173129 1994 JH_2 2 13.9 181.°28 7.°5/ 6.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 17.98	+34 37.5	2.183	3.013	11.8	20.3
1 22	10 10.96	+36 2.0	2.124	3.015	9.5	20.2
2 1	10 1.50	+37 18.0	2.092	3.015	7.8	20.1
2 11	9 50.47	+38 16.6	2.088	3.015	7.7	20.0
2 21	9 39.05	+38 51.5	2.112	3.015	9.2	20.1
3 2	9 28.50	+39 0.0	2.162	3.013	11.4	20.3
3 12	9 19.90	+38 43.5	2.235	3.011	13.7	20.4
3 22	9 13.93	+38 6.0	2.327	3.008	15.8	20.6

264714 2002 BJ_5 2 13.9 31.°52 10.°1/ 6.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 17.69	+37 30.7	1.595	2.438	14.8	20.0
1 22	10 11.31	+38 47.8	1.552	2.445	12.2	19.8
2 1	10 1.85	+39 50.1	1.531	2.452	10.4	19.7
2 11	9 50.54	+40 26.9	1.536	2.459	10.2	19.7
2 21	9 39.00	+40 31.5	1.564	2.467	11.8	19.8
3 2	9 28.88	+40 2.9	1.617	2.476	14.2	20.0
3 12	9 21.45	+39 5.3	1.689	2.484	16.7	20.2
3 22	9 17.31	+37 45.6	1.780	2.494	19.0	20.4

110709 2001 TK_{226} 2 13.9 57.°28 6.°0/ 8.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 11.36	+24 23.4	1.578	2.437	14.0	19.2
1 22	10 6.46	+26 7.1	1.530	2.450	10.4	19.0
2 1	9 58.98	+27 50.8	1.508	2.463	7.1	18.9
2 11	9 49.89	+29 23.1	1.512	2.477	6.1	18.8
2 21	9 40.47	+30 34.7	1.543	2.491	8.2	19.0
3 2	9 32.06	+31 20.0	1.601	2.506	11.6	19.2
3 12	9 25.79	+31 38.2	1.680	2.520	14.8	19.5
3 22	9 22.30	+31 32.3	1.779	2.534	17.6	19.7

463273 2012 GU_{37} 2 13.9 244.°99 6.°7/ 7.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 14.86	+31 54.3	2.248	3.085	11.3	21.8
1 22	10 8.74	+33 13.8	2.170	3.069	8.9	21.6
2 1	10 0.28	+34 28.5	2.118	3.052	7.1	21.5
2 11	9 50.22	+35 30.1	2.094	3.034	6.8	21.4
2 21	9 39.60	+36 11.8	2.098	3.016	8.4	21.5
3 2	9 29.59	+36 29.7	2.130	2.997	10.9	21.6
3 12	9 21.29	+36 23.7	2.185	2.978	13.5	21.7
3 22	9 15.41	+35 56.6	2.259	2.959	15.8	21.9

201944 2004 GW_{19} 2 13.9 259.°88 5.°2/17.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 12.21	− 1 11.6	1.650	2.441	16.7	21.1
1 22	10 7.24	− 1 16.8	1.548	2.421	13.5	20.8
2 1	9 59.65	− 0 58.7	1.468	2.401	9.7	20.6
2 11	9 50.13	− 0 17.1	1.413	2.380	6.2	20.3
2 21	9 39.74	+ 0 44.6	1.385	2.358	5.5	20.2
3 2	9 29.80	+ 1 59.9	1.384	2.336	8.8	20.3
3 12	9 21.60	+ 3 19.9	1.409	2.314	13.1	20.5
3 22	9 16.07	+ 4 36.5	1.456	2.290	17.2	20.7

302081 2000 WC_{180} 2 13.9 94.°08 2.°9/11.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 15.49	+17 36.7	1.649	2.492	14.4	21.3
1 22	10 9.13	+18 46.4	1.602	2.517	10.3	21.1
2 1	10 0.37	+20 1.6	1.580	2.542	6.0	20.9
2 11	9 50.20	+21 13.5	1.585	2.567	3.0	20.8
2 21	9 39.85	+22 14.2	1.620	2.591	5.3	21.0
3 2	9 30.58	+22 58.1	1.683	2.614	9.3	21.2
3 12	9 23.43	+23 23.1	1.770	2.637	12.9	21.5
3 22	9 18.95	+23 30.0	1.878	2.659	15.9	21.8

217071 2001 SN_{142} 2 13.9 223.°64 1.°4/15.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 11.71	+ 7 18.2	2.210	3.018	12.5	21.6
1 22	10 6.15	+ 7 34.3	2.115	3.008	9.4	21.3
2 1	9 58.65	+ 8 2.7	2.045	2.998	5.9	21.1
2 11	9 49.84	+ 8 40.3	2.004	2.986	2.2	20.8
2 21	9 40.54	+ 9 23.2	1.993	2.975	2.8	20.9
3 2	9 31.73	+10 6.5	2.012	2.962	6.6	21.1
3 12	9 24.28	+10 45.8	2.058	2.949	10.2	21.3
3 22	9 18.83	+11 17.6	2.129	2.936	13.4	21.5

129038 2004 UY_4 2 13.9 143.°65 1.°6/15.2 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 15.03	+ 8 10.1	2.408	3.208	11.8	20.4
1 22	10 8.23	+ 7 54.5	2.330	3.218	8.9	20.2
2 1	9 59.67	+ 7 47.5	2.277	3.227	5.5	20.0
2 11	9 50.04	+ 7 47.2	2.255	3.236	2.3	19.8
2 21	9 40.16	+ 7 51.2	2.264	3.244	2.7	19.8
3 2	9 30.90	+ 7 56.8	2.303	3.252	6.0	20.0
3 12	9 23.05	+ 8 1.2	2.371	3.259	9.2	20.3
3 22	9 17.13	+ 8 2.5	2.464	3.266	12.0	20.5

163524 2002 TA_{25} 2 13.9 125.°34 0.°3/13.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 9.41	+12 5.8	2.525	3.346	10.7	21.1
1 22	10 4.12	+12 40.2	2.455	3.359	7.8	20.9
2 1	9 57.27	+13 22.1	2.411	3.371	4.5	20.7
2 11	9 49.48	+14 7.5	2.397	3.383	1.0	20.5
2 21	9 41.47	+14 52.0	2.414	3.395	2.6	20.6
3 2	9 34.00	+15 31.8	2.461	3.406	5.9	20.9
3 12	9 27.78	+16 3.7	2.536	3.417	9.0	21.1
3 22	9 23.27	+16 26.0	2.635	3.427	11.5	21.3

222588 2001 WX_{46} 2 13.9 165.°64 3.°3/16.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.94	+ 1 44.3	2.184	2.973	13.2	20.7
1 22	10 5.50	+ 1 45.4	2.102	2.977	10.3	20.5
2 1	9 58.20	+ 2 2.1	2.043	2.980	7.1	20.3
2 11	9 49.72	+ 2 32.7	2.011	2.983	4.1	20.2
2 21	9 40.88	+ 3 13.9	2.009	2.985	3.7	20.1
3 2	9 32.60	+ 4 0.9	2.037	2.987	6.5	20.3
3 12	9 25.71	+ 4 48.6	2.092	2.989	9.8	20.5
3 22	9 20.79	+ 5 32.5	2.171	2.990	12.8	20.7

162721 2000 UC_{114} 2 13.9 60.°41 0.°3/14.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 12.27	+ 9 47.7	1.368	2.209	16.8	19.7
1 22	10 7.17	+10 23.7	1.313	2.225	12.4	19.5
2 1	9 59.41	+11 15.7	1.280	2.241	7.3	19.2
2 11	9 50.01	+12 16.9	1.273	2.258	1.8	18.9
2 21	9 40.30	+13 19.0	1.292	2.275	3.7	19.1
3 2	9 31.69	+14 14.1	1.338	2.291	8.9	19.4
3 12	9 25.34	+14 56.6	1.408	2.308	13.4	19.7
3 22	9 21.86	+15 23.7	1.499	2.325	17.2	20.0

166987 2003 OW_{28} 2 13.9 191.°25 1.°1/13.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 14.19	+14 13.7	1.887	2.718	13.3	20.7
1 22	10 8.20	+14 49.0	1.808	2.717	9.7	20.5
2 1	9 59.92	+15 32.8	1.754	2.716	5.6	20.2
2 11	9 50.14	+16 19.7	1.729	2.714	1.5	20.0
2 21	9 39.91	+17 3.4	1.732	2.711	3.8	20.1
3 2	9 30.38	+17 38.7	1.765	2.708	8.0	20.4
3 12	9 22.61	+18 2.1	1.824	2.704	11.9	20.6
3 22	9 17.26	+18 12.3	1.906	2.699	15.3	20.8

242405 2004 FY_{136} 2 14.0 235.°83 5.°8/ 6.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.35	+31 53.2	2.676	3.513	9.7	20.6
1 22	10 5.10	+33 16.4	2.605	3.503	7.6	20.4
2 1	9 58.01	+34 35.3	2.561	3.493	6.1	20.3
2 11	9 49.69	+35 43.1	2.546	3.483	6.0	20.3
2 21	9 40.96	+36 34.3	2.561	3.472	7.4	20.4
3 2	9 32.72	+37 5.5	2.602	3.462	9.4	20.5
3 12	9 25.81	+37 16.1	2.667	3.450	11.6	20.6
3 22	9 20.83	+37 7.9	2.753	3.439	13.5	20.8

522212 2016 AO_{263} 2 14.0 292.°05 0.°1/14.0 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 14.47	+13 12.3	1.774	2.606	14.0	21.0
1 22	10 8.62	+13 5.2	1.683	2.592	10.4	20.8
2 1	10 0.29	+13 5.5	1.617	2.577	6.2	20.5
2 11	9 50.26	+13 9.8	1.577	2.563	1.5	20.1
2 21	9 39.63	+13 14.0	1.567	2.549	3.4	20.2
3 2	9 29.66	+13 14.4	1.585	2.534	8.1	20.5
3 12	9 21.50	+13 8.1	1.628	2.520	12.4	20.7
3 22	9 15.93	+12 53.9	1.694	2.506	16.1	20.9

363837 2005 QN_{10} 2 14.0 129.°67 1.°0/15.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.39	+ 6 9.0	2.288	3.093	12.2	21.5
1 22	10 4.96	+ 7 3.2	2.217	3.109	9.1	21.3
2 1	9 57.82	+ 8 11.1	2.173	3.125	5.5	21.1
2 11	9 49.63	+ 9 28.0	2.157	3.140	1.9	20.9
2 21	9 41.18	+10 48.2	2.173	3.155	2.5	21.0
3 2	9 33.33	+12 5.5	2.219	3.169	6.1	21.2
3 12	9 26.83	+13 14.8	2.294	3.182	9.5	21.4
3 22	9 22.20	+14 12.9	2.394	3.195	12.3	21.7

238571 2004 XE_{87} 2 14.0 200.°50 3.°6/11.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 13.79	+19 28.4	1.741	2.586	13.6	20.5
1 22	10 8.17	+20 38.9	1.668	2.584	9.9	20.2
2 1	10 0.02	+21 55.3	1.620	2.581	6.0	20.0
2 11	9 50.20	+23 9.1	1.599	2.578	3.6	19.8
2 21	9 39.84	+24 11.7	1.608	2.574	5.9	20.0
3 2	9 30.26	+24 56.8	1.644	2.570	9.9	20.2
3 12	9 22.61	+25 21.7	1.705	2.565	13.7	20.4
3 22	9 17.63	+25 26.7	1.786	2.560	16.9	20.6

314964 2006 WF_{192} 2 14.0 166.°30 1.°9/12.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 12.65	+16 33.1	2.150	2.983	11.8	21.0
1 22	10 6.81	+17 22.4	2.077	2.988	8.6	20.8
2 1	9 59.00	+18 17.7	2.030	2.992	5.0	20.5
2 11	9 49.93	+19 13.0	2.013	2.996	2.0	20.3
2 21	9 40.51	+20 2.6	2.025	2.999	4.0	20.5
3 2	9 31.75	+20 41.7	2.067	3.001	7.6	20.7
3 12	9 24.53	+21 7.6	2.135	3.003	11.0	20.9
3 22	9 19.43	+21 19.5	2.227	3.004	13.8	21.1

5289 Niemela 2 14.0 199.°37 3.°1/17.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 7.25	+ 0 36.8	2.470	3.253	12.0	17.8
1 22	10 2.68	+ 0 55.4	2.380	3.251	9.4	17.6
2 1	9 56.54	+ 1 29.7	2.314	3.249	6.5	17.4
2 11	9 49.36	+ 2 17.8	2.277	3.247	3.8	17.2
2 21	9 41.85	+ 3 15.9	2.269	3.245	3.4	17.2
3 2	9 34.77	+ 4 19.5	2.291	3.242	5.8	17.3
3 12	9 28.84	+ 5 23.2	2.341	3.239	8.8	17.5
3 22	9 24.58	+ 6 22.5	2.416	3.236	11.6	17.7

69592 1998 EO_{14} 2 14.0 349.°24 2.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.45	+15 28.6	1.303	2.163	16.4	18.6
1 22	10 6.26	+16 17.8	1.235	2.158	12.0	18.4
2 1	9 59.14	+17 18.6	1.189	2.155	6.9	18.1
2 11	9 50.03	+18 22.6	1.167	2.152	2.5	17.8
2 21	9 40.31	+19 20.3	1.172	2.150	5.4	17.9
3 2	9 31.57	+20 3.5	1.202	2.148	10.5	18.2
3 12	9 25.17	+20 27.6	1.254	2.147	15.3	18.5
3 22	9 21.88	+20 32.0	1.325	2.147	19.3	18.7

331587 2001 TW 2 14.0 125.°03 6.°1/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.87	+40 4.2	3.468	4.275	8.4	22.0
1 22	10 7.92	+41 14.5	3.434	4.298	7.0	22.0
2 1	9 59.42	+42 14.8	3.428	4.320	6.2	21.9
2 11	9 50.01	+43 0.4	3.451	4.342	6.3	22.0
2 21	9 40.44	+43 28.1	3.503	4.363	7.2	22.0
3 2	9 31.50	+43 36.8	3.581	4.383	8.4	22.2
3 12	9 23.89	+43 27.6	3.683	4.402	9.8	22.3
3 22	9 18.04	+43 3.0	3.806	4.421	11.0	22.4

15778 1993 NH 2 14.0 190.°22 10.°1/23.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.90	−19 42.8	2.380	3.023	15.9	19.9
1 22	10 7.77	−20 35.3	2.286	3.022	14.3	19.7
2 1	9 59.63	−21 2.8	2.211	3.020	12.5	19.6
2 11	9 50.12	−21 1.7	2.159	3.017	11.0	19.5
2 21	9 40.07	−20 31.2	2.132	3.013	10.2	19.4
3 2	9 30.46	−19 33.7	2.131	3.008	10.5	19.4
3 12	9 22.22	−18 15.5	2.155	3.001	11.8	19.5
3 22	9 16.01	−16 44.4	2.203	2.994	13.6	19.6

17644 1996 TW_8 2 14.0 60.°91 9.°0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.33	− 8 26.2	1.834	2.574	17.1	17.2
1 22	10 9.07	− 9 53.6	1.757	2.580	14.6	17.0
2 1	10 0.48	−10 59.3	1.702	2.587	11.9	16.8
2 11	9 50.32	−11 39.6	1.672	2.594	9.7	16.7
2 21	9 39.65	−11 53.5	1.667	2.600	9.0	16.7
3 2	9 29.68	−11 43.5	1.690	2.607	10.2	16.8
3 12	9 21.47	−11 15.3	1.737	2.614	12.6	16.9
3 22	9 15.73	−10 36.3	1.806	2.621	15.1	17.1

413209 2003 FF_{35} 2 14.0 346.°28 2.°3/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.37	+17 7.1	1.336	2.197	15.9	20.0
1 22	10 6.19	+17 28.4	1.263	2.187	11.7	19.7
2 1	9 59.09	+17 57.2	1.212	2.178	6.8	19.4
2 11	9 50.03	+18 26.6	1.186	2.171	2.5	19.1
2 21	9 40.37	+18 49.3	1.186	2.164	5.2	19.3
3 2	9 31.65	+18 59.6	1.211	2.159	10.3	19.5
3 12	9 25.23	+18 54.4	1.258	2.155	15.0	19.8
3 22	9 21.88	+18 33.6	1.325	2.152	19.0	20.0

111419 2001 XA_{193} 2 14.0 101.°13 3.°1/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.80	+18 2.8	1.960	2.803	12.4	19.5
1 22	10 5.60	+19 33.1	1.903	2.819	8.9	19.3
2 1	9 58.34	+21 9.2	1.872	2.834	5.3	19.2
2 11	9 49.80	+22 42.6	1.871	2.850	3.1	19.0
2 21	9 40.96	+24 5.4	1.899	2.865	5.2	19.2
3 2	9 32.87	+25 11.5	1.956	2.879	8.7	19.4
3 12	9 26.44	+25 57.9	2.039	2.894	12.0	19.7
3 22	9 22.24	+26 24.8	2.143	2.908	14.7	19.9

410767 2009 DL_{137} 2 14.0 247.°12 1.°6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.48	+ 6 18.7	1.681	2.503	15.1	21.5
1 22	10 5.75	+ 6 49.2	1.598	2.498	11.4	21.2
2 1	9 58.64	+ 7 37.6	1.538	2.492	7.1	20.9
2 11	9 49.91	+ 8 39.8	1.504	2.487	2.7	20.6
2 21	9 40.63	+ 9 49.3	1.498	2.481	3.3	20.7
3 2	9 31.99	+10 58.6	1.521	2.475	7.9	20.9
3 12	9 25.13	+12 0.7	1.569	2.469	12.3	21.2
3 22	9 20.76	+12 50.8	1.639	2.463	16.0	21.4

474012 2016 FB_{54} 2 14.0 300.°25 1.°7/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.10	+ 4 27.4	1.797	2.615	14.5	20.7
1 22	10 3.18	+ 5 21.6	1.708	2.605	11.0	20.4
2 1	9 57.10	+ 6 36.4	1.643	2.596	7.0	20.2
2 11	9 49.55	+ 8 7.5	1.604	2.586	2.7	19.9
2 21	9 41.45	+ 9 47.5	1.595	2.577	3.1	19.9
3 2	9 33.88	+11 27.6	1.614	2.568	7.5	20.1
3 12	9 27.87	+12 59.5	1.659	2.559	11.7	20.4
3 22	9 24.12	+14 17.3	1.727	2.551	15.4	20.6

316938 2001 CC_{20} 2 14.0 41.°74 4.°5/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.65	+ 9 30.4	0.954	1.821	20.2	19.8
1 22	10 5.73	+13 14.1	0.898	1.827	14.5	19.5
2 1	9 59.21	+17 35.0	0.865	1.833	8.2	19.2
2 11	9 50.12	+22 7.4	0.859	1.840	4.6	19.0
2 21	9 40.14	+26 19.5	0.880	1.848	9.2	19.3
3 2	9 31.32	+29 46.0	0.927	1.855	15.2	19.6
3 12	9 25.46	+32 15.9	0.995	1.863	20.5	20.0
3 22	9 23.49	+33 51.3	1.079	1.871	24.6	20.3

364024 2005 VB_{77} 2 14.0 205.°37 4.°1/17.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.74	− 1 47.3	2.596	3.356	12.1	21.4
1 22	10 5.93	− 1 56.7	2.497	3.349	9.8	21.2
2 1	9 58.44	− 1 51.2	2.422	3.342	7.1	21.1
2 11	9 49.84	− 1 31.1	2.375	3.334	4.8	20.9
2 21	9 40.82	− 0 58.6	2.358	3.325	4.3	20.9
3 2	9 32.20	− 0 17.2	2.372	3.315	6.2	21.0
3 12	9 24.73	+ 0 28.7	2.414	3.304	9.0	21.1
3 22	9 18.97	+ 1 14.6	2.482	3.293	11.6	21.3

85196 Halle 2 14.0 264.°48 3.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.51	+21 11.2	2.103	2.939	12.0	19.2
1 22	10 9.20	+21 40.0	2.007	2.918	8.8	18.9
2 1	10 0.58	+22 10.7	1.937	2.896	5.4	18.7
2 11	9 50.37	+22 37.5	1.895	2.874	3.1	18.5
2 21	9 39.57	+22 54.8	1.883	2.851	5.0	18.6
3 2	9 29.32	+22 58.9	1.900	2.828	8.6	18.7
3 12	9 20.70	+22 48.1	1.944	2.804	12.2	18.9
3 22	9 14.44	+22 23.4	2.009	2.780	15.4	19.1

276648 2003 UJ_{254} 2 14.0 82.°80 5.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.93	+28 35.4	2.039	2.883	12.0	21.0
1 22	10 7.87	+29 32.7	1.985	2.893	9.1	20.8
2 1	9 59.64	+30 25.2	1.957	2.904	6.6	20.7
2 11	9 50.10	+31 5.7	1.956	2.914	5.7	20.6
2 21	9 40.33	+31 28.4	1.983	2.924	7.3	20.7
3 2	9 31.47	+31 30.9	2.038	2.934	9.9	20.9
3 12	9 24.44	+31 13.5	2.117	2.944	12.7	21.1
3 22	9 19.81	+30 39.1	2.216	2.954	15.0	21.3

451892 2014 JS_{39} 2 14.0 280.°20 5.°9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.72	+22 33.4	1.342	2.204	15.8	21.1
1 22	10 8.84	+24 2.4	1.273	2.196	11.8	20.8
2 1	10 0.76	+25 36.7	1.228	2.188	7.7	20.6
2 11	9 50.45	+27 3.9	1.208	2.180	5.9	20.5
2 21	9 39.40	+28 12.0	1.214	2.173	8.6	20.6
3 2	9 29.34	+28 53.1	1.245	2.165	12.9	20.8
3 12	9 21.79	+29 5.0	1.297	2.157	17.1	21.0
3 22	9 17.61	+28 50.5	1.367	2.150	20.7	21.3

378986 2008 US_{282} 2 14.0 22.°98 5.°5/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.24	− 3 56.0	1.912	2.689	15.3	21.1
1 22	10 3.05	− 3 59.9	1.833	2.692	12.4	20.9
2 1	9 56.90	− 3 41.6	1.775	2.695	9.2	20.7
2 11	9 49.48	− 3 1.7	1.742	2.699	6.4	20.6
2 21	9 41.68	− 2 3.8	1.736	2.703	5.5	20.5
3 2	9 34.47	− 0 53.6	1.758	2.707	7.5	20.6
3 12	9 28.75	+ 0 21.5	1.807	2.712	10.6	20.8
3 22	9 25.12	+ 1 34.5	1.878	2.716	13.7	21.0

500379 2012 TX_{59} 2 14.0 103.°86 2.°9/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.31	+ 0 53.9	2.518	3.302	11.8	22.0
1 22	10 2.62	+ 1 12.6	2.443	3.315	9.2	21.9
2 1	9 56.45	+ 1 46.1	2.392	3.327	6.3	21.7
2 11	9 49.36	+ 2 32.2	2.369	3.340	3.6	21.5
2 21	9 42.04	+ 3 27.1	2.376	3.352	3.2	21.5
3 2	9 35.23	+ 4 26.4	2.413	3.365	5.6	21.7
3 12	9 29.57	+ 5 25.2	2.479	3.377	8.4	21.9
3 22	9 25.53	+ 6 19.3	2.569	3.388	11.0	22.1

20950 3305 $T\text{-}_2$ 2 14.0 267.°65 2.°1/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.04	+16 13.0	1.664	2.508	14.2	19.0
1 22	10 7.81	+16 57.2	1.577	2.493	10.4	18.7
2 1	9 59.96	+17 50.5	1.515	2.478	6.1	18.4
2 11	9 50.26	+18 46.0	1.479	2.463	2.3	18.2
2 21	9 39.88	+19 36.0	1.471	2.447	4.8	18.3
3 2	9 30.15	+20 14.0	1.491	2.432	9.4	18.5
3 12	9 22.34	+20 36.0	1.536	2.416	13.8	18.7
3 22	9 17.26	+20 41.0	1.601	2.400	17.5	18.9

400560 2008 WL_{69} 2 14.0 5.°05 5.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.70	+ 1 54.4	1.329	2.149	18.5	20.6
1 22	10 7.05	+ 1 29.1	1.257	2.149	14.6	20.4
2 1	9 59.57	+ 1 26.2	1.205	2.149	10.1	20.1
2 11	9 50.17	+ 1 45.1	1.177	2.149	6.0	19.9
2 21	9 40.16	+ 2 21.8	1.173	2.150	5.5	19.9
3 2	9 31.06	+ 3 9.4	1.196	2.152	9.3	20.1
3 12	9 24.18	+ 3 59.7	1.241	2.154	13.8	20.3
3 22	9 20.31	+ 4 45.5	1.307	2.156	17.9	20.6

73301 2002 JB_{70} 2 14.0 278.°28 3.°8/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.24	+21 2.8	1.984	2.831	12.1	19.3
1 22	10 5.44	+22 11.9	1.900	2.817	8.9	19.0
2 1	9 58.42	+23 25.7	1.842	2.802	5.6	18.8
2 11	9 49.88	+24 36.5	1.812	2.787	3.8	18.7
2 21	9 40.79	+25 36.9	1.810	2.772	5.9	18.8
3 2	9 32.25	+26 21.0	1.837	2.757	9.4	18.9
3 12	9 25.31	+26 46.1	1.888	2.742	12.8	19.1
3 22	9 20.69	+26 52.1	1.960	2.727	15.8	19.3

352741 2008 TF_{64} 2 14.0 47.°57 1.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.81	+ 7 25.3	1.243	2.085	18.2	21.0
1 22	10 7.12	+ 7 47.6	1.186	2.096	13.6	20.8
2 1	9 59.54	+ 8 29.9	1.149	2.108	8.3	20.5
2 11	9 50.14	+ 9 26.4	1.137	2.120	2.8	20.2
2 21	9 40.34	+10 28.9	1.150	2.133	3.9	20.3
3 2	9 31.67	+11 28.6	1.189	2.146	9.2	20.6
3 12	9 25.41	+12 18.0	1.251	2.160	14.1	21.0
3 22	9 22.21	+12 53.0	1.334	2.173	18.1	21.2

121152 1999 JU_{82} 2 14.0 250.°63 3.°5/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.05	+18 41.0	1.854	2.697	13.0	19.9
1 22	10 7.74	+20 3.7	1.762	2.678	9.5	19.6
2 1	9 59.91	+21 35.2	1.697	2.658	5.8	19.3
2 11	9 50.27	+23 7.1	1.659	2.638	3.5	19.1
2 21	9 39.88	+24 30.0	1.651	2.617	5.9	19.2
3 2	9 29.98	+25 36.3	1.672	2.595	9.9	19.4
3 12	9 21.80	+26 21.6	1.717	2.573	13.8	19.6
3 22	9 16.18	+26 45.2	1.783	2.550	17.2	19.8

350618 2001 SK_{187} 2 14.0 111.°84 0.°0/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.94	+10 49.3	1.650	2.478	15.1	21.7
1 22	10 9.50	+11 25.2	1.592	2.498	11.1	21.5
2 1	10 0.67	+12 13.4	1.558	2.517	6.4	21.3
2 11	9 50.38	+13 7.7	1.551	2.536	1.5	21.0
2 21	9 39.84	+14 1.2	1.573	2.554	3.4	21.2
3 2	9 30.30	+14 47.9	1.624	2.572	8.1	21.5
3 12	9 22.81	+15 23.2	1.700	2.589	12.2	21.7
3 22	9 17.96	+15 45.3	1.799	2.605	15.6	22.0

31920 Annamcevoy 2 14.0 259.°97 4.°6/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.28	+22 1.7	1.477	2.330	15.2	19.4
1 22	10 10.44	+22 52.8	1.404	2.322	11.2	19.2
2 1	10 1.58	+23 46.9	1.354	2.314	7.1	18.9
2 11	9 50.66	+24 34.6	1.330	2.306	4.6	18.7
2 21	9 39.10	+25 7.2	1.333	2.298	7.0	18.8
3 2	9 28.51	+25 19.1	1.362	2.290	11.3	19.1
3 12	9 20.29	+25 9.2	1.414	2.281	15.5	19.3
3 22	9 15.26	+24 39.6	1.486	2.273	19.1	19.5

347617 2001 SZ_{37} 2 14.0 142.°70 2.°7/10.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.65	+22 49.9	3.112	3.943	8.6	22.1
1 22	10 4.83	+23 34.3	3.049	3.956	6.3	22.0
2 1	9 57.65	+24 18.4	3.013	3.969	4.0	21.9
2 11	9 49.65	+24 58.1	3.008	3.981	2.7	21.8
2 21	9 41.48	+25 29.7	3.035	3.993	4.0	21.9
3 2	9 33.81	+25 50.6	3.091	4.004	6.3	22.0
3 12	9 27.24	+26 0.0	3.175	4.014	8.6	22.2
3 22	9 22.20	+25 57.9	3.283	4.024	10.5	22.4

32431 2000 RC_{84} 2 14.0 154.°84 2.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.01	+ 2 55.2	2.594	3.386	11.3	19.7
1 22	10 2.43	+ 3 19.3	2.510	3.389	8.7	19.5
2 1	9 56.37	+ 3 56.9	2.451	3.393	5.7	19.4
2 11	9 49.37	+ 4 45.6	2.420	3.396	3.0	19.2
2 21	9 42.09	+ 5 41.6	2.420	3.399	2.8	19.2
3 2	9 35.26	+ 6 40.5	2.450	3.402	5.5	19.3
3 12	9 29.52	+ 7 37.6	2.508	3.405	8.4	19.5
3 22	9 25.37	+ 8 29.2	2.591	3.407	11.1	19.7

221690 2007 DZ_{47} 2 14.0 103.°39 0.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.28	+14 0.8	1.861	2.697	13.3	20.5
1 22	10 6.79	+14 23.4	1.788	2.699	9.7	20.3
2 1	9 59.11	+14 54.0	1.739	2.701	5.6	20.0
2 11	9 50.04	+15 27.7	1.717	2.703	1.4	19.7
2 21	9 40.58	+15 59.1	1.725	2.705	3.5	19.9
3 2	9 31.87	+16 23.7	1.760	2.706	7.8	20.1
3 12	9 24.89	+16 38.1	1.822	2.708	11.6	20.4
3 22	9 20.26	+16 41.2	1.906	2.710	14.9	20.6

459223 2012 DA_{96} 2 14.0 132.°58 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.09	+16 17.6	2.027	2.858	12.5	21.3
1 22	10 8.61	+16 42.3	1.960	2.870	9.1	21.1
2 1	10 0.05	+17 12.0	1.919	2.881	5.3	20.8
2 11	9 50.24	+17 41.6	1.907	2.891	1.7	20.6
2 21	9 40.16	+18 6.4	1.924	2.901	3.7	20.8
3 2	9 30.89	+18 22.4	1.971	2.910	7.5	21.0
3 12	9 23.33	+18 27.7	2.044	2.919	11.1	21.3
3 22	9 18.04	+18 21.9	2.140	2.928	14.0	21.5

280758 2005 QG_{84} 2 14.0 190.°00 1.°3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.56	+ 7 10.5	1.824	2.637	14.5	22.1
1 22	10 8.57	+ 7 39.2	1.741	2.637	10.9	21.9
2 1	10 0.23	+ 8 23.3	1.681	2.635	6.7	21.6
2 11	9 50.32	+ 9 18.8	1.649	2.633	2.3	21.4
2 21	9 39.89	+10 19.6	1.647	2.629	3.2	21.4
3 2	9 30.12	+11 19.2	1.674	2.625	7.6	21.7
3 12	9 22.10	+12 11.5	1.728	2.620	11.8	21.9
3 22	9 16.54	+12 52.9	1.804	2.614	15.4	22.1

430348 2013 YX_{106} 2 14.0 189.°97 2.°5/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.17	+ 4 7.1	2.500	3.295	11.6	21.2
1 22	10 4.06	+ 4 3.9	2.413	3.294	8.9	21.0
2 1	9 57.35	+ 4 12.6	2.351	3.294	5.9	20.8
2 11	9 49.61	+ 4 31.5	2.318	3.293	3.1	20.6
2 21	9 41.56	+ 4 57.9	2.314	3.292	3.0	20.6
3 2	9 33.97	+ 5 28.2	2.340	3.291	5.8	20.8
3 12	9 27.57	+ 5 58.7	2.394	3.290	8.8	21.0
3 22	9 22.85	+ 6 26.0	2.473	3.288	11.5	21.2

495212 2013 CX_{185} 2 14.0 268.°56 2.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.99	+ 4 40.4	1.569	2.389	16.1	21.3
1 22	10 6.37	+ 4 59.7	1.479	2.376	12.4	21.1
2 1	9 59.15	+ 5 39.4	1.412	2.364	8.0	20.8
2 11	9 50.11	+ 6 36.4	1.370	2.351	3.6	20.5
2 21	9 40.34	+ 7 44.6	1.356	2.338	3.8	20.5
3 2	9 31.18	+ 8 56.3	1.369	2.325	8.4	20.7
3 12	9 23.89	+10 3.2	1.407	2.312	13.1	20.9
3 22	9 19.30	+10 59.4	1.466	2.298	17.2	21.1

313859 2004 FM_{65} 2 14.0 7.°53 4.°6/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.88	+19 54.2	1.086	1.964	17.4	19.5
1 22	10 4.72	+20 50.5	1.033	1.966	12.7	19.2
2 1	9 58.34	+21 53.2	1.001	1.968	7.7	18.9
2 11	9 49.90	+22 51.0	0.993	1.973	4.6	18.8
2 21	9 40.98	+23 33.6	1.007	1.979	7.4	18.9
3 2	9 33.33	+23 53.7	1.045	1.987	12.3	19.2
3 12	9 28.35	+23 49.5	1.103	1.997	16.9	19.5
3 22	9 26.72	+23 23.0	1.179	2.008	20.7	19.8

148701 2001 SV_{289} 2 14.0 99.°31 1.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.31	+17 34.8	1.871	2.705	13.3	20.2
1 22	10 10.29	+17 45.6	1.810	2.720	9.7	20.0
2 1	10 1.03	+18 0.0	1.775	2.736	5.6	19.8
2 11	9 50.47	+18 12.8	1.767	2.751	1.9	19.6
2 21	9 39.72	+18 19.7	1.790	2.766	4.0	19.7
3 2	9 29.94	+18 17.5	1.841	2.781	8.0	20.0
3 12	9 22.10	+18 5.2	1.919	2.795	11.6	20.3
3 22	9 16.76	+17 43.0	2.019	2.810	14.6	20.5

359751 2011 UR_{85} 2 14.0 85.°54 0.°3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.97	+ 9 7.5	1.572	2.401	15.7	20.8
1 22	10 8.09	+ 9 58.6	1.521	2.427	11.5	20.6
2 1	9 59.85	+11 4.5	1.493	2.453	6.7	20.4
2 11	9 50.20	+12 18.2	1.493	2.478	1.7	20.2
2 21	9 40.36	+13 31.6	1.521	2.503	3.4	20.3
3 2	9 31.56	+14 37.3	1.577	2.527	8.1	20.7
3 12	9 24.82	+15 29.8	1.659	2.551	12.2	21.0
3 22	9 20.69	+16 6.9	1.763	2.575	15.6	21.2

341399 2007 TP_{152} 2 14.0 90.°65 5.°0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.91	− 4 35.6	2.305	3.064	13.5	20.7
1 22	10 3.21	− 4 37.9	2.228	3.076	11.0	20.6
2 1	9 56.87	− 4 21.2	2.175	3.088	8.2	20.4
2 11	9 49.50	− 3 46.2	2.147	3.099	5.8	20.3
2 21	9 41.87	− 2 56.1	2.148	3.110	5.0	20.2
3 2	9 34.77	− 1 55.3	2.178	3.122	6.6	20.4
3 12	9 28.94	− 0 49.9	2.235	3.133	9.2	20.5
3 22	9 24.89	+ 0 14.7	2.316	3.144	11.8	20.7

334584 2002 TU_{133} 2 14.0 124.°19 3.°5/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.73	+ 1 22.2	2.267	3.054	12.9	20.4
1 22	10 4.59	+ 1 13.2	2.185	3.058	10.1	20.2
2 1	9 57.71	+ 1 18.9	2.128	3.063	7.0	20.0
2 11	9 49.72	+ 1 38.1	2.098	3.067	4.2	19.8
2 21	9 41.41	+ 2 8.0	2.097	3.071	3.8	19.8
3 2	9 33.64	+ 2 44.7	2.125	3.075	6.3	20.0
3 12	9 27.18	+ 3 23.4	2.181	3.079	9.4	20.2
3 22	9 22.59	+ 4 0.0	2.261	3.083	12.2	20.4

377809 2006 BX_4 2 14.0 145.°99 1.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.31	+ 8 0.0	2.096	2.910	12.8	21.4
1 22	10 5.86	+ 8 9.5	2.018	2.914	9.6	21.2
2 1	9 58.49	+ 8 30.6	1.964	2.918	5.9	21.0
2 11	9 49.91	+ 9 0.1	1.939	2.922	2.2	20.7
2 21	9 40.98	+ 9 33.9	1.943	2.925	2.8	20.8
3 2	9 32.68	+10 7.7	1.977	2.929	6.6	21.0
3 12	9 25.86	+10 37.2	2.038	2.932	10.2	21.2
3 22	9 21.09	+10 59.7	2.122	2.935	13.3	21.4

166723 2002 TY_{238} 2 14.0 36.°37 7.°1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.98	− 7 2.6	1.744	2.509	17.0	18.8
1 22	10 3.62	− 7 27.4	1.684	2.530	14.0	18.6
2 1	9 57.23	− 7 26.6	1.645	2.551	10.9	18.5
2 11	9 49.60	− 7 0.3	1.630	2.573	8.1	18.4
2 21	9 41.72	− 6 11.6	1.640	2.595	7.1	18.4
3 2	9 34.62	− 5 6.7	1.676	2.618	8.5	18.5
3 12	9 29.20	− 3 53.6	1.738	2.641	11.1	18.7
3 22	9 25.99	− 2 40.0	1.823	2.665	13.9	18.9

125900 2001 XY_{216} 2 14.0 226.°20 6.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.11	+29 30.0	1.892	2.733	12.9	19.8
1 22	10 11.46	+30 48.7	1.817	2.722	10.0	19.6
2 1	10 2.06	+32 4.0	1.767	2.710	7.5	19.4
2 11	9 50.80	+33 5.8	1.745	2.697	6.9	19.4
2 21	9 38.90	+33 46.1	1.751	2.684	8.7	19.5
3 2	9 27.81	+34 0.5	1.784	2.669	11.7	19.6
3 12	9 18.78	+33 49.1	1.840	2.655	14.8	19.8
3 22	9 12.61	+33 15.4	1.916	2.639	17.5	19.9

231801 2000 EB_{20} 2 14.0 275.°76 7.°8/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.15	−10 39.6	1.722	2.464	18.0	19.8
1 22	10 5.84	−10 20.6	1.605	2.435	15.4	19.5
2 1	9 58.97	− 9 26.9	1.507	2.405	12.2	19.2
2 11	9 50.13	− 7 55.9	1.432	2.373	9.2	19.0
2 21	9 40.28	− 5 49.5	1.384	2.342	7.8	18.8
3 2	9 30.70	− 3 15.8	1.364	2.309	9.6	18.8
3 12	9 22.69	− 0 28.0	1.371	2.276	13.3	18.9
3 22	9 17.23	+ 2 19.5	1.402	2.243	17.4	19.1

209453 2004 GA_{11} 2 14.0 279.°03 3.°8/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.08	− 2 22.0	2.445	3.217	12.5	20.5
1 22	10 1.99	− 1 57.5	2.338	3.199	10.0	20.3
2 1	9 56.26	− 1 14.3	2.255	3.180	7.2	20.1
2 11	9 49.41	− 0 13.5	2.199	3.162	4.6	19.9
2 21	9 42.10	+ 1 1.2	2.172	3.144	4.0	19.8
3 2	9 35.12	+ 2 24.8	2.175	3.125	6.2	19.9
3 12	9 29.23	+ 3 50.8	2.206	3.107	9.2	20.1
3 22	9 25.01	+ 5 13.4	2.262	3.088	12.1	20.2

431458 2007 RG_{274} 2 14.0 27.°20 5.°7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 4.43	− 8 58.6	1.564	2.333	18.5	19.6
1 22	10 1.25	− 7 43.7	1.499	2.352	15.0	19.4
2 1	9 55.94	− 5 53.0	1.455	2.372	11.1	19.2
2 11	9 49.32	− 3 30.8	1.436	2.393	7.4	19.0
2 21	9 42.41	− 0 46.7	1.445	2.416	5.7	19.0
3 2	9 36.30	+ 2 5.6	1.482	2.439	7.8	19.1
3 12	9 31.94	+ 4 52.0	1.547	2.463	11.4	19.4
3 22	9 29.88	+ 7 21.6	1.638	2.487	14.8	19.7

429859 2012 RA_{31} 2 14.0 82.°34 2.°0/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.11	+18 49.2	2.273	3.109	11.2	20.9
1 22	10 6.27	+19 12.0	2.209	3.121	8.1	20.8
2 1	9 58.63	+19 37.3	2.171	3.133	4.7	20.6
2 11	9 49.93	+20 0.3	2.162	3.145	2.1	20.4
2 21	9 41.03	+20 17.2	2.183	3.157	3.8	20.5
3 2	9 32.85	+20 24.8	2.234	3.168	7.1	20.8
3 12	9 26.15	+20 21.8	2.311	3.180	10.2	21.0
3 22	9 21.45	+20 8.3	2.411	3.192	12.8	21.2

355938 2008 YJ_{74} 2 14.0 74.°90 3.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.75	+16 58.3	1.404	2.257	15.8	20.7
1 22	10 8.34	+18 6.8	1.352	2.273	11.4	20.4
2 1	10 0.18	+19 23.4	1.324	2.288	6.6	20.2
2 11	9 50.33	+20 38.5	1.322	2.304	3.1	20.0
2 21	9 40.16	+21 42.4	1.346	2.319	5.7	20.2
3 2	9 31.13	+22 28.3	1.398	2.335	10.2	20.5
3 12	9 24.44	+22 53.3	1.473	2.350	14.4	20.8
3 22	9 20.70	+22 58.2	1.567	2.366	17.8	21.1

206909 2004 NB_6 2 14.0 298.°14 1.°9/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.29	+13 50.6	2.292	3.126	11.2	19.6
1 22	10 3.15	+15 24.5	2.183	3.095	8.2	19.3
2 1	9 57.10	+17 11.8	2.101	3.064	4.7	19.0
2 11	9 49.64	+19 5.8	2.049	3.032	1.9	18.8
2 21	9 41.52	+20 58.6	2.028	3.000	4.2	18.9
3 2	9 33.64	+22 42.2	2.037	2.968	7.9	19.1
3 12	9 26.93	+24 10.5	2.074	2.936	11.5	19.2
3 22	9 22.12	+25 20.2	2.134	2.904	14.6	19.4

140159 2001 SK_{171} 2 14.0 5.°93 0.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 5.40	+10 45.8	1.138	2.002	17.9	18.7
1 22	10 2.73	+11 22.3	1.078	2.002	13.2	18.4
2 1	9 57.15	+12 17.2	1.038	2.004	7.7	18.1
2 11	9 49.65	+13 23.0	1.022	2.008	1.8	17.8
2 21	9 41.65	+14 30.1	1.030	2.013	4.3	18.0
3 2	9 34.69	+15 28.7	1.062	2.020	10.0	18.3
3 12	9 30.09	+16 11.6	1.116	2.028	15.0	18.6
3 22	9 28.58	+16 35.6	1.188	2.038	19.2	18.9

207640 2006 UV_{22} 2 14.0 202.°94 2.°1/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.93	+19 7.0	2.478	3.313	10.4	20.7
1 22	10 5.40	+19 35.7	2.400	3.311	7.6	20.5
2 1	9 58.16	+20 7.0	2.348	3.309	4.5	20.3
2 11	9 49.84	+20 36.4	2.326	3.307	2.1	20.2
2 21	9 41.22	+20 59.8	2.333	3.305	3.8	20.3
3 2	9 33.15	+21 13.9	2.371	3.302	6.9	20.5
3 12	9 26.41	+21 17.1	2.435	3.300	9.9	20.7
3 22	9 21.51	+21 9.2	2.522	3.297	12.5	20.8

283509 2001 SV_{346} 2 14.0 82.°60 5.°0/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.09	+ 1 18.9	1.431	2.238	18.1	20.2
1 22	10 9.25	+ 0 50.8	1.367	2.251	14.2	19.9
2 1	10 0.72	+ 0 44.4	1.324	2.263	9.9	19.7
2 11	9 50.48	+ 0 58.5	1.306	2.276	6.0	19.5
2 21	9 39.83	+ 1 29.5	1.314	2.289	5.5	19.5
3 2	9 30.20	+ 2 11.0	1.349	2.301	8.9	19.8
3 12	9 22.79	+ 2 55.6	1.408	2.314	13.0	20.0
3 22	9 18.27	+ 3 36.8	1.488	2.326	16.7	20.3

455565 2004 QF_{25} 2 14.0 253.°60 5.°6/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.44	− 5 5.8	2.316	3.067	13.7	21.8
1 22	10 5.32	− 5 21.0	2.206	3.047	11.3	21.6
2 1	9 58.29	− 5 17.5	2.118	3.026	8.7	21.4
2 11	9 49.92	− 4 54.5	2.057	3.005	6.3	21.2
2 21	9 40.96	− 4 13.8	2.024	2.982	5.6	21.2
3 2	9 32.32	− 3 18.9	2.020	2.960	7.4	21.2
3 12	9 24.88	− 2 15.6	2.043	2.936	10.2	21.3
3 22	9 19.33	− 1 10.0	2.091	2.912	13.1	21.5

91812 1999 TQ_{252} 2 14.0 59.°37 0.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.61	+11 12.0	1.778	2.610	14.0	19.2
1 22	10 6.26	+11 29.9	1.716	2.624	10.3	19.0
2 1	9 58.78	+11 58.4	1.678	2.638	6.0	18.8
2 11	9 49.99	+12 32.9	1.667	2.652	1.5	18.5
2 21	9 40.95	+13 7.9	1.685	2.667	3.1	18.7
3 2	9 32.75	+13 38.7	1.731	2.682	7.4	19.0
3 12	9 26.33	+14 1.2	1.803	2.696	11.3	19.2
3 22	9 22.25	+14 13.6	1.897	2.711	14.5	19.5

