19.7
1 22	10 36.30	+18 7.9	1.787	2.662	11.9	19.5
2 1	10 29.94	+19 1.0	1.739	2.675	8.1	19.3
2 11	10 21.68	+19 54.9	1.717	2.689	4.5	19.1
2 21	10 12.45	+20 42.7	1.722	2.702	3.6	19.1
3 2	10 3.37	+21 18.0	1.757	2.715	6.6	19.3
3 12	9 55.54	+21 37.2	1.818	2.729	10.2	19.5
3 22	9 49.74	+21 39.3	1.902	2.742	13.5	19.8

226798 2004 RN_{201} 2 20.6 44.°75 1.°7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.25	+14 33.7	1.797	2.582	15.8	19.7
1 22	10 37.27	+14 44.6	1.719	2.589	12.5	19.5
2 1	10 30.67	+15 4.0	1.662	2.597	8.5	19.3
2 11	10 22.08	+15 27.1	1.630	2.605	4.3	19.0
2 21	10 12.44	+15 48.6	1.627	2.613	1.9	18.9
3 2	10 2.92	+16 3.1	1.651	2.621	5.6	19.1
3 12	9 54.66	+16 7.2	1.703	2.630	9.7	19.4
3 22	9 48.51	+15 59.3	1.779	2.639	13.4	19.6

170123 2002 YV_{32} 2 20.6 22.°67 5.°6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.08	+23 17.6	1.852	2.658	14.6	19.3
1 22	10 34.08	+24 22.7	1.783	2.664	11.5	19.1
2 1	10 28.51	+25 31.3	1.737	2.671	8.3	18.9
2 11	10 21.01	+26 35.1	1.717	2.678	5.9	18.8
2 21	10 12.48	+27 26.1	1.723	2.686	6.0	18.8
3 2	10 4.07	+27 58.0	1.757	2.695	8.5	19.0
3 12	9 56.90	+28 8.1	1.816	2.703	11.6	19.2
3 22	9 51.76	+27 56.9	1.897	2.713	14.5	19.4

422160 2014 RP_{6} 2 20.6 98.°78 1.°0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.69	+ 5 6.0	1.971	2.723	15.7	21.6
1 22	10 35.68	+ 5 32.2	1.896	2.744	12.6	21.4
2 1	10 29.37	+ 6 14.5	1.843	2.765	8.9	21.2
2 11	10 21.36	+ 7 9.3	1.816	2.785	4.7	21.0
2 21	10 12.48	+ 8 11.4	1.817	2.805	1.0	20.8
3 2	10 3.73	+ 9 14.2	1.848	2.824	4.2	21.1
3 12	9 56.08	+10 11.7	1.907	2.843	8.2	21.3
3 22	9 50.27	+10 59.4	1.992	2.862	11.7	21.6

265826 2005 YL_{9} 2 20.6 103.°91 0.°3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.96	+ 9 37.3	1.968	2.737	15.2	21.8
1 22	10 35.24	+ 9 59.5	1.884	2.745	12.0	21.6
2 1	10 29.17	+10 34.2	1.823	2.753	8.3	21.4
2 11	10 21.31	+11 17.6	1.787	2.761	4.1	21.1
2 21	10 12.48	+12 4.4	1.780	2.769	0.4	20.9
3 2	10 3.70	+12 48.7	1.802	2.776	4.7	21.2
3 12	9 55.98	+13 25.4	1.852	2.784	8.7	21.5
3 22	9 50.10	+13 51.1	1.927	2.791	12.3	21.7

283201 2010 DG_{55} 2 20.6 226.°60 2.°6/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.74	− 2 10.4	2.994	3.696	11.9	21.4
1 22	10 30.40	− 1 51.1	2.877	3.686	9.9	21.3
2 1	10 25.50	− 1 16.8	2.783	3.675	7.5	21.1
2 11	10 19.39	− 0 28.4	2.715	3.664	4.9	20.9
2 21	10 12.56	+ 0 31.7	2.676	3.653	2.8	20.7
3 2	10 5.63	+ 1 39.7	2.668	3.641	3.5	20.8
3 12	9 59.23	+ 2 50.9	2.691	3.629	6.0	20.9
3 22	9 53.92	+ 4 0.6	2.742	3.617	8.7	21.1

73053 2002 EX_{133} 2 20.6 204.°21 1.°6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.87	+ 4 5.2	1.939	2.687	16.1	20.5
1 22	10 36.16	+ 4 18.6	1.839	2.683	13.1	20.2
2 1	10 29.97	+ 4 49.2	1.761	2.679	9.4	20.0
2 11	10 21.81	+ 5 34.9	1.707	2.674	5.3	19.7
2 21	10 12.47	+ 6 31.3	1.682	2.669	1.6	19.5
3 2	10 2.99	+ 7 32.4	1.686	2.663	4.5	19.7
3 12	9 54.49	+ 8 31.2	1.718	2.657	8.8	19.9
3 22	9 47.86	+ 9 22.3	1.776	2.650	12.7	20.1

286574 2002 CS_{209} 2 20.6 48.°13 0.°5/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.36	+ 6 51.3	1.801	2.577	16.1	20.4
1 22	10 31.90	+ 7 53.8	1.719	2.583	12.8	20.2
2 1	10 27.04	+ 9 15.5	1.657	2.590	8.8	20.0
2 11	10 20.31	+10 51.0	1.622	2.596	4.4	19.7
2 21	10 12.54	+12 32.4	1.614	2.603	0.6	19.4
3 2	10 4.75	+14 10.4	1.636	2.610	5.1	19.8
3 12	9 58.03	+15 36.6	1.685	2.617	9.4	20.0
3 22	9 53.16	+16 45.8	1.759	2.624	13.2	20.3

286186 2001 UQ_{55} 2 20.6 96.°12 0.°4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.91	+10 6.5	1.968	2.733	15.3	21.8
1 22	10 37.41	+10 25.6	1.895	2.753	12.1	21.6
2 1	10 30.56	+10 56.3	1.844	2.773	8.3	21.4
2 11	10 21.96	+11 34.5	1.820	2.793	4.1	21.2
2 21	10 12.49	+12 15.0	1.824	2.813	0.5	20.9
3 2	10 3.19	+12 52.3	1.858	2.832	4.6	21.3
3 12	9 55.07	+13 21.7	1.920	2.850	8.6	21.6
3 22	9 48.86	+13 40.7	2.008	2.869	12.0	21.8

381668 2009 BC_{33} 2 20.6 37.°92 1.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.33	+ 6 19.1	1.930	2.689	15.8	20.3
1 22	10 35.50	+ 5 59.2	1.850	2.700	12.7	20.1
2 1	10 29.32	+ 5 52.0	1.791	2.712	9.1	19.9
2 11	10 21.38	+ 5 55.8	1.757	2.725	5.1	19.7
2 21	10 12.51	+ 6 7.7	1.751	2.737	1.7	19.5
3 2	10 3.74	+ 6 23.6	1.774	2.751	4.3	19.7
3 12	9 56.07	+ 6 39.3	1.824	2.764	8.2	20.0
3 22	9 50.26	+ 6 51.1	1.900	2.778	11.8	20.2

180751 2004 LR_{26} 2 20.6 287.°41 1.°0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.67	+ 9 5.1	1.819	2.598	15.8	19.5
1 22	10 33.24	+ 9 53.6	1.708	2.576	12.7	19.3
2 1	10 28.24	+11 0.5	1.619	2.553	8.8	19.0
2 11	10 21.08	+12 21.3	1.555	2.530	4.4	18.7
2 21	10 12.51	+13 49.2	1.519	2.507	1.2	18.4
3 2	10 3.61	+15 15.2	1.511	2.484	5.7	18.6
3 12	9 55.60	+16 30.7	1.531	2.461	10.4	18.8
3 22	9 49.49	+17 30.0	1.575	2.437	14.6	19.0

109084 2001 QH_{27} 2 20.6 87.°47 6.°1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 48.38	+26 18.8	1.820	2.609	15.5	19.3
1 22	10 42.90	+26 58.7	1.756	2.624	12.4	19.2
2 1	10 34.50	+27 37.6	1.714	2.639	9.1	19.0
2 11	10 23.96	+28 7.4	1.697	2.654	6.5	18.9
2 21	10 12.43	+28 20.9	1.709	2.669	6.4	18.9
3 2	10 1.25	+28 13.6	1.749	2.684	8.7	19.1
3 12	9 51.67	+27 45.1	1.815	2.698	11.8	19.3
3 22	9 44.55	+26 58.0	1.903	2.712	14.7	19.5

205460 2001 QA_{37} 2 20.6 153.°43 0.°4/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.19	+ 9 31.4	2.893	3.644	11.2	21.1
1 22	10 32.27	+10 6.2	2.801	3.652	8.9	20.9
2 1	10 26.73	+10 50.3	2.733	3.660	6.1	20.8
2 11	10 19.99	+11 40.5	2.694	3.667	3.0	20.6
2 21	10 12.58	+12 32.9	2.685	3.673	0.4	20.4
3 2	10 5.18	+13 23.3	2.707	3.679	3.5	20.6
3 12	9 58.45	+14 7.7	2.759	3.685	6.5	20.8
3 22	9 52.92	+14 43.6	2.839	3.690	9.2	21.0

64361 2001 UK_{98} 2 20.6 292.°60 5.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.11	+20 1.2	1.428	2.241	17.8	18.6
1 22	10 37.55	+21 8.8	1.342	2.229	14.2	18.3
2 1	10 31.64	+22 27.3	1.277	2.217	10.1	18.0
2 11	10 22.92	+23 46.7	1.236	2.205	6.5	17.8
2 21	10 12.47	+24 55.5	1.221	2.193	6.3	17.7
3 2	10 1.84	+25 43.3	1.231	2.182	9.8	17.9
3 12	9 52.70	+26 4.2	1.265	2.171	14.2	18.1
3 22	9 46.26	+25 57.7	1.320	2.159	18.3	18.3

81994 2000 QT_{184} 2 20.6 202.°11 2.°0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.62	+17 8.5	2.817	3.584	11.1	19.8
1 22	10 35.08	+17 30.7	2.719	3.581	8.7	19.6
2 1	10 28.73	+17 57.5	2.646	3.577	6.0	19.5
2 11	10 21.02	+18 25.1	2.601	3.573	3.2	19.3
2 21	10 12.55	+18 49.5	2.586	3.568	2.2	19.2
3 2	10 4.07	+19 7.1	2.603	3.563	4.6	19.3
3 12	9 56.33	+19 15.3	2.648	3.558	7.5	19.5
3 22	9 49.94	+19 13.0	2.721	3.553	10.1	19.7

488527 2001 RZ_{13} 2 20.6 143.°85 0.°2/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.85	+ 7 19.6	1.926	2.681	15.9	22.8
1 22	10 38.34	+ 7 49.3	1.842	2.693	12.7	22.6
2 1	10 31.35	+ 8 34.3	1.781	2.706	8.9	22.4
2 11	10 22.45	+ 9 30.6	1.745	2.717	4.5	22.2
2 21	10 12.50	+10 32.3	1.739	2.727	0.2	21.8
3 2	10 2.61	+11 32.7	1.762	2.737	4.7	22.2
3 12	9 53.86	+12 25.6	1.814	2.746	8.9	22.5
3 22	9 47.08	+13 6.8	1.892	2.753	12.6	22.7

183407 2002 YU_{6} 2 20.6 93.°86 1.°7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.49	+12 2.7	1.979	2.750	15.0	20.2
1 22	10 37.05	+12 56.0	1.914	2.778	11.7	20.0
2 1	10 30.28	+14 0.5	1.872	2.805	7.9	19.9
2 11	10 21.82	+15 10.3	1.857	2.831	3.9	19.7
2 21	10 12.53	+16 18.3	1.871	2.857	1.9	19.6
3 2	10 3.45	+17 18.0	1.916	2.883	5.3	19.8
3 12	9 55.56	+18 4.3	1.988	2.908	9.0	20.1
3 22	9 49.57	+18 35.3	2.086	2.932	12.2	20.4

378845 2008 TE_{17} 2 20.7 31°.73 0°.1/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.08	+ 9 10.7	2.016	2.786	14.8	21.3
1 22	10 33.77	+ 9 27.5	1.927	2.788	11.8	21.1
2 1	10 28.19	+ 9 56.8	1.861	2.791	8.2	20.8
2 11	10 20.86	+10 35.2	1.820	2.793	4.1	20.6
2 21	10 12.57	+11 17.7	1.807	2.796	0.2	20.3
3 2	10 4.26	+11 59.1	1.824	2.799	4.5	20.6
3 12	9 56.95	+12 34.1	1.868	2.802	8.5	20.9
3 22	9 51.38	+12 59.2	1.937	2.805	12.0	21.1

93435 2000 SS_{320} 2 20.7 76°.12 5°.8/16.2 18

1 12	10 45.24	+25 35.5	1.880	2.672	14.9	19.1
1 22	10 40.32	+26 24.0	1.819	2.690	11.9	19.0
2 1	10 32.68	+27 12.5	1.781	2.708	8.7	18.8
2 11	10 23.05	+27 52.9	1.769	2.726	6.2	18.7
2 21	10 12.50	+28 18.0	1.784	2.744	6.2	18.7
3 2	10 2.26	+28 23.3	1.828	2.762	8.5	18.9
3 12	9 53.50	+28 7.6	1.897	2.779	11.4	19.1
3 22	9 47.00	+27 33.1	1.990	2.797	14.2	19.3

216784 2006 QV_{182} 2 20.7 302°.44 1°.1/21.4 18

1 12	10 36.93	+ 6 24.4	1.535	2.316	18.2	20.9
1 22	10 34.66	+ 6 29.9	1.434	2.299	14.9	20.6
2 1	10 29.47	+ 6 54.2	1.352	2.282	10.6	20.3
2 11	10 21.80	+ 7 34.9	1.293	2.265	5.7	20.0
2 21	10 12.53	+ 8 27.0	1.260	2.249	1.1	19.6
3 2	10 2.96	+ 9 23.3	1.254	2.233	5.4	19.9
3 12	9 54.52	+10 15.5	1.274	2.217	10.7	20.1
3 22	9 48.35	+10 57.2	1.316	2.201	15.4	20.4

335659 2006 RZ_{25} 2 20.7 69°.81 2°.5/23.6 18

1 12	10 33.98	− 1 56.4	2.312	3.032	14.5	20.5
1 22	10 30.90	− 1 16.2	2.231	3.053	11.9	20.4
2 1	10 25.96	− 0 16.6	2.172	3.074	8.8	20.2
2 11	10 19.65	+ 0 59.9	2.138	3.094	5.4	20.0
2 21	10 12.62	+ 2 28.6	2.133	3.115	2.7	19.9
3 2	10 5.67	+ 4 3.3	2.159	3.135	3.8	20.0
3 12	9 59.55	+ 5 36.8	2.214	3.155	6.9	20.2
3 22	9 54.88	+ 7 3.1	2.297	3.176	10.0	20.5

497759 2006 SB_{290} 2 20.7 172°.19 3°.5/16.1 17

1 12	10 37.43	+22 12.4	3.051	3.828	10.1	22.3
1 22	10 33.27	+23 7.8	2.965	3.831	8.0	22.1
2 1	10 27.44	+24 5.8	2.906	3.834	5.7	22.0
2 11	10 20.36	+25 1.5	2.875	3.836	3.8	21.9
2 21	10 12.60	+25 50.1	2.874	3.838	3.8	21.9
3 2	10 4.83	+26 27.6	2.904	3.839	5.6	22.0
3 12	9 57.76	+26 51.6	2.962	3.840	7.9	22.1
3 22	9 51.94	+27 1.4	3.045	3.840	10.1	22.3

138754 2000 SA_{272} 2 20.7 238°.00 6°.2/27.3 18

1 12	10 36.26	−11 22.6	2.808	3.452	13.7	20.3
1 22	10 32.58	−12 1.1	2.692	3.441	12.0	20.2
2 1	10 27.14	−12 23.0	2.596	3.431	10.1	20.0
2 11	10 20.30	−12 26.4	2.523	3.419	8.0	19.8
2 21	10 12.60	−12 11.0	2.476	3.408	6.5	19.7
3 2	10 4.74	−11 38.0	2.458	3.396	6.3	19.7
3 12	9 57.46	−10 51.3	2.468	3.384	7.6	19.8
3 22	9 51.40	− 9 55.6	2.505	3.372	9.7	19.9

277146 2005 LW_{43} 2 20.7 168°.07 1°.8/22.0 18

1 12	10 43.58	+ 3 50.6	1.818	2.563	17.1	21.9
1 22	10 39.19	+ 3 59.8	1.727	2.568	13.9	21.7
2 1	10 32.12	+ 4 26.9	1.656	2.573	10.0	21.5
2 11	10 22.93	+ 5 9.7	1.611	2.577	5.7	21.2
2 21	10 12.52	+ 6 3.6	1.593	2.580	1.9	21.0
3 2	10 2.05	+ 7 2.2	1.605	2.582	4.7	21.2
3 12	9 52.75	+ 7 58.4	1.646	2.583	9.1	21.5
3 22	9 45.53	+ 8 46.7	1.711	2.583	13.2	21.7

461961 2006 UO_{62} 2 20.7 27°.33 9°.9/28.9 16

1 12	10 32.61	−11 38.9	1.171	1.906	25.3	20.2
1 22	10 31.53	−12 37.0	1.118	1.928	21.9	20.0
2 1	10 27.26	−12 57.5	1.078	1.952	18.1	19.9
2 11	10 20.55	−12 36.7	1.056	1.977	14.1	19.7
2 21	10 12.61	−11 35.9	1.054	2.004	10.9	19.6
3 2	10 4.90	−10 2.7	1.075	2.032	10.0	19.6
3 12	9 58.85	− 8 10.5	1.119	2.061	11.9	19.8
3 22	9 55.37	− 6 13.9	1.184	2.092	15.0	20.1

306687 2000 UE_{43} 2 20.7 152°.98 2°.0/18.8 18

1 12	10 43.19	+13 59.2	2.158	2.925	14.1	22.5
1 22	10 38.39	+14 45.4	2.074	2.936	11.1	22.3
2 1	10 31.27	+15 41.3	2.015	2.946	7.5	22.1
2 11	10 22.39	+16 41.2	1.982	2.955	3.8	21.9
2 21	10 12.55	+17 38.8	1.980	2.964	2.2	21.8
3 2	10 2.76	+18 28.1	2.008	2.971	5.4	22.0
3 12	9 54.02	+19 4.6	2.064	2.978	9.0	22.3
3 22	9 47.10	+19 26.3	2.146	2.984	12.3	22.5

474030 2016 GD_{151} 2 20.7 161°.63 0°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 34.09	+ 4 33.4	2.934	3.670	11.4	21.7
1 22	10 30.65	+ 5 22.2	2.835	3.674	9.1	21.5
2 1	10 25.66	+ 6 23.8	2.761	3.679	6.4	21.3
2 11	10 19.49	+ 7 35.5	2.714	3.683	3.4	21.1
2 21	10 12.66	+ 8 53.1	2.698	3.686	0.6	20.9
3 2	10 5.80	+10 11.5	2.714	3.690	3.2	21.1
3 12	9 59.55	+11 25.9	2.761	3.693	6.2	21.3
3 22	9 54.42	+12 32.2	2.835	3.695	8.9	21.5

393894 2005 TR_{121} 2 20.7 224°.35 1°.4/21.7 15

1 12	10 41.39	+ 4 31.5	1.809	2.562	16.9	23.0
1 22	10 37.69	+ 4 48.9	1.704	2.551	13.8	22.8
2 1	10 31.28	+ 5 25.2	1.620	2.540	9.9	22.5
2 11	10 22.62	+ 6 18.0	1.560	2.528	5.5	22.2
2 21	10 12.55	+ 7 22.4	1.528	2.516	1.4	21.9
3 2	10 2.21	+ 8 31.5	1.525	2.502	4.9	22.1
3 12	9 52.88	+ 9 37.3	1.550	2.488	9.6	22.4
3 22	9 45.58	+10 33.7	1.600	2.473	13.9	22.6

498221 2007 TG_{448} 2 20.7 88°.97 0°.0/20.7 18

1 12	10 37.30	+ 8 38.1	2.343	3.101	13.3	22.2
1 22	10 33.49	+ 8 59.9	2.263	3.117	10.6	22.0
2 1	10 27.74	+ 9 32.7	2.206	3.132	7.3	21.8
2 11	10 20.55	+10 13.3	2.175	3.147	3.7	21.6
2 21	10 12.63	+10 57.4	2.174	3.163	0.1	21.3
3 2	10 4.78	+11 40.1	2.203	3.178	3.9	21.7
3 12	9 57.83	+12 17.3	2.261	3.193	7.4	21.9
3 22	9 52.38	+12 45.7	2.345	3.207	10.4	22.1

215865 2005 ET_{144} 2 20.7 71°.47 0°.7/21.4 18

1 12	10 35.27	+ 5 40.9	2.134	2.891	14.5	20.7
1 22	10 32.19	+ 6 9.3	2.047	2.898	11.6	20.5
2 1	10 27.02	+ 6 52.9	1.981	2.905	8.2	20.3
2 11	10 20.27	+ 7 48.4	1.942	2.912	4.3	20.0
2 21	10 12.64	+ 8 50.9	1.931	2.919	0.7	19.8
3 2	10 5.02	+ 9 54.5	1.950	2.927	4.0	20.0
3 12	9 58.29	+10 53.3	1.997	2.934	7.8	20.3
3 22	9 53.16	+11 42.7	2.070	2.941	11.2	20.5

249826 2001 HB_{51} 2 20.7 324°.83 3°.3/22.8 18

1 12	10 36.61	+ 2 53.4	1.468	2.241	19.3	19.9
1 22	10 34.46	+ 2 30.5	1.373	2.229	16.0	19.6
2 1	10 29.35	+ 2 27.3	1.297	2.218	11.9	19.3
2 11	10 21.74	+ 2 43.6	1.242	2.207	7.2	19.0
2 21	10 12.59	+ 3 16.7	1.213	2.197	3.4	18.8
3 2	10 3.19	+ 4 0.7	1.209	2.187	5.7	18.9
3 12	9 55.00	+ 4 48.1	1.231	2.178	10.5	19.1
3 22	9 49.15	+ 5 31.5	1.275	2.170	15.1	19.3

451703 2013 CC_{67} 2 20.7 3°.09 3°.4/22.5 15

1 12	10 36.62	+ 4 18.7	1.156	1.953	22.1	21.2
1 22	10 35.06	+ 3 42.2	1.080	1.951	18.1	21.0
2 1	10 30.03	+ 3 26.9	1.022	1.951	13.3	20.7
2 11	10 22.14	+ 3 32.6	0.984	1.952	7.9	20.4
2 21	10 12.58	+ 3 55.9	0.968	1.954	3.5	20.1
3 2	10 2.97	+ 4 30.4	0.977	1.957	6.3	20.3
3 12	9 55.01	+ 5 7.3	1.009	1.961	11.7	20.6
3 22	9 49.90	+ 5 39.1	1.062	1.966	16.7	20.9

131892 2002 AJ_{182} 2 20.7 83°.22 1°.8/19.5 18

1 12	10 45.89	+13 8.8	1.522	2.306	18.2	20.5
1 22	10 41.21	+13 35.5	1.461	2.331	14.3	20.3
2 1	10 33.50	+14 14.0	1.420	2.355	9.7	20.1
2 11	10 23.55	+14 58.1	1.405	2.379	4.8	19.8
2 21	10 12.55	+15 40.2	1.416	2.403	2.0	19.7
3 2	10 1.89	+16 13.3	1.456	2.426	6.2	20.0
3 12	9 52.89	+16 33.0	1.522	2.449	10.6	20.3
3 22	9 46.42	+16 37.7	1.612	2.472	14.5	20.6

188650 2005 SH_{35} 2 20.7 102°.07 1°.8/22.4 18

1 12	10 36.58	+ 2 14.8	1.940	2.687	16.1	20.8
1 22	10 33.44	+ 2 40.1	1.854	2.696	13.1	20.6
2 1	10 28.01	+ 3 24.5	1.788	2.705	9.4	20.3
2 11	10 20.81	+ 4 25.3	1.748	2.713	5.4	20.1
2 21	10 12.64	+ 5 37.6	1.736	2.722	1.9	19.9
3 2	10 4.47	+ 6 54.6	1.753	2.730	4.3	20.1
3 12	9 57.30	+ 8 8.9	1.798	2.738	8.3	20.3
3 22	9 51.91	+ 9 14.5	1.868	2.746	11.9	20.6

425181 2009 UJ_{38} 2 20.7 160°.83 7°.4/13.5 18

1 12	10 42.85	+30 22.5	2.087	2.880	13.6	20.9
1 22	10 38.57	+31 40.1	2.017	2.882	11.2	20.7
2 1	10 31.63	+32 55.8	1.970	2.884	8.8	20.6
2 11	10 22.65	+34 0.7	1.949	2.886	7.5	20.5
2 21	10 12.58	+34 46.7	1.955	2.887	8.0	20.5
3 2	10 2.60	+35 8.5	1.989	2.889	9.9	20.6
3 12	9 53.88	+35 4.6	2.047	2.890	12.4	20.8
3 22	9 47.28	+34 37.1	2.127	2.891	14.8	21.0

133096 2003 NY_7 2 20.7 157°.00 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.97	+11 45.6	2.059	2.824	14.7	20.7
1 22	10 38.35	+12 16.2	1.973	2.832	11.7	20.5
2 1	10 31.33	+12 57.8	1.909	2.839	8.0	20.3
2 11	10 22.47	+13 45.8	1.872	2.846	4.0	20.1
2 21	10 12.60	+14 34.4	1.865	2.852	1.3	19.9
3 2	10 2.75	+15 17.8	1.887	2.857	5.0	20.2
3 12	9 53.99	+15 51.2	1.938	2.862	8.9	20.4
3 22	9 47.09	+16 12.0	2.015	2.865	12.4	20.6

61910 2000 QW_{243} 2 20.7 63°.33 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.12	+ 9 26.5	1.724	2.506	16.5	19.1
1 22	10 34.07	+10 21.6	1.656	2.525	13.0	18.9
2 1	10 28.52	+11 32.5	1.609	2.543	8.8	18.7
2 11	10 21.07	+12 53.1	1.587	2.562	4.3	18.4
2 21	10 12.65	+14 15.5	1.594	2.581	1.3	18.3
3 2	10 4.37	+15 31.2	1.629	2.601	5.4	18.6
3 12	9 57.31	+16 33.6	1.691	2.620	9.6	18.9
3 22	9 52.26	+17 18.9	1.777	2.639	13.3	19.1

202142 2004 TA_{273} 2 20.7 95°.48 1°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.28	+ 5 38.6	2.071	2.824	15.0	20.6
1 22	10 34.58	+ 5 47.5	1.986	2.834	12.1	20.4
2 1	10 28.69	+ 6 10.7	1.923	2.844	8.6	20.2
2 11	10 21.12	+ 6 45.4	1.885	2.854	4.7	20.0
2 21	10 12.65	+ 7 27.7	1.876	2.863	1.2	19.7
3 2	10 4.22	+ 8 12.4	1.896	2.873	4.1	20.0
3 12	9 56.78	+ 8 54.2	1.944	2.882	7.9	20.2
3 22	9 51.04	+ 9 28.9	2.019	2.892	11.4	20.4

74515 1999 FL_{28} 2 20.7 11°.50 2°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.42	+17 6.1	2.042	2.826	14.2	18.4
1 22	10 36.41	+17 20.3	1.956	2.827	11.2	18.2
2 1	10 30.01	+17 40.2	1.893	2.828	7.7	18.0
2 11	10 21.81	+18 1.2	1.857	2.830	4.1	17.8
2 21	10 12.63	+18 18.1	1.848	2.832	2.6	17.7
3 2	10 3.51	+18 26.5	1.869	2.834	5.6	17.9
3 12	9 55.48	+18 23.4	1.917	2.837	9.3	18.1
3 22	9 49.32	+18 8.1	1.990	2.839	12.6	18.3

65602 3192 $T\text{-}_3$ 2 20.7 29°.65 1°.1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.98	+ 4 59.8	0.978	1.796	23.8	18.0
1 22	10 33.15	+ 5 22.4	0.927	1.813	19.0	17.8
2 1	10 28.67	+ 6 13.7	0.893	1.832	13.4	17.5
2 11	10 21.37	+ 7 27.7	0.878	1.852	7.0	17.3
2 21	10 12.66	+ 8 54.1	0.885	1.874	1.1	17.0
3 2	10 4.28	+10 19.6	0.917	1.897	6.3	17.4
3 12	9 57.86	+11 32.3	0.970	1.921	12.2	17.8
3 22	9 54.42	+12 25.0	1.044	1.946	17.1	18.1

234479 2001 SZ_{317} 2 20.7 280°.85 2°.8/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.24	+14 3.7	1.463	2.263	18.1	20.8
1 22	10 37.41	+14 45.1	1.377	2.257	14.4	20.6
2 1	10 31.40	+15 40.8	1.311	2.251	9.9	20.3
2 11	10 22.78	+16 44.2	1.269	2.245	5.1	20.0
2 21	10 12.61	+17 46.3	1.254	2.238	3.0	19.8
3 2	10 2.31	+18 37.6	1.265	2.232	7.3	20.1
3 12	9 53.41	+19 11.5	1.301	2.226	12.2	20.3
3 22	9 47.05	+19 25.0	1.359	2.221	16.6	20.6

432911 2011 QL_{42} 2 20.7 193°.78 0°.9/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.33	+ 6 55.0	2.873	3.610	11.6	21.8
1 22	10 34.01	+ 6 53.4	2.769	3.608	9.3	21.6
2 1	10 28.00	+ 7 0.9	2.689	3.606	6.6	21.4
2 11	10 20.71	+ 7 15.8	2.636	3.603	3.6	21.2
2 21	10 12.69	+ 7 35.6	2.613	3.601	0.9	21.0
3 2	10 4.63	+ 7 57.2	2.622	3.598	3.2	21.2
3 12	9 57.22	+ 8 17.4	2.660	3.594	6.3	21.4
3 22	9 51.06	+ 8 33.7	2.727	3.590	9.1	21.6

130813 2000 UM_8 2 20.7 61°.37 8°.9/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.58	+28 33.8	1.416	2.228	18.0	19.3
1 22	10 41.69	+29 56.7	1.363	2.242	14.5	19.1
2 1	10 34.22	+31 18.1	1.331	2.257	11.2	19.0
2 11	10 24.06	+32 25.5	1.323	2.271	9.0	18.9
2 21	10 12.58	+33 7.7	1.340	2.286	9.4	19.0
3 2	10 1.50	+33 18.4	1.382	2.301	11.9	19.1
3 12	9 52.41	+32 57.2	1.446	2.316	15.1	19.4
3 22	9 46.29	+32 8.9	1.530	2.331	18.0	19.6

376 Geometria 2 20.7 270°.30 2°.0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.47	+ 5 21.4	1.645	2.408	17.9	13.4
1 22	10 38.15	+ 5 7.9	1.537	2.390	14.7	13.1
2 1	10 31.86	+ 5 10.6	1.450	2.372	10.7	12.8
2 11	10 23.06	+ 5 28.7	1.385	2.353	6.1	12.5
2 21	10 12.60	+ 5 58.6	1.347	2.334	2.1	12.2
3 2	10 1.77	+ 6 35.2	1.337	2.315	5.3	12.4
3 12	9 52.01	+ 7 11.6	1.354	2.295	10.3	12.6
3 22	9 44.48	+ 7 42.2	1.394	2.276	15.0	12.8

153915 2001 XE_{252} 2 20.7 39°.59 0°.6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.23	+ 6 57.1	1.797	2.568	16.4	20.3
1 22	10 34.19	+ 7 14.1	1.712	2.571	13.1	20.1
2 1	10 28.68	+ 7 46.9	1.647	2.575	9.2	19.9
2 11	10 21.22	+ 8 32.5	1.607	2.578	4.8	19.6
2 21	10 12.67	+ 9 25.3	1.594	2.582	0.6	19.3
3 2	10 4.11	+10 18.9	1.609	2.586	4.7	19.6
3 12	9 56.65	+11 6.8	1.652	2.591	9.0	19.9
3 22	9 51.13	+11 44.5	1.719	2.595	12.9	20.1

377378 2004 RU_{207} 2 20.7 194°.21 4°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.28	− 6 53.5	2.758	3.427	13.5	22.5
1 22	10 34.13	− 7 9.4	2.647	3.424	11.5	22.3
2 1	10 28.19	− 7 8.9	2.557	3.421	9.2	22.1
2 11	10 20.85	− 6 51.5	2.492	3.417	6.8	22.0
2 21	10 12.69	− 6 18.0	2.455	3.412	4.9	21.8
3 2	10 4.41	− 5 31.0	2.448	3.407	5.0	21.8
3 12	9 56.78	− 4 35.2	2.471	3.401	6.9	21.9
3 22	9 50.42	− 3 35.4	2.521	3.394	9.4	22.1

205631 2001 VB_{89} 2 20.7 158°.23 2°.0/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.31	+ 2 40.5	2.743	3.467	12.4	21.2
1 22	10 33.28	+ 2 36.1	2.645	3.471	10.1	21.1
2 1	10 27.52	+ 2 43.5	2.569	3.476	7.4	20.9
2 11	10 20.47	+ 3 1.6	2.520	3.479	4.5	20.7
2 21	10 12.71	+ 3 27.9	2.500	3.483	2.1	20.5
3 2	10 4.92	+ 3 59.4	2.511	3.486	3.4	20.6
3 12	9 57.82	+ 4 32.3	2.552	3.489	6.3	20.8
3 22	9 51.99	+ 5 3.0	2.620	3.492	9.2	21.0

522384 2016 CX_{304} 2 20.7 293°.48 2°.9/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.37	+14 18.7	1.789	2.583	15.5	21.8
1 22	10 33.88	+15 15.9	1.686	2.563	12.3	21.5
2 1	10 28.74	+16 27.2	1.605	2.544	8.5	21.2
2 11	10 21.41	+17 46.4	1.550	2.524	4.5	21.0
2 21	10 12.67	+19 5.3	1.522	2.505	3.2	20.8
3 2	10 3.67	+20 14.9	1.522	2.485	6.9	21.0
3 12	9 55.64	+21 8.2	1.549	2.466	11.2	21.2
3 22	9 49.62	+21 41.3	1.598	2.447	15.2	21.4

9570 1988 RQ_5 2 20.7 159°.30 1°.1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.56	+ 5 4.0	2.257	3.006	14.1	18.2
1 22	10 33.13	+ 5 21.3	2.162	3.008	11.3	18.0
2 1	10 27.66	+ 5 52.9	2.090	3.010	8.1	17.8
2 11	10 20.63	+ 6 36.3	2.043	3.011	4.4	17.5
2 21	10 12.71	+ 7 27.4	2.025	3.013	1.1	17.3
3 2	10 4.75	+ 8 21.2	2.037	3.014	3.8	17.5
3 12	9 57.63	+ 9 12.2	2.078	3.016	7.5	17.7
3 22	9 52.04	+ 9 56.1	2.145	3.017	10.9	17.9

205893 2002 GO_{46} 2 20.7 274°.65 3°.1/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.52	+14 16.1	1.659	2.454	16.5	20.2
1 22	10 35.81	+15 13.5	1.559	2.437	13.1	20.0
2 1	10 30.22	+16 25.8	1.482	2.420	9.1	19.7
2 11	10 22.21	+17 46.5	1.429	2.403	4.8	19.4
2 21	10 12.66	+19 6.6	1.403	2.386	3.4	19.3
3 2	10 2.82	+20 16.4	1.406	2.369	7.3	19.4
3 12	9 54.09	+21 8.2	1.434	2.352	11.9	19.7
3 22	9 47.58	+21 38.5	1.484	2.334	16.1	19.9

379029 2008 VP_{51} 2 20.7 46°.46 0°.0/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.64	+ 8 50.3	1.814	2.589	16.1	21.0
1 22	10 34.31	+ 9 8.8	1.745	2.608	12.7	20.8
2 1	10 28.58	+ 9 41.0	1.698	2.629	8.8	20.6
2 11	10 21.09	+10 22.6	1.676	2.649	4.4	20.4
2 21	10 12.71	+11 8.2	1.681	2.670	0.2	20.1
3 2	10 4.51	+11 51.7	1.715	2.691	4.6	20.5
3 12	9 57.48	+12 27.9	1.776	2.712	8.7	20.8
3 22	9 52.38	+12 53.3	1.862	2.734	12.3	21.1

13970 1991 RH_{27} 2 20.7 196°.81 0°.1/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.10	+ 7 30.1	1.901	2.661	15.9	18.8
1 22	10 37.25	+ 8 7.0	1.804	2.658	12.8	18.6
2 1	10 30.84	+ 9 0.6	1.728	2.655	8.9	18.3
2 11	10 22.37	+10 6.9	1.679	2.651	4.5	18.0
2 21	10 12.67	+11 19.7	1.657	2.646	0.2	17.7
3 2	10 2.83	+12 31.4	1.666	2.641	4.9	18.0
3 12	9 54.02	+13 35.0	1.703	2.634	9.4	18.3
3 22	9 47.16	+14 25.4	1.765	2.627	13.3	18.5

218643 2005 SZ_{39} 2 20.7 242°.03 1°.3/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.06	+12 17.4	2.057	2.829	14.5	21.4
1 22	10 36.28	+12 44.2	1.955	2.818	11.5	21.2
2 1	10 30.09	+13 22.1	1.875	2.807	8.0	21.0
2 11	10 21.97	+14 6.8	1.821	2.796	4.0	20.7
2 21	10 12.69	+14 52.7	1.797	2.784	1.4	20.5
3 2	10 3.25	+15 34.0	1.801	2.772	5.2	20.7
3 12	9 54.75	+16 5.5	1.834	2.759	9.2	20.9
3 22	9 48.05	+16 24.4	1.892	2.746	12.9	21.1

192783 1999 UV_{26} 2 20.7 170°.57 1°.5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.32	+ 4 0.1	2.506	3.239	13.2	21.0
1 22	10 34.27	+ 4 8.2	2.408	3.243	10.7	20.8
2 1	10 28.33	+ 4 29.3	2.332	3.245	7.7	20.6
2 11	10 20.94	+ 5 1.4	2.283	3.248	4.4	20.4
2 21	10 12.73	+ 5 41.5	2.264	3.250	1.6	20.2
3 2	10 4.48	+ 6 25.4	2.275	3.251	3.6	20.4
3 12	9 57.00	+ 7 8.5	2.315	3.252	6.9	20.6
3 22	9 50.93	+ 7 47.0	2.383	3.252	10.0	20.8

455555 2004 NX_{19} 2 20.7 217°.21 2°.1/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.84	+13 23.8	2.448	3.217	12.5	22.1
1 22	10 34.14	+14 31.0	2.345	3.209	9.9	21.9
2 1	10 28.41	+15 49.4	2.266	3.199	6.7	21.7
2 11	10 21.07	+17 13.8	2.216	3.189	3.5	21.5
2 21	10 12.74	+18 37.8	2.195	3.178	2.4	21.4
3 2	10 4.26	+19 54.6	2.206	3.167	5.3	21.6
3 12	9 56.51	+20 58.8	2.246	3.155	8.7	21.7
3 22	9 50.23	+21 47.2	2.312	3.142	11.7	21.9

101714 1999 DQ_4 2 20.7 58°.05 0°.7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.59	+ 7 20.4	1.586	2.360	18.0	19.1
1 22	10 36.97	+ 7 26.7	1.519	2.380	14.4	18.9
2 1	10 30.61	+ 7 49.2	1.472	2.400	10.1	18.7
2 11	10 22.17	+ 8 24.1	1.449	2.420	5.2	18.5
2 21	10 12.71	+ 9 5.8	1.452	2.441	0.8	18.2
3 2	10 3.46	+ 9 47.8	1.484	2.461	4.9	18.5
3 12	9 55.61	+10 24.0	1.542	2.482	9.5	18.8
3 22	9 50.00	+10 50.1	1.625	2.503	13.4	19.1

347082 2010 GV_{39} 2 20.7 15°.94 5°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.63	− 0 12.4	1.243	2.014	22.2	20.5
1 22	10 36.45	− 0 55.5	1.165	2.016	18.6	20.2
2 1	10 30.92	− 1 14.4	1.104	2.018	14.2	19.9
2 11	10 22.62	− 1 7.5	1.063	2.021	9.3	19.7
2 21	10 12.69	− 0 36.7	1.046	2.024	5.6	19.5
3 2	10 2.69	+ 0 12.1	1.053	2.028	6.9	19.6
3 12	9 54.25	+ 1 9.3	1.084	2.033	11.4	19.8
3 22	9 48.55	+ 2 5.4	1.137	2.038	16.0	20.1

150738 2001 QP_{62} 2 20.7 132°.34 0°.3/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.65	+ 7 53.6	2.355	3.101	13.6	21.1
1 22	10 36.91	+ 8 10.8	2.271	3.117	10.9	20.9
2 1	10 30.12	+ 8 39.3	2.211	3.133	7.6	20.7
2 11	10 21.83	+ 9 16.1	2.177	3.148	3.9	20.5
2 21	10 12.73	+ 9 57.0	2.173	3.162	0.3	20.3
3 2	10 3.71	+10 37.3	2.200	3.175	3.8	20.6
3 12	9 55.63	+11 12.9	2.257	3.188	7.4	20.8
3 22	9 49.15	+11 40.5	2.341	3.200	10.6	21.0

195279 2002 EP_{72} 2 20.7 318°.02 4°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.08	− 3 20.5	1.840	2.573	17.3	19.8
1 22	10 31.03	− 3 13.0	1.738	2.563	14.6	19.6
2 1	10 26.61	− 2 41.6	1.654	2.554	11.2	19.3
2 11	10 20.28	− 1 46.3	1.594	2.545	7.5	19.1
2 21	10 12.78	− 0 30.1	1.560	2.537	4.4	18.9
3 2	10 5.10	+ 1 0.6	1.553	2.528	5.2	18.9
3 12	9 58.32	+ 2 37.1	1.574	2.520	8.7	19.1
3 22	9 53.33	+ 4 10.5	1.620	2.513	12.6	19.3