371945 2008 EV_{142} 2 14.0 290.°25 0.°9/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.10	+12 30.6	1.695	2.535	14.2	21.4
1 22	10 5.66	+13 16.5	1.602	2.516	10.5	21.1
2 1	9 58.75	+14 15.7	1.533	2.496	6.1	20.8
2 11	9 50.06	+15 22.5	1.491	2.477	1.5	20.4
2 21	9 40.66	+16 29.3	1.477	2.457	4.0	20.6
3 2	9 31.80	+17 28.6	1.490	2.437	8.8	20.8
3 12	9 24.67	+18 14.6	1.529	2.418	13.3	21.0
3 22	9 20.11	+18 44.3	1.588	2.399	17.1	21.2

211514 2003 QK_{50} 2 14.0 99.°85 1.°6/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.99	+13 47.0	1.662	2.501	14.4	20.5
1 22	10 7.44	+14 52.7	1.605	2.518	10.4	20.3
2 1	9 59.54	+16 8.9	1.572	2.535	6.0	20.1
2 11	9 50.19	+17 27.5	1.567	2.552	1.8	19.8
2 21	9 40.54	+18 40.2	1.591	2.568	4.3	20.0
3 2	9 31.82	+19 40.2	1.642	2.583	8.7	20.3
3 12	9 25.05	+20 23.3	1.719	2.599	12.6	20.6
3 22	9 20.83	+20 48.7	1.818	2.614	15.8	20.8

364387 2006 VN_{69} 2 14.0 187.°29 1.°7/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.85	+ 5 48.5	2.325	3.125	12.2	22.1
1 22	10 6.16	+ 6 7.3	2.238	3.125	9.2	21.9
2 1	9 58.67	+ 6 38.8	2.175	3.124	5.9	21.7
2 11	9 50.00	+ 7 20.1	2.142	3.122	2.5	21.5
2 21	9 40.94	+ 8 7.4	2.138	3.119	2.7	21.5
3 2	9 32.40	+ 8 55.7	2.166	3.116	6.2	21.7
3 12	9 25.17	+ 9 40.7	2.221	3.112	9.6	21.9
3 22	9 19.84	+10 18.9	2.301	3.108	12.6	22.1

416130 2002 QF_{101} 2 14.0 218.°57 1.°9/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.72	+16 24.9	2.069	2.902	12.3	22.6
1 22	10 7.84	+17 8.3	1.983	2.894	9.0	22.4
2 1	9 59.79	+17 58.4	1.923	2.884	5.2	22.2
2 11	9 50.28	+18 49.5	1.891	2.874	2.0	21.9
2 21	9 40.27	+19 35.5	1.889	2.864	4.1	22.0
3 2	9 30.84	+20 11.3	1.917	2.853	8.0	22.3
3 12	9 22.99	+20 33.8	1.971	2.841	11.6	22.5
3 22	9 17.39	+20 42.3	2.047	2.829	14.8	22.6

360552 2003 SD_{332} 2 14.0 290.°05 9.°8/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.17	+34 26.1	1.541	2.391	14.8	21.0
1 22	10 10.63	+36 9.4	1.481	2.382	12.0	20.8
2 1	10 1.83	+37 43.8	1.444	2.374	10.1	20.6
2 11	9 50.81	+38 56.3	1.433	2.365	10.1	20.6
2 21	9 39.12	+39 36.9	1.446	2.356	12.0	20.7
3 2	9 28.54	+39 41.5	1.483	2.348	14.9	20.8
3 12	9 20.56	+39 12.4	1.539	2.339	17.9	21.0
3 22	9 16.01	+38 15.6	1.613	2.331	20.5	21.2

494666 2001 UT_{31} 2 14.0 183.°09 2.°1/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.72	+17 47.5	2.410	3.240	10.8	22.2
1 22	10 6.78	+18 35.6	2.331	3.241	7.9	22.0
2 1	9 59.01	+19 28.2	2.280	3.241	4.6	21.8
2 11	9 50.08	+20 19.8	2.258	3.240	2.1	21.7
2 21	9 40.80	+21 5.4	2.268	3.239	3.9	21.8
3 2	9 32.08	+21 40.7	2.307	3.237	7.2	22.0
3 12	9 24.73	+22 3.3	2.373	3.234	10.3	22.2
3 22	9 19.32	+22 12.9	2.463	3.231	12.9	22.4

320860 2008 FZ_{122} 2 14.0 78.°39 8.°1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 21.44	+33 56.0	1.720	2.557	14.1	20.5
1 22	10 13.60	+34 56.4	1.683	2.581	11.1	20.4
2 1	10 3.04	+35 44.7	1.671	2.604	8.8	20.3
2 11	9 51.00	+36 11.9	1.686	2.626	8.1	20.3
2 21	9 38.95	+36 12.7	1.727	2.649	9.6	20.4
3 2	9 28.36	+35 46.5	1.794	2.671	12.1	20.6
3 12	9 20.33	+34 56.9	1.884	2.693	14.7	20.9
3 22	9 15.34	+33 49.8	1.993	2.715	17.0	21.1

340769 2006 SM_{334} 2 14.0 82.°53 2.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.83	+ 2 53.3	2.393	3.189	12.0	20.9
1 22	10 2.39	+ 3 22.9	2.318	3.200	9.2	20.8
2 1	9 56.41	+ 4 7.1	2.268	3.211	6.0	20.6
2 11	9 49.46	+ 5 3.0	2.246	3.222	3.0	20.4
2 21	9 42.26	+ 6 6.2	2.254	3.234	2.8	20.4
3 2	9 35.58	+ 7 11.6	2.292	3.245	5.7	20.6
3 12	9 30.10	+ 8 14.1	2.357	3.256	8.8	20.8
3 22	9 26.30	+ 9 9.7	2.448	3.267	11.5	21.0

499423 2010 CQ_{92} 2 14.0 279.°45 4.°0/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.68	+24 57.7	2.167	3.005	11.6	21.3
1 22	10 9.21	+25 19.8	2.083	2.993	8.6	21.1
2 1	10 0.54	+25 39.8	2.025	2.980	5.6	20.9
2 11	9 50.47	+25 51.9	1.996	2.968	4.0	20.7
2 21	9 39.98	+25 51.5	1.996	2.956	5.6	20.8
3 2	9 30.19	+25 36.1	2.025	2.943	8.7	21.0
3 12	9 22.09	+25 5.4	2.080	2.931	11.9	21.1
3 22	9 16.31	+24 21.4	2.157	2.919	14.7	21.3

428360 2007 RW_{57} 2 14.1 100.°40 2.°9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.15	+ 0 15.6	2.514	3.293	12.0	21.2
1 22	10 3.24	+ 0 40.7	2.444	3.313	9.3	21.1
2 1	9 56.84	+ 1 21.2	2.399	3.332	6.4	20.9
2 11	9 49.56	+ 2 14.5	2.382	3.352	3.7	20.8
2 21	9 42.09	+ 3 16.5	2.395	3.371	3.2	20.8
3 2	9 35.14	+ 4 22.6	2.438	3.389	5.6	20.9
3 12	9 29.39	+ 5 27.5	2.510	3.408	8.4	21.1
3 22	9 25.26	+ 6 27.1	2.608	3.426	10.9	21.3

267441 2002 CS_{216} 2 14.1 49.°68 1.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.26	+16 39.3	1.532	2.380	15.0	19.7
1 22	10 8.39	+17 4.0	1.484	2.401	10.9	19.5
2 1	10 0.07	+17 34.6	1.459	2.423	6.2	19.3
2 11	9 50.33	+18 4.7	1.461	2.445	2.1	19.1
2 21	9 40.45	+18 28.1	1.490	2.468	4.4	19.3
3 2	9 31.71	+18 40.6	1.547	2.491	8.8	19.6
3 12	9 25.14	+18 40.2	1.628	2.514	12.8	19.9
3 22	9 21.27	+18 27.1	1.730	2.537	16.0	20.2

210242 2007 RD_{203} 2 14.1 46.°15 0.°4/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.22	+10 13.8	1.902	2.731	13.3	21.1
1 22	10 4.43	+10 38.8	1.840	2.746	9.8	20.9
2 1	9 57.70	+11 14.9	1.802	2.761	5.8	20.6
2 11	9 49.78	+11 57.7	1.792	2.777	1.5	20.4
2 21	9 41.62	+12 41.6	1.810	2.792	2.9	20.5
3 2	9 34.21	+13 21.8	1.857	2.808	7.0	20.8
3 12	9 28.39	+13 53.9	1.930	2.824	10.6	21.1
3 22	9 24.71	+14 15.7	2.025	2.841	13.7	21.3

248413 2005 SM_{169} 2 14.1 65.°81 2.°3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.14	+ 6 23.5	1.266	2.100	18.4	20.5
1 22	10 8.77	+ 6 33.0	1.211	2.116	13.9	20.2
2 1	10 0.52	+ 7 2.6	1.176	2.131	8.7	20.0
2 11	9 50.48	+ 7 47.5	1.165	2.147	3.5	19.7
2 21	9 40.08	+ 8 40.5	1.180	2.163	4.0	19.8
3 2	9 30.87	+ 9 33.2	1.222	2.179	9.0	20.1
3 12	9 24.10	+10 18.7	1.287	2.195	13.8	20.4
3 22	9 20.42	+10 52.4	1.372	2.211	17.8	20.7

361173 2006 LZ_5 2 14.1 195.°22 1.°0/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.95	+13 40.3	2.105	2.933	12.3	21.7
1 22	10 7.20	+14 26.8	2.023	2.930	9.0	21.5
2 1	9 59.39	+15 22.2	1.966	2.927	5.2	21.2
2 11	9 50.22	+16 21.0	1.938	2.923	1.4	21.0
2 21	9 40.61	+17 17.4	1.941	2.919	3.5	21.1
3 2	9 31.58	+18 5.7	1.973	2.914	7.5	21.3
3 12	9 24.07	+18 42.2	2.032	2.908	11.1	21.5
3 22	9 18.72	+19 5.2	2.114	2.901	14.2	21.7

249543 2010 HA_{40} 2 14.1 291.°67 7.°2/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.20	− 8 52.4	2.409	3.136	13.8	20.0
1 22	10 5.06	− 9 48.8	2.308	3.123	11.8	19.8
2 1	9 58.12	−10 27.5	2.230	3.110	9.6	19.6
2 11	9 49.93	−10 46.5	2.177	3.098	7.9	19.5
2 21	9 41.23	−10 45.4	2.152	3.085	7.2	19.4
3 2	9 32.88	−10 26.2	2.154	3.073	8.3	19.5
3 12	9 25.73	− 9 53.3	2.182	3.061	10.3	19.6
3 22	9 20.38	− 9 12.0	2.234	3.048	12.6	19.7

384214 2009 CJ_{32} 2 14.1 347.°76 0.°8/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.87	+13 18.7	1.959	2.798	12.6	20.8
1 22	10 3.58	+13 53.3	1.881	2.794	9.2	20.6
2 1	9 57.30	+14 37.2	1.827	2.790	5.3	20.4
2 11	9 49.73	+15 25.4	1.801	2.787	1.3	20.1
2 21	9 41.75	+16 12.2	1.804	2.784	3.4	20.2
3 2	9 34.38	+16 52.3	1.835	2.781	7.4	20.5
3 12	9 28.52	+17 21.9	1.891	2.779	11.1	20.7
3 22	9 24.78	+17 38.9	1.970	2.778	14.3	20.9

244311 2002 GE_{107} 2 14.1 348.°96 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.69	+ 9 18.3	1.564	2.405	15.1	19.7
1 22	10 3.15	+10 13.0	1.487	2.400	11.2	19.5
2 1	9 57.24	+11 25.2	1.434	2.396	6.6	19.2
2 11	9 49.74	+12 48.5	1.406	2.392	1.6	18.8
2 21	9 41.71	+14 14.5	1.406	2.389	3.5	19.0
3 2	9 34.37	+15 34.2	1.433	2.386	8.5	19.3
3 12	9 28.83	+16 40.6	1.485	2.384	12.9	19.5
3 22	9 25.82	+17 29.6	1.558	2.383	16.7	19.7

94752 2001 XX_{86} 2 14.1 87.°27 4.°4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.94	+ 1 40.9	1.556	2.355	17.2	18.6
1 22	10 10.29	+ 1 22.5	1.500	2.380	13.4	18.4
2 1	10 1.18	+ 1 24.2	1.467	2.405	9.1	18.2
2 11	9 50.62	+ 1 44.2	1.459	2.430	5.3	18.1
2 21	9 39.85	+ 2 18.2	1.479	2.454	4.9	18.1
3 2	9 30.17	+ 3 0.0	1.526	2.478	8.2	18.4
3 12	9 22.62	+ 3 43.0	1.600	2.501	12.0	18.6
3 22	9 17.79	+ 4 21.8	1.696	2.524	15.4	18.9

57313 2001 QM_{220} 2 14.1 86.°57 2.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.99	+ 4 36.9	1.425	2.249	17.2	19.9
1 22	10 7.07	+ 5 6.1	1.360	2.259	13.1	19.7
2 1	9 59.52	+ 5 57.1	1.316	2.269	8.3	19.5
2 11	9 50.27	+ 7 4.8	1.298	2.279	3.5	19.2
2 21	9 40.59	+ 8 21.7	1.306	2.289	3.7	19.2
3 2	9 31.84	+ 9 38.7	1.342	2.298	8.5	19.5
3 12	9 25.22	+10 47.4	1.402	2.308	13.0	19.8
3 22	9 21.40	+11 42.8	1.484	2.317	16.9	20.1

459767 2013 QC_{70} 2 14.1 190.°03 3.°0/17.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.79	+ 0 22.0	2.190	2.976	13.3	21.6
1 22	10 4.06	+ 0 57.6	2.101	2.975	10.4	21.4
2 1	9 57.52	+ 1 52.1	2.037	2.974	7.1	21.2
2 11	9 49.78	+ 3 2.8	2.000	2.973	3.9	21.0
2 21	9 41.65	+ 4 24.6	1.993	2.971	3.4	21.0
3 2	9 34.00	+ 5 51.2	2.015	2.968	6.4	21.2
3 12	9 27.67	+ 7 15.9	2.066	2.966	9.8	21.4
3 22	9 23.24	+ 8 32.9	2.142	2.963	12.9	21.6

432210 2009 EK_{12} 2 14.1 256.°55 0.°4/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.42	+12 4.8	2.522	3.347	10.6	21.3
1 22	10 2.91	+12 45.0	2.432	3.338	7.7	21.1
2 1	9 56.78	+13 33.9	2.369	3.329	4.5	20.9
2 11	9 49.61	+14 27.3	2.335	3.320	1.0	20.6
2 21	9 42.07	+15 20.7	2.331	3.311	2.7	20.7
3 2	9 34.94	+16 9.6	2.357	3.302	6.1	20.9
3 12	9 28.95	+16 50.2	2.410	3.292	9.3	21.1
3 22	9 24.64	+17 20.4	2.488	3.283	12.1	21.3

465960 2011 BG_{102} 2 14.1 28.°66 1.°6/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.54	+14 17.3	1.706	2.551	13.9	21.0
1 22	10 5.02	+15 13.2	1.638	2.554	10.1	20.8
2 1	9 58.23	+16 19.5	1.594	2.558	5.8	20.5
2 11	9 49.97	+17 29.0	1.577	2.561	1.8	20.3
2 21	9 41.30	+18 34.2	1.588	2.565	4.2	20.4
3 2	9 33.39	+19 28.2	1.627	2.569	8.6	20.7
3 12	9 27.27	+20 6.8	1.690	2.574	12.5	20.9
3 22	9 23.57	+20 28.5	1.775	2.579	15.8	21.2

82563 2001 OP_{78} 2 14.1 131.°53 4.°3/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.44	+23 5.2	1.914	2.758	12.6	19.9
1 22	10 8.41	+24 4.2	1.853	2.767	9.3	19.7
2 1	10 0.11	+25 3.8	1.817	2.775	6.0	19.5
2 11	9 50.40	+25 56.1	1.810	2.782	4.3	19.4
2 21	9 40.38	+26 34.8	1.831	2.790	6.1	19.5
3 2	9 31.21	+26 55.6	1.880	2.797	9.4	19.7
3 12	9 23.89	+26 57.8	1.954	2.803	12.6	19.9
3 22	9 19.04	+26 42.8	2.049	2.810	15.4	20.1

139895 2001 RX_{94} 2 14.1 125.°36 0.°6/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.18	+14 24.3	2.425	3.251	10.9	20.1
1 22	10 5.56	+14 40.0	2.351	3.257	7.9	19.9
2 1	9 58.27	+15 1.1	2.303	3.263	4.6	19.7
2 11	9 49.95	+15 24.1	2.284	3.270	1.1	19.4
2 21	9 41.39	+15 45.1	2.296	3.276	2.8	19.6
3 2	9 33.40	+16 1.0	2.338	3.281	6.3	19.8
3 12	9 26.75	+16 9.5	2.407	3.287	9.4	20.0
3 22	9 21.92	+16 9.7	2.500	3.293	12.1	20.2

343398 2010 CO_{168} 2 14.1 0.°33 3.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.06	+ 0 38.2	2.079	2.873	13.7	20.8
1 22	10 2.87	+ 0 57.6	1.995	2.872	10.7	20.6
2 1	9 56.85	+ 1 35.4	1.934	2.872	7.4	20.4
2 11	9 49.65	+ 2 29.4	1.900	2.872	4.2	20.2
2 21	9 42.06	+ 3 35.2	1.895	2.872	3.7	20.1
3 2	9 35.00	+ 4 46.9	1.918	2.872	6.6	20.3
3 12	9 29.29	+ 5 58.0	1.969	2.873	10.0	20.5
3 22	9 25.51	+ 7 3.1	2.043	2.873	13.1	20.7

292317 2006 SG_{164} 2 14.1 121.°76 2.°6/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.45	+ 1 54.0	2.513	3.301	11.7	21.3
1 22	10 2.82	+ 2 15.5	2.434	3.310	9.1	21.1
2 1	9 56.67	+ 2 51.4	2.379	3.318	6.1	21.0
2 11	9 49.59	+ 3 39.2	2.353	3.326	3.3	20.8
2 21	9 42.23	+ 4 35.4	2.356	3.334	3.0	20.8
3 2	9 35.36	+ 5 35.1	2.389	3.342	5.6	21.0
3 12	9 29.63	+ 6 33.6	2.451	3.349	8.5	21.2
3 22	9 25.53	+ 7 26.9	2.538	3.356	11.2	21.3

143542 2003 EC_{30} 2 14.1 314.°91 0.°7/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.39	+13 34.3	2.140	2.975	11.8	20.0
1 22	10 3.87	+14 3.1	2.054	2.964	8.7	19.8
2 1	9 57.46	+14 40.2	1.992	2.954	5.0	19.6
2 11	9 49.80	+15 21.0	1.959	2.944	1.2	19.3
2 21	9 41.72	+16 0.8	1.954	2.934	3.2	19.4
3 2	9 34.15	+16 34.7	1.979	2.925	7.0	19.6
3 12	9 27.96	+16 59.4	2.030	2.916	10.6	19.8
3 22	9 23.76	+17 13.0	2.103	2.907	13.7	20.0

456671 2007 RK_{82} 2 14.1 109.°90 1.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.31	+16 3.2	1.796	2.629	13.8	22.4
1 22	10 10.39	+16 36.9	1.740	2.650	10.0	22.2
2 1	10 1.20	+17 16.5	1.709	2.671	5.8	22.0
2 11	9 50.66	+17 55.8	1.707	2.691	1.9	21.7
2 21	9 39.93	+18 28.9	1.734	2.711	4.1	21.9
3 2	9 30.21	+18 51.4	1.790	2.729	8.2	22.2
3 12	9 22.47	+19 1.2	1.872	2.748	11.9	22.5
3 22	9 17.28	+18 58.3	1.976	2.765	15.0	22.7

337368 2001 PW_{46} 2 14.1 83.°81 4.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.39	+25 12.7	2.325	3.167	10.7	20.5
1 22	10 5.80	+26 26.6	2.280	3.190	7.9	20.4
2 1	9 58.42	+27 38.5	2.262	3.214	5.4	20.2
2 11	9 49.99	+28 41.7	2.273	3.237	4.4	20.2
2 21	9 41.39	+29 30.7	2.314	3.260	6.0	20.4
3 2	9 33.53	+30 2.4	2.383	3.283	8.5	20.6
3 12	9 27.19	+30 15.9	2.477	3.306	11.0	20.8
3 22	9 22.85	+30 12.9	2.593	3.328	13.2	20.9

36573 2000 QJ_{122} 2 14.1 68.°17 1.°7/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.75	+ 8 29.0	1.445	2.276	16.7	19.1
1 22	10 9.05	+ 8 25.6	1.380	2.285	12.5	18.8
2 1	10 0.66	+ 8 37.2	1.337	2.294	7.7	18.6
2 11	9 50.57	+ 8 59.9	1.320	2.303	2.8	18.3
2 21	9 40.08	+ 9 28.4	1.330	2.313	3.6	18.4
3 2	9 30.60	+ 9 56.9	1.367	2.322	8.5	18.7
3 12	9 23.33	+10 20.1	1.429	2.332	13.0	19.0
3 22	9 18.94	+10 34.8	1.511	2.341	16.9	19.2

499271 2009 VW_{57} 2 14.1 9.°98 9.°4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.57	−13 16.4	1.813	2.539	17.8	20.5
1 22	10 3.55	−13 51.9	1.732	2.539	15.4	20.4
2 1	9 57.39	−13 58.6	1.670	2.541	12.8	20.2
2 11	9 49.80	−13 34.1	1.629	2.542	10.6	20.1
2 21	9 41.73	−12 39.4	1.613	2.544	9.4	20.0
3 2	9 34.25	−11 19.5	1.622	2.546	10.1	20.0
3 12	9 28.37	− 9 43.2	1.656	2.549	12.2	20.2
3 22	9 24.75	− 8 0.2	1.713	2.552	14.8	20.3

329048 2011 AZ_{51} 2 14.1 246.°50 2.°7/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.78	+ 3 21.0	2.055	2.856	13.5	21.5
1 22	10 4.96	+ 3 34.7	1.961	2.846	10.5	21.3
2 1	9 58.15	+ 4 4.8	1.892	2.836	7.0	21.1
2 11	9 49.98	+ 4 49.0	1.849	2.826	3.5	20.8
2 21	9 41.31	+ 5 43.2	1.835	2.815	3.4	20.8
3 2	9 33.12	+ 6 41.9	1.851	2.804	6.8	21.0
3 12	9 26.34	+ 7 39.1	1.893	2.793	10.5	21.2
3 22	9 21.61	+ 8 30.0	1.959	2.782	13.8	21.4

309905 2009 ET_{25} 2 14.1 39.°08 1.°3/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.05	+13 7.8	1.338	2.191	16.5	20.5
1 22	10 6.54	+13 58.9	1.280	2.200	12.0	20.3
2 1	9 59.27	+15 3.3	1.244	2.209	6.9	20.0
2 11	9 50.25	+16 12.9	1.233	2.219	1.8	19.7
2 21	9 40.82	+17 18.3	1.249	2.229	4.5	19.9
3 2	9 32.44	+18 11.4	1.291	2.240	9.7	20.2
3 12	9 26.33	+18 47.3	1.356	2.251	14.2	20.5
3 22	9 23.15	+19 4.7	1.441	2.263	18.0	20.8

218371 2004 JN_{22} 2 14.1 190.°08 0.°1/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.17	+11 34.2	2.273	3.092	11.8	21.6
1 22	10 6.48	+12 1.2	2.189	3.091	8.7	21.3
2 1	9 58.92	+12 37.1	2.131	3.089	5.1	21.1
2 11	9 50.15	+13 17.9	2.102	3.087	1.2	20.8
2 21	9 41.00	+13 58.9	2.104	3.085	2.8	21.0
3 2	9 32.40	+14 35.7	2.135	3.081	6.6	21.2
3 12	9 25.19	+15 4.8	2.194	3.078	10.0	21.4
3 22	9 19.94	+15 24.3	2.277	3.073	13.0	21.6

132385 2002 GY_{85} 2 14.1 153.°08 5.°9/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.50	+28 17.0	1.988	2.827	12.4	20.3
1 22	10 10.68	+29 29.5	1.930	2.836	9.4	20.1
2 1	10 1.46	+30 37.9	1.899	2.844	6.8	20.0
2 11	9 50.75	+31 33.6	1.895	2.852	6.0	19.9
2 21	9 39.72	+32 10.0	1.920	2.858	7.7	20.0
3 2	9 29.60	+32 23.8	1.973	2.864	10.5	20.2
3 12	9 21.46	+32 15.3	2.050	2.870	13.3	20.4
3 22	9 15.92	+31 47.7	2.147	2.874	15.8	20.6

450525 2006 BV_{71} 2 14.1 43.°57 4.°1/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.02	+18 2.7	1.215	2.080	16.9	20.7
1 22	10 7.52	+19 24.4	1.164	2.090	12.3	20.5
2 1	9 59.94	+20 54.9	1.136	2.101	7.3	20.2
2 11	9 50.43	+22 22.2	1.132	2.113	4.1	20.1
2 21	9 40.50	+23 34.8	1.154	2.125	6.9	20.3
3 2	9 31.80	+24 24.6	1.201	2.137	11.6	20.6
3 12	9 25.67	+24 48.6	1.270	2.150	16.0	20.8
3 22	9 22.77	+24 48.4	1.357	2.164	19.6	21.1

268497 2005 YY_{56} 2 14.1 304.°16 1.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.52	+ 9 2.4	1.847	2.671	13.9	20.8
1 22	10 6.37	+ 9 5.1	1.764	2.666	10.4	20.5
2 1	9 59.02	+ 9 19.7	1.704	2.660	6.4	20.3
2 11	9 50.21	+ 9 43.0	1.672	2.655	2.2	20.0
2 21	9 40.92	+10 10.7	1.668	2.650	3.1	20.0
3 2	9 32.28	+10 38.1	1.693	2.646	7.4	20.3
3 12	9 25.28	+11 0.8	1.743	2.641	11.4	20.5
3 22	9 20.61	+11 15.8	1.816	2.637	14.8	20.7

9170 1988 TG_{5} 2 14.1 108.°76 2.°0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.78	+ 5 53.6	1.539	2.358	16.4	18.3
1 22	10 8.90	+ 6 15.6	1.476	2.374	12.4	18.1
2 1	10 0.51	+ 6 55.7	1.436	2.389	7.8	17.8
2 11	9 50.56	+ 7 49.3	1.423	2.404	3.1	17.6
2 21	9 40.26	+ 8 49.7	1.437	2.419	3.5	17.6
3 2	9 30.94	+ 9 49.5	1.479	2.433	8.1	17.9
3 12	9 23.70	+10 42.0	1.547	2.447	12.4	18.2
3 22	9 19.17	+11 23.1	1.637	2.460	16.1	18.5

182421 2001 RC_{103} 2 14.1 99.°36 0.°3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.02	+12 37.4	2.248	3.075	11.6	20.3
1 22	10 4.88	+12 59.0	2.172	3.078	8.5	20.1
2 1	9 57.97	+13 28.4	2.122	3.082	5.0	19.9
2 11	9 49.94	+14 1.5	2.100	3.085	1.1	19.6
2 21	9 41.62	+14 34.2	2.108	3.089	2.8	19.8
3 2	9 33.87	+15 2.3	2.146	3.093	6.5	20.0
3 12	9 27.51	+15 22.7	2.210	3.096	9.9	20.2
3 22	9 23.05	+15 34.0	2.298	3.100	12.7	20.4

244032 2001 SW_{218} 2 14.1 211.°86 2.°1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.94	+16 21.1	1.751	2.588	13.9	21.4
1 22	10 9.83	+17 3.5	1.670	2.582	10.2	21.1
2 1	10 1.16	+17 53.8	1.613	2.575	6.0	20.9
2 11	9 50.75	+18 45.2	1.585	2.568	2.2	20.6
2 21	9 39.77	+19 30.5	1.585	2.560	4.6	20.7
3 2	9 29.52	+20 3.8	1.614	2.552	9.0	21.0
3 12	9 21.19	+20 22.0	1.668	2.543	13.1	21.2
3 22	9 15.53	+20 24.6	1.743	2.533	16.6	21.4

236117 2005 SA_{112} 2 14.1 184.°39 1.°2/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.14	+ 9 13.8	1.691	2.510	15.2	21.2
1 22	10 10.65	+ 9 18.2	1.611	2.511	11.4	20.9
2 1	10 1.60	+ 9 35.3	1.556	2.511	6.9	20.7
2 11	9 50.86	+10 1.4	1.527	2.511	2.3	20.4
2 21	9 39.59	+10 31.4	1.527	2.509	3.3	20.4
3 2	9 29.12	+11 0.1	1.556	2.507	8.1	20.7
3 12	9 20.62	+11 23.0	1.611	2.505	12.4	21.0
3 22	9 14.81	+11 37.2	1.688	2.501	16.1	21.2

386232 2007 YD_{63} 2 14.1 136.°61 3.°4/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.43	+ 1 18.5	2.704	3.477	11.4	21.4
1 22	10 5.62	+ 0 52.3	2.620	3.484	8.9	21.2
2 1	9 58.29	+ 0 37.7	2.562	3.491	6.3	21.0
2 11	9 50.02	+ 0 34.2	2.532	3.497	4.0	20.9
2 21	9 41.49	+ 0 40.1	2.533	3.503	3.7	20.9
3 2	9 33.42	+ 0 53.1	2.564	3.509	5.7	21.0
3 12	9 26.49	+ 1 9.8	2.623	3.514	8.3	21.2
3 22	9 21.19	+ 1 27.0	2.708	3.520	10.7	21.4

52299 1991 NJ_1 2 14.1 178.°24 1.°4/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.64	+13 43.1	1.895	2.724	13.3	20.2
1 22	10 8.63	+14 42.5	1.818	2.727	9.7	20.0
2 1	10 0.35	+15 52.2	1.767	2.729	5.6	19.8
2 11	9 50.55	+17 5.4	1.745	2.730	1.7	19.5
2 21	9 40.28	+18 14.7	1.753	2.730	4.0	19.7
3 2	9 30.71	+19 13.6	1.790	2.729	8.2	19.9
3 12	9 22.87	+19 57.8	1.853	2.728	12.1	20.1
3 22	9 17.44	+20 25.8	1.939	2.725	15.3	20.4

103592 2000 CB_9 2 14.1 66.°36 3.°5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.66	+ 3 57.5	1.289	2.114	18.6	19.6
1 22	10 8.49	+ 3 56.2	1.227	2.126	14.3	19.4
2 1	10 0.46	+ 4 17.2	1.187	2.137	9.4	19.1
2 11	9 50.58	+ 4 57.3	1.170	2.149	4.6	18.9
2 21	9 40.27	+ 5 50.1	1.179	2.160	4.5	18.9
3 2	9 31.05	+ 6 47.4	1.215	2.172	9.0	19.2
3 12	9 24.18	+ 7 40.9	1.274	2.184	13.7	19.5
3 22	9 20.39	+ 8 24.9	1.353	2.196	17.7	19.8

418264 2008 EW_{29} 2 14.1 313.°20 0.°9/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.20	+ 9 47.0	1.610	2.449	14.8	20.8
1 22	10 4.30	+11 16.1	1.531	2.444	10.9	20.5
2 1	9 57.98	+13 4.4	1.476	2.438	6.3	20.3
2 11	9 50.02	+15 3.7	1.448	2.433	1.5	19.9
2 21	9 41.45	+17 3.3	1.449	2.429	4.1	20.1
3 2	9 33.52	+18 52.4	1.478	2.424	9.0	20.4
3 12	9 27.38	+20 23.1	1.532	2.420	13.3	20.6
3 22	9 23.78	+21 31.4	1.608	2.415	17.0	20.8

226947 2004 TU_{358} 2 14.1 102.°88 0.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.59	+12 36.0	2.022	2.853	12.6	20.9
1 22	10 5.44	+13 20.5	1.955	2.864	9.2	20.7
2 1	9 58.35	+14 14.4	1.913	2.874	5.3	20.4
2 11	9 50.06	+15 12.2	1.900	2.885	1.3	20.2
2 21	9 41.47	+16 8.0	1.916	2.896	3.2	20.3
3 2	9 33.57	+16 56.4	1.961	2.906	7.2	20.6
3 12	9 27.21	+17 33.7	2.033	2.916	10.7	20.8
3 22	9 22.96	+17 58.1	2.128	2.926	13.7	21.1

460496 2014 SQ_{311} 2 14.1 208.°91 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.99	+15 10.6	1.961	2.793	12.9	21.7
1 22	10 8.16	+15 52.9	1.878	2.788	9.4	21.5
2 1	10 0.08	+16 43.3	1.820	2.782	5.5	21.3
2 11	9 50.50	+17 35.9	1.791	2.775	1.7	21.0
2 21	9 40.42	+18 24.4	1.791	2.768	3.9	21.1
3 2	9 30.97	+19 3.4	1.821	2.760	8.1	21.4
3 12	9 23.18	+19 29.4	1.876	2.752	11.9	21.6
3 22	9 17.73	+19 41.3	1.954	2.743	15.1	21.8

385029 2012 TU_{296} 2 14.1 187.°05 4.°0/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.61	− 2 5.3	2.568	3.335	12.1	21.3
1 22	10 2.99	− 2 5.3	2.478	3.334	9.7	21.1
2 1	9 56.84	− 1 49.5	2.412	3.334	7.0	20.9
2 11	9 49.70	− 1 18.8	2.374	3.333	4.7	20.8
2 21	9 42.24	− 0 35.9	2.365	3.333	4.1	20.8
3 2	9 35.20	+ 0 15.4	2.385	3.332	5.9	20.9
3 12	9 29.27	+ 1 10.2	2.433	3.331	8.6	21.0
3 22	9 24.94	+ 2 3.9	2.506	3.329	11.2	21.2

459370 2012 JV_{27} 2 14.1 267.°58 2.°2/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.00	+15 20.2	2.034	2.871	12.2	22.1
1 22	10 5.35	+16 38.8	1.937	2.851	8.9	21.8
2 1	9 58.53	+18 8.6	1.867	2.830	5.2	21.5
2 11	9 50.17	+19 42.6	1.826	2.808	2.3	21.3
2 21	9 41.14	+21 12.7	1.814	2.787	4.6	21.4
3 2	9 32.51	+22 31.2	1.832	2.764	8.6	21.6
3 12	9 25.33	+23 33.1	1.876	2.742	12.3	21.8
3 22	9 20.34	+24 16.1	1.942	2.719	15.6	22.0

214387 2005 MG_2 2 14.1 178.°94 3.°1/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.30	+20 33.9	2.371	3.205	10.8	20.8
1 22	10 7.32	+21 36.2	2.297	3.207	7.9	20.6
2 1	9 59.44	+22 41.4	2.250	3.209	4.9	20.4
2 11	9 50.34	+23 43.1	2.233	3.209	3.1	20.3
2 21	9 40.89	+24 35.5	2.246	3.209	4.8	20.4
3 2	9 32.00	+25 14.5	2.290	3.208	7.9	20.6
3 12	9 24.56	+25 37.8	2.359	3.207	10.8	20.8
3 22	9 19.11	+25 45.6	2.452	3.205	13.4	21.0

314706 2006 SC_1 2 14.1 54.°82 1.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.19	+ 8 46.4	1.504	2.337	16.0	21.4
1 22	10 7.09	+ 9 3.5	1.442	2.349	11.9	21.2
2 1	9 59.51	+ 9 35.7	1.404	2.362	7.2	20.9
2 11	9 50.37	+10 18.2	1.391	2.375	2.3	20.7
2 21	9 40.89	+11 4.6	1.405	2.388	3.4	20.8
3 2	9 32.38	+11 48.2	1.446	2.401	8.2	21.1
3 12	9 25.91	+12 23.6	1.513	2.415	12.5	21.4
3 22	9 22.11	+12 47.7	1.600	2.428	16.2	21.6

495268 2013 QC_{27} 2 14.1 238.°87 2.°2/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.16	+ 3 4.0	2.075	2.875	13.4	21.8
1 22	10 4.54	+ 3 44.6	1.979	2.865	10.4	21.5
2 1	9 57.96	+ 4 43.7	1.908	2.854	6.8	21.3
2 11	9 50.02	+ 5 58.1	1.864	2.843	3.2	21.0
2 21	9 41.57	+ 7 22.3	1.850	2.831	3.1	21.0
3 2	9 33.56	+ 8 49.2	1.866	2.819	6.7	21.2
3 12	9 26.92	+10 11.9	1.909	2.807	10.5	21.4
3 22	9 22.30	+11 24.9	1.976	2.795	13.9	21.6

218677 2005 SW_{278} 2 14.1 253.°78 3.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.75	+21 30.5	1.946	2.783	12.7	20.1
1 22	10 10.27	+21 54.5	1.860	2.771	9.4	19.9
2 1	10 1.36	+22 19.7	1.799	2.759	5.8	19.6
2 11	9 50.84	+22 39.8	1.767	2.746	3.3	19.5
2 21	9 39.80	+22 49.6	1.764	2.733	5.2	19.5
3 2	9 29.46	+22 45.5	1.790	2.719	8.9	19.7
3 12	9 20.95	+22 26.5	1.841	2.706	12.6	19.9
3 22	9 14.97	+21 53.8	1.915	2.692	15.8	20.1

364775 2007 YF_{37} 2 14.1 121.°89 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.64	+15 10.8	1.895	2.728	13.2	21.6
1 22	10 8.48	+15 54.3	1.833	2.743	9.6	21.4
2 1	10 0.16	+16 44.9	1.796	2.758	5.5	21.2
2 11	9 50.52	+17 36.5	1.788	2.772	1.7	21.0
2 21	9 40.61	+18 22.8	1.809	2.786	3.9	21.2
3 2	9 31.54	+18 59.0	1.860	2.799	7.9	21.4
3 12	9 24.25	+19 22.0	1.936	2.812	11.5	21.7
3 22	9 19.33	+19 31.3	2.035	2.824	14.6	21.9

264447 2000 TK_{26} 2 14.1 228.°29 4.°5/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.13	− 0 37.4	2.210	2.984	13.6	20.6
1 22	10 6.59	− 0 59.7	2.113	2.976	10.9	20.4
2 1	9 59.10	− 1 6.3	2.041	2.967	7.9	20.2
2 11	9 50.30	− 0 57.2	1.995	2.957	5.2	20.0
2 21	9 41.00	− 0 34.3	1.979	2.947	4.7	19.9
3 2	9 32.15	− 0 1.3	1.991	2.937	7.0	20.1
3 12	9 24.65	+ 0 36.9	2.031	2.927	10.1	20.2
3 22	9 19.13	+ 1 15.6	2.095	2.916	13.1	20.4

158956 2004 RA_{157} 2 14.1 136.°90 0.°9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.97	+ 8 40.6	2.102	2.919	12.7	21.0
1 22	10 5.69	+ 9 2.9	2.027	2.925	9.4	20.8
2 1	9 58.51	+ 9 36.7	1.976	2.932	5.7	20.6
2 11	9 50.13	+10 18.4	1.954	2.937	1.8	20.3
2 21	9 41.43	+11 3.2	1.961	2.943	2.7	20.4
3 2	9 33.35	+11 46.1	1.997	2.948	6.6	20.6
3 12	9 26.73	+12 23.0	2.061	2.953	10.2	20.9
3 22	9 22.14	+12 51.0	2.148	2.958	13.2	21.1

203464 2001 YM_{135} 2 14.1 38.°90 2.°4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.50	+15 59.6	1.160	2.022	17.8	20.0
1 22	10 8.61	+16 40.0	1.111	2.035	12.9	19.7
2 1	10 0.59	+17 30.1	1.083	2.049	7.4	19.5
2 11	9 50.65	+18 21.0	1.080	2.064	2.6	19.2
2 21	9 40.40	+19 3.2	1.101	2.080	5.4	19.4
3 2	9 31.50	+19 30.1	1.148	2.096	10.7	19.8
3 12	9 25.26	+19 38.6	1.216	2.112	15.4	20.1
3 22	9 22.32	+19 29.2	1.304	2.130	19.3	20.4

225512 2000 QS_{128} 2 14.1 211.°66 3.°3/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.79	− 0 28.8	2.547	3.318	12.0	21.2
1 22	10 4.65	− 0 10.3	2.447	3.310	9.5	21.0
2 1	9 57.88	+ 0 24.5	2.372	3.302	6.7	20.8
2 11	9 50.00	+ 1 13.8	2.325	3.292	4.0	20.6
2 21	9 41.71	+ 2 14.3	2.308	3.282	3.5	20.5
3 2	9 33.79	+ 3 21.3	2.322	3.271	5.9	20.7
3 12	9 27.00	+ 4 29.6	2.364	3.260	8.9	20.8
3 22	9 21.89	+ 5 34.1	2.432	3.248	11.7	21.0

346116 2007 VD_{115} 2 14.1 125.°71 1.°7/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.64	+ 5 25.5	2.637	3.435	10.9	21.9
1 22	10 3.63	+ 5 44.1	2.561	3.447	8.3	21.7
2 1	9 57.16	+ 6 13.9	2.511	3.458	5.3	21.5
2 11	9 49.80	+ 6 52.3	2.490	3.469	2.4	21.3
2 21	9 42.21	+ 7 35.7	2.499	3.480	2.4	21.4
3 2	9 35.10	+ 8 20.3	2.538	3.490	5.3	21.6
3 12	9 29.13	+ 9 2.1	2.606	3.500	8.2	21.8
3 22	9 24.74	+ 9 38.3	2.699	3.509	10.8	22.0

372026 2008 QV_{28} 2 14.1 209.°56 2.°7/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.52	+20 34.8	2.150	2.984	11.8	20.8
1 22	10 9.07	+20 56.8	2.071	2.981	8.6	20.5
2 1	10 0.52	+21 20.2	2.018	2.977	5.2	20.3
2 11	9 50.63	+21 39.7	1.993	2.973	2.7	20.2
2 21	9 40.37	+21 50.8	1.999	2.969	4.5	20.3
3 2	9 30.81	+21 50.4	2.033	2.964	8.0	20.5
3 12	9 22.88	+21 37.4	2.095	2.959	11.3	20.7
3 22	9 17.20	+21 12.6	2.179	2.954	14.2	20.8

428373 2007 RO_{212} 2 14.1 140.°07 3.°4/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.49	+24 18.2	2.665	3.498	9.8	21.6
1 22	10 7.18	+24 54.9	2.601	3.508	7.2	21.4
2 1	9 59.23	+25 30.2	2.564	3.518	4.7	21.3
2 11	9 50.29	+25 59.2	2.558	3.528	3.4	21.2
2 21	9 41.16	+26 18.0	2.581	3.538	4.8	21.3
3 2	9 32.67	+26 24.3	2.634	3.547	7.3	21.5
3 12	9 25.54	+26 17.4	2.715	3.555	9.8	21.7
3 22	9 20.24	+25 58.4	2.818	3.563	12.0	21.8

208354 2001 RO_{37} 2 14.1 80.°81 3.°6/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.82	− 2 37.2	2.265	3.038	13.3	20.5
1 22	10 2.54	− 1 52.2	2.187	3.050	10.5	20.3
2 1	9 56.63	− 0 47.0	2.133	3.061	7.4	20.1
2 11	9 49.69	+ 0 35.7	2.107	3.073	4.5	20.0
2 21	9 42.47	+ 2 10.7	2.110	3.084	3.7	19.9
3 2	9 35.78	+ 3 51.1	2.143	3.096	6.1	20.1
3 12	9 30.35	+ 5 29.7	2.205	3.107	9.1	20.3
3 22	9 26.67	+ 7 0.8	2.292	3.119	11.9	20.5

402344 2005 UL_{500} 2 14.1 77.°71 3.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.69	+17 10.0	1.326	2.183	16.3	20.3
1 22	10 8.57	+18 34.9	1.274	2.196	11.8	20.1
2 1	10 0.54	+20 9.2	1.244	2.209	7.0	19.8
2 11	9 50.66	+21 41.5	1.241	2.222	3.6	19.6
2 21	9 40.38	+23 0.6	1.264	2.235	6.4	19.8
3 2	9 31.26	+23 58.4	1.313	2.248	11.0	20.1
3 12	9 24.56	+24 31.6	1.386	2.261	15.2	20.4
3 22	9 20.97	+24 41.4	1.477	2.274	18.8	20.7

222763 2002 CM_{65} 2 14.1 31.°13 5.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.90	+25 34.4	1.755	2.608	13.1	19.9
1 22	10 6.88	+26 55.0	1.695	2.611	9.8	19.7
2 1	9 59.42	+28 14.8	1.660	2.614	6.8	19.5
2 11	9 50.39	+29 24.6	1.652	2.616	5.8	19.4
2 21	9 40.94	+30 16.3	1.672	2.619	7.7	19.6
3 2	9 32.35	+30 45.1	1.717	2.623	10.9	19.8
3 12	9 25.71	+30 50.3	1.786	2.626	14.1	20.0
3 22	9 21.69	+30 34.0	1.875	2.630	16.8	20.2

435915 2009 BW_{82} 2 14.1 334.°09 4.°5/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.06	+24 51.3	1.708	2.558	13.6	20.0
1 22	10 9.33	+25 3.1	1.625	2.541	10.2	19.7
2 1	10 0.94	+25 12.1	1.566	2.524	6.6	19.5
2 11	9 50.77	+25 11.8	1.533	2.508	4.5	19.3
2 21	9 40.06	+24 56.7	1.528	2.493	6.3	19.4
3 2	9 30.19	+24 24.2	1.550	2.479	10.1	19.6
3 12	9 22.38	+23 34.9	1.596	2.466	13.9	19.8
3 22	9 17.39	+22 31.4	1.663	2.453	17.3	20.0

409996 2006 WJ_5 2 14.1 57.°59 4.°4/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.91	+ 0 10.7	1.539	2.343	17.2	21.0
1 22	10 6.05	+ 0 16.0	1.481	2.362	13.4	20.8
2 1	9 58.85	+ 0 44.4	1.443	2.382	9.3	20.6
2 11	9 50.24	+ 1 33.1	1.431	2.402	5.4	20.4
2 21	9 41.34	+ 2 36.5	1.446	2.422	4.7	20.4
3 2	9 33.36	+ 3 46.8	1.487	2.443	7.9	20.7
3 12	9 27.32	+ 4 55.9	1.554	2.463	11.8	20.9
3 22	9 23.80	+ 5 57.4	1.643	2.483	15.2	21.2