205060 1999 LB_9 2 20.7 296°.26 5°.9/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.63	+24 35.7	2.221	3.018	12.8	20.5
1 22	10 33.74	+26 1.4	2.116	2.991	10.3	20.3
2 1	10 28.47	+27 32.8	2.036	2.964	7.7	20.1
2 11	10 21.24	+29 2.1	1.982	2.936	6.0	19.9
2 21	10 12.75	+30 20.7	1.957	2.909	6.5	19.9
3 2	10 3.97	+31 21.2	1.960	2.881	8.9	20.0
3 12	9 56.01	+31 58.9	1.989	2.853	11.8	20.1
3 22	9 49.77	+32 12.6	2.040	2.826	14.7	20.2

266052 2006 PB_2 2 20.7 132°.66 4°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.83	− 2 9.9	1.965	2.678	17.0	21.1
1 22	10 38.36	− 2 46.3	1.877	2.688	14.2	20.9
2 1	10 31.44	− 3 5.0	1.808	2.698	11.0	20.7
2 11	10 22.61	− 3 5.2	1.763	2.707	7.5	20.5
2 21	10 12.71	− 2 48.2	1.745	2.716	5.0	20.4
3 2	10 2.80	− 2 17.4	1.757	2.725	5.6	20.5
3 12	9 53.96	− 1 38.3	1.796	2.732	8.6	20.6
3 22	9 47.03	− 0 56.9	1.861	2.740	11.9	20.9

205229 2000 QK_{103} 2 20.7 103°.45 4°.2/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.98	+18 12.4	1.702	2.493	16.3	20.0
1 22	10 39.61	+19 17.2	1.638	2.513	12.8	19.8
2 1	10 32.41	+20 30.1	1.597	2.532	8.8	19.6
2 11	10 23.09	+21 42.5	1.581	2.551	5.2	19.5
2 21	10 12.70	+22 45.5	1.593	2.569	4.5	19.5
3 2	10 2.53	+23 31.8	1.634	2.586	7.6	19.7
3 12	9 53.83	+23 57.5	1.700	2.604	11.3	19.9
3 22	9 47.43	+24 2.4	1.790	2.620	14.6	20.2

135348 2001 TP_{55} 2 20.7 164°.69 4°.2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.26	+23 1.7	2.598	3.383	11.5	20.0
1 22	10 34.30	+23 58.9	2.516	3.385	9.1	19.9
2 1	10 28.37	+24 58.8	2.459	3.388	6.5	19.7
2 11	10 20.97	+25 55.4	2.429	3.390	4.5	19.6
2 21	10 12.77	+26 43.1	2.429	3.392	4.6	19.6
3 2	10 4.58	+27 17.3	2.459	3.393	6.6	19.7
3 12	9 57.24	+27 35.3	2.516	3.395	9.1	19.9
3 22	9 51.39	+27 36.9	2.597	3.396	11.5	20.0

36410 2000 OL_{49} 2 20.7 173°.01 3°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.04	+17 52.9	1.909	2.691	15.1	19.4
1 22	10 39.55	+18 41.2	1.825	2.695	11.9	19.2
2 1	10 32.38	+19 37.5	1.763	2.697	8.3	19.0
2 11	10 23.13	+20 34.7	1.728	2.699	4.7	18.7
2 21	10 12.70	+21 25.5	1.722	2.700	3.8	18.7
3 2	10 2.29	+22 3.0	1.745	2.701	6.9	18.9
3 12	9 53.09	+22 23.3	1.795	2.701	10.6	19.1
3 22	9 45.99	+22 25.5	1.869	2.700	14.0	19.3

437518 2013 YZ_{92} 2 20.7 65°.57 0°.6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.55	+ 8 48.0	2.260	3.016	13.8	21.4
1 22	10 35.39	+ 8 42.2	2.174	3.025	11.0	21.2
2 1	10 29.16	+ 8 46.3	2.110	3.034	7.7	21.0
2 11	10 21.37	+ 8 58.0	2.072	3.043	4.0	20.8
2 21	10 12.76	+ 9 14.0	2.064	3.052	0.6	20.5
3 2	10 4.21	+ 9 30.6	2.085	3.061	3.9	20.8
3 12	9 56.59	+ 9 44.2	2.135	3.071	7.5	21.0
3 22	9 50.58	+ 9 52.2	2.212	3.080	10.8	21.2

273352 2006 UK_{69} 2 20.7 37°.80 2°.3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.98	+12 32.1	1.494	2.295	17.7	20.2
1 22	10 34.51	+13 23.6	1.424	2.304	13.9	20.0
2 1	10 29.15	+14 30.2	1.374	2.314	9.5	19.7
2 11	10 21.56	+15 44.7	1.348	2.324	4.8	19.5
2 21	10 12.75	+16 58.2	1.349	2.334	2.6	19.4
3 2	10 4.05	+18 1.5	1.377	2.345	6.7	19.6
3 12	9 56.74	+18 47.9	1.430	2.357	11.2	19.9
3 22	9 51.74	+19 14.4	1.505	2.368	15.1	20.2

190426 1999 VW_{138} 2 20.7 238°.98 2°.6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.41	+13 36.7	1.685	2.470	16.7	21.2
1 22	10 38.86	+14 26.6	1.585	2.456	13.3	20.9
2 1	10 32.34	+15 31.2	1.506	2.442	9.2	20.6
2 11	10 23.31	+16 44.2	1.453	2.427	4.8	20.3
2 21	10 12.70	+17 57.1	1.427	2.412	2.9	20.2
3 2	10 1.79	+19 0.7	1.430	2.395	6.9	20.4
3 12	9 52.03	+19 47.8	1.459	2.378	11.6	20.6
3 22	9 44.54	+20 14.9	1.511	2.361	15.9	20.8

22752 1998 VS_{34} 2 20.7 73°.92 3°.5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.46	− 3 15.2	1.743	2.476	18.2	18.5
1 22	10 32.84	− 2 44.7	1.661	2.488	15.0	18.3
2 1	10 27.76	− 1 48.0	1.598	2.501	11.3	18.1
2 11	10 20.80	− 0 27.0	1.558	2.513	7.2	17.9
2 21	10 12.78	+ 1 12.9	1.546	2.526	3.8	17.7
3 2	10 4.80	+ 3 3.1	1.562	2.539	4.8	17.8
3 12	9 57.92	+ 4 53.3	1.606	2.551	8.7	18.1
3 22	9 52.96	+ 6 34.8	1.676	2.564	12.5	18.3

268048 2004 QZ_{21} 2 20.7 159°.09 2°.3/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.92	+16 46.3	2.482	3.250	12.4	20.6
1 22	10 37.13	+17 16.3	2.395	3.257	9.8	20.4
2 1	10 30.30	+17 51.9	2.332	3.263	6.7	20.2
2 11	10 21.94	+18 28.6	2.296	3.268	3.6	20.0
2 21	10 12.76	+19 1.5	2.291	3.273	2.4	19.9
3 2	10 3.62	+19 26.4	2.317	3.278	5.1	20.1
3 12	9 55.38	+19 40.1	2.371	3.281	8.2	20.3
3 22	9 48.73	+19 41.7	2.452	3.285	11.1	20.5

381570 2008 UP_{92} 2 20.7 143°.44 7°.4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.93	+33 48.4	2.462	3.242	12.2	20.9
1 22	10 39.03	+35 5.1	2.398	3.251	10.1	20.8
2 1	10 31.76	+36 17.2	2.359	3.259	8.3	20.7
2 11	10 22.70	+37 16.8	2.347	3.267	7.4	20.7
2 21	10 12.73	+37 57.4	2.362	3.274	7.9	20.7
3 2	10 2.89	+38 14.8	2.405	3.281	9.5	20.8
3 12	9 54.21	+38 8.4	2.472	3.288	11.4	21.0
3 22	9 47.43	+37 40.3	2.562	3.294	13.4	21.1

239405 2007 TF_{48} 2 20.7 98°.84 1°.0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.04	+12 35.5	2.467	3.231	12.6	20.8
1 22	10 34.77	+13 0.1	2.390	3.249	9.9	20.6
2 1	10 28.60	+13 32.8	2.336	3.266	6.7	20.4
2 11	10 21.05	+14 9.5	2.310	3.283	3.3	20.2
2 21	10 12.80	+14 46.0	2.313	3.300	1.2	20.1
3 2	10 4.65	+15 18.0	2.347	3.317	4.2	20.3
3 12	9 57.40	+15 42.0	2.410	3.334	7.4	20.6
3 22	9 51.63	+15 56.2	2.500	3.350	10.3	20.8

279331 2009 XT_{19} 2 20.7 54°.72 0°.2/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.54	+ 8 28.7	2.040	2.806	14.8	21.3
1 22	10 34.16	+ 8 44.8	1.950	2.808	11.8	21.1
2 1	10 28.52	+ 9 13.7	1.882	2.810	8.2	20.9
2 11	10 21.15	+ 9 52.3	1.840	2.813	4.2	20.6
2 21	10 12.80	+10 35.8	1.826	2.815	0.2	20.3
3 2	10 4.43	+11 18.9	1.841	2.817	4.3	20.7
3 12	9 57.03	+11 56.2	1.885	2.820	8.4	20.9
3 22	9 51.35	+12 24.2	1.953	2.822	11.9	21.1

104713 2000 GO_{171} 2 20.7 352°.52 4°.6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.48	− 4 34.1	2.122	2.833	15.9	19.6
1 22	10 31.71	− 4 44.7	2.023	2.832	13.4	19.4
2 1	10 26.84	− 4 35.3	1.945	2.832	10.5	19.2
2 11	10 20.32	− 4 5.6	1.890	2.831	7.4	19.0
2 21	10 12.83	− 3 17.4	1.861	2.830	4.9	18.8
3 2	10 5.26	− 2 15.1	1.861	2.830	5.2	18.8
3 12	9 58.52	− 1 5.1	1.889	2.830	7.9	19.0
3 22	9 53.36	+ 0 5.9	1.942	2.830	11.1	19.2

107291 2001 CF 2 20.7 346°.31 5°.3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.94	+20 20.7	1.527	2.334	17.1	18.9
1 22	10 37.86	+21 18.5	1.450	2.333	13.6	18.6
2 1	10 31.63	+22 24.3	1.393	2.331	9.6	18.4
2 11	10 22.90	+23 29.0	1.362	2.330	6.1	18.2
2 21	10 12.75	+24 22.7	1.356	2.329	5.7	18.2
3 2	10 2.62	+24 57.0	1.377	2.328	8.9	18.3
3 12	9 53.97	+25 7.8	1.422	2.328	12.9	18.6
3 22	9 47.84	+24 55.2	1.489	2.327	16.6	18.8

403273 2009 AT_{14} 2 20.7 340°.43 1°.7/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.17	+11 12.9	1.283	2.095	19.5	20.6
1 22	10 33.78	+11 47.4	1.200	2.086	15.6	20.3
2 1	10 29.13	+12 40.7	1.136	2.079	10.8	20.0
2 11	10 21.78	+13 47.0	1.095	2.072	5.4	19.7
2 21	10 12.79	+14 57.2	1.078	2.066	1.9	19.5
3 2	10 3.66	+16 0.7	1.086	2.060	7.0	19.8
3 12	9 55.98	+16 48.5	1.119	2.056	12.5	20.1
3 22	9 50.94	+17 15.9	1.172	2.053	17.3	20.3

186600 2003 BN_{82} 2 20.7 271°.79 0°.9/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.60	+13 0.3	1.850	2.624	15.8	19.9
1 22	10 39.32	+12 56.9	1.754	2.617	12.6	19.7
2 1	10 32.33	+13 2.3	1.679	2.611	8.8	19.4
2 11	10 23.17	+13 12.8	1.630	2.604	4.4	19.1
2 21	10 12.75	+13 23.9	1.609	2.597	0.9	18.9
3 2	10 2.26	+13 30.9	1.617	2.590	5.2	19.1
3 12	9 52.92	+13 30.0	1.653	2.583	9.7	19.4
3 22	9 45.67	+13 19.4	1.713	2.577	13.6	19.6

371054 2005 US_{222} 2 20.7 225°.56 1°.0/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.34	+11 52.0	2.234	2.999	13.7	21.8
1 22	10 36.30	+12 18.3	2.131	2.990	10.9	21.6
2 1	10 30.01	+12 54.9	2.050	2.980	7.5	21.4
2 11	10 21.93	+13 38.1	1.996	2.970	3.7	21.1
2 21	10 12.79	+14 22.7	1.971	2.959	1.2	20.9
3 2	10 3.52	+15 3.5	1.977	2.948	4.7	21.1
3 12	9 55.11	+15 35.6	2.011	2.936	8.6	21.3
3 22	9 48.35	+15 56.3	2.071	2.923	12.0	21.5

165707 2001 PQ_{65} 2 20.7 175°.22 0°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.68	+ 9 39.5	2.533	3.285	12.6	20.5
1 22	10 35.33	+ 9 41.2	2.436	3.286	10.1	20.4
2 1	10 29.07	+ 9 51.7	2.362	3.287	7.0	20.2
2 11	10 21.35	+10 8.4	2.316	3.287	3.6	19.9
2 21	10 12.82	+10 28.3	2.299	3.288	0.2	19.6
3 2	10 4.27	+10 47.7	2.313	3.288	3.7	20.0
3 12	9 56.52	+11 3.3	2.357	3.288	7.1	20.2
3 22	9 50.21	+11 12.8	2.427	3.288	10.2	20.4

245000 2004 CK_{25} 2 20.7 220°.49 0°.8/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.34	+11 22.0	2.318	3.085	13.2	21.4
1 22	10 33.74	+11 44.6	2.223	3.084	10.5	21.2
2 1	10 28.11	+12 17.1	2.152	3.083	7.2	21.0
2 11	10 20.91	+12 55.8	2.107	3.081	3.6	20.8
2 21	10 12.83	+13 36.2	2.091	3.079	0.9	20.6
3 2	10 4.71	+14 13.4	2.106	3.078	4.3	20.8
3 12	9 57.43	+14 43.3	2.148	3.076	7.9	21.1
3 22	9 51.68	+15 3.0	2.217	3.074	11.2	21.3

238362 2004 CF_{43} 2 20.7 15°.20 3°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.22	+16 52.5	1.664	2.471	16.0	19.9
1 22	10 32.88	+17 41.8	1.592	2.476	12.5	19.7
2 1	10 27.91	+18 40.5	1.542	2.482	8.6	19.5
2 11	10 20.91	+19 41.4	1.516	2.490	4.8	19.3
2 21	10 12.83	+20 36.7	1.517	2.498	3.8	19.2
3 2	10 4.84	+21 18.9	1.546	2.507	7.1	19.5
3 12	9 58.10	+21 43.4	1.599	2.516	10.9	19.7
3 22	9 53.44	+21 48.9	1.676	2.527	14.5	19.9

522390 2016 CV_{306} 2 20.7 274°.42 1°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.16	+ 7 29.7	1.848	2.608	16.3	21.6
1 22	10 38.27	+ 7 11.8	1.742	2.595	13.3	21.3
2 1	10 31.70	+ 7 6.1	1.658	2.581	9.5	21.1
2 11	10 22.92	+ 7 11.1	1.598	2.567	5.2	20.8
2 21	10 12.77	+ 7 23.5	1.566	2.554	1.4	20.5
3 2	10 2.40	+ 7 39.3	1.563	2.540	4.8	20.7
3 12	9 53.05	+ 7 53.7	1.587	2.526	9.3	20.9
3 22	9 45.72	+ 8 2.9	1.637	2.512	13.5	21.1

412340 2013 LV_{3} 2 20.7 310°.41 0°.8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.91	+ 9 53.1	1.583	2.371	17.5	21.2
1 22	10 35.27	+10 22.7	1.494	2.366	14.0	20.9
2 1	10 29.78	+11 8.8	1.425	2.360	9.7	20.7
2 11	10 21.98	+12 6.8	1.380	2.355	4.8	20.4
2 21	10 12.80	+13 9.6	1.362	2.350	0.9	20.1
3 2	10 3.50	+14 8.9	1.371	2.346	5.8	20.4
3 12	9 55.42	+14 57.2	1.407	2.341	10.7	20.7
3 22	9 49.57	+15 30.1	1.465	2.337	15.0	20.9

290861 2005 WD_{49} 2 20.7 113°.99 3°.6/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.39	+18 59.0	2.165	2.947	13.6	21.1
1 22	10 36.99	+19 55.6	2.094	2.963	10.6	20.9
2 1	10 30.34	+20 57.8	2.047	2.980	7.4	20.8
2 11	10 22.00	+21 59.1	2.027	2.996	4.4	20.6
2 21	10 12.81	+22 52.8	2.037	3.011	3.9	20.6
3 2	10 3.74	+23 33.3	2.076	3.026	6.4	20.8
3 12	9 55.76	+23 57.4	2.143	3.041	9.6	21.0
3 22	9 49.59	+24 4.5	2.234	3.055	12.4	21.2

371242 2006 BR_{127} 2 20.7 105°.86 0°.9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.39	+ 7 10.3	2.076	2.833	14.9	21.6
1 22	10 35.53	+ 7 13.0	1.988	2.839	12.0	21.4
2 1	10 29.42	+ 7 28.4	1.921	2.844	8.4	21.2
2 11	10 21.60	+ 7 53.9	1.880	2.850	4.5	20.9
2 21	10 12.82	+ 8 25.7	1.867	2.856	0.9	20.7
3 2	10 4.05	+ 8 59.0	1.884	2.861	4.1	20.9
3 12	9 56.27	+ 9 29.1	1.930	2.867	8.1	21.2
3 22	9 50.23	+ 9 52.4	2.000	2.872	11.6	21.4

157482 2005 QS_{82} 2 20.7 101°.48 4°.2/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.85	+18 17.7	1.530	2.323	17.7	20.4
1 22	10 42.18	+19 9.1	1.467	2.342	13.9	20.2
2 1	10 34.35	+20 8.6	1.425	2.361	9.6	20.0
2 11	10 24.14	+21 7.5	1.409	2.379	5.5	19.8
2 21	10 12.75	+21 56.7	1.419	2.397	4.5	19.8
3 2	10 1.66	+22 28.7	1.458	2.415	7.9	20.0
3 12	9 52.26	+22 40.1	1.522	2.432	11.9	20.3
3 22	9 45.50	+22 31.4	1.609	2.448	15.6	20.5

95905 2003 HE_{30} 2 20.7 282°.34 7°.2/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.14	− 9 42.7	2.062	2.743	17.2	20.4
1 22	10 33.38	−10 19.1	1.942	2.721	15.0	20.1
2 1	10 28.28	−10 34.1	1.840	2.698	12.5	19.9
2 11	10 21.21	−10 24.4	1.759	2.675	9.7	19.7
2 21	10 12.83	− 9 49.2	1.704	2.652	7.6	19.5
3 2	10 4.09	− 8 50.5	1.675	2.628	7.4	19.5
3 12	9 56.06	− 7 34.1	1.673	2.605	9.5	19.5
3 22	9 49.68	− 6 7.9	1.696	2.581	12.6	19.7

187879 2000 QQ_{169} 2 20.7 230°.91 2°.1/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.23	+ 2 22.9	2.308	3.039	14.2	21.2
1 22	10 34.56	+ 2 30.3	2.196	3.028	11.7	21.0
2 1	10 28.78	+ 2 53.1	2.107	3.017	8.6	20.8
2 11	10 21.32	+ 3 30.0	2.043	3.005	5.1	20.6
2 21	10 12.83	+ 4 17.9	2.008	2.992	2.2	20.3
3 2	10 4.17	+ 5 12.2	2.003	2.979	4.0	20.4
3 12	9 56.25	+ 6 7.4	2.027	2.966	7.6	20.6
3 22	9 49.84	+ 6 58.4	2.078	2.952	11.1	20.8

62717 2000 TW_{44} 2 20.7 134°.58 6°.1/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.28	+32 40.8	2.849	3.625	10.8	20.0
1 22	10 37.32	+33 40.6	2.783	3.636	8.9	19.9
2 1	10 30.37	+34 36.3	2.742	3.646	7.1	19.8
2 11	10 21.96	+35 21.9	2.729	3.655	6.2	19.8
2 21	10 12.82	+35 52.3	2.744	3.665	6.5	19.8
3 2	10 3.81	+36 4.0	2.788	3.674	8.0	19.9
3 12	9 55.76	+35 56.4	2.857	3.682	9.8	20.0
3 22	9 49.30	+35 30.9	2.950	3.691	11.6	20.2

8746 1998 FL_{68} 2 20.7 39°.61 1°.1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.04	+12 45.5	1.997	2.776	14.6	17.5
1 22	10 34.50	+13 2.5	1.920	2.788	11.5	17.3
2 1	10 28.70	+13 28.8	1.866	2.800	7.9	17.1
2 11	10 21.21	+14 0.4	1.838	2.813	3.9	16.9
2 21	10 12.84	+14 32.0	1.838	2.825	1.3	16.8
3 2	10 4.58	+14 58.8	1.867	2.839	4.8	17.0
3 12	9 57.40	+15 16.7	1.923	2.852	8.6	17.3
3 22	9 52.01	+15 23.6	2.005	2.866	12.0	17.5

149682 2004 GD_{29} 2 20.7 217°.74 1°.9/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.76	+14 37.9	2.499	3.264	12.4	21.4
1 22	10 36.39	+15 16.8	2.394	3.254	9.8	21.2
2 1	10 29.95	+16 4.0	2.312	3.243	6.7	21.0
2 11	10 21.88	+16 55.1	2.259	3.232	3.5	20.8
2 21	10 12.82	+17 44.8	2.235	3.219	2.1	20.6
3 2	10 3.64	+18 28.0	2.243	3.206	5.0	20.8
3 12	9 55.23	+19 0.6	2.280	3.193	8.3	21.0
3 22	9 48.32	+19 20.2	2.342	3.178	11.4	21.2

332377 2007 EG_{217} 2 20.7 237°.33 1°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.47	+ 3 13.1	2.021	2.770	15.5	21.6
1 22	10 33.42	+ 3 29.4	1.923	2.766	12.6	21.4
2 1	10 28.10	+ 4 3.2	1.845	2.763	9.1	21.1
2 11	10 21.00	+ 4 52.3	1.794	2.759	5.2	20.9
2 21	10 12.85	+ 5 52.5	1.769	2.756	1.8	20.7
3 2	10 4.59	+ 6 58.0	1.774	2.752	4.2	20.8
3 12	9 57.23	+ 8 1.8	1.807	2.748	8.2	21.1
3 22	9 51.56	+ 8 58.5	1.866	2.744	11.9	21.3

36361 2000 OS_4 2 20.7 186°.97 2°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.97	+ 1 54.4	1.963	2.699	16.3	20.2
1 22	10 37.04	+ 1 59.1	1.865	2.699	13.4	20.0
2 1	10 30.65	+ 2 21.8	1.787	2.698	9.8	19.8
2 11	10 22.31	+ 3 1.1	1.735	2.697	5.9	19.5
2 21	10 12.82	+ 3 53.3	1.711	2.695	2.6	19.3
3 2	10 3.21	+ 4 52.9	1.716	2.692	4.5	19.4
3 12	9 54.58	+ 5 52.9	1.749	2.689	8.5	19.6
3 22	9 47.81	+ 6 47.6	1.808	2.685	12.3	19.9

499059 2009 DD_{119} 2 20.7 104°.57 1°.3/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.57	+ 3 21.0	2.506	3.244	13.1	21.5
1 22	10 31.33	+ 3 49.0	2.415	3.253	10.5	21.3
2 1	10 26.32	+ 4 31.4	2.347	3.262	7.6	21.2
2 11	10 19.97	+ 5 25.6	2.305	3.271	4.2	21.0
2 21	10 12.89	+ 6 27.8	2.292	3.279	1.3	20.8
3 2	10 5.81	+ 7 32.9	2.310	3.288	3.4	20.9
3 12	9 59.47	+ 8 35.6	2.358	3.296	6.7	21.2
3 22	9 54.47	+ 9 31.7	2.432	3.304	9.8	21.4

124845 2001 TH_{15} 2 20.7 84°.80 3°.4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.10	+15 19.1	1.468	2.265	18.2	20.0
1 22	10 39.34	+16 17.3	1.406	2.284	14.2	19.8
2 1	10 32.47	+17 27.6	1.364	2.302	9.7	19.6
2 11	10 23.23	+18 41.3	1.347	2.321	5.2	19.4
2 21	10 12.80	+19 48.6	1.357	2.339	3.7	19.4
3 2	10 2.62	+20 40.9	1.394	2.357	7.5	19.6
3 12	9 54.06	+21 13.0	1.457	2.374	11.8	19.9
3 22	9 48.06	+21 23.8	1.542	2.392	15.6	20.2

337518 2001 ST_{151} 2 20.7 112°.17 4°.7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.73	+26 36.5	2.640	3.416	11.5	20.9
1 22	10 38.41	+27 16.2	2.571	3.432	9.2	20.7
2 1	10 31.09	+27 54.7	2.526	3.447	6.8	20.6
2 11	10 22.31	+28 26.5	2.510	3.463	5.0	20.5
2 21	10 12.83	+28 46.6	2.523	3.477	5.0	20.5
3 2	10 3.54	+28 51.8	2.566	3.492	6.8	20.7
3 12	9 55.28	+28 41.0	2.636	3.506	9.1	20.8
3 22	9 48.65	+28 15.0	2.732	3.520	11.3	21.0

61331 2000 OH_{59} 2 20.7 116°.15 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.62	+ 7 43.0	1.784	2.548	16.7	20.1
1 22	10 37.60	+ 8 21.9	1.708	2.565	13.3	19.9
2 1	10 31.00	+ 9 17.2	1.654	2.582	9.2	19.7
2 11	10 22.43	+10 24.0	1.625	2.598	4.6	19.4
2 21	10 12.83	+11 35.4	1.624	2.613	0.3	19.1
3 2	10 3.32	+12 43.8	1.653	2.628	4.9	19.5
3 12	9 55.05	+13 42.5	1.710	2.642	9.3	19.8
3 22	9 48.85	+14 27.1	1.792	2.656	13.1	20.1

303422 2005 AS_4 2 20.7 114°.91 3°.5/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.75	+ 1 6.8	1.840	2.570	17.4	20.9
1 22	10 39.96	+ 0 41.7	1.759	2.587	14.4	20.7
2 1	10 32.58	+ 0 33.9	1.699	2.603	10.7	20.5
2 11	10 23.23	+ 0 42.8	1.663	2.619	6.7	20.3
2 21	10 12.82	+ 1 5.9	1.655	2.635	3.7	20.1
3 2	10 2.50	+ 1 38.8	1.676	2.650	5.0	20.3
3 12	9 53.42	+ 2 15.6	1.725	2.664	8.7	20.5
3 22	9 46.41	+ 2 51.0	1.800	2.678	12.3	20.8

57500 2001 SM_{244} 2 20.7 269°.81 8°.2/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.09	+30 4.0	1.860	2.658	14.8	18.8
1 22	10 39.32	+31 25.2	1.779	2.649	12.2	18.6
2 1	10 32.56	+32 46.2	1.721	2.638	9.7	18.4
2 11	10 23.38	+33 56.6	1.689	2.628	8.2	18.3
2 21	10 12.81	+34 46.7	1.683	2.618	8.8	18.3
3 2	10 2.19	+35 9.6	1.703	2.608	11.0	18.4
3 12	9 52.91	+35 3.2	1.747	2.598	13.9	18.6
3 22	9 46.01	+34 29.8	1.812	2.587	16.6	18.7

239504 2007 VJ_{171} 2 20.7 220°.69 0°.1/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.54	+ 9 0.1	2.547	3.301	12.5	21.5
1 22	10 33.73	+ 9 14.0	2.445	3.296	10.0	21.3
2 1	10 28.03	+ 9 37.8	2.365	3.290	7.0	21.1
2 11	10 20.88	+10 9.0	2.313	3.285	3.6	20.8
2 21	10 12.89	+10 44.0	2.290	3.279	0.1	20.5
3 2	10 4.83	+11 18.6	2.298	3.273	3.7	20.8
3 12	9 57.50	+11 48.9	2.335	3.267	7.2	21.0
3 22	9 51.55	+12 11.8	2.399	3.260	10.3	21.2

227913 2007 EJ_{203} 2 20.7 147°.99 0°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.44	+10 9.2	2.155	2.921	14.1	21.1
1 22	10 34.75	+10 43.2	2.067	2.927	11.2	20.9
2 1	10 28.88	+11 29.2	2.001	2.932	7.7	20.7
2 11	10 21.35	+12 23.2	1.962	2.936	3.8	20.5
2 21	10 12.88	+13 19.6	1.952	2.940	0.8	20.2
3 2	10 4.41	+14 12.6	1.972	2.944	4.6	20.5
3 12	9 56.87	+14 57.0	2.020	2.948	8.4	20.8
3 22	9 50.99	+15 29.7	2.094	2.952	11.7	21.0

77965 2002 JC_2 2 20.7 244°.45 0°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.79	+ 7 40.8	1.905	2.668	15.8	21.0
1 22	10 36.37	+ 8 7.5	1.798	2.654	12.7	20.7
2 1	10 30.38	+ 8 50.4	1.712	2.640	9.0	20.5
2 11	10 22.28	+ 9 46.1	1.652	2.625	4.6	20.2
2 21	10 12.85	+10 49.2	1.620	2.609	0.1	19.8
3 2	10 3.17	+11 52.7	1.618	2.593	4.9	20.1
3 12	9 54.41	+12 49.7	1.643	2.576	9.5	20.4
3 22	9 47.55	+13 34.9	1.693	2.559	13.6	20.6

217087 2001 UA_{78} 2 20.7 192°.88 1°.9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.80	+ 1 42.2	2.291	3.022	14.4	21.8
1 22	10 34.17	+ 2 4.2	2.189	3.020	11.8	21.6
2 1	10 28.47	+ 2 43.1	2.108	3.018	8.6	21.4
2 11	10 21.16	+ 3 37.0	2.053	3.015	5.0	21.2
2 21	10 12.89	+ 4 42.1	2.027	3.012	2.0	21.0
3 2	10 4.52	+ 5 52.9	2.031	3.008	3.9	21.1
3 12	9 56.94	+ 7 3.2	2.065	3.004	7.5	21.3
3 22	9 50.88	+ 8 7.5	2.125	2.999	10.9	21.5

332758 2009 UM_{70} 2 20.7 296°.64 4°.2/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.70	+18 14.2	1.774	2.575	15.4	21.0
1 22	10 34.98	+19 15.3	1.680	2.560	12.2	20.8
2 1	10 29.55	+20 26.7	1.607	2.546	8.5	20.5
2 11	10 21.89	+21 40.9	1.561	2.531	5.1	20.3
2 21	10 12.86	+22 49.1	1.541	2.517	4.6	20.2
3 2	10 3.65	+23 42.9	1.549	2.503	7.9	20.4
3 12	9 55.52	+24 16.6	1.583	2.489	11.8	20.6
3 22	9 49.49	+24 28.3	1.639	2.475	15.5	20.8

329994 2005 TV_{57} 2 20.7 78°.18 1°.3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.19	+11 55.8	1.834	2.614	15.7	21.7
1 22	10 35.72	+12 26.5	1.753	2.621	12.4	21.5
2 1	10 29.75	+13 9.2	1.694	2.628	8.5	21.2
2 11	10 21.84	+13 59.1	1.660	2.635	4.2	21.0
2 21	10 12.87	+14 49.7	1.654	2.641	1.5	20.8
3 2	10 3.95	+15 34.6	1.677	2.648	5.4	21.1
3 12	9 56.18	+16 8.5	1.727	2.655	9.5	21.3
3 22	9 50.37	+16 28.5	1.801	2.662	13.2	21.6

190414 1999 TF_{319} 2 20.7 198°.71 2°.1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.55	+ 0 56.6	2.458	3.182	13.7	21.4
1 22	10 33.04	+ 1 14.6	2.353	3.179	11.2	21.2
2 1	10 27.61	+ 1 48.7	2.270	3.176	8.3	21.0
2 11	10 20.70	+ 2 37.2	2.213	3.172	5.0	20.8
2 21	10 12.92	+ 3 36.9	2.185	3.168	2.3	20.6
3 2	10 5.04	+ 4 42.9	2.188	3.164	3.7	20.7
3 12	9 57.88	+ 5 49.6	2.220	3.159	7.0	20.8
3 22	9 52.10	+ 6 51.8	2.279	3.153	10.2	21.0

51145 2000 HS_{49} 2 20.7 25°.61 9°.5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.29	+30 34.6	1.461	2.275	17.4	17.7
1 22	10 40.00	+31 55.7	1.403	2.281	14.3	17.5
2 1	10 33.21	+33 13.9	1.366	2.287	11.3	17.4
2 11	10 23.71	+34 16.9	1.352	2.294	9.6	17.3
2 21	10 12.83	+34 53.8	1.363	2.302	10.0	17.3
3 2	10 2.25	+34 58.2	1.398	2.310	12.4	17.5
3 12	9 53.53	+34 29.9	1.456	2.319	15.4	17.7
3 22	9 47.69	+33 33.7	1.532	2.328	18.3	17.9

273204 2006 JB_{15} 2 20.7 228°.49 0°.4/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.73	+ 7 16.7	2.175	2.934	14.2	21.3
1 22	10 33.44	+ 7 37.6	2.079	2.932	11.4	21.1
2 1	10 28.02	+ 8 12.0	2.005	2.930	8.0	20.9
2 11	10 20.95	+ 8 56.9	1.957	2.928	4.2	20.7
2 21	10 12.92	+ 9 47.8	1.938	2.926	0.4	20.4
3 2	10 4.83	+10 39.3	1.948	2.924	4.1	20.6
3 12	9 57.60	+11 26.0	1.987	2.922	8.0	20.9
3 22	9 51.96	+12 3.9	2.051	2.920	11.4	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
415609 2014 QK_{353}			2 20.7 162°.49		0°.3/21.0 18	
	h m	° ′			°	m
1 12	10 40.97	+ 7 3.1	2.171	2.920	14.5	22.4
1 22	10 36.72	+ 7 31.2	2.079	2.927	11.6	22.2
2 1	10 30.24	+ 8 13.3	2.010	2.933	8.1	22.0
2 11	10 22.06	+ 9 5.9	1.967	2.938	4.2	21.8
2 21	10 12.90	+10 4.2	1.954	2.943	0.3	21.5
3 2	10 3.72	+11 2.2	1.971	2.946	4.2	21.8
3 12	9 55.49	+11 54.3	2.017	2.949	8.1	22.0
3 22	9 48.95	+12 36.5	2.090	2.952	11.6	22.3
312485 2008 UJ_{90}			2 20.7 339°.30		23°.9/28.3 17	
1 12	10 56.19	+54 44.3	1.007	1.801	24.9	19.5
1 22	10 55.45	+57 55.2	0.982	1.796	24.1	19.5
2 1	10 47.05	+60 33.7	0.973	1.791	24.0	19.4
2 11	10 31.72	+62 16.2	0.977	1.788	24.6	19.5
2 21	10 12.61	+62 46.2	0.995	1.784	25.8	19.5
3 2	9 54.60	+61 59.5	1.025	1.782	27.4	19.6
3 12	9 41.84	+60 6.0	1.065	1.780	29.0	19.8
3 22	9 35.83	+57 22.5	1.113	1.778	30.6	19.9
58624 1997 VC_{2}			2 20.7 71°.40		4°.7/25.3 18	
1 12	10 35.96	− 4 55.0	2.219	2.922	15.5	19.2
1 22	10 32.71	− 5 12.1	2.129	2.932	13.1	19.0
2 1	10 27.44	− 5 10.2	2.059	2.941	10.3	18.9
2 11	10 20.63	− 4 49.2	2.013	2.950	7.3	18.7
2 21	10 12.95	− 4 10.9	1.994	2.960	5.0	18.6
3 2	10 5.26	− 3 19.0	2.003	2.969	5.2	18.6
3 12	9 58.43	− 2 19.2	2.040	2.978	7.6	18.8
3 22	9 53.13	− 1 17.8	2.103	2.988	10.5	19.0
440890 2006 UO_{84}			2 20.7 92°.06		5°.0/17.6 17	
1 12	10 47.92	+19 0.1	1.365	2.166	19.1	21.7
1 22	10 43.39	+19 58.7	1.308	2.188	15.0	21.5
2 1	10 35.38	+21 5.8	1.272	2.209	10.4	21.3
2 11	10 24.74	+22 11.0	1.259	2.229	6.2	21.1
2 21	10 12.84	+23 3.7	1.273	2.249	5.3	21.1
3 2	10 1.33	+23 35.8	1.314	2.269	8.8	21.4
3 12	9 51.76	+23 44.2	1.379	2.288	13.0	21.7
3 22	9 45.11	+23 30.1	1.466	2.307	16.7	21.9
408294 2013 GD_{15}			2 20.7 284°.11		1°.4/19.8 16	
1 12	10 40.98	+12 25.2	1.581	2.370	17.4	21.6
1 22	10 37.94	+12 43.1	1.480	2.353	14.0	21.3
2 1	10 31.85	+13 14.6	1.400	2.336	9.8	21.0
2 11	10 23.19	+13 54.9	1.344	2.319	4.9	20.7
2 21	10 12.88	+14 37.3	1.314	2.301	1.6	20.4
3 2	10 2.27	+15 14.4	1.311	2.284	6.3	20.7
3 12	9 52.85	+15 39.8	1.335	2.267	11.4	20.9
3 22	9 45.79	+15 49.8	1.381	2.250	15.9	21.1
225606 2000 YM_{43}			2 20.7 86°.62		1°.9/18.9 18	
1 12	10 38.56	+12 39.1	2.021	2.799	14.5	20.3
1 22	10 34.90	+13 35.9	1.951	2.819	11.4	20.1
2 1	10 28.98	+14 43.8	1.904	2.838	7.7	19.9
2 11	10 21.39	+15 57.0	1.883	2.857	3.9	19.7
2 21	10 12.95	+17 8.3	1.891	2.876	2.1	19.6
3 2	10 4.61	+18 11.0	1.929	2.895	5.4	19.9
3 12	9 57.36	+19 0.2	1.995	2.914	9.0	20.1
3 22	9 51.88	+19 33.4	2.086	2.932	12.2	20.4
443916 2002 PO_{157}			2 20.7 204°.95		0°.7/21.2 18	
1 12	10 46.04	+ 8 14.1	1.714	2.474	17.4	21.8
1 22	10 41.53	+ 8 11.3	1.617	2.470	14.1	21.5
2 1	10 34.08	+ 8 22.6	1.541	2.465	10.0	21.2
2 11	10 24.21	+ 8 45.2	1.489	2.460	5.3	21.0
2 21	10 12.88	+ 9 14.5	1.465	2.454	0.7	20.6
3 2	10 1.39	+ 9 44.8	1.470	2.447	5.1	20.9
3 12	9 51.12	+10 10.5	1.503	2.439	10.0	21.2
3 22	9 43.14	+10 27.4	1.561	2.431	14.3	21.4
304909 2007 RU_{283}			2 20.7 130°.74		1°.6/22.0 18	
1 12	10 40.06	+ 3 56.4	1.743	2.499	17.3	21.6
1 22	10 36.56	+ 4 13.0	1.659	2.507	14.1	21.4
2 1	10 30.43	+ 4 48.5	1.594	2.515	10.1	21.2
2 11	10 22.26	+ 5 40.3	1.554	2.522	5.6	20.9
2 21	10 12.94	+ 6 43.1	1.542	2.529	1.6	20.7
3 2	10 3.61	+ 7 49.7	1.558	2.536	4.7	20.9
3 12	9 55.44	+ 8 52.6	1.602	2.542	9.1	21.2
3 22	9 49.33	+ 9 46.0	1.670	2.548	13.1	21.4
336426 2008 UX_{234}			2 20.7 270°.06		4°.3/24.5 17	
1 12	10 36.37	− 2 51.2	2.153	2.869	15.6	21.1
1 22	10 33.31	− 3 5.9	2.043	2.857	13.1	20.9
2 1	10 28.06	− 3 2.4	1.953	2.845	10.2	20.7
2 11	10 21.06	− 2 40.2	1.888	2.834	7.0	20.5
2 21	10 12.98	− 2 0.8	1.849	2.822	4.5	20.3
3 2	10 4.70	− 1 8.0	1.839	2.810	5.1	20.3
3 12	9 57.19	− 0 7.8	1.857	2.798	8.1	20.4
3 22	9 51.26	+ 0 53.6	1.901	2.785	11.4	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
456785 2007 TE_{175}			2 20.7 53°.75		0°.9/21.4 18	
	h m	° ′			°	m
1 12	10 39.49	+ 5 57.3	1.392	2.174	19.7	21.9
1 22	10 36.55	+ 6 14.5	1.328	2.193	15.8	21.7
2 1	10 30.60	+ 6 52.1	1.283	2.213	11.1	21.5
2 11	10 22.36	+ 7 45.7	1.261	2.233	5.8	21.2
2 21	10 12.96	+ 8 48.3	1.265	2.254	0.9	20.9
3 2	10 3.77	+ 9 51.1	1.296	2.274	5.3	21.3
3 12	9 56.12	+10 46.0	1.352	2.295	10.2	21.6
3 22	9 50.93	+11 27.8	1.432	2.316	14.5	21.9
126802 2002 EE_{29}			2 20.7 279°.27		1°.2/21.9 17	
1 12	10 35.86	+ 4 28.8	2.004	2.760	15.4	20.5
1 22	10 33.05	+ 4 49.4	1.901	2.751	12.5	20.2
2 1	10 27.96	+ 5 27.2	1.820	2.741	9.0	20.0
2 11	10 21.03	+ 6 19.7	1.763	2.732	4.9	19.7
2 21	10 13.00	+ 7 22.5	1.735	2.722	1.3	19.5
3 2	10 4.81	+ 8 29.3	1.735	2.713	4.3	19.6
3 12	9 57.49	+ 9 33.4	1.764	2.704	8.5	19.9
3 22	9 51.86	+10 29.0	1.817	2.694	12.3	20.1
265319 2004 NV_{8}			2 20.7 240°.87		2°.6/22.7 17	
1 12	10 42.09	+ 3 10.5	2.220	2.949	14.8	21.0
1 22	10 37.75	+ 2 47.5	2.107	2.937	12.2	20.8
2 1	10 31.11	+ 2 37.3	2.016	2.924	9.0	20.6
2 11	10 22.61	+ 2 39.4	1.951	2.911	5.5	20.3
2 21	10 12.96	+ 2 52.0	1.915	2.897	2.7	20.1
3 2	10 3.10	+ 3 12.0	1.908	2.883	4.4	20.2
3 12	9 54.05	+ 3 35.0	1.930	2.868	8.0	20.4
3 22	9 46.65	+ 3 57.1	1.979	2.853	11.6	20.6
430389 2014 WB_{397}			2 20.7 146°.78		7°.3/13.3 18	
1 12	10 43.16	+29 22.4	2.105	2.896	13.6	20.7
1 22	10 38.85	+30 55.0	2.038	2.903	11.1	20.5
2 1	10 31.93	+32 26.8	1.996	2.911	8.7	20.4
2 11	10 22.99	+33 48.4	1.980	2.918	7.4	20.3
2 21	10 12.96	+34 51.4	1.993	2.924	7.9	20.4
3 2	10 3.00	+35 29.7	2.032	2.930	9.9	20.5
3 12	9 54.26	+35 41.7	2.097	2.936	12.3	20.7
3 22	9 47.61	+35 29.1	2.183	2.941	14.7	20.9
50801 2000 FA_{27}			2 20.7 164°.06		3°.6/17.2 18	
1 12	10 40.88	+21 18.6	2.513	3.292	12.0	19.4
1 22	10 36.41	+21 57.6	2.428	3.295	9.5	19.2
2 1	10 29.91	+22 39.6	2.368	3.298	6.7	19.1
2 11	10 21.86	+23 19.3	2.335	3.300	4.2	18.9
2 21	10 13.00	+23 51.6	2.332	3.303	3.8	18.9
3 2	10 4.17	+24 12.0	2.358	3.305	6.0	19.0
3 12	9 56.25	+24 18.3	2.413	3.306	8.8	19.2
3 22	9 49.90	+24 10.0	2.492	3.308	11.4	19.4
33412 Arjunsubra			2 20.7 174°.56		1°.1/19.9 18	
1 12	10 43.95	+11 33.2	1.982	2.746	15.2	19.4
1 22	10 39.37	+12 0.4	1.891	2.750	12.1	19.2
2 1	10 32.26	+12 39.3	1.823	2.752	8.3	19.0
2 11	10 23.18	+13 25.2	1.781	2.754	4.2	18.7
2 21	10 12.96	+14 12.3	1.768	2.755	1.2	18.5
3 2	10 2.72	+14 54.6	1.784	2.756	5.1	18.8
3 12	9 53.56	+15 27.0	1.830	2.755	9.2	19.0
3 22	9 46.37	+15 46.7	1.900	2.754	12.9	19.3
149882 2005 RM_{4}			2 20.7 197°.92		0°.8/20.0 16	
1 12	10 40.25	+11 5.8	2.167	2.932	14.1	21.3
1 22	10 36.27	+11 32.1	2.071	2.929	11.2	21.1
2 1	10 30.03	+12 9.4	1.997	2.927	7.7	20.9
2 11	10 22.03	+12 54.0	1.950	2.924	3.8	20.6
2 21	10 13.00	+13 40.5	1.932	2.920	0.9	20.4
3 2	10 3.90	+14 23.5	1.944	2.916	4.7	20.7
3 12	9 55.72	+14 58.1	1.985	2.912	8.5	20.9
3 22	9 49.23	+15 21.5	2.051	2.907	12.0	21.1
522319 2016 BF_{102}			2 20.7 337°.99		0°.3/20.9 17	
1 12	10 43.76	+11 51.9	1.500	2.286	18.4	20.4
1 22	10 40.16	+11 16.6	1.408	2.277	14.8	20.2
2 1	10 33.36	+10 50.1	1.335	2.268	10.5	19.9
2 11	10 23.93	+10 30.0	1.286	2.260	5.4	19.6
2 21	10 12.94	+10 12.8	1.263	2.252	0.3	19.1
3 2	10 1.84	+ 9 55.0	1.268	2.245	5.6	19.5
3 12	9 52.13	+ 9 33.3	1.299	2.239	10.8	19.8
3 22	9 44.95	+ 9 5.7	1.352	2.234	15.3	20.0
369731 2012 DM_{98}			2 20.7 242°.20		0°.7/20.3 18	
1 12	10 44.69	+12 44.2	1.965	2.731	15.3	20.5
1 22	10 40.04	+12 37.7	1.866	2.726	12.2	20.3
2 1	10 32.79	+12 39.4	1.790	2.720	8.5	20.0
2 11	10 23.48	+12 46.0	1.740	2.714	4.3	19.8
2 21	10 12.97	+12 53.3	1.719	2.708	0.7	19.5
3 2	10 2.38	+12 57.2	1.728	2.701	4.9	19.8
3 12	9 52.90	+12 54.3	1.764	2.695	9.2	20.0
3 22	9 45.41	+12 42.7	1.826	2.688	13.0	20.2

111528 2001 YT_{111} 2 20.7 155°.00 3°.0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 43.18	+15 29.0	1.759	2.544	16.1	20.5
1 22	10 39.11	+16 18.6	1.679	2.550	12.7	20.3
2 1	10 32.26	+17 18.9	1.620	2.555	8.7	20.1
2 11	10 23.22	+18 23.1	1.587	2.560	4.7	19.8
2 21	10 12.98	+19 23.0	1.582	2.565	3.3	19.8
3 2	10 2.75	+20 11.2	1.606	2.568	6.7	20.0
3 12	9 53.81	+20 42.5	1.657	2.572	10.8	20.2
3 22	9 47.07	+20 55.3	1.732	2.575	14.4	20.5

450716 2007 DH_{32} 2 20.7 317°.14 1°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.68	+12 20.9	1.262	2.069	20.0	21.3
1 22	10 37.59	+12 35.0	1.174	2.058	16.0	21.0
2 1	10 31.99	+13 5.0	1.106	2.047	11.2	20.7
2 11	10 23.41	+13 45.7	1.060	2.036	5.6	20.3
2 21	10 12.97	+14 29.0	1.038	2.026	1.7	20.0
3 2	10 2.29	+15 5.9	1.041	2.016	7.1	20.3
3 12	9 53.15	+15 28.9	1.068	2.007	12.8	20.6
3 22	9 46.86	+15 34.3	1.116	1.998	17.8	20.9

221257 2005 UY_{284} 2 20.8 149°.36 1°.8/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.15	+12 56.6	2.079	2.854	14.3	21.2
1 22	10 35.46	+13 41.7	1.993	2.859	11.2	21.0
2 1	10 29.48	+14 37.8	1.930	2.864	7.7	20.8
2 11	10 21.74	+15 39.5	1.894	2.868	3.9	20.5
2 21	10 13.02	+16 40.6	1.887	2.873	2.0	20.4
3 2	10 4.30	+17 34.7	1.909	2.876	5.3	20.6
3 12	9 56.57	+18 16.6	1.960	2.880	9.1	20.9
3 22	9 50.59	+18 43.9	2.035	2.883	12.4	21.1

293787 2007 RB_{134} 2 20.8 139°.91 1°.9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.13	+13 7.4	1.962	2.733	15.1	21.5
1 22	10 38.67	+13 49.8	1.882	2.745	11.9	21.3
2 1	10 31.72	+14 43.1	1.824	2.757	8.1	21.1
2 11	10 22.87	+15 41.7	1.794	2.768	4.1	20.9
2 21	10 13.00	+16 38.9	1.792	2.778	2.0	20.7
3 2	10 3.19	+17 28.1	1.820	2.787	5.5	21.0
3 12	9 54.55	+18 4.5	1.877	2.796	9.4	21.2
3 22	9 47.86	+18 25.8	1.958	2.804	12.9	21.5

257484 1995 QW_{13} 2 20.8 267°.20 3°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.48	+ 0 41.5	1.743	2.491	17.6	21.5
1 22	10 34.75	+ 0 42.2	1.641	2.480	14.6	21.3
2 1	10 29.40	+ 1 3.8	1.558	2.470	10.9	21.0
2 11	10 21.89	+ 1 46.0	1.499	2.460	6.8	20.7
2 21	10 13.02	+ 2 45.1	1.466	2.449	3.3	20.5
3 2	10 3.91	+ 3 55.0	1.461	2.438	5.0	20.6
3 12	9 55.80	+ 5 7.6	1.483	2.427	9.3	20.8
3 22	9 49.67	+ 6 15.1	1.529	2.417	13.6	21.0

455606 2004 TP_{126} 2 20.8 165°.86 3°.8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.64	+18 27.8	1.972	2.752	14.8	21.8
1 22	10 39.99	+19 25.1	1.889	2.758	11.6	21.6
2 1	10 32.72	+20 29.9	1.830	2.763	8.1	21.4
2 11	10 23.42	+21 35.0	1.798	2.767	4.8	21.2
2 21	10 12.98	+22 32.7	1.795	2.771	4.1	21.2
3 2	10 2.57	+23 16.3	1.821	2.774	7.0	21.3
3 12	9 53.34	+23 41.6	1.875	2.776	10.6	21.6
3 22	9 46.17	+23 48.0	1.953	2.777	13.8	21.8

297612 2001 SQ_{328} 2 20.8 206°.00 1°.4/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.23	+12 37.6	2.039	2.802	14.9	22.5
1 22	10 40.45	+13 5.1	1.938	2.796	11.9	22.3
2 1	10 33.10	+13 43.3	1.859	2.789	8.2	22.0
2 11	10 23.66	+14 27.9	1.807	2.781	4.1	21.8
2 21	10 12.98	+15 12.9	1.785	2.772	1.5	21.6
3 2	10 2.14	+15 52.2	1.793	2.762	5.3	21.8
3 12	9 52.33	+16 21.0	1.829	2.751	9.5	22.0
3 22	9 44.46	+16 36.6	1.891	2.739	13.2	22.2

148667 2001 SW_{158} 2 20.8 142°.34 0°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.40	+ 8 52.0	2.231	2.984	14.1	20.9
1 22	10 36.96	+ 9 8.5	2.143	2.994	11.2	20.7
2 1	10 30.37	+ 9 36.4	2.079	3.004	7.8	20.5
2 11	10 22.14	+10 12.3	2.041	3.013	4.0	20.3
2 21	10 13.02	+10 52.0	2.033	3.022	0.1	20.0
3 2	10 3.94	+11 30.5	2.055	3.030	4.1	20.3
3 12	9 55.81	+12 3.4	2.106	3.037	7.9	20.6
3 22	9 49.35	+12 27.5	2.183	3.044	11.2	20.8

135389 2001 TU_{188} 2 20.8 120°.12 2°.0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.62	+16 3.8	2.596	3.367	11.8	19.8
1 22	10 34.48	+16 36.0	2.514	3.378	9.3	19.7
2 1	10 28.49	+17 14.2	2.455	3.388	6.3	19.5
2 11	10 21.13	+17 53.9	2.425	3.398	3.3	19.3
2 21	10 13.06	+18 30.6	2.425	3.407	2.2	19.2
3 2	10 5.03	+19 0.3	2.454	3.417	4.7	19.4
3 12	9 57.83	+19 19.7	2.513	3.426	7.7	19.6
3 22	9 52.07	+19 27.7	2.598	3.435	10.4	19.8

339491 2005 GC_{20} 2 20.8 271°.48 2°.5/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.16	+16 31.3	2.295	3.076	12.9	21.4
1 22	10 34.59	+17 6.9	2.196	3.065	10.2	21.2
2 1	10 28.87	+17 49.8	2.119	3.054	7.0	21.0
2 11	10 21.46	+18 35.2	2.070	3.042	3.8	20.8
2 21	10 13.05	+19 17.7	2.049	3.031	2.7	20.7
3 2	10 4.53	+19 51.8	2.059	3.020	5.5	20.8
3 12	9 56.86	+20 13.7	2.095	3.008	9.0	21.0
3 22	9 50.78	+20 21.6	2.157	2.997	12.1	21.2

490674 2010 JB_{113} 2 20.8 280°.75 8°.7/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.16	+26 43.4	1.536	2.347	16.8	21.4
1 22	10 39.43	+28 22.3	1.447	2.327	13.8	21.1
2 1	10 33.23	+30 7.7	1.380	2.307	10.7	20.9
2 11	10 24.07	+31 47.1	1.337	2.286	8.8	20.7
2 21	10 12.98	+33 7.2	1.319	2.266	9.5	20.7
3 2	10 1.55	+33 56.9	1.327	2.245	12.4	20.8
3 12	9 51.54	+34 11.4	1.357	2.224	16.1	21.0
3 22	9 44.29	+33 52.1	1.407	2.203	19.6	21.1

340826 2006 UF_{152} 2 20.8 75°.10 2°.0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.44	− 0 46.2	2.494	3.213	13.6	20.6
1 22	10 31.21	− 0 3.1	2.413	3.236	11.1	20.5
2 1	10 26.24	+ 0 57.5	2.354	3.258	8.1	20.3
2 11	10 20.00	+ 2 12.8	2.322	3.280	4.9	20.1
2 21	10 13.10	+ 3 38.3	2.319	3.302	2.2	20.0
3 2	10 6.26	+ 5 8.2	2.348	3.324	3.4	20.1
3 12	10 0.21	+ 6 36.2	2.406	3.346	6.5	20.3
3 22	9 55.48	+ 7 56.9	2.492	3.368	9.4	20.5

503656 2016 GC_{218} 2 20.8 243°.77 6°.6/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.46	+26 43.6	2.064	2.860	13.6	21.0
1 22	10 36.86	+28 5.5	1.982	2.854	11.0	20.8
2 1	10 30.69	+29 29.6	1.923	2.847	8.4	20.7
2 11	10 22.45	+30 47.3	1.891	2.840	6.7	20.6
2 21	10 13.03	+31 49.8	1.887	2.832	7.2	20.6
3 2	10 3.54	+32 30.5	1.910	2.825	9.4	20.7
3 12	9 55.15	+32 46.4	1.958	2.817	12.2	20.8
3 22	9 48.75	+32 38.2	2.028	2.810	14.9	21.0

70180 1999 QM_{2} 2 20.8 56°.64 1°.4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.98	+12 35.7	1.430	2.223	18.8	18.8
1 22	10 39.31	+12 51.5	1.365	2.240	14.8	18.6
2 1	10 32.52	+13 20.3	1.320	2.256	10.2	18.3
2 11	10 23.37	+13 56.1	1.298	2.274	5.0	18.1
2 21	10 13.03	+14 31.8	1.303	2.291	1.6	17.9
3 2	10 2.94	+15 0.5	1.335	2.309	6.1	18.2
3 12	9 54.48	+15 17.1	1.393	2.326	10.9	18.5
3 22	9 48.56	+15 19.4	1.473	2.344	15.0	18.8

411464 2010 XE_{30} 2 20.8 109°.66 4°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.80	− 5 51.0	2.060	2.758	16.7	21.9
1 22	10 35.08	− 5 52.4	1.977	2.776	14.1	21.7
2 1	10 29.16	− 5 31.9	1.913	2.793	11.0	21.5
2 11	10 21.57	− 4 49.6	1.872	2.810	7.7	21.4
2 21	10 13.07	− 3 48.2	1.859	2.827	5.1	21.2
3 2	10 4.62	− 2 33.1	1.875	2.843	5.3	21.3
3 12	9 57.16	− 1 11.4	1.919	2.858	7.9	21.5
3 22	9 51.41	+ 0 9.4	1.989	2.873	11.1	21.7

46855 1998 QR_{44} 2 20.8 211°.57 0°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.48	+ 7 4.8	2.128	2.882	14.6	19.9
1 22	10 35.77	+ 7 35.2	2.025	2.876	11.8	19.6
2 1	10 29.78	+ 8 20.5	1.944	2.869	8.3	19.4
2 11	10 21.97	+ 9 17.5	1.890	2.862	4.3	19.1
2 21	10 13.07	+10 21.1	1.865	2.854	0.2	18.8
3 2	10 4.01	+11 25.1	1.870	2.845	4.4	19.1
3 12	9 55.82	+12 23.1	1.903	2.836	8.4	19.3
3 22	9 49.31	+13 10.8	1.963	2.827	12.1	19.5

500024 2011 SW 2 20.8 209°.31 2°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.60	+ 0 23.0	3.034	3.747	11.5	22.8
1 22	10 31.15	+ 0 42.5	2.923	3.741	9.5	22.6
2 1	10 26.15	+ 1 15.4	2.834	3.735	7.0	22.4
2 11	10 19.98	+ 2 0.3	2.772	3.728	4.3	22.3
2 21	10 13.12	+ 2 54.8	2.739	3.721	2.1	22.1
3 2	10 6.17	+ 3 54.9	2.738	3.713	3.2	22.2
3 12	9 59.76	+ 4 56.4	2.767	3.705	5.9	22.3
3 22	9 54.43	+ 5 55.1	2.824	3.697	8.5	22.5

346126 2007 VE_{169} 2 20.8 156°.84 4°.9/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.01	+24 43.0	2.503	3.291	11.7	20.8
1 22	10 34.30	+25 51.3	2.424	3.294	9.3	20.6
2 1	10 28.55	+27 1.7	2.369	3.296	6.9	20.5
2 11	10 21.25	+28 7.5	2.343	3.298	5.1	20.4
2 21	10 13.09	+29 2.5	2.345	3.299	5.3	20.4
3 2	10 4.93	+29 41.6	2.377	3.301	7.3	20.5
3 12	9 57.65	+30 2.3	2.435	3.303	9.8	20.7
3 22	9 51.92	+30 4.5	2.516	3.304	12.1	20.8

168142 2006 HB_3 2 20.8 166°.41 1°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.75	+12 21.7	1.965	2.737	15.1	20.9
1 22	10 37.68	+13 6.7	1.878	2.741	11.9	20.7
2 1	10 31.13	+14 3.9	1.813	2.745	8.2	20.5
2 11	10 22.64	+15 7.8	1.775	2.749	4.1	20.2
2 21	10 13.06	+16 11.6	1.766	2.752	1.9	20.1
3 2	10 3.44	+17 8.4	1.786	2.754	5.5	20.3
3 12	9 54.91	+17 52.5	1.835	2.756	9.5	20.5
3 22	9 48.29	+18 21.3	1.908	2.756	13.1	20.8

325999 2010 WN_7 2 20.8 129°.01 2°.8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.64	+ 0 12.5	2.241	2.960	15.0	20.9
1 22	10 36.33	+ 0 13.9	2.155	2.976	12.3	20.8
2 1	10 29.92	+ 0 31.7	2.090	2.991	9.1	20.6
2 11	10 21.93	+ 1 4.7	2.050	3.005	5.7	20.4
2 21	10 13.09	+ 1 49.8	2.039	3.019	3.0	20.3
3 2	10 4.28	+ 2 42.3	2.058	3.032	4.1	20.3
3 12	9 56.41	+ 3 36.6	2.106	3.045	7.4	20.6
3 22	9 50.15	+ 4 27.6	2.181	3.057	10.6	20.8

498137 2007 TU_{46} 2 20.8 101°.68 2°.0/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.02	+ 2 16.9	2.462	3.191	13.5	22.0
1 22	10 33.29	+ 2 24.4	2.375	3.206	11.0	21.8
2 1	10 27.72	+ 2 46.0	2.311	3.220	8.0	21.6
2 11	10 20.78	+ 3 19.8	2.273	3.234	4.7	21.4
2 21	10 13.12	+ 4 2.7	2.264	3.248	2.1	21.3
3 2	10 5.49	+ 4 50.4	2.285	3.262	3.6	21.4
3 12	9 58.66	+ 5 38.2	2.336	3.275	6.7	21.6
3 22	9 53.23	+ 6 21.9	2.413	3.288	9.7	21.8

58743 1998 EJ_{13} 2 20.8 303°.82 2°.1/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.95	+13 11.5	1.489	2.288	17.9	19.7
1 22	10 36.51	+13 41.0	1.395	2.273	14.3	19.4
2 1	10 30.97	+14 24.9	1.320	2.259	9.9	19.1
2 11	10 22.83	+15 17.7	1.270	2.246	5.0	18.8
2 21	10 13.06	+16 11.6	1.245	2.232	2.3	18.6
3 2	10 3.05	+16 57.7	1.248	2.219	6.8	18.8
3 12	9 54.30	+17 29.2	1.275	2.206	11.9	19.1
3 22	9 47.99	+17 42.4	1.324	2.193	16.4	19.3

366764 2004 RX_{142} 2 20.8 90°.52 4°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.63	− 3 3.0	2.218	2.921	15.5	21.2
1 22	10 36.24	− 3 16.5	2.143	2.948	12.9	21.1
2 1	10 29.79	− 3 12.2	2.088	2.975	9.9	20.9
2 11	10 21.83	− 2 50.4	2.057	3.001	6.7	20.8
2 21	10 13.10	− 2 13.7	2.055	3.026	4.3	20.6
3 2	10 4.50	− 1 26.3	2.082	3.051	4.7	20.7
3 12	9 56.89	− 0 33.6	2.138	3.076	7.4	20.9
3 22	9 50.91	+ 0 18.8	2.221	3.100	10.3	21.1

375294 2008 OU_3 2 20.8 168°.18 0°.6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.72	+ 6 4.4	2.468	3.212	13.1	21.7
1 22	10 33.94	+ 6 32.9	2.372	3.216	10.5	21.5
2 1	10 28.25	+ 7 14.4	2.299	3.220	7.4	21.3
2 11	10 21.10	+ 8 6.1	2.253	3.222	3.9	21.1
2 21	10 13.13	+ 9 3.8	2.236	3.225	0.6	20.8
3 2	10 5.11	+10 2.4	2.251	3.227	3.6	21.1
3 12	9 57.86	+10 56.8	2.294	3.228	7.2	21.3
3 22	9 52.02	+11 43.1	2.365	3.229	10.3	21.5

456811 2007 TD_{357} 2 20.8 125°.22 1°.5/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.60	+12 18.2	1.958	2.726	15.3	22.7
1 22	10 38.99	+12 55.4	1.882	2.743	12.0	22.5
2 1	10 31.92	+13 43.7	1.828	2.759	8.2	22.3
2 11	10 22.99	+14 37.7	1.801	2.775	4.1	22.1
2 21	10 13.09	+15 31.1	1.803	2.790	1.6	21.9
3 2	10 3.31	+16 17.6	1.835	2.804	5.2	22.2
3 12	9 54.70	+16 52.5	1.895	2.817	9.2	22.4
3 22	9 48.07	+17 13.4	1.980	2.830	12.6	22.7

443676 2015 KO_4 2 20.8 335°.92 4°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.74	− 2 55.2	2.249	2.963	15.1	21.0
1 22	10 32.65	− 3 14.9	2.149	2.960	12.7	20.8
2 1	10 27.52	− 3 17.5	2.069	2.958	9.8	20.6
2 11	10 20.81	− 3 2.6	2.013	2.956	6.8	20.4
2 21	10 13.16	− 2 32.0	1.984	2.954	4.5	20.2
3 2	10 5.42	− 1 48.9	1.983	2.952	4.9	20.3
3 12	9 58.46	− 0 58.6	2.011	2.951	7.6	20.4
3 22	9 52.99	− 0 6.6	2.064	2.949	10.7	20.6

258965 2002 SM_{21} 2 20.8 127°.49 2°.8/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.23	+16 23.2	1.950	2.730	14.9	21.8
1 22	10 38.80	+17 3.0	1.873	2.741	11.7	21.6
2 1	10 31.85	+17 50.8	1.819	2.752	8.1	21.4
2 11	10 22.99	+18 40.5	1.791	2.763	4.3	21.2
2 21	10 13.12	+19 25.5	1.791	2.773	3.0	21.1
3 2	10 3.35	+19 59.7	1.821	2.783	6.1	21.3
3 12	9 54.77	+20 19.3	1.879	2.792	9.8	21.5
3 22	9 48.19	+20 23.2	1.960	2.801	13.1	21.8

237308 2008 YZ_{90} 2 20.8 177°.84 0°.4/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.91	+ 9 37.0	2.525	3.283	12.5	21.7
1 22	10 33.29	+10 6.3	2.429	3.284	9.9	21.6
2 1	10 27.80	+10 46.2	2.357	3.285	6.8	21.4
2 11	10 20.89	+11 33.3	2.312	3.285	3.4	21.1
2 21	10 13.17	+12 23.2	2.297	3.285	0.4	20.9
3 2	10 5.41	+13 11.3	2.312	3.285	3.9	21.2
3 12	9 58.40	+13 53.1	2.356	3.285	7.3	21.4
3 22	9 52.77	+14 25.5	2.427	3.284	10.3	21.6

430333 2013 YK_{40} 2 20.8 81°.58 2°.8/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.40	+ 0 34.5	2.432	3.156	13.8	21.0
1 22	10 32.92	+ 0 25.5	2.337	3.161	11.4	20.8
2 1	10 27.56	+ 0 30.8	2.263	3.165	8.5	20.7
2 11	10 20.77	+ 0 49.7	2.215	3.170	5.4	20.5
2 21	10 13.18	+ 1 19.9	2.195	3.174	3.0	20.3
3 2	10 5.55	+ 1 57.9	2.205	3.179	3.9	20.4
3 12	9 58.69	+ 2 38.9	2.243	3.183	6.9	20.6
3 22	9 53.22	+ 3 18.7	2.308	3.188	9.9	20.8

357035 2000 LD_{15} 2 20.8 232°.01 0°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.46	+ 7 2.6	2.111	2.861	14.9	22.5
1 22	10 37.51	+ 7 36.2	1.997	2.845	12.0	22.3
2 1	10 31.14	+ 8 25.8	1.905	2.829	8.5	22.0
2 11	10 22.77	+ 9 28.1	1.840	2.811	4.4	21.8
2 21	10 13.13	+10 37.9	1.804	2.792	0.1	21.4
3 2	10 3.19	+11 48.6	1.798	2.773	4.6	21.7
3 12	9 54.06	+12 53.2	1.821	2.752	8.9	21.9
3 22	9 46.64	+13 46.7	1.870	2.731	12.8	22.1

5851 Inagawa 2 20.8 231°.02 1°.4/22.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.87	+ 2 28.6	2.220	2.958	14.6	17.3
1 22	10 33.66	+ 3 5.2	2.111	2.948	11.9	17.1
2 1	10 28.32	+ 4 0.3	2.022	2.937	8.6	16.9
2 11	10 21.27	+ 5 11.6	1.960	2.926	4.9	16.6
2 21	10 13.16	+ 6 34.4	1.927	2.914	1.5	16.3
3 2	10 4.86	+ 8 2.2	1.925	2.902	4.0	16.5
3 12	9 57.32	+ 9 27.7	1.951	2.889	7.9	16.7
3 22	9 51.31	+10 44.8	2.005	2.876	11.5	16.9

282334 2002 UN_{59} 2 20.8 168°.44 4°.0/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.01	+20 59.1	2.461	3.246	12.0	20.9
1 22	10 34.31	+22 3.5	2.378	3.248	9.5	20.8
2 1	10 28.58	+23 12.6	2.319	3.250	6.7	20.6
2 11	10 21.31	+24 20.2	2.288	3.252	4.4	20.4
2 21	10 13.17	+25 20.0	2.286	3.253	4.3	20.4
3 2	10 5.01	+26 6.6	2.314	3.254	6.5	20.6
3 12	9 57.70	+26 36.7	2.369	3.255	9.3	20.8
3 22	9 51.92	+26 49.4	2.449	3.256	11.9	20.9

246805 2009 FH_9 2 20.8 61°.45 1°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.31	+ 2 40.8	2.289	3.032	14.1	20.9
1 22	10 31.40	+ 3 7.0	2.199	3.039	11.4	20.7
2 1	10 26.57	+ 3 49.2	2.131	3.046	8.2	20.5
2 11	10 20.28	+ 4 45.1	2.089	3.054	4.7	20.3
2 21	10 13.19	+ 5 50.4	2.076	3.062	1.6	20.1
3 2	10 6.09	+ 6 59.6	2.092	3.070	3.7	20.3
3 12	9 59.79	+ 8 6.7	2.137	3.077	7.2	20.5
3 22	9 54.93	+ 9 6.8	2.208	3.085	10.4	20.7

177214 2003 UX_{154} 2 20.8 167°.38 0°.9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.94	+10 33.5	2.234	2.991	13.9	22.1
1 22	10 37.50	+11 13.0	2.143	2.997	11.0	21.9
2 1	10 30.84	+12 4.2	2.075	3.003	7.6	21.7
2 11	10 22.47	+13 2.8	2.034	3.007	3.8	21.5
2 21	10 13.14	+14 3.1	2.023	3.011	1.0	21.3
3 2	10 3.78	+14 59.2	2.043	3.013	4.6	21.5
3 12	9 55.36	+15 45.9	2.092	3.015	8.4	21.8
3 22	9 48.61	+16 20.2	2.167	3.016	11.7	22.0

429356 2010 GA_{65} 2 20.8 307°.89 0°.4/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.15	+ 9 2.8	1.991	2.759	15.0	20.8
1 22	10 35.09	+ 9 0.3	1.874	2.733	12.2	20.6
2 1	10 29.58	+ 9 9.5	1.778	2.706	8.7	20.3
2 11	10 22.03	+ 9 28.2	1.707	2.679	4.5	20.0
2 21	10 13.15	+ 9 52.7	1.664	2.653	0.4	19.6
3 2	10 3.95	+10 18.3	1.650	2.627	4.6	19.9
3 12	9 55.56	+10 40.0	1.663	2.601	9.1	20.1
3 22	9 48.93	+10 54.0	1.701	2.575	13.1	20.3

446873 2001 YO_{107} 2 20.8 61°.43 3°.7/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.77	+13 0.0	1.295	2.101	19.7	20.8
1 22	10 37.80	+14 35.4	1.246	2.129	15.3	20.6
2 1	10 31.59	+16 27.5	1.217	2.158	10.3	20.4
2 11	10 22.95	+18 24.7	1.212	2.186	5.4	20.2
2 21	10 13.14	+20 13.8	1.234	2.215	4.1	20.2
3 2	10 3.68	+21 43.0	1.282	2.244	8.1	20.5
3 12	9 55.99	+22 45.7	1.356	2.272	12.5	20.8
3 22	9 50.96	+23 20.8	1.451	2.301	16.4	21.1

247693 2003 BU_{31} 2 20.8 62°.62 0°.1/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.40	+ 8 43.3	1.612	2.387	17.7	20.5
1 22	10 37.63	+ 9 3.0	1.548	2.412	14.0	20.3
2 1	10 31.14	+ 9 37.8	1.505	2.436	9.7	20.1
2 11	10 22.63	+10 23.2	1.487	2.460	4.9	19.8
2 21	10 13.15	+11 12.7	1.496	2.485	0.2	19.5
3 2	10 3.91	+11 59.4	1.533	2.509	5.0	19.9
3 12	9 56.08	+12 37.3	1.597	2.533	9.5	20.3
3 22	9 50.46	+13 3.0	1.685	2.558	13.3	20.5

376160 2011 BZ_{99} 2 20.8 276°.06 3°.0/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.25	+ 1 40.7	2.002	2.741	15.9	21.0
1 22	10 34.98	+ 1 26.2	1.897	2.731	13.2	20.7
2 1	10 29.37	+ 1 28.0	1.812	2.721	9.8	20.5
2 11	10 21.85	+ 1 45.6	1.753	2.711	6.1	20.3
2 21	10 13.17	+ 2 16.5	1.720	2.702	3.2	20.1
3 2	10 4.30	+ 2 56.6	1.716	2.692	4.6	20.1
3 12	9 56.31	+ 3 40.2	1.740	2.682	8.4	20.3
3 22	9 50.06	+ 4 21.8	1.789	2.672	12.1	20.5

365228 2009 HH_{96} 2 20.8 272°.34 7°.5/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.85	−10 25.5	1.777	2.469	19.2	21.0
1 22	10 33.48	−10 51.9	1.675	2.461	16.8	20.8
2 1	10 28.56	−10 51.7	1.590	2.453	13.8	20.5
2 11	10 21.53	−10 21.5	1.525	2.445	10.6	20.3
2 21	10 13.17	− 9 21.4	1.485	2.436	8.1	20.2
3 2	10 4.57	− 7 55.3	1.470	2.428	7.7	20.1
3 12	9 56.93	− 6 11.8	1.482	2.420	10.0	20.2
3 22	9 51.21	− 4 21.5	1.519	2.412	13.3	20.4

67696 2000 SJ_{348} 2 20.8 168°.79 3°.7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.21	+22 25.2	3.004	3.783	10.2	19.7
1 22	10 33.29	+23 29.8	2.920	3.786	8.1	19.6
2 1	10 27.68	+24 37.2	2.862	3.789	5.8	19.4
2 11	10 20.80	+25 42.3	2.833	3.792	4.0	19.3
2 21	10 13.20	+26 39.8	2.834	3.795	4.1	19.3
3 2	10 5.59	+27 25.6	2.865	3.797	5.9	19.4
3 12	9 58.65	+27 56.9	2.924	3.798	8.1	19.6
3 22	9 52.97	+28 12.9	3.009	3.800	10.3	19.7

378913 2008 UX_{75} 2 20.8 78°.00 8°.7/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.71	+35 10.7	2.130	2.918	13.5	20.8
1 22	10 39.39	+36 32.5	2.070	2.925	11.4	20.7
2 1	10 32.37	+37 48.4	2.034	2.932	9.5	20.6
2 11	10 23.28	+38 49.2	2.023	2.938	8.7	20.6
2 21	10 13.15	+39 27.2	2.038	2.945	9.2	20.6
3 2	10 3.19	+39 38.1	2.079	2.951	10.9	20.7
3 12	9 54.58	+39 21.5	2.143	2.958	13.0	20.9
3 22	9 48.16	+38 40.5	2.228	2.965	15.0	21.0

501389 2013 YD_{75} 2 20.8 34°.02 2°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.52	+ 3 55.2	1.951	2.701	15.9	20.4
1 22	10 34.99	+ 3 32.2	1.871	2.714	13.0	20.2
2 1	10 29.17	+ 3 23.4	1.812	2.727	9.4	20.0
2 11	10 21.64	+ 3 27.8	1.778	2.741	5.6	19.8
2 21	10 13.19	+ 3 42.6	1.771	2.755	2.6	19.6
3 2	10 4.82	+ 4 4.1	1.793	2.770	4.3	19.8
3 12	9 57.50	+ 4 27.4	1.843	2.785	8.0	20.0
3 22	9 51.97	+ 4 48.3	1.917	2.801	11.4	20.3

72532 2001 DD_{99} 2 20.8 44°.03 2°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.47	+13 1.5	1.348	2.151	19.2	19.1
1 22	10 37.58	+13 32.4	1.284	2.165	15.1	18.9
2 1	10 31.50	+14 17.4	1.240	2.180	10.3	18.6
2 11	10 22.96	+15 9.7	1.219	2.195	5.2	18.4
2 21	10 13.16	+16 0.6	1.224	2.211	2.3	18.2
3 2	10 3.58	+16 41.9	1.255	2.227	6.7	18.5
3 12	9 55.65	+17 7.6	1.311	2.244	11.5	18.8
3 22	9 50.32	+17 15.6	1.389	2.261	15.7	19.1

131462 2001 QL_{227} 2 20.8 165°.88 3°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.94	− 3 29.0	2.716	3.412	13.1	20.9
1 22	10 32.38	− 3 31.8	2.614	3.415	11.0	20.7
2 1	10 27.11	− 3 19.2	2.534	3.418	8.5	20.6
2 11	10 20.53	− 2 51.3	2.479	3.421	5.8	20.4
2 21	10 13.22	− 2 10.1	2.452	3.423	3.8	20.3
3 2	10 5.85	− 1 19.0	2.456	3.425	4.1	20.3
3 12	9 59.14	− 0 22.7	2.489	3.426	6.4	20.4
3 22	9 53.67	+ 0 34.2	2.549	3.428	9.1	20.6

82356 2001 MB_{3} 2 20.8 85°.90 3°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.40	− 3 50.6	2.401	3.103	14.5	18.7
1 22	10 32.88	− 3 56.0	2.316	3.120	12.1	18.5
2 1	10 27.50	− 3 43.9	2.252	3.137	9.3	18.4
2 11	10 20.73	− 3 14.8	2.212	3.154	6.4	18.2
2 21	10 13.22	− 2 31.0	2.200	3.170	4.2	18.1
3 2	10 5.74	− 1 36.6	2.217	3.186	4.5	18.1
3 12	9 59.08	− 0 36.8	2.264	3.203	6.9	18.3
3 22	9 53.84	+ 0 22.8	2.337	3.219	9.7	18.5

460250 2014 QG_{276} 2 20.8 113°.68 1°.1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.67	+11 3.1	1.870	2.640	15.8	22.3
1 22	10 38.38	+11 36.5	1.795	2.657	12.5	22.1
2 1	10 31.58	+12 22.3	1.742	2.673	8.6	21.9
2 11	10 22.87	+13 15.5	1.715	2.688	4.2	21.7
2 21	10 13.17	+14 9.6	1.716	2.704	1.2	21.5
3 2	10 3.59	+14 58.2	1.747	2.718	5.1	21.8
3 12	9 55.22	+15 35.9	1.805	2.733	9.2	22.1
3 22	9 48.85	+16 0.1	1.889	2.746	12.8	22.3

57079 2001 OY_{20} 2 20.8 57°.35 0°.7/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.07	+13 8.9	1.652	2.430	17.3	17.8
1 22	10 41.38	+12 56.2	1.577	2.442	13.7	17.6
2 1	10 33.81	+12 52.3	1.523	2.455	9.5	17.4
2 11	10 24.04	+12 53.6	1.494	2.468	4.7	17.1
2 21	10 13.15	+12 55.3	1.493	2.481	0.8	16.9
3 2	10 2.46	+12 53.2	1.520	2.495	5.3	17.2
3 12	9 53.24	+12 43.9	1.575	2.508	9.8	17.5
3 22	9 46.39	+12 26.2	1.654	2.522	13.7	17.8

429030 2009 BQ_{182} 2 20.8 316°.54 0°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.47	+ 6 57.3	2.268	3.028	13.7	21.5
1 22	10 31.64	+ 7 34.7	2.172	3.026	10.9	21.3
2 1	10 26.83	+ 8 26.3	2.097	3.024	7.6	21.1
2 11	10 20.47	+ 9 28.9	2.050	3.022	3.9	20.8
2 21	10 13.23	+10 37.5	2.031	3.019	0.1	20.5
3 2	10 5.90	+11 45.9	2.042	3.017	4.0	20.8
3 12	9 59.36	+12 48.5	2.081	3.015	7.7	21.0
3 22	9 54.29	+13 40.7	2.146	3.013	11.1	21.2

172959 2005 LG_{19} 2 20.8 90°.48 0°.7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.25	+ 5 15.4	2.375	3.124	13.4	20.5
1 22	10 32.05	+ 5 47.9	2.288	3.134	10.8	20.4
2 1	10 26.98	+ 6 34.4	2.223	3.144	7.6	20.2
2 11	10 20.49	+ 7 32.0	2.185	3.154	4.0	20.0
2 21	10 13.23	+ 8 36.0	2.176	3.164	0.7	19.7
3 2	10 5.98	+ 9 41.0	2.197	3.174	3.6	20.0
3 12	9 59.52	+10 41.7	2.247	3.184	7.1	20.2
3 22	9 54.48	+11 33.8	2.324	3.194	10.3	20.4

337627 2001 TH_{85} 2 20.8 85°.73 4°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.95	− 4 55.7	2.411	3.110	14.5	21.0
1 22	10 31.81	− 4 59.5	2.318	3.118	12.2	20.8
2 1	10 26.82	− 4 45.0	2.245	3.126	9.5	20.7
2 11	10 20.42	− 4 12.4	2.196	3.134	6.7	20.5
2 21	10 13.23	− 3 23.9	2.175	3.143	4.5	20.4
3 2	10 6.02	− 2 23.5	2.183	3.151	4.7	20.4
3 12	9 59.57	− 1 16.7	2.220	3.159	7.0	20.5
3 22	9 54.51	− 0 9.3	2.283	3.167	9.8	20.7

282670 2005 VP_{67} 2 20.8 244°.11 2°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.91	+ 3 57.4	1.721	2.474	17.6	22.3
1 22	10 38.45	+ 3 58.1	1.613	2.459	14.5	22.0
2 1	10 32.14	+ 4 17.2	1.526	2.444	10.6	21.7
2 11	10 23.43	+ 4 53.6	1.463	2.429	6.1	21.4
2 21	10 13.16	+ 5 43.3	1.426	2.412	2.1	21.1
3 2	10 2.55	+ 6 40.1	1.418	2.396	5.1	21.3
3 12	9 52.95	+ 7 36.4	1.437	2.378	9.9	21.5
3 22	9 45.46	+ 8 25.7	1.481	2.360	14.4	21.7

337586 2001 ST_{341} 2 20.8 92°.90 9°.4/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 55.46	+44 50.1	2.611	3.354	12.5	20.7
1 22	10 48.04	+45 52.0	2.571	3.377	11.0	20.6
2 1	10 37.91	+46 41.0	2.554	3.400	9.8	20.5
2 11	10 25.89	+47 9.4	2.562	3.422	9.4	20.5
2 21	10 13.13	+47 11.9	2.597	3.444	9.8	20.6
3 2	10 0.93	+46 46.6	2.657	3.466	10.8	20.7
3 12	9 50.41	+45 55.8	2.740	3.487	12.2	20.8
3 22	9 42.32	+44 44.0	2.845	3.508	13.5	21.0