83573 2001 SW_{225} 2 14.1 146.°21 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.59	+ 3 8.3	2.579	3.371	11.3	20.6
1 22	10 2.95	+ 3 34.0	2.497	3.377	8.7	20.4
2 1	9 56.82	+ 4 13.2	2.440	3.382	5.7	20.2
2 11	9 49.75	+ 5 3.3	2.411	3.387	2.9	20.1
2 21	9 42.39	+ 6 0.5	2.412	3.392	2.7	20.1
3 2	9 35.49	+ 7 0.2	2.444	3.396	5.5	20.2
3 12	9 29.70	+ 7 57.8	2.504	3.401	8.4	20.4
3 22	9 25.50	+ 8 49.5	2.589	3.405	11.1	20.6

466179 2012 KX_9 2 14.1 240.°21 4.°1/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.73	− 1 37.3	2.127	2.905	13.9	22.1
1 22	10 4.18	− 1 21.8	2.032	2.897	11.1	21.9
2 1	9 57.74	− 0 46.4	1.959	2.888	7.9	21.7
2 11	9 50.00	+ 0 7.6	1.913	2.879	5.0	21.5
2 21	9 41.79	+ 1 16.2	1.896	2.869	4.3	21.5
3 2	9 34.02	+ 2 33.9	1.908	2.860	6.8	21.6
3 12	9 27.57	+ 3 53.5	1.948	2.850	10.1	21.8
3 22	9 23.08	+ 5 8.9	2.011	2.840	13.3	22.0

155088 2005 ST_{158} 2 14.1 69.°19 6.°2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.12	− 5 36.4	1.769	2.538	16.7	19.5
1 22	10 5.27	− 5 42.1	1.705	2.556	13.6	19.3
2 1	9 58.35	− 5 22.8	1.661	2.575	10.2	19.1
2 11	9 50.13	− 4 39.3	1.642	2.593	7.2	19.0
2 21	9 41.62	− 3 35.8	1.649	2.612	6.2	19.0
3 2	9 33.88	− 2 18.9	1.684	2.630	8.0	19.1
3 12	9 27.83	− 0 57.1	1.745	2.649	11.0	19.3
3 22	9 24.04	+ 0 22.2	1.829	2.667	14.0	19.5

120865 1998 QN_{106} 2 14.1 205.°86 3.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.18	+18 48.8	1.804	2.641	13.6	20.1
1 22	10 10.73	+19 38.1	1.724	2.636	9.9	19.8
2 1	10 1.72	+20 32.8	1.669	2.630	6.0	19.6
2 11	9 50.98	+21 25.5	1.643	2.624	3.0	19.4
2 21	9 39.67	+22 9.0	1.646	2.616	5.2	19.5
3 2	9 29.12	+22 37.8	1.677	2.608	9.3	19.7
3 12	9 20.49	+22 49.4	1.733	2.599	13.2	19.9
3 22	9 14.55	+22 44.3	1.811	2.589	16.5	20.1

277000 2004 XM_{72} 2 14.1 72.°80 1.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.35	+ 7 52.0	1.945	2.766	13.4	21.0
1 22	10 4.66	+ 8 23.3	1.870	2.771	10.0	20.8
2 1	9 57.99	+ 9 8.4	1.821	2.776	6.1	20.6
2 11	9 50.06	+10 3.0	1.798	2.782	2.0	20.3
2 21	9 41.78	+11 1.5	1.805	2.787	2.8	20.4
3 2	9 34.13	+11 57.9	1.840	2.793	6.9	20.7
3 12	9 28.01	+12 47.1	1.902	2.798	10.7	20.9
3 22	9 24.00	+13 25.8	1.987	2.804	13.9	21.1

34651 2000 WQ_{114} 2 14.1 100.°32 1.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.16	+15 51.5	1.951	2.788	12.7	19.0
1 22	10 6.70	+16 26.2	1.883	2.795	9.2	18.8
2 1	9 59.17	+17 7.2	1.839	2.802	5.3	18.6
2 11	9 50.34	+17 49.2	1.824	2.808	1.8	18.4
2 21	9 41.19	+18 26.4	1.838	2.815	3.8	18.5
3 2	9 32.77	+18 54.3	1.880	2.821	7.7	18.8
3 12	9 26.02	+19 10.1	1.949	2.828	11.3	19.0
3 22	9 21.51	+19 13.2	2.040	2.834	14.4	19.2

90293 2003 EH_{22} 2 14.1 340.°09 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.87	+ 8 53.9	2.279	3.100	11.7	19.5
1 22	10 2.66	+ 9 36.0	2.197	3.099	8.7	19.3
2 1	9 56.76	+10 29.9	2.140	3.097	5.2	19.0
2 11	9 49.77	+11 31.6	2.111	3.096	1.4	18.8
2 21	9 42.42	+12 35.8	2.112	3.094	2.5	18.9
3 2	9 35.55	+13 37.1	2.143	3.093	6.3	19.1
3 12	9 29.93	+14 30.8	2.200	3.092	9.6	19.3
3 22	9 26.10	+15 14.0	2.282	3.091	12.6	19.5

151818 2003 FW_{93} 2 14.1 342.°33 2.°6/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.58	+ 1 58.5	1.781	2.589	15.0	19.9
1 22	10 3.59	+ 2 47.8	1.699	2.587	11.6	19.6
2 1	9 57.49	+ 3 59.4	1.639	2.586	7.6	19.4
2 11	9 49.97	+ 5 29.3	1.606	2.584	3.6	19.1
2 21	9 41.96	+ 7 10.4	1.601	2.583	3.4	19.1
3 2	9 34.55	+ 8 53.9	1.626	2.582	7.3	19.3
3 12	9 28.71	+10 31.0	1.677	2.581	11.3	19.6
3 22	9 25.11	+11 55.5	1.751	2.580	14.9	19.8

380674 2005 GF_{39} 2 14.1 120.°82 3.°5/11.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.64	+23 1.2	2.314	3.153	10.9	21.3
1 22	10 6.81	+23 42.0	2.249	3.160	8.0	21.1
2 1	9 59.13	+24 22.8	2.211	3.168	5.1	21.0
2 11	9 50.32	+24 57.7	2.201	3.175	3.5	20.9
2 21	9 41.26	+25 22.2	2.221	3.182	5.0	21.0
3 2	9 32.89	+25 33.2	2.270	3.189	7.9	21.2
3 12	9 26.03	+25 29.8	2.345	3.196	10.8	21.4
3 22	9 21.20	+25 12.9	2.443	3.202	13.2	21.5

188625 2005 QX_{42} 2 14.1 229.°69 1.°4/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.25	+13 45.2	1.645	2.481	14.7	21.1
1 22	10 9.56	+14 32.4	1.559	2.471	10.9	20.8
2 1	10 1.17	+15 31.6	1.497	2.459	6.3	20.5
2 11	9 50.89	+16 36.0	1.462	2.448	1.8	20.2
2 21	9 39.89	+17 37.6	1.456	2.435	4.3	20.3
3 2	9 29.55	+18 29.0	1.478	2.422	9.2	20.6
3 12	9 21.18	+19 5.3	1.525	2.408	13.7	20.8
3 22	9 15.59	+19 24.8	1.593	2.393	17.5	21.0

280205 2002 TF_{178} 2 14.1 127.°98 1.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.73	+ 6 42.0	1.494	2.317	16.6	21.0
1 22	10 9.07	+ 7 3.3	1.426	2.326	12.5	20.7
2 1	10 0.77	+ 7 42.5	1.380	2.335	7.8	20.5
2 11	9 50.75	+ 8 35.2	1.360	2.343	2.9	20.2
2 21	9 40.28	+ 9 34.4	1.368	2.351	3.5	20.3
3 2	9 30.75	+10 32.5	1.404	2.358	8.4	20.6
3 12	9 23.33	+11 22.9	1.464	2.365	12.9	20.9
3 22	9 18.73	+12 1.3	1.546	2.372	16.8	21.1

132243 2002 EJ_{85} 2 14.1 229.°46 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.12	+10 43.3	1.981	2.803	13.1	20.9
1 22	10 7.59	+11 22.3	1.888	2.791	9.8	20.6
2 1	9 59.85	+12 13.7	1.819	2.778	5.8	20.4
2 11	9 50.56	+13 12.7	1.779	2.765	1.4	20.0
2 21	9 40.67	+14 13.1	1.769	2.750	3.2	20.2
3 2	9 31.29	+15 8.8	1.788	2.735	7.6	20.4
3 12	9 23.46	+15 54.6	1.835	2.720	11.6	20.6
3 22	9 17.90	+16 27.9	1.903	2.704	15.0	20.8

222720 2002 AB_{137} 2 14.1 139.°92 0.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.39	+11 9.8	1.994	2.822	12.8	20.8
1 22	10 5.41	+11 56.2	1.919	2.826	9.4	20.6
2 1	9 58.44	+12 53.9	1.870	2.831	5.5	20.4
2 11	9 50.19	+13 57.5	1.849	2.835	1.3	20.1
2 21	9 41.57	+15 0.9	1.858	2.839	3.1	20.2
3 2	9 33.58	+15 58.1	1.896	2.843	7.2	20.5
3 12	9 27.12	+16 44.4	1.960	2.846	10.9	20.7
3 22	9 22.78	+17 17.7	2.047	2.850	14.0	20.9

293660 2007 PD_{15} 2 14.1 188.°88 1.°2/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.80	+13 36.5	2.088	2.914	12.4	21.9
1 22	10 7.92	+14 33.0	2.007	2.914	9.1	21.6
2 1	9 59.94	+15 39.0	1.951	2.912	5.2	21.4
2 11	9 50.56	+16 48.5	1.925	2.910	1.5	21.1
2 21	9 40.73	+17 55.1	1.929	2.907	3.6	21.3
3 2	9 31.48	+18 52.6	1.963	2.902	7.6	21.5
3 12	9 23.78	+19 37.0	2.024	2.897	11.2	21.7
3 22	9 18.26	+20 6.6	2.109	2.892	14.3	21.9

169312 2001 TM_{99} 2 14.1 291.°38 1.°7/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.55	+ 6 26.7	2.207	3.018	12.4	19.9
1 22	10 4.00	+ 6 37.7	2.113	3.006	9.4	19.6
2 1	9 57.62	+ 7 1.5	2.043	2.994	6.0	19.4
2 11	9 50.01	+ 7 35.4	2.001	2.982	2.5	19.2
2 21	9 41.95	+ 8 15.7	1.988	2.970	2.8	19.1
3 2	9 34.32	+ 8 57.8	2.005	2.958	6.4	19.4
3 12	9 27.99	+ 9 37.0	2.048	2.946	9.9	19.5
3 22	9 23.55	+10 9.9	2.115	2.934	13.1	19.7

166181 2002 EW_{69} 2 14.1 262.°17 2.°8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.77	+ 3 40.9	1.633	2.447	15.9	20.4
1 22	10 6.20	+ 4 1.9	1.545	2.438	12.3	20.1
2 1	9 59.17	+ 4 43.6	1.480	2.428	8.0	19.8
2 11	9 50.42	+ 5 42.9	1.440	2.419	3.8	19.6
2 21	9 41.02	+ 6 54.1	1.428	2.409	3.7	19.5
3 2	9 32.22	+ 8 9.4	1.443	2.399	8.0	19.8
3 12	9 25.20	+ 9 20.6	1.484	2.389	12.5	20.0
3 22	9 20.74	+10 21.7	1.547	2.379	16.4	20.2

323590 2004 TZ_{264} 2 14.1 186.°21 3.°5/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.81	− 0 27.9	2.501	3.273	12.2	21.3
1 22	10 4.67	− 0 19.9	2.410	3.273	9.7	21.1
2 1	9 57.89	+ 0 3.7	2.344	3.272	6.8	20.9
2 11	9 50.06	+ 0 41.5	2.305	3.271	4.2	20.8
2 21	9 41.87	+ 1 30.5	2.297	3.269	3.7	20.7
3 2	9 34.12	+ 2 26.2	2.318	3.267	6.0	20.9
3 12	9 27.54	+ 3 23.8	2.368	3.264	8.8	21.0
3 22	9 22.66	+ 4 18.5	2.443	3.261	11.6	21.2

28898 2000 LX_{10} 2 14.1 110.°69 5.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.24	− 6 12.5	1.943	2.702	15.7	18.3
1 22	10 4.59	− 6 1.8	1.865	2.711	12.8	18.1
2 1	9 57.97	− 5 26.5	1.809	2.720	9.7	17.9
2 11	9 50.09	− 4 27.6	1.778	2.729	6.8	17.7
2 21	9 41.83	− 3 9.2	1.774	2.737	5.8	17.7
3 2	9 34.20	− 1 38.1	1.799	2.746	7.6	17.8
3 12	9 28.07	− 0 2.6	1.851	2.754	10.5	18.0
3 22	9 24.05	+ 1 29.5	1.927	2.762	13.5	18.2

21825 Zhangyizhong 2 14.1 198.°22 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.77	+13 18.4	1.985	2.812	12.9	19.3
1 22	10 7.98	+13 56.9	1.902	2.810	9.5	19.1
2 1	10 0.01	+14 44.8	1.845	2.806	5.5	18.8
2 11	9 50.59	+15 36.7	1.817	2.802	1.4	18.5
2 21	9 40.70	+16 26.6	1.818	2.797	3.5	18.7
3 2	9 31.43	+17 9.1	1.849	2.792	7.7	18.9
3 12	9 23.79	+17 40.3	1.906	2.786	11.5	19.1
3 22	9 18.42	+17 58.5	1.986	2.780	14.7	19.3

290285 2005 SH_{160} 2 14.1 257.°83 0.°9/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.58	+ 9 6.0	1.882	2.705	13.7	21.5
1 22	10 6.50	+ 9 24.0	1.794	2.696	10.3	21.3
2 1	9 59.21	+ 9 54.7	1.729	2.686	6.3	21.0
2 11	9 50.42	+10 34.5	1.692	2.676	1.9	20.7
2 21	9 41.08	+11 18.4	1.683	2.666	3.0	20.8
3 2	9 32.31	+12 0.7	1.703	2.655	7.4	21.0
3 12	9 25.13	+12 36.5	1.750	2.645	11.5	21.2
3 22	9 20.26	+13 2.6	1.818	2.634	15.0	21.4

85330 1995 QO 2 14.1 90.°55 1.°6/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.89	+16 56.6	2.104	2.933	12.2	20.6
1 22	10 9.08	+17 24.9	2.053	2.961	8.8	20.4
2 1	10 0.39	+17 57.1	2.029	2.989	5.1	20.2
2 11	9 50.63	+18 28.1	2.033	3.017	1.8	20.1
2 21	9 40.79	+18 53.1	2.068	3.044	3.7	20.2
3 2	9 31.83	+19 8.9	2.133	3.070	7.2	20.5
3 12	9 24.57	+19 13.9	2.225	3.096	10.4	20.8
3 22	9 19.50	+19 8.1	2.339	3.122	13.1	21.0

129479 1993 TO_{41} 2 14.1 74.°18 1.°1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.91	+14 8.4	2.035	2.870	12.3	20.0
1 22	10 5.04	+14 50.2	1.962	2.873	9.0	19.8
2 1	9 58.22	+15 40.1	1.914	2.877	5.2	19.5
2 11	9 50.16	+16 33.0	1.895	2.880	1.4	19.3
2 21	9 41.74	+17 23.0	1.904	2.883	3.5	19.4
3 2	9 33.95	+18 4.9	1.943	2.886	7.4	19.7
3 12	9 27.68	+18 35.2	2.008	2.889	10.9	19.9
3 22	9 23.50	+18 52.6	2.095	2.893	13.9	20.1

122358 2000 QM_{49} 2 14.1 202.°89 0.°1/14.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.41	+11 4.6	2.231	3.046	12.1	21.7
1 22	10 8.27	+11 42.6	2.141	3.040	9.0	21.5
2 1	10 0.13	+12 30.9	2.076	3.034	5.3	21.2
2 11	9 50.63	+13 25.0	2.040	3.026	1.3	20.9
2 21	9 40.65	+14 19.6	2.036	3.017	2.9	21.0
3 2	9 31.17	+15 9.4	2.062	3.007	6.9	21.3
3 12	9 23.12	+15 50.3	2.116	2.996	10.5	21.5
3 22	9 17.13	+16 20.0	2.194	2.984	13.6	21.7

423018 2003 SN_{412} 2 14.1 119.°80 0.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.13	+ 9 17.5	2.157	2.976	12.3	22.1
1 22	10 5.06	+ 9 44.6	2.083	2.983	9.1	21.9
2 1	9 58.17	+10 22.7	2.033	2.990	5.5	21.7
2 11	9 50.14	+11 7.9	2.012	2.997	1.6	21.4
2 21	9 41.79	+11 55.4	2.021	3.003	2.6	21.5
3 2	9 34.04	+12 40.2	2.059	3.010	6.5	21.8
3 12	9 27.71	+13 18.2	2.124	3.016	9.9	22.0
3 22	9 23.32	+13 46.9	2.213	3.022	12.9	22.2

490854 2010 XB_{67} 2 14.1 134.°19 1.°0/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.28	+ 7 16.4	2.296	3.101	12.1	22.4
1 22	10 6.47	+ 7 50.2	2.225	3.117	9.1	22.2
2 1	9 58.92	+ 8 35.8	2.180	3.133	5.5	22.0
2 11	9 50.31	+ 9 29.5	2.165	3.147	1.9	21.8
2 21	9 41.44	+10 26.3	2.179	3.162	2.5	21.9
3 2	9 33.19	+11 21.3	2.225	3.175	6.1	22.1
3 12	9 26.32	+12 10.0	2.299	3.187	9.4	22.3
3 22	9 21.35	+12 49.6	2.397	3.199	12.2	22.6

408991 2002 TL_{277} 2 14.1 108.°56 7.°4/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.70	− 9 45.6	1.908	2.646	16.6	21.5
1 22	10 5.68	− 9 55.9	1.835	2.660	14.0	21.3
2 1	9 58.62	− 9 39.7	1.782	2.673	11.0	21.2
2 11	9 50.26	− 8 56.8	1.753	2.686	8.5	21.0
2 21	9 41.54	− 7 50.0	1.750	2.699	7.4	21.0
3 2	9 33.50	− 6 25.5	1.775	2.711	8.5	21.1
3 12	9 27.06	− 4 51.9	1.827	2.723	11.0	21.3
3 22	9 22.80	− 3 17.6	1.902	2.735	13.8	21.5

25440 1999 WR_7 2 14.1 5.°89 3.°6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.73	+18 8.5	1.346	2.207	15.8	18.0
1 22	10 6.52	+19 11.6	1.283	2.207	11.5	17.8
2 1	9 59.45	+20 23.0	1.243	2.208	6.9	17.5
2 11	9 50.50	+21 33.2	1.228	2.209	3.6	17.3
2 21	9 41.01	+22 32.2	1.239	2.211	6.2	17.5
3 2	9 32.53	+23 12.5	1.275	2.214	10.9	17.7
3 12	9 26.33	+23 30.9	1.334	2.217	15.2	18.0
3 22	9 23.16	+23 27.9	1.412	2.221	18.9	18.2

152868 1999 XH_{251} 2 14.1 123.°32 2.°9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.86	+16 57.0	1.676	2.515	14.4	20.9
1 22	10 10.38	+18 12.3	1.621	2.534	10.4	20.7
2 1	10 1.42	+19 34.8	1.590	2.552	6.1	20.5
2 11	9 50.93	+20 55.2	1.589	2.570	2.9	20.4
2 21	9 40.14	+22 5.1	1.616	2.587	5.2	20.5
3 2	9 30.34	+22 58.1	1.671	2.603	9.3	20.8
3 12	9 22.63	+23 31.4	1.752	2.618	13.1	21.1
3 22	9 17.62	+23 45.5	1.854	2.632	16.2	21.3

82087 2001 DR_2 2 14.1 215.°04 0.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.97	+12 21.6	1.668	2.499	14.8	20.9
1 22	10 10.01	+12 57.2	1.584	2.492	11.0	20.7
2 1	10 1.41	+13 45.0	1.524	2.485	6.4	20.4
2 11	9 50.99	+14 39.1	1.491	2.476	1.5	20.0
2 21	9 39.90	+15 32.4	1.487	2.467	3.8	20.2
3 2	9 29.52	+16 18.1	1.511	2.458	8.7	20.4
3 12	9 21.09	+16 51.4	1.561	2.447	13.2	20.7
3 22	9 15.40	+17 10.2	1.632	2.436	17.0	20.9

154830 2004 RT_{12} 2 14.1 124.°85 3.°5/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.81	+24 18.8	2.478	3.307	10.6	20.8
1 22	10 9.64	+24 55.8	2.421	3.327	7.8	20.7
2 1	10 0.70	+25 30.9	2.392	3.346	5.0	20.5
2 11	9 50.73	+25 58.8	2.393	3.364	3.5	20.5
2 21	9 40.62	+26 15.4	2.424	3.381	5.0	20.6
3 2	9 31.29	+26 18.4	2.485	3.398	7.6	20.8
3 12	9 23.51	+26 7.5	2.574	3.414	10.3	21.0
3 22	9 17.78	+25 44.4	2.685	3.429	12.5	21.2

102116 1999 RM_{170} 2 14.1 71.°37 0.°7/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.33	+ 8 48.9	1.492	2.324	16.2	19.8
1 22	10 7.89	+ 9 23.6	1.438	2.345	11.9	19.6
2 1	9 59.98	+10 13.8	1.407	2.366	7.1	19.3
2 11	9 50.58	+11 13.5	1.402	2.387	2.0	19.1
2 21	9 40.93	+12 15.0	1.425	2.408	3.4	19.2
3 2	9 32.32	+13 11.1	1.475	2.429	8.2	19.5
3 12	9 25.81	+13 56.2	1.551	2.449	12.5	19.8
3 22	9 21.98	+14 27.4	1.647	2.470	16.0	20.1

408829 2001 QO_{158} 2 14.1 87.°55 1.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.18	+16 36.8	1.814	2.646	13.8	20.8
1 22	10 11.03	+16 46.5	1.759	2.668	10.0	20.6
2 1	10 1.64	+17 0.6	1.728	2.689	5.8	20.4
2 11	9 50.96	+17 14.1	1.726	2.711	1.7	20.2
2 21	9 40.15	+17 22.5	1.753	2.732	3.8	20.4
3 2	9 30.37	+17 22.6	1.810	2.752	7.9	20.6
3 12	9 22.60	+17 13.1	1.893	2.773	11.6	20.9
3 22	9 17.35	+16 54.2	1.998	2.792	14.6	21.2

383762 2007 VE_{228} 2 14.1 74.°57 3.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.62	+ 1 13.7	2.270	3.054	12.9	21.4
1 22	10 5.21	+ 1 6.4	2.206	3.077	10.1	21.2
2 1	9 58.16	+ 1 13.9	2.166	3.100	7.0	21.1
2 11	9 50.13	+ 1 34.6	2.154	3.122	4.2	20.9
2 21	9 41.91	+ 2 5.4	2.170	3.144	3.7	20.9
3 2	9 34.33	+ 2 42.2	2.217	3.167	6.1	21.1
3 12	9 28.12	+ 3 20.4	2.290	3.189	9.0	21.3
3 22	9 23.74	+ 3 56.2	2.389	3.210	11.7	21.5

129346 2222 P–L 2 14.1 91.°83 0.°9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.61	+ 8 43.1	1.946	2.764	13.5	20.9
1 22	10 6.92	+ 9 3.8	1.884	2.783	10.0	20.7
2 1	9 59.26	+ 9 36.4	1.847	2.802	6.0	20.5
2 11	9 50.40	+10 16.7	1.837	2.821	1.9	20.3
2 21	9 41.32	+10 59.8	1.857	2.839	2.8	20.4
3 2	9 33.02	+11 40.4	1.906	2.857	6.8	20.7
3 12	9 26.36	+12 14.5	1.982	2.875	10.4	20.9
3 22	9 21.88	+12 39.4	2.080	2.892	13.5	21.2

248818 2006 SZ_{217} 2 14.1 76.°87 26.°6/22.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 27.38	−42 41.6	1.030	1.584	37.1	20.0
1 22	10 20.07	−45 43.4	1.018	1.623	35.1	19.9
2 1	10 7.93	−47 40.3	1.009	1.662	33.1	19.9
2 11	9 52.59	−48 20.6	1.005	1.700	31.1	19.9
2 21	9 36.62	−47 39.5	1.008	1.736	29.3	19.9
3 2	9 22.94	−45 41.6	1.021	1.772	27.8	19.9
3 12	9 13.65	−42 43.0	1.045	1.806	26.9	20.0
3 22	9 9.53	−39 5.2	1.083	1.840	26.6	20.1

416187 2002 TP_{65} 2 14.1 106.°42 10.°8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 24.89	+46 43.9	2.212	3.008	12.9	21.4
1 22	10 16.43	+48 45.7	2.200	3.037	11.5	21.3
2 1	10 5.02	+50 26.6	2.213	3.066	10.9	21.3
2 11	9 51.81	+51 37.4	2.252	3.094	11.2	21.4
2 21	9 38.34	+52 13.3	2.315	3.122	12.2	21.5
3 2	9 26.22	+52 14.7	2.401	3.148	13.6	21.7
3 12	9 16.71	+51 46.2	2.506	3.173	15.0	21.8
3 22	9 10.44	+50 54.8	2.626	3.198	16.2	22.0

69352 1994 AR_5 2 14.1 293.°02 1.°0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.98	+13 11.4	1.502	2.347	15.4	20.1
1 22	10 7.43	+13 47.9	1.413	2.329	11.4	19.8
2 1	10 0.08	+14 37.8	1.347	2.310	6.7	19.5
2 11	9 50.72	+15 34.7	1.306	2.292	1.7	19.1
2 21	9 40.53	+16 30.9	1.293	2.274	4.3	19.2
3 2	9 30.98	+17 18.5	1.307	2.255	9.6	19.5
3 12	9 23.43	+17 51.8	1.344	2.237	14.4	19.7
3 22	9 18.79	+18 8.5	1.401	2.220	18.5	19.9

126452 2002 CC_{24} 2 14.1 69.°95 3.°3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.94	+ 1 19.4	1.385	2.199	18.2	19.9
1 22	10 7.02	+ 2 1.9	1.331	2.222	14.0	19.7
2 1	9 59.54	+ 3 10.2	1.298	2.245	9.2	19.4
2 11	9 50.51	+ 4 38.7	1.290	2.268	4.5	19.2
2 21	9 41.19	+ 6 18.4	1.309	2.291	4.0	19.3
3 2	9 32.92	+ 7 58.5	1.356	2.313	8.3	19.6
3 12	9 26.82	+ 9 29.4	1.427	2.336	12.6	19.9
3 22	9 23.46	+10 45.0	1.521	2.358	16.4	20.2

495338 2014 ML_{37} 2 14.1 235.°82 1.°4/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.30	+ 8 53.4	1.676	2.498	15.1	21.5
1 22	10 9.47	+ 8 52.3	1.590	2.491	11.4	21.3
2 1	10 1.08	+ 9 4.2	1.528	2.483	7.1	21.0
2 11	9 50.93	+ 9 25.8	1.492	2.475	2.5	20.7
2 21	9 40.15	+ 9 52.5	1.484	2.467	3.4	20.7
3 2	9 30.07	+10 19.2	1.505	2.458	8.1	21.0
3 12	9 21.88	+10 41.0	1.551	2.449	12.6	21.2
3 22	9 16.36	+10 54.8	1.620	2.440	16.4	21.5

170968 2005 CK_{19} 2 14.1 334.°13 1.°0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.91	+ 9 2.1	1.403	2.243	16.6	20.2
1 22	10 6.59	+ 9 21.6	1.326	2.237	12.4	19.9
2 1	9 59.51	+ 9 57.9	1.272	2.232	7.6	19.6
2 11	9 50.56	+10 46.3	1.242	2.227	2.3	19.3
2 21	9 40.97	+11 39.8	1.239	2.222	3.6	19.3
3 2	9 32.19	+12 30.6	1.262	2.218	8.9	19.6
3 12	9 25.51	+13 12.1	1.309	2.214	13.8	19.9
3 22	9 21.73	+13 40.4	1.376	2.211	17.9	20.1

368597 2004 RM_{104} 2 14.1 97.°74 5.°6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 9.79	− 7 12.8	2.184	2.928	14.6	21.3
1 22	10 4.73	− 7 2.8	2.114	2.949	12.0	21.2
2 1	9 57.95	− 6 30.5	2.067	2.970	9.1	21.1
2 11	9 50.11	− 5 36.9	2.045	2.990	6.6	20.9
2 21	9 42.03	− 4 25.9	2.052	3.010	5.6	20.9
3 2	9 34.58	− 3 3.3	2.087	3.030	7.0	21.0
3 12	9 28.52	− 1 36.2	2.151	3.049	9.5	21.2
3 22	9 24.34	− 0 11.3	2.239	3.067	12.1	21.4

113875 2002 TP_{260} 2 14.1 48.°45 6.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.19	+22 50.3	1.149	2.017	17.5	18.6
1 22	10 10.08	+24 11.6	1.104	2.029	12.9	18.4
2 1	10 1.60	+25 34.6	1.081	2.042	8.3	18.2
2 11	9 51.04	+26 46.1	1.082	2.056	6.2	18.1
2 21	9 40.12	+27 35.0	1.108	2.070	8.7	18.3
3 2	9 30.67	+27 55.5	1.158	2.084	13.0	18.6
3 12	9 24.11	+27 48.0	1.229	2.099	17.2	18.9
3 22	9 21.06	+27 16.6	1.317	2.114	20.6	19.1

215999 2005 SV_{242} 2 14.1 115.°95 1.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 6.85	+ 4 56.8	2.714	3.512	10.7	20.8
1 22	10 2.38	+ 5 25.0	2.635	3.520	8.1	20.6
2 1	9 56.51	+ 6 4.8	2.582	3.529	5.2	20.4
2 11	9 49.78	+ 6 53.6	2.557	3.537	2.3	20.2
2 21	9 42.81	+ 7 47.5	2.563	3.544	2.3	20.3
3 2	9 36.27	+ 8 42.3	2.600	3.552	5.2	20.5
3 12	9 30.78	+ 9 34.0	2.665	3.560	8.0	20.6
3 22	9 26.79	+10 19.4	2.755	3.567	10.6	20.8

469035 2015 AQ_{250} 2 14.1 22.°57 2.°8/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.44	+21 12.0	1.497	2.345	15.3	20.3
1 22	10 11.73	+20 59.9	1.437	2.353	11.2	20.0
2 1	10 2.27	+20 47.2	1.401	2.363	6.7	19.8
2 11	9 51.18	+20 28.5	1.391	2.374	3.0	19.6
2 21	9 39.88	+20 0.1	1.409	2.385	5.1	19.8
3 2	9 29.82	+19 20.4	1.455	2.397	9.4	20.0
3 12	9 22.17	+18 30.2	1.525	2.410	13.5	20.3
3 22	9 17.51	+17 31.6	1.616	2.424	17.0	20.6

350688 2001 VD_{25} 2 14.1 68.°23 2.°3/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.56	+16 0.6	1.312	2.162	16.8	20.4
1 22	10 10.53	+16 46.9	1.266	2.185	12.2	20.1
2 1	10 1.63	+17 41.6	1.243	2.207	7.0	19.9
2 11	9 51.03	+18 35.8	1.246	2.230	2.5	19.7
2 21	9 40.25	+19 21.0	1.275	2.252	5.1	19.9
3 2	9 30.80	+19 51.1	1.331	2.275	10.0	20.3
3 12	9 23.87	+20 3.6	1.410	2.297	14.3	20.6
3 22	9 20.05	+19 59.3	1.509	2.319	17.8	20.8

210799 2001 FK_{29} 2 14.1 352.°36 16.°8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 8.76	−24 7.6	1.206	1.900	26.6	19.4
1 22	10 5.59	−25 10.0	1.134	1.899	24.3	19.2
2 1	9 59.23	−25 23.8	1.073	1.898	21.7	19.0
2 11	9 50.57	−24 39.5	1.027	1.897	19.2	18.8
2 21	9 41.02	−22 53.5	0.999	1.897	17.3	18.7
3 2	9 32.33	−20 11.8	0.991	1.897	16.9	18.7
3 12	9 26.10	−16 50.9	1.004	1.897	18.1	18.7
3 22	9 23.30	−13 12.5	1.037	1.897	20.6	18.9

359017 2008 UA_{296} 2 14.1 37.°84 5.°8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.92	+23 23.5	1.177	2.043	17.3	20.4
1 22	10 10.56	+24 20.9	1.129	2.054	12.8	20.2
2 1	10 1.87	+25 18.6	1.104	2.065	8.2	20.0
2 11	9 51.13	+26 4.9	1.102	2.077	5.8	19.9
2 21	9 40.06	+26 30.7	1.125	2.089	8.2	20.0
3 2	9 30.46	+26 31.4	1.172	2.102	12.5	20.3
3 12	9 23.73	+26 7.7	1.240	2.116	16.7	20.6
3 22	9 20.48	+25 23.7	1.327	2.130	20.2	20.9

136978 1998 RH_{65} 2 14.1 123.°98 0.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.90	+11 48.0	1.939	2.764	13.3	20.7
1 22	10 7.96	+12 19.8	1.873	2.778	9.7	20.5
2 1	9 59.94	+13 1.4	1.832	2.791	5.7	20.3
2 11	9 50.64	+13 47.8	1.818	2.804	1.3	20.0
2 21	9 41.05	+14 33.3	1.835	2.816	3.1	20.2
3 2	9 32.23	+15 12.8	1.881	2.828	7.3	20.5
3 12	9 25.09	+15 42.5	1.953	2.839	11.0	20.7
3 22	9 20.22	+16 0.9	2.049	2.850	14.1	20.9

211652 2003 UV_{238} 2 14.1 105.°94 2.°2/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.39	+16 53.9	1.631	2.474	14.5	20.8
1 22	10 9.44	+17 29.6	1.567	2.482	10.6	20.6
2 1	10 0.97	+18 11.7	1.528	2.490	6.2	20.4
2 11	9 50.91	+18 53.5	1.515	2.499	2.3	20.2
2 21	9 40.48	+19 28.0	1.531	2.507	4.6	20.3
3 2	9 31.02	+19 50.4	1.574	2.515	9.0	20.6
3 12	9 23.62	+19 58.0	1.642	2.522	13.0	20.8
3 22	9 18.93	+19 51.1	1.731	2.530	16.4	21.1

376445 2012 HT_{48} 2 14.1 153.°90 1.°3/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.44	+14 42.2	2.528	3.354	10.5	21.5
1 22	10 5.13	+15 40.4	2.455	3.363	7.6	21.3
2 1	9 58.18	+16 45.2	2.410	3.370	4.4	21.1
2 11	9 50.21	+17 51.5	2.394	3.378	1.5	20.9
2 21	9 41.95	+18 54.1	2.409	3.384	3.2	21.1
3 2	9 34.20	+19 48.3	2.455	3.391	6.5	21.3
3 12	9 27.68	+20 30.9	2.528	3.396	9.5	21.5
3 22	9 22.91	+21 0.7	2.625	3.401	12.0	21.7

54623 2000 SR_{34} 2 14.1 211.°78 2.°6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.18	+20 37.7	2.496	3.331	10.3	19.8
1 22	10 5.73	+21 10.3	2.418	3.329	7.5	19.6
2 1	9 58.56	+21 44.6	2.367	3.327	4.6	19.4
2 11	9 50.31	+22 15.8	2.346	3.324	2.6	19.2
2 21	9 41.75	+22 39.7	2.354	3.322	4.1	19.3
3 2	9 33.74	+22 53.1	2.392	3.319	7.1	19.5
3 12	9 27.05	+22 54.6	2.457	3.316	10.0	19.7
3 22	9 22.19	+22 44.2	2.544	3.314	12.5	19.9

500688 2012 VF_{91} 2 14.1 164.°70 3.°2/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.67	+ 0 2.0	2.736	3.511	11.2	22.1
1 22	10 3.00	+ 0 8.8	2.649	3.513	8.8	21.9
2 1	9 56.91	+ 0 29.5	2.586	3.516	6.2	21.8
2 11	9 49.91	+ 1 2.6	2.552	3.518	3.8	21.6
2 21	9 42.62	+ 1 45.4	2.547	3.520	3.4	21.6
3 2	9 35.75	+ 2 34.0	2.572	3.522	5.4	21.7
3 12	9 29.91	+ 3 24.3	2.626	3.524	8.0	21.9
3 22	9 25.57	+ 4 12.2	2.705	3.525	10.5	22.1

134461 1998 SN_{139} 2 14.1 133.°50 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.72	+11 15.4	2.180	2.996	12.3	20.3
1 22	10 8.34	+11 39.4	2.112	3.012	9.1	20.1
2 1	10 0.08	+12 12.3	2.070	3.027	5.3	19.9
2 11	9 50.68	+12 49.7	2.057	3.042	1.3	19.7
2 21	9 41.02	+13 27.0	2.074	3.056	2.7	19.8
3 2	9 32.07	+14 0.1	2.122	3.069	6.6	20.1
3 12	9 24.66	+14 25.5	2.197	3.081	10.0	20.3
3 22	9 19.32	+14 41.6	2.296	3.092	12.9	20.5

363763 2005 EF_{15} 2 14.1 350.°65 0.°9/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 6.88	+ 7 42.4	1.220	2.071	17.8	20.6
1 22	10 3.93	+ 8 24.9	1.148	2.065	13.4	20.4
2 1	9 58.10	+ 9 30.3	1.097	2.059	8.1	20.0
2 11	9 50.29	+10 52.5	1.070	2.055	2.4	19.7
2 21	9 41.80	+12 21.4	1.068	2.051	3.9	19.8
3 2	9 34.16	+13 45.8	1.090	2.049	9.6	20.1
3 12	9 28.77	+14 56.5	1.136	2.048	14.8	20.4
3 22	9 26.43	+15 47.8	1.200	2.048	19.2	20.6

125779 2001 XL_{145} 2 14.1 156.°50 6.°1/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.73	+28 50.9	2.140	2.982	11.5	20.0
1 22	10 7.99	+30 24.3	2.082	2.987	8.9	19.9
2 1	10 0.06	+31 54.3	2.050	2.992	6.7	19.7
2 11	9 50.71	+33 12.2	2.048	2.997	6.2	19.7
2 21	9 40.96	+34 11.0	2.073	3.002	7.8	19.8
3 2	9 31.94	+34 46.7	2.126	3.005	10.4	20.0
3 12	9 24.62	+34 58.8	2.203	3.009	13.0	20.2
3 22	9 19.65	+34 49.9	2.300	3.012	15.2	20.3

204288 2004 OH_5 2 14.1 147.°70 1.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.29	+ 8 58.2	1.781	2.599	14.6	21.3
1 22	10 9.92	+ 9 11.9	1.709	2.608	10.9	21.1
2 1	10 1.21	+ 9 38.2	1.661	2.617	6.6	20.9
2 11	9 51.01	+10 13.2	1.641	2.625	2.1	20.6
2 21	9 40.42	+10 51.5	1.650	2.632	3.1	20.7
3 2	9 30.65	+11 27.7	1.688	2.639	7.6	21.0
3 12	9 22.74	+11 57.4	1.752	2.645	11.6	21.2
3 22	9 17.34	+12 17.8	1.839	2.650	15.1	21.5

295763 2008 UQ_{158} 2 14.2 55.°61 1.°0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.53	+10 13.2	1.392	2.229	16.9	21.1
1 22	10 9.90	+10 12.0	1.324	2.233	12.6	20.8
2 1	10 1.42	+10 24.3	1.278	2.238	7.6	20.5
2 11	9 51.09	+10 45.9	1.258	2.242	2.3	20.2
2 21	9 40.27	+11 11.2	1.264	2.247	3.7	20.3
3 2	9 30.46	+11 34.3	1.298	2.252	8.9	20.6
3 12	9 22.94	+11 50.4	1.355	2.258	13.6	20.9
3 22	9 18.45	+11 56.9	1.433	2.263	17.6	21.2

3725 Valsecchi 2 14.2 121.°25 2.°1/12.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.26	+18 50.2	2.160	2.990	11.9	18.7
1 22	10 9.49	+19 15.7	2.098	3.006	8.6	18.5
2 1	10 0.77	+19 43.6	2.061	3.021	5.1	18.3
2 11	9 50.88	+20 8.8	2.054	3.036	2.2	18.1
2 21	9 40.78	+20 27.0	2.077	3.050	4.0	18.3
3 2	9 31.50	+20 34.9	2.130	3.064	7.5	18.5
3 12	9 23.88	+20 31.3	2.210	3.077	10.7	18.7
3 22	9 18.44	+20 16.7	2.313	3.090	13.4	18.9

176972 2002 XC_{62} 2 14.2 175.°18 2.°0/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.38	+ 5 31.9	2.335	3.130	12.3	20.7
1 22	10 7.39	+ 5 39.9	2.250	3.134	9.3	20.5
2 1	9 59.59	+ 6 0.0	2.190	3.136	6.0	20.3
2 11	9 50.62	+ 6 29.9	2.159	3.138	2.7	20.0
2 21	9 41.29	+ 7 6.0	2.159	3.139	2.8	20.0
3 2	9 32.50	+ 7 44.1	2.189	3.139	6.1	20.3
3 12	9 25.04	+ 8 20.1	2.247	3.139	9.5	20.5
3 22	9 19.50	+ 8 50.6	2.330	3.138	12.4	20.7

42570 1996 YA_2 2 14.2 0.°33 5.°6/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 4.79	+18 47.4	1.050	1.932	17.5	16.6
1 22	10 2.82	+20 39.4	0.994	1.928	12.8	16.3
2 1	9 57.62	+22 44.0	0.959	1.926	7.9	16.0
2 11	9 50.22	+24 46.0	0.948	1.926	5.6	15.9
2 21	9 42.15	+26 29.5	0.960	1.927	8.8	16.0
3 2	9 35.18	+27 42.9	0.995	1.929	13.7	16.3
3 12	9 30.83	+28 21.5	1.049	1.934	18.3	16.6
3 22	9 29.87	+28 27.0	1.120	1.940	22.2	16.9

363563 2003 YW_{27} 2 14.2 40.°48 4.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.13	+21 22.0	1.411	2.266	15.6	20.1
1 22	10 10.32	+21 57.0	1.354	2.274	11.5	19.8
2 1	10 1.62	+22 33.9	1.320	2.282	7.0	19.6
2 11	9 51.13	+23 4.3	1.312	2.291	4.1	19.5
2 21	9 40.29	+23 21.0	1.330	2.300	6.3	19.6
3 2	9 30.65	+23 19.8	1.374	2.309	10.6	19.9
3 12	9 23.45	+23 0.3	1.441	2.319	14.7	20.1
3 22	9 19.32	+22 24.8	1.529	2.329	18.1	20.4

497462 2005 YA_{98} 2 14.2 190.°75 5.°3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.85	+25 53.2	2.112	2.957	11.5	21.2
1 22	10 6.67	+27 26.4	2.045	2.956	8.7	21.0
2 1	9 59.34	+28 59.5	2.006	2.955	6.2	20.8
2 11	9 50.58	+30 23.9	1.995	2.954	5.4	20.8
2 21	9 41.37	+31 32.0	2.012	2.953	7.2	20.9
3 2	9 32.79	+32 18.9	2.058	2.951	10.0	21.1
3 12	9 25.82	+32 43.2	2.128	2.949	12.8	21.2
3 22	9 21.12	+32 46.2	2.218	2.947	15.3	21.4

340599 2006 QF_{32} 2 14.2 183.°38 3.°5/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.04	− 2 17.5	2.642	3.407	11.8	20.9
1 22	10 2.64	− 1 49.0	2.550	3.407	9.4	20.7
2 1	9 56.76	− 1 3.4	2.483	3.407	6.7	20.5
2 11	9 49.93	− 0 2.7	2.443	3.407	4.3	20.4
2 21	9 42.79	+ 1 9.7	2.434	3.406	3.6	20.3
3 2	9 36.04	+ 2 28.7	2.455	3.405	5.6	20.5
3 12	9 30.34	+ 3 48.7	2.505	3.404	8.3	20.6
3 22	9 26.18	+ 5 4.8	2.580	3.403	10.9	20.8

291496 2006 DA_{139} 2 14.2 277.°26 3.°8/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.35	+20 3.2	1.487	2.339	15.1	20.0
1 22	10 9.90	+20 50.5	1.413	2.331	11.2	19.8
2 1	10 1.52	+21 43.1	1.361	2.324	6.8	19.5
2 11	9 51.16	+22 32.1	1.336	2.316	3.8	19.3
2 21	9 40.14	+23 9.2	1.338	2.308	6.2	19.4
3 2	9 30.02	+23 28.4	1.366	2.300	10.7	19.7
3 12	9 22.16	+23 27.5	1.418	2.293	15.0	19.9
3 22	9 17.36	+23 7.7	1.489	2.285	18.7	20.1

175407 2006 OH_{16} 2 14.2 234.°36 0.°7/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.33	+ 9 45.3	2.551	3.363	10.9	21.0
1 22	10 5.12	+ 9 58.2	2.457	3.353	8.1	20.8
2 1	9 58.26	+10 19.8	2.388	3.343	4.9	20.6
2 11	9 50.31	+10 47.2	2.349	3.333	1.5	20.4
2 21	9 41.98	+11 17.2	2.341	3.323	2.3	20.4
3 2	9 34.07	+11 46.0	2.362	3.312	5.8	20.6
3 12	9 27.32	+12 10.3	2.412	3.301	9.0	20.8
3 22	9 22.27	+12 28.1	2.487	3.290	11.8	21.0

105046 2000 KP_{48} 2 14.2 199.°82 0.°3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.12	+11 11.9	2.173	2.996	12.1	20.4
1 22	10 5.94	+11 57.9	2.089	2.993	8.9	20.2
2 1	9 58.84	+12 54.7	2.030	2.989	5.2	19.9
2 11	9 50.46	+13 57.5	2.000	2.985	1.2	19.7
2 21	9 41.66	+15 0.4	2.000	2.981	2.9	19.8
3 2	9 33.37	+15 57.9	2.030	2.976	6.9	20.0
3 12	9 26.49	+16 45.5	2.087	2.971	10.5	20.2
3 22	9 21.60	+17 20.7	2.168	2.965	13.6	20.4

369896 2012 TC_{210} 2 14.2 213.°41 4.°6/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.99	+26 13.9	2.310	3.152	10.8	20.7
1 22	10 6.54	+27 10.2	2.241	3.150	8.1	20.5
2 1	9 59.15	+28 4.8	2.197	3.148	5.6	20.4
2 11	9 50.53	+28 51.3	2.183	3.146	4.6	20.3
2 21	9 41.56	+29 24.2	2.197	3.144	6.2	20.4
3 2	9 33.22	+29 40.2	2.239	3.142	8.8	20.5
3 12	9 26.38	+29 38.5	2.306	3.140	11.5	20.7
3 22	9 21.62	+29 20.5	2.395	3.137	13.9	20.9

131871 2002 AP_{157} 2 14.2 36.°65 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.82	+10 32.9	1.246	2.095	17.6	19.9
1 22	10 7.36	+11 6.3	1.187	2.104	13.0	19.7
2 1	9 59.99	+11 56.4	1.150	2.113	7.7	19.4
2 11	9 50.76	+12 56.1	1.138	2.123	1.9	19.0
2 21	9 41.09	+13 56.6	1.151	2.134	4.0	19.2
3 2	9 32.52	+14 49.4	1.190	2.145	9.5	19.6
3 12	9 26.34	+15 28.2	1.252	2.156	14.4	19.9
3 22	9 23.23	+15 50.5	1.333	2.168	18.4	20.2

218683 2005 TT_{41} 2 14.2 172.°69 0.°9/14.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.74	+ 8 50.4	2.362	3.170	11.8	21.9
1 22	10 6.91	+ 9 8.5	2.280	3.174	8.8	21.7
2 1	9 59.30	+ 9 36.6	2.223	3.177	5.3	21.5
2 11	9 50.56	+10 11.5	2.196	3.179	1.7	21.2
2 21	9 41.49	+10 49.3	2.199	3.181	2.5	21.3
3 2	9 32.95	+11 25.7	2.232	3.182	6.1	21.5
3 12	9 25.74	+11 57.2	2.294	3.182	9.5	21.7
3 22	9 20.41	+12 21.1	2.380	3.182	12.3	21.9

350289 2012 TT_{293} 2 14.2 35.°05 2.°5/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.80	+ 4 7.8	2.297	3.097	12.3	20.6
1 22	10 4.07	+ 4 8.1	2.215	3.099	9.5	20.4
2 1	9 57.66	+ 4 21.4	2.158	3.101	6.3	20.2
2 11	9 50.17	+ 4 45.9	2.128	3.104	3.2	20.0
2 21	9 42.35	+ 5 18.3	2.127	3.106	3.1	20.0
3 2	9 35.04	+ 5 54.6	2.156	3.109	6.0	20.2
3 12	9 29.00	+ 6 30.5	2.212	3.112	9.2	20.4
3 22	9 24.75	+ 7 2.3	2.292	3.114	12.1	20.6

436379 2010 OT_{117} 2 14.2 319.°32 8.°6/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.80	+35 40.6	1.949	2.792	12.5	20.6
1 22	10 7.77	+37 9.4	1.885	2.779	10.3	20.5
2 1	10 0.16	+38 29.7	1.845	2.767	8.8	20.3
2 11	9 50.82	+39 31.5	1.831	2.755	8.8	20.3
2 21	9 40.93	+40 7.6	1.842	2.743	10.4	20.4
3 2	9 31.83	+40 14.6	1.879	2.732	12.8	20.5
3 12	9 24.72	+39 53.4	1.936	2.721	15.3	20.7
3 22	9 20.33	+39 8.1	2.011	2.710	17.5	20.8

32282 Arnoldmong 2 14.2 172.°36 0.°3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.05	+12 23.1	2.868	3.685	9.6	20.1
1 22	10 3.97	+12 52.3	2.786	3.688	7.1	19.9
2 1	9 57.49	+13 28.0	2.732	3.690	4.1	19.7
2 11	9 50.12	+14 6.8	2.707	3.692	1.0	19.4
2 21	9 42.49	+14 45.3	2.713	3.693	2.3	19.6
3 2	9 35.27	+15 19.9	2.750	3.694	5.4	19.8
3 12	9 29.11	+15 48.0	2.815	3.695	8.2	20.0
3 22	9 24.45	+16 7.8	2.905	3.695	10.6	20.1

379297 2009 VJ_{68} 2 14.2 236.°81 6.°7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.91	− 7 51.6	2.256	2.992	14.4	20.9
1 22	10 5.80	− 8 23.6	2.157	2.982	12.1	20.7
2 1	9 58.80	− 8 35.7	2.080	2.972	9.7	20.5
2 11	9 50.48	− 8 26.5	2.028	2.961	7.5	20.3
2 21	9 41.64	− 7 56.9	2.004	2.950	6.8	20.3
3 2	9 33.19	− 7 10.3	2.007	2.939	8.0	20.3
3 12	9 26.02	− 6 12.2	2.038	2.927	10.4	20.4
3 22	9 20.77	− 5 9.0	2.092	2.915	13.1	20.6

55770 1992 OW 2 14.2 117.°64 6.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.62	+31 0.5	2.218	3.051	11.5	19.5
1 22	10 10.61	+32 13.0	2.173	3.072	8.9	19.3
2 1	10 1.47	+33 18.7	2.155	3.092	6.8	19.2
2 11	9 51.08	+34 9.9	2.166	3.111	6.3	19.2
2 21	9 40.51	+34 41.2	2.206	3.130	7.7	19.3
3 2	9 30.87	+34 50.4	2.273	3.148	10.0	19.5
3 12	9 23.07	+34 38.6	2.364	3.165	12.3	19.7
3 22	9 17.64	+34 8.9	2.476	3.182	14.4	19.9

376357 2011 HQ_{93} 2 14.2 18.°53 2.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.61	+ 4 52.2	1.990	2.801	13.5	21.2
1 22	10 4.20	+ 5 14.4	1.910	2.802	10.3	21.0
2 1	9 57.85	+ 5 52.4	1.853	2.803	6.6	20.8
2 11	9 50.25	+ 6 42.9	1.824	2.804	3.0	20.5
2 21	9 42.25	+ 7 41.0	1.823	2.805	3.0	20.5
3 2	9 34.83	+ 8 40.9	1.852	2.807	6.7	20.8
3 12	9 28.85	+ 9 36.8	1.906	2.808	10.3	21.0
3 22	9 24.91	+10 24.5	1.985	2.810	13.6	21.2

207540 2006 KD_{56} 2 14.2 267.°06 6.°7/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.20	− 3 49.0	1.681	2.459	17.0	20.3
1 22	10 7.34	− 4 20.2	1.587	2.445	14.0	20.0
2 1	9 59.99	− 4 28.7	1.513	2.432	10.6	19.8
2 11	9 50.84	− 4 12.9	1.463	2.418	7.6	19.6
2 21	9 40.93	− 3 34.4	1.440	2.404	6.8	19.5
3 2	9 31.53	− 2 38.2	1.443	2.390	9.1	19.6
3 12	9 23.84	− 1 32.1	1.472	2.375	12.7	19.8
3 22	9 18.72	− 0 24.3	1.522	2.361	16.3	20.0

156407 2002 AE_{42} 2 14.2 354.°89 0.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.49	+ 9 38.0	1.608	2.446	14.9	19.5
1 22	10 4.54	+10 21.7	1.533	2.444	11.0	19.3
2 1	9 58.24	+11 21.1	1.481	2.442	6.6	19.0
2 11	9 50.38	+12 30.6	1.455	2.440	1.7	18.7
2 21	9 42.01	+13 42.4	1.457	2.439	3.4	18.8
3 2	9 34.35	+14 48.9	1.486	2.439	8.2	19.1
3 12	9 28.48	+15 43.6	1.540	2.439	12.5	19.3
3 22	9 25.09	+16 23.0	1.615	2.440	16.2	19.6

455155 1996 TE_{36} 2 14.2 121.°68 2.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.97	+ 4 11.6	1.856	2.659	14.7	21.4
1 22	10 8.10	+ 4 30.9	1.788	2.675	11.2	21.2
2 1	10 0.11	+ 5 7.0	1.744	2.691	7.2	21.0
2 11	9 50.80	+ 5 56.2	1.727	2.706	3.4	20.8
2 21	9 41.18	+ 6 53.3	1.740	2.721	3.3	20.8
3 2	9 32.33	+ 7 52.0	1.781	2.735	7.0	21.1
3 12	9 25.20	+ 8 46.5	1.850	2.748	10.8	21.3
3 22	9 20.36	+ 9 32.5	1.942	2.761	14.1	21.5

44658 1999 RD_{168} 2 14.2 204.°46 0.°7/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.07	+12 24.8	1.648	2.479	14.9	19.9
1 22	10 10.15	+13 5.1	1.567	2.475	11.0	19.6
2 1	10 1.59	+13 57.8	1.510	2.470	6.5	19.4
2 11	9 51.22	+14 56.7	1.480	2.465	1.6	19.0
2 21	9 40.22	+15 54.3	1.478	2.459	3.9	19.2
3 2	9 29.96	+16 43.7	1.505	2.452	8.8	19.4
3 12	9 21.66	+17 19.9	1.558	2.444	13.2	19.7
3 22	9 16.13	+17 40.8	1.632	2.436	17.0	19.9

322360 2011 KE_{22} 2 14.2 270.°57 0.°7/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.70	+ 9 24.6	2.144	2.965	12.3	20.9
1 22	10 4.94	+ 9 46.2	2.057	2.958	9.2	20.6
2 1	9 58.29	+10 19.0	1.995	2.951	5.6	20.4
2 11	9 50.38	+10 59.4	1.960	2.945	1.7	20.1
2 21	9 42.05	+11 42.8	1.955	2.938	2.7	20.2
3 2	9 34.22	+12 24.3	1.980	2.931	6.6	20.4
3 12	9 27.77	+12 59.8	2.031	2.925	10.2	20.6
3 22	9 23.29	+13 26.3	2.106	2.918	13.4	20.8

268582 2006 BD_{126} 2 14.2 175.°92 0.°6/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.85	+ 8 48.5	2.185	3.003	12.3	20.8
1 22	10 4.97	+ 9 22.4	2.104	3.004	9.1	20.6
2 1	9 58.26	+10 8.2	2.048	3.004	5.5	20.4
2 11	9 50.37	+11 1.8	2.021	3.005	1.6	20.1
2 21	9 42.10	+11 58.2	2.023	3.005	2.6	20.2
3 2	9 34.37	+12 52.1	2.055	3.005	6.5	20.4
3 12	9 28.00	+13 38.9	2.114	3.005	10.0	20.7
3 22	9 23.56	+14 15.6	2.196	3.005	13.0	20.9

59287 1999 CC_{54} 2 14.2 246.°36 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.34	+17 13.1	2.305	3.136	11.2	18.4
1 22	10 6.73	+17 31.9	2.222	3.132	8.2	18.2
2 1	9 59.27	+17 54.6	2.166	3.127	4.8	18.0
2 11	9 50.61	+18 16.9	2.138	3.122	1.7	17.7
2 21	9 41.59	+18 34.9	2.140	3.117	3.5	17.9
3 2	9 33.15	+18 45.1	2.172	3.112	7.0	18.1
3 12	9 26.10	+18 45.5	2.231	3.106	10.2	18.3
3 22	9 21.02	+18 35.7	2.313	3.101	13.1	18.4

456723 2007 RK_{323} 2 14.2 23.°49 6.°8/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.42	− 3 11.5	1.143	1.961	21.1	20.7
1 22	10 4.27	− 3 23.8	1.086	1.970	17.0	20.5
2 1	9 58.26	− 3 2.8	1.047	1.982	12.5	20.2
2 11	9 50.41	− 2 9.7	1.030	1.994	8.3	20.0
2 21	9 42.08	− 0 50.7	1.035	2.008	6.9	20.0
3 2	9 34.80	+ 0 43.5	1.064	2.023	9.8	20.2
3 12	9 29.86	+ 2 19.9	1.116	2.039	14.0	20.5
3 22	9 27.94	+ 3 48.1	1.188	2.056	18.0	20.8

67750 2000 UN_{47} 2 14.2 150.°26 1.°3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.82	+ 7 16.1	2.059	2.865	13.3	19.8
1 22	10 8.60	+ 7 37.9	1.985	2.876	10.0	19.6
2 1	10 0.38	+ 8 12.6	1.935	2.887	6.2	19.4
2 11	9 50.89	+ 8 56.4	1.914	2.896	2.3	19.2
2 21	9 41.05	+ 9 44.4	1.923	2.905	2.8	19.2
3 2	9 31.90	+10 31.5	1.962	2.913	6.7	19.5
3 12	9 24.32	+11 13.0	2.029	2.920	10.4	19.7
3 22	9 18.91	+11 45.8	2.119	2.926	13.5	19.9

425438 2010 DK_{76} 2 14.2 186.°11 0.°8/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.93	+14 53.1	2.339	3.166	11.2	20.9
1 22	10 6.37	+15 10.2	2.259	3.166	8.2	20.7
2 1	9 59.03	+15 32.9	2.205	3.165	4.8	20.5
2 11	9 50.55	+15 57.2	2.180	3.165	1.3	20.3
2 21	9 41.76	+16 19.2	2.185	3.164	3.0	20.4
3 2	9 33.52	+16 35.4	2.220	3.164	6.6	20.6
3 12	9 26.65	+16 43.4	2.282	3.163	9.8	20.8
3 22	9 21.68	+16 42.3	2.368	3.162	12.6	21.0

233226 2005 YZ_{34} 2 14.2 316.°42 1.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.04	+ 7 4.4	1.873	2.690	14.0	20.4
1 22	10 6.12	+ 7 7.9	1.790	2.687	10.6	20.2
2 1	9 59.07	+ 7 24.9	1.731	2.683	6.7	19.9
2 11	9 50.59	+ 7 52.7	1.698	2.680	2.8	19.7
2 21	9 41.65	+ 8 27.1	1.694	2.677	3.1	19.7
3 2	9 33.33	+ 9 2.9	1.719	2.673	7.1	19.9
3 12	9 26.59	+ 9 35.3	1.770	2.670	11.1	20.2
3 22	9 22.10	+10 0.7	1.843	2.668	14.5	20.4

417669 2007 AH_2 2 14.2 56.°78 14.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 25.32	−18 18.1	1.631	2.302	21.4	20.3
1 22	10 16.86	−20 59.4	1.581	2.331	19.1	20.2
2 1	10 5.47	−23 8.7	1.551	2.361	16.9	20.1
2 11	9 52.17	−24 37.8	1.544	2.391	15.1	20.1
2 21	9 38.37	−25 22.9	1.559	2.421	14.3	20.1
3 2	9 25.63	−25 26.5	1.599	2.451	14.7	20.2
3 12	9 15.29	−24 57.0	1.660	2.481	15.9	20.3
3 22	9 8.11	−24 5.8	1.741	2.511	17.4	20.5

273300 2006 SS_{108} 2 14.2 121.°57 1.°6/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.52	+14 41.7	2.076	2.906	12.4	21.7
1 22	10 7.63	+15 44.3	2.016	2.924	8.9	21.6
2 1	9 59.78	+16 54.3	1.981	2.943	5.1	21.4
2 11	9 50.74	+18 5.4	1.976	2.960	1.8	21.2
2 21	9 41.44	+19 10.9	2.001	2.977	3.8	21.3
3 2	9 32.87	+20 5.5	2.056	2.993	7.5	21.6
3 12	9 25.89	+20 45.9	2.138	3.009	10.8	21.8
3 22	9 21.05	+21 11.2	2.243	3.024	13.6	22.0

145583 2006 PB_{14} 2 14.2 109.°81 3.°8/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.56	+22 53.4	1.993	2.828	12.6	20.0
1 22	10 11.32	+23 40.2	1.942	2.851	9.2	19.8
2 1	10 1.91	+24 26.2	1.917	2.874	5.8	19.7
2 11	9 51.25	+25 4.7	1.922	2.896	3.8	19.6
2 21	9 40.45	+25 30.1	1.956	2.917	5.6	19.7
3 2	9 30.64	+25 39.5	2.019	2.938	8.7	20.0
3 12	9 22.75	+25 32.5	2.108	2.958	11.8	20.2
3 22	9 17.31	+25 11.2	2.218	2.977	14.4	20.4

340808 2006 TF_{111} 2 14.2 242.°03 4.°5/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.38	+27 17.9	2.669	3.506	9.7	20.9
1 22	10 6.01	+28 19.0	2.588	3.494	7.3	20.7
2 1	9 58.87	+29 18.5	2.534	3.481	5.2	20.6
2 11	9 50.55	+30 10.5	2.509	3.467	4.6	20.5
2 21	9 41.82	+30 49.9	2.513	3.453	6.0	20.6
3 2	9 33.55	+31 13.3	2.546	3.439	8.3	20.7
3 12	9 26.55	+31 19.5	2.605	3.425	10.8	20.8
3 22	9 21.39	+31 9.6	2.686	3.410	13.0	21.0

229643 2006 FC_{38} 2 14.2 190.°45 0.°4/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.16	+12 1.0	2.203	3.029	11.9	20.9
1 22	10 5.21	+12 38.2	2.122	3.028	8.7	20.7
2 1	9 58.42	+13 24.7	2.068	3.028	5.1	20.5
2 11	9 50.44	+14 16.1	2.041	3.027	1.2	20.2
2 21	9 42.08	+15 7.1	2.045	3.026	2.9	20.4
3 2	9 34.26	+15 52.7	2.078	3.024	6.7	20.6
3 12	9 27.81	+16 29.2	2.138	3.023	10.2	20.8
3 22	9 23.30	+16 54.4	2.221	3.021	13.2	21.0

62232 2000 SM_{72} 2 14.2 180.°14 6.°8/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.80	+32 41.4	2.192	3.026	11.6	19.7
1 22	10 10.27	+33 49.7	2.131	3.027	9.2	19.6
2 1	10 1.45	+34 50.9	2.096	3.027	7.3	19.4
2 11	9 51.18	+35 37.1	2.088	3.028	6.9	19.4
2 21	9 40.56	+36 2.5	2.109	3.027	8.3	19.5
3 2	9 30.75	+36 4.4	2.156	3.027	10.6	19.6
3 12	9 22.79	+35 43.8	2.228	3.026	13.1	19.8
3 22	9 17.28	+35 4.0	2.319	3.024	15.3	20.0

37463 6338 P–L 2 14.2 293.°35 3.°1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.47	+ 3 8.6	1.509	2.327	16.8	19.3
1 22	10 6.20	+ 3 27.8	1.426	2.320	13.0	19.1
2 1	9 59.36	+ 4 9.5	1.365	2.313	8.6	18.8
2 11	9 50.73	+ 5 10.8	1.329	2.307	4.2	18.5
2 21	9 41.44	+ 6 25.3	1.319	2.301	4.0	18.5
3 2	9 32.81	+ 7 44.6	1.337	2.294	8.4	18.7
3 12	9 26.10	+ 8 59.8	1.379	2.288	13.0	19.0
3 22	9 22.08	+10 4.2	1.443	2.282	17.0	19.2

24875 1996 HX_{16} 2 14.2 79.°73 1.°4/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.10	+15 15.5	2.034	2.870	12.3	18.8
1 22	10 5.94	+15 55.0	1.969	2.881	8.9	18.6
2 1	9 58.84	+16 41.2	1.929	2.891	5.1	18.4
2 11	9 50.54	+17 28.7	1.917	2.902	1.6	18.1
2 21	9 41.95	+18 12.0	1.935	2.912	3.6	18.3
3 2	9 34.07	+18 46.3	1.981	2.922	7.4	18.5
3 12	9 27.73	+19 8.9	2.053	2.933	10.8	18.8
3 22	9 23.50	+19 18.8	2.148	2.943	13.7	19.0

307943 2004 FC_{66} 2 14.2 275.°14 7.°6/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.77	+31 26.0	1.889	2.732	12.8	20.0
1 22	10 10.12	+32 53.1	1.807	2.710	10.2	19.8
2 1	10 1.71	+34 16.4	1.751	2.687	8.1	19.6
2 11	9 51.32	+35 25.6	1.721	2.665	7.8	19.6
2 21	9 40.17	+36 11.9	1.719	2.641	9.6	19.6
3 2	9 29.66	+36 30.3	1.742	2.618	12.5	19.7
3 12	9 21.14	+36 20.4	1.788	2.594	15.5	19.9
3 22	9 15.46	+35 45.8	1.852	2.570	18.2	20.0

194614 2001 XD_{140} 2 14.2 355.°29 0.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.04	+11 30.9	1.135	1.995	18.2	19.9
1 22	10 6.48	+11 53.4	1.068	1.990	13.6	19.6
2 1	9 59.75	+12 32.8	1.022	1.987	8.0	19.3
2 11	9 50.85	+13 22.5	0.999	1.984	1.9	18.9
2 21	9 41.27	+14 13.6	1.000	1.983	4.3	19.1
3 2	9 32.72	+14 57.3	1.025	1.983	10.3	19.4
3 12	9 26.69	+15 27.1	1.072	1.984	15.6	19.7
3 22	9 23.99	+15 40.0	1.138	1.985	20.1	20.0

385961 2006 VL_{126} 2 14.2 53.°92 3.°2/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.02	+ 1 18.6	2.383	3.170	12.3	21.6
1 22	10 3.50	+ 1 21.8	2.299	3.172	9.6	21.4
2 1	9 57.37	+ 1 39.7	2.239	3.174	6.7	21.3
2 11	9 50.19	+ 2 10.7	2.206	3.176	3.9	21.1
2 21	9 42.69	+ 2 51.8	2.202	3.178	3.5	21.1
3 2	9 35.66	+ 3 38.8	2.228	3.180	5.9	21.2
3 12	9 29.82	+ 4 26.8	2.281	3.182	8.9	21.4
3 22	9 25.69	+ 5 11.7	2.358	3.184	11.7	21.6

413038 2001 MF_1 2 14.2 93.°60 6.°4/20.7 15 CA

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.16	−10 32.5	2.636	3.329	13.5	22.4
1 22	10 10.48	−11 5.1	2.579	3.372	11.3	22.3
2 1	10 1.24	−11 18.2	2.545	3.414	9.0	22.2
2 11	9 51.11	−11 11.3	2.539	3.454	7.2	22.1
2 21	9 40.89	−10 46.1	2.563	3.493	6.4	22.2
3 2	9 31.38	−10 6.2	2.617	3.531	7.2	22.3
3 12	9 23.26	− 9 16.7	2.699	3.568	8.9	22.4
3 22	9 16.99	− 8 23.1	2.808	3.604	10.8	22.6

165156 2000 QJ_{50} 2 14.2 214.°74 0.°2/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.99	+ 9 52.4	2.027	2.844	13.1	22.3
1 22	10 8.27	+10 32.0	1.936	2.836	9.7	22.0
2 1	10 0.38	+11 24.4	1.869	2.826	5.8	21.8
2 11	9 50.98	+12 24.8	1.831	2.816	1.5	21.5
2 21	9 41.02	+13 27.4	1.823	2.804	3.0	21.5
3 2	9 31.57	+14 25.8	1.845	2.792	7.3	21.8
3 12	9 23.63	+15 15.2	1.894	2.779	11.3	22.0
3 22	9 17.93	+15 52.3	1.966	2.766	14.6	22.2

236914 2007 TJ_{120} 2 14.2 129.°58 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.73	+13 38.5	2.383	3.210	11.0	21.1
1 22	10 4.75	+14 17.2	2.309	3.216	8.0	20.9
2 1	9 58.09	+15 3.1	2.262	3.222	4.6	20.7
2 11	9 50.38	+15 51.7	2.243	3.228	1.2	20.5
2 21	9 42.38	+16 38.2	2.255	3.234	2.9	20.6
3 2	9 34.92	+17 18.4	2.297	3.240	6.4	20.8
3 12	9 28.75	+17 49.1	2.365	3.245	9.6	21.1
3 22	9 24.37	+18 8.8	2.458	3.250	12.3	21.2

502360 2015 BJ_{223} 2 14.2 256.°48 2.°7/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.31	+18 28.4	1.960	2.803	12.4	21.6
1 22	10 6.32	+19 21.6	1.886	2.802	9.0	21.4
2 1	9 59.19	+20 20.2	1.838	2.800	5.4	21.2
2 11	9 50.68	+21 17.4	1.818	2.799	2.8	21.0
2 21	9 41.75	+22 6.8	1.826	2.797	4.8	21.2
3 2	9 33.47	+22 43.3	1.863	2.796	8.4	21.4
3 12	9 26.81	+23 3.9	1.925	2.794	11.9	21.6
3 22	9 22.41	+23 8.6	2.009	2.793	14.9	21.8

384758 2011 ST_{263} 2 14.2 231.°38 0.°9/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.00	+14 22.5	2.597	3.424	10.2	21.5
1 22	10 4.18	+14 56.9	2.511	3.418	7.5	21.3
2 1	9 57.76	+15 37.7	2.451	3.412	4.3	21.1
2 11	9 50.31	+16 20.8	2.420	3.405	1.2	20.9
2 21	9 42.52	+17 2.0	2.420	3.399	2.8	21.0
3 2	9 35.16	+17 37.4	2.450	3.392	6.1	21.2
3 12	9 28.95	+18 4.1	2.507	3.385	9.2	21.4
3 22	9 24.39	+18 20.6	2.589	3.378	11.8	21.5

170139 2003 AM_{70} 2 14.2 94.°63 8.°1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.86	+38 17.8	2.424	3.251	10.9	19.9
1 22	10 8.10	+40 13.1	2.392	3.270	9.1	19.8
2 1	10 0.19	+41 57.1	2.386	3.287	8.2	19.7
2 11	9 50.91	+43 21.4	2.408	3.305	8.4	19.8
2 21	9 41.29	+44 20.5	2.457	3.322	9.6	19.9
3 2	9 32.41	+44 52.3	2.532	3.339	11.3	20.0
3 12	9 25.25	+44 58.1	2.627	3.356	13.1	20.2
3 22	9 20.41	+44 41.8	2.740	3.373	14.5	20.3

286672 2002 ES_{137} 2 14.2 94.°45 2.°3/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.63	+18 20.1	1.921	2.760	12.8	20.6
1 22	10 7.95	+18 52.4	1.852	2.766	9.3	20.4
2 1	10 0.10	+19 28.7	1.809	2.771	5.5	20.1
2 11	9 50.89	+20 3.3	1.794	2.776	2.4	20.0
2 21	9 41.35	+20 30.8	1.807	2.781	4.4	20.1
3 2	9 32.58	+20 46.9	1.849	2.786	8.2	20.3
3 12	9 25.54	+20 49.7	1.917	2.791	11.7	20.6
3 22	9 20.84	+20 39.4	2.006	2.796	14.7	20.8

288984 2004 TZ_{52} 2 14.2 75.°83 1.°5/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.25	+14 35.7	1.429	2.272	16.2	20.5
1 22	10 10.90	+15 14.4	1.383	2.297	11.7	20.3
2 1	10 1.88	+16 2.1	1.359	2.322	6.7	20.1
2 11	9 51.31	+16 51.3	1.362	2.347	1.9	19.9
2 21	9 40.58	+17 34.3	1.392	2.371	4.4	20.1
3 2	9 31.08	+18 5.4	1.450	2.395	9.1	20.4
3 12	9 23.95	+18 21.7	1.532	2.419	13.3	20.7
3 22	9 19.72	+18 23.1	1.635	2.443	16.8	21.0

396757 2003 UR_{126} 2 14.2 149.°72 2.°6/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.10	+ 3 28.1	2.135	2.926	13.4	22.2
1 22	10 8.05	+ 3 38.7	2.058	2.937	10.3	22.0
2 1	10 0.08	+ 4 4.3	2.005	2.947	6.8	21.8
2 11	9 50.89	+ 4 42.4	1.981	2.957	3.5	21.6
2 21	9 41.36	+ 5 28.8	1.986	2.965	3.2	21.6
3 2	9 32.47	+ 6 18.5	2.022	2.973	6.5	21.8
3 12	9 25.06	+ 7 6.5	2.085	2.981	9.9	22.0
3 22	9 19.71	+ 7 48.6	2.173	2.987	13.0	22.2

375571 2008 UU_{337} 2 14.2 146.°06 1.°0/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.09	+14 22.2	2.298	3.126	11.4	21.7
1 22	10 5.80	+14 56.2	2.224	3.131	8.3	21.5
2 1	9 58.74	+15 36.9	2.175	3.136	4.8	21.3
2 11	9 50.56	+16 19.7	2.156	3.141	1.3	21.0
2 21	9 42.07	+17 0.0	2.166	3.145	3.1	21.2
3 2	9 34.16	+17 33.4	2.207	3.149	6.7	21.4
3 12	9 27.61	+17 57.1	2.274	3.153	9.9	21.6
3 22	9 22.96	+18 9.8	2.365	3.157	12.7	21.8

501382 2013 YH_{65} 2 14.2 85.°26 2.°6/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.62	+ 4 11.6	2.326	3.122	12.3	21.0
1 22	10 5.37	+ 4 3.7	2.249	3.131	9.5	20.9
2 1	9 58.45	+ 4 8.1	2.198	3.140	6.3	20.7
2 11	9 50.48	+ 4 23.2	2.174	3.149	3.3	20.5
2 21	9 42.24	+ 4 46.1	2.180	3.158	3.1	20.5
3 2	9 34.55	+ 5 13.2	2.215	3.167	6.0	20.7
3 12	9 28.16	+ 5 40.6	2.278	3.176	9.1	20.9
3 22	9 23.58	+ 6 4.8	2.366	3.186	11.8	21.1

243421 2009 BC_{187} 2 14.2 250.°62 4.°1/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.01	+ 0 14.7	2.559	3.328	12.1	20.2
1 22	10 7.14	− 0 22.5	2.458	3.316	9.7	20.0
2 1	9 59.54	− 0 47.6	2.381	3.305	7.0	19.8
2 11	9 50.78	− 1 0.4	2.333	3.293	4.7	19.6
2 21	9 41.56	− 1 1.9	2.314	3.281	4.3	19.6
3 2	9 32.72	− 0 54.3	2.326	3.269	6.4	19.7
3 12	9 25.03	− 0 40.9	2.366	3.257	9.1	19.8
3 22	9 19.08	− 0 25.2	2.431	3.244	11.8	20.0

390692 2002 XE_{79} 2 14.2 52.°85 4.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.32	+22 18.5	1.846	2.693	12.9	20.1
1 22	10 7.58	+23 23.9	1.811	2.726	9.3	20.0
2 1	9 59.76	+24 29.0	1.801	2.759	5.9	19.8
2 11	9 50.78	+25 26.0	1.819	2.793	4.1	19.8
2 21	9 41.73	+26 8.9	1.866	2.826	5.9	20.0
3 2	9 33.69	+26 34.0	1.940	2.859	9.0	20.2
3 12	9 27.51	+26 40.9	2.039	2.892	12.0	20.5
3 22	9 23.66	+26 31.2	2.159	2.925	14.5	20.7

158536 2002 GF_{81} 2 14.2 199.°36 2.°5/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.43	+18 3.0	2.092	2.931	11.9	20.0
1 22	10 6.29	+18 54.9	2.016	2.930	8.7	19.7
2 1	9 59.15	+19 52.1	1.967	2.928	5.1	19.5
2 11	9 50.69	+20 48.4	1.946	2.927	2.5	19.4
2 21	9 41.83	+21 37.8	1.954	2.925	4.4	19.5
3 2	9 33.59	+22 15.4	1.991	2.923	8.0	19.7
3 12	9 26.86	+22 38.3	2.054	2.921	11.3	19.9
3 22	9 22.25	+22 46.1	2.139	2.919	14.2	20.1

214633 2006 RP_{120} 2 14.2 218.°52 1.°2/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.93	+14 29.1	2.045	2.873	12.5	22.3
1 22	10 8.21	+15 6.8	1.958	2.866	9.2	22.1
2 1	10 0.34	+15 52.7	1.896	2.857	5.4	21.8
2 11	9 51.00	+16 41.5	1.863	2.848	1.5	21.5
2 21	9 41.15	+17 27.5	1.860	2.838	3.6	21.7
3 2	9 31.87	+18 5.4	1.886	2.828	7.7	21.9
3 12	9 24.13	+18 31.7	1.939	2.818	11.4	22.1
3 22	9 18.64	+18 44.9	2.015	2.806	14.6	22.3

395625 2011 UH_{392} 2 14.2 214.°99 2.°4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.19	+17 25.2	1.793	2.631	13.6	21.8
1 22	10 10.15	+18 9.6	1.712	2.624	10.0	21.5
2 1	10 1.59	+19 0.6	1.656	2.617	5.9	21.3
2 11	9 51.33	+19 51.5	1.627	2.610	2.5	21.0
2 21	9 40.48	+20 35.1	1.627	2.601	4.8	21.1
3 2	9 30.35	+21 6.0	1.656	2.592	9.0	21.4
3 12	9 22.08	+21 21.1	1.711	2.583	13.0	21.6
3 22	9 16.43	+21 20.3	1.786	2.573	16.4	21.8

189500 2000 AK_{125} 2 14.2 46.°20 0.°5/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.58	+10 13.4	1.521	2.359	15.6	19.0
1 22	10 6.54	+11 20.8	1.483	2.395	11.3	18.9
2 1	9 59.24	+12 41.5	1.470	2.431	6.5	18.7
2 11	9 50.68	+14 7.2	1.483	2.468	1.5	18.4
2 21	9 42.03	+15 29.0	1.524	2.505	3.6	18.6
3 2	9 34.46	+16 39.4	1.593	2.542	8.1	19.0
3 12	9 28.88	+17 33.7	1.687	2.579	12.0	19.3
3 22	9 25.79	+18 10.4	1.803	2.617	15.2	19.6

465694 2009 ST_{286} 2 14.2 106.°35 4.°0/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.91	+ 0 35.9	1.945	2.735	14.6	21.5
1 22	10 5.93	+ 0 32.9	1.867	2.741	11.5	21.4
2 1	9 58.94	+ 0 48.1	1.812	2.746	8.0	21.1
2 11	9 50.65	+ 1 19.9	1.783	2.752	4.8	21.0
2 21	9 41.97	+ 2 4.6	1.782	2.757	4.3	20.9
3 2	9 33.91	+ 2 57.0	1.810	2.762	7.0	21.1
3 12	9 27.38	+ 3 51.0	1.864	2.768	10.5	21.3
3 22	9 22.97	+ 4 41.1	1.942	2.773	13.6	21.5

181415 2006 SA_{193} 2 14.2 112.°78 1.°3/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.84	+14 23.4	1.789	2.625	13.8	21.0
1 22	10 8.20	+15 2.8	1.724	2.635	10.0	20.8
2 1	10 0.30	+15 50.8	1.683	2.645	5.8	20.6
2 11	9 50.98	+16 41.2	1.670	2.655	1.7	20.3
2 21	9 41.32	+17 27.6	1.686	2.664	3.8	20.5
3 2	9 32.48	+18 4.5	1.730	2.674	8.1	20.8
3 12	9 25.45	+18 28.6	1.800	2.683	11.9	21.0
3 22	9 20.86	+18 38.9	1.891	2.691	15.1	21.3

22176 2000 XG_{36} 2 14.2 121.°71 1.°8/15.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.95	+ 8 23.6	1.795	2.605	14.8	17.3
1 22	10 11.82	+ 8 9.2	1.727	2.620	11.1	17.1
2 1	10 2.37	+ 8 6.3	1.683	2.635	6.9	16.8
2 11	9 51.48	+ 8 12.2	1.667	2.649	2.7	16.6
2 21	9 40.29	+ 8 23.3	1.681	2.662	3.2	16.7
3 2	9 30.01	+ 8 35.7	1.724	2.675	7.4	17.0
3 12	9 21.66	+ 8 45.6	1.793	2.687	11.3	17.2
3 22	9 15.86	+ 8 50.5	1.886	2.699	14.7	17.5

435991 2009 ET_{20} 2 14.2 107.°67 6.°5/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.93	+34 44.2	2.412	3.238	11.0	20.5
1 22	10 10.86	+35 21.9	2.349	3.238	8.8	20.4
2 1	10 1.71	+35 50.6	2.312	3.239	7.0	20.3
2 11	9 51.30	+36 3.8	2.303	3.239	6.6	20.3
2 21	9 40.68	+35 57.5	2.323	3.240	7.7	20.3
3 2	9 30.93	+35 30.4	2.370	3.240	9.8	20.5
3 12	9 22.94	+34 44.3	2.442	3.241	12.1	20.6
3 22	9 17.28	+33 42.6	2.535	3.241	14.1	20.8

492437 2014 MA_{26} 2 14.2 207.°26 2.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.48	+16 45.3	1.886	2.722	13.1	22.2
1 22	10 8.81	+17 50.9	1.805	2.717	9.6	22.0
2 1	10 0.78	+19 4.8	1.749	2.711	5.6	21.7
2 11	9 51.14	+20 19.7	1.722	2.704	2.6	21.5
2 21	9 40.93	+21 27.5	1.725	2.697	4.8	21.6
3 2	9 31.34	+22 21.9	1.756	2.689	8.8	21.9
3 12	9 23.48	+22 58.9	1.813	2.680	12.6	22.1
3 22	9 18.07	+23 17.9	1.892	2.671	15.9	22.3

17877 1999 AZ_{22} 2 14.2 7.°39 5.°8/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.50	+23 32.4	1.356	2.216	15.8	17.3
1 22	10 10.25	+24 40.3	1.295	2.216	11.8	17.0
2 1	10 1.87	+25 49.9	1.257	2.216	7.8	16.8
2 11	9 51.44	+26 50.0	1.244	2.216	5.8	16.7
2 21	9 40.45	+27 30.9	1.257	2.217	8.1	16.8
3 2	9 30.59	+27 46.8	1.295	2.218	12.2	17.0
3 12	9 23.26	+27 37.2	1.355	2.219	16.2	17.3
3 22	9 19.20	+27 5.3	1.433	2.221	19.7	17.5

461148 2015 TD_{112} 2 14.2 43.°08 1.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.72	+ 6 41.2	1.345	2.182	17.4	21.0
1 22	10 6.52	+ 7 26.3	1.280	2.187	13.0	20.7
2 1	9 59.59	+ 8 33.0	1.235	2.194	8.0	20.4
2 11	9 50.87	+ 9 55.0	1.216	2.200	2.6	20.1
2 21	9 41.63	+11 22.8	1.223	2.207	3.6	20.2
3 2	9 33.30	+12 46.5	1.257	2.214	8.9	20.5
3 12	9 27.14	+13 57.6	1.315	2.221	13.7	20.8
3 22	9 23.85	+14 51.3	1.393	2.229	17.7	21.1

205776 2002 CK_{70} 2 14.2 118.°81 0.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.47	+13 27.3	1.641	2.472	15.0	20.6
1 22	10 10.99	+13 43.6	1.576	2.484	11.0	20.3
2 1	10 2.00	+14 8.9	1.534	2.495	6.4	20.1
2 11	9 51.44	+14 37.9	1.520	2.506	1.5	19.8
2 21	9 40.53	+15 4.7	1.535	2.516	3.6	20.0
3 2	9 30.59	+15 24.6	1.578	2.526	8.3	20.3
3 12	9 22.72	+15 34.3	1.647	2.536	12.5	20.5
3 22	9 17.57	+15 32.9	1.737	2.545	15.9	20.8

51106 2000 HB_{15} 2 14.2 123.°69 0.°9/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.03	+13 44.2	2.369	3.197	11.1	19.4
1 22	10 4.99	+14 23.8	2.298	3.205	8.1	19.2
2 1	9 58.27	+15 10.5	2.252	3.213	4.7	19.0
2 11	9 50.51	+15 59.8	2.235	3.220	1.2	18.8
2 21	9 42.46	+16 46.8	2.249	3.228	3.0	18.9
3 2	9 34.96	+17 27.2	2.292	3.235	6.4	19.1
3 12	9 28.76	+17 58.0	2.362	3.242	9.6	19.4
3 22	9 24.37	+18 17.6	2.457	3.249	12.3	19.5

209733 2005 EE_{173} 2 14.2 284.°10 0.°5/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.34	+ 9 58.8	1.585	2.418	15.3	21.0
1 22	10 7.64	+10 22.2	1.495	2.403	11.5	20.7
2 1	10 0.31	+11 0.6	1.427	2.387	7.0	20.4
2 11	9 51.09	+11 49.3	1.386	2.371	1.9	20.0
2 21	9 41.11	+12 41.9	1.372	2.355	3.5	20.1
3 2	9 31.73	+13 31.3	1.385	2.339	8.6	20.3
3 12	9 24.22	+14 11.3	1.424	2.323	13.3	20.6
3 22	9 19.42	+14 38.4	1.483	2.307	17.4	20.8

182431 2001 RD_{132} 2 14.2 110.°92 5.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.14	+26 21.4	1.869	2.710	13.0	20.3
1 22	10 11.34	+27 5.6	1.811	2.720	9.7	20.1
2 1	10 2.13	+27 46.5	1.779	2.731	6.6	19.9
2 11	9 51.46	+28 16.4	1.774	2.741	5.1	19.9
2 21	9 40.54	+28 29.6	1.798	2.750	6.8	20.0
3 2	9 30.63	+28 23.5	1.849	2.760	9.9	20.2
3 12	9 22.76	+27 58.7	1.925	2.769	13.0	20.4
3 22	9 17.54	+27 18.1	2.022	2.778	15.7	20.6

117266 2004 TO_7 2 14.2 164.°51 4.°4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.58	+24 15.9	2.281	3.122	11.0	20.0
1 22	10 7.06	+25 31.5	2.216	3.126	8.1	19.9
2 1	9 59.58	+26 47.4	2.176	3.130	5.5	19.7
2 11	9 50.85	+27 56.4	2.167	3.133	4.4	19.6
2 21	9 41.74	+28 52.1	2.186	3.136	6.0	19.8
3 2	9 33.26	+29 30.4	2.234	3.138	8.8	19.9
3 12	9 26.27	+29 49.8	2.308	3.140	11.6	20.1
3 22	9 21.36	+29 51.3	2.403	3.142	14.0	20.3

536 Merapi 2 14.2 136.°90 6.°5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.08	+37 17.0	2.892	3.717	9.4	14.0
1 22	10 6.48	+38 28.0	2.841	3.722	7.7	13.9
2 1	9 59.14	+39 30.6	2.817	3.727	6.7	13.8
2 11	9 50.72	+40 18.6	2.821	3.732	6.7	13.8
2 21	9 42.03	+40 48.2	2.852	3.736	7.8	13.9
3 2	9 33.94	+40 57.3	2.910	3.741	9.4	14.0
3 12	9 27.24	+40 46.8	2.990	3.745	11.1	14.1
3 22	9 22.42	+40 18.9	3.091	3.750	12.6	14.3

208999 2003 BC_1 2 14.2 298.°90 5.°8/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.61	+27 51.8	2.173	3.019	11.2	20.0
1 22	10 5.99	+29 13.0	2.086	2.996	8.6	19.8
2 1	9 59.17	+30 33.8	2.026	2.972	6.4	19.6
2 11	9 50.81	+31 46.0	1.994	2.949	5.9	19.5
2 21	9 41.83	+32 42.4	1.990	2.925	7.6	19.6
3 2	9 33.33	+33 17.8	2.012	2.902	10.4	19.7
3 12	9 26.33	+33 30.5	2.059	2.879	13.2	19.8
3 22	9 21.58	+33 21.9	2.125	2.855	15.8	20.0

141614 2002 JV_{15} 2 14.2 174.°44 3.°8/16.8 10 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 25.58	+ 0 8.6	1.701	2.472	17.1	23.3
1 22	10 17.10	+ 0 36.4	1.616	2.481	13.4	23.1
2 1	10 5.76	+ 1 27.7	1.553	2.488	9.1	22.8
2 11	9 52.45	+ 2 39.8	1.519	2.492	4.9	22.6
2 21	9 38.47	+ 4 6.2	1.516	2.494	4.4	22.6
3 2	9 25.30	+ 5 37.9	1.545	2.493	8.4	22.8
3 12	9 14.27	+ 7 5.8	1.602	2.490	12.8	23.1
3 22	9 6.21	+ 8 23.2	1.682	2.484	16.7	23.3

369328 2009 SD_{249} 2 14.2 243.°31 2.°2/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.35	+18 56.9	2.119	2.950	12.1	20.7
1 22	10 10.00	+19 18.0	2.028	2.937	8.9	20.5
2 1	10 1.43	+19 42.3	1.963	2.923	5.3	20.2
2 11	9 51.36	+20 4.5	1.926	2.909	2.3	20.0
2 21	9 40.77	+20 19.8	1.920	2.894	4.2	20.1
3 2	9 30.77	+20 24.6	1.944	2.879	8.0	20.3
3 12	9 22.37	+20 17.1	1.994	2.863	11.5	20.5
3 22	9 16.25	+19 57.5	2.066	2.847	14.7	20.7

221229 2005 UA_{158} 2 14.2 176.°61 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.12	+10 26.0	2.074	2.895	12.7	21.8
1 22	10 6.78	+10 54.2	1.995	2.897	9.4	21.6
2 1	9 59.46	+11 33.1	1.940	2.898	5.6	21.4
2 11	9 50.86	+12 18.6	1.913	2.898	1.5	21.1
2 21	9 41.86	+13 5.4	1.916	2.899	2.8	21.2
3 2	9 33.45	+13 48.5	1.949	2.899	6.8	21.5
3 12	9 26.53	+14 23.7	2.009	2.898	10.5	21.7
3 22	9 21.69	+14 48.6	2.091	2.898	13.7	21.9

255618 2006 PP_{21} 2 14.2 237.°34 0.°4/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.16	+12 3.0	2.014	2.837	12.9	21.8
1 22	10 8.51	+12 35.1	1.918	2.822	9.6	21.6
2 1	10 0.63	+13 17.7	1.848	2.807	5.7	21.3
2 11	9 51.19	+14 6.2	1.806	2.791	1.4	21.0
2 21	9 41.13	+14 55.0	1.794	2.775	3.2	21.1
3 2	9 31.55	+15 38.4	1.811	2.757	7.5	21.3
3 12	9 23.51	+16 12.2	1.855	2.739	11.5	21.5
3 22	9 17.72	+16 34.0	1.922	2.721	15.0	21.7

89297 2001 VQ_{28} 2 14.2 101.°45 3.°3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 9.01	+ 0 48.3	2.454	3.235	12.2	19.4
1 22	10 4.19	+ 0 47.1	2.374	3.243	9.6	19.3
2 1	9 57.81	+ 1 0.4	2.319	3.251	6.7	19.1
2 11	9 50.43	+ 1 26.5	2.291	3.259	4.0	18.9
2 21	9 42.78	+ 2 2.7	2.292	3.266	3.6	18.9
3 2	9 35.61	+ 2 45.1	2.323	3.274	5.8	19.1
3 12	9 29.62	+ 3 29.1	2.382	3.281	8.7	19.3
3 22	9 25.32	+ 4 10.7	2.466	3.289	11.3	19.4