39853 1998 CA_{4} 2 20.8 352°.67 1°.4/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.67	+10 29.2	1.243	2.056	19.9	18.6
1 22	10 33.51	+11 2.5	1.164	2.050	15.9	18.4
2 1	10 29.08	+11 55.8	1.104	2.046	11.0	18.1
2 11	10 21.95	+13 3.1	1.066	2.043	5.5	17.7
2 21	10 13.21	+14 15.2	1.053	2.041	1.6	17.5
3 2	10 4.37	+15 21.3	1.064	2.039	6.9	17.8
3 12	9 57.04	+16 12.1	1.099	2.039	12.4	18.1
3 22	9 52.35	+16 42.6	1.155	2.040	17.2	18.4

241 Germania 2 20.8 156°.90 2°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.22	+ 2 21.6	2.606	3.331	12.9	13.0
1 22	10 33.44	+ 2 22.1	2.508	3.335	10.6	12.9
2 1	10 27.87	+ 2 35.6	2.432	3.339	7.7	12.7
2 11	10 20.94	+ 3 0.7	2.383	3.342	4.7	12.5
2 21	10 13.24	+ 3 34.8	2.363	3.346	2.2	12.3
3 2	10 5.51	+ 4 14.3	2.373	3.349	3.5	12.4
3 12	9 58.49	+ 4 55.0	2.412	3.351	6.6	12.6
3 22	9 52.79	+ 5 32.8	2.479	3.354	9.5	12.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
188698 2005 TF_{27}			2 20.8 150°.87		0°.6/20.3 18	
	h m	° ′			°	m
1 12	10 39.70	+ 9 59.3	2.120	2.883	14.4	21.4
1 22	10 35.85	+10 27.8	2.031	2.889	11.4	21.2
2 1	10 29.78	+11 8.3	1.965	2.894	7.9	21.0
2 11	10 21.98	+11 56.9	1.925	2.899	3.9	20.8
2 21	10 13.22	+12 48.3	1.914	2.903	0.6	20.5
3 2	10 4.45	+13 36.7	1.934	2.907	4.5	20.8
3 12	9 56.64	+14 17.1	1.981	2.911	8.4	21.1
3 22	9 50.54	+14 46.3	2.054	2.914	11.8	21.3
266447 2007 HU_{94}			2 20.8 306°.28		4°.4/17.3 17	
1 12	10 38.53	+19 1.3	1.721	2.523	15.7	20.4
1 22	10 35.89	+19 51.6	1.621	2.502	12.5	20.2
2 1	10 30.41	+20 51.3	1.543	2.481	8.8	19.9
2 11	10 22.56	+21 53.1	1.490	2.460	5.4	19.7
2 21	10 13.20	+22 48.3	1.463	2.440	4.8	19.6
3 2	10 3.58	+23 28.8	1.464	2.419	8.1	19.7
3 12	9 55.05	+23 49.0	1.490	2.399	12.2	19.9
3 22	9 48.70	+23 47.4	1.538	2.380	16.0	20.1
113939 2002 TO_{294}			2 20.8 135°.29		0°.2/20.9 18	
1 12	10 43.71	+ 8 43.4	2.287	3.033	14.0	20.1
1 22	10 38.70	+ 8 55.7	2.203	3.049	11.1	19.9
2 1	10 31.55	+ 9 18.9	2.141	3.064	7.8	19.7
2 11	10 22.80	+ 9 49.9	2.107	3.078	4.0	19.5
2 21	10 13.21	+10 24.4	2.103	3.091	0.2	19.2
3 2	10 3.69	+10 57.9	2.129	3.104	4.0	19.6
3 12	9 55.16	+11 26.4	2.186	3.116	7.6	19.8
3 22	9 48.31	+11 46.9	2.268	3.128	10.9	20.0
86713 2000 GY_{8}			2 20.8 250°.91		1°.1/20.0 18	
1 12	10 42.13	+10 42.1	1.736	2.511	16.7	19.8
1 22	10 38.65	+11 11.2	1.630	2.494	13.4	19.5
2 1	10 32.30	+11 55.4	1.545	2.477	9.4	19.2
2 11	10 23.53	+12 50.6	1.485	2.459	4.7	18.9
2 21	10 13.19	+13 50.0	1.453	2.441	1.2	18.6
3 2	10 2.52	+14 45.8	1.450	2.422	5.8	18.9
3 12	9 52.89	+15 31.0	1.473	2.403	10.7	19.1
3 22	9 45.41	+16 1.1	1.520	2.383	15.1	19.3
161618 2005 VH_{117}			2 20.8 337°.06		1°.9/19.4 18	
1 12	10 36.97	+13 13.7	1.578	2.377	17.0	20.3
1 22	10 34.66	+13 40.9	1.489	2.368	13.5	20.0
2 1	10 29.51	+14 21.2	1.420	2.359	9.4	19.7
2 11	10 22.06	+15 9.2	1.376	2.352	4.7	19.5
2 21	10 13.23	+15 57.7	1.358	2.345	2.1	19.3
3 2	10 4.28	+16 39.1	1.367	2.338	6.3	19.5
3 12	9 56.55	+17 7.1	1.401	2.332	11.0	19.8
3 22	9 51.04	+17 18.7	1.458	2.327	15.2	20.0
216093 2006 QZ_{166}			2 20.8 63°.76		1°.9/22.2 18	
1 12	10 40.57	+ 3 25.9	1.555	2.317	18.9	20.3
1 22	10 37.07	+ 3 39.6	1.491	2.343	15.2	20.2
2 1	10 30.82	+ 4 13.7	1.448	2.369	10.8	20.0
2 11	10 22.53	+ 5 5.0	1.427	2.395	6.1	19.7
2 21	10 13.22	+ 6 7.3	1.434	2.420	2.0	19.5
3 2	10 4.15	+ 7 12.8	1.468	2.446	4.8	19.8
3 12	9 56.50	+ 8 13.9	1.529	2.472	9.2	20.1
3 22	9 51.07	+ 9 4.6	1.615	2.498	13.2	20.4
498321 2007 VF_{166}			2 20.8 147°.84		4°.7/26.6 17	
1 12	10 36.43	− 8 41.8	2.982	3.638	12.8	22.5
1 22	10 32.59	− 8 56.0	2.882	3.647	11.0	22.4
2 1	10 27.16	− 8 54.1	2.803	3.656	8.8	22.3
2 11	10 20.55	− 8 35.7	2.749	3.664	6.7	22.1
2 21	10 13.27	− 8 1.7	2.723	3.672	5.0	22.0
3 2	10 5.96	− 7 14.8	2.726	3.679	4.9	22.0
3 12	9 59.27	− 6 19.1	2.759	3.686	6.4	22.1
3 22	9 53.73	− 5 19.3	2.819	3.693	8.5	22.3
357992 2006 DY_{28}			2 20.8 28°.50		0°.9/20.2 18	
1 12	10 37.03	+ 9 16.6	1.213	2.020	20.6	20.9
1 22	10 35.28	+ 9 48.6	1.146	2.028	16.4	20.6
2 1	10 30.18	+10 41.3	1.097	2.037	11.4	20.3
2 11	10 22.44	+11 48.4	1.070	2.046	5.6	20.1
2 21	10 13.24	+13 0.7	1.068	2.056	1.0	19.8
3 2	10 4.14	+14 7.4	1.091	2.067	6.5	20.2
3 12	9 56.69	+14 59.6	1.138	2.079	11.9	20.5
3 22	9 51.96	+15 32.5	1.206	2.091	16.6	20.8
419167 2009 TQ_{5}			2 20.8 58°.62		4°.1/24.6 18	
1 12	10 38.43	− 3 16.9	1.764	2.490	18.2	20.9
1 22	10 35.04	− 3 14.5	1.699	2.520	15.1	20.7
2 1	10 29.24	− 2 49.0	1.653	2.550	11.4	20.5
2 11	10 21.68	− 2 1.7	1.630	2.580	7.5	20.4
2 21	10 13.26	− 0 56.7	1.634	2.609	4.5	20.2
3 2	10 5.02	+ 0 19.1	1.666	2.639	5.1	20.3
3 12	9 58.00	+ 1 37.7	1.725	2.669	8.3	20.6
3 22	9 52.91	+ 2 51.7	1.810	2.698	11.7	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
111249 2001 XE_{8}			2 20.8 154°.92		4°.3/15.9 18	
	h m	° ′			°	m
1 12	10 37.35	+22 29.0	2.542	3.329	11.6	19.8
1 22	10 33.76	+23 33.2	2.461	3.331	9.2	19.7
2 1	10 28.20	+24 40.8	2.404	3.334	6.6	19.5
2 11	10 21.15	+25 45.8	2.375	3.336	4.6	19.4
2 21	10 13.27	+26 42.0	2.375	3.337	4.6	19.4
3 2	10 5.39	+27 24.5	2.404	3.339	6.7	19.5
3 12	9 58.33	+27 50.3	2.461	3.341	9.2	19.7
3 22	9 52.75	+27 58.8	2.542	3.342	11.7	19.9
231068 2005 PQ_{15}			2 20.8 123°.89		1°.5/19.7 18	
1 12	10 41.55	+10 4.1	1.520	2.304	18.2	21.1
1 22	10 38.23	+10 55.3	1.444	2.314	14.5	20.8
2 1	10 31.92	+12 4.5	1.388	2.323	9.9	20.6
2 11	10 23.24	+13 25.1	1.356	2.331	4.9	20.3
2 21	10 13.23	+14 48.1	1.352	2.340	1.6	20.1
3 2	10 3.26	+16 3.6	1.376	2.347	6.2	20.4
3 12	9 54.69	+17 3.8	1.426	2.355	11.0	20.7
3 22	9 48.51	+17 44.6	1.499	2.362	15.2	21.0
166193 2002 EO_{93}			2 20.8 316°.33		2°.6/19.2 18	
1 12	10 39.80	+14 33.2	1.388	2.194	18.6	20.2
1 22	10 37.45	+14 57.0	1.298	2.181	14.9	19.9
2 1	10 31.79	+15 34.1	1.228	2.168	10.3	19.6
2 11	10 23.37	+16 18.2	1.181	2.156	5.4	19.3
2 21	10 13.23	+17 1.1	1.159	2.145	2.8	19.1
3 2	10 2.87	+17 34.3	1.163	2.133	7.3	19.3
3 12	9 53.92	+17 51.2	1.191	2.123	12.5	19.6
3 22	9 47.61	+17 49.4	1.241	2.113	17.1	19.8
499440 2010 DP_{23}			2 20.8 263°.35		10°.6/ 7.3 17	
1 12	10 51.48	+47 28.2	2.576	3.321	12.6	21.3
1 22	10 45.73	+48 48.0	2.508	3.306	11.5	21.2
2 1	10 36.91	+49 55.9	2.463	3.292	10.7	21.1
2 11	10 25.69	+50 42.8	2.441	3.277	10.6	21.1
2 21	10 13.18	+51 1.8	2.443	3.262	11.3	21.1
3 2	10 0.80	+50 49.2	2.469	3.247	12.4	21.2
3 12	9 49.93	+50 6.0	2.516	3.232	13.9	21.2
3 22	9 41.57	+48 56.3	2.581	3.216	15.3	21.3
240101 2002 CL_{137}			2 20.8 69°.96		2°.6/22.9 18	
1 12	10 39.72	+ 0 22.9	1.437	2.195	20.3	20.3
1 22	10 36.68	+ 0 48.5	1.372	2.219	16.5	20.1
2 1	10 30.72	+ 1 40.2	1.326	2.243	12.0	19.9
2 11	10 22.55	+ 2 54.5	1.303	2.267	7.0	19.7
2 21	10 13.25	+ 4 24.4	1.306	2.291	2.8	19.5
3 2	10 4.16	+ 5 59.8	1.336	2.315	5.1	19.7
3 12	9 56.55	+ 7 30.3	1.393	2.338	9.7	20.0
3 22	9 51.29	+ 8 48.0	1.474	2.361	13.9	20.3
314176 2005 GW_{111}			2 20.8 300°.88		3°.5/16.0 17	
1 12	10 33.82	+22 0.4	3.040	3.825	10.0	20.3
1 22	10 30.69	+22 55.9	2.948	3.818	7.9	20.1
2 1	10 25.94	+23 54.5	2.880	3.810	5.6	20.0
2 11	10 19.98	+24 51.6	2.841	3.803	3.8	19.8
2 21	10 13.31	+25 42.3	2.832	3.796	3.8	19.8
3 2	10 6.59	+26 22.6	2.852	3.789	5.6	19.9
3 12	10 0.49	+26 49.7	2.900	3.782	7.9	20.1
3 22	9 55.55	+27 2.5	2.973	3.775	10.1	20.2
271689 2004 RF_{100}			2 20.8 136°.86		1°.1/21.9 18	
1 12	10 39.20	+ 4 53.3	2.430	3.167	13.5	21.9
1 22	10 35.09	+ 5 11.3	2.341	3.179	10.8	21.7
2 1	10 29.05	+ 5 42.4	2.275	3.191	7.7	21.6
2 11	10 21.56	+ 6 24.2	2.235	3.202	4.2	21.4
2 21	10 13.28	+ 7 12.9	2.225	3.213	1.1	21.1
3 2	10 5.02	+ 8 3.8	2.246	3.223	3.6	21.3
3 12	9 57.59	+ 8 51.9	2.296	3.233	7.0	21.6
3 22	9 51.63	+ 9 33.5	2.374	3.242	10.1	21.8
65921 1998 FM_{47}			2 20.8 53°.04		1°.6/19.8 18	
1 12	10 43.62	+13 35.2	1.481	2.272	18.3	19.2
1 22	10 39.93	+13 45.7	1.405	2.279	14.5	18.9
2 1	10 33.11	+14 7.6	1.350	2.286	10.0	18.7
2 11	10 23.83	+14 35.4	1.319	2.294	5.0	18.4
2 21	10 13.23	+15 2.6	1.314	2.301	1.8	18.2
3 2	10 2.74	+15 22.5	1.336	2.309	6.2	18.5
3 12	9 53.79	+15 30.5	1.384	2.317	11.0	18.8
3 22	9 47.37	+15 24.6	1.455	2.325	15.2	19.1
361431 2006 YP_{18}			2 20.8 137°.42		4°.9/15.5 18	
1 12	10 43.60	+24 12.9	2.456	3.234	12.3	20.9
1 22	10 38.66	+25 27.0	2.387	3.251	9.7	20.8
2 1	10 31.55	+26 43.0	2.342	3.266	7.1	20.6
2 11	10 22.83	+27 53.7	2.327	3.281	5.2	20.5
2 21	10 13.26	+28 52.6	2.341	3.295	5.3	20.6
3 2	10 3.78	+29 34.5	2.384	3.309	7.3	20.7
3 12	9 55.31	+29 57.0	2.456	3.321	9.8	20.9
3 22	9 48.55	+30 0.6	2.551	3.333	12.2	21.1

500188 2012 GZ_{16} 2 20.8 225°.78 5°.4/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.98	+26 8.9	2.599	3.379	11.6	22.1
1 22	10 37.57	+27 22.2	2.503	3.366	9.3	21.9
2 1	10 30.98	+28 37.8	2.432	3.352	7.1	21.8
2 11	10 22.64	+29 48.7	2.389	3.338	5.5	21.7
2 21	10 13.26	+30 48.1	2.376	3.323	5.8	21.6
3 2	10 3.74	+31 30.5	2.392	3.307	7.8	21.7
3 12	9 55.01	+31 52.9	2.435	3.290	10.3	21.9
3 22	9 47.88	+31 55.2	2.502	3.273	12.7	22.0

182704 2001 WB_{3} 2 20.8 220°.15 4°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.94	− 3 1.7	2.131	2.843	15.8	21.0
1 22	10 34.60	− 3 9.8	2.026	2.838	13.3	20.8
2 1	10 29.03	− 2 58.8	1.941	2.832	10.3	20.6
2 11	10 21.70	− 2 28.4	1.880	2.826	7.0	20.3
2 21	10 13.29	− 1 40.8	1.846	2.819	4.4	20.2
3 2	10 4.71	− 0 40.2	1.841	2.812	5.0	20.2
3 12	9 56.96	+ 0 27.1	1.864	2.805	8.0	20.4
3 22	9 50.82	+ 1 34.5	1.914	2.797	11.4	20.5

57393 2001 RS_{78} 2 20.8 121°.38 0°.5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.35	+ 9 23.9	2.014	2.780	15.0	19.4
1 22	10 35.69	+ 9 57.3	1.930	2.789	11.9	19.2
2 1	10 29.72	+10 43.9	1.869	2.798	8.2	19.0
2 11	10 21.99	+11 39.5	1.833	2.807	4.1	18.7
2 21	10 13.29	+12 38.3	1.827	2.815	0.6	18.5
3 2	10 4.62	+13 33.9	1.850	2.824	4.6	18.8
3 12	9 56.96	+14 20.8	1.901	2.832	8.6	19.0
3 22	9 51.09	+14 55.6	1.977	2.839	12.1	19.3

456619 2007 HU_{3} 2 20.8 285°.54 8°.6/11.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.03	+31 4.0	1.956	2.756	14.2	21.4
1 22	10 37.86	+32 43.1	1.867	2.735	11.8	21.2
2 1	10 31.78	+34 23.2	1.801	2.713	9.6	21.0
2 11	10 23.28	+35 53.7	1.761	2.692	8.6	20.9
2 21	10 13.26	+37 4.2	1.747	2.671	9.4	20.9
3 2	10 2.99	+37 46.9	1.759	2.649	11.6	21.0
3 12	9 53.86	+37 58.4	1.795	2.628	14.3	21.1
3 22	9 46.96	+37 40.3	1.850	2.606	17.0	21.2

361664 2007 TS_{409} 2 20.8 163°.65 1°.6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.18	+ 3 5.4	1.731	2.488	17.4	21.4
1 22	10 35.25	+ 3 31.9	1.641	2.490	14.2	21.2
2 1	10 29.72	+ 4 19.4	1.571	2.491	10.2	20.9
2 11	10 22.12	+ 5 25.2	1.525	2.493	5.7	20.7
2 21	10 13.29	+ 6 43.5	1.507	2.494	1.7	20.4
3 2	10 4.38	+ 8 6.5	1.517	2.495	4.7	20.6
3 12	9 56.56	+ 9 25.4	1.554	2.496	9.2	20.9
3 22	9 50.74	+10 33.6	1.616	2.496	13.4	21.1

238356 2004 CC_{4} 2 20.8 344°.21 0°.3/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.84	+11 13.7	2.152	2.918	14.1	20.2
1 22	10 35.98	+11 15.3	2.058	2.917	11.3	20.0
2 1	10 29.89	+11 26.1	1.986	2.915	7.8	19.8
2 11	10 22.08	+11 43.1	1.941	2.914	3.9	19.5
2 21	10 13.30	+12 2.4	1.924	2.913	0.4	19.2
3 2	10 4.49	+12 19.7	1.937	2.912	4.3	19.5
3 12	9 56.62	+12 31.2	1.978	2.911	8.2	19.8
3 22	9 50.43	+12 34.7	2.045	2.910	11.6	20.0

426486 2013 RB_{20} 2 20.8 183°.76 0°.5/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.32	+10 48.1	2.455	3.208	12.9	22.2
1 22	10 36.85	+11 6.7	2.357	3.209	10.3	22.1
2 1	10 30.34	+11 34.6	2.282	3.209	7.1	21.8
2 11	10 22.26	+12 8.7	2.235	3.208	3.6	21.6
2 21	10 13.30	+12 44.7	2.218	3.207	0.6	21.4
3 2	10 4.29	+13 18.2	2.232	3.205	4.1	21.6
3 12	9 56.10	+13 45.3	2.275	3.202	7.6	21.9
3 22	9 49.42	+14 3.5	2.345	3.199	10.7	22.1

486856 2014 JH_{79} 2 20.8 227°.66 5°.4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.27	+20 17.2	1.547	2.347	17.2	21.1
1 22	10 40.71	+21 19.2	1.463	2.342	13.7	20.9
2 1	10 33.87	+22 30.1	1.401	2.336	9.8	20.6
2 11	10 24.36	+23 40.6	1.363	2.330	6.2	20.4
2 21	10 13.26	+24 40.2	1.352	2.324	5.8	20.3
3 2	10 2.06	+25 19.8	1.367	2.317	9.1	20.5
3 12	9 52.31	+25 34.8	1.408	2.310	13.2	20.7
3 22	9 45.17	+25 25.1	1.470	2.303	17.1	21.0

138749 2000 SD_{253} 2 20.8 134°.15 1°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.17	+ 4 26.3	2.802	3.534	12.0	21.1
1 22	10 32.47	+ 4 41.6	2.708	3.544	9.6	20.9
2 1	10 27.13	+ 5 8.5	2.638	3.552	6.9	20.8
2 11	10 20.57	+ 5 45.0	2.596	3.561	3.9	20.6
2 21	10 13.35	+ 6 27.9	2.583	3.569	1.2	20.4
3 2	10 6.12	+ 7 13.5	2.600	3.577	3.1	20.6
3 12	9 59.57	+ 7 57.5	2.648	3.585	6.2	20.8
3 22	9 54.22	+ 8 36.8	2.723	3.592	8.9	21.0

519969 2013 TC_{166} 2 20.8 226°.56 3°.9/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.97	− 4 21.8	2.379	3.077	14.7	22.7
1 22	10 33.62	− 4 16.2	2.265	3.067	12.4	22.5
2 1	10 28.26	− 3 51.5	2.172	3.057	9.6	22.3
2 11	10 21.29	− 3 7.5	2.104	3.046	6.6	22.1
2 21	10 13.34	− 2 6.4	2.063	3.035	4.2	22.0
3 2	10 5.20	− 0 52.6	2.052	3.023	4.6	22.0
3 12	9 57.76	+ 0 27.7	2.071	3.011	7.4	22.1
3 22	9 51.73	+ 1 48.0	2.116	2.998	10.6	22.3

55487 2001 UR_{35} 2 20.8 63°.41 0°.4/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.58	+ 6 1.8	2.287	3.043	13.7	19.3
1 22	10 31.66	+ 6 39.7	2.199	3.050	10.9	19.1
2 1	10 26.81	+ 7 32.1	2.133	3.058	7.7	18.9
2 11	10 20.49	+ 8 35.5	2.094	3.065	4.0	18.7
2 21	10 13.36	+ 9 45.0	2.084	3.072	0.4	18.4
3 2	10 6.21	+10 54.7	2.104	3.080	3.8	18.7
3 12	9 59.87	+11 58.7	2.152	3.088	7.4	19.0
3 22	9 54.99	+12 52.8	2.227	3.095	10.7	19.2

386551 2009 DS_{39} 2 20.8 175°.77 0°.3/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.83	+ 9 2.6	2.473	3.225	12.9	21.3
1 22	10 34.85	+ 9 6.0	2.376	3.226	10.3	21.1
2 1	10 28.94	+ 9 18.9	2.302	3.226	7.2	20.9
2 11	10 21.55	+ 9 38.9	2.255	3.227	3.7	20.7
2 21	10 13.34	+10 2.7	2.238	3.227	0.3	20.4
3 2	10 5.09	+10 26.5	2.251	3.227	3.7	20.7
3 12	9 57.63	+10 46.7	2.293	3.227	7.2	20.9
3 22	9 51.62	+11 0.6	2.362	3.227	10.3	21.1

4355 Memphis 2 20.8 274°.68 2°.5/19.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.16	+17 16.4	1.800	2.581	15.9	17.1
1 22	10 41.55	+17 21.2	1.708	2.576	12.7	16.9
2 1	10 34.07	+17 31.9	1.638	2.572	8.8	16.6
2 11	10 24.32	+17 43.3	1.594	2.567	4.7	16.4
2 21	10 13.28	+17 49.8	1.578	2.563	2.7	16.2
3 2	10 2.23	+17 46.7	1.591	2.558	6.2	16.4
3 12	9 52.46	+17 31.0	1.631	2.554	10.4	16.7
3 22	9 44.94	+17 2.6	1.696	2.549	14.2	16.9

282957 2007 RG_{241} 2 20.8 88°.38 3°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.80	− 6 9.6	2.486	3.173	14.4	20.7
1 22	10 32.34	− 5 52.1	2.403	3.196	12.1	20.6
2 1	10 27.11	− 5 15.3	2.340	3.218	9.4	20.4
2 11	10 20.58	− 4 19.9	2.303	3.240	6.5	20.3
2 21	10 13.36	− 3 9.2	2.294	3.261	4.2	20.1
3 2	10 6.20	− 1 47.9	2.314	3.283	4.4	20.2
3 12	9 59.83	− 0 22.4	2.364	3.304	6.6	20.4
3 22	9 54.83	+ 1 1.2	2.443	3.324	9.3	20.6

87227 2000 OC_{42} 2 20.8 219°.64 1°.3/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.13	+ 3 51.5	2.625	3.352	12.8	21.6
1 22	10 35.09	+ 4 9.1	2.509	3.341	10.4	21.4
2 1	10 29.15	+ 4 40.3	2.417	3.329	7.5	21.2
2 11	10 21.71	+ 5 23.0	2.352	3.316	4.3	20.9
2 21	10 13.35	+ 6 14.1	2.316	3.303	1.4	20.7
3 2	10 4.81	+ 7 9.2	2.312	3.288	3.5	20.8
3 12	9 56.92	+ 8 3.4	2.338	3.273	6.9	21.0
3 22	9 50.36	+ 8 52.4	2.391	3.258	10.1	21.2

318071 2004 FZ_{152} 2 20.8 63°.13 2°.2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.74	+16 6.8	1.675	2.459	16.8	20.6
1 22	10 41.25	+16 11.9	1.596	2.466	13.3	20.3
2 1	10 33.84	+16 24.3	1.538	2.472	9.2	20.1
2 11	10 24.17	+16 38.8	1.505	2.479	4.7	19.9
2 21	10 13.30	+16 49.5	1.500	2.486	2.3	19.7
3 2	10 2.56	+16 51.5	1.524	2.493	6.1	20.0
3 12	9 53.25	+16 41.6	1.574	2.500	10.4	20.2
3 22	9 46.30	+16 19.4	1.648	2.507	14.3	20.5

495485 2014 UE_{85} 2 20.8 143°.82 1°.3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.33	+11 59.7	2.112	2.879	14.3	22.0
1 22	10 37.15	+12 33.4	2.027	2.888	11.3	21.8
2 1	10 30.69	+13 17.8	1.966	2.896	7.8	21.6
2 11	10 22.49	+14 8.3	1.930	2.904	3.9	21.4
2 21	10 13.34	+14 59.1	1.924	2.912	1.4	21.2
3 2	10 4.20	+15 44.6	1.948	2.918	4.9	21.5
3 12	9 56.08	+16 19.9	2.001	2.925	8.7	21.7
3 22	9 49.73	+16 42.5	2.079	2.931	12.0	21.9

10219 Penco 2 20.8 171°.45 1°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.89	+11 50.3	1.753	2.527	16.6	18.8
1 22	10 39.76	+12 12.3	1.666	2.529	13.2	18.6
2 1	10 32.84	+12 46.6	1.600	2.531	9.1	18.3
2 11	10 23.71	+13 28.6	1.559	2.533	4.6	18.1
2 21	10 13.32	+14 11.9	1.546	2.534	1.3	17.8
3 2	10 2.90	+14 49.8	1.563	2.535	5.5	18.1
3 12	9 53.71	+15 17.1	1.606	2.535	10.0	18.4
3 22	9 46.71	+15 31.0	1.674	2.535	14.0	18.6

416650 2004 TW_{102} 2 20.8 127.°46 2.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.50	+ 2 3.8	2.632	3.348	13.0	21.9
1 22	10 35.90	+ 2 5.2	2.545	3.366	10.6	21.7
2 1	10 29.51	+ 2 19.5	2.480	3.384	7.8	21.6
2 11	10 21.78	+ 2 45.3	2.442	3.400	4.7	21.4
2 21	10 13.36	+ 3 19.8	2.434	3.417	2.2	21.3
3 2	10 4.98	+ 3 59.3	2.457	3.432	3.5	21.4
3 12	9 57.39	+ 4 39.6	2.510	3.447	6.4	21.6
3 22	9 51.18	+ 5 16.9	2.591	3.461	9.3	21.8

51280 2000 KG_4 2 20.8 35.°13 1.°3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.23	+11 36.5	2.098	2.875	14.1	19.5
1 22	10 33.21	+12 16.7	2.011	2.878	11.1	19.3
2 1	10 28.02	+13 8.4	1.947	2.881	7.6	19.1
2 11	10 21.16	+14 7.2	1.909	2.884	3.8	18.9
2 21	10 13.37	+15 7.1	1.900	2.887	1.4	18.7
3 2	10 5.55	+16 1.9	1.920	2.890	4.9	18.9
3 12	9 58.65	+16 46.3	1.968	2.894	8.6	19.2
3 22	9 53.41	+17 17.4	2.040	2.898	12.0	19.4

78225 2002 OS_{10} 2 20.8 171.°14 1.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.24	+ 3 54.2	2.553	3.280	13.1	19.9
1 22	10 35.88	+ 3 43.5	2.453	3.283	10.7	19.7
2 1	10 29.62	+ 3 44.3	2.376	3.285	7.8	19.5
2 11	10 21.90	+ 3 55.5	2.325	3.287	4.6	19.3
2 21	10 13.36	+ 4 14.7	2.304	3.288	2.0	19.1
3 2	10 4.77	+ 4 38.8	2.313	3.289	3.6	19.2
3 12	9 56.93	+ 5 4.0	2.352	3.290	6.8	19.5
3 22	9 50.51	+ 5 26.9	2.419	3.290	9.8	19.6

275498 1994 XV_2 2 20.8 71.°06 0.°4/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.08	+ 9 5.7	2.046	2.814	14.7	21.0
1 22	10 33.93	+ 9 36.7	1.957	2.818	11.7	20.8
2 1	10 28.55	+10 21.0	1.891	2.821	8.1	20.6
2 11	10 21.44	+11 14.8	1.850	2.824	4.1	20.4
2 21	10 13.37	+12 12.5	1.838	2.827	0.5	20.1
3 2	10 5.26	+13 8.1	1.855	2.830	4.5	20.4
3 12	9 58.10	+13 55.8	1.901	2.833	8.5	20.6
3 22	9 52.63	+14 31.9	1.971	2.836	12.0	20.9

457334 2008 SP_{181} 2 20.8 87.°72 0.°4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.01	+ 8 43.5	1.527	2.302	18.6	22.6
1 22	10 39.93	+ 9 14.3	1.463	2.326	14.7	22.4
2 1	10 32.90	+10 2.0	1.418	2.349	10.2	22.2
2 11	10 23.67	+11 0.9	1.398	2.372	5.1	21.9
2 21	10 13.33	+12 3.4	1.406	2.394	0.5	21.6
3 2	10 3.23	+13 1.5	1.441	2.416	5.4	22.1
3 12	9 54.66	+13 48.3	1.504	2.438	10.1	22.4
3 22	9 48.49	+14 20.3	1.590	2.459	14.1	22.7

268102 2004 RQ_{337} 2 20.8 69.°58 1.°1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.63	+11 50.6	1.919	2.695	15.3	21.1
1 22	10 36.05	+12 13.6	1.837	2.703	12.1	20.9
2 1	10 30.05	+12 47.7	1.778	2.711	8.3	20.7
2 11	10 22.21	+13 28.5	1.744	2.719	4.1	20.5
2 21	10 13.36	+14 10.4	1.739	2.727	1.2	20.3
3 2	10 4.57	+14 47.4	1.762	2.735	5.0	20.5
3 12	9 56.87	+15 15.0	1.813	2.743	9.0	20.8
3 22	9 51.05	+15 30.4	1.889	2.751	12.6	21.0

135363 2001 TD_{123} 2 20.8 224.°03 3.°0/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.68	+ 0 45.1	2.643	3.355	13.1	20.3
1 22	10 35.46	+ 0 22.0	2.533	3.348	10.9	20.1
2 1	10 29.37	+ 0 11.0	2.444	3.341	8.2	19.9
2 11	10 21.81	+ 0 12.0	2.382	3.333	5.3	19.7
2 21	10 13.38	+ 0 23.6	2.348	3.325	3.1	19.6
3 2	10 4.81	+ 0 43.3	2.345	3.317	4.0	19.6
3 12	9 56.92	+ 1 7.4	2.372	3.309	6.8	19.8
3 22	9 50.35	+ 1 32.4	2.426	3.300	9.7	20.0

99685 2002 JH_{21} 2 20.8 2.°00 0.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.79	+ 7 50.1	1.277	2.077	20.2	19.7
1 22	10 35.07	+ 7 55.0	1.199	2.076	16.3	19.5
2 1	10 30.11	+ 8 19.6	1.139	2.075	11.5	19.2
2 11	10 22.51	+ 9 0.2	1.101	2.075	6.0	18.9
2 21	10 13.36	+ 9 50.2	1.088	2.076	0.5	18.5
3 2	10 4.15	+10 41.1	1.099	2.078	5.8	18.9
3 12	9 56.44	+11 24.4	1.135	2.081	11.3	19.2
3 22	9 51.34	+11 54.3	1.193	2.085	16.2	19.5

302151 2001 SQ_{201} 2 20.8 195.°93 0.°4/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.29	+ 6 52.0	1.908	2.663	16.1	22.6
1 22	10 38.33	+ 7 18.0	1.811	2.661	12.9	22.4
2 1	10 31.79	+ 8 0.4	1.734	2.658	9.1	22.1
2 11	10 23.19	+ 8 55.6	1.683	2.654	4.8	21.9
2 21	10 13.35	+ 9 58.3	1.661	2.650	0.4	21.5
3 2	10 3.36	+11 1.4	1.668	2.644	4.7	21.8
3 12	9 54.39	+11 58.3	1.704	2.638	9.2	22.1
3 22	9 47.35	+12 43.9	1.765	2.631	13.1	22.3

46842 1998 QK_{20} 2 20.8 145.°67 1.°9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.83	+ 3 39.6	1.849	2.599	16.7	19.6
1 22	10 36.35	+ 3 44.9	1.759	2.603	13.6	19.4
2 1	10 30.38	+ 4 7.7	1.689	2.606	9.8	19.2
2 11	10 22.44	+ 4 46.0	1.644	2.610	5.6	18.9
2 21	10 13.37	+ 5 35.5	1.627	2.613	2.0	18.7
3 2	10 4.25	+ 6 30.3	1.638	2.616	4.5	18.9
3 12	9 56.19	+ 7 23.7	1.677	2.619	8.7	19.1
3 22	9 50.05	+ 8 10.2	1.742	2.621	12.6	19.3

109016 2001 QG_5 2 20.8 215.°90 0.°3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.64	+ 9 57.0	2.224	2.981	14.0	20.9
1 22	10 37.44	+10 14.6	2.120	2.973	11.2	20.7
2 1	10 30.97	+10 43.5	2.039	2.965	7.8	20.5
2 11	10 22.71	+11 20.2	1.984	2.957	4.0	20.2
2 21	10 13.38	+12 0.4	1.959	2.948	0.4	19.9
3 2	10 3.90	+12 38.9	1.964	2.938	4.4	20.2
3 12	9 55.28	+13 11.0	1.998	2.927	8.3	20.4
3 22	9 48.32	+13 33.5	2.057	2.917	11.8	20.6

224275 2005 TU_{51} 2 20.8 222.°61 5.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.03	+26 19.1	2.153	2.938	13.5	20.8
1 22	10 40.37	+27 14.7	2.065	2.931	10.9	20.6
2 1	10 33.12	+28 11.6	2.000	2.923	8.2	20.4
2 11	10 23.82	+29 1.9	1.962	2.915	6.2	20.3
2 21	10 13.36	+29 38.2	1.953	2.906	6.3	20.3
3 2	10 2.85	+29 55.1	1.971	2.897	8.5	20.4
3 12	9 53.48	+29 50.3	2.016	2.888	11.3	20.5
3 22	9 46.11	+29 24.7	2.085	2.878	14.1	20.7

63589 2001 QX_{49} 2 20.8 264.°00 0.°8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.06	+ 9 20.5	2.305	3.072	13.3	19.3
1 22	10 32.18	+10 10.3	2.204	3.064	10.6	19.1
2 1	10 27.29	+11 13.6	2.126	3.056	7.3	18.9
2 11	10 20.82	+12 26.4	2.075	3.049	3.6	18.6
2 21	10 13.41	+13 42.9	2.053	3.041	0.9	18.4
3 2	10 5.88	+14 56.7	2.061	3.033	4.4	18.7
3 12	9 59.09	+16 2.0	2.098	3.025	8.1	18.9
3 22	9 53.77	+16 54.5	2.161	3.017	11.4	19.1

284851 2009 BQ_{122} 2 20.8 173.°87 0.°4/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.73	+ 8 48.5	2.599	3.345	12.5	21.1
1 22	10 35.46	+ 8 47.9	2.500	3.347	10.0	21.0
2 1	10 29.31	+ 8 56.3	2.426	3.348	7.0	20.8
2 11	10 21.75	+ 9 11.5	2.378	3.348	3.7	20.6
2 21	10 13.40	+ 9 30.4	2.360	3.349	0.4	20.3
3 2	10 5.02	+ 9 49.6	2.373	3.349	3.5	20.5
3 12	9 57.40	+10 6.0	2.416	3.349	6.9	20.8
3 22	9 51.16	+10 16.9	2.486	3.349	9.9	20.9

247665 2002 XY_{89} 2 20.8 116.°70 0.°1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.94	+ 7 1.7	2.355	3.097	13.7	21.7
1 22	10 37.22	+ 7 40.5	2.279	3.122	10.9	21.5
2 1	10 30.51	+ 8 32.1	2.226	3.147	7.6	21.4
2 11	10 22.32	+ 9 32.5	2.200	3.171	3.9	21.2
2 21	10 13.39	+10 36.8	2.205	3.194	0.1	20.9
3 2	10 4.57	+11 39.2	2.241	3.216	3.8	21.2
3 12	9 56.70	+12 34.7	2.308	3.237	7.4	21.5
3 22	9 50.41	+13 20.0	2.401	3.257	10.4	21.7

200616 2001 SX_{45} 2 20.8 109.°36 2.°0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.12	+12 25.5	1.655	2.434	17.2	21.2
1 22	10 39.91	+13 12.1	1.585	2.452	13.5	21.0
2 1	10 32.87	+14 12.0	1.536	2.470	9.2	20.8
2 11	10 23.68	+15 18.6	1.513	2.488	4.6	20.6
2 21	10 13.37	+16 23.7	1.518	2.504	2.2	20.4
3 2	10 3.21	+17 19.4	1.552	2.521	6.1	20.7
3 12	9 54.47	+18 0.0	1.613	2.536	10.4	21.0
3 22	9 48.02	+18 23.1	1.697	2.551	14.2	21.3

207998 1998 HH_{61} 2 20.8 346.°64 8.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.91	+34 38.6	1.948	2.742	14.4	19.5
1 22	10 39.90	+35 40.6	1.876	2.736	12.1	19.3
2 1	10 32.97	+36 36.9	1.826	2.731	10.0	19.1
2 11	10 23.76	+37 18.0	1.801	2.726	8.9	19.1
2 21	10 13.37	+37 35.9	1.802	2.722	9.4	19.1
3 2	10 3.11	+37 25.9	1.828	2.718	11.2	19.2
3 12	9 54.30	+36 47.8	1.877	2.715	13.6	19.3
3 22	9 47.85	+35 45.1	1.948	2.713	16.0	19.5

4031 Mueller 2 20.8 66.°19 10.°3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	11 7.02	+31 53.1	1.034	1.837	23.8	15.6
1 22	11 0.18	+32 11.4	0.978	1.849	19.6	15.4
2 1	10 47.91	+32 20.5	0.939	1.861	15.1	15.1
2 11	10 31.47	+32 4.5	0.921	1.873	11.3	15.0
2 21	10 13.24	+31 11.7	0.926	1.885	10.5	15.0
3 2	9 56.15	+29 39.8	0.956	1.898	13.2	15.2
3 12	9 42.63	+27 37.0	1.010	1.910	17.4	15.4
3 22	9 33.83	+25 16.0	1.084	1.923	21.5	15.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
331502 1999 TH_{307}			2 20.8 168°.40	4°.3/25.6 18		
	h m	° ′			°	m
1 12	10 37.07	− 5 52.5	2.507	3.193	14.3	21.4
1 22	10 33.49	− 5 55.5	2.406	3.196	12.1	21.3
2 1	10 28.04	− 5 40.1	2.325	3.199	9.5	21.1
2 11	10 21.15	− 5 6.4	2.268	3.202	6.8	20.9
2 21	10 13.42	− 4 16.2	2.239	3.204	4.6	20.8
3 2	10 5.62	− 3 13.2	2.240	3.206	4.8	20.8
3 12	9 58.54	− 2 2.9	2.270	3.207	7.0	20.9
3 22	9 52.83	− 0 51.3	2.328	3.208	9.8	21.1
277888 2006 KL_{18}			2 20.8 265°.25	2°.3/18.5 17		
1 12	10 36.79	+13 58.3	2.282	3.059	13.1	21.1
1 22	10 33.68	+14 53.9	2.175	3.043	10.4	20.9
2 1	10 28.43	+16 0.6	2.092	3.027	7.1	20.6
2 11	10 21.45	+17 13.4	2.037	3.010	3.7	20.4
2 21	10 13.41	+18 25.9	2.010	2.993	2.5	20.3
3 2	10 5.18	+19 31.5	2.014	2.976	5.5	20.4
3 12	9 57.69	+20 24.6	2.045	2.959	9.1	20.6
3 22	9 51.74	+21 2.0	2.102	2.942	12.4	20.8
100085 1992 UY_{4}			2 20.8 127°.89	0°.4/21.3 18		
1 12	10 41.99	+ 6 50.9	3.235	3.956	10.7	24.0
1 22	10 36.65	+ 7 17.4	3.151	3.982	8.5	23.9
2 1	10 29.81	+ 7 52.8	3.092	4.007	6.0	23.7
2 11	10 21.88	+ 8 34.7	3.063	4.031	3.1	23.6
2 21	10 13.41	+ 9 19.7	3.065	4.054	0.4	23.4
3 2	10 5.02	+10 4.4	3.101	4.075	2.9	23.6
3 12	9 57.30	+10 45.5	3.168	4.096	5.7	23.8
3 22	9 50.76	+11 20.3	3.264	4.116	8.1	24.0
308293 2005 JE_{83}			2 20.8 34°.62	1°.1/20.0 18		
1 12	10 38.29	+10 21.7	1.475	2.269	18.3	20.6
1 22	10 35.76	+10 54.6	1.400	2.275	14.5	20.3
2 1	10 30.28	+11 44.2	1.345	2.281	10.0	20.1
2 11	10 22.48	+12 44.8	1.313	2.288	5.0	19.8
2 21	10 13.39	+13 48.5	1.307	2.295	1.2	19.6
3 2	10 4.34	+14 46.6	1.329	2.303	5.9	19.9
3 12	9 56.67	+15 31.9	1.376	2.311	10.8	20.2
3 22	9 51.35	+16 0.6	1.445	2.320	15.0	20.5
217120 2002 CN_{8}			2 20.8 86°.08	1°.1/19.8 18		
1 12	10 39.94	+ 9 25.4	1.997	2.763	15.1	21.0
1 22	10 36.03	+10 24.7	1.931	2.790	11.9	20.9
2 1	10 29.87	+11 37.7	1.887	2.817	8.1	20.7
2 11	10 22.05	+12 58.6	1.870	2.844	3.9	20.5
2 21	10 13.41	+14 20.3	1.883	2.870	1.2	20.3
3 2	10 4.92	+15 35.4	1.925	2.896	4.8	20.6
3 12	9 57.54	+16 38.3	1.996	2.921	8.6	20.9
3 22	9 51.95	+17 25.6	2.093	2.946	11.9	21.2
75734 2000 AF_{139}			2 20.8 197°.47	2°.8/18.5 18		
1 12	10 42.40	+13 16.4	1.708	2.491	16.6	18.3
1 22	10 38.82	+14 21.8	1.619	2.489	13.1	18.1
2 1	10 32.37	+15 42.5	1.551	2.486	9.0	17.8
2 11	10 23.58	+17 11.4	1.508	2.482	4.7	17.6
2 21	10 13.38	+18 39.1	1.494	2.478	3.1	17.5
3 2	10 3.02	+19 56.1	1.509	2.473	6.9	17.7
3 12	9 53.85	+20 55.0	1.551	2.467	11.3	17.9
3 22	9 46.89	+21 32.5	1.616	2.460	15.2	18.1
141169 2001 XQ_{146}			2 20.8 119°.17	1°.4/22.4 17		
1 12	10 37.01	+ 3 50.5	2.804	3.532	12.1	20.8
1 22	10 33.10	+ 4 1.5	2.715	3.546	9.7	20.7
2 1	10 27.56	+ 4 24.2	2.649	3.560	7.0	20.5
2 11	10 20.82	+ 4 56.6	2.611	3.574	4.0	20.3
2 21	10 13.43	+ 5 35.7	2.602	3.587	1.5	20.1
3 2	10 6.07	+ 6 18.0	2.624	3.600	3.1	20.3
3 12	9 59.41	+ 6 59.4	2.676	3.613	6.1	20.5
3 22	9 53.97	+ 7 36.6	2.755	3.625	8.8	20.7
295695 2008 TC_{166}			2 20.8 243°.21	0°.5/21.2 18		
1 12	10 40.53	+ 6 28.1	1.703	2.469	17.3	21.6
1 22	10 37.40	+ 6 53.8	1.600	2.456	14.0	21.4
2 1	10 31.46	+ 7 38.4	1.517	2.443	10.0	21.1
2 11	10 23.17	+ 8 38.9	1.459	2.430	5.3	20.8
2 21	10 13.38	+ 9 49.3	1.427	2.416	0.5	20.4
3 2	10 3.30	+11 1.7	1.425	2.402	5.2	20.7
3 12	9 54.25	+12 7.7	1.449	2.387	10.2	20.9
3 22	9 47.31	+13 1.1	1.498	2.371	14.6	21.2
271129 2003 SU_{62}			2 20.8 243°.07	1°.7/22.3 17		
1 12	10 40.44	+ 5 1.5	2.340	3.078	13.9	20.8
1 22	10 36.39	+ 4 52.5	2.229	3.066	11.4	20.6
2 1	10 30.20	+ 4 55.5	2.140	3.054	8.3	20.4
2 11	10 22.32	+ 5 9.2	2.077	3.042	4.8	20.1
2 21	10 13.40	+ 5 31.2	2.043	3.029	1.8	19.9
3 2	10 4.31	+ 5 57.7	2.039	3.016	3.9	20.0
3 12	9 55.98	+ 6 24.5	2.065	3.003	7.6	20.2
3 22	9 49.16	+ 6 47.9	2.117	2.989	11.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
309851 2009 DB_{17}			2 20.8 321°.34	0°.7/20.4 18		
	h m	° ′			°	m
1 12	10 36.83	+ 9 27.1	1.422	2.219	18.7	20.4
1 22	10 34.95	+ 9 51.3	1.331	2.207	15.0	20.1
2 1	10 30.01	+10 33.9	1.260	2.196	10.5	19.8
2 11	10 22.51	+11 30.7	1.211	2.186	5.3	19.5
2 21	10 13.41	+12 34.4	1.187	2.176	0.8	19.1
3 2	10 4.08	+13 35.8	1.190	2.167	6.1	19.4
3 12	9 56.03	+14 26.2	1.218	2.158	11.4	19.7
3 22	9 50.39	+15 0.4	1.268	2.150	16.2	20.0
349238 2007 TE_{77}			2 20.8 43°.81	2°.1/22.7 18		
1 12	10 36.67	+ 3 9.3	2.046	2.794	15.4	20.6
1 22	10 33.52	+ 3 8.3	1.963	2.804	12.5	20.4
2 1	10 28.21	+ 3 22.8	1.900	2.815	9.1	20.3
2 11	10 21.27	+ 3 51.2	1.862	2.826	5.3	20.0
2 21	10 13.43	+ 4 30.0	1.852	2.837	2.2	19.9
3 2	10 5.63	+ 5 14.3	1.871	2.849	4.1	20.0
3 12	9 58.77	+ 5 58.6	1.918	2.860	7.7	20.2
3 22	9 53.58	+ 6 38.1	1.990	2.873	11.1	20.5
62899 2000 UT_{104}			2 20.8 204°.27	0°.8/21.6 18		
1 12	10 40.51	+ 6 44.2	2.529	3.268	13.0	19.6
1 22	10 36.21	+ 6 51.3	2.423	3.263	10.5	19.5
2 1	10 29.94	+ 7 9.6	2.339	3.257	7.4	19.2
2 11	10 22.14	+ 7 36.9	2.283	3.251	4.0	19.0
2 21	10 13.42	+ 8 10.1	2.257	3.245	0.8	18.8
3 2	10 4.61	+ 8 45.0	2.261	3.237	3.6	19.0
3 12	9 56.52	+ 9 17.6	2.295	3.229	7.1	19.2
3 22	9 49.86	+ 9 44.4	2.356	3.221	10.3	19.4
165506 2001 BN_{79}			2 20.8 2°.38	0°.4/20.6 18		
1 12	10 36.38	+ 8 43.0	1.356	2.154	19.3	20.1
1 22	10 34.58	+ 9 6.6	1.276	2.153	15.5	19.8
2 1	10 29.68	+ 9 49.6	1.216	2.153	10.8	19.6
2 11	10 22.28	+10 47.3	1.178	2.153	5.5	19.3
2 21	10 13.42	+11 52.0	1.166	2.154	0.4	18.9
3 2	10 4.49	+12 54.5	1.179	2.156	5.9	19.3
3 12	9 56.97	+13 46.0	1.217	2.158	11.2	19.6
3 22	9 51.93	+14 21.3	1.277	2.162	15.8	19.9
293941 2007 TU_{13}			2 20.8 163°.72	1°.3/19.7 18		
1 12	10 42.95	+11 45.9	2.027	2.793	14.9	21.9
1 22	10 38.61	+12 23.1	1.940	2.799	11.8	21.7
2 1	10 31.83	+13 12.0	1.874	2.804	8.1	21.5
2 11	10 23.16	+14 7.7	1.836	2.809	4.1	21.2
2 21	10 13.43	+15 4.1	1.826	2.813	1.5	21.0
3 2	10 3.68	+15 54.8	1.846	2.816	5.1	21.3
3 12	9 54.98	+16 34.6	1.895	2.819	9.1	21.5
3 22	9 48.15	+17 0.6	1.969	2.821	12.6	21.8
135421 2001 UC_{49}			2 20.8 98°.03	1°.2/19.5 18	R	
1 12	10 36.94	+11 48.7	2.543	3.307	12.3	20.1
1 22	10 33.26	+12 32.8	2.464	3.324	9.6	19.9
2 1	10 27.78	+13 26.1	2.410	3.341	6.5	19.7
2 11	10 20.97	+14 24.2	2.384	3.357	3.2	19.5
2 21	10 13.47	+15 22.3	2.387	3.374	1.3	19.4
3 2	10 6.02	+16 15.4	2.421	3.390	4.2	19.6
3 12	9 59.37	+16 59.4	2.484	3.406	7.3	19.9
3 22	9 54.10	+17 31.8	2.574	3.422	10.1	20.1
171236 2005 JR_{177}			2 20.8 223°.27	2°.7/23.7 17		
1 12	10 35.72	− 0 15.0	2.495	3.214	13.6	20.8
1 22	10 32.48	− 0 10.9	2.390	3.210	11.2	20.6
2 1	10 27.38	+ 0 8.6	2.306	3.206	8.4	20.4
2 11	10 20.85	+ 0 42.8	2.248	3.202	5.4	20.2
2 21	10 13.47	+ 1 29.0	2.219	3.198	2.9	20.1
3 2	10 5.99	+ 2 23.2	2.219	3.194	3.8	20.1
3 12	9 59.19	+ 3 20.4	2.248	3.189	6.8	20.3
3 22	9 53.74	+ 4 15.4	2.304	3.184	9.9	20.5
52989 1998 UT_{23}			2 20.8 306°.15	1°.7/19.6 18		
1 12	10 36.58	+ 9 46.3	1.352	2.154	19.2	18.0
1 22	10 34.96	+10 36.6	1.263	2.143	15.4	17.7
2 1	10 30.15	+11 49.0	1.193	2.132	10.7	17.4
2 11	10 22.65	+13 17.4	1.146	2.122	5.3	17.1
2 21	10 13.43	+14 52.1	1.125	2.112	1.8	16.8
3 2	10 3.96	+16 21.2	1.129	2.102	7.0	17.1
3 12	9 55.80	+17 34.0	1.158	2.093	12.4	17.4
3 22	9 50.19	+18 24.5	1.209	2.084	17.3	17.6
172970 2005 QD_{32}			2 20.8 201°.97	1°.0/21.9 18		
1 12	10 37.15	+ 5 57.0	2.880	3.615	11.6	20.6
1 22	10 33.29	+ 6 2.3	2.775	3.612	9.4	20.4
2 1	10 27.77	+ 6 17.8	2.693	3.609	6.7	20.2
2 11	10 20.98	+ 6 41.5	2.639	3.605	3.7	20.0
2 21	10 13.47	+ 7 10.9	2.614	3.601	1.0	19.8
3 2	10 5.90	+ 7 42.5	2.621	3.597	3.1	20.0
3 12	9 58.94	+ 8 12.9	2.657	3.593	6.2	20.2
3 22	9 53.18	+ 8 39.2	2.721	3.588	9.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
410004 2006 WO_{37}			2 20.8	78°.10	3°.2/23.5	18
	h m	° ′			°	m
1 12	10 37.66	− 0 9.4	1.767	2.509	17.6	21.7
1 22	10 34.73	− 0 3.8	1.682	2.517	14.5	21.5
2 1	10 29.30	+ 0 23.1	1.617	2.526	10.8	21.2
2 11	10 21.93	+ 1 10.2	1.575	2.534	6.7	21.0
2 21	10 13.46	+ 2 13.1	1.561	2.542	3.4	20.8
3 2	10 4.97	+ 3 25.4	1.574	2.551	4.8	20.9
3 12	9 57.58	+ 4 39.1	1.614	2.559	8.7	21.2
3 22	9 52.11	+ 5 46.9	1.680	2.568	12.5	21.4
142716 2002 TU_{266}			2 20.8	84°.25	1°.4/21.9	18
1 12	10 42.65	+ 4 48.6	1.858	2.607	16.7	19.6
1 22	10 38.28	+ 5 0.1	1.790	2.634	13.4	19.4
2 1	10 31.49	+ 5 27.7	1.743	2.661	9.5	19.3
2 11	10 22.90	+ 6 8.5	1.721	2.688	5.2	19.1
2 21	10 13.45	+ 6 57.4	1.727	2.714	1.4	18.8
3 2	10 4.19	+ 7 48.3	1.763	2.740	4.3	19.1
3 12	9 56.16	+ 8 35.4	1.827	2.765	8.3	19.4
3 22	9 50.09	+ 9 14.2	1.916	2.790	11.9	19.7
451022 2008 VS_{33}			2 20.8	83°.73	0°.2/20.7	16
1 12	10 43.47	+ 7 49.9	1.514	2.288	18.8	22.1
1 22	10 39.52	+ 8 25.6	1.452	2.314	14.9	21.9
2 1	10 32.65	+ 9 19.3	1.409	2.339	10.3	21.6
2 11	10 23.59	+10 25.4	1.390	2.364	5.2	21.4
2 21	10 13.44	+11 35.8	1.399	2.388	0.3	21.1
3 2	10 3.54	+12 42.0	1.436	2.412	5.4	21.5
3 12	9 55.16	+13 36.8	1.500	2.435	10.1	21.9
3 22	9 49.17	+14 16.0	1.587	2.458	14.1	22.2
421304 2013 TM_{31}			2 20.8	64°.33	2°.5/22.9	18
1 12	10 40.78	+ 3 9.2	1.941	2.683	16.2	21.0
1 22	10 36.77	+ 2 54.6	1.866	2.704	13.2	20.8
2 1	10 30.44	+ 2 55.6	1.813	2.725	9.6	20.6
2 11	10 22.39	+ 3 10.6	1.784	2.746	5.7	20.4
2 21	10 13.46	+ 3 36.4	1.783	2.767	2.6	20.2
3 2	10 4.66	+ 4 8.6	1.811	2.788	4.3	20.4
3 12	9 56.98	+ 4 41.8	1.867	2.809	8.0	20.7
3 22	9 51.13	+ 5 11.6	1.949	2.830	11.4	20.9
189473 1999 TK_{219}			2 20.8	138°.99	3°.3/24.2	16 R
1 12	10 38.30	− 1 48.1	2.440	3.147	14.2	21.2
1 22	10 34.45	− 1 49.1	2.346	3.157	11.8	21.1
2 1	10 28.70	− 1 33.8	2.274	3.167	8.9	20.9
2 11	10 21.49	− 1 3.0	2.227	3.176	5.9	20.7
2 21	10 13.48	− 0 19.0	2.209	3.184	3.5	20.6
3 2	10 5.45	+ 0 34.0	2.220	3.193	4.1	20.6
3 12	9 58.20	+ 1 30.8	2.261	3.200	6.9	20.8
3 22	9 52.38	+ 2 26.4	2.329	3.208	9.9	21.0
39364 2002 BN_{7}			2 20.8	263°.91	2°.6/18.2	18
1 12	10 36.16	+12 55.8	1.974	2.759	14.6	19.5
1 22	10 33.48	+14 11.3	1.881	2.753	11.5	19.3
2 1	10 28.45	+15 41.3	1.810	2.747	7.9	19.0
2 11	10 21.53	+17 19.3	1.767	2.741	4.1	18.8
2 21	10 13.47	+18 56.9	1.752	2.735	2.9	18.7
3 2	10 5.27	+20 25.4	1.767	2.728	6.2	18.9
3 12	9 57.98	+21 37.8	1.809	2.722	10.1	19.1
3 22	9 52.45	+22 30.3	1.875	2.716	13.6	19.3
175206 2005 GS_{7}			2 20.8	194°.71	4°.0/24.3	17
1 12	10 38.91	− 1 16.7	2.244	2.959	15.1	20.0
1 22	10 35.20	− 1 46.5	2.145	2.959	12.6	19.9
2 1	10 29.38	− 2 0.9	2.066	2.959	9.7	19.7
2 11	10 21.92	− 1 59.7	2.013	2.959	6.6	19.5
2 21	10 13.49	− 1 44.1	1.986	2.959	4.2	19.3
3 2	10 4.97	− 1 17.2	1.989	2.959	4.8	19.4
3 12	9 57.27	− 0 43.3	2.020	2.959	7.6	19.5
3 22	9 51.13	− 0 7.6	2.077	2.959	10.8	19.7
212136 2005 EQ_{241}			2 20.9	304°.25	3°.8/17.8	18
1 12	10 37.92	+15 26.7	1.545	2.349	17.1	19.9
1 22	10 35.63	+16 31.7	1.458	2.340	13.6	19.6
2 1	10 30.38	+17 51.2	1.392	2.332	9.4	19.4
2 11	10 22.69	+19 17.3	1.350	2.324	5.2	19.1
2 21	10 13.49	+20 40.0	1.335	2.316	4.1	19.0
3 2	10 4.13	+21 49.0	1.347	2.308	7.9	19.2
3 12	9 56.01	+22 37.0	1.384	2.300	12.3	19.5
3 22	9 50.23	+23 1.2	1.442	2.293	16.4	19.7
472627 2015 DV_{197}			2 20.9	206°.31	4°.4/25.7	17
1 12	10 36.92	− 5 52.4	2.798	3.475	13.1	21.4
1 22	10 33.23	− 6 11.5	2.688	3.471	11.2	21.2
2 1	10 27.82	− 6 15.3	2.598	3.467	8.9	21.1
2 11	10 21.07	− 6 3.1	2.534	3.462	6.5	20.9
2 21	10 13.53	− 5 36.1	2.497	3.457	4.7	20.8
3 2	10 5.87	− 4 56.5	2.490	3.451	4.7	20.8
3 12	9 58.82	− 4 8.6	2.513	3.445	6.7	20.9
3 22	9 52.98	− 3 16.9	2.562	3.439	9.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
275153 2009 VZ_{94}			2 20.9	222°.38	0°.1/20.9	17
	h m	° ′			°	m
1 12	10 38.84	+ 7 49.2	2.359	3.110	13.5	22.0
1 22	10 35.13	+ 8 15.7	2.252	3.101	10.8	21.8
2 1	10 29.35	+ 8 55.0	2.168	3.092	7.6	21.6
2 11	10 21.92	+ 9 44.0	2.111	3.082	3.9	21.3
2 21	10 13.51	+10 38.4	2.083	3.072	0.1	21.0
3 2	10 4.95	+11 32.9	2.086	3.061	4.0	21.3
3 12	9 57.14	+12 22.2	2.118	3.050	7.8	21.5
3 22	9 50.82	+13 2.5	2.176	3.038	11.1	21.7
96991 1999 TW_{216}			2 20.9	171°.39	2°.5/23.4	18
1 12	10 38.17	+ 0 46.7	2.424	3.145	13.9	20.5
1 22	10 34.43	+ 0 49.4	2.325	3.148	11.4	20.3
2 1	10 28.75	+ 1 7.1	2.247	3.150	8.5	20.1
2 11	10 21.57	+ 1 38.8	2.195	3.152	5.3	19.9
2 21	10 13.52	+ 2 21.8	2.172	3.153	2.7	19.8
3 2	10 5.42	+ 3 11.8	2.179	3.154	3.8	19.8
3 12	9 58.07	+ 4 3.8	2.215	3.155	7.0	20.0
3 22	9 52.14	+ 4 53.1	2.278	3.155	10.1	20.2
371756 2007 FM_{34}			2 20.9	58°.65	6°.7/15.4	18
1 12	10 43.84	+27 3.3	1.859	2.656	14.9	20.6
1 22	10 39.76	+28 4.1	1.787	2.658	12.0	20.4
2 1	10 32.85	+29 5.3	1.737	2.661	9.1	20.2
2 11	10 23.75	+29 57.8	1.712	2.664	7.0	20.1
2 21	10 13.49	+30 33.5	1.715	2.667	7.2	20.1
3 2	10 3.34	+30 46.7	1.745	2.670	9.4	20.3
3 12	9 54.55	+30 35.4	1.799	2.673	12.4	20.4
3 22	9 48.04	+30 1.9	1.876	2.676	15.2	20.6
396630 2001 UF_{117}			2 20.9	120°.86	1°.2/19.9	18
1 12	10 45.21	+11 10.3	1.837	2.603	16.2	22.3
1 22	10 40.49	+11 47.7	1.763	2.623	12.8	22.1
2 1	10 33.15	+12 37.9	1.712	2.642	8.8	21.9
2 11	10 23.83	+13 35.2	1.687	2.660	4.4	21.6
2 21	10 13.49	+14 32.9	1.690	2.678	1.3	21.5
3 2	10 3.30	+15 24.2	1.723	2.694	5.3	21.8
3 12	9 54.38	+16 3.6	1.785	2.710	9.4	22.0
3 22	9 47.58	+16 28.7	1.871	2.725	13.0	22.3
175751 1998 RN_{26}			2 20.9	82°.65	0°.5/21.3	18
1 12	10 40.85	+ 4 25.7	1.806	2.559	16.9	20.5
1 22	10 36.96	+ 5 20.9	1.741	2.590	13.5	20.3
2 1	10 30.63	+ 6 35.2	1.698	2.620	9.4	20.2
2 11	10 22.51	+ 8 3.4	1.680	2.650	4.9	20.0
2 21	10 13.52	+ 9 37.8	1.691	2.680	0.5	19.7
3 2	10 4.71	+11 9.8	1.732	2.709	4.5	20.0
3 12	9 57.14	+12 31.8	1.802	2.737	8.7	20.4
3 22	9 51.53	+13 38.8	1.897	2.765	12.3	20.6
400241 2007 JX_{44}			2 20.9	251°.52	4°.6/24.2	17
1 12	10 40.08	− 2 5.1	1.722	2.453	18.4	22.2
1 22	10 37.07	− 2 22.5	1.615	2.439	15.6	21.9
2 1	10 31.29	− 2 18.2	1.525	2.425	12.0	21.7
2 11	10 23.17	− 1 51.0	1.459	2.410	8.1	21.4
2 21	10 13.52	− 1 2.5	1.418	2.394	4.9	21.2
3 2	10 3.50	+ 0 2.3	1.405	2.378	5.8	21.2
3 12	9 54.45	+ 1 15.4	1.419	2.362	9.7	21.4
3 22	9 47.44	+ 2 28.3	1.457	2.346	14.0	21.6
284686 2008 SU_{31}			2 20.9	244°.92	3°.8/23.4	18
1 12	10 40.79	+ 0 35.9	1.590	2.338	19.1	21.1
1 22	10 37.77	+ 0 19.0	1.492	2.330	15.9	20.9
2 1	10 31.83	+ 0 23.2	1.413	2.323	12.0	20.6
2 11	10 23.44	+ 0 48.5	1.356	2.314	7.6	20.3
2 21	10 13.52	+ 1 32.4	1.325	2.306	4.0	20.1
3 2	10 3.32	+ 2 29.2	1.321	2.297	5.6	20.2
3 12	9 54.26	+ 3 30.8	1.343	2.288	10.0	20.4
3 22	9 47.44	+ 4 29.3	1.390	2.279	14.5	20.6
61782 2000 QN_{177}			2 20.9	260°.69	1°.9/22.4	18
1 12	10 38.18	+ 3 48.5	1.948	2.699	15.9	20.1
1 22	10 35.02	+ 3 51.9	1.851	2.695	13.0	19.9
2 1	10 29.50	+ 4 11.8	1.774	2.691	9.4	19.6
2 11	10 22.08	+ 4 46.5	1.722	2.687	5.5	19.4
2 21	10 13.54	+ 5 32.2	1.697	2.683	2.0	19.1
3 2	10 4.88	+ 6 23.5	1.701	2.679	4.3	19.3
3 12	9 57.15	+ 7 14.1	1.733	2.675	8.4	19.5
3 22	9 51.20	+ 7 58.7	1.790	2.671	12.2	19.7
292376 2006 SF_{257}			2 20.9	158°.22	2°.3/18.4	18
1 12	10 39.41	+17 27.7	2.656	3.428	11.6	21.0
1 22	10 35.22	+17 56.9	2.567	3.431	9.1	20.8
2 1	10 29.18	+18 31.0	2.502	3.434	6.3	20.7
2 11	10 21.75	+19 5.7	2.466	3.437	3.4	20.5
2 21	10 13.55	+19 36.7	2.459	3.439	2.5	20.4
3 2	10 5.37	+19 59.9	2.482	3.442	4.9	20.6
3 12	9 57.97	+20 12.7	2.534	3.444	7.8	20.8
3 22	9 51.98	+20 13.8	2.612	3.446	10.4	20.9

406564 2007 YK_{65} 2 20.9 125°.70 0°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 43.80	+ 8 51.5	1.882	2.642	16.1	21.5
1 22	10 39.39	+ 8 57.1	1.799	2.653	12.9	21.3
2 1	10 32.43	+ 9 15.4	1.737	2.663	9.0	21.0
2 11	10 23.51	+ 9 43.0	1.701	2.673	4.6	20.8
2 21	10 13.53	+10 15.4	1.694	2.682	0.3	20.5
3 2	10 3.60	+10 47.0	1.715	2.692	4.6	20.8
3 12	9 54.84	+11 13.1	1.765	2.700	8.8	21.1
3 22	9 48.09	+11 30.3	1.840	2.709	12.6	21.3

187806 1999 RB_{51} 2 20.9 187°.60 0°.4/20.4 17

1 12	10 38.23	+ 8 53.7	2.869	3.614	11.4	21.7
1 22	10 34.19	+ 9 37.4	2.766	3.613	9.1	21.5
2 1	10 28.44	+10 31.8	2.688	3.612	6.3	21.3
2 11	10 21.38	+11 33.4	2.638	3.610	3.1	21.1
2 21	10 13.56	+12 38.1	2.618	3.607	0.5	20.9
3 2	10 5.66	+13 40.9	2.631	3.603	3.6	21.1
3 12	9 58.38	+14 37.4	2.674	3.599	6.7	21.3
3 22	9 52.32	+15 24.5	2.745	3.594	9.5	21.5

63698 2001 QK_{179} 2 20.9 72°.47 0°.8/20.1 18

1 12	10 41.66	+ 9 27.5	1.793	2.563	16.4	18.8
1 22	10 37.60	+10 12.3	1.733	2.594	12.9	18.6
2 1	10 31.06	+11 11.2	1.694	2.625	8.8	18.4
2 11	10 22.73	+12 18.3	1.682	2.656	4.3	18.2
2 21	10 13.54	+13 26.6	1.698	2.686	0.9	18.0
3 2	10 4.60	+14 28.9	1.744	2.717	5.0	18.4
3 12	9 56.95	+15 19.5	1.817	2.746	9.0	18.7
3 22	9 51.31	+15 55.3	1.915	2.776	12.5	19.0

83144 2001 QT_{263} 2 20.9 171°.32 5°.1/16.1 18

1 12	10 45.01	+24 46.8	2.316	3.095	12.9	20.1
1 22	10 40.05	+25 41.0	2.235	3.099	10.3	20.0
2 1	10 32.74	+26 36.8	2.178	3.102	7.5	19.8
2 11	10 23.62	+27 27.3	2.148	3.104	5.4	19.7
2 21	10 13.53	+28 5.8	2.148	3.106	5.4	19.7
3 2	10 3.48	+28 27.4	2.176	3.107	7.5	19.8
3 12	9 54.50	+28 30.0	2.233	3.108	10.2	20.0
3 22	9 47.35	+28 14.2	2.313	3.108	12.9	20.1

245996 2006 SH_{303} 2 20.9 231°.80 2°.9/24.0 17

1 12	10 35.29	− 1 13.9	2.579	3.292	13.3	21.2
1 22	10 32.11	− 1 7.9	2.471	3.286	11.1	21.0
2 1	10 27.14	− 0 46.1	2.384	3.280	8.4	20.8
2 11	10 20.77	− 0 9.3	2.323	3.274	5.4	20.6
2 21	10 13.57	+ 0 40.0	2.290	3.268	3.1	20.5
3 2	10 6.26	+ 1 38.0	2.287	3.261	3.8	20.5
3 12	9 59.60	+ 2 39.5	2.313	3.254	6.7	20.7
3 22	9 54.21	+ 3 39.5	2.367	3.247	9.7	20.9

348798 2006 QG_{30} 2 20.9 200°.60 0°.3/20.6 16

1 12	10 44.72	+10 40.1	2.250	3.001	14.0	21.4
1 22	10 39.85	+10 50.1	2.147	2.997	11.2	21.2
2 1	10 32.66	+11 9.9	2.067	2.992	7.8	21.0
2 11	10 23.64	+11 36.5	2.014	2.986	4.0	20.8
2 21	10 13.54	+12 5.5	1.991	2.980	0.4	20.5
3 2	10 3.33	+12 32.3	1.999	2.972	4.3	20.8
3 12	9 54.03	+12 53.0	2.036	2.964	8.3	21.0
3 22	9 46.44	+13 4.7	2.099	2.956	11.7	21.2

373396 1994 SH_{10} 2 20.9 101°.49 2°.3/18.9 18

1 12	10 40.21	+15 27.3	2.042	2.822	14.3	20.8
1 22	10 36.48	+15 58.7	1.956	2.825	11.3	20.6
2 1	10 30.38	+16 38.4	1.893	2.827	7.8	20.4
2 11	10 22.47	+17 21.2	1.856	2.830	4.1	20.2
2 21	10 13.56	+18 1.2	1.848	2.832	2.5	20.1
3 2	10 4.65	+18 32.9	1.869	2.834	5.6	20.3
3 12	9 56.77	+18 52.3	1.917	2.837	9.3	20.5
3 22	9 50.70	+18 57.6	1.990	2.839	12.6	20.7

284983 2010 GG_{127} 2 20.9 128°.64 3°.6/16.7 18

1 12	10 37.41	+20 0.9	2.533	3.317	11.8	20.6
1 22	10 33.82	+21 2.7	2.453	3.323	9.2	20.5
2 1	10 28.31	+22 9.4	2.397	3.329	6.5	20.3
2 11	10 21.34	+23 15.2	2.369	3.335	4.1	20.2
2 21	10 13.58	+24 14.1	2.371	3.341	3.9	20.2
3 2	10 5.81	+25 1.1	2.402	3.346	6.1	20.3
3 12	9 58.87	+25 32.9	2.461	3.352	8.8	20.5
3 22	9 53.37	+25 48.3	2.544	3.357	11.3	20.7

323451 2004 HN_{35} 2 20.9 294°.75 2°.1/19.2 17

1 12	10 37.74	+12 39.6	1.717	2.507	16.2	20.8
1 22	10 35.22	+13 22.0	1.618	2.492	12.9	20.6
2 1	10 29.98	+14 19.0	1.539	2.476	9.0	20.3
2 11	10 22.48	+15 25.2	1.486	2.461	4.6	20.0
2 21	10 13.56	+16 32.9	1.459	2.445	2.3	19.8
3 2	10 4.39	+17 33.9	1.461	2.430	6.3	20.0
3 12	9 56.25	+18 21.1	1.488	2.415	10.9	20.3
3 22	9 50.18	+18 50.4	1.539	2.400	15.0	20.5

468173 2014 WE_{499} 2 20.9 110°.70 6°.5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.63	− 7 38.8	2.011	2.697	17.4	20.9
1 22	10 36.81	− 8 24.2	1.922	2.707	15.0	20.7
2 1	10 30.64	− 8 49.0	1.852	2.716	12.1	20.5
2 11	10 22.63	− 8 51.3	1.804	2.726	9.1	20.4
2 21	10 13.56	− 8 31.2	1.783	2.735	6.9	20.3
3 2	10 4.44	− 7 51.7	1.789	2.744	6.8	20.3
3 12	9 56.31	− 6 58.5	1.822	2.753	8.9	20.4
3 22	9 49.97	− 5 58.7	1.881	2.762	11.7	20.6

136636 1994 VE_{4} 2 20.9 70°.73 4°.7/24.7 18

1 12	10 39.41	− 2 48.8	1.688	2.418	18.8	19.8
1 22	10 36.18	− 3 6.2	1.611	2.434	15.7	19.6
2 1	10 30.35	− 3 0.9	1.552	2.449	12.0	19.4
2 11	10 22.51	− 2 33.0	1.517	2.465	8.1	19.2
2 21	10 13.58	− 1 45.3	1.507	2.481	5.0	19.1
3 2	10 4.71	− 0 43.6	1.524	2.497	5.6	19.2
3 12	9 57.04	+ 0 24.2	1.569	2.513	9.0	19.4
3 22	9 51.43	+ 1 30.3	1.638	2.528	12.6	19.6

237603 2001 PY_{11} 2 20.9 106°.40 4°.3/16.6 18

1 12	10 43.99	+24 48.6	2.628	3.402	11.6	20.5
1 22	10 38.76	+25 28.3	2.561	3.422	9.2	20.3
2 1	10 31.54	+26 7.9	2.518	3.441	6.7	20.2
2 11	10 22.91	+26 42.1	2.503	3.460	4.7	20.1
2 21	10 13.58	+27 5.9	2.518	3.479	4.5	20.1
3 2	10 4.44	+27 15.9	2.563	3.497	6.4	20.3
3 12	9 56.29	+27 10.7	2.636	3.514	8.8	20.4
3 22	9 49.76	+26 51.0	2.734	3.532	11.0	20.6

57206 2001 QS_{56} 2 20.9 102°.52 1°.6/19.9 18

1 12	10 45.47	+12 50.6	1.507	2.292	18.3	19.8
1 22	10 41.40	+13 8.0	1.432	2.302	14.6	19.6
2 1	10 34.19	+13 37.9	1.377	2.312	10.0	19.4
2 11	10 24.54	+14 14.6	1.347	2.322	5.0	19.1
2 21	10 13.56	+14 51.2	1.344	2.331	1.7	18.9
3 2	10 2.70	+15 20.5	1.368	2.341	6.1	19.2
3 12	9 53.39	+15 37.5	1.419	2.350	10.9	19.5
3 22	9 46.60	+15 39.9	1.493	2.359	15.1	19.8

208670 2002 GW_{47} 2 20.9 261°.45 0°.0/20.8 16

1 12	10 40.42	+ 8 24.1	1.779	2.548	16.5	21.4
1 22	10 37.25	+ 8 44.3	1.673	2.533	13.4	21.1
2 1	10 31.36	+ 9 20.4	1.588	2.517	9.4	20.8
2 11	10 23.20	+10 9.3	1.527	2.500	4.9	20.5
2 21	10 13.58	+11 5.3	1.494	2.483	0.1	20.1
3 2	10 3.65	+12 1.4	1.490	2.466	5.1	20.5
3 12	9 54.71	+12 50.6	1.513	2.448	10.0	20.7
3 22	9 47.79	+13 27.7	1.559	2.431	14.3	20.9

268469 2005 WU_{207} 2 20.9 219°.18 1°.2/19.7 17

1 12	10 37.12	+10 48.9	2.074	2.847	14.4	20.7
1 22	10 34.05	+11 35.1	1.981	2.845	11.4	20.5
2 1	10 28.75	+12 34.5	1.911	2.844	7.8	20.2
2 11	10 21.69	+13 42.3	1.868	2.842	3.9	20.0
2 21	10 13.60	+14 52.2	1.853	2.840	1.4	19.8
3 2	10 5.43	+15 57.4	1.867	2.838	5.0	20.0
3 12	9 58.17	+16 52.1	1.910	2.836	8.9	20.3
3 22	9 52.58	+17 32.5	1.978	2.834	12.3	20.5

286486 2002 AR_{192} 2 20.9 67°.72 2°.2/22.3 18

1 12	10 42.48	+ 4 58.7	1.485	2.252	19.3	20.6
1 22	10 39.07	+ 4 42.7	1.405	2.260	15.7	20.4
2 1	10 32.63	+ 4 44.8	1.345	2.267	11.4	20.1
2 11	10 23.78	+ 5 3.2	1.308	2.275	6.5	19.9
2 21	10 13.58	+ 5 33.8	1.296	2.283	2.3	19.6
3 2	10 3.39	+ 6 10.6	1.312	2.290	5.2	19.8
3 12	9 54.61	+ 6 46.5	1.354	2.298	10.0	20.1
3 22	9 48.26	+ 7 16.0	1.419	2.306	14.4	20.4

465382 2008 ED_{163} 2 20.9 308°.89 4°.9/17.8 16

1 12	10 45.00	+21 49.0	1.645	2.442	16.5	21.6
1 22	10 41.15	+22 16.1	1.555	2.431	13.2	21.4
2 1	10 34.15	+22 47.4	1.487	2.421	9.5	21.1
2 11	10 24.61	+23 15.4	1.443	2.411	5.9	20.9
2 21	10 13.57	+23 32.0	1.426	2.401	5.2	20.8
3 2	10 2.47	+23 31.2	1.437	2.391	8.2	21.0
3 12	9 52.77	+23 10.1	1.473	2.382	12.3	21.2
3 22	9 45.55	+22 29.7	1.531	2.373	16.1	21.4

142208 2002 RT_{62} 2 20.9 54°.03 0°.4/21.2 18

1 12	10 38.95	+ 6 6.9	1.485	2.264	18.9	19.5
1 22	10 36.06	+ 6 39.7	1.422	2.286	15.0	19.3
2 1	10 30.35	+ 7 32.3	1.379	2.309	10.5	19.1
2 11	10 22.51	+ 8 39.9	1.360	2.332	5.4	18.8
2 21	10 13.60	+ 9 54.5	1.367	2.355	0.4	18.5
3 2	10 4.90	+11 7.4	1.401	2.379	5.1	18.9
3 12	9 57.62	+12 10.5	1.462	2.403	9.8	19.3
3 22	9 52.60	+12 58.8	1.546	2.426	13.9	19.6

183275 2002 TE_{260} 2 20.9 129°.84 1°.8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.87	+ 2 39.6	2.203	2.933	14.9	22.1
1 22	10 36.67	+ 2 57.5	2.117	2.949	12.1	21.9
2 1	10 30.34	+ 3 31.3	2.054	2.965	8.7	21.7
2 11	10 22.41	+ 4 18.8	2.016	2.979	5.0	21.5
2 21	10 13.61	+ 5 15.8	2.008	2.993	1.9	21.3
3 2	10 4.84	+ 6 16.9	2.030	3.007	3.9	21.5
3 12	9 57.02	+ 7 16.3	2.081	3.019	7.5	21.7
3 22	9 50.83	+ 8 9.0	2.159	3.031	10.8	22.0

353483 2011 SS_{51} 2 20.9 243°.74 1°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.64	+ 7 15.6	1.666	2.430	17.7	21.1
1 22	10 39.93	+ 7 7.2	1.567	2.421	14.4	20.8
2 1	10 33.27	+ 7 13.7	1.488	2.412	10.3	20.5
2 11	10 24.19	+ 7 33.0	1.433	2.403	5.6	20.2
2 21	10 13.59	+ 8 0.9	1.405	2.393	1.2	19.9
3 2	10 2.76	+ 8 31.9	1.405	2.383	5.1	20.1
3 12	9 53.08	+ 8 59.9	1.432	2.373	10.0	20.4
3 22	9 45.65	+ 9 20.2	1.484	2.362	14.4	20.6

21499 Perillat 2 20.9 120°.69 4°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.65	+19 2.4	1.801	2.593	15.5	18.4
1 22	10 38.75	+20 10.2	1.729	2.604	12.2	18.2
2 1	10 32.14	+21 25.8	1.680	2.614	8.5	18.0
2 11	10 23.44	+22 41.0	1.657	2.625	5.3	17.8
2 21	10 13.61	+23 46.8	1.661	2.635	4.8	17.8
3 2	10 3.85	+24 36.1	1.695	2.644	7.7	18.0
3 12	9 55.39	+25 4.5	1.754	2.654	11.2	18.2
3 22	9 49.08	+25 11.7	1.836	2.662	14.5	18.5

290745 2005 UV_{472} 2 20.9 253°.25 2°.0/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.26	+ 3 15.6	2.299	3.031	14.3	21.7
1 22	10 36.45	+ 3 16.5	2.178	3.010	11.8	21.5
2 1	10 30.44	+ 3 32.0	2.079	2.989	8.7	21.3
2 11	10 22.61	+ 4 0.8	2.005	2.967	5.1	21.0
2 21	10 13.62	+ 4 40.3	1.960	2.945	2.1	20.8
3 2	10 4.33	+ 5 26.3	1.945	2.921	4.0	20.8
3 12	9 55.72	+ 6 13.3	1.959	2.898	7.8	21.0
3 22	9 48.62	+ 6 56.7	2.000	2.873	11.5	21.2

73212 2002 JB_{22} 2 20.9 268°.23 2°.4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.57	+12 53.3	1.737	2.523	16.2	19.8
1 22	10 36.74	+13 45.5	1.633	2.505	12.9	19.5
2 1	10 31.11	+14 53.2	1.551	2.487	9.0	19.2
2 11	10 23.12	+16 10.6	1.494	2.469	4.6	18.9
2 21	10 13.62	+17 29.6	1.465	2.450	2.6	18.8
3 2	10 3.78	+18 40.8	1.463	2.430	6.6	19.0
3 12	9 54.95	+19 36.7	1.489	2.411	11.2	19.2
3 22	9 48.20	+20 13.1	1.537	2.391	15.4	19.4