250255 2003 BL_{34} 2 14.2 84.°49 1.°5/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.87	+14 17.1	1.760	2.596	13.9	20.2
1 22	10 8.16	+15 8.4	1.706	2.618	10.1	20.0
2 1	10 0.26	+16 8.1	1.678	2.640	5.8	19.8
2 11	9 51.04	+17 9.5	1.677	2.661	1.7	19.6
2 21	9 41.60	+18 5.5	1.705	2.683	3.9	19.8
3 2	9 33.06	+18 50.5	1.761	2.704	8.0	20.1
3 12	9 26.39	+19 21.3	1.843	2.724	11.8	20.3
3 22	9 22.12	+19 37.0	1.947	2.745	14.8	20.6

382304 2013 OQ_5 2 14.2 173.°67 2.°7/16.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.06	+ 3 58.9	2.337	3.126	12.5	21.7
1 22	10 7.98	+ 3 48.3	2.252	3.129	9.7	21.5
2 1	10 0.08	+ 3 50.0	2.191	3.131	6.5	21.3
2 11	9 51.02	+ 4 2.5	2.158	3.133	3.5	21.1
2 21	9 41.59	+ 4 23.3	2.156	3.134	3.3	21.1
3 2	9 32.68	+ 4 48.7	2.185	3.135	6.2	21.3
3 12	9 25.12	+ 5 14.8	2.241	3.135	9.4	21.5
3 22	9 19.47	+ 5 38.2	2.322	3.134	12.3	21.6

375487 2008 UM_{42} 2 14.2 165.°68 5.°6/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 9.64	− 7 42.5	2.616	3.346	12.8	21.8
1 22	10 4.64	− 7 53.5	2.528	3.350	10.7	21.6
2 1	9 58.08	− 7 46.1	2.462	3.354	8.3	21.5
2 11	9 50.53	− 7 20.2	2.422	3.358	6.3	21.3
2 21	9 42.64	− 6 37.9	2.411	3.360	5.6	21.3
3 2	9 35.18	− 5 42.6	2.429	3.363	6.6	21.4
3 12	9 28.83	− 4 39.6	2.475	3.365	8.8	21.5
3 22	9 24.10	− 3 34.2	2.546	3.367	11.1	21.7

270287 2001 VK_{79} 2 14.2 134.°54 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.60	+10 52.9	2.483	3.294	11.2	22.1
1 22	10 7.46	+11 23.1	2.414	3.311	8.2	21.9
2 1	9 59.69	+12 1.4	2.372	3.328	4.8	21.7
2 11	9 50.91	+12 44.1	2.359	3.344	1.2	21.5
2 21	9 41.92	+13 26.8	2.378	3.360	2.4	21.6
3 2	9 33.52	+14 5.5	2.428	3.374	5.9	21.8
3 12	9 26.44	+14 37.0	2.506	3.388	9.0	22.1
3 22	9 21.16	+14 59.6	2.608	3.401	11.6	22.3

64479 2001 VC_{45} 2 14.2 324.°73 8.°9/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.05	+33 31.9	1.712	2.562	13.6	18.7
1 22	10 8.99	+35 16.1	1.655	2.557	11.0	18.5
2 1	10 1.11	+36 52.7	1.622	2.553	9.2	18.4
2 11	9 51.33	+38 10.3	1.615	2.548	9.1	18.4
2 21	9 40.99	+39 0.0	1.634	2.544	10.9	18.5
3 2	9 31.56	+39 17.7	1.677	2.541	13.5	18.6
3 12	9 24.36	+39 4.6	1.741	2.537	16.3	18.8
3 22	9 20.13	+38 25.4	1.822	2.534	18.7	19.0

119751 2001 YL_{68} 2 14.2 78.°25 2.°0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.12	+16 9.6	1.788	2.627	13.6	19.7
1 22	10 8.32	+16 56.2	1.736	2.649	9.8	19.6
2 1	10 0.35	+17 49.0	1.709	2.671	5.7	19.4
2 11	9 51.08	+18 41.5	1.710	2.693	2.1	19.2
2 21	9 41.62	+19 27.0	1.739	2.715	4.2	19.3
3 2	9 33.08	+20 0.8	1.797	2.737	8.1	19.6
3 12	9 26.39	+20 20.3	1.881	2.758	11.7	19.9
3 22	9 22.11	+20 25.2	1.986	2.779	14.7	20.1

465713 2009 UA_{62} 2 14.2 124.°27 5.°8/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.53	+28 46.3	2.055	2.895	12.1	21.5
1 22	10 10.09	+29 46.9	2.000	2.905	9.2	21.3
2 1	10 1.41	+30 42.9	1.970	2.915	6.7	21.2
2 11	9 51.36	+31 26.3	1.968	2.924	5.8	21.2
2 21	9 41.03	+31 51.6	1.994	2.933	7.3	21.3
3 2	9 31.60	+31 56.0	2.048	2.942	10.0	21.4
3 12	9 24.03	+31 39.9	2.127	2.951	12.7	21.6
3 22	9 18.91	+31 6.3	2.225	2.959	15.1	21.8

306019 Duren 2 14.2 213.°93 1.°3/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.57	+ 5 24.3	3.755	4.540	8.2	22.9
1 22	10 2.75	+ 5 44.3	3.651	4.530	6.3	22.8
2 1	9 56.84	+ 6 12.5	3.575	4.519	4.0	22.6
2 11	9 50.22	+ 6 47.3	3.528	4.507	1.8	22.4
2 21	9 43.34	+ 7 26.1	3.514	4.494	1.8	22.4
3 2	9 36.69	+ 8 6.4	3.531	4.482	4.1	22.6
3 12	9 30.78	+ 8 45.3	3.579	4.468	6.4	22.7
3 22	9 25.95	+ 9 20.6	3.653	4.454	8.4	22.8

164653 1996 FS_{14} 2 14.2 255.°57 1.°5/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.85	+14 17.0	1.761	2.595	14.0	21.4
1 22	10 9.41	+15 3.3	1.665	2.575	10.3	21.1
2 1	10 1.37	+16 1.0	1.593	2.555	6.1	20.8
2 11	9 51.44	+17 3.7	1.549	2.533	1.8	20.5
2 21	9 40.70	+18 3.9	1.533	2.512	4.2	20.6
3 2	9 30.46	+18 54.5	1.547	2.489	9.0	20.8
3 12	9 21.98	+19 30.5	1.585	2.466	13.4	21.0
3 22	9 16.12	+19 50.0	1.645	2.442	17.2	21.2

16641 Esteban 2 14.2 218.°89 10.°2/20.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.04	−12 16.4	1.903	2.614	17.5	18.0
1 22	10 10.82	−13 39.7	1.810	2.607	15.3	17.8
2 1	10 2.11	−14 40.1	1.738	2.600	12.9	17.6
2 11	9 51.62	−15 12.9	1.689	2.592	10.9	17.5
2 21	9 40.35	−15 16.0	1.666	2.583	10.2	17.4
3 2	9 29.53	−14 51.3	1.668	2.574	11.1	17.5
3 12	9 20.37	−14 4.8	1.696	2.565	13.3	17.6
3 22	9 13.68	−13 4.9	1.746	2.555	15.8	17.7

463538 2013 RV_{32} 2 14.2 171.°83 0.°6/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.42	+ 7 38.0	2.512	3.318	11.2	22.1
1 22	10 5.26	+ 8 27.3	2.429	3.321	8.4	21.9
2 1	9 58.48	+ 9 28.4	2.371	3.325	5.1	21.7
2 11	9 50.64	+10 37.3	2.344	3.327	1.6	21.5
2 21	9 42.47	+11 49.0	2.347	3.329	2.3	21.5
3 2	9 34.75	+12 58.2	2.382	3.331	5.8	21.8
3 12	9 28.21	+14 0.3	2.445	3.331	9.0	22.0
3 22	9 23.37	+14 52.1	2.533	3.332	11.8	22.1

92915 2000 RW_{13} 2 14.2 348.°51 5.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.26	+ 1 17.4	1.532	2.339	17.1	18.3
1 22	10 7.52	+ 0 28.8	1.452	2.333	13.6	18.0
2 1	10 0.21	− 0 1.3	1.392	2.329	9.8	17.8
2 11	9 51.13	− 0 12.2	1.358	2.325	6.3	17.6
2 21	9 41.43	− 0 5.6	1.349	2.321	5.8	17.5
3 2	9 32.44	+ 0 14.5	1.366	2.319	8.8	17.7
3 12	9 25.37	+ 0 41.9	1.408	2.317	12.8	17.9
3 22	9 20.99	+ 1 10.4	1.471	2.316	16.5	18.1

99625 2002 GJ_{91} 2 14.2 204.°92 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.12	+10 23.6	1.929	2.749	13.5	20.9
1 22	10 8.46	+10 52.1	1.843	2.745	10.0	20.7
2 1	10 0.58	+11 32.4	1.783	2.741	6.0	20.4
2 11	9 51.20	+12 20.1	1.750	2.735	1.6	20.1
2 21	9 41.30	+13 9.5	1.747	2.730	3.0	20.2
3 2	9 32.00	+13 55.0	1.774	2.723	7.4	20.5
3 12	9 24.33	+14 31.8	1.827	2.716	11.4	20.7
3 22	9 18.96	+14 57.4	1.902	2.708	14.8	20.9

282793 2006 OV_{13} 2 14.2 165.°39 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.95	+10 41.8	3.113	3.923	9.2	22.5
1 22	10 3.90	+11 16.3	3.032	3.928	6.7	22.4
2 1	9 57.55	+11 57.9	2.977	3.934	4.0	22.2
2 11	9 50.40	+12 43.5	2.953	3.938	1.0	22.0
2 21	9 43.01	+13 29.7	2.961	3.942	2.0	22.1
3 2	9 36.00	+14 13.0	3.000	3.946	4.9	22.3
3 12	9 29.93	+14 50.4	3.068	3.949	7.6	22.5
3 22	9 25.24	+15 20.2	3.161	3.951	9.9	22.6

463360 2012 TU 2 14.2 265.°38 8.°3/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 32.05	+25 58.4	1.079	1.929	19.7	23.2
1 22	10 24.67	+27 6.7	0.983	1.897	15.4	22.8
2 1	10 11.86	+28 19.3	0.908	1.862	10.8	22.4
2 11	9 54.36	+29 18.7	0.857	1.826	8.4	22.2
2 21	9 34.27	+29 46.3	0.830	1.788	11.4	22.2
3 2	9 14.76	+29 30.8	0.827	1.749	17.5	22.3
3 12	8 58.96	+28 33.1	0.845	1.707	23.7	22.5
3 22	8 48.65	+27 3.4	0.877	1.664	29.3	22.7

140624 2001 UY_{12} 2 14.2 62.°73 1.°4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.90	+ 6 51.3	2.203	3.016	12.4	19.4
1 22	10 4.26	+ 7 12.8	2.133	3.027	9.3	19.2
2 1	9 57.91	+ 7 46.6	2.087	3.039	5.8	19.0
2 11	9 50.51	+ 8 29.4	2.069	3.051	2.2	18.8
2 21	9 42.84	+ 9 16.7	2.080	3.062	2.5	18.8
3 2	9 35.74	+10 3.8	2.121	3.074	6.0	19.0
3 12	9 29.98	+10 46.3	2.189	3.086	9.4	19.3
3 22	9 26.06	+11 20.9	2.280	3.098	12.3	19.5

426463 2013 QG_{75} 2 14.2 142.°87 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.36	+ 9 45.3	2.386	3.201	11.4	21.7
1 22	10 5.27	+10 45.3	2.312	3.212	8.4	21.5
2 1	9 58.49	+11 56.1	2.264	3.222	4.9	21.3
2 11	9 50.66	+13 13.0	2.246	3.231	1.2	21.1
2 21	9 42.52	+14 30.0	2.259	3.240	2.6	21.2
3 2	9 34.89	+15 41.6	2.302	3.248	6.2	21.4
3 12	9 28.53	+16 43.2	2.374	3.256	9.4	21.7
3 22	9 23.96	+17 32.4	2.470	3.264	12.2	21.9

116843 2004 FH_{45} 2 14.2 195.°52 5.°6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.61	+24 46.4	1.675	2.520	14.1	19.7
1 22	10 12.19	+25 57.5	1.606	2.518	10.6	19.5
2 1	10 2.94	+27 8.9	1.562	2.516	7.1	19.3
2 11	9 51.81	+28 10.6	1.545	2.513	5.6	19.2
2 21	9 40.11	+28 54.2	1.556	2.509	7.6	19.3
3 2	9 29.33	+29 14.4	1.594	2.505	11.2	19.5
3 12	9 20.75	+29 10.7	1.656	2.500	14.8	19.7
3 22	9 15.13	+28 45.9	1.737	2.495	17.9	19.9

140085 2001 SZ_{121} 2 14.2 69.°92 3.°3/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.00	+ 1 11.2	2.214	3.003	13.1	19.5
1 22	10 4.34	+ 1 15.3	2.138	3.013	10.2	19.3
2 1	9 57.98	+ 1 35.2	2.087	3.022	7.0	19.1
2 11	9 50.53	+ 2 9.1	2.062	3.032	4.1	19.0
2 21	9 42.80	+ 2 53.5	2.066	3.042	3.6	18.9
3 2	9 35.61	+ 3 43.7	2.099	3.052	6.2	19.1
3 12	9 29.73	+ 4 34.5	2.160	3.062	9.3	19.3
3 22	9 25.68	+ 5 21.4	2.244	3.072	12.1	19.5

503484 2016 EQ_{175} 2 14.2 314.°40 3.°2/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.79	+18 54.5	1.496	2.351	14.9	21.1
1 22	10 8.27	+19 29.1	1.407	2.328	11.1	20.8
2 1	10 0.86	+20 10.2	1.341	2.305	6.7	20.5
2 11	9 51.35	+20 50.6	1.301	2.283	3.2	20.2
2 21	9 40.99	+21 22.1	1.287	2.261	5.7	20.3
3 2	9 31.29	+21 38.5	1.299	2.240	10.5	20.5
3 12	9 23.67	+21 36.5	1.334	2.219	15.1	20.7
3 22	9 19.05	+21 16.4	1.388	2.199	19.1	20.9

56092 1999 BK 2 14.2 58.°83 5.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 27.39	+ 3 27.2	1.533	2.321	17.9	18.5
1 22	10 18.19	+ 1 46.4	1.475	2.347	14.1	18.3
2 1	10 6.20	+ 0 20.1	1.440	2.373	9.9	18.1
2 11	9 52.56	− 0 48.9	1.434	2.398	6.4	18.0
2 21	9 38.75	− 1 39.6	1.457	2.424	6.2	18.0
3 2	9 26.26	− 2 13.3	1.509	2.450	9.2	18.3
3 12	9 16.28	− 2 34.3	1.588	2.476	12.9	18.5
3 22	9 9.42	− 2 47.3	1.689	2.502	16.1	18.8

228210 1995 UT_{59} 2 14.2 100.°68 1.°9/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.08	+16 49.9	1.959	2.797	12.7	20.9
1 22	10 7.56	+17 26.7	1.893	2.805	9.2	20.7
2 1	9 59.95	+18 9.1	1.851	2.813	5.4	20.5
2 11	9 51.04	+18 51.3	1.838	2.821	2.1	20.3
2 21	9 41.81	+19 27.6	1.853	2.829	4.0	20.5
3 2	9 33.33	+19 53.7	1.898	2.837	7.8	20.7
3 12	9 26.51	+20 6.9	1.968	2.845	11.3	20.9
3 22	9 21.93	+20 7.0	2.061	2.852	14.3	21.2

466780 2015 AV_{260} 2 14.2 225.°21 2.°0/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.35	+ 4 8.5	2.410	3.206	11.9	21.9
1 22	10 4.62	+ 4 34.1	2.315	3.198	9.1	21.7
2 1	9 58.18	+ 5 13.8	2.245	3.190	6.0	21.4
2 11	9 50.62	+ 6 5.0	2.203	3.181	2.8	21.2
2 21	9 42.63	+ 7 3.7	2.191	3.172	2.7	21.2
3 2	9 35.04	+ 8 4.9	2.210	3.163	5.9	21.4
3 12	9 28.62	+ 9 3.5	2.256	3.153	9.2	21.6
3 22	9 23.94	+ 9 55.5	2.327	3.143	12.2	21.8

243006 2006 UP_{26} 2 14.2 166.°94 5.°6/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.65	− 8 32.3	2.705	3.431	12.5	20.9
1 22	10 3.17	− 8 39.6	2.615	3.433	10.5	20.7
2 1	9 57.24	− 8 28.5	2.547	3.435	8.3	20.6
2 11	9 50.37	− 7 58.9	2.505	3.437	6.3	20.5
2 21	9 43.18	− 7 12.7	2.491	3.438	5.6	20.4
3 2	9 36.38	− 6 13.5	2.506	3.439	6.5	20.5
3 12	9 30.62	− 5 6.5	2.549	3.440	8.5	20.6
3 22	9 26.38	− 3 57.0	2.617	3.441	10.7	20.7

289039 2004 TC_{141} 2 14.2 234.°82 0.°9/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.21	+ 8 25.5	2.217	3.030	12.3	21.9
1 22	10 6.13	+ 8 50.8	2.123	3.020	9.2	21.6
2 1	9 59.15	+ 9 28.0	2.054	3.009	5.6	21.4
2 11	9 50.87	+10 13.8	2.014	2.997	1.8	21.1
2 21	9 42.11	+11 3.5	2.003	2.986	2.6	21.2
3 2	9 33.79	+11 52.2	2.022	2.974	6.5	21.4
3 12	9 26.80	+12 35.1	2.069	2.961	10.1	21.6
3 22	9 21.75	+13 9.2	2.139	2.948	13.3	21.8

11508 Stolte 2 14.2 357.°25 5.°4/ 9.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.59	+23 34.7	1.642	2.500	13.6	17.0
1 22	10 6.29	+24 58.1	1.578	2.498	10.1	16.7
2 1	9 59.46	+26 23.7	1.539	2.496	6.8	16.5
2 11	9 50.96	+27 41.5	1.526	2.496	5.4	16.4
2 21	9 41.96	+28 42.7	1.541	2.495	7.5	16.6
3 2	9 33.78	+29 21.2	1.581	2.495	11.0	16.8
3 12	9 27.56	+29 35.4	1.644	2.496	14.5	17.0
3 22	9 24.00	+29 26.8	1.726	2.497	17.5	17.2

486795 2014 HG_{158} 2 14.2 15.°83 3.°7/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.41	+16 47.0	1.138	2.004	17.8	21.3
1 22	10 8.34	+18 2.7	1.079	2.005	13.0	21.0
2 1	10 0.97	+19 30.8	1.041	2.007	7.7	20.7
2 11	9 51.37	+20 59.5	1.027	2.010	3.8	20.5
2 21	9 41.13	+22 16.2	1.039	2.013	6.7	20.7
3 2	9 32.04	+23 11.1	1.074	2.016	12.0	21.0
3 12	9 25.62	+23 39.8	1.131	2.021	16.8	21.3
3 22	9 22.65	+23 43.0	1.206	2.025	20.9	21.6

432506 2010 FW_1 2 14.2 298.°13 0.°7/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.71	+12 21.0	2.053	2.886	12.3	21.2
1 22	10 4.45	+13 8.4	1.965	2.875	9.1	21.0
2 1	9 58.22	+14 6.7	1.902	2.864	5.3	20.7
2 11	9 50.65	+15 10.8	1.867	2.853	1.3	20.4
2 21	9 42.59	+16 14.5	1.862	2.842	3.2	20.5
3 2	9 35.01	+17 11.9	1.885	2.831	7.3	20.8
3 12	9 28.83	+17 58.2	1.934	2.820	11.0	21.0
3 22	9 24.69	+18 30.9	2.006	2.810	14.2	21.2

497987 2007 DF_{24} 2 14.2 319.°43 0.°1/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.01	+11 23.4	1.604	2.443	14.9	21.4
1 22	10 6.63	+11 39.8	1.518	2.429	11.1	21.1
2 1	9 59.72	+12 8.6	1.455	2.416	6.6	20.8
2 11	9 51.06	+12 45.4	1.418	2.403	1.7	20.5
2 21	9 41.74	+13 24.3	1.408	2.391	3.4	20.6
3 2	9 33.07	+13 59.0	1.426	2.379	8.4	20.8
3 12	9 26.22	+14 24.6	1.467	2.368	12.9	21.1
3 22	9 22.00	+14 38.2	1.530	2.357	16.8	21.3

455507 2003 WJ_{28} 2 14.2 107.°62 0.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.01	+13 16.5	1.806	2.635	13.9	22.2
1 22	10 9.72	+13 51.4	1.747	2.654	10.2	22.0
2 1	10 1.21	+14 35.0	1.713	2.673	5.9	21.8
2 11	9 51.36	+15 21.7	1.707	2.692	1.5	21.5
2 21	9 41.26	+16 5.3	1.730	2.710	3.5	21.7
3 2	9 32.06	+16 40.7	1.782	2.728	7.7	22.0
3 12	9 24.72	+17 4.6	1.861	2.745	11.5	22.2
3 22	9 19.82	+17 15.9	1.961	2.761	14.7	22.5

173097 2007 TJ_{115} 2 14.2 157.°92 3.°0/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.11	+20 14.6	2.395	3.234	10.6	20.1
1 22	10 5.18	+21 16.4	2.324	3.237	7.7	19.9
2 1	9 58.50	+22 21.2	2.280	3.239	4.7	19.7
2 11	9 50.70	+23 23.2	2.264	3.241	3.0	19.6
2 21	9 42.56	+24 16.7	2.279	3.243	4.6	19.7
3 2	9 34.96	+24 57.6	2.323	3.245	7.6	19.9
3 12	9 28.68	+25 23.6	2.393	3.247	10.5	20.1
3 22	9 24.25	+25 34.3	2.486	3.248	13.0	20.3

354570 2004 TA_{143} 2 14.2 162.°95 2.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.96	+17 27.4	1.932	2.764	13.0	22.3
1 22	10 10.49	+18 14.4	1.861	2.771	9.5	22.1
2 1	10 1.73	+19 7.0	1.816	2.777	5.6	21.9
2 11	9 51.51	+19 58.6	1.800	2.782	2.4	21.7
2 21	9 40.90	+20 42.7	1.813	2.787	4.5	21.8
3 2	9 31.06	+21 14.3	1.856	2.790	8.3	22.0
3 12	9 23.01	+21 31.1	1.925	2.793	12.0	22.3
3 22	9 17.40	+21 33.0	2.016	2.795	15.0	22.5

234153 2000 GL_{26} 2 14.3 213.°06 3.°4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.26	− 0 17.1	2.333	3.113	12.8	20.7
1 22	10 3.83	− 0 1.3	2.243	3.111	10.1	20.5
2 1	9 57.73	+ 0 31.5	2.177	3.109	7.1	20.3
2 11	9 50.52	+ 1 19.7	2.138	3.106	4.3	20.1
2 21	9 42.93	+ 2 19.5	2.129	3.104	3.7	20.0
3 2	9 35.77	+ 3 25.9	2.149	3.101	6.1	20.2
3 12	9 29.82	+ 4 33.2	2.196	3.098	9.2	20.4
3 22	9 25.61	+ 5 36.4	2.269	3.096	12.1	20.6

465912 2010 VT_{118} 2 14.3 43.°79 3.°4/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.39	+19 36.1	1.507	2.359	15.0	21.2
1 22	10 8.99	+20 16.9	1.451	2.370	10.9	21.0
2 1	10 0.97	+21 1.5	1.419	2.381	6.5	20.7
2 11	9 51.33	+21 42.2	1.412	2.393	3.4	20.6
2 21	9 41.36	+22 11.8	1.433	2.405	5.6	20.7
3 2	9 32.46	+22 25.5	1.481	2.418	9.8	21.0
3 12	9 25.76	+22 21.9	1.552	2.431	13.7	21.3
3 22	9 21.87	+22 2.2	1.643	2.444	17.0	21.5

182041 2000 CX_{73} 2 14.3 338.°88 0.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.60	+11 38.6	1.498	2.342	15.5	20.8
1 22	10 6.39	+12 20.1	1.423	2.337	11.4	20.5
2 1	9 59.59	+13 16.2	1.371	2.333	6.7	20.2
2 11	9 51.03	+14 20.5	1.344	2.329	1.6	19.9
2 21	9 41.88	+15 24.8	1.344	2.326	3.8	20.0
3 2	9 33.49	+16 21.3	1.371	2.323	8.9	20.3
3 12	9 27.07	+17 4.2	1.423	2.320	13.5	20.6
3 22	9 23.37	+17 30.6	1.494	2.318	17.3	20.8

102575 1999 UQ_{42} 2 14.3 166.°52 1.°2/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.68	+15 33.4	2.213	3.035	11.9	20.7
1 22	10 10.01	+16 1.6	2.137	3.041	8.7	20.5
2 1	10 1.35	+16 35.3	2.087	3.047	5.1	20.2
2 11	9 51.42	+17 9.8	2.067	3.051	1.5	20.0
2 21	9 41.14	+17 40.3	2.078	3.055	3.4	20.1
3 2	9 31.54	+18 2.8	2.119	3.058	7.1	20.4
3 12	9 23.49	+18 14.9	2.187	3.061	10.5	20.6
3 22	9 17.58	+18 16.1	2.279	3.062	13.4	20.8

246109 2007 FE_{31} 2 14.3 184.°86 2.°0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.82	+ 5 30.4	1.629	2.445	15.8	21.5
1 22	10 8.55	+ 5 55.8	1.550	2.445	12.1	21.2
2 1	10 0.78	+ 6 39.9	1.493	2.445	7.7	21.0
2 11	9 51.32	+ 7 38.8	1.463	2.444	3.1	20.7
2 21	9 41.29	+ 8 45.9	1.461	2.443	3.4	20.7
3 2	9 31.98	+ 9 53.7	1.487	2.442	8.0	21.0
3 12	9 24.54	+10 54.9	1.539	2.440	12.4	21.2
3 22	9 19.71	+11 44.7	1.613	2.438	16.2	21.4

143356 2003 AK_{92} 2 14.3 6.°88 4.°4/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.45	+ 0 12.1	2.184	2.965	13.5	19.8
1 22	10 6.24	− 0 22.6	2.100	2.965	10.8	19.6
2 1	9 59.17	− 0 42.6	2.039	2.966	7.8	19.5
2 11	9 50.89	− 0 47.9	2.004	2.966	5.1	19.3
2 21	9 42.22	− 0 40.1	1.998	2.967	4.6	19.3
3 2	9 34.07	− 0 22.4	2.021	2.968	6.8	19.4
3 12	9 27.28	+ 0 1.0	2.071	2.970	9.8	19.6
3 22	9 22.42	+ 0 25.8	2.145	2.971	12.7	19.8

317145 2001 UN_{182} 2 14.3 168.°16 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.07	+ 9 13.7	2.037	2.857	12.9	20.6
1 22	10 6.10	+10 5.1	1.959	2.860	9.6	20.4
2 1	9 59.15	+11 9.7	1.905	2.863	5.7	20.1
2 11	9 50.90	+12 22.4	1.880	2.865	1.5	19.9
2 21	9 42.24	+13 36.8	1.884	2.866	2.8	20.0
3 2	9 34.15	+14 46.4	1.919	2.868	7.0	20.2
3 12	9 27.53	+15 45.8	1.980	2.869	10.7	20.4
3 22	9 22.99	+16 32.1	2.064	2.869	13.9	20.7

35071 1989 TE_5 2 14.3 329.°65 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.92	+ 9 42.6	1.405	2.247	16.4	18.4
1 22	10 6.79	+10 23.9	1.329	2.242	12.3	18.1
2 1	9 59.91	+11 23.1	1.276	2.237	7.3	17.8
2 11	9 51.14	+12 33.8	1.247	2.233	1.9	17.5
2 21	9 41.72	+13 47.6	1.246	2.229	3.7	17.6
3 2	9 33.08	+14 55.2	1.271	2.225	9.1	17.9
3 12	9 26.52	+15 49.6	1.319	2.222	14.0	18.1
3 22	9 22.84	+16 27.0	1.388	2.219	18.1	18.4

100862 1998 HF_{54} 2 14.3 286.°88 1.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.14	+ 5 30.7	2.340	3.145	11.9	20.1
1 22	10 3.80	+ 5 48.4	2.245	3.135	9.1	19.8
2 1	9 57.75	+ 6 19.2	2.176	3.124	5.9	19.6
2 11	9 50.56	+ 7 0.5	2.134	3.114	2.6	19.4
2 21	9 42.95	+ 7 48.5	2.122	3.103	2.6	19.4
3 2	9 35.74	+ 8 38.6	2.139	3.093	6.0	19.6
3 12	9 29.72	+ 9 26.0	2.183	3.082	9.4	19.8
3 22	9 25.45	+10 7.1	2.252	3.072	12.4	19.9

35119 1992 EY_6 2 14.3 119.°53 0.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.92	+11 54.1	2.416	3.242	11.0	18.8
1 22	10 3.54	+12 57.3	2.339	3.246	8.0	18.6
2 1	9 57.54	+14 10.0	2.289	3.250	4.6	18.4
2 11	9 50.50	+15 27.2	2.268	3.253	1.2	18.1
2 21	9 43.13	+16 43.1	2.278	3.257	2.9	18.2
3 2	9 36.23	+17 52.2	2.318	3.261	6.3	18.5
3 12	9 30.52	+18 50.3	2.385	3.265	9.5	18.7
3 22	9 26.53	+19 35.2	2.477	3.268	12.2	18.9

361172 2006 KM_{107} 2 14.3 353.°07 7.°4/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.89	− 4 22.1	1.412	2.202	19.1	20.4
1 22	10 6.73	− 4 53.8	1.335	2.200	15.7	20.2
2 1	9 59.87	− 4 57.9	1.277	2.199	11.9	20.0
2 11	9 51.15	− 4 33.2	1.242	2.198	8.5	19.8
2 21	9 41.76	− 3 42.2	1.231	2.197	7.4	19.7
3 2	9 33.12	− 2 31.8	1.246	2.196	9.7	19.8
3 12	9 26.50	− 1 12.1	1.284	2.196	13.5	20.0
3 22	9 22.70	+ 0 7.1	1.343	2.197	17.2	20.3

30767 Chriskraft 2 14.3 58.°49 19.°3/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 36.78	+56 17.6	1.263	2.052	21.0	17.7
1 22	10 27.53	+58 43.5	1.277	2.086	19.7	17.7
2 1	10 12.43	+60 24.7	1.308	2.120	19.3	17.8
2 11	9 54.13	+61 8.0	1.356	2.154	19.5	17.9
2 21	9 36.33	+60 51.2	1.421	2.188	20.4	18.1
3 2	9 22.29	+59 41.8	1.502	2.222	21.5	18.3
3 12	9 13.66	+57 53.6	1.596	2.256	22.6	18.5
3 22	9 10.46	+55 40.0	1.702	2.289	23.5	18.7

329868 2004 XE_{143} 2 14.3 231.°66 4.°9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.82	− 2 21.8	2.312	3.076	13.3	20.6
1 22	10 6.52	− 2 46.5	2.215	3.067	10.8	20.4
2 1	9 59.38	− 2 55.0	2.142	3.059	8.0	20.2
2 11	9 50.99	− 2 47.1	2.095	3.050	5.6	20.1
2 21	9 42.12	− 2 24.6	2.077	3.041	5.0	20.0
3 2	9 33.66	− 1 50.6	2.088	3.032	6.9	20.1
3 12	9 26.46	− 1 10.1	2.126	3.022	9.7	20.3
3 22	9 21.12	− 0 27.9	2.189	3.012	12.6	20.4

518390 2017 TD_9 2 14.3 237.°93 1.°8/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.36	+16 34.5	2.463	3.296	10.5	21.3
1 22	10 4.64	+17 24.4	2.379	3.289	7.7	21.1
2 1	9 58.22	+18 20.1	2.321	3.283	4.5	20.9
2 11	9 50.69	+19 16.7	2.293	3.276	1.9	20.7
2 21	9 42.77	+20 9.0	2.295	3.269	3.6	20.8
3 2	9 35.30	+20 52.5	2.326	3.261	6.8	21.0
3 12	9 29.04	+21 24.1	2.385	3.254	9.9	21.2
3 22	9 24.55	+21 42.8	2.467	3.247	12.6	21.4

378808 2008 SJ_{196} 2 14.3 162.°38 0.°6/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.48	+ 9 11.4	2.238	3.054	12.0	21.7
1 22	10 5.50	+ 9 37.4	2.158	3.057	9.0	21.5
2 1	9 58.73	+10 14.2	2.103	3.059	5.4	21.3
2 11	9 50.81	+10 58.2	2.076	3.060	1.6	21.0
2 21	9 42.54	+11 44.8	2.079	3.062	2.5	21.1
3 2	9 34.80	+12 29.2	2.112	3.063	6.3	21.3
3 12	9 28.40	+13 7.3	2.173	3.065	9.7	21.6
3 22	9 23.88	+13 36.5	2.257	3.066	12.7	21.8

297398 2000 QL_{177} 2 14.3 85.°03 1.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.23	+ 6 28.1	1.535	2.355	16.4	20.7
1 22	10 9.41	+ 6 53.5	1.480	2.378	12.3	20.5
2 1	10 1.15	+ 7 36.2	1.447	2.401	7.6	20.3
2 11	9 51.41	+ 8 31.2	1.441	2.423	2.9	20.0
2 21	9 41.41	+ 9 31.4	1.462	2.445	3.3	20.1
3 2	9 32.43	+10 29.5	1.512	2.467	7.9	20.4
3 12	9 25.52	+11 19.5	1.587	2.488	12.1	20.7
3 22	9 21.26	+11 57.7	1.684	2.509	15.6	21.0

93589 2000 UV_{52} 2 14.3 106.°74 2.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.27	+ 4 26.1	1.997	2.801	13.7	19.7
1 22	10 6.21	+ 4 36.7	1.922	2.809	10.5	19.5
2 1	9 59.20	+ 5 2.5	1.870	2.817	6.9	19.3
2 11	9 50.94	+ 5 40.7	1.846	2.824	3.3	19.1
2 21	9 42.32	+ 6 27.0	1.851	2.832	3.2	19.1
3 2	9 34.33	+ 7 16.1	1.884	2.839	6.6	19.3
3 12	9 27.85	+ 8 2.7	1.945	2.846	10.2	19.6
3 22	9 23.44	+ 8 42.6	2.029	2.853	13.4	19.8

360293 2001 OU_9 2 14.3 148.°69 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.79	+10 10.0	2.448	3.257	11.4	21.7
1 22	10 7.71	+10 36.9	2.374	3.269	8.4	21.5
2 1	9 59.93	+11 12.8	2.325	3.281	5.0	21.3
2 11	9 51.11	+11 53.8	2.307	3.292	1.4	21.1
2 21	9 42.01	+12 35.7	2.320	3.302	2.4	21.2
3 2	9 33.48	+13 14.5	2.363	3.311	5.9	21.4
3 12	9 26.27	+13 46.7	2.435	3.319	9.1	21.6
3 22	9 20.89	+14 10.4	2.532	3.327	11.9	21.8

469022 2015 AC_{243} 2 14.3 182.°91 4.°7/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.67	+27 50.0	2.569	3.405	10.0	21.3
1 22	10 7.04	+28 50.6	2.501	3.406	7.6	21.1
2 1	9 59.61	+29 48.6	2.460	3.406	5.5	21.0
2 11	9 51.04	+30 37.7	2.448	3.405	4.8	20.9
2 21	9 42.14	+31 13.1	2.466	3.404	6.1	21.0
3 2	9 33.81	+31 31.7	2.512	3.404	8.5	21.1
3 12	9 26.85	+31 32.8	2.583	3.402	10.9	21.3
3 22	9 21.82	+31 17.9	2.676	3.401	13.0	21.5

233086 2005 QQ_{114} 2 14.3 77.°23 1.°6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.06	+15 42.7	1.314	2.160	17.1	20.1
1 22	10 12.68	+16 0.2	1.258	2.174	12.5	19.8
2 1	10 3.26	+16 25.9	1.225	2.188	7.3	19.6
2 11	9 51.97	+16 52.6	1.217	2.202	2.1	19.3
2 21	9 40.35	+17 13.5	1.235	2.215	4.6	19.5
3 2	9 30.01	+17 23.3	1.281	2.229	9.8	19.8
3 12	9 22.26	+17 19.7	1.350	2.243	14.4	20.1
3 22	9 17.74	+17 3.1	1.438	2.256	18.2	20.4

339524 2005 GF_{175} 2 14.3 132.°12 3.°7/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.88	− 1 9.5	2.466	3.238	12.4	21.3
1 22	10 4.17	− 1 3.7	2.383	3.244	9.8	21.1
2 1	9 57.90	− 0 41.8	2.325	3.250	7.0	20.9
2 11	9 50.62	− 0 5.3	2.293	3.257	4.5	20.8
2 21	9 43.04	+ 0 42.7	2.291	3.263	3.9	20.7
3 2	9 35.92	+ 1 38.0	2.318	3.268	5.9	20.9
3 12	9 29.97	+ 2 35.4	2.374	3.274	8.7	21.0
3 22	9 25.67	+ 3 30.3	2.454	3.279	11.3	21.2

247717 2003 FA_{20} 2 14.3 338.°67 1.°9/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 5.39	+12 44.4	1.788	2.633	13.3	19.7
1 22	10 2.34	+14 19.0	1.703	2.620	9.7	19.5
2 1	9 57.16	+16 9.1	1.644	2.608	5.6	19.2
2 11	9 50.49	+18 6.6	1.612	2.596	2.0	18.9
2 21	9 43.25	+20 1.7	1.610	2.586	4.5	19.1
3 2	9 36.50	+21 44.9	1.635	2.576	8.8	19.3
3 12	9 31.28	+23 9.2	1.686	2.566	12.7	19.5
3 22	9 28.29	+24 11.4	1.759	2.558	16.1	19.7

27922 Mascheroni 2 14.3 348.°08 3.°8/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.88	− 0 5.3	2.084	2.873	13.8	17.6
1 22	10 3.75	+ 0 3.6	1.999	2.871	10.9	17.4
2 1	9 57.79	+ 0 31.0	1.936	2.869	7.7	17.2
2 11	9 50.62	+ 1 15.1	1.899	2.868	4.7	17.0
2 21	9 43.04	+ 2 12.1	1.891	2.866	4.0	16.9
3 2	9 35.95	+ 3 16.6	1.911	2.865	6.6	17.1
3 12	9 30.20	+ 4 22.4	1.959	2.864	9.9	17.3
3 22	9 26.37	+ 5 23.7	2.030	2.864	13.0	17.5

276844 2004 RB_{35} 2 14.3 171.°87 2.°7/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.83	+19 14.3	1.998	2.837	12.4	20.4
1 22	10 8.20	+19 53.4	1.925	2.838	9.0	20.2
2 1	10 0.43	+20 36.1	1.878	2.839	5.4	20.0
2 11	9 51.28	+21 16.5	1.859	2.839	2.7	19.8
2 21	9 41.74	+21 48.8	1.868	2.840	4.6	19.9
3 2	9 32.91	+22 8.7	1.907	2.840	8.2	20.1
3 12	9 25.73	+22 14.3	1.971	2.840	11.7	20.4
3 22	9 20.84	+22 5.8	2.057	2.840	14.7	20.6

161147 2002 RW_{254} 2 14.3 256.°72 0.°3/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.77	+10 38.1	2.249	3.069	11.9	20.7
1 22	10 5.82	+11 0.0	2.157	3.058	8.8	20.5
2 1	9 59.01	+11 31.7	2.090	3.047	5.3	20.3
2 11	9 50.94	+12 9.7	2.051	3.036	1.4	20.0
2 21	9 42.41	+12 49.5	2.042	3.024	2.6	20.0
3 2	9 34.34	+13 26.7	2.062	3.012	6.5	20.3
3 12	9 27.57	+13 57.3	2.110	3.001	10.1	20.5
3 22	9 22.71	+14 18.9	2.181	2.988	13.1	20.6

4562 Poleungkuk 2 14.3 212.°63 1.°7/15.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.42	+ 6 46.0	1.986	2.795	13.6	17.4
1 22	10 7.95	+ 6 59.4	1.897	2.790	10.3	17.2
2 1	10 0.34	+ 7 26.5	1.833	2.784	6.5	16.9
2 11	9 51.28	+ 8 4.5	1.796	2.778	2.6	16.7
2 21	9 41.72	+ 8 48.6	1.789	2.771	2.9	16.7
3 2	9 32.69	+ 9 33.8	1.810	2.763	7.0	16.9
3 12	9 25.19	+10 14.7	1.859	2.756	10.9	17.1
3 22	9 19.90	+10 47.9	1.931	2.747	14.3	17.3

197264 2003 WS_{79} 2 14.3 275.°87 3.°9/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.60	+ 0 44.9	2.139	2.925	13.6	20.2
1 22	10 5.72	+ 0 30.7	2.050	2.920	10.8	20.0
2 1	9 58.96	+ 0 32.3	1.983	2.916	7.6	19.8
2 11	9 50.93	+ 0 49.0	1.944	2.911	4.7	19.6
2 21	9 42.45	+ 1 18.2	1.933	2.906	4.2	19.5
3 2	9 34.46	+ 1 55.7	1.950	2.901	6.7	19.7
3 12	9 27.81	+ 2 36.7	1.995	2.897	10.0	19.9
3 22	9 23.12	+ 3 16.1	2.064	2.892	13.0	20.0

352141 2007 JB_{45} 2 14.3 250.°14 4.°0/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.68	+19 15.5	1.581	2.430	14.6	21.2
1 22	10 9.55	+20 31.2	1.501	2.418	10.7	21.0
2 1	10 1.60	+21 55.2	1.445	2.406	6.6	20.7
2 11	9 51.65	+23 18.0	1.415	2.393	4.0	20.5
2 21	9 40.93	+24 29.5	1.414	2.381	6.5	20.6
3 2	9 30.91	+25 21.7	1.439	2.367	10.8	20.8
3 12	9 22.94	+25 50.9	1.488	2.354	15.0	21.1
3 22	9 17.89	+25 57.4	1.556	2.340	18.6	21.3

11416 1999 JK_{96} 2 14.3 136.°29 1.°9/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.71	+ 3 37.4	2.455	3.252	11.7	18.4
1 22	10 3.36	+ 4 13.7	2.372	3.255	9.0	18.2
2 1	9 57.45	+ 5 4.3	2.314	3.259	5.8	18.0
2 11	9 50.54	+ 6 6.3	2.284	3.262	2.7	17.8
2 21	9 43.32	+ 7 15.1	2.284	3.265	2.6	17.8
3 2	9 36.53	+ 8 25.5	2.314	3.268	5.6	18.0
3 12	9 30.89	+ 9 32.3	2.373	3.271	8.7	18.2
3 22	9 26.89	+10 31.5	2.457	3.274	11.5	18.4

130964 2000 WW_{101} 2 14.3 49.°87 7.°5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.61	+25 18.0	1.271	2.138	16.2	18.6
1 22	10 8.98	+27 19.4	1.232	2.153	12.1	18.4
2 1	10 1.23	+29 19.5	1.215	2.170	8.6	18.3
2 11	9 51.52	+31 3.7	1.224	2.186	7.6	18.3
2 21	9 41.43	+32 20.0	1.258	2.203	10.0	18.5
3 2	9 32.62	+33 2.7	1.316	2.221	13.6	18.7
3 12	9 26.43	+33 12.3	1.394	2.238	17.1	19.0
3 22	9 23.50	+32 53.6	1.490	2.256	20.0	19.2

237496 2000 QF_{76} 2 14.3 202.°92 1.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.72	+ 6 14.6	1.878	2.688	14.3	21.5
1 22	10 8.28	+ 6 41.7	1.791	2.684	10.8	21.3
2 1	10 0.59	+ 7 24.8	1.728	2.680	6.8	21.0
2 11	9 51.38	+ 8 20.2	1.693	2.675	2.7	20.8
2 21	9 41.60	+ 9 22.3	1.687	2.669	3.0	20.8
3 2	9 32.41	+10 24.6	1.710	2.663	7.3	21.0
3 12	9 24.83	+11 20.9	1.759	2.656	11.4	21.2
3 22	9 19.57	+12 7.1	1.832	2.648	14.9	21.5

79181 1993 FT_{75} 2 14.3 134.°37 5.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.72	+30 28.6	2.518	3.350	10.4	19.7
1 22	10 9.23	+31 10.1	2.457	3.356	8.0	19.5
2 1	10 0.87	+31 46.0	2.422	3.362	5.9	19.4
2 11	9 51.39	+32 10.5	2.416	3.368	5.2	19.4
2 21	9 41.69	+32 19.5	2.440	3.374	6.5	19.5
3 2	9 32.72	+32 11.1	2.491	3.379	8.7	19.6
3 12	9 25.30	+31 45.8	2.568	3.384	11.0	19.8
3 22	9 19.94	+31 5.9	2.667	3.390	13.1	19.9

453806 2011 SO_{61} 2 14.3 299.°74 6.°4/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.80	− 2 9.0	1.356	2.159	19.1	21.4
1 22	10 6.96	− 2 28.6	1.266	2.144	15.6	21.1
2 1	10 0.23	− 2 20.9	1.196	2.128	11.5	20.8
2 11	9 51.37	− 1 44.7	1.149	2.113	7.7	20.6
2 21	9 41.57	− 0 43.0	1.126	2.098	6.6	20.5
3 2	9 32.35	+ 0 36.6	1.128	2.084	9.8	20.6
3 12	9 25.17	+ 2 3.4	1.153	2.069	14.3	20.8
3 22	9 21.00	+ 3 27.1	1.199	2.055	18.7	21.0

461712 2005 SJ_{84} 2 14.3 152.°32 1.°3/13.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.87	+15 8.9	2.082	2.912	12.3	22.1
1 22	10 8.11	+15 43.4	2.010	2.918	9.0	21.8
2 1	10 0.34	+16 24.5	1.963	2.923	5.2	21.6
2 11	9 51.29	+17 7.1	1.944	2.928	1.6	21.4
2 21	9 41.89	+17 45.9	1.955	2.933	3.5	21.5
3 2	9 33.16	+18 16.4	1.996	2.938	7.3	21.8
3 12	9 25.98	+18 35.7	2.063	2.941	10.8	22.0
3 22	9 20.96	+18 42.9	2.153	2.945	13.8	22.2

253228 2002 YZ_{16} 2 14.3 77.°74 1.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.26	+ 7 14.7	1.680	2.499	15.3	20.2
1 22	10 8.61	+ 7 23.3	1.619	2.516	11.5	20.0
2 1	10 0.69	+ 7 46.6	1.581	2.534	7.1	19.7
2 11	9 51.37	+ 8 20.6	1.570	2.552	2.8	19.5
2 21	9 41.77	+ 9 0.2	1.587	2.569	3.2	19.6
3 2	9 33.06	+ 9 39.6	1.632	2.587	7.4	19.9
3 12	9 26.23	+10 13.7	1.703	2.604	11.4	20.1
3 22	9 21.86	+10 39.2	1.797	2.621	14.8	20.4