115391 2003 SG_{280} 2 20.9 181°.13 2°.0/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.80	+13 38.7	2.207	2.973	13.8	21.0
1 22	10 38.39	+14 24.6	2.114	2.974	10.9	20.8
2 1	10 31.68	+15 20.8	2.044	2.975	7.5	20.6
2 11	10 23.17	+16 21.9	2.002	2.975	3.9	20.3
2 21	10 13.62	+17 21.8	1.990	2.974	2.1	20.2
3 2	10 4.01	+18 14.2	2.008	2.973	5.3	20.4
3 12	9 55.33	+18 54.4	2.055	2.970	9.0	20.6
3 22	9 48.38	+19 20.0	2.127	2.967	12.2	20.8

372623 2009 VM_{48} 2 20.9 59°.02 0°.7/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.26	+ 6 4.2	1.895	2.658	15.9	21.9
1 22	10 34.28	+ 6 27.2	1.810	2.664	12.8	21.7
2 1	10 28.95	+ 7 6.5	1.746	2.671	9.0	21.4
2 11	10 21.81	+ 7 58.7	1.707	2.678	4.8	21.2
2 21	10 13.64	+ 8 58.6	1.696	2.685	0.7	20.9
3 2	10 5.46	+ 9 59.5	1.714	2.692	4.3	21.2
3 12	9 58.30	+10 55.1	1.759	2.699	8.5	21.5
3 22	9 52.95	+11 40.5	1.830	2.706	12.2	21.7

326990 2004 PB_{79} 2 20.9 225°.45 2°.5/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.55	+ 1 22.4	2.399	3.120	14.0	21.7
1 22	10 35.69	+ 1 20.1	2.286	3.110	11.6	21.5
2 1	10 29.77	+ 1 32.5	2.196	3.099	8.6	21.3
2 11	10 22.21	+ 1 58.7	2.131	3.088	5.3	21.0
2 21	10 13.64	+ 2 36.4	2.095	3.076	2.7	20.8
3 2	10 4.90	+ 3 21.7	2.089	3.064	4.0	20.9
3 12	9 56.86	+ 4 9.5	2.112	3.051	7.3	21.1
3 22	9 50.27	+ 4 55.0	2.162	3.038	10.6	21.3

165520 2001 CX_{18} 2 20.9 354°.32 0°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.45	+ 9 43.0	1.353	2.149	19.5	19.3
1 22	10 37.12	+ 9 37.7	1.271	2.145	15.7	19.0
2 1	10 31.56	+ 9 47.9	1.207	2.143	11.0	18.8
2 11	10 23.37	+10 10.3	1.166	2.140	5.7	18.4
2 21	10 13.63	+10 39.1	1.150	2.139	0.1	18.0
3 2	10 3.80	+11 7.4	1.160	2.139	5.8	18.4
3 12	9 55.44	+11 28.6	1.195	2.139	11.1	18.7
3 22	9 49.65	+11 38.4	1.252	2.140	15.9	19.0

200124 1997 GR_2 2 20.9 253°.77 2°.4/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.12	+16 14.1	2.321	3.093	13.0	21.2
1 22	10 37.09	+16 44.2	2.213	3.077	10.3	21.0
2 1	10 30.82	+17 21.6	2.129	3.061	7.2	20.8
2 11	10 22.77	+18 1.8	2.073	3.045	3.9	20.6
2 21	10 13.64	+18 39.3	2.045	3.028	2.5	20.4
3 2	10 4.33	+19 9.1	2.048	3.011	5.4	20.6
3 12	9 55.83	+19 27.1	2.079	2.993	8.9	20.8
3 22	9 48.95	+19 31.7	2.135	2.975	12.2	20.9

233091 2005 RF_{28} 2 20.9 176°.30 0°.9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.92	+ 6 57.0	1.912	2.660	16.3	21.6
1 22	10 41.18	+ 7 2.4	1.818	2.663	13.2	21.4
2 1	10 33.80	+ 7 22.2	1.745	2.666	9.4	21.2
2 11	10 24.32	+ 7 53.5	1.698	2.667	5.0	20.9
2 21	10 13.62	+ 8 31.9	1.680	2.668	0.9	20.6
3 2	10 2.84	+ 9 11.8	1.691	2.668	4.6	20.9
3 12	9 53.17	+ 9 47.7	1.731	2.666	9.0	21.1
3 22	9 45.52	+10 15.4	1.797	2.664	12.9	21.4

265856 2005 YM_{148} 2 20.9 169°.35 0°.0/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.64	+ 9 36.7	2.048	2.811	14.9	20.8
1 22	10 36.81	+ 9 44.6	1.956	2.812	11.9	20.6
2 1	10 30.64	+10 3.9	1.885	2.813	8.3	20.4
2 11	10 22.66	+10 31.4	1.841	2.813	4.2	20.2
2 21	10 13.65	+11 2.9	1.825	2.814	0.1	19.8
3 2	10 4.59	+11 33.3	1.838	2.814	4.4	20.2
3 12	9 56.50	+11 58.1	1.880	2.814	8.4	20.4
3 22	9 50.19	+12 14.2	1.947	2.814	12.0	20.6

166011 2002 AS_{119} 2 20.9 331°.81 0°.8/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.34	+11 10.7	1.240	2.050	20.1	19.7
1 22	10 35.92	+11 14.4	1.151	2.035	16.2	19.4
2 1	10 31.06	+11 34.4	1.081	2.022	11.4	19.1
2 11	10 23.28	+12 6.7	1.033	2.009	5.8	18.7
2 21	10 13.63	+12 44.2	1.009	1.997	0.9	18.4
3 2	10 3.71	+13 18.5	1.009	1.986	6.6	18.7
3 12	9 55.25	+13 41.8	1.032	1.977	12.4	19.0
3 22	9 49.56	+13 49.6	1.077	1.968	17.6	19.3

350112 2011 QM_8 2 20.9 167°.92 0°.2/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.10	+ 5 4.5	2.972	3.706	11.3	21.2
1 22	10 31.68	+ 6 7.3	2.871	3.710	9.0	21.0
2 1	10 26.70	+ 7 23.3	2.794	3.713	6.3	20.9
2 11	10 20.53	+ 8 49.4	2.746	3.716	3.3	20.7
2 21	10 13.68	+10 20.9	2.729	3.718	0.2	20.4
3 2	10 6.76	+11 52.2	2.745	3.720	3.2	20.7
3 12	10 0.41	+13 18.0	2.792	3.721	6.3	20.9
3 22	9 55.18	+14 34.3	2.868	3.723	9.0	21.0

228357 2000 TC_{22} 2 20.9 180°.72 0°.5/20.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.61	+ 9 34.7	2.550	3.301	12.6	21.9
1 22	10 35.51	+10 7.8	2.452	3.302	10.0	21.7
2 1	10 29.49	+10 51.6	2.377	3.303	6.9	21.5
2 11	10 22.00	+11 42.8	2.331	3.303	3.5	21.3
2 21	10 13.67	+12 36.7	2.314	3.302	0.5	21.0
3 2	10 5.27	+13 28.5	2.328	3.301	3.9	21.3
3 12	9 57.61	+14 13.5	2.372	3.300	7.3	21.5
3 22	9 51.36	+14 48.9	2.443	3.297	10.4	21.7

27135 1998 XB_{12} 2 20.9 133°.44 12°.6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.42	−23 40.5	1.989	2.559	20.5	18.1
1 22	10 40.18	−25 12.7	1.907	2.573	18.8	18.0
2 1	10 33.23	−26 17.6	1.838	2.586	16.9	17.9
2 11	10 24.09	−26 49.1	1.787	2.599	15.0	17.8
2 21	10 13.64	−26 43.2	1.757	2.611	13.4	17.7
3 2	10 3.03	−25 59.8	1.750	2.622	12.6	17.7
3 12	9 53.53	−24 44.4	1.766	2.633	13.0	17.7
3 22	9 46.09	−23 6.1	1.805	2.642	14.2	17.8

8290 1992 NP 2 20.9 154°.23 3°.3/23.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.53	− 0 12.1	2.362	3.070	14.6	18.1
1 22	10 37.90	− 0 32.5	2.266	3.078	12.1	17.9
2 1	10 31.19	− 0 38.2	2.191	3.086	9.1	17.8
2 11	10 22.88	− 0 29.7	2.143	3.092	6.0	17.6
2 21	10 13.66	− 0 8.8	2.123	3.099	3.5	17.4
3 2	10 4.40	+ 0 21.4	2.133	3.104	4.3	17.5
3 12	9 56.00	+ 0 56.3	2.173	3.110	7.3	17.7
3 22	9 49.15	+ 1 31.4	2.239	3.114	10.4	17.9

83063 2001 QF_{212} 2 20.9 6°.18 1°.8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.61	+ 2 9.7	2.191	2.934	14.6	19.3
1 22	10 31.91	+ 2 31.2	2.095	2.934	11.9	19.1
2 1	10 27.18	+ 3 9.8	2.020	2.934	8.7	18.9
2 11	10 20.89	+ 4 3.5	1.971	2.934	5.1	18.6
2 21	10 13.68	+ 5 8.1	1.950	2.935	1.9	18.4
3 2	10 6.41	+ 6 18.1	1.958	2.936	3.8	18.6
3 12	9 59.93	+ 7 27.0	1.994	2.937	7.5	18.8
3 22	9 54.95	+ 8 29.3	2.057	2.938	10.9	19.0

116795 2004 ER_{47} 2 20.9 271°.52 0°.4/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.47	+ 9 43.4	2.463	3.224	12.7	20.8
1 22	10 33.25	+10 11.7	2.352	3.207	10.1	20.5
2 1	10 28.08	+10 51.3	2.263	3.191	7.1	20.3
2 11	10 21.36	+11 39.1	2.201	3.174	3.6	20.1
2 21	10 13.68	+12 30.6	2.169	3.158	0.5	19.8
3 2	10 5.83	+13 20.9	2.167	3.141	4.0	20.0
3 12	9 58.65	+14 5.0	2.193	3.123	7.7	20.2
3 22	9 52.85	+14 39.6	2.246	3.106	10.9	20.4

240523 2004 FG_{104} 2 20.9 141°.19 0°.5/20.4 17

1 12	10 37.59	+10 16.7	2.482	3.242	12.6	21.8
1 22	10 33.94	+10 40.3	2.390	3.246	10.0	21.6
2 1	10 28.41	+11 13.7	2.322	3.249	6.9	21.4
2 11	10 21.44	+11 53.6	2.280	3.253	3.5	21.2
2 21	10 13.68	+12 35.8	2.268	3.256	0.5	20.9
3 2	10 5.90	+13 15.9	2.286	3.260	3.9	21.2
3 12	9 58.89	+13 49.6	2.333	3.263	7.3	21.4
3 22	9 53.29	+14 14.4	2.406	3.266	10.3	21.6

112658 2002 PQ_{86} 2 20.9 189°.45 1°.3/19.7 18

1 12	10 42.30	+12 13.7	2.180	2.943	14.1	20.8
1 22	10 38.03	+12 47.3	2.084	2.943	11.2	20.6
2 1	10 31.46	+13 31.6	2.011	2.941	7.7	20.4
2 11	10 23.09	+14 22.0	1.966	2.939	3.9	20.2
2 21	10 13.67	+15 13.1	1.949	2.936	1.4	20.0
3 2	10 4.16	+15 59.0	1.963	2.933	4.9	20.2
3 12	9 55.58	+16 34.9	2.006	2.928	8.7	20.4
3 22	9 48.72	+16 58.0	2.074	2.924	12.1	20.6

210104 2006 QP_{123} 2 20.9 199°.96 0°.3/20.5 18

1 12	10 36.73	+ 9 23.2	3.272	4.014	10.2	21.6
1 22	10 32.82	+ 9 54.5	3.164	4.010	8.1	21.5
2 1	10 27.42	+10 34.4	3.081	4.004	5.6	21.3
2 11	10 20.89	+11 20.2	3.027	3.998	2.8	21.1
2 21	10 13.70	+12 8.4	3.003	3.992	0.3	20.9
3 2	10 6.44	+12 55.5	3.012	3.985	3.1	21.1
3 12	9 59.70	+13 38.0	3.051	3.977	5.9	21.3
3 22	9 53.99	+14 13.3	3.118	3.969	8.4	21.4

456731 Uligrözinger 2 20.9 75°.87 0°.6/21.3 18

1 12	10 45.35	+ 7 27.7	1.590	2.355	18.4	21.5
1 22	10 40.84	+ 7 35.6	1.528	2.384	14.6	21.3
2 1	10 33.50	+ 7 59.4	1.486	2.412	10.2	21.1
2 11	10 24.08	+ 8 35.1	1.469	2.440	5.3	20.9
2 21	10 13.66	+ 9 16.9	1.479	2.467	0.7	20.6
3 2	10 3.54	+ 9 58.2	1.517	2.494	4.9	21.0
3 12	9 54.93	+10 33.0	1.583	2.521	9.4	21.3
3 22	9 48.64	+10 57.6	1.673	2.547	13.3	21.6

522797 2016 NG_{79} 2 20.9 227°.19 1°.6/22.7 17

1 12	10 35.83	+ 3 14.7	2.836	3.563	11.9	21.8
1 22	10 32.37	+ 3 24.3	2.726	3.556	9.7	21.7
2 1	10 27.25	+ 3 46.1	2.639	3.549	7.1	21.5
2 11	10 20.85	+ 4 18.4	2.579	3.541	4.2	21.3
2 21	10 13.70	+ 4 58.7	2.548	3.533	1.7	21.1
3 2	10 6.45	+ 5 43.4	2.548	3.525	3.2	21.2
3 12	9 59.78	+ 6 28.3	2.578	3.516	6.2	21.4
3 22	9 54.28	+ 7 9.7	2.635	3.508	9.1	21.5

290514 2005 UG_{37} 2 20.9 190°.59 2°.3/18.9 18

1 12	10 41.56	+15 22.9	2.178	2.952	13.8	21.4
1 22	10 37.46	+15 57.7	2.086	2.951	10.9	21.2
2 1	10 31.06	+16 40.6	2.017	2.950	7.5	21.0
2 11	10 22.88	+17 26.8	1.975	2.948	3.9	20.8
2 21	10 13.68	+18 10.4	1.962	2.946	2.4	20.7
3 2	10 4.43	+18 45.9	1.979	2.944	5.4	20.9
3 12	9 56.13	+19 9.3	2.025	2.941	9.0	21.1
3 22	9 49.57	+19 18.8	2.095	2.938	12.3	21.3

415773 2000 UQ_{33} 2 20.9 111°.15 6°.1/14.6 18

1 12	10 45.36	+28 22.9	2.362	3.141	12.6	21.9
1 22	10 40.20	+29 37.4	2.305	3.165	10.2	21.8
2 1	10 32.75	+30 50.2	2.272	3.187	7.8	21.7
2 11	10 23.62	+31 53.8	2.268	3.209	6.2	21.6
2 21	10 13.67	+32 41.3	2.292	3.231	6.5	21.6
3 2	10 3.92	+33 8.6	2.344	3.252	8.3	21.8
3 12	9 55.33	+33 14.2	2.424	3.272	10.5	22.0
3 22	9 48.61	+32 59.9	2.526	3.291	12.7	22.2

172586 2003 UR_{274} 2 20.9 65°.90 3°.7/23.6 18

1 12	10 39.75	+ 0 19.4	1.579	2.328	19.1	20.1
1 22	10 36.71	+ 0 6.8	1.500	2.339	15.8	19.9
2 1	10 30.89	+ 0 15.8	1.440	2.350	11.8	19.7
2 11	10 22.89	+ 0 45.8	1.403	2.361	7.4	19.4
2 21	10 13.68	+ 1 33.1	1.391	2.372	3.9	19.3
3 2	10 4.49	+ 2 31.4	1.406	2.383	5.3	19.4
3 12	9 56.57	+ 3 32.5	1.448	2.394	9.4	19.6
3 22	9 50.83	+ 4 29.2	1.515	2.406	13.4	19.9

109821 2001 RN_{109} 2 20.9 139°.49 0°.0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.21	+ 8 34.1	1.925	2.689	15.6	20.9
1 22	10 36.62	+ 8 54.0	1.836	2.693	12.5	20.7
2 1	10 30.60	+ 9 27.7	1.770	2.697	8.7	20.5
2 11	10 22.68	+10 11.7	1.729	2.701	4.5	20.2
2 21	10 13.69	+11 0.6	1.716	2.705	0.1	19.9
3 2	10 4.66	+11 48.4	1.732	2.708	4.6	20.3
3 12	9 56.68	+12 29.4	1.776	2.711	8.8	20.5
3 22	9 50.56	+12 59.8	1.845	2.714	12.5	20.7

378753 2008 RV_{101} 2 20.9 125°.25 0°.3/21.2 17

1 12	10 38.40	+ 7 27.4	2.212	2.967	14.1	21.9
1 22	10 34.82	+ 7 47.5	2.123	2.974	11.3	21.7
2 1	10 29.15	+ 8 20.4	2.055	2.979	7.9	21.5
2 11	10 21.87	+ 9 3.0	2.015	2.985	4.1	21.3
2 21	10 13.71	+ 9 51.0	2.002	2.991	0.4	21.0
3 2	10 5.52	+10 39.1	2.020	2.996	3.9	21.3
3 12	9 58.22	+11 22.3	2.066	3.002	7.7	21.5
3 22	9 52.49	+11 56.8	2.138	3.007	11.1	21.7

290729 2005 US_{444} 2 20.9 116°.14 5°.0/17.3 18

1 12	10 48.00	+20 29.4	1.665	2.454	16.7	20.9
1 22	10 43.13	+21 30.7	1.600	2.472	13.2	20.8
2 1	10 35.23	+22 38.0	1.558	2.490	9.3	20.6
2 11	10 25.04	+23 42.2	1.541	2.507	5.9	20.4
2 21	10 13.68	+24 34.3	1.552	2.523	5.3	20.4
3 2	10 2.56	+25 7.3	1.591	2.539	8.2	20.6
3 12	9 53.01	+25 18.0	1.656	2.554	11.9	20.9
3 22	9 45.94	+25 7.4	1.744	2.568	15.2	21.1

345632 2006 SM_{313} 2 20.9 203°.38 2°.0/23.3 17

1 12	10 35.13	+ 0 48.9	2.720	3.440	12.6	21.3
1 22	10 31.89	+ 1 7.7	2.614	3.437	10.3	21.1
2 1	10 26.96	+ 1 41.1	2.530	3.434	7.6	20.9
2 11	10 20.72	+ 2 27.5	2.473	3.431	4.6	20.7
2 21	10 13.73	+ 3 24.1	2.445	3.427	2.2	20.6
3 2	10 6.65	+ 4 26.6	2.447	3.424	3.3	20.6
3 12	10 0.18	+ 5 29.9	2.480	3.420	6.3	20.8
3 22	9 54.93	+ 6 29.5	2.539	3.416	9.2	21.0

305596 2008 YQ_{108} 2 20.9 358°.85 0°.6/20.5 18

1 12	10 38.23	+10 13.7	1.278	2.082	20.0	20.7
1 22	10 36.33	+10 23.8	1.200	2.080	16.0	20.5
2 1	10 31.12	+10 51.3	1.140	2.078	11.2	20.2
2 11	10 23.21	+11 31.6	1.102	2.078	5.7	19.9
2 21	10 13.70	+12 17.3	1.089	2.078	0.7	19.5
3 2	10 4.13	+12 59.9	1.101	2.078	6.2	19.9
3 12	9 56.08	+13 31.8	1.137	2.080	11.7	20.2
3 22	9 50.70	+13 48.5	1.195	2.083	16.5	20.5

269280 2008 RW_{115} 2 20.9 232°.65 0°.3/21.2 18

1 12	10 39.29	+ 8 11.6	2.141	2.899	14.4	21.2
1 22	10 35.70	+ 8 23.1	2.042	2.895	11.6	21.0
2 1	10 29.89	+ 8 47.0	1.965	2.890	8.2	20.7
2 11	10 22.32	+ 9 20.4	1.914	2.885	4.3	20.5
2 21	10 13.72	+ 9 59.3	1.892	2.881	0.3	20.2
3 2	10 5.01	+10 38.5	1.899	2.876	4.1	20.5
3 12	9 57.18	+11 13.2	1.935	2.871	8.1	20.7
3 22	9 51.01	+11 39.6	1.996	2.865	11.7	20.9

431471 2007 RL_{319} 2 20.9 150°.75 1°.8/23.0 17

1 12	10 36.15	+ 1 23.2	2.615	3.338	12.9	22.0
1 22	10 32.71	+ 1 45.4	2.518	3.344	10.6	21.8
2 1	10 27.52	+ 2 22.4	2.443	3.350	7.7	21.6
2 11	10 21.00	+ 3 12.3	2.395	3.355	4.6	21.4
2 21	10 13.73	+ 4 11.8	2.376	3.360	2.0	21.2
3 2	10 6.42	+ 5 16.2	2.388	3.365	3.4	21.4
3 12	9 59.80	+ 6 20.3	2.429	3.369	6.5	21.6
3 22	9 54.47	+ 7 19.6	2.498	3.373	9.4	21.8

53691 2000 DM_{83} 2 20.9 262°.19 2°.2/19.3 18

1 12	10 41.00	+12 3.2	1.634	2.419	17.1	19.2
1 22	10 38.12	+12 51.0	1.530	2.401	13.7	18.9
2 1	10 32.24	+13 55.8	1.446	2.382	9.5	18.6
2 11	10 23.81	+15 12.0	1.388	2.363	4.9	18.3
2 21	10 13.70	+16 31.2	1.357	2.343	2.4	18.1
3 2	10 3.19	+17 43.6	1.353	2.322	6.7	18.3
3 12	9 53.75	+18 40.8	1.376	2.302	11.7	18.5
3 22	9 46.56	+19 18.2	1.422	2.280	16.1	18.7

68972 2002 RJ_{106} 2 20.9 144°.52 1°.8/22.7 18

1 12	10 40.42	+ 2 8.9	2.305	3.031	14.4	20.2
1 22	10 36.27	+ 2 29.0	2.215	3.044	11.7	20.1
2 1	10 30.09	+ 3 5.1	2.146	3.055	8.5	19.9
2 11	10 22.34	+ 3 55.0	2.104	3.066	5.0	19.7
2 21	10 13.72	+ 4 54.6	2.091	3.076	1.9	19.5
3 2	10 5.10	+ 5 58.8	2.109	3.086	3.7	19.6
3 12	9 57.35	+ 7 1.6	2.156	3.094	7.3	19.9
3 22	9 51.14	+ 7 58.2	2.230	3.102	10.5	20.1

65247 2002 *FR* 2 20.9 41°.19 3°.3/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.63	+ 0 22.9	1.915	2.653	16.6	19.6
1 22	10 34.60	+ 0 14.2	1.824	2.656	13.7	19.4
2 1	10 29.23	+ 0 23.9	1.753	2.659	10.3	19.2
2 11	10 22.01	+ 0 51.2	1.706	2.663	6.5	19.0
2 21	10 13.73	+ 1 33.3	1.686	2.666	3.5	18.8
3 2	10 5.38	+ 2 25.1	1.694	2.670	4.6	18.9
3 12	9 58.00	+ 3 20.2	1.729	2.673	8.3	19.1
3 22	9 52.41	+ 4 12.4	1.790	2.677	11.9	19.3

393623 2004 FQ_1 2 20.9 238°.59 0°.4/20.7 18

1 12	10 45.64	+10 32.9	1.668	2.438	17.4	21.2
1 22	10 41.62	+10 38.0	1.566	2.427	14.1	20.9
2 1	10 34.55	+10 56.4	1.485	2.415	9.9	20.6
2 11	10 24.93	+11 24.3	1.429	2.402	5.1	20.3
2 21	10 13.70	+11 56.5	1.400	2.389	0.4	19.9
3 2	10 2.19	+12 26.4	1.400	2.375	5.5	20.3
3 12	9 51.85	+12 48.3	1.426	2.361	10.6	20.5
3 22	9 43.84	+12 58.6	1.477	2.346	15.1	20.7

22553 Yisun 2 20.9 206°.09 3°.3/23.6 18

1 12	10 40.51	+ 0 3.6	1.957	2.686	16.6	19.7
1 22	10 36.92	− 0 2.4	1.856	2.683	13.8	19.5
2 1	10 30.90	+ 0 10.2	1.775	2.678	10.3	19.2
2 11	10 22.91	+ 0 40.9	1.718	2.674	6.6	19.0
2 21	10 13.72	+ 1 26.9	1.689	2.669	3.5	18.8
3 2	10 4.36	+ 2 23.3	1.688	2.663	4.7	18.9
3 12	9 55.92	+ 3 23.4	1.715	2.657	8.5	19.1
3 22	9 49.30	+ 4 20.8	1.769	2.651	12.3	19.3

379774 2011 HE_{31} 2 20.9 5°.02 3°.8/24.3 18

1 12	10 34.76	− 1 46.4	1.812	2.551	17.4	20.2
1 22	10 32.51	− 1 46.1	1.720	2.550	14.5	20.0
2 1	10 27.88	− 1 23.9	1.647	2.551	11.0	19.8
2 11	10 21.36	− 0 40.2	1.598	2.552	7.2	19.6
2 21	10 13.73	+ 0 21.6	1.574	2.553	4.1	19.4
3 2	10 6.01	+ 1 35.6	1.579	2.554	4.9	19.4
3 12	9 59.26	+ 2 53.8	1.610	2.556	8.5	19.7
3 22	9 54.32	+ 4 8.5	1.666	2.559	12.3	19.9

285919 2001 QU_{183} 2 20.9 118°.87 2°.1/22.7 18

1 12	10 40.09	+ 2 54.7	1.965	2.707	16.1	20.9
1 22	10 36.42	+ 2 57.3	1.878	2.716	13.1	20.7
2 1	10 30.40	+ 3 16.7	1.812	2.725	9.5	20.5
2 11	10 22.57	+ 3 51.1	1.771	2.734	5.6	20.3
2 21	10 13.72	+ 4 36.5	1.757	2.742	2.3	20.1
3 2	10 4.87	+ 5 27.7	1.773	2.750	4.2	20.2
3 12	9 57.03	+ 6 18.6	1.816	2.758	8.1	20.5
3 22	9 50.99	+ 7 3.8	1.886	2.765	11.8	20.7

431898 2008 SO_{302} 2 20.9 163°.46 11°.4/ 2.2 17

1 12	10 39.30	−19 41.4	1.391	2.046	25.1	21.8
1 22	10 37.15	−20 5.1	1.304	2.050	22.6	21.6
2 1	10 31.73	−19 47.4	1.229	2.054	19.5	21.4
2 11	10 23.58	−18 40.8	1.170	2.057	16.0	21.2
2 21	10 13.71	−16 42.9	1.132	2.059	12.9	21.0
3 2	10 3.63	−13 59.1	1.118	2.061	11.4	20.9
3 12	9 54.94	−10 44.5	1.129	2.062	12.8	21.0
3 22	9 48.87	− 7 19.3	1.165	2.063	16.0	21.2

134662 1999 VQ_{128} 2 20.9 241°.28 0°.4/21.2 16

1 12	10 40.93	+ 7 24.4	1.953	2.711	15.6	21.5
1 22	10 37.37	+ 7 42.2	1.846	2.699	12.7	21.2
2 1	10 31.30	+ 8 15.2	1.761	2.686	9.0	21.0
2 11	10 23.16	+ 9 0.5	1.701	2.672	4.7	20.7
2 21	10 13.72	+ 9 53.1	1.669	2.658	0.4	20.3
3 2	10 4.04	+10 47.0	1.666	2.643	4.6	20.6
3 12	9 55.25	+11 35.6	1.692	2.628	9.1	20.8
3 22	9 48.31	+12 14.4	1.743	2.612	13.1	21.1

43776 1989 GP_2 2 20.9 289°.82 4°.3/25.2 18

1 12	10 35.37	− 4 9.2	2.286	2.992	15.0	19.0
1 22	10 32.50	− 4 19.6	2.180	2.986	12.7	18.8
2 1	10 27.62	− 4 11.7	2.095	2.980	9.9	18.6
2 11	10 21.16	− 3 45.1	2.034	2.974	6.9	18.4
2 21	10 13.75	− 3 1.6	1.999	2.968	4.6	18.3
3 2	10 6.20	− 2 4.8	1.993	2.962	4.9	18.3
3 12	9 59.38	− 1 0.4	2.016	2.957	7.5	18.4
3 22	9 54.01	+ 0 5.3	2.064	2.951	10.6	18.6

345634 2006 SD_{322} 2 20.9 162°.60 3°.6/17.1 18

1 12	10 39.59	+21 21.8	2.630	3.409	11.5	21.5
1 22	10 35.49	+22 5.0	2.545	3.411	9.1	21.3
2 1	10 29.47	+22 51.2	2.484	3.413	6.4	21.1
2 11	10 22.00	+23 35.5	2.451	3.416	4.1	21.0
2 21	10 13.74	+24 12.6	2.448	3.418	3.8	21.0
3 2	10 5.49	+24 38.2	2.474	3.419	5.9	21.1
3 12	9 58.07	+24 50.0	2.529	3.421	8.5	21.3
3 22	9 52.09	+24 47.2	2.608	3.422	11.0	21.4

499869 2011 FK_{18} 2 20.9 36°.09 0°.0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.73	+10 2.7	1.920	2.689	15.5	21.8
1 22	10 37.03	+10 4.8	1.832	2.692	12.4	21.6
2 1	10 30.89	+10 18.2	1.766	2.695	8.7	21.4
2 11	10 22.85	+10 39.7	1.725	2.697	4.4	21.1
2 21	10 13.74	+11 5.0	1.712	2.701	0.1	20.8
3 2	10 4.62	+11 29.1	1.728	2.704	4.5	21.1
3 12	9 56.57	+11 47.6	1.771	2.707	8.7	21.4
3 22	9 50.40	+11 57.3	1.840	2.711	12.4	21.6

161338 2003 SC_4 2 20.9 300°.83 2°.7/18.8 18

1 12	10 40.52	+16 31.4	1.886	2.674	15.1	19.4
1 22	10 37.26	+16 55.9	1.781	2.653	12.0	19.2
2 1	10 31.33	+17 28.7	1.698	2.633	8.4	18.9
2 11	10 23.22	+18 4.8	1.640	2.613	4.5	18.7
2 21	10 13.74	+18 37.8	1.610	2.593	2.9	18.5
3 2	10 4.01	+19 1.4	1.608	2.573	6.3	18.7
3 12	9 55.27	+19 11.2	1.633	2.554	10.5	18.9
3 22	9 48.52	+19 5.2	1.681	2.534	14.3	19.1

5221 Fabribudweis 2 20.9 263°.23 0°.6/20.3 18

1 12	10 36.74	+10 43.8	2.549	3.311	12.3	17.9
1 22	10 33.33	+11 6.7	2.445	3.302	9.8	17.7
2 1	10 28.07	+11 39.3	2.365	3.293	6.8	17.5
2 11	10 21.34	+12 18.3	2.311	3.284	3.4	17.2
2 21	10 13.76	+12 59.7	2.287	3.275	0.6	17.0
3 2	10 6.08	+13 39.0	2.293	3.266	3.9	17.2
3 12	9 59.10	+14 12.2	2.328	3.257	7.3	17.4
3 22	9 53.46	+14 36.4	2.389	3.248	10.4	17.6

90731 1992 *OC* 2 20.9 230°.39 4°.2/17.1 18

1 12	10 46.50	+22 45.3	2.453	3.223	12.5	20.3
1 22	10 41.28	+23 24.3	2.349	3.209	10.0	20.1
2 1	10 33.72	+24 6.2	2.268	3.194	7.2	19.9
2 11	10 24.29	+24 45.0	2.216	3.178	4.8	19.7
2 21	10 13.74	+25 14.7	2.193	3.161	4.4	19.7
3 2	10 3.05	+25 30.5	2.201	3.143	6.7	19.8
3 12	9 53.26	+25 29.7	2.237	3.125	9.7	20.0
3 22	9 45.20	+25 12.2	2.299	3.106	12.6	20.1

405323 2003 UF_{195} 2 20.9 96°.34 0°.4/21.2 18

1 12	10 42.90	+ 7 29.8	1.748	2.511	17.0	21.6
1 22	10 38.83	+ 7 45.6	1.674	2.529	13.6	21.4
2 1	10 32.14	+ 8 16.7	1.621	2.546	9.5	21.2
2 11	10 23.47	+ 8 59.3	1.593	2.564	5.0	21.0
2 21	10 13.74	+ 9 47.7	1.592	2.581	0.4	20.7
3 2	10 4.14	+10 35.6	1.621	2.597	4.7	21.0
3 12	9 55.81	+11 16.9	1.677	2.614	9.1	21.3
3 22	9 49.58	+11 47.6	1.758	2.630	12.9	21.6

77892 2001 SZ_{250} 2 20.9 353°.54 0°.2/21.1 18

1 12	10 32.75	+ 8 1.0	2.643	3.401	12.0	18.7
1 22	10 30.08	+ 8 23.1	2.545	3.398	9.6	18.5
2 1	10 25.74	+ 8 56.0	2.470	3.395	6.7	18.3
2 11	10 20.12	+ 9 36.9	2.422	3.393	3.5	18.1
2 21	10 13.78	+10 22.2	2.403	3.391	0.2	17.8
3 2	10 7.38	+11 7.6	2.413	3.390	3.4	18.1
3 12	10 1.63	+11 48.9	2.453	3.389	6.7	18.3
3 22	9 57.10	+12 22.9	2.519	3.388	9.6	18.5

417101 2005 UC_{373} 2 20.9 68°.96 2°.6/23.0 18

1 12	10 38.91	+ 2 19.1	1.863	2.609	16.7	21.6
1 22	10 35.64	+ 2 14.2	1.777	2.616	13.7	21.4
2 1	10 29.95	+ 2 26.8	1.711	2.623	10.0	21.2
2 11	10 22.39	+ 2 55.6	1.669	2.631	6.0	21.0
2 21	10 13.76	+ 3 37.0	1.655	2.638	2.7	20.8
3 2	10 5.12	+ 4 25.7	1.668	2.646	4.5	20.9
3 12	9 57.52	+ 5 15.3	1.710	2.653	8.4	21.2
3 22	9 51.79	+ 6 0.2	1.777	2.661	12.1	21.4

368800 2005 YU_{41} 2 20.9 100°.80 1°.6/22.2 18

1 12	10 40.53	+ 5 24.5	2.010	2.760	15.5	20.7
1 22	10 36.75	+ 5 17.4	1.920	2.764	12.6	20.5
2 1	10 30.63	+ 5 24.2	1.851	2.769	9.1	20.3
2 11	10 22.71	+ 5 42.9	1.807	2.773	5.1	20.0
2 21	10 13.77	+ 6 10.3	1.791	2.778	1.7	19.8
3 2	10 4.80	+ 6 41.7	1.804	2.782	4.2	20.0
3 12	9 56.82	+ 7 12.2	1.846	2.786	8.1	20.2
3 22	9 50.61	+ 7 37.6	1.913	2.791	11.7	20.5

345676 2006 UK_{70} 2 20.9 183°.33 5°.3/14.6 17

1 12	10 40.47	+28 13.0	2.790	3.571	10.9	21.3
1 22	10 36.20	+29 10.7	2.710	3.571	8.8	21.1
2 1	10 29.97	+30 7.7	2.654	3.571	6.7	21.0
2 11	10 22.27	+30 58.1	2.626	3.570	5.4	20.9
2 21	10 13.78	+31 36.4	2.628	3.570	5.6	20.9
3 2	10 5.29	+31 58.6	2.658	3.569	7.3	21.0
3 12	9 57.63	+32 3.1	2.715	3.568	9.4	21.2
3 22	9 51.45	+31 50.2	2.795	3.566	11.5	21.3

324541 2006 WM_{30} 2 20.9 355°.17 1°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.75	+ 7 55.1	1.301	2.100	20.0	20.4
1 22	10 35.11	+ 7 37.6	1.219	2.094	16.2	20.1
2 1	10 30.27	+ 7 37.1	1.156	2.090	11.6	19.8
2 11	10 22.80	+ 7 51.2	1.114	2.087	6.3	19.5
2 21	10 13.77	+ 8 15.4	1.096	2.085	1.3	19.2
3 2	10 4.64	+ 8 43.0	1.104	2.084	5.6	19.5
3 12	9 56.94	+ 9 7.0	1.136	2.085	11.0	19.8
3 22	9 51.80	+ 9 22.1	1.189	2.087	15.8	20.0

110225 2001 SW_{224} 2 20.9 210°.76 1°.9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.25	+13 53.6	2.219	2.988	13.7	21.4
1 22	10 37.25	+14 32.1	2.120	2.983	10.8	21.2
2 1	10 30.98	+15 20.4	2.045	2.976	7.5	21.0
2 11	10 22.91	+16 13.6	1.996	2.969	3.8	20.7
2 21	10 13.78	+17 5.9	1.977	2.962	2.1	20.6
3 2	10 4.53	+17 51.6	1.988	2.954	5.2	20.8
3 12	9 56.16	+18 25.8	2.027	2.946	8.9	21.0
3 22	9 49.46	+18 46.3	2.092	2.937	12.2	21.2

6974 Solti 2 20.9 130°.89 1°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.72	+ 0 23.9	2.106	2.837	15.5	16.6
1 22	10 34.41	+ 1 5.6	2.016	2.847	12.6	16.4
2 1	10 28.96	+ 2 7.5	1.948	2.857	9.2	16.2
2 11	10 21.84	+ 3 27.0	1.905	2.867	5.4	16.0
2 21	10 13.79	+ 4 58.6	1.891	2.876	2.0	15.8
3 2	10 5.71	+ 6 35.3	1.907	2.885	3.9	16.0
3 12	9 58.53	+ 8 9.1	1.953	2.893	7.7	16.2
3 22	9 52.98	+ 9 33.5	2.025	2.901	11.2	16.4

198888 2005 TY_{77} 2 20.9 139°.42 2°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 47.76	+15 3.4	1.947	2.714	15.4	21.4
1 22	10 42.48	+15 44.6	1.870	2.731	12.1	21.2
2 1	10 34.59	+16 34.8	1.816	2.746	8.3	21.0
2 11	10 24.70	+17 28.1	1.788	2.761	4.4	20.8
2 21	10 13.77	+18 17.4	1.790	2.774	2.6	20.7
3 2	10 2.95	+18 56.6	1.823	2.786	5.9	20.9
3 12	9 53.39	+19 21.5	1.883	2.798	9.7	21.1
3 22	9 45.93	+19 30.8	1.969	2.808	13.1	21.4

206291 2003 AM_{92} 2 20.9 323°.95 6°.5/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.61	− 5 13.6	2.004	2.710	16.9	19.4
1 22	10 34.73	− 6 15.7	1.893	2.693	14.6	19.2
2 1	10 29.49	− 7 1.2	1.800	2.676	11.8	18.9
2 11	10 22.28	− 7 27.5	1.731	2.660	8.9	18.7
2 21	10 13.80	− 7 33.5	1.687	2.644	6.8	18.6
3 2	10 5.01	− 7 20.2	1.670	2.628	6.9	18.5
3 12	9 56.99	− 6 51.9	1.680	2.613	9.3	18.6
3 22	9 50.67	− 6 14.4	1.714	2.599	12.4	18.8

58177 1990 TB_{6} 2 20.9 134°.13 0°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.82	+ 9 48.4	1.716	2.482	17.2	19.3
1 22	10 41.34	+ 9 53.3	1.634	2.491	13.8	19.0
2 1	10 34.03	+10 11.2	1.573	2.500	9.6	18.8
2 11	10 24.51	+10 38.4	1.536	2.508	4.9	18.5
2 21	10 13.79	+11 9.6	1.528	2.516	0.1	18.2
3 2	10 3.10	+11 38.9	1.548	2.524	5.0	18.6
3 12	9 53.73	+12 1.1	1.596	2.531	9.6	18.9
3 22	9 46.60	+12 13.3	1.669	2.537	13.6	19.1

171541 1999 RY_{108} 2 20.9 191°.26 1°.9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.69	+ 4 26.4	1.984	2.726	16.0	20.8
1 22	10 38.59	+ 4 22.4	1.886	2.725	13.0	20.6
2 1	10 32.03	+ 4 33.4	1.809	2.724	9.4	20.4
2 11	10 23.49	+ 4 57.9	1.757	2.722	5.4	20.1
2 21	10 13.80	+ 5 32.3	1.733	2.719	2.0	19.9
3 2	10 3.98	+ 6 12.0	1.739	2.716	4.3	20.1
3 12	9 55.14	+ 6 51.2	1.773	2.713	8.5	20.3
3 22	9 48.14	+ 7 25.1	1.833	2.709	12.3	20.5

337697 2001 TK_{255} 2 20.9 38°.37 5°.4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.85	+23 58.3	2.075	2.872	13.6	20.7
1 22	10 35.50	+25 2.3	2.004	2.879	10.8	20.5
2 1	10 29.78	+26 8.7	1.957	2.887	7.9	20.3
2 11	10 22.27	+27 10.3	1.936	2.894	5.7	20.2
2 21	10 13.81	+27 59.7	1.942	2.902	5.7	20.2
3 2	10 5.41	+28 31.4	1.977	2.910	8.0	20.4
3 12	9 58.11	+28 42.7	2.037	2.919	10.8	20.5
3 22	9 52.65	+28 33.9	2.120	2.927	13.5	20.7

104972 2000 JX_{63} 2 20.9 173°.19 0°.8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.16	+ 5 45.4	2.490	3.227	13.2	20.8
1 22	10 36.00	+ 6 7.6	2.392	3.231	10.6	20.6
2 1	10 29.89	+ 6 42.6	2.317	3.234	7.5	20.4
2 11	10 22.28	+ 7 27.9	2.268	3.236	4.1	20.2
2 21	10 13.81	+ 8 19.4	2.250	3.238	0.8	19.9
3 2	10 5.28	+ 9 12.5	2.262	3.239	3.6	20.2
3 12	9 57.52	+10 2.2	2.305	3.239	7.1	20.4
3 22	9 51.19	+10 44.7	2.374	3.239	10.2	20.6

429828 2012 PC_{4} 2 20.9 63°.24 1°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.34	+ 2 23.6	2.173	2.915	14.7	21.1
1 22	10 32.46	+ 2 48.8	2.085	2.924	12.0	20.9
2 1	10 27.57	+ 3 31.0	2.018	2.932	8.6	20.8
2 11	10 21.12	+ 4 27.8	1.977	2.941	5.0	20.5
2 21	10 13.82	+ 5 34.7	1.963	2.949	1.8	20.3
3 2	10 6.50	+ 6 45.9	1.980	2.958	3.8	20.5
3 12	10 0.03	+ 7 55.1	2.025	2.967	7.4	20.7
3 22	9 55.08	+ 8 56.9	2.097	2.976	10.8	21.0

523768 2014 WQ_{510} 2 20.9 152°.98 0°.0/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.69	+12 25.2	44.416	45.166	0.8	22.2
1 22	10 16.08	+12 28.1	44.316	45.168	0.6	22.2
2 1	10 15.40	+12 31.3	44.242	45.169	0.4	22.2
2 11	10 14.66	+12 34.8	44.198	45.171	0.2	22.2
2 21	10 13.89	+12 38.4	44.184	45.173	0.0	22.1
3 2	10 13.12	+12 41.9	44.201	45.174	0.2	22.2
3 12	10 12.38	+12 45.1	44.248	45.176	0.5	22.2
3 22	10 11.69	+12 48.0	44.323	45.177	0.7	22.2

384745 2011 OE_{29} 2 20.9 289°.39 3°.8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.11	− 0 56.4	2.313	3.029	14.6	20.8
1 22	10 34.67	− 1 24.7	2.203	3.019	12.3	20.6
2 1	10 29.15	− 1 38.4	2.115	3.009	9.4	20.4
2 11	10 21.99	− 1 37.1	2.051	2.999	6.4	20.2
2 21	10 13.82	− 1 22.0	2.015	2.989	4.0	20.1
3 2	10 5.47	− 0 55.8	2.008	2.978	4.7	20.1
3 12	9 57.85	− 0 22.8	2.029	2.969	7.5	20.2
3 22	9 51.70	+ 0 12.2	2.076	2.959	10.7	20.4

240896 2006 DW_{87} 2 20.9 227°.01 1°.4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.16	+ 2 56.0	2.103	2.840	15.3	21.6
1 22	10 36.60	+ 3 28.6	1.991	2.828	12.5	21.4
2 1	10 30.70	+ 4 20.1	1.900	2.814	9.1	21.1
2 11	10 22.87	+ 5 28.4	1.834	2.800	5.1	20.9
2 21	10 13.81	+ 6 48.8	1.798	2.785	1.5	20.6
3 2	10 4.48	+ 8 14.5	1.791	2.769	4.2	20.8
3 12	9 55.94	+ 9 37.8	1.814	2.752	8.4	21.0
3 22	9 49.06	+10 52.1	1.864	2.735	12.3	21.2

98554 2000 WP_{6} 2 20.9 135°.64 1°.9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.15	+13 21.8	2.200	2.960	14.0	21.1
1 22	10 40.09	+14 9.7	2.122	2.979	11.0	20.9
2 1	10 32.77	+15 7.2	2.068	2.997	7.5	20.7
2 11	10 23.73	+16 8.9	2.042	3.014	3.8	20.5
2 21	10 13.81	+17 8.4	2.045	3.030	2.0	20.4
3 2	10 3.97	+17 59.9	2.080	3.045	5.1	20.6
3 12	9 55.18	+18 39.0	2.144	3.059	8.7	20.9
3 22	9 48.19	+19 3.6	2.234	3.072	11.8	21.1

143330 2003 AL_{65} 2 20.9 350°.88 9°.4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.21	+26 48.3	1.132	1.974	19.5	17.8
1 22	10 34.80	+27 57.8	1.063	1.962	15.9	17.6
2 1	10 30.55	+29 10.0	1.012	1.951	12.2	17.3
2 11	10 23.11	+30 11.7	0.983	1.942	9.7	17.1
2 21	10 13.81	+30 49.4	0.976	1.935	10.0	17.1
3 2	10 4.51	+30 53.5	0.990	1.930	13.1	17.3
3 12	9 57.10	+30 21.3	1.025	1.927	17.1	17.5
3 22	9 52.83	+29 16.7	1.078	1.926	20.9	17.7

519400 2011 SG_{279} 2 20.9 241°.44 7°.5/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 47.96	+38 50.0	2.929	3.688	10.9	21.7
1 22	10 42.28	+39 47.7	2.845	3.674	9.4	21.5
2 1	10 34.30	+40 38.8	2.784	3.660	8.1	21.4
2 11	10 24.54	+41 16.4	2.751	3.645	7.5	21.3
2 21	10 13.81	+41 34.9	2.745	3.630	8.0	21.4
3 2	10 3.10	+41 30.8	2.766	3.615	9.3	21.4
3 12	9 53.41	+41 3.7	2.812	3.599	10.9	21.5
3 22	9 45.51	+40 15.8	2.881	3.583	12.6	21.6

132021 2002 CX_{111} 2 20.9 62°.45 1°.8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.40	+12 35.9	1.393	2.188	19.1	19.8
1 22	10 39.92	+13 2.9	1.329	2.205	15.1	19.6
2 1	10 33.26	+13 43.8	1.285	2.222	10.4	19.3
2 11	10 24.16	+14 32.1	1.264	2.239	5.2	19.1
2 21	10 13.81	+15 19.7	1.270	2.257	1.9	18.9
3 2	10 3.70	+15 58.6	1.302	2.275	6.4	19.2
3 12	9 55.23	+16 23.2	1.360	2.293	11.2	19.6
3 22	9 49.35	+16 31.4	1.440	2.310	15.3	19.9

90252 2003 BA_{66} 2 20.9 196°.06 0°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.45	+ 9 37.9	2.595	3.354	12.2	20.2
1 22	10 32.27	+10 21.8	2.497	3.353	9.6	20.0
2 1	10 27.30	+11 16.9	2.423	3.352	6.6	19.8
2 11	10 20.97	+12 19.6	2.377	3.350	3.3	19.6
2 21	10 13.84	+13 25.0	2.361	3.349	0.7	19.4
3 2	10 6.64	+14 27.8	2.375	3.347	3.9	19.7
3 12	10 0.12	+15 23.4	2.418	3.345	7.2	19.9
3 22	9 54.90	+16 8.2	2.488	3.343	10.2	20.1

140933 2001 VS_{82} 2 20.9 205°.28 4°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.13	− 4 38.4	2.535	3.232	13.9	20.4
1 22	10 32.06	− 4 40.2	2.431	3.230	11.8	20.2
2 1	10 27.19	− 4 24.5	2.348	3.229	9.2	20.0
2 11	10 20.93	− 3 51.6	2.289	3.228	6.4	19.8
2 21	10 13.84	− 3 3.2	2.258	3.226	4.2	19.7
3 2	10 6.67	− 2 3.0	2.256	3.225	4.5	19.7
3 12	10 0.16	− 0 56.5	2.283	3.223	6.8	19.8
3 22	9 54.95	+ 0 11.0	2.337	3.221	9.6	20.0

66380 1999 JV_{124} 2 20.9 212°.44 3°.4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.75	− 0 19.7	1.934	2.661	16.8	20.5
1 22	10 37.21	− 0 23.7	1.831	2.656	14.0	20.2
2 1	10 31.18	− 0 8.4	1.747	2.650	10.5	20.0
2 11	10 23.13	+ 0 25.8	1.688	2.643	6.7	19.8
2 21	10 13.83	+ 1 16.3	1.656	2.636	3.6	19.5
3 2	10 4.32	+ 2 17.7	1.653	2.628	4.8	19.6
3 12	9 55.74	+ 3 23.1	1.678	2.620	8.6	19.8
3 22	9 48.99	+ 4 25.7	1.729	2.612	12.5	20.0

192555 1998 TV_{27} 2 20.9 242°.87 5°.3/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.59	+25 40.3	2.287	3.069	12.9	20.8
1 22	10 39.95	+26 23.6	2.195	3.059	10.4	20.6
2 1	10 32.87	+27 7.8	2.126	3.050	7.7	20.4
2 11	10 23.89	+27 46.3	2.084	3.040	5.6	20.3
2 21	10 13.82	+28 12.5	2.071	3.029	5.6	20.2
3 2	10 3.72	+28 21.7	2.087	3.019	7.7	20.3
3 12	9 54.63	+28 11.7	2.130	3.008	10.5	20.5
3 22	9 47.41	+27 43.3	2.196	2.997	13.3	20.7

431515 2007 TC_{187} 2 20.9 151°.06 0°.8/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.18	+10 30.4	2.349	3.114	13.1	21.4
1 22	10 33.82	+11 3.3	2.257	3.115	10.4	21.2
2 1	10 28.47	+11 47.0	2.188	3.117	7.2	21.0
2 11	10 21.60	+12 37.9	2.145	3.119	3.6	20.8
2 21	10 13.87	+13 30.9	2.132	3.120	0.8	20.6
3 2	10 6.09	+14 20.9	2.149	3.122	4.2	20.8
3 12	9 59.12	+15 3.1	2.195	3.123	7.7	21.0
3 22	9 53.62	+15 34.5	2.266	3.124	10.9	21.2

405539 2005 GY_{28} 2 20.9 324°.02 3°.7/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.02	+17 18.9	1.422	2.230	18.1	20.3
1 22	10 38.49	+17 45.4	1.334	2.217	14.5	20.1
2 1	10 32.67	+18 21.9	1.266	2.205	10.2	19.8
2 11	10 24.10	+19 1.4	1.221	2.194	5.6	19.5
2 21	10 13.85	+19 35.3	1.201	2.183	3.9	19.4
3 2	10 3.42	+19 55.7	1.207	2.173	7.8	19.5
3 12	9 54.42	+19 57.5	1.238	2.164	12.6	19.8
3 22	9 48.04	+19 39.4	1.290	2.155	17.0	20.0

217964 2001 UZ_{212} 2 20.9 185°.12 4°.8/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.51	− 7 12.9	2.446	3.122	14.8	21.9
1 22	10 34.82	− 7 16.5	2.340	3.122	12.7	21.8
2 1	10 29.17	− 7 0.5	2.254	3.122	10.1	21.6
2 11	10 21.98	− 6 24.5	2.192	3.121	7.3	21.4
2 21	10 13.87	− 5 30.0	2.158	3.119	5.1	21.3
3 2	10 5.64	− 4 20.9	2.153	3.117	5.1	21.3
3 12	9 58.14	− 3 3.0	2.178	3.114	7.3	21.4
3 22	9 52.05	− 1 42.8	2.230	3.110	10.2	21.6

34863 2001 TP_{107} 2 20.9 113°.40 5°.0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.88	+19 24.7	1.642	2.438	16.6	18.1
1 22	10 40.05	+20 41.3	1.575	2.451	13.1	17.9
2 1	10 33.26	+22 6.3	1.529	2.464	9.2	17.7
2 11	10 24.17	+23 30.2	1.510	2.477	5.8	17.5
2 21	10 13.86	+24 42.9	1.517	2.489	5.4	17.5
3 2	10 3.66	+25 36.1	1.553	2.501	8.4	17.7
3 12	9 54.90	+26 5.5	1.614	2.512	12.1	18.0
3 22	9 48.52	+26 11.1	1.697	2.523	15.5	18.2

218711 2005 UL_{29} 2 20.9 149°.20 3°.6/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.78	− 4 0.1	2.644	3.330	13.6	21.9
1 22	10 35.54	− 3 59.4	2.548	3.342	11.4	21.8
2 1	10 29.49	− 3 42.3	2.473	3.353	8.8	21.6
2 11	10 22.06	− 3 9.3	2.424	3.364	6.0	21.4
2 21	10 13.88	− 2 22.4	2.403	3.373	3.9	21.3
3 2	10 5.67	− 1 25.4	2.414	3.382	4.2	21.3
3 12	9 58.19	− 0 23.4	2.454	3.391	6.6	21.5
3 22	9 52.05	+ 0 38.5	2.522	3.398	9.3	21.7

303463 2005 CO_{23} 2 20.9 28°.34 3°.3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.64	− 0 2.3	1.269	2.046	21.6	19.5
1 22	10 33.33	+ 0 8.6	1.198	2.055	17.7	19.3
2 1	10 28.94	+ 0 48.3	1.145	2.065	13.1	19.0
2 11	10 22.09	+ 1 55.1	1.112	2.076	8.0	18.8
2 21	10 13.87	+ 3 22.3	1.104	2.088	3.6	18.6
3 2	10 5.69	+ 4 59.6	1.121	2.101	5.5	18.7
3 12	9 58.96	+ 6 34.9	1.163	2.115	10.4	19.0
3 22	9 54.70	+ 7 58.0	1.227	2.129	15.1	19.3

368601 2004 RY_{195} 2 20.9 93°.95 1°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.55	+ 6 48.1	2.058	2.807	15.2	20.8
1 22	10 38.19	+ 6 40.6	1.975	2.820	12.3	20.7
2 1	10 31.54	+ 6 45.5	1.915	2.834	8.7	20.5
2 11	10 23.17	+ 7 0.5	1.880	2.848	4.8	20.3
2 21	10 13.87	+ 7 22.1	1.874	2.861	1.2	20.0
3 2	10 4.65	+ 7 46.2	1.897	2.874	4.0	20.3
3 12	9 56.47	+ 8 8.2	1.949	2.887	7.9	20.5
3 22	9 50.08	+ 8 24.9	2.027	2.900	11.4	20.7

430817 2005 GO_{32} 2 20.9 212°.72 2°.4/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.11	+ 0 2.7	2.561	3.279	13.3	22.0
1 22	10 32.84	+ 0 13.9	2.455	3.275	11.0	21.8
2 1	10 27.74	+ 0 40.6	2.370	3.271	8.2	21.6
2 11	10 21.23	+ 1 21.6	2.311	3.266	5.1	21.4
2 21	10 13.89	+ 2 14.1	2.281	3.261	2.6	21.2
3 2	10 6.44	+ 3 13.9	2.280	3.256	3.6	21.3
3 12	9 59.65	+ 4 15.7	2.310	3.251	6.7	21.5
3 22	9 54.15	+ 5 14.8	2.366	3.245	9.7	21.7

465446 2008 SE_{20} 2 20.9 191°.00 1°.4/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.40	+ 3 41.3	2.495	3.227	13.3	22.6
1 22	10 34.66	+ 3 58.2	2.392	3.226	10.8	22.4
2 1	10 29.02	+ 4 29.2	2.312	3.224	7.8	22.2
2 11	10 21.89	+ 5 12.0	2.258	3.222	4.5	22.0
2 21	10 13.90	+ 6 3.3	2.233	3.219	1.5	21.8
3 2	10 5.80	+ 6 58.4	2.239	3.216	3.5	21.9
3 12	9 58.43	+ 7 52.3	2.274	3.212	6.9	22.1
3 22	9 52.43	+ 8 40.7	2.337	3.208	10.1	22.3

116231 2003 YO_{5} 2 20.9 50°.14 5°.2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.34	+22 35.8	2.049	2.846	13.7	19.3
1 22	10 35.17	+23 49.8	1.977	2.853	10.8	19.1
2 1	10 29.62	+25 8.1	1.928	2.859	7.8	19.0
2 11	10 22.26	+26 22.9	1.905	2.866	5.5	18.8
2 21	10 13.90	+27 26.4	1.911	2.873	5.6	18.8
3 2	10 5.57	+28 12.2	1.945	2.880	7.9	19.0
3 12	9 58.31	+28 36.9	2.004	2.887	10.9	19.2
3 22	9 52.88	+28 40.6	2.087	2.894	13.6	19.4

142882 2002 VB_{41} 2 20.9 71°.62 9°.7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.92	+32 24.9	1.618	2.419	16.6	19.0
1 22	10 42.73	+34 0.8	1.570	2.437	13.7	18.8
2 1	10 35.20	+35 31.6	1.544	2.454	11.1	18.7
2 11	10 25.15	+36 45.1	1.542	2.471	9.7	18.6
2 21	10 13.88	+37 31.3	1.565	2.489	10.2	18.7
3 2	10 2.96	+37 44.6	1.613	2.506	12.3	18.9
3 12	9 53.86	+37 25.3	1.684	2.524	14.8	19.1
3 22	9 47.51	+36 38.5	1.775	2.541	17.2	19.3

381242 2007 TP_{56} 2 20.9 104°.64 4°.5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.53	+23 45.0	2.375	3.159	12.5	21.1
1 22	10 37.24	+24 32.7	2.300	3.168	9.9	21.0
2 1	10 30.81	+25 22.1	2.250	3.177	7.1	20.8
2 11	10 22.77	+26 6.9	2.226	3.186	5.0	20.7
2 21	10 13.90	+26 41.5	2.232	3.195	4.8	20.7
3 2	10 5.11	+27 1.4	2.266	3.203	6.9	20.8
3 12	9 57.32	+27 4.4	2.328	3.212	9.5	21.0
3 22	9 51.21	+26 51.0	2.414	3.220	12.1	21.2

372431 2009 SG_{42} 2 20.9 131°.29 3°.3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.71	+18 5.0	2.091	2.873	14.0	21.3
1 22	10 37.67	+18 47.6	2.010	2.879	11.0	21.1
2 1	10 31.28	+19 36.8	1.952	2.885	7.6	20.9
2 11	10 23.08	+20 26.5	1.920	2.891	4.4	20.7
2 21	10 13.90	+21 10.3	1.918	2.896	3.5	20.7
3 2	10 4.75	+21 42.7	1.944	2.901	6.2	20.8
3 12	9 56.66	+22 0.0	1.998	2.907	9.6	21.1
3 22	9 50.40	+22 1.3	2.077	2.911	12.7	21.3

333452 2003 WU_{179} 2 20.9 3°.52 6°.1/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.53	− 7 20.5	2.150	2.839	16.3	20.6
1 22	10 34.36	− 8 0.3	2.052	2.839	14.1	20.4
2 1	10 29.03	− 8 20.9	1.973	2.839	11.4	20.2
2 11	10 21.98	− 8 20.5	1.917	2.839	8.6	20.1
2 21	10 13.91	− 7 59.3	1.886	2.839	6.5	19.9
3 2	10 5.72	− 7 19.9	1.883	2.840	6.4	19.9
3 12	9 58.35	− 6 27.6	1.907	2.840	8.4	20.0
3 22	9 52.56	− 5 28.9	1.957	2.841	11.2	20.2

212975 2009 BJ_{156} 2 20.9 22°.18 0°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.65	+ 9 27.1	1.461	2.244	18.9	20.7
1 22	10 39.42	+ 9 19.8	1.379	2.246	15.2	20.5
2 1	10 33.06	+ 9 27.0	1.317	2.249	10.7	20.2
2 11	10 24.20	+ 9 45.5	1.279	2.251	5.6	19.9
2 21	10 13.91	+10 10.0	1.266	2.254	0.3	19.6
3 2	10 3.59	+10 34.4	1.280	2.258	5.4	19.9
3 12	9 54.70	+10 52.7	1.320	2.261	10.5	20.2
3 22	9 48.30	+11 1.2	1.383	2.265	15.0	20.5

148748 2001 TF_{164} 2 20.9 126°.43 0°.0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 40.00	+ 8 9.1	1.991	2.752	15.3	21.1
1 22	10 36.38	+ 8 34.0	1.905	2.759	12.2	20.9
2 1	10 30.43	+ 9 12.9	1.840	2.767	8.5	20.7
2 11	10 22.68	+10 2.1	1.802	2.774	4.4	20.5
2 21	10 13.92	+10 56.2	1.792	2.780	0.0	20.1
3 2	10 5.15	+11 49.1	1.811	2.787	4.4	20.5
3 12	9 57.38	+12 35.2	1.859	2.793	8.5	20.8
3 22	9 51.41	+13 10.5	1.931	2.799	12.1	21.0

195469 2002 GY_{115} 2 20.9 219°.82 0°.3/21.3 17

1 12	10 37.34	+ 6 41.9	2.166	2.922	14.4	20.6
1 22	10 34.18	+ 7 11.8	2.068	2.919	11.5	20.4
2 1	10 28.89	+ 7 56.6	1.992	2.916	8.1	20.2
2 11	10 21.90	+ 8 52.9	1.941	2.912	4.3	19.9
2 21	10 13.93	+ 9 55.8	1.920	2.909	0.3	19.6
3 2	10 5.84	+10 59.4	1.928	2.905	4.1	19.9
3 12	9 58.58	+11 57.7	1.965	2.901	8.0	20.1
3 22	9 52.89	+12 46.1	2.027	2.897	11.5	20.4

115154 2003 SN_{70} 2 20.9 150°.43 0°.3/20.6 18

1 12	10 38.05	+ 9 4.2	2.212	2.974	13.9	20.1
1 22	10 34.64	+ 9 33.6	2.120	2.976	11.1	19.9
2 1	10 29.13	+10 15.4	2.051	2.979	7.7	19.7
2 11	10 21.99	+11 6.0	2.009	2.981	3.9	19.4
2 21	10 13.93	+12 0.3	1.995	2.983	0.4	19.2
3 2	10 5.82	+12 52.9	2.011	2.985	4.2	19.5
3 12	9 58.57	+13 38.4	2.055	2.987	8.0	19.7
3 22	9 52.90	+14 13.4	2.125	2.989	11.3	19.9

406485 2007 UP_{122} 2 20.9 355°.06 1°.9/19.6 18

1 12	10 37.38	+11 58.9	1.352	2.158	19.0	20.9
1 22	10 35.57	+12 31.7	1.273	2.155	15.1	20.6
2 1	10 30.58	+13 21.2	1.212	2.152	10.5	20.3
2 11	10 23.01	+14 21.3	1.175	2.151	5.3	20.0
2 21	10 13.92	+15 23.3	1.162	2.150	2.1	19.8
3 2	10 4.75	+16 17.7	1.176	2.149	6.7	20.1
3 12	9 57.00	+16 56.9	1.214	2.150	11.9	20.4
3 22	9 51.78	+17 16.9	1.273	2.151	16.4	20.7

164667 1996 TA_{36} 2 20.9 177°.93 0°.0/20.9 18

1 12	10 42.81	+ 8 11.7	2.100	2.852	14.9	21.1
1 22	10 38.54	+ 8 35.4	2.005	2.854	11.9	20.9
2 1	10 31.93	+ 9 12.4	1.932	2.856	8.4	20.7
2 11	10 23.46	+ 9 59.5	1.886	2.857	4.3	20.4
2 21	10 13.93	+10 51.5	1.868	2.857	0.0	20.1
3 2	10 4.31	+11 42.6	1.881	2.857	4.3	20.4
3 12	9 55.65	+12 27.4	1.923	2.855	8.4	20.7
3 22	9 48.75	+13 1.9	1.991	2.853	12.0	20.9

338331 2002 VD_{132} 2 20.9 140°.64 4°.5/16.1 17

1 12	10 40.32	+23 33.7	2.490	3.273	12.0	21.1
1 22	10 36.26	+24 31.0	2.412	3.279	9.5	20.9
2 1	10 30.13	+25 30.6	2.358	3.285	6.9	20.8
2 11	10 22.46	+26 26.2	2.332	3.291	4.8	20.6
2 21	10 13.95	+27 12.1	2.335	3.296	4.8	20.6
3 2	10 5.46	+27 43.4	2.368	3.301	6.8	20.8
3 12	9 57.88	+27 57.6	2.427	3.306	9.4	20.9
3 22	9 51.87	+27 54.7	2.511	3.311	11.8	21.1

118684 2000 NX_{14} 2 20.9 164°.76 2°.6/18.1 18

1 12	10 38.58	+13 46.1	2.220	2.994	13.5	19.9
1 22	10 35.13	+15 3.4	2.132	2.998	10.6	19.7
2 1	10 29.53	+16 32.5	2.068	3.002	7.2	19.5
2 11	10 22.23	+18 6.9	2.032	3.005	3.9	19.3
2 21	10 13.95	+19 39.2	2.027	3.008	2.9	19.2
3 2	10 5.59	+21 1.8	2.051	3.010	5.8	19.4
3 12	9 58.10	+22 9.1	2.104	3.012	9.2	19.6
3 22	9 52.22	+22 58.0	2.182	3.013	12.3	19.8

35216 1994 UH_{3} 2 20.9 166°.85 0°.5/20.3 18

1 12	10 37.17	+10 40.0	2.998	3.749	10.9	20.3
1 22	10 33.32	+11 5.9	2.902	3.752	8.6	20.2
2 1	10 27.88	+11 39.9	2.830	3.756	5.9	20.0
2 11	10 21.25	+12 19.1	2.786	3.759	3.0	19.8
2 21	10 13.96	+12 59.8	2.773	3.761	0.5	19.6
3 2	10 6.64	+13 38.5	2.791	3.764	3.4	19.8
3 12	9 59.95	+14 11.6	2.839	3.765	6.3	20.0
3 22	9 54.40	+14 36.9	2.914	3.767	8.9	20.2

199449 2006 DD_{38} 2 20.9 28°.10 1°.4/19.8 18

1 12	10 40.47	+13 5.0	1.990	2.766	14.8	20.7
1 22	10 36.84	+13 25.4	1.901	2.766	11.7	20.5
2 1	10 30.81	+13 55.6	1.834	2.767	8.1	20.3
2 11	10 22.91	+14 31.3	1.793	2.767	4.1	20.0
2 21	10 13.95	+15 7.1	1.781	2.768	1.5	19.9
3 2	10 4.96	+15 37.5	1.797	2.768	5.1	20.1
3 12	9 57.00	+15 58.0	1.841	2.769	9.0	20.3
3 22	9 50.87	+16 6.5	1.910	2.770	12.6	20.6

264171 2010 CF_{106} 2 20.9 139°.24 0°.8/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 38.08	+10 40.6	2.311	3.075	13.3	21.5
1 22	10 34.56	+11 14.7	2.221	3.079	10.6	21.3
2 1	10 29.02	+11 59.8	2.154	3.084	7.3	21.1
2 11	10 21.92	+12 51.8	2.115	3.088	3.6	20.9
2 21	10 13.96	+13 45.8	2.105	3.092	0.9	20.7
3 2	10 5.97	+14 36.2	2.124	3.096	4.3	21.0
3 12	9 58.81	+15 18.4	2.173	3.100	7.9	21.2
3 22	9 53.18	+15 49.4	2.247	3.104	11.0	21.4

350216 2012 SV_{17} 2 20.9 147°.34 4°.4/25.9 17

1 12	10 36.08	− 6 4.4	2.594	3.278	13.9	21.5
1 22	10 32.76	− 6 14.1	2.493	3.282	11.8	21.4
2 1	10 27.67	− 6 6.4	2.414	3.285	9.3	21.2
2 11	10 21.21	− 5 41.3	2.358	3.289	6.7	21.1
2 21	10 13.96	− 5 0.2	2.330	3.292	4.7	20.9
3 2	10 6.65	− 4 6.3	2.332	3.296	4.8	20.9
3 12	10 0.02	− 3 4.7	2.362	3.299	6.8	21.1
3 22	9 54.68	− 2 0.7	2.419	3.301	9.4	21.2

118637 2000 HD_{66} 2 20.9 237°.82 1°.4/22.3 18

1 12	10 40.02	+ 4 6.3	2.385	3.118	13.8	21.0
1 22	10 36.20	+ 4 20.4	2.268	3.102	11.3	20.8
2 1	10 30.29	+ 4 48.9	2.172	3.085	8.2	20.6
2 11	10 22.66	+ 5 30.1	2.103	3.068	4.7	20.4
2 21	10 13.96	+ 6 20.7	2.063	3.050	1.5	20.1
3 2	10 5.01	+ 7 15.9	2.054	3.031	3.8	20.2
3 12	9 56.74	+ 8 10.3	2.074	3.011	7.6	20.4
3 22	9 49.92	+ 8 59.0	2.121	2.991	11.1	20.6

296284 2009 DF_{71} 2 20.9 271°.60 2°.9/18.8 17

1 12	10 47.57	+20 37.9	2.459	3.223	12.6	20.6
1 22	10 42.00	+20 39.2	2.355	3.213	10.1	20.4
2 1	10 34.16	+20 42.1	2.275	3.202	7.1	20.2
2 11	10 24.55	+20 42.1	2.222	3.191	4.1	20.0
2 21	10 13.95	+20 35.3	2.201	3.180	3.0	19.9
3 2	10 3.31	+20 18.3	2.210	3.169	5.4	20.1
3 12	9 53.62	+19 49.7	2.249	3.158	8.6	20.2
3 22	9 45.65	+19 9.9	2.314	3.146	11.7	20.4

190089 2004 TM_{135} 2 20.9 132°.23 2°.4/23.1 18

1 12	10 39.22	+ 2 4.3	2.162	2.895	15.1	20.5
1 22	10 35.58	+ 2 1.8	2.069	2.900	12.3	20.3
2 1	10 29.80	+ 2 14.9	1.997	2.906	9.1	20.1
2 11	10 22.35	+ 2 42.2	1.951	2.911	5.5	19.9
2 21	10 13.96	+ 3 20.8	1.933	2.916	2.6	19.7
3 2	10 5.53	+ 4 6.0	1.944	2.921	4.0	19.8
3 12	9 57.97	+ 4 52.6	1.984	2.925	7.6	20.1
3 22	9 52.03	+ 5 35.5	2.050	2.930	10.9	20.3

246723 2009 BT_{44} 2 20.9 86°.31 0°.6/20.3 17

1 12	10 35.73	+ 8 38.2	2.334	3.095	13.3	20.6
1 22	10 32.67	+ 9 27.2	2.248	3.105	10.5	20.4
2 1	10 27.68	+10 29.0	2.186	3.114	7.2	20.2
2 11	10 21.23	+11 39.5	2.150	3.123	3.6	20.0
2 21	10 13.97	+12 53.1	2.144	3.133	0.6	19.7
3 2	10 6.70	+14 3.9	2.168	3.142	4.1	20.0
3 12	10 0.24	+15 6.2	2.222	3.151	7.6	20.3
3 22	9 55.21	+15 56.5	2.301	3.160	10.7	20.5

289190 2004 VO_{91} 2 20.9 117°.40 1°.0/21.8 18

1 12	10 42.73	+ 4 27.1	1.867	2.614	16.7	21.5
1 22	10 38.59	+ 4 57.8	1.790	2.634	13.4	21.3
2 1	10 31.97	+ 5 46.5	1.734	2.653	9.5	21.1
2 11	10 23.47	+ 6 49.4	1.703	2.671	5.1	20.9
2 21	10 13.97	+ 8 0.7	1.700	2.688	1.1	20.7
3 2	10 4.54	+ 9 13.1	1.728	2.705	4.3	20.9
3 12	9 56.27	+10 19.6	1.784	2.721	8.6	21.2
3 22	9 49.96	+11 15.0	1.865	2.737	12.3	21.5

314182 2005 GY_{153} 2 20.9 246°.25 1°.1/19.9 17

1 12	10 40.60	+10 37.5	2.051	2.817	14.7	22.0
1 22	10 37.09	+11 15.4	1.942	2.801	11.8	21.8
2 1	10 31.15	+12 7.0	1.855	2.785	8.2	21.5
2 11	10 23.19	+13 8.1	1.794	2.768	4.1	21.3
2 21	10 13.97	+14 12.9	1.762	2.750	1.2	21.0
3 2	10 4.47	+15 14.4	1.760	2.732	5.1	21.2
3 12	9 55.81	+16 6.3	1.786	2.713	9.3	21.4
3 22	9 48.90	+16 44.5	1.837	2.694	13.1	21.6

114182 2002 VP_{80} 2 20.9 309°.13 4°.1/25.0 18

1 12	10 35.13	− 3 43.1	2.258	2.968	15.1	19.8
1 22	10 32.37	− 3 47.7	2.155	2.964	12.7	19.6
2 1	10 27.60	− 3 33.5	2.072	2.960	9.9	19.4
2 11	10 21.26	− 3 0.6	2.013	2.956	6.8	19.2
2 21	10 13.98	− 2 10.9	1.981	2.952	4.4	19.0
3 2	10 6.57	− 1 8.7	1.977	2.949	4.7	19.0
3 12	9 59.91	− 0 0.0	2.002	2.945	7.4	19.2
3 22	9 54.70	+ 1 9.0	2.054	2.941	10.6	19.4

58294 1994 JJ_5 2 20.9 165°.10 3°.0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.62	+17 56.8	2.358	3.132	12.8	18.8
1 22	10 37.36	+18 42.3	2.271	3.136	10.1	18.6
2 1	10 30.96	+19 33.9	2.209	3.140	7.0	18.4
2 11	10 22.92	+20 26.2	2.174	3.144	4.0	18.2
2 21	10 13.98	+21 13.3	2.169	3.147	3.2	18.2
3 2	10 5.02	+21 50.1	2.194	3.149	5.7	18.4
3 12	9 56.98	+22 13.0	2.247	3.151	8.9	18.6
3 22	9 50.56	+22 21.0	2.325	3.153	11.8	18.7

121480 Dolanhighsmith 2 20.9 115°.09 0°.3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.33	+ 6 53.4	2.193	2.947	14.3	20.2
1 22	10 34.82	+ 7 23.2	2.107	2.957	11.4	20.0
2 1	10 29.23	+ 8 6.9	2.044	2.967	8.0	19.8
2 11	10 22.05	+ 9 1.0	2.006	2.977	4.2	19.6
2 21	10 13.99	+10 0.6	1.998	2.986	0.3	19.3
3 2	10 5.93	+10 59.9	2.019	2.996	3.9	19.6
3 12	9 58.76	+11 53.5	2.069	3.005	7.7	19.8
3 22	9 53.18	+12 37.2	2.146	3.014	11.1	20.0

35776 1999 JE_{11} 2 20.9 251°.14 2°.0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.87	+12 39.4	1.845	2.622	15.8	19.7
1 22	10 38.45	+13 20.5	1.739	2.605	12.6	19.4
2 1	10 32.30	+14 15.5	1.655	2.588	8.8	19.2
2 11	10 23.87	+15 19.0	1.597	2.571	4.5	18.9
2 21	10 13.98	+16 24.1	1.567	2.553	2.1	18.7
3 2	10 3.78	+17 22.7	1.565	2.534	6.0	18.9
3 12	9 54.55	+18 8.3	1.591	2.515	10.5	19.1
3 22	9 47.32	+18 37.0	1.641	2.495	14.6	19.3

359720 2011 UN_6 2 20.9 226°.37 5°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.22	− 3 10.8	1.674	2.404	18.9	20.7
1 22	10 36.40	− 3 29.7	1.580	2.401	16.0	20.5
2 1	10 30.86	− 3 25.5	1.503	2.399	12.4	20.2
2 11	10 23.11	− 2 57.3	1.449	2.397	8.5	20.0
2 21	10 13.99	− 2 6.9	1.420	2.394	5.3	19.8
3 2	10 4.68	− 0 59.9	1.419	2.392	5.9	19.8
3 12	9 56.45	+ 0 15.6	1.444	2.389	9.5	20.0
3 22	9 50.29	+ 1 30.7	1.493	2.386	13.5	20.2

5175 Ables 2 20.9 328°.01 16°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.78	−20 3.2	1.242	1.913	27.0	16.4
1 22	10 36.54	−22 3.1	1.163	1.909	24.8	16.2
2 1	10 31.78	−23 29.0	1.095	1.906	22.3	16.0
2 11	10 23.93	−24 10.2	1.041	1.904	19.6	15.8
2 21	10 13.99	−23 58.4	1.004	1.901	17.3	15.6
3 2	10 3.59	−22 51.4	0.986	1.899	16.2	15.5
3 12	9 54.61	−20 56.9	0.987	1.897	16.8	15.6
3 22	9 48.51	−18 30.6	1.008	1.895	18.9	15.7

79763 1998 TO_{34} 2 20.9 37°.87 1°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.87	+ 4 16.6	1.464	2.242	19.1	18.7
1 22	10 34.70	+ 4 38.0	1.391	2.252	15.5	18.4
2 1	10 29.68	+ 5 21.3	1.337	2.264	11.0	18.2
2 11	10 22.45	+ 6 23.1	1.306	2.276	6.1	17.9
2 21	10 14.00	+ 7 36.5	1.300	2.288	1.4	17.7
3 2	10 5.59	+ 8 52.8	1.321	2.301	5.0	17.9
3 12	9 58.51	+10 2.7	1.369	2.314	9.8	18.2
3 22	9 53.67	+10 59.7	1.439	2.328	14.1	18.5

121488 1999 TH_{254} 2 20.9 148°.51 0°.1/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 46.10	+10 47.5	2.429	3.173	13.3	19.8
1 22	10 40.68	+10 37.5	2.336	3.181	10.6	19.6
2 1	10 33.14	+10 35.1	2.266	3.188	7.4	19.4
2 11	10 24.01	+10 37.8	2.224	3.195	3.8	19.2
2 21	10 14.01	+10 42.6	2.212	3.201	0.1	18.9
3 2	10 4.04	+10 46.5	2.232	3.207	3.8	19.2
3 12	9 55.00	+10 46.5	2.282	3.213	7.4	19.5
3 22	9 47.58	+10 41.0	2.359	3.218	10.5	19.7

3066 McFadden 2 20.9 137°.99 3°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.13	− 2 51.1	2.054	2.770	16.3	15.9
1 22	10 34.87	− 2 22.3	1.962	2.779	13.5	15.7
2 1	10 29.39	− 1 31.1	1.890	2.787	10.2	15.5
2 11	10 22.19	− 0 19.2	1.843	2.795	6.5	15.3
2 21	10 14.02	+ 1 9.2	1.824	2.803	3.4	15.1
3 2	10 5.79	+ 2 47.1	1.834	2.810	4.3	15.1
3 12	9 58.47	+ 4 26.3	1.874	2.817	7.8	15.4
3 22	9 52.82	+ 5 59.2	1.941	2.824	11.3	15.6

138140 2000 EZ_{43} 2 20.9 356°.45 1°.4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 33.58	+ 5 4.8	1.312	2.106	20.1	20.0
1 22	10 32.59	+ 5 14.9	1.230	2.102	16.3	19.7
2 1	10 28.56	+ 5 47.9	1.167	2.099	11.7	19.5
2 11	10 22.04	+ 6 41.1	1.125	2.096	6.5	19.2
2 21	10 14.01	+ 7 48.2	1.107	2.095	1.5	18.8
3 2	10 5.87	+ 9 0.0	1.115	2.095	5.4	19.1
3 12	9 59.06	+10 6.4	1.147	2.096	10.8	19.4
3 22	9 54.66	+10 59.7	1.201	2.099	15.6	19.7

211225 2002 PP_{96} 2 20.9 201°.80 0°.7/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 42.35	+10 27.2	2.215	2.971	14.1	21.6
1 22	10 38.14	+10 55.0	2.114	2.967	11.2	21.4
2 1	10 31.66	+11 34.3	2.035	2.962	7.8	21.2
2 11	10 23.37	+12 21.4	1.984	2.957	3.9	20.9
2 21	10 14.02	+13 11.2	1.962	2.950	0.8	20.6
3 2	10 4.53	+13 58.1	1.970	2.943	4.5	20.9
3 12	9 55.90	+14 37.1	2.008	2.935	8.4	21.1
3 22	9 48.95	+15 4.9	2.071	2.927	11.9	21.3

348599 2005 XL_6 2 20.9 102°.06 7°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 48.41	+24 41.4	1.539	2.338	17.4	20.9
1 22	10 43.88	+25 59.6	1.481	2.356	13.9	20.7
2 1	10 36.03	+27 20.5	1.445	2.373	10.2	20.5
2 11	10 25.65	+28 32.8	1.433	2.390	7.5	20.4
2 21	10 14.00	+29 26.0	1.449	2.407	7.5	20.5
3 2	10 2.65	+29 53.0	1.490	2.423	10.1	20.6
3 12	9 53.07	+29 51.9	1.557	2.439	13.5	20.9
3 22	9 46.22	+29 25.7	1.644	2.454	16.6	21.1

214876 2007 RH_{105} 2 20.9 101°.08 1°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.38	+10 31.8	1.745	2.517	16.7	21.3
1 22	10 39.29	+11 9.6	1.674	2.536	13.2	21.1
2 1	10 32.55	+12 1.3	1.624	2.555	9.1	20.9
2 11	10 23.80	+13 1.4	1.600	2.574	4.5	20.7
2 21	10 14.01	+14 2.6	1.605	2.592	1.2	20.5
3 2	10 4.36	+14 57.8	1.638	2.610	5.3	20.8
3 12	9 56.00	+15 41.2	1.698	2.628	9.6	21.1
3 22	9 49.76	+16 9.8	1.783	2.644	13.3	21.3

91272 1999 CR_{151} 2 20.9 215°.29 0°.3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.57	+ 8 20.5	1.748	2.513	17.0	19.8
1 22	10 39.76	+ 8 27.6	1.652	2.508	13.7	19.6
2 1	10 33.15	+ 8 49.4	1.577	2.503	9.7	19.3
2 11	10 24.27	+ 9 22.7	1.526	2.497	5.1	19.0
2 21	10 14.01	+10 2.6	1.503	2.491	0.4	18.6
3 2	10 3.58	+10 42.8	1.508	2.485	4.9	19.0
3 12	9 54.27	+11 17.2	1.541	2.478	9.7	19.2
3 22	9 47.09	+11 41.5	1.598	2.471	13.9	19.5

498570 2008 LM_6 2 20.9 270°.41 3°.8/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.87	+17 33.7	1.865	2.657	15.1	21.8
1 22	10 36.75	+18 29.2	1.773	2.648	11.9	21.6
2 1	10 31.01	+19 34.3	1.704	2.640	8.3	21.3
2 11	10 23.15	+20 42.2	1.660	2.631	4.9	21.1
2 21	10 14.02	+21 44.8	1.644	2.622	4.1	21.0
3 2	10 4.74	+22 34.5	1.656	2.613	7.1	21.2
3 12	9 56.52	+23 6.1	1.695	2.604	11.0	21.4
3 22	9 50.28	+23 17.9	1.757	2.595	14.5	21.6