231428 2007 ET_{112} 2 14.3 43.°27 0.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.23	+ 8 59.6	1.793	2.618	14.2	20.7
1 22	10 6.44	+ 9 20.9	1.719	2.622	10.6	20.4
2 1	9 59.47	+ 9 55.5	1.669	2.626	6.4	20.2
2 11	9 51.09	+10 39.0	1.646	2.630	2.0	19.9
2 21	9 42.30	+11 26.1	1.651	2.634	2.9	20.0
3 2	9 34.21	+12 10.8	1.685	2.638	7.3	20.3
3 12	9 27.78	+12 48.2	1.744	2.643	11.3	20.5
3 22	9 23.66	+13 15.2	1.826	2.648	14.7	20.7

405939 2006 RP_{48} 2 14.3 58.°21 2.°7/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.44	+ 3 49.8	1.484	2.302	17.0	21.4
1 22	10 7.44	+ 4 13.1	1.432	2.326	12.9	21.2
2 1	10 0.05	+ 4 57.0	1.401	2.350	8.3	21.0
2 11	9 51.22	+ 5 56.8	1.395	2.374	3.8	20.8
2 21	9 42.13	+ 7 5.4	1.417	2.398	3.6	20.8
3 2	9 34.04	+ 8 14.6	1.465	2.423	7.8	21.1
3 12	9 27.97	+ 9 17.2	1.540	2.447	12.0	21.4
3 22	9 24.49	+10 8.3	1.636	2.472	15.5	21.7

234155 2000 GO_{150} 2 14.3 210.°99 0.°4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.88	+ 9 33.7	1.796	2.617	14.3	22.0
1 22	10 9.27	+10 6.1	1.710	2.611	10.7	21.7
2 1	10 1.25	+10 52.5	1.647	2.605	6.5	21.5
2 11	9 51.58	+11 48.0	1.613	2.597	1.8	21.1
2 21	9 41.31	+12 46.4	1.607	2.590	3.1	21.2
3 2	9 31.64	+13 40.9	1.631	2.581	7.8	21.5
3 12	9 23.71	+14 26.2	1.680	2.572	12.1	21.7
3 22	9 18.25	+14 59.1	1.753	2.563	15.7	21.9

464989 2006 BK_{102} 2 14.3 69.°76 0.°6/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.44	+ 9 6.3	1.815	2.639	14.1	21.3
1 22	10 7.12	+ 9 36.4	1.759	2.661	10.4	21.1
2 1	9 59.75	+10 19.0	1.726	2.683	6.2	20.9
2 11	9 51.14	+11 9.2	1.721	2.706	1.8	20.7
2 21	9 42.32	+12 1.2	1.745	2.728	2.9	20.8
3 2	9 34.32	+12 49.2	1.798	2.750	7.1	21.1
3 12	9 28.04	+13 28.5	1.876	2.772	10.8	21.4
3 22	9 24.00	+13 56.8	1.978	2.794	14.0	21.6

231513 2008 RA_{113} 2 14.3 95.°39 0.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.52	+11 19.3	2.051	2.874	12.7	20.6
1 22	10 7.12	+11 33.0	1.977	2.881	9.4	20.4
2 1	9 59.76	+11 55.8	1.929	2.887	5.6	20.2
2 11	9 51.16	+12 24.0	1.909	2.893	1.5	19.9
2 21	9 42.24	+12 53.1	1.917	2.900	2.7	20.0
3 2	9 33.97	+13 18.9	1.956	2.906	6.7	20.3
3 12	9 27.23	+13 37.9	2.020	2.912	10.4	20.5
3 22	9 22.58	+13 48.3	2.109	2.919	13.4	20.7

343114 2009 DC_{129} 2 14.3 33.°14 0.°6/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.00	+11 29.1	1.944	2.779	12.9	20.4
1 22	10 3.91	+12 22.8	1.878	2.788	9.4	20.2
2 1	9 57.91	+13 27.7	1.836	2.797	5.5	20.0
2 11	9 50.70	+14 38.2	1.822	2.807	1.3	19.7
2 21	9 43.17	+15 47.5	1.837	2.817	3.1	19.9
3 2	9 36.27	+16 49.5	1.880	2.828	7.2	20.2
3 12	9 30.86	+17 39.5	1.949	2.839	10.8	20.4
3 22	9 27.49	+18 15.2	2.042	2.851	13.8	20.6

207899 Grinmalia 2 14.3 51.°93 2.°5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.93	+ 3 11.7	1.798	2.606	14.9	19.7
1 22	10 5.28	+ 3 40.6	1.742	2.631	11.3	19.5
2 1	9 58.67	+ 4 27.7	1.710	2.656	7.4	19.3
2 11	9 50.88	+ 5 28.6	1.704	2.682	3.5	19.1
2 21	9 42.87	+ 6 37.5	1.726	2.708	3.2	19.2
3 2	9 35.66	+ 7 47.3	1.777	2.734	6.8	19.4
3 12	9 30.08	+ 8 51.8	1.855	2.760	10.4	19.7
3 22	9 26.65	+ 9 46.5	1.955	2.786	13.5	20.0

499028 2009 DA_{22} 2 14.3 159.°64 0.°5/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.23	+10 47.5	2.489	3.302	11.1	21.8
1 22	10 6.63	+10 50.9	2.408	3.305	8.2	21.6
2 1	9 59.37	+11 1.7	2.352	3.308	4.9	21.4
2 11	9 51.06	+11 17.3	2.326	3.310	1.5	21.1
2 21	9 42.46	+11 34.5	2.330	3.312	2.3	21.2
3 2	9 34.37	+11 50.2	2.364	3.314	5.8	21.4
3 12	9 27.53	+12 1.6	2.427	3.316	9.0	21.6
3 22	9 22.46	+12 7.0	2.514	3.317	11.7	21.8

495902 2005 QD_{108} 2 14.3 190.°72 0.°8/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.80	+ 8 41.7	2.401	3.208	11.6	23.1
1 22	10 7.16	+ 9 6.8	2.313	3.206	8.7	22.9
2 1	9 59.75	+ 9 42.4	2.251	3.204	5.3	22.7
2 11	9 51.18	+10 25.2	2.218	3.201	1.7	22.5
2 21	9 42.21	+11 11.0	2.215	3.198	2.4	22.5
3 2	9 33.72	+11 55.1	2.244	3.194	6.1	22.7
3 12	9 26.49	+12 33.8	2.300	3.189	9.4	23.0
3 22	9 21.10	+13 4.3	2.381	3.183	12.3	23.1

189067 2000 WT_{133} 2 14.3 219.°42 3.°8/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.77	+ 0 35.4	2.334	3.110	12.9	20.6
1 22	10 7.23	+ 0 20.5	2.238	3.103	10.2	20.4
2 1	9 59.85	+ 0 20.2	2.165	3.094	7.2	20.2
2 11	9 51.21	+ 0 33.8	2.120	3.086	4.5	20.0
2 21	9 42.11	+ 0 59.2	2.104	3.076	4.1	19.9
3 2	9 33.43	+ 1 32.7	2.118	3.067	6.5	20.1
3 12	9 26.00	+ 2 9.9	2.160	3.057	9.6	20.2
3 22	9 20.44	+ 2 46.2	2.227	3.046	12.5	20.4

411319 2010 UD_4 2 14.3 149.°34 0.°3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+10 34.9	2.013	2.832	13.1	21.8
1 22	10 8.38	+10 58.1	1.938	2.839	9.7	21.6
2 1	10 0.53	+11 31.6	1.889	2.846	5.8	21.4
2 11	9 51.37	+12 11.4	1.867	2.852	1.5	21.1
2 21	9 41.85	+12 52.2	1.876	2.858	2.8	21.2
3 2	9 33.00	+13 29.3	1.914	2.864	6.9	21.5
3 12	9 25.73	+13 58.7	1.979	2.869	10.7	21.7
3 22	9 20.65	+14 18.2	2.067	2.873	13.8	22.0

100736 1998 DD_7 2 14.3 204.°53 1.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.65	+ 4 46.2	2.398	3.201	11.8	20.0
1 22	10 3.41	+ 5 30.6	2.312	3.200	8.9	19.8
2 1	9 57.55	+ 6 29.5	2.250	3.199	5.7	19.6
2 11	9 50.62	+ 7 39.5	2.217	3.197	2.4	19.4
2 21	9 43.34	+ 8 55.5	2.214	3.196	2.4	19.4
3 2	9 36.48	+10 11.9	2.241	3.195	5.8	19.6
3 12	9 30.79	+11 23.1	2.296	3.193	9.1	19.8
3 22	9 26.77	+12 25.3	2.377	3.192	11.9	20.0

109239 2001 QP_{97} 2 14.3 105.°81 4.°5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.40	− 5 8.9	2.367	3.122	13.3	19.4
1 22	10 3.21	− 4 43.0	2.281	3.127	10.8	19.2
2 1	9 57.42	− 3 56.4	2.218	3.132	8.0	19.1
2 11	9 50.59	− 2 50.8	2.182	3.136	5.5	18.9
2 21	9 43.43	− 1 30.0	2.174	3.141	4.5	18.9
3 2	9 36.73	+ 0 0.3	2.197	3.146	6.2	19.0
3 12	9 31.20	+ 1 33.1	2.247	3.150	8.9	19.2
3 22	9 27.37	+ 3 2.4	2.323	3.155	11.6	19.3

27443 2000 FH_{49} 2 14.3 177.°91 1.°1/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.94	+ 8 51.0	2.367	3.177	11.7	18.4
1 22	10 6.51	+ 8 53.4	2.283	3.177	8.8	18.2
2 1	9 59.35	+ 9 5.2	2.225	3.178	5.4	18.0
2 11	9 51.08	+ 9 23.7	2.195	3.178	2.0	17.8
2 21	9 42.47	+ 9 45.7	2.196	3.178	2.4	17.8
3 2	9 34.37	+10 7.7	2.226	3.178	6.0	18.0
3 12	9 27.55	+10 26.3	2.284	3.178	9.3	18.2
3 22	9 22.57	+10 39.3	2.367	3.177	12.1	18.4

499990 2011 OH_{11} 2 14.3 144.°88 0.°3/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.50	+11 17.4	2.525	3.346	10.7	21.7
1 22	10 3.93	+12 5.7	2.447	3.350	7.8	21.5
2 1	9 57.81	+13 3.1	2.395	3.354	4.6	21.3
2 11	9 50.69	+14 5.2	2.373	3.358	1.1	21.1
2 21	9 43.26	+15 7.1	2.381	3.362	2.5	21.2
3 2	9 36.29	+16 4.0	2.419	3.365	5.9	21.4
3 12	9 30.47	+16 52.1	2.485	3.369	9.0	21.6
3 22	9 26.30	+17 29.3	2.576	3.372	11.7	21.8

423773 2006 DD_{152} 2 14.3 45.°41 5.°1/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.93	− 4 23.3	1.806	2.583	16.0	20.9
1 22	10 3.98	− 3 59.4	1.733	2.593	12.9	20.7
2 1	9 58.02	− 3 10.0	1.681	2.604	9.5	20.5
2 11	9 50.77	− 1 57.2	1.654	2.614	6.2	20.4
2 21	9 43.14	− 0 26.4	1.654	2.625	5.1	20.3
3 2	9 36.16	+ 1 14.4	1.683	2.636	7.3	20.5
3 12	9 30.72	+ 2 56.2	1.738	2.648	10.7	20.7
3 22	9 27.43	+ 4 31.2	1.817	2.660	13.9	20.9

497700 2006 SC_{80} 2 14.3 140.°29 3.°5/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.15	− 1 10.9	2.600	3.370	11.9	22.3
1 22	10 3.62	− 1 0.0	2.516	3.376	9.4	22.2
2 1	9 57.60	− 0 33.6	2.455	3.381	6.7	22.0
2 11	9 50.64	+ 0 6.8	2.422	3.386	4.3	21.8
2 21	9 43.39	+ 0 58.1	2.418	3.390	3.6	21.8
3 2	9 36.55	+ 1 56.1	2.445	3.395	5.6	21.9
3 12	9 30.81	+ 2 55.9	2.499	3.399	8.3	22.1
3 22	9 26.62	+ 3 53.0	2.579	3.403	10.8	22.3

442673 2012 TO_{301} 2 14.3 73.°96 7.°0/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.39	+25 22.1	1.232	2.092	17.1	20.8
1 22	10 13.22	+26 47.4	1.192	2.111	12.8	20.6
2 1	10 3.72	+28 10.2	1.174	2.129	8.7	20.4
2 11	9 52.20	+29 17.4	1.181	2.148	7.0	20.3
2 21	9 40.41	+29 58.8	1.213	2.167	9.2	20.5
3 2	9 30.17	+30 10.3	1.270	2.185	13.1	20.8
3 12	9 22.83	+29 53.6	1.347	2.203	16.8	21.1
3 22	9 19.00	+29 13.9	1.443	2.222	20.0	21.3

359611 2010 XP_{88} 2 14.3 111.°81 1.°5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.73	+ 6 46.3	1.864	2.678	14.2	21.1
1 22	10 7.42	+ 7 10.8	1.795	2.690	10.7	20.9
2 1	10 0.01	+ 7 49.9	1.749	2.701	6.6	20.7
2 11	9 51.27	+ 8 39.8	1.730	2.712	2.5	20.4
2 21	9 42.18	+ 9 34.8	1.740	2.723	2.9	20.5
3 2	9 33.81	+10 28.9	1.779	2.733	7.0	20.8
3 12	9 27.09	+11 16.8	1.845	2.744	10.8	21.0
3 22	9 22.61	+11 54.8	1.934	2.753	14.1	21.2

152498 2005 WS_{123} 2 14.3 342.°12 0.°9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.57	+13 13.6	1.675	2.515	14.3	20.5
1 22	10 6.92	+13 47.5	1.599	2.512	10.5	20.3
2 1	9 59.89	+14 32.3	1.547	2.510	6.2	20.0
2 11	9 51.27	+15 22.2	1.522	2.507	1.6	19.7
2 21	9 42.15	+16 10.4	1.524	2.505	3.7	19.9
3 2	9 33.74	+16 50.7	1.554	2.503	8.3	20.1
3 12	9 27.13	+17 18.7	1.609	2.502	12.5	20.4
3 22	9 23.03	+17 32.7	1.686	2.501	16.1	20.6

319800 2006 VE_{21} 2 14.3 112.°57 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.63	+10 17.0	1.900	2.720	13.7	21.9
1 22	10 8.73	+10 42.1	1.835	2.736	10.1	21.7
2 1	10 0.74	+11 18.3	1.794	2.751	6.0	21.4
2 11	9 51.45	+12 0.9	1.782	2.766	1.6	21.2
2 21	9 41.86	+12 44.5	1.799	2.781	2.9	21.3
3 2	9 33.06	+13 23.9	1.845	2.795	7.1	21.6
3 12	9 25.96	+13 55.1	1.917	2.809	10.9	21.8
3 22	9 21.14	+14 15.8	2.013	2.822	14.0	22.1

343555 2010 FM_{30} 2 14.3 209.°31 0.°7/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.14	+13 55.7	2.669	3.491	10.1	21.8
1 22	10 5.10	+14 27.6	2.582	3.487	7.4	21.6
2 1	9 58.51	+15 5.8	2.522	3.482	4.3	21.4
2 11	9 50.89	+15 46.6	2.492	3.477	1.1	21.2
2 21	9 42.94	+16 25.8	2.492	3.471	2.7	21.3
3 2	9 35.41	+16 59.7	2.522	3.465	5.9	21.5
3 12	9 29.00	+17 25.5	2.581	3.459	8.9	21.7
3 22	9 24.22	+17 41.8	2.664	3.453	11.5	21.8

293399 2007 EB_{71} 2 14.3 316.°84 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.52	+ 9 38.8	1.665	2.500	14.6	20.6
1 22	10 5.52	+10 13.2	1.579	2.487	10.9	20.4
2 1	9 59.14	+11 2.8	1.515	2.475	6.6	20.1
2 11	9 51.11	+12 2.8	1.478	2.463	1.8	19.7
2 21	9 42.45	+13 6.6	1.469	2.452	3.2	19.8
3 2	9 34.37	+14 6.6	1.487	2.441	8.1	20.1
3 12	9 28.01	+14 56.7	1.530	2.430	12.5	20.3
3 22	9 24.10	+15 33.1	1.595	2.420	16.3	20.5

107213 2001 BJ_{42} 2 14.3 65.°40 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.27	+ 9 39.7	1.435	2.272	16.4	19.8
1 22	10 8.25	+10 22.4	1.379	2.289	12.1	19.6
2 1	10 0.65	+11 20.9	1.346	2.307	7.2	19.4
2 11	9 51.45	+12 28.3	1.339	2.324	1.9	19.1
2 21	9 41.92	+13 36.3	1.359	2.342	3.5	19.3
3 2	9 33.41	+14 36.8	1.406	2.360	8.5	19.6
3 12	9 27.02	+15 24.1	1.478	2.378	12.9	19.9
3 22	9 23.39	+15 55.6	1.571	2.396	16.6	20.2

45422 2000 AG_{162} 2 14.3 128.°42 1.°4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.20	+15 19.6	2.131	2.965	11.9	19.1
1 22	10 6.18	+16 0.2	2.057	2.968	8.7	18.9
2 1	9 59.25	+16 47.6	2.009	2.971	5.0	18.7
2 11	9 51.09	+17 36.7	1.989	2.973	1.7	18.5
2 21	9 42.58	+18 21.9	1.998	2.976	3.5	18.6
3 2	9 34.67	+18 58.6	2.037	2.978	7.2	18.8
3 12	9 28.21	+19 23.6	2.102	2.981	10.6	19.1
3 22	9 23.78	+19 35.8	2.190	2.983	13.5	19.3

378743 2008 RJ_{58} 2 14.3 233.°77 1.°0/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.21	+ 7 32.0	2.171	2.984	12.5	21.4
1 22	10 5.49	+ 8 3.8	2.081	2.977	9.4	21.2
2 1	9 58.89	+ 8 48.8	2.016	2.970	5.8	20.9
2 11	9 51.02	+ 9 43.4	1.980	2.963	2.0	20.7
2 21	9 42.70	+10 42.6	1.972	2.955	2.6	20.7
3 2	9 34.84	+11 41.0	1.995	2.947	6.5	20.9
3 12	9 28.31	+12 33.3	2.045	2.939	10.1	21.1
3 22	9 23.71	+13 16.1	2.118	2.931	13.3	21.3

456678 2007 RF_{124} 2 14.3 108.°82 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.58	+10 38.5	1.781	2.605	14.3	21.8
1 22	10 9.51	+11 19.7	1.722	2.625	10.5	21.6
2 1	10 1.22	+12 12.7	1.687	2.645	6.2	21.4
2 11	9 51.58	+13 11.6	1.680	2.665	1.5	21.2
2 21	9 41.67	+14 9.9	1.702	2.684	3.1	21.3
3 2	9 32.63	+15 1.4	1.754	2.702	7.5	21.6
3 12	9 25.44	+15 41.7	1.831	2.720	11.4	21.9
3 22	9 20.66	+16 8.8	1.932	2.737	14.7	22.1

460911 2014 WX_{213} 2 14.3 141.°11 2.°8/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.20	+ 3 32.0	1.836	2.639	14.9	21.3
1 22	10 7.85	+ 3 42.0	1.760	2.645	11.5	21.0
2 1	10 0.32	+ 4 9.3	1.707	2.651	7.6	20.8
2 11	9 51.38	+ 4 51.3	1.681	2.657	3.8	20.6
2 21	9 42.02	+ 5 43.0	1.683	2.663	3.5	20.6
3 2	9 33.33	+ 6 38.6	1.714	2.668	7.1	20.8
3 12	9 26.30	+ 7 31.8	1.771	2.673	11.0	21.1
3 22	9 21.56	+ 8 17.9	1.852	2.678	14.4	21.3

233035 2005 EQ_{318} 2 14.3 292.°81 3.°5/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.75	+20 16.6	2.095	2.940	11.6	20.0
1 22	10 5.31	+21 30.6	2.018	2.933	8.5	19.7
2 1	9 58.84	+22 49.5	1.966	2.926	5.3	19.5
2 11	9 51.02	+24 6.0	1.943	2.919	3.5	19.4
2 21	9 42.72	+25 13.0	1.949	2.912	5.4	19.5
3 2	9 34.95	+26 4.8	1.983	2.905	8.7	19.7
3 12	9 28.65	+26 38.4	2.043	2.898	11.9	19.9
3 22	9 24.45	+26 53.5	2.124	2.892	14.7	20.1

186107 2001 TG_{71} 2 14.3 124.°11 1.°5/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.70	+ 5 51.6	2.248	3.049	12.5	21.5
1 22	10 7.06	+ 6 21.6	2.179	3.066	9.4	21.3
2 1	9 59.66	+ 7 4.7	2.135	3.084	5.9	21.2
2 11	9 51.19	+ 7 57.1	2.119	3.100	2.4	21.0
2 21	9 42.46	+ 8 54.2	2.134	3.116	2.6	21.0
3 2	9 34.35	+ 9 50.8	2.180	3.132	6.0	21.2
3 12	9 27.62	+10 42.1	2.253	3.147	9.4	21.5
3 22	9 22.80	+11 25.0	2.351	3.161	12.2	21.7

189648 2001 OV_{102} 2 14.3 149.°13 7.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.33	−13 1.8	2.028	2.735	16.7	20.6
1 22	10 7.82	−12 33.2	1.944	2.747	14.1	20.4
2 1	10 0.25	−11 34.4	1.880	2.758	11.3	20.3
2 11	9 51.37	−10 5.7	1.841	2.768	8.6	20.1
2 21	9 42.08	− 8 11.2	1.830	2.777	7.2	20.1
3 2	9 33.41	− 5 58.9	1.849	2.786	8.2	20.1
3 12	9 26.29	− 3 39.3	1.897	2.793	10.7	20.3
3 22	9 21.32	− 1 22.5	1.971	2.800	13.5	20.5

377016 2002 RS_{33} 2 14.3 68.°91 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.39	+ 7 17.0	2.065	2.875	13.1	20.9
1 22	10 6.84	+ 7 35.7	2.011	2.904	9.8	20.8
2 1	9 59.51	+ 8 6.6	1.981	2.933	6.0	20.6
2 11	9 51.14	+ 8 45.7	1.980	2.962	2.3	20.4
2 21	9 42.63	+ 9 28.6	2.008	2.990	2.6	20.5
3 2	9 34.87	+10 10.3	2.065	3.018	6.2	20.8
3 12	9 28.63	+10 46.7	2.150	3.046	9.6	21.0
3 22	9 24.40	+11 15.1	2.259	3.074	12.5	21.3

310998 2003 WT_{144} 2 14.3 28.°45 3.°7/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.44	+ 3 19.6	1.476	2.293	17.1	20.5
1 22	10 7.74	+ 3 10.5	1.405	2.296	13.3	20.2
2 1	10 0.45	+ 3 21.6	1.354	2.300	9.0	20.0
2 11	9 51.45	+ 3 50.7	1.328	2.304	4.8	19.7
2 21	9 41.93	+ 4 33.2	1.329	2.309	4.4	19.7
3 2	9 33.23	+ 5 22.3	1.356	2.313	8.3	20.0
3 12	9 26.52	+ 6 10.8	1.408	2.318	12.6	20.2
3 22	9 22.54	+ 6 52.8	1.481	2.324	16.5	20.5

237609 2001 QZ_{108} 2 14.3 99.°28 5.°7/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.31	+31 54.1	2.469	3.298	10.6	20.1
1 22	10 10.37	+32 39.0	2.421	3.316	8.3	20.0
2 1	10 1.55	+33 16.7	2.400	3.335	6.3	19.9
2 11	9 51.65	+33 41.3	2.407	3.352	5.7	19.9
2 21	9 41.63	+33 48.9	2.443	3.370	6.9	20.0
3 2	9 32.47	+33 37.9	2.507	3.387	9.0	20.1
3 12	9 24.96	+33 9.5	2.597	3.404	11.2	20.3
3 22	9 19.61	+32 26.5	2.708	3.421	13.1	20.5

163462 2002 RK_{159} 2 14.3 121.°86 2.°6/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.84	+ 1 40.9	2.351	3.139	12.4	20.9
1 22	10 4.26	+ 2 9.8	2.272	3.147	9.6	20.7
2 1	9 58.05	+ 2 54.7	2.217	3.156	6.5	20.5
2 11	9 50.81	+ 3 52.7	2.190	3.163	3.5	20.3
2 21	9 43.26	+ 4 59.5	2.192	3.171	3.0	20.3
3 2	9 36.19	+ 6 9.7	2.225	3.179	5.8	20.5
3 12	9 30.35	+ 7 17.7	2.285	3.186	8.9	20.7
3 22	9 26.23	+ 8 19.2	2.371	3.193	11.7	20.9

51245 2000 JW_{40} 2 14.3 316.°64 7.°4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.82	+28 2.3	1.531	2.388	14.5	18.1
1 22	10 9.12	+29 26.2	1.462	2.377	11.2	17.9
2 1	10 1.46	+30 48.3	1.416	2.365	8.3	17.7
2 11	9 51.74	+31 57.3	1.396	2.354	7.4	17.6
2 21	9 41.33	+32 43.4	1.401	2.343	9.5	17.7
3 2	9 31.80	+33 0.8	1.431	2.333	12.9	17.9
3 12	9 24.54	+32 49.3	1.483	2.323	16.5	18.1
3 22	9 20.38	+32 12.5	1.553	2.313	19.6	18.3

189191 2003 FL_{30} 2 14.3 227.°96 2.°6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.63	+19 58.0	2.588	3.417	10.2	21.1
1 22	10 7.83	+20 46.1	2.496	3.403	7.5	20.9
2 1	10 0.22	+21 37.4	2.430	3.388	4.6	20.7
2 11	9 51.38	+22 26.7	2.394	3.373	2.6	20.5
2 21	9 42.08	+23 9.1	2.390	3.356	4.2	20.6
3 2	9 33.18	+23 40.4	2.415	3.339	7.2	20.8
3 12	9 25.52	+23 58.5	2.468	3.322	10.2	20.9
3 22	9 19.69	+24 3.0	2.544	3.303	12.8	21.1

28813 Jeffreykurtz 2 14.3 162.°07 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.01	+12 20.4	2.562	3.383	10.6	19.7
1 22	10 5.03	+12 55.1	2.483	3.386	7.7	19.5
2 1	9 58.47	+13 37.3	2.431	3.389	4.5	19.3
2 11	9 50.91	+14 23.3	2.407	3.392	1.1	19.0
2 21	9 43.06	+15 8.6	2.414	3.395	2.5	19.1
3 2	9 35.67	+15 49.3	2.452	3.398	5.9	19.4
3 12	9 29.44	+16 22.1	2.517	3.400	9.0	19.6
3 22	9 24.89	+16 45.2	2.607	3.402	11.6	19.7

36732 2000 RS_{50} 2 14.3 168.°03 0.°5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.15	+ 9 22.1	2.078	2.890	13.0	19.7
1 22	10 9.10	+ 9 51.9	2.000	2.896	9.7	19.4
2 1	10 1.01	+10 33.2	1.946	2.901	5.8	19.2
2 11	9 51.59	+11 21.9	1.921	2.905	1.7	18.9
2 21	9 41.76	+12 12.7	1.926	2.908	2.7	19.0
3 2	9 32.56	+13 0.2	1.961	2.910	6.8	19.3
3 12	9 24.90	+13 40.0	2.024	2.912	10.5	19.5
3 22	9 19.38	+14 9.7	2.110	2.913	13.7	19.7

135216 2001 RQ_{86} 2 14.3 164.°09 0.°2/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.38	+12 8.2	2.442	3.263	11.0	20.5
1 22	10 5.38	+12 34.3	2.362	3.265	8.1	20.3
2 1	9 58.72	+13 8.1	2.308	3.266	4.7	20.1
2 11	9 51.00	+13 46.0	2.283	3.268	1.2	19.8
2 21	9 42.97	+14 23.7	2.288	3.269	2.5	19.9
3 2	9 35.43	+14 57.4	2.323	3.271	6.0	20.2
3 12	9 29.12	+15 23.7	2.386	3.272	9.2	20.4
3 22	9 24.56	+15 41.1	2.472	3.272	12.0	20.6

205694 2001 YG_{127} 2 14.3 65.°66 1.°1/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.77	+14 10.8	1.364	2.209	16.7	19.9
1 22	10 11.02	+14 31.5	1.305	2.220	12.2	19.6
2 1	10 2.39	+15 2.2	1.269	2.232	7.1	19.4
2 11	9 51.95	+15 36.4	1.259	2.244	1.9	19.1
2 21	9 41.14	+16 7.0	1.275	2.256	4.2	19.3
3 2	9 31.47	+16 28.1	1.318	2.268	9.3	19.6
3 12	9 24.18	+16 36.5	1.385	2.280	13.9	19.9
3 22	9 19.94	+16 31.4	1.472	2.293	17.7	20.2

518653 2008 RE_{148} 2 14.3 204.°50 0.°2/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.39	+12 17.4	2.121	2.946	12.3	21.8
1 22	10 7.09	+12 38.3	2.040	2.944	9.1	21.6
2 1	9 59.84	+13 7.9	1.983	2.942	5.4	21.4
2 11	9 51.30	+13 42.1	1.955	2.940	1.3	21.1
2 21	9 42.37	+14 16.1	1.957	2.938	2.8	21.2
3 2	9 34.00	+14 45.7	1.987	2.936	6.8	21.4
3 12	9 27.09	+15 7.4	2.045	2.933	10.4	21.7
3 22	9 22.22	+15 19.3	2.126	2.931	13.5	21.9

294045 2007 TN_{140} 2 14.3 158.°40 2.°7/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.63	+18 52.3	2.103	2.933	12.2	21.8
1 22	10 10.19	+19 45.9	2.034	2.942	8.9	21.6
2 1	10 1.64	+20 43.6	1.991	2.950	5.3	21.4
2 11	9 51.76	+21 38.7	1.978	2.957	2.8	21.2
2 21	9 41.51	+22 25.2	1.994	2.964	4.6	21.4
3 2	9 31.98	+22 58.4	2.041	2.969	8.1	21.6
3 12	9 24.10	+23 16.4	2.114	2.974	11.4	21.8
3 22	9 18.48	+23 19.2	2.209	2.978	14.2	22.0

418243 2008 DF_{47} 2 14.3 336.°77 2.°0/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.81	+14 48.1	1.382	2.238	15.8	20.6
1 22	10 6.17	+15 37.5	1.306	2.227	11.6	20.3
2 1	9 59.73	+16 39.5	1.252	2.217	6.8	20.0
2 11	9 51.34	+17 46.5	1.224	2.208	2.3	19.7
2 21	9 42.26	+18 49.1	1.221	2.200	4.9	19.9
3 2	9 33.95	+19 39.1	1.244	2.192	10.0	20.1
3 12	9 27.75	+20 11.0	1.290	2.186	14.7	20.4
3 22	9 24.48	+20 23.2	1.356	2.180	18.7	20.6

187689 2008 DS_{40} 2 14.3 201.°79 0.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.50	+ 8 53.2	2.001	2.818	13.2	21.2
1 22	10 7.29	+ 9 17.0	1.917	2.816	9.9	21.0
2 1	10 0.02	+ 9 53.3	1.858	2.813	6.0	20.8
2 11	9 51.37	+10 38.2	1.826	2.810	1.9	20.5
2 21	9 42.26	+11 26.5	1.824	2.807	2.8	20.5
3 2	9 33.72	+12 12.8	1.852	2.804	6.9	20.8
3 12	9 26.68	+12 52.4	1.906	2.800	10.8	21.0
3 22	9 21.80	+13 22.2	1.983	2.796	14.1	21.2

373209 2012 EK_4 2 14.3 285.°62 0.°9/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.88	+13 4.9	1.751	2.588	13.9	21.3
1 22	10 7.16	+13 43.8	1.669	2.580	10.3	21.0
2 1	10 0.09	+14 33.9	1.611	2.573	6.0	20.8
2 11	9 51.42	+15 29.4	1.580	2.566	1.6	20.4
2 21	9 42.19	+16 23.5	1.578	2.558	3.7	20.6
3 2	9 33.58	+17 9.9	1.603	2.551	8.2	20.8
3 12	9 26.70	+17 43.8	1.654	2.544	12.4	21.1
3 22	9 22.26	+18 3.2	1.726	2.537	15.9	21.3

151966 2004 GG_{33} 2 14.3 292.°78 1.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.05	+13 37.3	1.320	2.169	16.8	20.4
1 22	10 9.52	+14 13.5	1.238	2.156	12.5	20.1
2 1	10 1.86	+15 3.7	1.178	2.142	7.4	19.7
2 11	9 51.93	+16 0.9	1.143	2.128	2.0	19.4
2 21	9 41.11	+16 56.2	1.134	2.115	4.7	19.5
3 2	9 31.05	+17 40.9	1.150	2.101	10.3	19.8
3 12	9 23.30	+18 9.3	1.190	2.088	15.5	20.0
3 22	9 18.80	+18 19.3	1.248	2.075	19.9	20.3

42389 4251 *P–L* 2 14.3 42.°24 4.°3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.28	+ 2 2.5	1.321	2.140	18.6	19.1
1 22	10 7.79	+ 1 57.4	1.258	2.150	14.5	18.9
2 1	10 0.56	+ 2 16.3	1.215	2.160	9.9	18.6
2 11	9 51.53	+ 2 56.6	1.196	2.171	5.5	18.4
2 21	9 42.03	+ 3 52.6	1.202	2.182	4.8	18.4
3 2	9 33.50	+ 4 56.0	1.234	2.193	8.7	18.7
3 12	9 27.17	+ 5 57.9	1.291	2.205	13.2	18.9
3 22	9 23.74	+ 6 51.5	1.368	2.217	17.2	19.2

424656 2008 QM_{36} 2 14.3 94.°32 1.°0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.39	+14 41.3	2.322	3.144	11.5	22.5
1 22	10 8.18	+15 13.6	2.268	3.173	8.3	22.4
2 1	10 0.27	+15 51.3	2.241	3.200	4.8	22.2
2 11	9 51.40	+16 29.8	2.242	3.227	1.4	22.0
2 21	9 42.38	+17 4.7	2.275	3.254	3.0	22.2
3 2	9 34.09	+17 32.4	2.338	3.280	6.4	22.4
3 12	9 27.26	+17 50.5	2.428	3.305	9.5	22.6
3 22	9 22.35	+17 58.4	2.543	3.330	12.1	22.9

426029 2011 PA_2 2 14.3 178.°38 7.°8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.79	−17 50.6	3.119	3.761	12.5	20.8
1 22	10 5.49	−18 39.8	3.025	3.762	11.1	20.7
2 1	9 58.74	−19 10.4	2.953	3.763	9.6	20.6
2 11	9 51.04	−19 20.7	2.904	3.764	8.4	20.5
2 21	9 42.99	−19 10.2	2.882	3.764	7.8	20.4
3 2	9 35.24	−18 40.8	2.887	3.764	8.0	20.4
3 12	9 28.44	−17 56.2	2.918	3.763	9.0	20.5
3 22	9 23.09	−17 1.2	2.974	3.762	10.5	20.6

155805 2000 VD_{26} 2 14.3 119.°06 2.°0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.06	+ 5 19.8	2.100	2.903	13.2	20.6
1 22	10 6.77	+ 5 33.8	2.026	2.914	10.0	20.4
2 1	9 59.61	+ 6 1.6	1.977	2.924	6.4	20.2
2 11	9 51.26	+ 6 40.3	1.955	2.934	2.9	20.0
2 21	9 42.60	+ 7 25.6	1.963	2.944	2.9	20.0
3 2	9 34.55	+ 8 12.4	2.000	2.954	6.3	20.2
3 12	9 27.94	+ 8 55.9	2.065	2.963	9.8	20.5
3 22	9 23.34	+ 9 32.6	2.153	2.972	12.9	20.7

498034 2007 HK_{34} 2 14.3 215.°10 1.°2/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.07	+ 7 8.8	2.595	3.396	11.0	22.8
1 22	10 5.88	+ 7 31.2	2.499	3.388	8.3	22.6
2 1	9 59.05	+ 8 4.4	2.429	3.379	5.2	22.4
2 11	9 51.13	+ 8 45.8	2.388	3.369	2.0	22.2
2 21	9 42.81	+ 9 31.6	2.377	3.359	2.3	22.2
3 2	9 34.87	+10 17.7	2.398	3.349	5.6	22.4
3 12	9 28.04	+11 0.0	2.446	3.338	8.8	22.6
3 22	9 22.87	+11 35.5	2.520	3.326	11.6	22.7

232300 2002 RC_{246} 2 14.3 179.°15 0.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.53	+12 23.5	2.363	3.186	11.3	21.4
1 22	10 5.57	+13 1.0	2.282	3.186	8.3	21.2
2 1	9 58.89	+13 46.9	2.228	3.187	4.8	21.0
2 11	9 51.09	+14 37.0	2.202	3.187	1.2	20.7
2 21	9 42.94	+15 26.3	2.207	3.187	2.7	20.8
3 2	9 35.29	+16 10.3	2.241	3.187	6.3	21.1
3 12	9 28.90	+16 45.5	2.303	3.186	9.6	21.3
3 22	9 24.32	+17 10.0	2.388	3.186	12.4	21.4

372977 2011 CT_{34} 2 14.3 30.°25 0.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.99	+11 38.1	1.593	2.429	15.1	20.6
1 22	10 7.96	+11 46.5	1.526	2.436	11.2	20.3
2 1	10 0.51	+12 5.9	1.483	2.443	6.6	20.1
2 11	9 51.52	+12 31.8	1.466	2.451	1.8	19.8
2 21	9 42.15	+12 58.7	1.477	2.460	3.2	19.9
3 2	9 33.63	+13 21.6	1.515	2.469	8.0	20.2
3 12	9 27.05	+13 36.4	1.578	2.478	12.2	20.5
3 22	9 23.05	+13 41.1	1.662	2.487	15.8	20.7

292499 2006 TQ_{10} 2 14.3 82.°68 2.°0/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.76	+ 3 30.5	2.405	3.201	11.9	21.0
1 22	10 3.47	+ 4 2.7	2.326	3.209	9.1	20.8
2 1	9 57.62	+ 4 49.2	2.272	3.216	6.0	20.6
2 11	9 50.78	+ 5 47.1	2.246	3.224	2.9	20.4
2 21	9 43.64	+ 6 52.0	2.250	3.231	2.6	20.4
3 2	9 36.97	+ 7 58.6	2.284	3.239	5.6	20.6
3 12	9 31.47	+ 9 1.9	2.346	3.246	8.7	20.8
3 22	9 27.62	+ 9 57.9	2.433	3.253	11.5	21.0

162057 1996 XN_{28} 2 14.3 76.°65 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.01	+11 42.9	2.222	3.046	11.9	20.2
1 22	10 5.88	+12 11.0	2.159	3.063	8.7	20.0
2 1	9 59.02	+12 47.5	2.121	3.080	5.1	19.8
2 11	9 51.13	+13 28.3	2.112	3.097	1.3	19.6
2 21	9 43.00	+14 8.7	2.132	3.114	2.6	19.7
3 2	9 35.52	+14 44.4	2.182	3.131	6.3	20.0
3 12	9 29.42	+15 12.2	2.259	3.147	9.6	20.2
3 22	9 25.21	+15 30.2	2.360	3.164	12.4	20.4

408306 2013 GB_{30} 2 14.3 233.°64 2.°9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.50	+19 0.2	1.821	2.659	13.4	21.2
1 22	10 10.57	+19 40.9	1.738	2.650	9.9	21.0
2 1	10 2.13	+20 26.5	1.680	2.640	6.0	20.7
2 11	9 51.98	+21 10.4	1.649	2.630	3.0	20.5
2 21	9 41.23	+21 45.6	1.647	2.619	5.0	20.6
3 2	9 31.16	+22 7.1	1.674	2.608	9.1	20.8
3 12	9 22.93	+22 12.5	1.726	2.597	13.0	21.0
3 22	9 17.29	+22 2.0	1.799	2.585	16.3	21.2

254537 2005 EJ_{151} 2 14.3 233.°39 0.°9/13.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.29	+12 49.3	1.924	2.753	13.2	21.7
1 22	10 8.08	+13 34.0	1.836	2.743	9.7	21.4
2 1	10 0.61	+14 29.7	1.772	2.733	5.7	21.2
2 11	9 51.60	+15 30.9	1.737	2.722	1.5	20.9
2 21	9 41.99	+16 30.9	1.731	2.711	3.5	21.0
3 2	9 32.91	+17 23.6	1.753	2.699	7.8	21.2
3 12	9 25.42	+18 4.2	1.802	2.686	11.8	21.4
3 22	9 20.24	+18 30.4	1.874	2.674	15.3	21.6

35041 1981 ER_{34} 2 14.3 315.°06 3.°7/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.11	+ 0 12.7	2.334	3.115	12.7	20.1
1 22	10 4.57	+ 0 6.8	2.245	3.113	10.1	19.9
2 1	9 58.33	+ 0 16.4	2.181	3.111	7.1	19.7
2 11	9 50.98	+ 0 40.3	2.143	3.109	4.5	19.5
2 21	9 43.26	+ 1 15.8	2.134	3.107	3.9	19.5
3 2	9 35.98	+ 1 58.9	2.154	3.105	6.2	19.6
3 12	9 29.91	+ 2 44.8	2.202	3.103	9.1	19.8
3 22	9 25.58	+ 3 28.9	2.274	3.102	12.0	20.0

114892 2003 QN_{20} 2 14.3 230.°34 1.°0/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.21	+12 21.7	1.815	2.646	13.8	20.1
1 22	10 8.15	+13 18.7	1.729	2.637	10.2	19.8
2 1	10 0.72	+14 28.8	1.667	2.628	6.0	19.6
2 11	9 51.64	+15 45.4	1.632	2.618	1.6	19.3
2 21	9 41.92	+17 1.0	1.627	2.607	3.7	19.4
3 2	9 32.77	+18 8.0	1.651	2.596	8.3	19.6
3 12	9 25.28	+19 0.9	1.701	2.584	12.4	19.9
3 22	9 20.22	+19 37.2	1.772	2.572	16.0	20.1

33048 1997 UX_4 2 14.3 18.°98 1.°9/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.70	+15 31.2	1.046	1.914	18.8	17.6
1 22	10 8.68	+15 53.1	0.994	1.921	13.8	17.3
2 1	10 1.30	+16 25.8	0.962	1.929	8.0	17.0
2 11	9 51.78	+17 1.3	0.953	1.939	2.4	16.7
2 21	9 41.80	+17 30.5	0.968	1.949	5.2	16.9
3 2	9 33.17	+17 46.7	1.007	1.962	10.9	17.3
3 12	9 27.32	+17 46.3	1.067	1.975	16.0	17.6
3 22	9 24.94	+17 29.5	1.145	1.989	20.2	17.9

144617 2004 FD_{63} 2 14.3 12.°72 4.°8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.09	− 1 13.7	1.440	2.248	18.0	19.6
1 22	10 4.65	− 0 57.8	1.367	2.250	14.3	19.3
2 1	9 58.72	− 0 14.4	1.315	2.252	10.1	19.1
2 11	9 51.14	+ 0 54.3	1.286	2.256	6.1	18.9
2 21	9 43.01	+ 2 21.9	1.282	2.260	5.0	18.8
3 2	9 35.63	+ 3 59.0	1.305	2.265	8.3	19.0
3 12	9 30.15	+ 5 34.9	1.353	2.270	12.5	19.3
3 22	9 27.28	+ 7 1.1	1.423	2.276	16.4	19.5

296358 2009 FD_{25} 2 14.3 184.°36 3.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.11	+20 57.4	1.936	2.774	12.7	20.9
1 22	10 10.09	+21 52.6	1.863	2.775	9.4	20.7
2 1	10 1.75	+22 50.9	1.816	2.775	5.8	20.5
2 11	9 51.88	+23 44.8	1.797	2.774	3.6	20.3
2 21	9 41.56	+24 27.6	1.808	2.773	5.5	20.4
3 2	9 31.96	+24 54.6	1.847	2.771	9.0	20.7
3 12	9 24.14	+25 3.8	1.911	2.769	12.5	20.9
3 22	9 18.76	+24 56.1	1.997	2.766	15.5	21.1

334087 2001 QD_{123} 2 14.3 114.°00 1.°4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.09	+17 13.6	2.497	3.322	10.7	20.9
1 22	10 7.97	+17 30.8	2.430	3.336	7.7	20.7
2 1	10 0.20	+17 51.1	2.389	3.349	4.5	20.5
2 11	9 51.44	+18 10.7	2.379	3.362	1.6	20.3
2 21	9 42.48	+18 25.9	2.398	3.375	3.1	20.5
3 2	9 34.14	+18 33.9	2.449	3.387	6.3	20.7
3 12	9 27.15	+18 33.2	2.527	3.400	9.3	20.9
3 22	9 22.00	+18 23.6	2.629	3.412	11.8	21.1

324001 2005 UB_{274} 2 14.3 166.°92 1.°9/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.69	+ 6 7.6	2.449	3.242	11.8	21.5
1 22	10 8.51	+ 6 7.0	2.365	3.247	9.0	21.3
2 1	10 0.59	+ 6 17.1	2.307	3.252	5.8	21.1
2 11	9 51.56	+ 6 35.8	2.277	3.256	2.6	20.9
2 21	9 42.20	+ 7 0.1	2.279	3.260	2.7	20.9
3 2	9 33.36	+ 7 26.5	2.312	3.262	5.8	21.1
3 12	9 25.81	+ 7 51.4	2.373	3.265	9.0	21.4
3 22	9 20.09	+ 8 12.1	2.459	3.266	11.8	21.5

429635 2011 FZ_{110} 2 14.3 17.°52 2.°7/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.75	+ 4 22.5	1.859	2.668	14.4	20.9
1 22	10 6.12	+ 4 26.8	1.780	2.669	11.1	20.7
2 1	9 59.39	+ 4 47.2	1.724	2.671	7.3	20.4
2 11	9 51.28	+ 5 21.3	1.694	2.672	3.6	20.2
2 21	9 42.74	+ 6 4.7	1.693	2.674	3.4	20.2
3 2	9 34.81	+ 6 52.0	1.720	2.676	7.0	20.4
3 12	9 28.45	+ 7 37.4	1.773	2.678	10.8	20.7
3 22	9 24.28	+ 8 16.5	1.849	2.680	14.2	20.9

377667 2005 UF_{271} 2 14.3 77.°43 19.°8/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 30.87	+51 17.7	1.086	1.908	21.6	19.9
1 22	10 24.12	+54 8.3	1.072	1.918	20.2	19.9
2 1	10 11.25	+56 20.0	1.076	1.928	19.8	19.9
2 11	9 54.37	+57 33.5	1.098	1.938	20.5	20.0
2 21	9 36.98	+57 40.5	1.136	1.948	21.9	20.1
3 2	9 22.73	+56 45.2	1.190	1.958	23.7	20.3
3 12	9 13.88	+55 1.3	1.256	1.968	25.5	20.4
3 22	9 10.81	+52 44.1	1.333	1.978	27.1	20.6

83079 2001 QN_{222} 2 14.3 109.°65 2.°6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 8.65	+ 1 16.8	2.427	3.212	12.2	20.0
1 22	10 4.11	+ 1 46.3	2.350	3.223	9.5	19.8
2 1	9 58.00	+ 2 31.4	2.297	3.234	6.4	19.6
2 11	9 50.91	+ 3 29.4	2.272	3.245	3.5	19.5
2 21	9 43.54	+ 4 36.1	2.277	3.255	3.0	19.5
3 2	9 36.65	+ 5 46.3	2.312	3.266	5.6	19.6
3 12	9 30.94	+ 6 54.6	2.375	3.276	8.6	19.8
3 22	9 26.89	+ 7 56.6	2.464	3.286	11.4	20.0

16360 1978 VY_5 2 14.3 42.°32 1.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.27	+14 20.9	1.117	1.977	18.4	17.4
1 22	10 9.63	+15 6.1	1.068	1.991	13.5	17.1
2 1	10 1.77	+16 4.2	1.040	2.005	7.8	16.9
2 11	9 51.90	+17 5.6	1.036	2.021	2.4	16.6
2 21	9 41.65	+18 0.2	1.056	2.036	5.1	16.8
3 2	9 32.74	+18 39.8	1.102	2.053	10.6	17.1
3 12	9 26.51	+19 0.4	1.169	2.070	15.5	17.5
3 22	9 23.64	+19 1.7	1.255	2.087	19.5	17.8

360413 2002 GE_{85} 2 14.3 249.°41 0.°8/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.33	+ 7 58.7	1.958	2.772	13.6	21.6
1 22	10 8.17	+ 8 36.0	1.856	2.753	10.3	21.3
2 1	10 0.74	+ 9 28.8	1.778	2.733	6.3	21.0
2 11	9 51.68	+10 32.9	1.729	2.712	2.0	20.7
2 21	9 41.90	+11 42.4	1.708	2.691	2.9	20.7
3 2	9 32.51	+12 50.6	1.718	2.669	7.4	20.9
3 12	9 24.59	+13 51.1	1.754	2.647	11.6	21.1
3 22	9 18.93	+14 39.9	1.813	2.623	15.3	21.3

489492 2007 GW_{75} 2 14.3 256.°93 3.°2/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.10	+17 59.1	1.724	2.564	14.0	22.4
1 22	10 10.62	+19 2.7	1.630	2.543	10.3	22.1
2 1	10 2.39	+20 15.6	1.560	2.521	6.3	21.9
2 11	9 52.13	+21 29.6	1.517	2.498	3.2	21.6
2 21	9 40.99	+22 35.7	1.504	2.474	5.6	21.7
3 2	9 30.34	+23 26.4	1.518	2.450	10.0	21.9
3 12	9 21.53	+23 57.3	1.557	2.425	14.3	22.1
3 22	9 15.48	+24 7.9	1.617	2.400	18.0	22.3

344500 2002 QH_{121} 2 14.4 126.°75 1.°6/15.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.75	+ 6 19.3	1.636	2.449	15.9	22.6
1 22	10 10.64	+ 6 50.1	1.571	2.465	12.0	22.4
2 1	10 2.08	+ 7 38.2	1.529	2.481	7.4	22.1
2 11	9 51.98	+ 8 38.5	1.513	2.496	2.8	21.9
2 21	9 41.49	+ 9 44.3	1.527	2.510	3.2	21.9
3 2	9 31.90	+10 48.1	1.569	2.523	7.8	22.2
3 12	9 24.28	+11 43.6	1.638	2.536	12.0	22.5
3 22	9 19.28	+12 27.0	1.729	2.548	15.6	22.8

493343 2014 VT_{29} 2 14.4 164.°27 1.°1/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.41	+14 24.5	2.336	3.157	11.4	22.6
1 22	10 8.42	+15 5.9	2.260	3.164	8.3	22.4
2 1	10 0.59	+15 54.1	2.211	3.170	4.8	22.2
2 11	9 51.58	+16 44.3	2.191	3.175	1.4	22.0
2 21	9 42.24	+17 31.3	2.202	3.180	3.1	22.1
3 2	9 33.47	+18 10.7	2.243	3.184	6.7	22.4
3 12	9 26.09	+18 39.4	2.312	3.187	10.0	22.6
3 22	9 20.66	+18 56.4	2.405	3.189	12.8	22.8

160722 2000 QY_{166} 2 14.4 89.°48 0.°9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.38	+10 6.9	1.514	2.342	16.2	19.6
1 22	10 11.26	+10 8.0	1.450	2.354	12.1	19.4
2 1	10 2.50	+10 21.8	1.409	2.367	7.3	19.1
2 11	9 52.09	+10 44.0	1.395	2.379	2.3	18.9
2 21	9 41.30	+11 9.3	1.408	2.391	3.3	19.0
3 2	9 31.52	+11 32.3	1.449	2.403	8.2	19.3
3 12	9 23.89	+11 48.6	1.515	2.415	12.6	19.6
3 22	9 19.08	+11 55.9	1.602	2.426	16.3	19.8

274339 2008 RE_{31} 2 14.4 189.°62 0.°1/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.96	+11 33.0	2.165	2.987	12.2	21.8
1 22	10 6.78	+11 58.9	2.084	2.986	9.0	21.6
2 1	9 59.70	+12 34.0	2.027	2.986	5.3	21.3
2 11	9 51.38	+13 14.5	2.000	2.985	1.3	21.1
2 21	9 42.66	+13 55.4	2.002	2.984	2.7	21.2
3 2	9 34.49	+14 32.1	2.033	2.982	6.6	21.4
3 12	9 27.73	+15 0.9	2.092	2.981	10.2	21.6
3 22	9 22.96	+15 19.7	2.174	2.979	13.2	21.8

409918 2006 TD_{88} 2 14.4 145.°81 1.°7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.85	+ 6 31.0	2.030	2.836	13.5	22.1
1 22	10 8.19	+ 6 46.6	1.954	2.845	10.2	21.9
2 1	10 0.53	+ 7 15.7	1.903	2.853	6.4	21.7
2 11	9 51.59	+ 7 55.0	1.879	2.860	2.6	21.4
2 21	9 42.29	+ 8 39.8	1.885	2.867	2.8	21.5
3 2	9 33.61	+ 9 25.1	1.920	2.874	6.6	21.7
3 12	9 26.47	+10 6.0	1.983	2.880	10.3	21.9
3 22	9 21.46	+10 39.1	2.069	2.885	13.5	22.2

464880 2005 JK_{175} 2 14.4 159.°66 2.°4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 7.97	+ 0 24.6	3.094	3.863	10.2	22.2
1 22	10 3.35	+ 0 54.7	3.006	3.870	7.9	22.1
2 1	9 57.47	+ 1 37.9	2.944	3.876	5.5	21.9
2 11	9 50.79	+ 2 31.9	2.912	3.881	3.1	21.8
2 21	9 43.87	+ 3 33.7	2.910	3.886	2.7	21.8
3 2	9 37.29	+ 4 39.2	2.940	3.891	4.7	21.9
3 12	9 31.62	+ 5 44.2	2.999	3.895	7.2	22.1
3 22	9 27.26	+ 6 45.1	3.085	3.899	9.5	22.2

359135 2009 BZ_{85} 2 14.4 358.°14 0.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.91	+ 9 41.1	1.225	2.075	17.8	20.8
1 22	10 7.16	+10 1.5	1.157	2.073	13.4	20.5
2 1	10 0.41	+10 39.9	1.109	2.071	8.1	20.2
2 11	9 51.63	+11 30.8	1.085	2.070	2.3	19.8
2 21	9 42.19	+12 26.0	1.086	2.069	3.8	19.9
3 2	9 33.68	+13 16.7	1.112	2.070	9.5	20.2
3 12	9 27.50	+13 56.1	1.160	2.072	14.7	20.5
3 22	9 24.46	+14 20.2	1.228	2.074	19.0	20.8

129435 5017 $T\text{-}3$ 2 14.4 113.°36 0.°6/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.62	+11 32.3	2.130	2.954	12.3	20.4
1 22	10 6.47	+12 29.1	2.064	2.969	9.0	20.2
2 1	9 59.47	+13 36.0	2.024	2.983	5.2	20.0
2 11	9 51.31	+14 47.5	2.012	2.998	1.3	19.8
2 21	9 42.86	+15 57.3	2.031	3.012	3.0	19.9
3 2	9 35.04	+16 59.6	2.080	3.025	6.8	20.2
3 12	9 28.66	+17 50.3	2.156	3.038	10.2	20.4
3 22	9 24.27	+18 27.4	2.255	3.051	13.1	20.7

148810 2001 UX_{112} 2 14.4 117.°41 0.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.24	+10 40.5	2.075	2.893	12.8	20.5
1 22	10 8.38	+11 4.7	2.009	2.909	9.4	20.4
2 1	10 0.58	+11 38.7	1.967	2.924	5.6	20.2
2 11	9 51.59	+12 18.3	1.954	2.938	1.5	19.9
2 21	9 42.33	+12 58.5	1.970	2.953	2.7	20.0
3 2	9 33.77	+13 34.7	2.017	2.967	6.6	20.3
3 12	9 26.76	+14 3.2	2.091	2.980	10.2	20.5
3 22	9 21.85	+14 22.2	2.188	2.993	13.2	20.7

134873 2000 QR_{89} 2 14.4 88.°56 0.°8/13.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.40	+15 40.2	2.401	3.224	11.1	18.6
1 22	10 8.25	+15 44.5	2.332	3.236	8.1	18.5
2 1	10 0.41	+15 52.7	2.290	3.249	4.7	18.3
2 11	9 51.54	+16 1.6	2.277	3.262	1.3	18.0
2 21	9 42.46	+16 7.7	2.295	3.275	2.8	18.2
3 2	9 34.03	+16 8.7	2.343	3.287	6.2	18.4
3 12	9 27.00	+16 2.7	2.419	3.300	9.3	18.6
3 22	9 21.86	+15 49.3	2.519	3.312	12.0	18.8

243646 1999 TT_{147} 2 14.4 173.°01 1.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.66	+ 6 54.0	2.010	2.817	13.6	21.1
1 22	10 8.86	+ 7 8.8	1.929	2.820	10.3	20.9
2 1	10 0.98	+ 7 36.9	1.872	2.823	6.5	20.7
2 11	9 51.73	+ 8 15.2	1.843	2.825	2.6	20.5
2 21	9 42.04	+ 8 59.0	1.844	2.826	2.8	20.5
3 2	9 32.96	+ 9 43.1	1.874	2.827	6.8	20.7
3 12	9 25.43	+10 22.7	1.931	2.827	10.6	21.0
3 22	9 20.08	+10 54.3	2.012	2.826	13.8	21.2

325815 2010 RS_{125} 2 14.4 42.°86 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.06	+ 9 45.9	1.403	2.245	16.5	20.7
1 22	10 6.78	+10 34.8	1.347	2.259	12.1	20.4
2 1	9 59.93	+11 40.2	1.312	2.274	7.2	20.2
2 11	9 51.47	+12 54.8	1.304	2.289	1.8	19.9
2 21	9 42.63	+14 9.6	1.322	2.305	3.6	20.1
3 2	9 34.77	+15 16.2	1.367	2.321	8.6	20.4
3 12	9 28.98	+16 8.4	1.436	2.338	13.1	20.7
3 22	9 25.91	+16 43.4	1.526	2.355	16.8	21.0

461760 2005 UR_{250} 2 14.4 195.°13 4.°9/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.64	− 4 48.7	2.587	3.328	12.6	22.0
1 22	10 7.05	− 5 1.0	2.490	3.325	10.4	21.9
2 1	9 59.80	− 4 56.5	2.416	3.322	7.9	21.7
2 11	9 51.43	− 4 35.2	2.370	3.317	5.7	21.5
2 21	9 42.64	− 3 59.0	2.353	3.312	5.0	21.5
3 2	9 34.24	− 3 11.5	2.366	3.306	6.5	21.6
3 12	9 26.97	− 2 17.4	2.408	3.299	8.9	21.7
3 22	9 21.38	− 1 21.8	2.475	3.292	11.5	21.9

337799 2001 UC_{211} 2 14.4 143.°86 3.°9/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.84	− 1 52.1	2.525	3.291	12.3	21.0
1 22	10 4.25	− 1 49.0	2.439	3.295	9.8	20.9
2 1	9 58.11	− 1 29.8	2.377	3.299	7.1	20.7
2 11	9 50.99	− 0 55.8	2.342	3.303	4.7	20.5
2 21	9 43.54	− 0 9.7	2.337	3.306	4.0	20.5
3 2	9 36.52	+ 0 44.4	2.361	3.310	5.9	20.6
3 12	9 30.62	+ 1 41.3	2.413	3.313	8.5	20.8
3 22	9 26.34	+ 2 36.6	2.490	3.316	11.1	21.0

466970 2016 BE_8 2 14.4 201.°78 2.°0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.51	+ 7 40.9	1.858	2.670	14.3	21.2
1 22	10 9.65	+ 7 25.8	1.776	2.669	10.9	21.0
2 1	10 1.52	+ 7 22.6	1.718	2.668	6.9	20.7
2 11	9 51.88	+ 7 29.0	1.687	2.667	2.9	20.5
2 21	9 41.77	+ 7 41.7	1.685	2.666	3.2	20.5
3 2	9 32.33	+ 7 56.8	1.711	2.665	7.2	20.7
3 12	9 24.58	+ 8 10.3	1.765	2.664	11.2	21.0
3 22	9 19.20	+ 8 19.0	1.841	2.663	14.6	21.2

159951 2005 YB_{93} 2 14.4 352.°48 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.78	+11 4.1	1.767	2.602	13.9	20.7
1 22	10 5.58	+11 53.1	1.690	2.600	10.3	20.5
2 1	9 59.17	+12 55.5	1.638	2.599	6.0	20.2
2 11	9 51.29	+14 5.3	1.612	2.598	1.5	19.9
2 21	9 42.93	+15 15.5	1.615	2.597	3.3	20.0
3 2	9 35.20	+16 18.8	1.646	2.596	7.8	20.3
3 12	9 29.12	+17 9.8	1.703	2.596	11.9	20.5
3 22	9 25.34	+17 45.7	1.781	2.596	15.3	20.8

65882 1997 YR_8 2 14.4 209.°06 2.°2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.85	+19 26.2	2.423	3.255	10.7	19.2
1 22	10 7.30	+19 54.6	2.343	3.252	7.8	19.0
2 1	9 59.95	+20 25.5	2.290	3.250	4.7	18.8
2 11	9 51.47	+20 54.3	2.267	3.247	2.3	18.6
2 21	9 42.64	+21 16.6	2.273	3.244	3.9	18.7
3 2	9 34.36	+21 29.2	2.309	3.241	7.0	18.9
3 12	9 27.43	+21 30.5	2.371	3.238	10.1	19.1
3 22	9 22.38	+21 20.3	2.457	3.235	12.7	19.3

362067 2009 BE_{63} 2 14.4 52.°20 0.°7/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.81	+11 38.3	1.254	2.095	18.1	20.8
1 22	10 12.57	+11 26.2	1.203	2.114	13.4	20.6
2 1	10 3.35	+11 26.3	1.174	2.134	8.0	20.4
2 11	9 52.34	+11 34.1	1.170	2.154	2.3	20.1
2 21	9 41.08	+11 44.0	1.192	2.175	3.7	20.2
3 2	9 31.17	+11 51.1	1.240	2.196	9.1	20.6
3 12	9 23.85	+11 51.7	1.312	2.217	13.8	20.9
3 22	9 19.73	+11 44.0	1.404	2.238	17.7	21.2

462875 2010 VL_{110} 2 14.4 83.°63 1.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.29	+14 57.6	1.706	2.546	14.1	21.5
1 22	10 8.09	+15 52.7	1.646	2.559	10.2	21.3
2 1	10 0.59	+16 56.7	1.610	2.573	5.9	21.1
2 11	9 51.64	+18 2.3	1.602	2.586	2.1	20.8
2 21	9 42.35	+19 2.1	1.621	2.599	4.2	21.0
3 2	9 33.90	+19 49.8	1.669	2.611	8.4	21.3
3 12	9 27.30	+20 21.8	1.742	2.624	12.3	21.5
3 22	9 23.17	+20 37.4	1.837	2.637	15.5	21.8

356373 2010 NF_5 2 14.4 263.°94 2.°5/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.01	+15 36.7	1.769	2.607	13.8	21.2
1 22	10 9.03	+16 47.2	1.671	2.584	10.2	20.9
2 1	10 1.45	+18 10.0	1.598	2.560	6.0	20.6
2 11	9 51.95	+19 37.4	1.553	2.536	2.6	20.4
2 21	9 41.57	+21 0.4	1.537	2.511	5.0	20.5
3 2	9 31.61	+22 10.6	1.550	2.486	9.5	20.7
3 12	9 23.34	+23 2.3	1.587	2.460	13.8	20.8
3 22	9 17.68	+23 33.6	1.646	2.433	17.5	21.0

436289 2010 DV_{12} 2 14.4 4.°42 8.°6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.54	−10 53.6	2.153	2.871	15.5	20.8
1 22	10 7.32	−12 5.5	2.068	2.871	13.4	20.6
2 1	10 0.10	−12 56.6	2.003	2.871	11.2	20.5
2 11	9 51.54	−13 24.2	1.963	2.872	9.3	20.4
2 21	9 42.47	−13 27.7	1.949	2.872	8.6	20.3
3 2	9 33.87	−13 9.0	1.961	2.873	9.4	20.4
3 12	9 26.65	−12 33.3	1.999	2.875	11.2	20.5
3 22	9 21.46	−11 47.2	2.059	2.876	13.5	20.6

363764 2005 EA_{22} 2 14.4 285.°25 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.60	+10 56.9	1.584	2.419	15.2	21.3
1 22	10 8.00	+11 29.0	1.498	2.408	11.3	21.0
2 1	10 0.79	+12 15.6	1.436	2.397	6.8	20.7
2 11	9 51.76	+13 11.2	1.400	2.385	1.7	20.3
2 21	9 42.03	+14 8.8	1.392	2.374	3.5	20.4
3 2	9 32.93	+15 1.0	1.410	2.363	8.6	20.7
3 12	9 25.70	+15 41.9	1.454	2.352	13.2	20.9
3 22	9 21.16	+16 8.3	1.518	2.341	17.2	21.2

202431 2005 WM_{186} 2 14.4 60.°56 0.°3/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.10	+10 51.9	1.224	2.069	18.2	20.8
1 22	10 10.61	+11 33.5	1.180	2.094	13.3	20.5
2 1	10 2.20	+12 30.7	1.157	2.119	7.8	20.3
2 11	9 52.06	+13 35.3	1.159	2.145	1.9	20.0
2 21	9 41.69	+14 37.7	1.188	2.170	4.0	20.2
3 2	9 32.65	+15 29.9	1.242	2.196	9.4	20.6
3 12	9 26.15	+16 6.7	1.320	2.221	14.0	20.9
3 22	9 22.74	+16 26.5	1.418	2.247	17.8	21.2

396809 2004 PV_{89} 2 14.4 133.°64 1.°0/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.77	+14 15.0	1.927	2.750	13.4	22.0
1 22	10 11.83	+14 44.4	1.863	2.767	9.8	21.8
2 1	10 2.68	+15 21.1	1.824	2.783	5.7	21.6
2 11	9 52.18	+15 59.6	1.813	2.798	1.6	21.3
2 21	9 41.39	+16 34.5	1.833	2.812	3.4	21.5
3 2	9 31.45	+17 1.2	1.882	2.826	7.5	21.8
3 12	9 23.33	+17 17.0	1.959	2.838	11.2	22.0
3 22	9 17.61	+17 21.2	2.058	2.850	14.3	22.3

230503 2002 TC_{385} 2 14.4 30.°37 5.°3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.60	+25 26.5	1.675	2.528	13.7	19.5
1 22	10 8.41	+26 17.9	1.625	2.541	10.2	19.3
2 1	10 0.79	+27 7.1	1.599	2.554	6.9	19.2
2 11	9 51.70	+27 45.7	1.599	2.568	5.3	19.1
2 21	9 42.35	+28 7.6	1.626	2.582	7.1	19.2
3 2	9 34.02	+28 9.4	1.679	2.597	10.3	19.5
3 12	9 27.72	+27 51.2	1.756	2.613	13.5	19.7
3 22	9 24.04	+27 15.7	1.854	2.629	16.3	19.9

147281 2002 YG_{35} 2 14.4 101.°97 4.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.08	+22 58.5	1.920	2.762	12.6	19.4
1 22	10 9.26	+24 39.3	1.873	2.785	9.3	19.2
2 1	10 1.22	+26 20.8	1.852	2.806	6.1	19.1
2 11	9 51.81	+27 53.4	1.860	2.828	4.9	19.0
2 21	9 42.10	+29 9.2	1.898	2.849	6.7	19.2
3 2	9 33.24	+30 3.0	1.964	2.869	9.8	19.4
3 12	9 26.20	+30 33.7	2.054	2.889	12.7	19.6
3 22	9 21.55	+30 43.0	2.165	2.908	15.2	19.8

354086 2001 WZ_{45} 2 14.4 27.°83 1.°9/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.87	+ 7 38.5	1.072	1.924	19.7	20.6
1 22	10 7.95	+ 7 45.1	1.020	1.934	14.9	20.3
2 1	10 0.87	+ 8 13.0	0.987	1.946	9.2	20.0
2 11	9 51.77	+ 8 56.8	0.976	1.960	3.4	19.7
2 21	9 42.21	+ 9 48.3	0.990	1.974	4.0	19.8
3 2	9 33.90	+10 38.3	1.028	1.989	9.6	20.2
3 12	9 28.19	+11 19.1	1.087	2.005	14.8	20.5
3 22	9 25.77	+11 46.2	1.166	2.023	19.1	20.8

407765 2011 WK_{79} 2 14.4 3.°39 1.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.52	+ 9 4.7	1.252	2.098	17.8	20.7
1 22	10 7.54	+ 9 13.2	1.184	2.097	13.4	20.4
2 1	10 0.63	+ 9 39.1	1.136	2.096	8.2	20.2
2 11	9 51.73	+10 17.8	1.113	2.097	2.7	19.8
2 21	9 42.22	+11 2.2	1.115	2.099	3.7	19.9
3 2	9 33.64	+11 44.6	1.142	2.101	9.2	20.2
3 12	9 27.37	+12 18.2	1.192	2.105	14.3	20.5
3 22	9 24.17	+12 39.1	1.261	2.109	18.5	20.8

282147 2001 RV_{39} 2 14.4 154.°23 3.°8/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.29	+ 1 40.2	1.824	2.614	15.4	21.8
1 22	10 10.22	+ 1 36.6	1.747	2.622	12.1	21.6
2 1	10 1.86	+ 1 51.3	1.693	2.630	8.3	21.4
2 11	9 52.01	+ 2 22.5	1.665	2.636	4.7	21.2
2 21	9 41.70	+ 3 6.2	1.666	2.643	4.2	21.2
3 2	9 32.10	+ 3 56.8	1.696	2.648	7.4	21.4
3 12	9 24.23	+ 4 47.8	1.752	2.653	11.2	21.6
3 22	9 18.77	+ 5 34.2	1.832	2.657	14.6	21.9

406202 2006 XV_{16} 2 14.4 98.°35 4.°7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.84	+23 27.4	1.945	2.786	12.6	21.0
1 22	10 9.75	+24 52.6	1.899	2.810	9.2	20.9
2 1	10 1.47	+26 17.4	1.880	2.834	6.1	20.7
2 11	9 51.88	+27 33.4	1.889	2.857	4.7	20.7
2 21	9 42.05	+28 33.2	1.928	2.880	6.5	20.8
3 2	9 33.11	+29 12.6	1.994	2.902	9.5	21.0
3 12	9 26.00	+29 30.8	2.086	2.924	12.4	21.3
3 22	9 21.28	+29 29.7	2.198	2.945	14.9	21.5

87775 2000 SZ_{100} 2 14.4 169.°50 5.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.86	− 7 6.0	2.486	3.218	13.3	20.0
1 22	10 6.52	− 7 22.7	2.397	3.222	11.1	19.8
2 1	9 59.50	− 7 20.8	2.331	3.226	8.6	19.7
2 11	9 51.39	− 6 59.9	2.292	3.229	6.5	19.5
2 21	9 42.91	− 6 22.0	2.280	3.231	5.7	19.5
3 2	9 34.86	− 5 30.6	2.298	3.233	6.9	19.6
3 12	9 28.00	− 4 31.0	2.344	3.234	9.2	19.7
3 22	9 22.88	− 3 29.0	2.414	3.235	11.6	19.9

426774 2013 TA_{108} 2 14.4 67.°17 1.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.68	+15 26.7	1.984	2.821	12.6	20.9
1 22	10 6.72	+16 7.0	1.914	2.826	9.2	20.7
2 1	9 59.74	+16 54.3	1.869	2.830	5.3	20.5
2 11	9 51.46	+17 43.1	1.851	2.836	1.8	20.2
2 21	9 42.82	+18 27.7	1.863	2.841	3.7	20.4
3 2	9 34.83	+19 3.0	1.903	2.846	7.6	20.6
3 12	9 28.42	+19 26.0	1.970	2.851	11.1	20.8
3 22	9 24.15	+19 35.6	2.058	2.856	14.1	21.0

24697 Rastrelli 2 14.4 123.°10 0.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.24	+12 41.0	1.915	2.740	13.4	18.5
1 22	10 9.30	+13 11.0	1.848	2.753	9.8	18.3
2 1	10 1.24	+13 50.0	1.806	2.766	5.7	18.1
2 11	9 51.84	+14 32.9	1.792	2.778	1.4	17.8
2 21	9 42.12	+15 14.3	1.808	2.789	3.2	17.9
3 2	9 33.17	+15 49.0	1.853	2.800	7.3	18.2
3 12	9 25.92	+16 13.6	1.924	2.811	11.1	18.5
3 22	9 20.96	+16 26.6	2.019	2.821	14.2	18.7

454126 2013 CH_{162} 2 14.4 130.°11 0.°8/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.44	+ 7 39.5	1.836	2.651	14.3	21.4
1 22	10 8.80	+ 8 25.4	1.768	2.665	10.7	21.2
2 1	10 0.99	+ 9 26.4	1.724	2.679	6.5	21.0
2 11	9 51.79	+10 37.1	1.708	2.692	2.0	20.8
2 21	9 42.22	+11 50.7	1.721	2.704	2.9	20.8
3 2	9 33.40	+13 0.1	1.764	2.716	7.2	21.1
3 12	9 26.29	+13 59.6	1.834	2.727	11.2	21.4
3 22	9 21.50	+14 45.8	1.927	2.737	14.5	21.6

360224 1999 TX_{68} 2 14.4 262.°08 2.°7/16.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.39	+ 4 26.3	1.807	2.613	14.9	21.5
1 22	10 8.39	+ 4 34.1	1.707	2.595	11.6	21.2
2 1	10 1.00	+ 4 59.3	1.629	2.576	7.6	21.0
2 11	9 51.87	+ 5 39.7	1.578	2.557	3.7	20.7
2 21	9 41.97	+ 6 30.9	1.556	2.537	3.5	20.6
3 2	9 32.51	+ 7 27.0	1.561	2.517	7.6	20.8
3 12	9 24.63	+ 8 21.2	1.593	2.496	12.0	21.0
3 22	9 19.15	+ 9 8.3	1.648	2.475	15.8	21.2

417235 2005 YA_{77} 2 14.4 121.°14 3.°2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.95	+20 37.2	2.260	3.095	11.3	21.8
1 22	10 8.15	+21 41.4	2.202	3.112	8.2	21.7
2 1	10 0.47	+22 47.7	2.171	3.129	5.1	21.5
2 11	9 51.65	+23 49.7	2.169	3.145	3.2	21.4
2 21	9 42.56	+24 41.6	2.197	3.160	4.9	21.5
3 2	9 34.15	+25 19.1	2.254	3.175	7.9	21.7
3 12	9 27.25	+25 40.7	2.337	3.189	10.8	21.9
3 22	9 22.37	+25 46.7	2.443	3.203	13.2	22.1

319516 2006 QV_{169} 2 14.4 87.°59 2.°0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.81	+14 41.6	1.755	2.590	14.0	20.9
1 22	10 9.06	+15 54.9	1.706	2.617	10.1	20.7
2 1	10 1.10	+17 16.7	1.681	2.643	5.8	20.5
2 11	9 51.81	+18 38.8	1.685	2.669	2.2	20.3
2 21	9 42.29	+19 53.2	1.718	2.694	4.3	20.5
3 2	9 33.68	+20 53.5	1.780	2.719	8.3	20.8
3 12	9 26.94	+21 36.3	1.868	2.743	11.9	21.1
3 22	9 22.62	+22 1.3	1.978	2.767	14.9	21.3

504114 2006 OH_1 2 14.4 199.°33 1.°4/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.90	+15 58.7	3.041	3.863	9.0	22.9
1 22	10 4.90	+16 50.3	2.954	3.859	6.6	22.7
2 1	9 58.48	+17 47.0	2.894	3.854	3.8	22.5
2 11	9 51.14	+18 44.6	2.866	3.849	1.5	22.3
2 21	9 43.49	+19 38.9	2.868	3.843	2.9	22.4
3 2	9 36.17	+20 26.1	2.902	3.836	5.7	22.6
3 12	9 29.82	+21 3.6	2.965	3.829	8.3	22.8
3 22	9 24.91	+21 30.2	3.051	3.821	10.6	22.9

353708 2011 UZ_{407} 2 14.4 212.°53 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.65	+10 5.6	1.806	2.628	14.2	21.8
1 22	10 9.22	+10 45.2	1.720	2.623	10.6	21.5
2 1	10 1.41	+11 38.7	1.658	2.616	6.3	21.3
2 11	9 51.95	+12 40.9	1.624	2.609	1.7	20.9
2 21	9 41.89	+13 45.1	1.619	2.601	3.2	21.0
3 2	9 32.41	+14 44.3	1.643	2.593	7.8	21.3
3 12	9 24.64	+15 33.1	1.693	2.584	12.1	21.5
3 22	9 19.31	+16 8.2	1.766	2.574	15.7	21.7

209461 2004 GZ_{33} 2 14.4 303.°04 5.°4/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.79	+27 45.6	2.162	3.005	11.4	20.3
1 22	10 7.68	+28 42.0	2.082	2.991	8.7	20.1
2 1	10 0.40	+29 36.3	2.028	2.976	6.3	19.9
2 11	9 51.68	+30 21.0	2.002	2.962	5.4	19.8
2 21	9 42.46	+30 50.4	2.004	2.948	7.0	19.9
3 2	9 33.84	+31 0.5	2.033	2.934	9.7	20.0
3 12	9 26.79	+30 50.6	2.087	2.920	12.6	20.2
3 22	9 21.99	+30 22.6	2.161	2.907	15.2	20.3

39328 2001 XO_{115} 2 14.4 350.°74 4.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.55	+19 37.5	1.309	2.168	16.3	19.0
1 22	10 9.84	+20 31.1	1.243	2.165	12.0	18.8
2 1	10 2.04	+21 31.1	1.200	2.163	7.4	18.5
2 11	9 52.14	+22 27.8	1.181	2.161	4.1	18.3
2 21	9 41.60	+23 11.5	1.189	2.160	6.6	18.4
3 2	9 32.09	+23 35.5	1.221	2.159	11.3	18.7
3 12	9 25.03	+23 37.3	1.276	2.159	15.8	19.0
3 22	9 21.20	+23 18.4	1.349	2.159	19.6	19.2

79844 1998 WF_{43} 2 14.4 87.°09 8.°7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.12	+34 34.3	1.744	2.583	13.9	18.6
1 22	10 13.30	+36 1.2	1.708	2.602	11.2	18.4
2 1	10 3.71	+37 16.6	1.695	2.622	9.1	18.4
2 11	9 52.49	+38 10.3	1.709	2.641	8.8	18.4
2 21	9 41.06	+38 35.6	1.749	2.660	10.3	18.5
3 2	9 30.88	+38 31.0	1.814	2.678	12.6	18.7
3 12	9 23.12	+37 59.4	1.901	2.697	15.1	18.9
3 22	9 18.34	+37 6.4	2.007	2.715	17.3	19.1

447172 2005 NQ_{76} 2 14.4 189.°88 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.09	+ 9 44.6	1.861	2.678	14.1	22.9
1 22	10 10.19	+10 31.8	1.777	2.677	10.5	22.7
2 1	10 1.94	+11 33.0	1.719	2.676	6.3	22.4
2 11	9 52.09	+12 42.8	1.688	2.673	1.6	22.1
2 21	9 41.67	+13 54.1	1.688	2.670	3.1	22.2
3 2	9 31.87	+14 59.9	1.717	2.665	7.7	22.5
3 12	9 23.77	+15 54.5	1.772	2.660	11.8	22.7
3 22	9 18.09	+16 35.1	1.851	2.653	15.3	22.9

290186 2005 SF_7 2 14.4 47.°19 2.°4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.23	+ 4 46.4	1.547	2.368	16.3	20.8
1 22	10 6.71	+ 5 5.7	1.487	2.383	12.4	20.6
2 1	9 59.85	+ 5 44.1	1.448	2.399	7.9	20.4
2 11	9 51.52	+ 6 37.4	1.435	2.415	3.5	20.1
2 21	9 42.86	+ 7 39.1	1.449	2.432	3.4	20.2
3 2	9 35.05	+ 8 41.7	1.491	2.449	7.6	20.5
3 12	9 29.13	+ 9 38.5	1.558	2.466	11.8	20.7
3 22	9 25.70	+10 24.6	1.646	2.484	15.3	21.0

341681 2007 VD_{104} 2 14.4 146.°47 0.°1/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.66	+10 53.2	2.942	3.751	9.7	22.2
1 22	10 5.37	+11 19.9	2.866	3.762	7.1	22.1
2 1	9 58.70	+11 53.6	2.816	3.772	4.2	21.9
2 11	9 51.20	+12 31.2	2.797	3.782	1.1	21.7
2 21	9 43.47	+13 9.3	2.809	3.791	2.0	21.8
3 2	9 36.17	+13 44.6	2.852	3.800	5.1	22.0
3 12	9 29.90	+14 14.3	2.924	3.808	7.8	22.2
3 22	9 25.09	+14 36.6	3.022	3.816	10.2	22.4

415851 2001 SH_{97} 2 14.4 191.°22 0.°1/14.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.16	+11 23.6	2.054	2.874	12.8	22.1
1 22	10 8.53	+11 44.4	1.972	2.873	9.5	21.9
2 1	10 0.84	+12 14.9	1.914	2.872	5.7	21.7
2 11	9 51.79	+12 51.0	1.885	2.870	1.5	21.4
2 21	9 42.30	+13 27.8	1.886	2.868	2.8	21.5
3 2	9 33.39	+14 0.7	1.916	2.866	7.0	21.7
3 12	9 26.01	+14 25.8	1.973	2.863	10.7	21.9
3 22	9 20.79	+14 41.1	2.054	2.860	13.9	22.1

500402 2012 TV_{97} 2 14.4 212.°37 0.°8/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.97	+14 16.8	2.472	3.296	10.8	22.1
1 22	10 5.91	+14 45.7	2.388	3.293	7.9	21.9
2 1	9 59.18	+15 21.1	2.330	3.290	4.6	21.7
2 11	9 51.35	+15 58.8	2.301	3.286	1.3	21.5
2 21	9 43.16	+16 34.6	2.303	3.283	2.8	21.6
3 2	9 35.45	+17 4.7	2.335	3.279	6.3	21.8
3 12	9 28.95	+17 26.1	2.394	3.274	9.4	22.0
3 22	9 24.21	+17 37.6	2.477	3.270	12.2	22.2

497110 2004 DG_{63} 2 14.4 92.°56 2.°2/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.40	+19 9.6	2.235	3.070	11.4	21.2
1 22	10 7.81	+19 34.4	2.162	3.072	8.3	21.0
2 1	10 0.32	+20 1.8	2.114	3.074	5.0	20.8
2 11	9 51.64	+20 27.1	2.095	3.076	2.3	20.6
2 21	9 42.64	+20 45.8	2.105	3.078	4.0	20.7
3 2	9 34.27	+20 54.6	2.145	3.080	7.3	20.9
3 12	9 27.37	+20 51.9	2.211	3.082	10.5	21.1
3 22	9 22.49	+20 37.9	2.300	3.085	13.3	21.3

232583 2003 SA_{414} 2 14.4 96.°67 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.12	+10 22.5	2.083	2.905	12.6	21.3
1 22	10 6.20	+10 56.1	2.011	2.914	9.3	21.1
2 1	9 59.40	+11 40.3	1.965	2.922	5.5	20.8
2 11	9 51.41	+12 30.8	1.946	2.931	1.5	20.6
2 21	9 43.09	+13 22.2	1.957	2.940	2.7	20.7
3 2	9 35.38	+14 9.4	1.997	2.948	6.6	21.0
3 12	9 29.12	+14 48.2	2.064	2.956	10.2	21.2
3 22	9 24.85	+15 16.2	2.155	2.964	13.2	21.4

68702 2002 CU_{215} 2 14.4 200.°01 0.°7/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.54	+12 13.0	1.937	2.762	13.3	20.6
1 22	10 8.99	+12 58.5	1.854	2.759	9.8	20.4
2 1	10 1.20	+13 55.2	1.796	2.755	5.8	20.1
2 11	9 51.91	+14 57.5	1.765	2.751	1.5	19.8
2 21	9 42.08	+15 58.8	1.765	2.745	3.3	20.0
3 2	9 32.83	+16 52.9	1.794	2.740	7.7	20.2
3 12	9 25.20	+17 35.2	1.849	2.733	11.6	20.4
3 22	9 19.87	+18 3.5	1.927	2.726	14.9	20.6

123068 2000 SJ_{305} 2 14.4 70.°00 2.°6/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.82	+19 10.0	1.767	2.606	13.7	20.0
1 22	10 10.56	+19 35.0	1.711	2.623	10.0	19.8
2 1	10 2.00	+20 2.8	1.679	2.640	5.9	19.6
2 11	9 52.06	+20 27.5	1.676	2.657	2.7	19.4
2 21	9 41.91	+20 43.5	1.700	2.674	4.6	19.6
3 2	9 32.73	+20 47.6	1.753	2.691	8.4	19.9
3 12	9 25.51	+20 38.4	1.832	2.708	12.1	20.1
3 22	9 20.81	+20 16.9	1.932	2.725	15.1	20.3

416324 2003 SF_{165} 2 14.4 186.°36 1.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.55	+ 5 34.3	2.237	3.035	12.7	22.6
1 22	10 7.96	+ 6 10.0	2.149	3.035	9.6	22.4
2 1	10 0.46	+ 7 0.0	2.086	3.034	6.1	22.2
2 11	9 51.70	+ 8 1.0	2.052	3.033	2.4	21.9
2 21	9 42.50	+ 9 7.8	2.048	3.030	2.6	21.9
3 2	9 33.78	+10 14.7	2.075	3.027	6.3	22.2
3 12	9 26.40	+11 16.3	2.130	3.023	9.9	22.4
3 22	9 20.98	+12 8.6	2.210	3.018	13.0	22.6

25928 2001 DJ_{52} 2 14.4 115.°66 1.°4/13.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.12	+14 47.5	1.750	2.582	14.2	18.2
1 22	10 10.84	+15 24.6	1.689	2.598	10.3	18.0
2 1	10 2.21	+16 9.5	1.653	2.614	6.0	17.7
2 11	9 52.14	+16 56.1	1.644	2.629	1.8	17.5
2 21	9 41.75	+17 37.8	1.665	2.643	3.8	17.7
3 2	9 32.27	+18 9.5	1.714	2.657	8.1	18.0
3 12	9 24.72	+18 28.2	1.789	2.671	12.0	18.2
3 22	9 19.71	+18 33.4	1.886	2.684	15.2	18.5

375745 2009 SU_{33} 2 14.4 279.°87 5.°6/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.59	+26 54.6	1.866	2.706	13.1	20.9
1 22	10 12.35	+27 39.3	1.776	2.684	10.0	20.6
2 1	10 3.39	+28 21.9	1.711	2.662	7.0	20.4
2 11	9 52.51	+28 54.2	1.674	2.639	5.6	20.3
2 21	9 40.90	+29 9.1	1.664	2.616	7.4	20.3
3 2	9 29.96	+29 2.4	1.682	2.593	10.7	20.5
3 12	9 20.97	+28 33.9	1.724	2.570	14.3	20.6
3 22	9 14.76	+27 46.4	1.787	2.546	17.4	20.8

324407 2006 SB_{197} 2 14.4 89.°30 9.°2/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.46	+35 49.8	1.719	2.557	14.1	20.8
1 22	10 13.71	+37 10.9	1.675	2.567	11.5	20.7
2 1	10 4.05	+38 19.8	1.655	2.578	9.6	20.6
2 11	9 52.61	+39 6.0	1.661	2.589	9.3	20.6
2 21	9 40.89	+39 22.8	1.692	2.599	10.8	20.7
3 2	9 30.42	+39 8.4	1.748	2.610	13.2	20.9
3 12	9 22.44	+38 26.3	1.826	2.620	15.7	21.1
3 22	9 17.56	+37 22.3	1.922	2.631	17.9	21.3

12978 Ivashov 2 14.4 195.°98 2.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.54	+ 5 12.8	1.869	2.672	14.6	18.7
1 22	10 9.78	+ 5 32.5	1.782	2.670	11.2	18.5
2 1	10 1.70	+ 6 8.8	1.718	2.666	7.2	18.2
2 11	9 52.06	+ 6 58.4	1.682	2.662	3.1	18.0
2 21	9 41.84	+ 7 56.0	1.676	2.657	3.2	18.0
3 2	9 32.20	+ 8 55.4	1.698	2.652	7.3	18.2
3 12	9 24.21	+ 9 50.3	1.748	2.645	11.4	18.4
3 22	9 18.58	+10 36.4	1.820	2.638	14.9	18.6

130996 2000 WE_{167} 2 14.4 136.°45 1.°2/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.25	+ 7 1.2	1.781	2.596	14.7	20.0
1 22	10 8.78	+ 7 33.7	1.709	2.605	11.1	19.8
2 1	10 1.05	+ 8 21.8	1.661	2.615	6.8	19.6
2 11	9 51.87	+ 9 21.0	1.641	2.623	2.4	19.3
2 21	9 42.27	+10 25.0	1.649	2.632	2.9	19.4
3 2	9 33.41	+11 26.9	1.686	2.640	7.3	19.7
3 12	9 26.28	+12 21.0	1.749	2.647	11.4	19.9
3 22	9 21.53	+13 3.4	1.836	2.654	14.8	20.2

413069 2001 SR_{122} 2 14.4 76.°77 1.°1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.22	+14 48.0	1.709	2.546	14.2	20.7
1 22	10 9.55	+15 10.3	1.644	2.555	10.4	20.5
2 1	10 1.51	+15 40.3	1.603	2.564	6.1	20.2
2 11	9 51.98	+16 12.5	1.588	2.573	1.7	20.0
2 21	9 42.09	+16 41.2	1.602	2.582	3.7	20.1
3 2	9 33.06	+17 1.5	1.644	2.591	8.1	20.4
3 12	9 25.94	+17 10.5	1.712	2.601	12.1	20.7
3 22	9 21.34	+17 7.6	1.801	2.610	15.4	20.9

376682 2013 QH_{43} 2 14.4 21.°18 1.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.15	+ 4 40.6	1.727	2.544	15.0	20.9
1 22	10 5.15	+ 5 22.0	1.651	2.546	11.4	20.7
2 1	9 58.97	+ 6 22.9	1.597	2.549	7.3	20.5
2 11	9 51.36	+ 7 38.7	1.570	2.551	3.0	20.2
2 21	9 43.27	+ 9 2.6	1.571	2.555	3.0	20.2
3 2	9 35.82	+10 26.4	1.601	2.558	7.3	20.5
3 12	9 30.00	+11 42.6	1.656	2.561	11.4	20.7
3 22	9 26.46	+12 46.1	1.734	2.565	15.0	21.0

2248 Kanda 2 14.4 331.°05 0.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.11	+13 43.6	1.984	2.820	12.6	15.8
1 22	10 5.69	+14 12.2	1.902	2.812	9.3	15.6
2 1	9 59.23	+14 49.4	1.843	2.805	5.4	15.3
2 11	9 51.42	+15 30.6	1.813	2.798	1.4	15.0
2 21	9 43.15	+16 10.4	1.811	2.791	3.2	15.1
3 2	9 35.43	+16 43.7	1.837	2.785	7.3	15.4
3 12	9 29.19	+17 7.0	1.890	2.779	11.1	15.6
3 22	9 25.07	+17 18.3	1.964	2.774	14.3	15.8

41108 1999 VT_{73} 2 14.4 228.°59 3.°0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.26	+ 1 14.0	2.285	3.070	12.8	20.0
1 22	10 5.57	+ 1 31.4	2.189	3.062	10.1	19.8
2 1	9 59.09	+ 2 5.4	2.117	3.054	6.9	19.6
2 11	9 51.38	+ 2 54.1	2.073	3.045	3.9	19.4
2 21	9 43.22	+ 3 53.7	2.058	3.036	3.4	19.3
3 2	9 35.45	+ 4 59.0	2.072	3.026	6.2	19.5
3 12	9 28.91	+ 6 4.3	2.115	3.016	9.5	19.7
3 22	9 24.19	+ 7 4.6	2.182	3.006	12.6	19.8