518898 2010 FF_{58} 2 20.9 206°.17 2°.5/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.56	+ 2 20.9	2.635	3.355	12.9	21.3
1 22	10 35.47	+ 1 59.6	2.531	3.353	10.7	21.1
2 1	10 29.54	+ 1 49.8	2.450	3.352	7.9	20.9
2 11	10 22.19	+ 1 50.8	2.394	3.350	5.0	20.7
2 21	10 14.03	+ 2 1.1	2.368	3.348	2.6	20.6
3 2	10 5.78	+ 2 17.9	2.372	3.346	3.7	20.6
3 12	9 58.22	+ 2 37.9	2.405	3.344	6.6	20.8
3 22	9 51.99	+ 2 57.6	2.466	3.342	9.5	21.0

271876 2004 TY_{350} 2 20.9 62°.51 3°.0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.96	+16 22.9	1.895	2.683	15.0	20.8
1 22	10 36.53	+17 7.2	1.819	2.692	11.8	20.6
2 1	10 30.63	+18 0.0	1.765	2.701	8.1	20.4
2 11	10 22.83	+18 55.2	1.738	2.710	4.4	20.2
2 21	10 14.02	+19 45.7	1.738	2.719	3.2	20.1
3 2	10 5.27	+20 25.2	1.767	2.729	6.2	20.3
3 12	9 57.66	+20 49.5	1.823	2.738	9.9	20.5
3 22	9 51.98	+20 57.2	1.902	2.748	13.2	20.8

21416 Sisichen 2 20.9 185°.23 3°.2/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.30	+17 10.4	2.001	2.778	14.7	19.2
1 22	10 39.95	+17 54.0	1.912	2.778	11.6	19.0
2 1	10 33.05	+18 45.6	1.846	2.778	8.1	18.8
2 11	10 24.12	+19 39.0	1.807	2.777	4.5	18.6
2 21	10 14.03	+20 27.4	1.796	2.776	3.4	18.5
3 2	10 3.89	+21 4.4	1.815	2.774	6.4	18.7
3 12	9 54.84	+21 25.7	1.861	2.771	10.1	18.9
3 22	9 47.76	+21 30.2	1.932	2.768	13.5	19.1

331236 2011 BK_{90} 2 20.9 257°.96 3°.8/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 38.36	+16 48.6	2.041	2.829	14.1	21.2
1 22	10 35.39	+18 4.8	1.942	2.815	11.1	21.0
2 1	10 30.01	+19 32.4	1.866	2.802	7.8	20.7
2 11	10 22.64	+21 4.6	1.818	2.788	4.6	20.5
2 21	10 14.04	+22 32.7	1.798	2.773	4.1	20.5
3 2	10 5.21	+23 48.6	1.807	2.759	7.1	20.6
3 12	9 57.25	+24 46.1	1.843	2.744	10.7	20.8
3 22	9 51.07	+25 22.4	1.903	2.729	14.0	21.0

454011 2012 DX_{39} 2 20.9 332.°72 2.°8/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.88	+ 2 21.5	1.531	2.299	18.8	21.3
1 22	10 34.04	+ 2 15.3	1.436	2.289	15.6	21.0
2 1	10 29.41	+ 2 30.4	1.361	2.280	11.5	20.8
2 11	10 22.45	+ 3 6.0	1.308	2.272	7.0	20.5
2 21	10 14.04	+ 3 58.3	1.280	2.264	3.0	20.2
3 2	10 5.41	+ 5 0.6	1.278	2.257	5.2	20.3
3 12	9 57.89	+ 6 4.3	1.302	2.251	9.9	20.6
3 22	9 52.54	+ 7 1.6	1.349	2.245	14.4	20.8

286225 2001 UJ_{132} 2 20.9 72.°23 5.°3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.86	+21 40.8	1.750	2.547	15.7	20.7
1 22	10 39.00	+22 49.9	1.691	2.567	12.4	20.5
2 1	10 32.39	+24 3.6	1.654	2.586	8.8	20.4
2 11	10 23.73	+25 13.0	1.643	2.606	5.9	20.2
2 21	10 14.04	+26 9.4	1.659	2.626	5.7	20.3
3 2	10 4.57	+26 46.4	1.703	2.645	8.3	20.4
3 12	9 56.49	+27 1.1	1.773	2.665	11.5	20.7
3 22	9 50.63	+26 54.2	1.865	2.684	14.5	20.9

141412 2002 AW_{184} 2 20.9 66.°13 1.°5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.98	+12 12.0	2.311	3.085	13.1	19.9
1 22	10 32.93	+13 1.3	2.227	3.092	10.3	19.7
2 1	10 27.91	+14 1.1	2.166	3.099	7.0	19.6
2 11	10 21.39	+15 6.7	2.132	3.106	3.5	19.3
2 21	10 14.05	+16 12.3	2.128	3.114	1.7	19.2
3 2	10 6.70	+17 12.0	2.153	3.121	4.7	19.4
3 12	10 0.17	+18 1.1	2.207	3.129	8.1	19.7
3 22	9 55.12	+18 36.8	2.286	3.136	11.1	19.9

15471 1999 BE_5 2 20.9 320.°43 4.°7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.47	+16 59.8	1.649	2.454	16.1	17.8
1 22	10 34.43	+18 30.9	1.564	2.447	12.7	17.6
2 1	10 29.61	+20 15.8	1.502	2.441	8.9	17.3
2 11	10 22.52	+22 5.5	1.465	2.435	5.5	17.1
2 21	10 14.05	+23 48.9	1.455	2.429	5.2	17.1
3 2	10 5.41	+25 15.4	1.473	2.423	8.5	17.2
3 12	9 57.91	+26 17.5	1.515	2.418	12.5	17.5
3 22	9 52.56	+26 53.0	1.580	2.413	16.1	17.7

382294 2012 UN_{160} 2 20.9 291.°69 3.°3/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.07	+19 7.6	2.243	3.026	13.1	20.8
1 22	10 36.38	+19 40.9	2.147	3.017	10.4	20.6
2 1	10 30.46	+20 19.5	2.075	3.007	7.3	20.4
2 11	10 22.77	+20 58.2	2.029	2.998	4.3	20.2
2 21	10 14.07	+21 31.3	2.012	2.989	3.5	20.1
3 2	10 5.28	+21 53.6	2.024	2.980	6.1	20.3
3 12	9 57.39	+22 2.0	2.064	2.972	9.3	20.5
3 22	9 51.17	+21 55.3	2.128	2.963	12.4	20.6

471686 2012 TH_{211} 2 20.9 105.°90 4.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.80	+22 9.2	2.437	3.219	12.2	21.5
1 22	10 36.63	+22 56.0	2.362	3.229	9.7	21.3
2 1	10 30.40	+23 45.4	2.310	3.239	6.9	21.2
2 11	10 22.63	+24 31.7	2.287	3.249	4.5	21.1
2 21	10 14.07	+25 9.3	2.292	3.259	4.3	21.0
3 2	10 5.57	+25 33.9	2.326	3.269	6.4	21.2
3 12	9 58.02	+25 42.9	2.389	3.278	9.1	21.4
3 22	9 52.06	+25 36.3	2.475	3.288	11.6	21.6

167670 2004 EM_{85} 2 20.9 68.°66 1.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.12	+ 0 43.7	2.211	2.946	14.7	19.9
1 22	10 32.27	+ 1 27.3	2.128	2.961	12.0	19.7
2 1	10 27.46	+ 2 29.6	2.066	2.976	8.7	19.5
2 11	10 21.17	+ 3 47.8	2.029	2.992	5.0	19.3
2 21	10 14.08	+ 5 16.7	2.022	3.007	1.9	19.1
3 2	10 7.01	+ 6 49.4	2.045	3.023	3.6	19.3
3 12	10 0.77	+ 8 18.9	2.097	3.038	7.2	19.5
3 22	9 56.02	+ 9 39.3	2.176	3.054	10.5	19.8

470477 2008 AS_{115} 2 20.9 302.°21 1.°7/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.24	+12 33.7	2.402	3.175	12.6	21.5
1 22	10 32.36	+13 24.9	2.306	3.171	10.0	21.3
2 1	10 27.56	+14 26.7	2.235	3.168	6.8	21.1
2 11	10 21.26	+15 34.4	2.190	3.164	3.5	20.8
2 21	10 14.08	+16 42.5	2.175	3.160	1.8	20.7
3 2	10 6.82	+17 45.1	2.190	3.157	4.7	20.9
3 12	10 0.30	+18 37.2	2.233	3.153	8.1	21.1
3 22	9 55.18	+19 15.7	2.302	3.150	11.1	21.3

327973 2007 FM_{22} 2 20.9 207.°36 3.°3/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.79	− 2 57.2	2.310	3.019	14.8	21.1
1 22	10 33.66	− 2 40.0	2.204	3.015	12.4	21.0
2 1	10 28.51	− 2 3.2	2.119	3.011	9.5	20.7
2 11	10 21.78	− 1 7.5	2.058	3.007	6.2	20.5
2 21	10 14.08	+ 0 4.0	2.025	3.002	3.6	20.4
3 2	10 6.25	+ 1 26.1	2.023	2.997	4.2	20.4
3 12	9 59.15	+ 2 52.1	2.049	2.992	7.3	20.6
3 22	9 53.50	+ 4 15.2	2.103	2.986	10.6	20.8

338409 2003 BQ_{29} 2 20.9 105.°64 2.°6/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 39.74	+ 1 22.5	2.559	3.275	13.4	20.8
1 22	10 35.57	+ 1 7.5	2.469	3.288	11.0	20.6
2 1	10 29.57	+ 1 5.5	2.401	3.302	8.2	20.5
2 11	10 22.20	+ 1 15.4	2.360	3.314	5.1	20.3
2 21	10 14.09	+ 1 35.2	2.348	3.327	2.8	20.2
3 2	10 5.99	+ 2 1.9	2.365	3.339	3.7	20.2
3 12	9 58.66	+ 2 31.4	2.413	3.352	6.5	20.4
3 22	9 52.71	+ 3 0.2	2.487	3.364	9.4	20.6

132038 2002 CV_{128} 2 20.9 265.°22 0.°1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.04	+ 8 7.4	1.637	2.413	17.5	20.8
1 22	10 37.24	+ 8 30.4	1.540	2.403	14.1	20.5
2 1	10 31.59	+ 9 11.0	1.462	2.392	10.0	20.3
2 11	10 23.58	+10 5.6	1.409	2.382	5.2	20.0
2 21	10 14.08	+11 7.9	1.382	2.371	0.1	19.5
3 2	10 4.33	+12 10.0	1.384	2.360	5.3	19.9
3 12	9 55.69	+13 4.1	1.411	2.350	10.3	20.2
3 22	9 49.20	+13 44.7	1.463	2.339	14.8	20.4

237652 2001 SE_{164} 2 20.9 158.°46 4.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 35.95	− 9 13.1	3.079	3.731	12.5	20.9
1 22	10 32.36	− 9 14.0	2.975	3.737	10.7	20.8
2 1	10 27.25	− 8 58.2	2.892	3.744	8.6	20.7
2 11	10 21.00	− 8 25.7	2.834	3.749	6.5	20.5
2 21	10 14.09	− 7 37.8	2.804	3.755	4.8	20.4
3 2	10 7.14	− 6 37.3	2.803	3.759	4.6	20.4
3 12	10 0.75	− 5 28.7	2.833	3.764	6.1	20.5
3 22	9 55.46	− 4 16.8	2.891	3.767	8.2	20.7

448443 2009 YL_{24} 2 20.9 55.°11 2.°1/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 47.39	+ 5 48.1	1.128	1.913	23.2	21.4
1 22	10 43.49	+ 5 28.9	1.078	1.943	18.7	21.2
2 1	10 35.92	+ 5 31.4	1.045	1.973	13.3	20.9
2 11	10 25.63	+ 5 52.4	1.034	2.003	7.3	20.7
2 21	10 14.08	+ 6 25.6	1.047	2.034	2.2	20.5
3 2	10 3.04	+ 7 3.2	1.085	2.064	5.8	20.8
3 12	9 54.11	+ 7 37.0	1.148	2.095	11.1	21.2
3 22	9 48.23	+ 8 1.6	1.233	2.126	15.7	21.6

360405 2002 GP_{27} 2 20.9 317.°98 0.°3/21.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 37.30	+ 7 38.7	1.392	2.184	19.3	21.9
1 22	10 35.57	+ 7 52.4	1.299	2.171	15.6	21.6
2 1	10 30.73	+ 8 26.1	1.225	2.158	11.1	21.3
2 11	10 23.25	+ 9 16.5	1.173	2.146	5.8	21.0
2 21	10 14.08	+10 17.1	1.146	2.135	0.3	20.5
3 2	10 4.63	+11 19.2	1.145	2.124	5.8	20.9
3 12	9 56.43	+12 13.6	1.169	2.114	11.3	21.2
3 22	9 50.67	+12 53.9	1.215	2.104	16.2	21.4

48350 6221 P–L 2 20.9 295.°33 1.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.72	+13 37.2	1.622	2.408	17.2	19.0
1 22	10 39.39	+13 49.8	1.528	2.399	13.7	18.7
2 1	10 33.08	+14 13.5	1.456	2.391	9.6	18.4
2 11	10 24.33	+14 43.6	1.408	2.382	4.9	18.1
2 21	10 14.09	+15 13.7	1.386	2.374	1.8	17.9
3 2	10 3.70	+15 37.1	1.393	2.365	6.0	18.2
3 12	9 54.54	+15 48.9	1.425	2.357	10.8	18.4
3 22	9 47.69	+15 46.5	1.481	2.349	15.1	18.6

331988 2005 EC_{262} 2 20.9 118.°64 1.°8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.53	+ 4 9.0	2.334	3.068	14.1	21.1
1 22	10 36.42	+ 4 2.2	2.244	3.078	11.4	20.9
2 1	10 30.28	+ 4 8.3	2.176	3.087	8.3	20.7
2 11	10 22.61	+ 4 25.5	2.134	3.096	4.8	20.5
2 21	10 14.10	+ 4 51.1	2.120	3.105	1.9	20.3
3 2	10 5.59	+ 5 21.2	2.137	3.114	3.7	20.5
3 12	9 57.93	+ 5 51.7	2.183	3.123	7.1	20.7
3 22	9 51.80	+ 6 18.6	2.256	3.131	10.3	20.9

253978 2004 ED_{28} 2 20.9 133.°25 0.°8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.36	+ 5 12.8	2.374	3.109	13.8	21.0
1 22	10 36.99	+ 5 42.2	2.289	3.127	11.1	20.9
2 1	10 30.63	+ 6 25.5	2.227	3.143	7.8	20.7
2 11	10 22.78	+ 7 19.5	2.191	3.159	4.2	20.5
2 21	10 14.11	+ 8 19.7	2.186	3.174	0.8	20.2
3 2	10 5.48	+ 9 20.8	2.211	3.188	3.6	20.5
3 12	9 57.71	+10 17.4	2.267	3.201	7.2	20.7
3 22	9 51.47	+11 5.7	2.349	3.214	10.3	20.9

38720 2000 QB_{128} 2 20.9 104.°43 2.°2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.87	+ 1 40.3	1.673	2.423	18.2	19.1
1 22	10 36.75	+ 2 0.0	1.592	2.434	14.8	18.9
2 1	10 30.98	+ 2 41.7	1.530	2.445	10.8	18.6
2 11	10 23.13	+ 3 42.8	1.492	2.456	6.3	18.4
2 21	10 14.11	+ 4 57.9	1.481	2.467	2.4	18.2
3 2	10 5.08	+ 6 19.0	1.498	2.477	4.7	18.3
3 12	9 57.23	+ 7 37.4	1.543	2.487	9.1	18.6
3 22	9 51.46	+ 8 46.1	1.612	2.497	13.1	18.9

381992 2010 JU_{177} 2 20.9 82°.45 1°.1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.09	+10 2.7	2.214	2.983	13.7	20.2
1 22	10 33.13	+10 58.6	2.129	2.990	10.8	20.0
2 1	10 28.12	+12 7.6	2.066	2.998	7.4	19.8
2 11	10 21.56	+13 24.7	2.031	3.005	3.7	19.6
2 21	10 14.12	+14 43.7	2.025	3.013	1.2	19.4
3 2	10 6.65	+15 57.9	2.049	3.020	4.6	19.7
3 12	10 0.03	+17 1.6	2.102	3.028	8.2	19.9
3 22	9 54.94	+17 51.1	2.180	3.035	11.4	20.1

109638 2001 QV_{330} 2 20.9 119°.79 1°.1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.47	+10 45.9	2.477	3.241	12.6	20.5
1 22	10 33.18	+11 34.6	2.390	3.248	9.9	20.3
2 1	10 28.03	+12 34.1	2.326	3.256	6.8	20.1
2 11	10 21.46	+13 40.2	2.290	3.263	3.4	19.9
2 21	10 14.12	+14 47.5	2.283	3.270	1.2	19.7
3 2	10 6.75	+15 50.5	2.307	3.277	4.2	20.0
3 12	10 0.14	+16 44.5	2.360	3.284	7.5	20.2
3 22	9 54.91	+17 26.3	2.439	3.290	10.5	20.4

152701 1998 RF_{69} 2 20.9 206°.19 1°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.37	+ 4 18.0	1.961	2.704	16.1	21.3
1 22	10 38.54	+ 4 44.5	1.857	2.698	13.1	21.1
2 1	10 32.20	+ 5 29.2	1.774	2.692	9.4	20.8
2 11	10 23.80	+ 6 29.6	1.717	2.684	5.2	20.5
2 21	10 14.12	+ 7 40.6	1.688	2.676	1.2	20.2
3 2	10 4.22	+ 8 55.3	1.689	2.667	4.4	20.5
3 12	9 55.24	+10 6.3	1.719	2.656	8.8	20.7
3 22	9 48.11	+11 7.4	1.775	2.645	12.8	20.9

151137 2001 XH_{37} 2 20.9 31°.45 7°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.95	− 3 29.6	1.480	2.214	20.8	19.1
1 22	10 38.72	− 4 48.9	1.407	2.227	17.7	18.9
2 1	10 32.51	− 5 46.9	1.352	2.241	14.0	18.7
2 11	10 23.97	− 6 20.5	1.318	2.256	10.2	18.5
2 21	10 14.12	− 6 29.1	1.309	2.271	7.5	18.4
3 2	10 4.31	− 6 15.3	1.325	2.288	7.7	18.5
3 12	9 55.90	− 5 45.5	1.366	2.305	10.5	18.7
3 22	9 49.85	− 5 7.7	1.430	2.322	14.0	18.9

425251 2009 WK_{62} 2 20.9 91°.34 4°.7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.53	+20 46.8	1.985	2.777	14.3	21.6
1 22	10 36.95	+21 56.3	1.914	2.788	11.2	21.4
2 1	10 30.93	+23 11.5	1.866	2.799	8.0	21.3
2 11	10 23.03	+24 24.5	1.845	2.809	5.2	21.1
2 21	10 14.13	+25 27.4	1.852	2.820	5.0	21.1
3 2	10 5.29	+26 13.8	1.887	2.831	7.5	21.3
3 12	9 57.57	+26 40.0	1.949	2.841	10.7	21.5
3 22	9 51.78	+26 45.7	2.034	2.851	13.6	21.7

369062 2008 ER_{29} 2 20.9 11°.32 5°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 34.38	− 6 20.8	1.667	2.391	19.2	20.5
1 22	10 32.55	− 6 10.8	1.576	2.391	16.3	20.3
2 1	10 28.18	− 5 32.1	1.502	2.393	12.8	20.0
2 11	10 21.76	− 4 24.3	1.450	2.394	8.9	19.8
2 21	10 14.13	− 2 50.9	1.424	2.396	5.6	19.6
3 2	10 6.37	− 0 59.2	1.425	2.398	5.8	19.6
3 12	9 59.65	+ 0 59.6	1.452	2.401	9.1	19.8
3 22	9 54.87	+ 2 54.7	1.505	2.404	13.0	20.1

126033 2001 YG_{67} 2 20.9 193°.41 0°.9/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.85	+10 43.1	1.852	2.619	16.1	20.0
1 22	10 39.81	+11 7.5	1.759	2.618	12.8	19.8
2 1	10 33.10	+11 45.1	1.687	2.616	8.9	19.5
2 11	10 24.25	+12 31.5	1.640	2.613	4.5	19.3
2 21	10 14.13	+13 20.7	1.622	2.610	0.9	19.0
3 2	10 3.89	+14 6.1	1.633	2.607	5.2	19.3
3 12	9 54.74	+14 41.9	1.672	2.603	9.6	19.5
3 22	9 47.63	+15 4.9	1.736	2.598	13.5	19.8

384553 2010 ES_{157} 2 20.9 245°.43 2°.3/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 36.99	+15 32.7	2.556	3.330	11.9	20.9
1 22	10 33.65	+16 18.5	2.458	3.323	9.4	20.7
2 1	10 28.41	+17 12.0	2.383	3.316	6.5	20.5
2 11	10 21.70	+18 8.7	2.337	3.309	3.5	20.3
2 21	10 14.13	+19 3.4	2.320	3.302	2.4	20.2
3 2	10 6.47	+19 50.9	2.333	3.294	5.0	20.3
3 12	9 59.51	+20 27.1	2.375	3.287	8.1	20.5
3 22	9 53.93	+20 50.0	2.442	3.279	11.0	20.7

53031 1998 WE_{7} 2 20.9 285°.44 9°.5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 42.84	+31 19.8	1.728	2.532	15.6	18.1
1 22	10 39.84	+33 3.0	1.648	2.518	13.0	17.9
2 1	10 33.62	+34 46.7	1.590	2.503	10.7	17.7
2 11	10 24.70	+36 18.9	1.557	2.489	9.5	17.6
2 21	10 14.13	+37 27.8	1.550	2.474	10.3	17.6
3 2	10 3.37	+38 4.9	1.567	2.459	12.6	17.7
3 12	9 53.97	+38 7.5	1.607	2.445	15.5	17.8
3 22	9 47.13	+37 38.1	1.665	2.430	18.3	18.0

501456 2014 AK_{43} 2 20.9 39°.65 5°.3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 35.26	+19 2.5	1.932	2.734	14.3	20.1
1 22	10 32.92	+21 10.7	1.868	2.748	11.1	19.9
2 1	10 28.22	+23 28.1	1.828	2.764	7.9	19.8
2 11	10 21.69	+25 44.5	1.817	2.779	5.5	19.7
2 21	10 14.14	+27 48.9	1.835	2.796	5.9	19.7
3 2	10 6.58	+29 32.2	1.881	2.812	8.5	19.9
3 12	10 0.06	+30 49.0	1.954	2.829	11.5	20.1
3 22	9 55.35	+31 38.4	2.050	2.846	14.2	20.3

147327 2003 BH_{30} 2 20.9 210°.64 2°.9/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 43.44	+ 2 10.7	2.209	2.932	15.1	20.5
1 22	10 39.02	+ 1 45.5	2.103	2.927	12.5	20.3
2 1	10 32.32	+ 1 33.7	2.018	2.921	9.3	20.1
2 11	10 23.78	+ 1 35.1	1.959	2.915	5.8	19.8
2 21	10 14.14	+ 1 47.8	1.928	2.909	3.1	19.7
3 2	10 4.34	+ 2 8.8	1.928	2.902	4.4	19.7
3 12	9 55.37	+ 2 33.8	1.956	2.895	7.8	19.9
3 22	9 48.06	+ 2 58.4	2.011	2.887	11.3	20.1

461734 2005 TO_{166} 2 20.9 102°.57 1°.0/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 41.33	+11 30.1	1.941	2.712	15.3	22.1
1 22	10 37.52	+11 55.0	1.860	2.722	12.1	21.9
2 1	10 31.30	+12 31.3	1.800	2.731	8.3	21.6
2 11	10 23.23	+13 14.5	1.767	2.740	4.2	21.4
2 21	10 14.15	+13 59.0	1.762	2.750	1.1	21.2
3 2	10 5.09	+14 38.8	1.786	2.759	4.9	21.5
3 12	9 57.13	+15 9.2	1.838	2.767	8.9	21.7
3 22	9 51.05	+15 27.3	1.914	2.776	12.5	22.0

361625 2007 TP_{142} 2 20.9 106°.91 4°.2/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 48.18	+20 0.2	1.790	2.572	16.0	21.0
1 22	10 43.11	+20 42.6	1.723	2.591	12.6	20.8
2 1	10 35.21	+21 30.1	1.679	2.610	8.8	20.6
2 11	10 25.20	+22 15.2	1.660	2.628	5.3	20.4
2 21	10 14.15	+22 50.4	1.670	2.645	4.4	20.4
3 2	10 3.33	+23 9.9	1.709	2.662	7.2	20.6
3 12	9 53.97	+23 11.2	1.774	2.679	10.8	20.9
3 22	9 46.91	+22 55.0	1.863	2.695	14.1	21.1

97865 2000 QK_{29} 2 20.9 224°.99 1°.4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 44.04	+12 10.1	1.885	2.655	15.7	20.2
1 22	10 40.03	+12 36.4	1.784	2.646	12.6	19.9
2 1	10 33.33	+13 14.9	1.705	2.636	8.8	19.7
2 11	10 24.42	+14 1.0	1.652	2.625	4.5	19.4
2 21	10 14.16	+14 48.5	1.627	2.614	1.5	19.1
3 2	10 3.68	+15 30.9	1.631	2.603	5.5	19.4
3 12	9 54.23	+16 2.6	1.663	2.590	9.9	19.6
3 22	9 46.79	+16 20.3	1.720	2.578	13.8	19.8

253083 2002 TH_{212} 2 20.9 51°.67 10°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 45.42	+32 12.4	1.495	2.304	17.3	19.3
1 22	10 41.93	+33 51.8	1.446	2.317	14.3	19.1
2 1	10 34.92	+35 26.5	1.418	2.331	11.7	19.0
2 11	10 25.21	+36 43.4	1.413	2.345	10.2	19.0
2 21	10 14.15	+37 31.5	1.433	2.360	10.8	19.0
3 2	10 3.42	+37 44.7	1.478	2.374	12.9	19.2
3 12	9 54.59	+37 23.2	1.544	2.389	15.6	19.4
3 22	9 48.63	+36 32.4	1.629	2.404	18.2	19.6

437617 2014 BX_{19} 2 20.9 213°.30 1°.6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 39.69	+ 4 31.5	2.928	3.650	11.7	21.3
1 22	10 35.41	+ 4 20.5	2.818	3.645	9.5	21.1
2 1	10 29.45	+ 4 19.2	2.731	3.639	7.0	20.9
2 11	10 22.19	+ 4 26.5	2.671	3.633	4.1	20.7
2 21	10 14.17	+ 4 40.4	2.642	3.626	1.7	20.5
3 2	10 6.05	+ 4 58.3	2.644	3.620	3.2	20.6
3 12	9 58.54	+ 5 17.2	2.675	3.613	6.1	20.8
3 22	9 52.21	+ 5 34.2	2.735	3.605	8.9	21.0

332881 2011 AQ_{41} 2 20.9 232°.27 2°.8/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 40.95	+16 8.1	1.991	2.773	14.6	21.5
1 22	10 37.37	+16 48.9	1.900	2.769	11.5	21.3
2 1	10 31.32	+17 38.6	1.831	2.765	8.0	21.1
2 11	10 23.32	+18 31.5	1.788	2.760	4.4	20.9
2 21	10 14.17	+19 20.9	1.774	2.756	3.0	20.8
3 2	10 4.93	+20 0.6	1.788	2.751	6.1	20.9
3 12	9 56.70	+20 25.9	1.830	2.746	9.9	21.1
3 22	9 50.34	+20 34.9	1.896	2.741	13.3	21.4

79871 1998 YT_{7} 2 20.9 34°.44 10°.9/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 56.38	+37 54.1	1.650	2.432	17.1	17.7
1 22	10 50.47	+38 50.2	1.589	2.436	14.6	17.6
2 1	10 40.75	+39 35.8	1.547	2.440	12.3	17.4
2 11	10 28.14	+39 58.9	1.530	2.445	11.0	17.3
2 21	10 14.17	+39 50.2	1.537	2.450	11.3	17.4
3 2	10 0.71	+39 5.9	1.569	2.455	13.0	17.5
3 12	9 49.47	+37 48.6	1.625	2.460	15.5	17.7
3 22	9 41.45	+36 5.9	1.701	2.466	18.0	17.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
467528 2007 MN_{27}			2 20.9 115°.12		3°.7/25.2 18	
	h m	° ′			°	m
1 12	10 36.20	− 4 36.9	2.474	3.170	14.3	21.5
1 22	10 32.94	− 4 26.0	2.381	3.181	12.0	21.3
2 1	10 27.87	− 3 56.7	2.308	3.191	9.2	21.2
2 11	10 21.41	− 3 9.5	2.261	3.202	6.3	21.0
2 21	10 14.19	− 2 7.3	2.241	3.212	4.0	20.9
3 2	10 6.93	− 0 54.5	2.251	3.222	4.2	20.9
3 12	10 0.42	+ 0 22.9	2.290	3.232	6.7	21.1
3 22	9 55.25	+ 1 39.0	2.357	3.241	9.6	21.2
245948 2006 SJ_{19}			2 20.9 144°.10		7°.6/ 3.6 18	
1 12	10 37.58	−22 56.0	3.400	3.934	13.0	21.1
1 22	10 33.61	−23 34.0	3.302	3.946	11.8	21.0
2 1	10 28.12	−23 53.7	3.221	3.958	10.5	20.9
2 11	10 21.48	−23 52.9	3.161	3.969	9.2	20.8
2 21	10 14.19	−23 30.9	3.124	3.979	8.1	20.7
3 2	10 6.85	−22 48.6	3.114	3.989	7.6	20.7
3 12	10 0.07	−21 49.2	3.130	3.998	7.8	20.7
3 22	9 54.37	−20 37.4	3.173	4.007	8.8	20.8
61746 2000 QB_{155}			2 20.9 306°.03		5°.5/26.3 18	
1 12	10 34.31	− 7 46.5	1.835	2.542	18.2	19.2
1 22	10 32.36	− 7 39.4	1.731	2.534	15.6	19.0
2 1	10 28.01	− 7 5.0	1.645	2.525	12.5	18.7
2 11	10 21.71	− 6 1.9	1.581	2.517	9.0	18.5
2 21	10 14.19	− 4 32.3	1.542	2.509	6.0	18.3
3 2	10 6.44	− 2 42.5	1.531	2.502	5.9	18.3
3 12	9 59.58	− 0 42.2	1.548	2.494	8.9	18.4
3 22	9 54.51	+ 1 17.9	1.590	2.487	12.6	18.6
200671 2001 TE_{127}			2 20.9 242°.84		3°.1/23.4 18	
1 12	10 39.91	+ 0 23.4	1.701	2.444	18.2	20.9
1 22	10 37.04	+ 0 25.8	1.598	2.435	15.1	20.7
2 1	10 31.44	+ 0 50.1	1.515	2.424	11.3	20.4
2 11	10 23.54	+ 1 36.0	1.454	2.414	7.0	20.1
2 21	10 14.19	+ 2 40.0	1.420	2.403	3.4	19.9
3 2	10 4.53	+ 3 55.3	1.414	2.392	5.1	20.0
3 12	9 55.88	+ 5 13.4	1.435	2.380	9.5	20.2
3 22	9 49.27	+ 6 26.1	1.480	2.368	13.9	20.4
89087 2001 TS_{174}			2 20.9 37°.52		6°.7/15.6 18	
1 12	10 42.34	+24 46.9	1.661	2.466	16.1	18.8
1 22	10 39.05	+25 59.3	1.591	2.469	12.9	18.6
2 1	10 32.76	+27 15.0	1.543	2.473	9.5	18.4
2 11	10 24.12	+28 24.0	1.520	2.477	7.1	18.3
2 21	10 14.19	+29 16.8	1.524	2.482	7.2	18.3
3 2	10 4.34	+29 46.0	1.554	2.487	9.8	18.5
3 12	9 55.92	+29 48.9	1.608	2.491	13.0	18.7
3 22	9 49.88	+29 27.0	1.683	2.496	16.2	18.9
383681 2007 TV_{243}			2 20.9 106°.23		3°.7/17.6 18	
1 12	10 43.46	+21 44.9	2.401	3.178	12.5	21.1
1 22	10 38.73	+22 16.5	2.324	3.189	9.9	20.9
2 1	10 31.87	+22 50.4	2.271	3.200	7.0	20.7
2 11	10 23.43	+23 21.2	2.246	3.211	4.4	20.6
2 21	10 14.20	+23 43.9	2.250	3.221	3.9	20.6
3 2	10 5.07	+23 54.3	2.283	3.232	6.1	20.7
3 12	9 56.94	+23 50.6	2.345	3.242	8.9	20.9
3 22	9 50.49	+23 32.9	2.432	3.252	11.5	21.1
464294 2016 AL_{93}			2 20.9 355°.36		2°.6/19.0 18	
1 12	10 35.61	+12 10.0	1.362	2.171	18.7	21.0
1 22	10 34.20	+13 5.4	1.283	2.168	14.8	20.7
2 1	10 29.71	+14 19.3	1.224	2.165	10.2	20.5
2 11	10 22.71	+15 44.3	1.187	2.163	5.2	20.2
2 21	10 14.20	+17 10.2	1.177	2.162	2.9	20.0
3 2	10 5.58	+18 25.9	1.192	2.162	7.2	20.3
3 12	9 58.33	+19 22.7	1.231	2.163	12.2	20.6
3 22	9 53.53	+19 56.5	1.292	2.164	16.6	20.8
490048 2008 TH_{65}			2 20.9 223°.22		0°.4/21.3 18	
1 12	10 45.39	+ 8 17.7	1.799	2.557	16.8	21.9
1 22	10 41.25	+ 8 23.8	1.695	2.547	13.6	21.7
2 1	10 34.29	+ 8 44.2	1.613	2.537	9.7	21.4
2 11	10 24.98	+ 9 16.1	1.556	2.527	5.1	21.1
2 21	10 14.20	+ 9 54.6	1.526	2.515	0.4	20.7
3 2	10 3.16	+10 33.7	1.526	2.503	4.9	21.0
3 12	9 53.18	+11 7.5	1.554	2.490	9.7	21.3
3 22	9 45.30	+11 31.4	1.606	2.476	14.0	21.5
489624 2007 TE_{318}			2 20.9 112°.30		0°.7/21.6 18	
1 12	10 42.72	+ 5 53.7	1.861	2.614	16.5	22.7
1 22	10 38.66	+ 6 16.2	1.784	2.632	13.2	22.5
2 1	10 32.11	+ 6 55.0	1.727	2.649	9.3	22.3
2 11	10 23.66	+ 7 46.5	1.696	2.666	5.0	22.1
2 21	10 14.21	+ 8 45.2	1.693	2.682	0.8	21.8
3 2	10 4.82	+ 9 44.5	1.720	2.697	4.4	22.1
3 12	9 56.59	+10 37.9	1.775	2.712	8.6	22.4
3 22	9 50.32	+11 20.9	1.855	2.727	12.3	22.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
523523 2017 OR_{45}			2 21.0 299°.10		5°.2/25.0 17	
	h m	° ′			°	m
1 22	10 34.74	− 3 56.1	1.739	2.556	15.0	20.6
2 1	10 29.76	− 4 3.8	1.647	2.539	11.8	20.3
2 11	10 22.67	− 3 49.6	1.578	2.521	8.3	20.1
2 21	10 14.22	− 3 14.3	1.534	2.504	5.5	19.9
3 2	10 5.42	− 2 21.5	1.517	2.487	5.9	19.9
3 12	9 57.46	− 1 17.9	1.526	2.470	9.2	20.0
3 22	9 51.31	− 0 11.0	1.561	2.453	13.0	20.2
4 1	9 47.69	+ 0 51.7	1.616	2.437	16.5	20.4
43933 1996 RX_{9}			2 21.0 94°.00		0°.1/20.9 18	
1 22	10 35.69	+ 8 31.5	1.797	2.655	12.6	19.2
2 1	10 30.14	+ 9 18.7	1.734	2.662	8.8	19.0
2 11	10 22.71	+10 17.3	1.696	2.669	4.5	18.8
2 21	10 14.23	+11 21.1	1.687	2.675	0.2	18.4
3 2	10 5.72	+12 23.2	1.706	2.682	4.6	18.8
3 12	9 58.25	+13 17.3	1.753	2.689	8.8	19.1
3 22	9 52.63	+13 59.1	1.825	2.695	12.6	19.3
4 1	9 49.38	+14 26.1	1.918	2.701	15.6	19.5
335999 2007 TY_{355}			2 21.0 77°.71		0°.6/20.4 18	
1 22	10 33.78	+ 9 20.7	2.177	3.033	10.9	20.6
2 1	10 28.49	+10 25.2	2.126	3.054	7.5	20.4
2 11	10 21.74	+11 38.1	2.101	3.074	3.7	20.2
2 21	10 14.23	+12 53.4	2.107	3.095	0.6	20.0
3 2	10 6.78	+14 4.9	2.142	3.115	4.1	20.3
3 12	10 0.22	+15 7.2	2.206	3.136	7.7	20.5
3 22	9 55.17	+15 56.8	2.297	3.156	10.8	20.8
4 1	9 52.06	+16 32.0	2.409	3.176	13.3	21.0
306374 3362 T_{-3}			2 21.0 58°.55		2°.2/19.5 18	
1 22	10 39.54	+13 52.8	1.337	2.214	14.9	20.5
2 1	10 33.13	+14 37.9	1.293	2.231	10.2	20.3
2 11	10 24.31	+15 29.5	1.273	2.248	5.2	20.0
2 21	10 14.23	+16 19.2	1.278	2.265	2.4	19.9
3 2	10 4.36	+16 58.9	1.311	2.282	6.5	20.2
3 12	9 56.10	+17 23.2	1.369	2.300	11.2	20.5
3 22	9 50.39	+17 30.1	1.449	2.318	15.3	20.8
4 1	9 47.71	+17 20.0	1.548	2.335	18.6	21.0
305629 2009 BM_{8}			2 21.0 55°.06		0°.4/21.3 18	
1 22	10 37.85	+ 7 5.0	1.235	2.104	16.4	20.7
2 1	10 32.04	+ 7 51.2	1.192	2.124	11.5	20.4
2 11	10 23.78	+ 8 53.6	1.171	2.144	6.0	20.2
2 21	10 14.25	+10 4.0	1.175	2.164	0.4	19.8
3 2	10 4.92	+11 12.5	1.206	2.185	5.5	20.3
3 12	9 57.20	+12 10.6	1.262	2.206	10.7	20.6
3 22	9 52.06	+12 52.7	1.341	2.227	15.2	20.9
4 1	9 49.97	+13 16.9	1.438	2.248	18.7	21.2
374068 2004 RE_{70}			2 21.0 145°.37		0°.5/20.5 18	
1 22	10 39.00	+ 9 16.2	1.794	2.649	12.8	21.7
2 1	10 32.44	+10 12.1	1.733	2.660	8.9	21.5
2 11	10 23.90	+11 18.5	1.697	2.670	4.5	21.3
2 21	10 14.25	+12 29.0	1.690	2.679	0.6	21.0
3 2	10 4.61	+13 36.0	1.713	2.688	4.9	21.3
3 12	9 56.09	+14 33.0	1.765	2.695	9.1	21.6
3 22	9 49.53	+15 15.9	1.841	2.703	12.9	21.8
4 1	9 45.46	+15 43.1	1.938	2.709	16.0	22.1
104619 2000 GJ_{110}			2 21.0 45°.10		4°.6/25.6 18	
1 22	10 32.65	− 5 16.2	1.963	2.770	13.9	19.5
2 1	10 27.94	− 4 55.4	1.891	2.776	10.8	19.3
2 11	10 21.57	− 4 12.9	1.843	2.783	7.6	19.1
2 21	10 14.26	− 3 11.3	1.821	2.790	5.0	18.9
3 2	10 6.90	− 1 55.5	1.827	2.797	5.1	19.0
3 12	10 0.40	− 0 33.0	1.861	2.805	7.8	19.1
3 22	9 55.50	+ 0 48.9	1.921	2.812	11.0	19.3
4 1	9 52.70	+ 2 3.9	2.004	2.820	13.9	19.6
2561 Margolin			2 21.0 55°.34		0°.5/21.4 18	
1 22	10 36.99	+ 7 0.1	1.369	2.234	15.4	16.9
2 1	10 31.37	+ 7 42.2	1.317	2.247	10.8	16.6
2 11	10 23.45	+ 8 39.6	1.289	2.261	5.7	16.4
2 21	10 14.27	+ 9 45.3	1.287	2.276	0.5	16.0
3 2	10 5.18	+10 50.6	1.312	2.290	5.2	16.4
3 12	9 57.52	+11 47.1	1.363	2.305	10.2	16.7
3 22	9 52.20	+12 29.7	1.436	2.320	14.5	17.0
4 1	9 49.76	+12 55.7	1.530	2.335	18.0	17.3
306222 2011 QX_{49}			2 21.0 229°.06		2°.0/22.4 17	
1 22	10 39.83	+ 4 10.5	1.697	2.538	14.1	21.9
2 1	10 33.32	+ 4 25.3	1.612	2.528	10.3	21.6
2 11	10 24.52	+ 4 55.8	1.553	2.518	6.0	21.3
2 21	10 14.28	+ 5 38.2	1.520	2.506	2.1	21.0
3 2	10 3.76	+ 6 27.0	1.517	2.495	4.7	21.2
3 12	9 54.23	+ 7 15.3	1.541	2.482	9.3	21.4
3 22	9 46.74	+ 7 57.3	1.590	2.469	13.6	21.7
4 1	9 41.98	+ 8 28.8	1.660	2.455	17.2	21.9