20234 Billgibson 2 14.4 344.°11 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.01	+10 55.2	1.197	2.047	18.2	17.7
1 22	10 9.62	+11 16.0	1.127	2.043	13.6	17.4
2 1	10 2.03	+11 53.6	1.078	2.040	8.2	17.1
2 11	9 52.21	+12 42.0	1.052	2.038	2.1	16.7
2 21	9 41.64	+13 32.7	1.052	2.035	4.1	16.8
3 2	9 32.05	+14 17.1	1.077	2.034	10.0	17.1
3 12	9 24.95	+14 48.7	1.124	2.033	15.3	17.4
3 22	9 21.19	+15 4.6	1.190	2.032	19.8	17.7

33711 1999 LH_{15} 2 14.4 27.°44 2.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.67	+13 58.0	1.675	2.520	14.1	18.7
1 22	10 5.68	+15 34.3	1.606	2.523	10.2	18.5
2 1	9 59.36	+17 23.7	1.562	2.526	5.9	18.2
2 11	9 51.49	+19 17.2	1.546	2.529	2.4	18.0
2 21	9 43.10	+21 4.2	1.558	2.532	4.9	18.2
3 2	9 35.39	+22 35.7	1.599	2.536	9.2	18.5
3 12	9 29.42	+23 46.1	1.664	2.540	13.1	18.7
3 22	9 25.89	+24 33.6	1.750	2.544	16.4	18.9

335915 2007 RU_{323} 2 14.4 86.°82 1.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.28	+15 55.3	2.235	3.067	11.5	20.9
1 22	10 6.21	+16 39.0	2.170	3.080	8.3	20.7
2 1	9 59.37	+17 28.3	2.132	3.093	4.8	20.5
2 11	9 51.44	+18 18.2	2.123	3.106	1.8	20.3
2 21	9 43.25	+19 3.3	2.143	3.119	3.5	20.5
3 2	9 35.67	+19 39.5	2.192	3.132	6.9	20.7
3 12	9 29.50	+20 4.0	2.269	3.145	10.1	20.9
3 22	9 25.23	+20 15.9	2.368	3.157	12.8	21.1

149947 2005 SG_{257} 2 14.4 184.°66 0.°9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.01	+13 21.0	2.182	3.006	12.0	21.2
1 22	10 7.63	+14 5.2	2.101	3.007	8.8	21.0
2 1	10 0.31	+14 58.1	2.047	3.007	5.1	20.8
2 11	9 51.71	+15 54.6	2.021	3.006	1.4	20.5
2 21	9 42.69	+16 49.1	2.025	3.005	3.2	20.6
3 2	9 34.22	+17 36.4	2.059	3.003	7.0	20.9
3 12	9 27.16	+18 12.7	2.120	3.001	10.5	21.1
3 22	9 22.13	+18 36.3	2.205	2.998	13.5	21.3

287538 2003 ED_8 2 14.4 328.°88 3.°8/17.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 8.18	+ 1 43.6	1.507	2.323	16.9	20.0
1 22	10 4.85	+ 1 55.0	1.419	2.310	13.3	19.8
2 1	9 59.03	+ 2 30.0	1.352	2.297	9.1	19.5
2 11	9 51.44	+ 3 26.8	1.310	2.285	5.0	19.2
2 21	9 43.14	+ 4 40.0	1.293	2.273	4.3	19.1
3 2	9 35.40	+ 6 1.3	1.303	2.263	8.2	19.3
3 12	9 29.44	+ 7 21.5	1.337	2.253	12.8	19.5
3 22	9 26.09	+ 8 32.7	1.392	2.243	16.9	19.8

375049 2007 LS_{11} 2 14.4 10.°68 1.°5/15.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.43	+ 6 52.2	1.827	2.646	14.2	21.1
1 22	10 6.01	+ 7 15.5	1.749	2.647	10.7	20.9
2 1	9 59.46	+ 7 54.0	1.694	2.647	6.7	20.7
2 11	9 51.51	+ 8 44.1	1.666	2.648	2.6	20.4
2 21	9 43.10	+ 9 40.1	1.666	2.650	2.9	20.4
3 2	9 35.32	+10 35.9	1.695	2.651	7.1	20.7
3 12	9 29.11	+11 25.7	1.750	2.652	11.1	20.9
3 22	9 25.12	+12 5.5	1.827	2.654	14.5	21.1

369828 2012 HM_{81} 2 14.4 3.°87 2.°5/16.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 11.10	+ 4 19.4	1.859	2.667	14.5	21.5
1 22	10 6.47	+ 4 32.9	1.778	2.667	11.1	21.3
2 1	9 59.73	+ 5 3.2	1.720	2.667	7.3	21.0
2 11	9 51.58	+ 5 47.5	1.689	2.667	3.5	20.8
2 21	9 42.96	+ 6 40.9	1.685	2.667	3.3	20.8
3 2	9 34.93	+ 7 37.6	1.711	2.667	7.0	21.0
3 12	9 28.46	+ 8 31.2	1.763	2.667	10.9	21.2
3 22	9 24.20	+ 9 17.2	1.837	2.667	14.3	21.5

111650 2002 AZ_{182} 2 14.4 259.°34 0.°6/13.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 9.72	+13 15.7	2.610	3.432	10.3	19.8
1 22	10 5.01	+13 46.4	2.515	3.419	7.6	19.6
2 1	9 58.69	+14 24.4	2.447	3.406	4.5	19.4
2 11	9 51.30	+15 5.8	2.408	3.393	1.1	19.1
2 21	9 43.51	+15 46.6	2.399	3.380	2.6	19.2
3 2	9 36.08	+16 22.8	2.421	3.366	6.0	19.4
3 12	9 29.75	+16 51.1	2.470	3.353	9.1	19.6
3 22	9 25.06	+17 10.0	2.544	3.339	11.8	19.8

289092 2004 TP_{274} 2 14.4 94.°39 0.°8/13.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 17.32	+12 46.9	1.578	2.410	15.4	21.6
1 22	10 11.14	+13 23.1	1.523	2.431	11.3	21.4
2 1	10 2.46	+14 10.0	1.491	2.452	6.6	21.2
2 11	9 52.26	+15 0.9	1.487	2.472	1.7	20.9
2 21	9 41.80	+15 48.8	1.511	2.492	3.7	21.1
3 2	9 32.36	+16 27.5	1.563	2.511	8.3	21.4
3 12	9 25.02	+16 53.5	1.640	2.530	12.5	21.7
3 22	9 20.39	+17 5.5	1.739	2.548	15.9	22.0

233868 2008 WH_{15} 2 14.4 346.°29 4.°1/17.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 8.39	+ 0 54.9	1.714	2.518	15.7	19.5
1 22	10 4.68	+ 0 53.8	1.629	2.511	12.4	19.3
2 1	9 58.77	+ 1 13.1	1.567	2.506	8.7	19.1
2 11	9 51.36	+ 1 51.6	1.530	2.501	5.1	18.8
2 21	9 43.41	+ 2 45.0	1.519	2.496	4.4	18.8
3 2	9 36.03	+ 3 47.2	1.535	2.493	7.5	19.0
3 12	9 30.24	+ 4 50.7	1.577	2.490	11.4	19.2
3 22	9 26.74	+ 5 49.1	1.642	2.487	15.0	19.4

498161 2007 TA_{135} 2 14.4 131.°63 2.°0/16.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.36	+ 4 20.9	2.513	3.306	11.6	22.0
1 22	10 5.38	+ 4 38.3	2.435	3.316	8.9	21.8
2 1	9 58.85	+ 5 8.1	2.382	3.326	5.8	21.7
2 11	9 51.33	+ 5 48.0	2.358	3.335	2.8	21.5
2 21	9 43.54	+ 6 34.1	2.363	3.344	2.6	21.5
3 2	9 36.23	+ 7 22.3	2.399	3.353	5.5	21.7
3 12	9 30.08	+ 8 8.3	2.464	3.361	8.5	21.9
3 22	9 25.59	+ 8 48.8	2.553	3.369	11.2	22.1

153724 2001 UM_{118} 2 14.4 18.°80 8.°1/21.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 9.56	− 9 35.0	1.729	2.478	17.7	19.8
1 22	10 5.52	− 9 58.3	1.649	2.480	15.0	19.6
2 1	9 59.26	− 9 53.6	1.588	2.482	12.0	19.4
2 11	9 51.49	− 9 19.4	1.550	2.484	9.3	19.2
2 21	9 43.20	− 8 18.1	1.537	2.487	8.1	19.2
3 2	9 35.51	− 6 55.5	1.551	2.490	9.2	19.2
3 12	9 29.46	− 5 20.7	1.589	2.493	11.9	19.4
3 22	9 25.73	− 3 43.5	1.650	2.497	14.9	19.6

83167 2001 QO_{278} 2 14.4 63.°21 2.°9/11.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 10.94	+19 33.3	2.149	2.990	11.5	19.2
1 22	10 6.15	+20 29.6	2.081	2.995	8.4	19.1
2 1	9 59.44	+21 29.7	2.039	2.999	5.1	18.9
2 11	9 51.52	+22 27.3	2.025	3.004	2.9	18.7
2 21	9 43.24	+23 16.5	2.040	3.008	4.7	18.8
3 2	9 35.58	+23 52.7	2.084	3.013	7.9	19.0
3 12	9 29.37	+24 13.5	2.154	3.018	11.1	19.3
3 22	9 25.19	+24 19.0	2.246	3.022	13.8	19.4

269654 1994 SS_2 2 14.4 56.°02 1.°3/15.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 11.38	+ 7 35.3	1.898	2.716	13.8	21.1
1 22	10 6.60	+ 7 52.4	1.824	2.721	10.4	20.8
2 1	9 59.77	+ 8 23.1	1.773	2.727	6.5	20.6
2 11	9 51.61	+ 9 3.8	1.749	2.732	2.4	20.4
2 21	9 43.06	+ 9 49.4	1.754	2.737	2.8	20.4
3 2	9 35.15	+10 34.5	1.788	2.743	6.9	20.7
3 12	9 28.81	+11 14.0	1.847	2.748	10.7	20.9
3 22	9 24.62	+11 44.8	1.930	2.754	14.0	21.1

186247 2001 XY_{191} 2 14.4 128.°53 3.°2/11.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 12.99	+19 18.3	2.212	3.047	11.5	20.3
1 22	10 7.58	+20 43.3	2.150	3.061	8.3	20.2
2 1	10 0.27	+22 12.5	2.116	3.075	5.1	20.0
2 11	9 51.73	+23 38.5	2.111	3.088	3.2	19.9
2 21	9 42.87	+24 54.4	2.137	3.100	5.0	20.0
3 2	9 34.62	+25 54.7	2.192	3.112	8.1	20.2
3 12	9 27.84	+26 37.0	2.274	3.124	11.1	20.4
3 22	9 23.10	+27 1.2	2.378	3.135	13.6	20.6

282585 2005 ED_{146} 2 14.4 223.°25 2.°1/16.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 8.95	+ 3 30.7	2.370	3.166	12.1	21.2
1 22	10 4.55	+ 4 0.6	2.280	3.161	9.3	21.0
2 1	9 58.47	+ 4 45.4	2.213	3.157	6.1	20.8
2 11	9 51.28	+ 5 42.4	2.175	3.153	3.0	20.6
2 21	9 43.70	+ 6 47.3	2.167	3.148	2.7	20.6
3 2	9 36.52	+ 7 54.8	2.189	3.143	5.8	20.7
3 12	9 30.51	+ 8 59.5	2.238	3.138	9.1	20.9
3 22	9 26.23	+ 9 57.1	2.313	3.133	12.1	21.1

79508 1998 HB_{52} 2 14.4 234.°25 6.°9/22.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 8.16	−14 52.0	2.943	3.618	12.6	19.9
1 22	10 3.77	−15 7.7	2.838	3.608	11.0	19.7
2 1	9 57.94	−15 3.6	2.753	3.597	9.3	19.6
2 11	9 51.14	−14 38.6	2.693	3.586	7.7	19.5
2 21	9 43.96	−13 53.4	2.659	3.575	6.9	19.4
3 2	9 37.06	−12 50.7	2.654	3.563	7.3	19.4
3 12	9 31.10	−11 35.4	2.676	3.551	8.7	19.5
3 22	9 26.56	−10 13.0	2.723	3.539	10.6	19.6

452341 2001 SE_{133} 2 14.4 155.°49 1.°5/13.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 19.13	+15 39.5	1.711	2.542	14.5	21.8
1 22	10 12.52	+16 5.7	1.640	2.549	10.6	21.6
2 1	10 3.36	+16 39.0	1.594	2.555	6.2	21.3
2 11	9 52.56	+17 13.3	1.576	2.560	1.9	21.1
2 21	9 41.31	+17 42.5	1.586	2.565	4.0	21.2
3 2	9 30.95	+18 1.7	1.626	2.569	8.5	21.5
3 12	9 22.61	+18 8.4	1.691	2.573	12.6	21.7
3 22	9 16.97	+18 2.2	1.777	2.576	16.0	22.0

147925 2006 VU_{42} 2 14.4 251.°55 1.°3/13.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 14.30	+14 54.8	1.765	2.601	13.9	20.3
1 22	10 8.99	+15 24.2	1.687	2.598	10.2	20.1
2 1	10 1.31	+16 2.0	1.634	2.596	6.0	19.8
2 11	9 52.04	+16 42.3	1.608	2.593	1.8	19.5
2 21	9 42.27	+17 19.2	1.611	2.590	3.8	19.7
3 2	9 33.20	+17 47.3	1.641	2.587	8.2	19.9
3 12	9 25.92	+18 3.1	1.697	2.584	12.3	20.1
3 22	9 21.12	+18 5.6	1.775	2.581	15.7	20.4

240301 2003 FK_{67} 2 14.4 303.°62 0.°1/14.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 11.13	+ 9 49.9	1.332	2.177	17.0	20.5
1 22	10 7.49	+10 33.4	1.244	2.158	12.8	20.2
2 1	10 0.86	+11 37.1	1.178	2.140	7.7	19.9
2 11	9 52.02	+12 55.0	1.136	2.121	2.0	19.4
2 21	9 42.20	+14 17.9	1.120	2.103	4.0	19.5
3 2	9 32.99	+15 35.2	1.130	2.085	9.8	19.8
3 12	9 25.88	+16 38.1	1.163	2.068	15.2	20.0
3 22	9 21.87	+17 21.9	1.215	2.051	19.8	20.3

222281 2000 SF_{55} 2 14.4 180.°63 3.°9/11.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 17.45	+23 54.3	2.131	2.966	11.9	20.7
1 22	10 10.96	+24 30.5	2.059	2.967	8.8	20.5
2 1	10 2.31	+25 6.0	2.013	2.967	5.7	20.3
2 11	9 52.28	+25 34.5	1.995	2.967	3.9	20.2
2 21	9 41.89	+25 50.7	2.006	2.967	5.5	20.3
3 2	9 32.23	+25 51.6	2.047	2.966	8.6	20.5
3 12	9 24.27	+25 36.7	2.114	2.965	11.7	20.7
3 22	9 18.62	+25 7.5	2.202	2.964	14.4	20.9

61128 2000 MB_6 2 14.4 282.°97 1.°3/15.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 12	10 13.08	+ 8 16.0	1.793	2.613	14.4	19.1
1 22	10 8.23	+ 8 25.0	1.695	2.594	10.9	18.8
2 1	10 0.99	+ 8 48.0	1.620	2.574	6.9	18.5
2 11	9 52.01	+ 9 21.7	1.571	2.554	2.5	18.2
2 21	9 42.30	+10 1.5	1.551	2.534	3.1	18.2
3 2	9 33.04	+10 41.8	1.559	2.514	7.7	18.4
3 12	9 25.39	+11 17.1	1.593	2.494	12.1	18.6
3 22	9 20.16	+11 43.5	1.649	2.474	15.9	18.8

498879 2008 YL_{107} 2 14.4 332.°64 2.°9/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.74	+ 4 39.6	2.156	2.954	13.1	21.1
1 22	10 7.44	+ 4 17.1	2.069	2.951	10.1	20.9
2 1	10 0.23	+ 4 6.7	2.007	2.949	6.8	20.7
2 11	9 51.76	+ 4 7.4	1.972	2.947	3.7	20.5
2 21	9 42.87	+ 4 16.7	1.966	2.944	3.4	20.4
3 2	9 34.50	+ 4 31.6	1.989	2.942	6.4	20.6
3 12	9 27.51	+ 4 48.0	2.040	2.940	9.8	20.8
3 22	9 22.50	+ 5 2.6	2.114	2.939	12.9	21.0

471759 2012 UF_{111} 2 14.4 147.°19 3.°5/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.84	− 1 13.7	2.695	3.462	11.6	21.8
1 22	10 4.23	− 1 5.6	2.610	3.467	9.2	21.6
2 1	9 58.18	− 0 42.7	2.548	3.472	6.6	21.4
2 11	9 51.21	− 0 6.3	2.515	3.477	4.2	21.3
2 21	9 43.95	+ 0 40.8	2.511	3.482	3.6	21.3
3 2	9 37.08	+ 1 34.6	2.537	3.487	5.4	21.4
3 12	9 31.27	+ 2 30.5	2.591	3.491	8.0	21.5
3 22	9 26.96	+ 3 24.2	2.671	3.495	10.5	21.7

446868 2001 XP_{92} 2 14.4 87.°40 4.°9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.72	+21 44.1	1.463	2.312	15.5	21.2
1 22	10 12.43	+22 59.2	1.418	2.334	11.3	21.0
2 1	10 3.33	+24 16.1	1.397	2.356	7.2	20.8
2 11	9 52.55	+25 24.3	1.403	2.377	4.9	20.7
2 21	9 41.51	+26 14.8	1.436	2.398	7.0	20.9
3 2	9 31.70	+26 42.7	1.495	2.419	10.8	21.2
3 12	9 24.31	+26 47.5	1.578	2.440	14.5	21.4
3 22	9 19.92	+26 32.0	1.681	2.459	17.6	21.7

275362 2011 AH_{34} 2 14.4 308.°21 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.09	+10 52.5	1.804	2.635	13.8	20.3
1 22	10 6.62	+11 28.3	1.723	2.630	10.3	20.0
2 1	9 59.91	+12 16.7	1.665	2.625	6.1	19.8
2 11	9 51.71	+13 12.8	1.635	2.620	1.6	19.5
2 21	9 42.98	+14 10.3	1.633	2.615	3.1	19.6
3 2	9 34.84	+15 2.6	1.659	2.610	7.6	19.8
3 12	9 28.33	+15 44.7	1.710	2.605	11.7	20.1
3 22	9 24.13	+16 13.7	1.784	2.601	15.2	20.3

347393 2012 RR_{41} 2 14.4 131.°63 0.°4/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.44	+12 51.0	2.646	3.463	10.4	22.2
1 22	10 6.12	+13 16.2	2.573	3.474	7.6	22.0
2 1	9 59.27	+13 47.7	2.526	3.484	4.4	21.8
2 11	9 51.49	+14 22.1	2.509	3.494	1.1	21.6
2 21	9 43.46	+14 55.6	2.523	3.504	2.4	21.7
3 2	9 35.93	+15 24.7	2.567	3.513	5.6	21.9
3 12	9 29.57	+15 46.8	2.639	3.522	8.6	22.1
3 22	9 24.84	+16 0.4	2.736	3.531	11.1	22.3

455133 2015 VH_{98} 2 14.4 24.°50 7.°3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.76	+25 49.1	1.226	2.092	16.8	20.4
1 22	10 10.97	+27 12.7	1.174	2.096	12.7	20.2
2 1	10 2.82	+28 35.1	1.145	2.100	8.9	20.0
2 11	9 52.48	+29 43.3	1.139	2.106	7.4	19.9
2 21	9 41.60	+30 26.3	1.158	2.111	9.6	20.1
3 2	9 32.01	+30 38.6	1.201	2.118	13.5	20.3
3 12	9 25.17	+30 21.1	1.264	2.124	17.4	20.6
3 22	9 21.82	+29 38.6	1.344	2.132	20.8	20.8

406088 2006 UP_{188} 2 14.4 75.°62 6.°6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.06	− 3 37.6	1.689	2.462	17.2	20.5
1 22	10 9.47	− 4 21.3	1.620	2.475	14.0	20.3
2 1	10 1.55	− 4 42.9	1.573	2.489	10.5	20.1
2 11	9 52.11	− 4 41.4	1.550	2.502	7.6	20.0
2 21	9 42.26	− 4 18.9	1.554	2.516	6.7	20.0
3 2	9 33.20	− 3 40.3	1.585	2.529	8.6	20.1
3 12	9 25.96	− 2 52.6	1.641	2.543	11.7	20.3
3 22	9 21.21	− 2 2.8	1.720	2.556	14.9	20.5

70124 1999 NY 2 14.4 156.°39 1.°0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.49	+13 30.1	1.965	2.791	13.1	20.8
1 22	10 9.59	+14 13.7	1.893	2.798	9.6	20.6
2 1	10 1.55	+15 6.3	1.845	2.805	5.6	20.3
2 11	9 52.11	+16 2.2	1.827	2.812	1.5	20.1
2 21	9 42.27	+16 55.2	1.838	2.817	3.4	20.2
3 2	9 33.11	+17 39.9	1.878	2.822	7.5	20.5
3 12	9 25.61	+18 12.4	1.945	2.826	11.2	20.7
3 22	9 20.38	+18 31.4	2.035	2.830	14.4	20.9

108534 2001 LK_5 2 14.4 266.°76 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.46	+12 55.9	1.765	2.590	14.4	19.0
1 22	10 12.08	+12 40.8	1.680	2.583	10.8	18.8
2 1	10 3.17	+12 32.9	1.619	2.576	6.5	18.5
2 11	9 52.56	+12 28.9	1.585	2.570	1.8	18.2
2 21	9 41.38	+12 25.3	1.580	2.563	3.1	18.3
3 2	9 30.92	+12 18.7	1.605	2.556	7.9	18.5
3 12	9 22.34	+12 6.6	1.655	2.549	12.1	18.8
3 22	9 16.37	+11 48.0	1.728	2.543	15.7	19.0

497674 2006 ST_1 2 14.4 148.°92 3.°7/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.87	+26 37.2	2.924	3.751	9.2	21.7
1 22	10 8.54	+27 11.7	2.858	3.760	6.9	21.6
2 1	10 0.66	+27 43.5	2.820	3.768	4.7	21.4
2 11	9 51.85	+28 7.9	2.812	3.776	3.7	21.4
2 21	9 42.83	+28 21.6	2.834	3.783	4.9	21.5
3 2	9 34.37	+28 22.4	2.886	3.790	7.1	21.6
3 12	9 27.18	+28 10.0	2.966	3.796	9.3	21.8
3 22	9 21.69	+27 45.7	3.068	3.803	11.3	21.9

267458 2002 EK_{55} 2 14.4 298.°70 2.°0/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.53	+ 4 26.4	1.860	2.671	14.3	20.3
1 22	10 5.41	+ 5 1.2	1.773	2.665	11.0	20.1
2 1	9 59.19	+ 5 54.4	1.710	2.659	7.1	19.8
2 11	9 51.54	+ 7 2.5	1.673	2.654	3.1	19.5
2 21	9 43.35	+ 8 19.5	1.665	2.648	3.0	19.5
3 2	9 35.68	+ 9 38.2	1.685	2.642	7.0	19.8
3 12	9 29.52	+10 51.4	1.732	2.637	11.1	20.0
3 22	9 25.52	+11 53.8	1.802	2.631	14.6	20.2

281387 2008 PR_{20} 2 14.4 197.°11 2.°5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.93	+20 2.9	2.438	3.267	10.8	20.8
1 22	10 8.92	+20 38.4	2.357	3.264	7.9	20.6
2 1	10 1.05	+21 16.2	2.302	3.260	4.8	20.4
2 11	9 51.98	+21 51.3	2.277	3.257	2.6	20.2
2 21	9 42.54	+22 19.0	2.283	3.252	4.1	20.3
3 2	9 33.64	+22 35.9	2.319	3.247	7.2	20.5
3 12	9 26.11	+22 40.3	2.381	3.242	10.3	20.7
3 22	9 20.52	+22 32.2	2.467	3.236	12.9	20.9

368718 2005 TH_{163} 2 14.4 134.°25 2.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.01	+ 4 1.2	1.883	2.688	14.4	21.3
1 22	10 7.13	+ 4 10.1	1.804	2.690	11.1	21.1
2 1	10 0.15	+ 4 35.6	1.747	2.692	7.3	20.9
2 11	9 51.77	+ 5 14.9	1.717	2.694	3.6	20.7
2 21	9 42.95	+ 6 3.7	1.715	2.696	3.3	20.7
3 2	9 34.72	+ 6 56.2	1.742	2.698	6.9	20.9
3 12	9 28.06	+ 7 46.5	1.795	2.699	10.7	21.1
3 22	9 23.59	+ 8 30.0	1.872	2.701	14.1	21.3

351584 2005 UQ_{438} 2 14.4 59.°62 4.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.49	+19 19.3	1.250	2.108	17.0	20.6
1 22	10 11.24	+20 23.1	1.198	2.120	12.4	20.4
2 1	10 2.85	+21 33.1	1.169	2.132	7.5	20.1
2 11	9 52.48	+22 38.4	1.165	2.144	4.2	20.0
2 21	9 41.69	+23 28.8	1.186	2.157	6.7	20.1
3 2	9 32.15	+23 57.9	1.233	2.170	11.3	20.4
3 12	9 25.22	+24 3.8	1.302	2.183	15.7	20.7
3 22	9 21.56	+23 48.6	1.389	2.196	19.3	21.0

13797 1998 VQ_{27} 2 14.4 168.°16 0.°3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.89	+12 19.0	2.332	3.153	11.5	18.7
1 22	10 6.70	+12 46.5	2.252	3.155	8.4	18.5
2 1	9 59.74	+13 22.1	2.198	3.157	5.0	18.3
2 11	9 51.65	+14 1.8	2.173	3.158	1.2	18.1
2 21	9 43.22	+14 41.0	2.178	3.160	2.6	18.2
3 2	9 35.30	+15 15.7	2.213	3.161	6.3	18.4
3 12	9 28.68	+15 42.4	2.276	3.162	9.6	18.6
3 22	9 23.92	+15 59.4	2.362	3.163	12.5	18.8

221353 2005 WL_{114} 2 14.4 102.°44 0.°3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.46	+12 16.6	1.987	2.811	13.0	21.0
1 22	10 8.71	+12 41.2	1.922	2.826	9.6	20.8
2 1	10 0.95	+13 14.5	1.882	2.841	5.6	20.6
2 11	9 51.96	+13 52.1	1.870	2.855	1.4	20.3
2 21	9 42.68	+14 28.8	1.888	2.869	2.9	20.5
3 2	9 34.14	+14 59.9	1.935	2.883	7.0	20.7
3 12	9 27.22	+15 22.3	2.008	2.897	10.6	21.0
3 22	9 22.48	+15 34.2	2.105	2.911	13.6	21.2

450433 2005 UP_{208} 2 14.4 307.°15 2.°5/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.61	+ 5 8.3	1.339	2.168	17.9	21.5
1 22	10 8.40	+ 5 24.3	1.260	2.162	13.8	21.3
2 1	10 1.30	+ 6 2.6	1.203	2.156	8.9	21.0
2 11	9 52.16	+ 6 59.6	1.169	2.150	3.9	20.7
2 21	9 42.25	+ 8 8.3	1.161	2.144	3.8	20.6
3 2	9 33.10	+ 9 19.6	1.180	2.139	9.0	20.9
3 12	9 26.09	+10 24.5	1.222	2.134	14.0	21.2
3 22	9 22.09	+11 16.8	1.284	2.129	18.4	21.4

283936 2004 PG_{34} 2 14.4 131.°13 0.°3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.73	+10 59.2	1.878	2.698	13.9	21.8
1 22	10 10.49	+11 42.6	1.813	2.715	10.2	21.6
2 1	10 2.07	+12 37.3	1.773	2.731	6.0	21.4
2 11	9 52.27	+13 37.6	1.761	2.746	1.5	21.1
2 21	9 42.15	+14 37.0	1.779	2.761	3.1	21.3
3 2	9 32.81	+15 29.4	1.827	2.775	7.4	21.6
3 12	9 25.23	+16 10.6	1.901	2.787	11.2	21.8
3 22	9 20.01	+16 38.6	1.999	2.800	14.4	22.1

497122 2004 GM_{48} 2 14.4 217.°01 2.°7/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.68	+ 0 41.8	2.987	3.758	10.5	22.0
1 22	10 4.08	+ 0 55.0	2.887	3.751	8.2	21.8
2 1	9 58.12	+ 1 21.0	2.812	3.742	5.7	21.7
2 11	9 51.25	+ 1 58.4	2.766	3.734	3.4	21.5
2 21	9 44.05	+ 2 44.4	2.749	3.724	2.9	21.5
3 2	9 37.16	+ 3 35.7	2.764	3.715	5.0	21.6
3 12	9 31.16	+ 4 28.0	2.807	3.705	7.6	21.7
3 22	9 26.54	+ 5 17.9	2.877	3.695	10.0	21.9

326242 2012 DS_{21} 2 14.4 341.°90 0.°0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.90	+10 57.5	1.536	2.375	15.5	20.8
1 22	10 7.53	+11 25.5	1.460	2.371	11.5	20.5
2 1	10 0.61	+12 7.4	1.407	2.367	6.9	20.2
2 11	9 51.96	+12 58.0	1.379	2.364	1.8	19.9
2 21	9 42.71	+13 50.2	1.378	2.361	3.4	20.0
3 2	9 34.20	+14 36.9	1.405	2.359	8.5	20.3
3 12	9 27.61	+15 12.8	1.455	2.357	13.0	20.5
3 22	9 23.68	+15 34.7	1.527	2.355	16.8	20.8

154133 2002 EM_{107} 2 14.4 146.°05 6.°6/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.27	+34 35.0	2.517	3.341	10.6	20.2
1 22	10 11.40	+35 41.4	2.465	3.352	8.5	20.1
2 1	10 2.51	+36 39.5	2.440	3.362	6.9	20.0
2 11	9 52.38	+37 22.5	2.443	3.372	6.7	20.0
2 21	9 41.99	+37 45.7	2.474	3.381	7.8	20.1
3 2	9 32.37	+37 47.1	2.533	3.389	9.8	20.2
3 12	9 24.41	+37 27.8	2.616	3.397	11.8	20.4
3 22	9 18.67	+36 51.0	2.720	3.404	13.7	20.5

310950 2003 UP_{26} 2 14.4 144.°98 1.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.66	+15 6.1	2.109	2.935	12.3	21.6
1 22	10 9.58	+16 1.3	2.042	2.948	9.0	21.4
2 1	10 1.50	+17 3.8	2.000	2.960	5.2	21.2
2 11	9 52.14	+18 7.3	1.988	2.971	1.8	21.0
2 21	9 42.44	+19 5.7	2.006	2.982	3.7	21.1
3 2	9 33.41	+19 53.8	2.054	2.991	7.4	21.4
3 12	9 25.95	+20 28.3	2.129	3.000	10.8	21.6
3 22	9 20.65	+20 48.4	2.226	3.008	13.7	21.8

326992 2004 PZ_{86} 2 14.4 204.°98 1.°1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.22	+ 6 10.5	1.990	2.803	13.5	20.9
1 22	10 5.79	+ 7 1.5	1.906	2.802	10.2	20.7
2 1	9 59.37	+ 8 9.2	1.847	2.800	6.3	20.5
2 11	9 51.61	+ 9 28.8	1.815	2.798	2.2	20.2
2 21	9 43.38	+10 54.0	1.813	2.796	2.7	20.2
3 2	9 35.67	+12 17.4	1.840	2.794	6.8	20.5
3 12	9 29.38	+13 32.4	1.895	2.792	10.6	20.7
3 22	9 25.15	+14 34.9	1.973	2.790	14.0	20.9

239831 1998 YX_4 2 14.4 52.°20 0.°3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.70	+10 33.6	1.156	2.006	18.7	20.0
1 22	10 9.87	+11 19.2	1.110	2.027	13.7	19.7
2 1	10 2.01	+12 22.1	1.085	2.048	8.1	19.5
2 11	9 52.29	+13 33.5	1.084	2.070	2.0	19.2
2 21	9 42.27	+14 43.2	1.109	2.092	4.1	19.4
3 2	9 33.55	+15 42.0	1.159	2.115	9.7	19.8
3 12	9 27.39	+16 24.0	1.232	2.137	14.5	20.1
3 22	9 24.42	+16 47.4	1.325	2.160	18.5	20.4

456855 2007 UO_{123} 2 14.4 96.°22 3.°1/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.87	+ 3 44.0	1.617	2.427	16.2	21.5
1 22	10 8.77	+ 3 45.8	1.544	2.433	12.5	21.3
2 1	10 1.24	+ 4 6.3	1.493	2.439	8.3	21.1
2 11	9 52.11	+ 4 43.1	1.468	2.444	4.2	20.9
2 21	9 42.50	+ 5 31.0	1.470	2.450	3.8	20.8
3 2	9 33.64	+ 6 23.6	1.500	2.456	7.7	21.1
3 12	9 26.65	+ 7 14.0	1.555	2.462	11.9	21.3
3 22	9 22.20	+ 7 57.2	1.632	2.467	15.6	21.6

69866 1998 ST_{60} 2 14.4 155.°10 1.°4/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.07	+15 15.0	2.228	3.058	11.6	19.2
1 22	10 6.93	+15 55.3	2.153	3.061	8.5	19.0
2 1	9 59.94	+16 42.2	2.104	3.064	4.9	18.8
2 11	9 51.75	+17 30.7	2.083	3.067	1.6	18.5
2 21	9 43.22	+18 15.6	2.092	3.070	3.4	18.7
3 2	9 35.24	+18 52.2	2.131	3.072	6.9	18.9
3 12	9 28.65	+19 17.7	2.196	3.074	10.3	19.1
3 22	9 24.01	+19 30.9	2.285	3.076	13.1	19.3

361991 2008 RY_{123} 2 14.4 298.°61 0.°4/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.26	+10 20.4	2.998	3.811	9.4	21.7
1 22	10 3.05	+10 38.6	2.905	3.802	7.0	21.5
2 1	9 57.51	+11 4.1	2.838	3.793	4.2	21.3
2 11	9 51.12	+11 34.4	2.800	3.784	1.2	21.1
2 21	9 44.42	+12 6.4	2.793	3.775	1.9	21.1
3 2	9 38.05	+12 37.0	2.815	3.766	4.9	21.3
3 12	9 32.58	+13 3.4	2.867	3.758	7.7	21.5
3 22	9 28.48	+13 23.5	2.943	3.749	10.1	21.7

145672 1321 $T\text{-}_2$ 2 14.4 106.°68 0.°8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.22	+ 8 23.6	1.809	2.629	14.3	19.9
1 22	10 8.05	+ 8 55.6	1.740	2.640	10.7	19.7
2 1	10 0.70	+ 9 41.5	1.695	2.651	6.5	19.5
2 11	9 51.97	+10 36.8	1.677	2.661	2.1	19.2
2 21	9 42.85	+11 35.1	1.688	2.671	2.8	19.3
3 2	9 34.46	+12 30.3	1.728	2.681	7.2	19.6
3 12	9 27.76	+13 17.0	1.794	2.691	11.2	19.8
3 22	9 23.36	+13 52.2	1.882	2.700	14.5	20.0

189182 2003 BW_{12} 2 14.4 141.°88 1.°0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.14	+11 57.3	1.768	2.594	14.3	20.2
1 22	10 10.28	+13 1.5	1.701	2.607	10.5	20.0
2 1	10 2.06	+14 18.0	1.659	2.619	6.1	19.8
2 11	9 52.33	+15 39.6	1.645	2.630	1.6	19.5
2 21	9 42.18	+16 58.1	1.660	2.640	3.7	19.7
3 2	9 32.80	+18 6.3	1.705	2.649	8.1	19.9
3 12	9 25.25	+18 59.2	1.776	2.658	12.1	20.2
3 22	9 20.19	+19 35.1	1.869	2.666	15.4	20.4

48807 Takahata 2 14.4 151.°91 4.°5/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.96	+27 16.7	2.503	3.336	10.4	18.8
1 22	10 8.92	+28 6.3	2.439	3.342	7.8	18.6
2 1	10 1.04	+28 53.0	2.401	3.348	5.5	18.5
2 11	9 52.04	+29 30.8	2.392	3.353	4.6	18.4
2 21	9 42.75	+29 55.2	2.413	3.358	5.9	18.5
3 2	9 34.10	+30 3.4	2.463	3.363	8.3	18.7
3 12	9 26.89	+29 55.3	2.539	3.367	10.8	18.8
3 22	9 21.67	+29 32.2	2.636	3.371	13.0	19.0

136450 2005 EX_{141} 2 14.4 203.°15 2.°1/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.57	+ 5 46.6	1.953	2.757	14.0	20.6
1 22	10 9.04	+ 5 55.4	1.866	2.754	10.7	20.3
2 1	10 1.34	+ 6 18.7	1.802	2.750	6.9	20.1
2 11	9 52.16	+ 6 53.9	1.766	2.746	3.1	19.8
2 21	9 42.46	+ 7 36.6	1.759	2.741	3.1	19.8
3 2	9 33.30	+ 8 21.5	1.781	2.735	7.0	20.1
3 12	9 25.70	+ 9 3.4	1.830	2.729	10.9	20.3
3 22	9 20.33	+ 9 38.2	1.903	2.723	14.3	20.5

313180 2001 OA_{69} 2 14.4 217.°17 0.°4/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.39	+11 46.4	2.159	2.979	12.3	21.4
1 22	10 8.06	+12 26.9	2.069	2.971	9.1	21.2
2 1	10 0.71	+13 17.8	2.004	2.963	5.4	20.9
2 11	9 51.99	+14 14.3	1.969	2.954	1.4	20.6
2 21	9 42.76	+15 10.9	1.963	2.944	2.9	20.7
3 2	9 34.00	+16 2.1	1.987	2.934	7.0	20.9
3 12	9 26.64	+16 43.5	2.039	2.923	10.6	21.1
3 22	9 21.32	+17 12.8	2.113	2.912	13.8	21.3

360399 2002 EX_{156} 2 14.4 36.°33 1.°4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.95	+14 19.6	1.105	1.965	18.6	21.0
1 22	10 10.21	+14 46.2	1.059	1.981	13.6	20.8
2 1	10 2.28	+15 24.6	1.033	1.998	7.9	20.5
2 11	9 52.39	+16 6.7	1.031	2.017	2.2	20.2
2 21	9 42.19	+16 43.7	1.054	2.036	4.7	20.5
3 2	9 33.38	+17 8.5	1.102	2.056	10.2	20.8
3 12	9 27.26	+17 17.6	1.172	2.077	15.1	21.2
3 22	9 24.46	+17 10.8	1.260	2.098	19.1	21.5

415905 2001 TU_{262} 2 14.4 102.°89 5.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.67	− 6 18.3	1.972	2.726	15.7	21.6
1 22	10 6.74	− 6 12.1	1.900	2.742	12.8	21.4
2 1	9 59.86	− 5 42.0	1.849	2.758	9.7	21.3
2 11	9 51.75	− 4 49.1	1.824	2.773	6.9	21.1
2 21	9 43.30	− 3 37.3	1.826	2.788	5.8	21.1
3 2	9 35.49	− 2 13.1	1.856	2.803	7.4	21.2
3 12	9 29.18	− 0 44.3	1.914	2.817	10.2	21.4
3 22	9 24.95	+ 0 41.8	1.996	2.831	13.1	21.6

90973 1997 WA_{36} 2 14.4 57.°85 6.°5/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.28	+25 20.4	1.364	2.221	15.9	19.1
1 22	10 11.79	+26 36.6	1.313	2.230	11.9	18.9
2 1	10 3.21	+27 51.7	1.284	2.239	8.2	18.7
2 11	9 52.65	+28 53.8	1.281	2.249	6.6	18.6
2 21	9 41.66	+29 33.7	1.304	2.258	8.7	18.7
3 2	9 31.90	+29 46.4	1.351	2.268	12.4	19.0
3 12	9 24.69	+29 32.4	1.421	2.277	16.1	19.2
3 22	9 20.73	+28 56.0	1.509	2.287	19.3	19.5

109982 2001 SQ_{55} 2 14.4 183.°11 5.°0/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.61	+25 26.6	2.028	2.869	12.1	19.6
1 22	10 9.84	+26 34.4	1.960	2.869	9.1	19.4
2 1	10 1.80	+27 41.5	1.918	2.869	6.3	19.2
2 11	9 52.27	+28 40.0	1.904	2.869	5.1	19.1
2 21	9 42.31	+29 23.1	1.919	2.868	6.7	19.2
3 2	9 33.05	+29 46.6	1.961	2.867	9.7	19.4
3 12	9 25.53	+29 49.4	2.028	2.866	12.7	19.6
3 22	9 20.39	+29 33.6	2.116	2.864	15.4	19.8

229175 2004 TV_{157} 2 14.4 97.°07 1.°4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.53	+ 7 38.3	2.002	2.816	13.4	20.8
1 22	10 7.37	+ 7 51.0	1.929	2.823	10.1	20.6
2 1	10 0.24	+ 8 16.2	1.879	2.831	6.3	20.4
2 11	9 51.86	+ 8 50.5	1.857	2.839	2.4	20.2
2 21	9 43.11	+ 9 29.6	1.864	2.847	2.7	20.2
3 2	9 35.00	+10 8.5	1.900	2.854	6.6	20.5
3 12	9 28.40	+10 42.7	1.963	2.862	10.2	20.7
3 22	9 23.89	+11 9.1	2.049	2.869	13.4	20.9

81560 2000 HZ_{29} 2 14.5 125.°65 8.°3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 22.37	+37 31.6	2.126	2.948	12.4	19.9
1 22	10 14.73	+38 44.0	2.083	2.963	10.2	19.8
2 1	10 4.60	+39 44.2	2.065	2.977	8.6	19.7
2 11	9 52.97	+40 23.6	2.074	2.991	8.4	19.7
2 21	9 41.13	+40 37.0	2.111	3.004	9.6	19.8
3 2	9 30.39	+40 23.2	2.173	3.017	11.6	20.0
3 12	9 21.82	+39 45.0	2.258	3.030	13.7	20.2
3 22	9 15.99	+38 47.4	2.362	3.041	15.6	20.3

48613 1995 FM_{11} 2 14.5 225.°55 1.°7/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.34	+ 6 21.6	1.591	2.408	16.1	19.7
1 22	10 10.13	+ 6 48.1	1.504	2.400	12.3	19.4
2 1	10 2.24	+ 7 33.6	1.439	2.392	7.7	19.1
2 11	9 52.46	+ 8 33.8	1.400	2.383	3.0	18.8
2 21	9 41.93	+ 9 42.3	1.390	2.373	3.3	18.8
3 2	9 32.00	+10 50.9	1.407	2.362	8.3	19.1
3 12	9 23.96	+11 52.2	1.450	2.351	13.0	19.3
3 22	9 18.65	+12 41.2	1.514	2.340	17.0	19.6

383699 2007 TV_{408} 2 14.5 61.°65 4.°2/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.69	− 0 43.7	2.086	2.862	14.2	20.9
1 22	10 7.25	− 0 56.4	2.028	2.891	11.2	20.7
2 1	10 0.05	− 0 51.6	1.993	2.920	8.0	20.6
2 11	9 51.79	− 0 30.9	1.986	2.948	5.1	20.5
2 21	9 43.36	+ 0 2.5	2.006	2.977	4.4	20.5
3 2	9 35.63	+ 0 44.0	2.056	3.006	6.5	20.7
3 12	9 29.38	+ 1 28.3	2.132	3.034	9.4	20.9
3 22	9 25.09	+ 2 10.6	2.233	3.062	12.1	21.1

319878 2006 WN_{111} 2 14.5 24.°69 3.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.42	+17 23.6	1.500	2.353	15.0	21.2
1 22	10 7.96	+18 22.4	1.437	2.357	11.0	20.9
2 1	10 0.88	+19 29.2	1.398	2.361	6.5	20.7
2 11	9 52.09	+20 35.6	1.384	2.366	3.1	20.5
2 21	9 42.82	+21 32.8	1.398	2.372	5.4	20.6
3 2	9 34.43	+22 14.1	1.438	2.378	9.8	20.9
3 12	9 28.10	+22 36.1	1.501	2.384	13.9	21.2
3 22	9 24.51	+22 38.8	1.585	2.391	17.3	21.4

247310 2001 TK_{123} 2 14.5 88.°57 9.°7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.09	−23 6.3	2.518	3.137	15.6	20.5
1 22	10 4.65	−23 29.8	2.439	3.151	14.1	20.4
2 1	9 58.57	−23 26.5	2.378	3.165	12.4	20.3
2 11	9 51.45	−22 54.3	2.338	3.178	10.9	20.2
2 21	9 44.01	−21 53.7	2.321	3.192	9.9	20.2
3 2	9 37.06	−20 28.4	2.330	3.205	9.8	20.2
3 12	9 31.34	−18 44.9	2.364	3.218	10.6	20.3
3 22	9 27.36	−16 51.2	2.423	3.231	12.0	20.4

352710 2008 SW_{189} 2 14.5 236.°69 0.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.05	+10 24.3	1.570	2.399	15.7	21.9
1 22	10 10.68	+10 46.1	1.486	2.391	11.7	21.7
2 1	10 2.58	+11 22.0	1.425	2.383	7.1	21.4
2 11	9 52.57	+12 7.2	1.390	2.374	2.0	21.0
2 21	9 41.84	+12 55.1	1.382	2.365	3.4	21.1
3 2	9 31.79	+13 38.8	1.403	2.356	8.6	21.4
3 12	9 23.71	+14 12.8	1.449	2.346	13.3	21.6
3 22	9 18.42	+14 34.0	1.515	2.337	17.3	21.9

142690 2002 TR_{241} 2 14.5 131.°80 3.°1/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.80	+17 53.0	1.944	2.782	12.7	20.4
1 22	10 8.47	+19 15.2	1.881	2.793	9.2	20.2
2 1	10 0.98	+20 43.7	1.843	2.803	5.5	20.0
2 11	9 52.10	+22 10.6	1.834	2.813	3.1	19.9
2 21	9 42.81	+23 27.8	1.855	2.823	5.1	20.0
3 2	9 34.23	+24 29.1	1.905	2.832	8.6	20.2
3 12	9 27.30	+25 11.4	1.980	2.841	12.0	20.5
3 22	9 22.65	+25 34.6	2.077	2.849	14.9	20.7

182105 2000 OR_{17} 2 14.5 235.°62 1.°0/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.08	+13 33.7	2.445	3.264	11.0	21.7
1 22	10 7.72	+14 22.7	2.345	3.248	8.1	21.5
2 1	10 0.51	+15 20.4	2.271	3.230	4.8	21.2
2 11	9 51.99	+16 22.1	2.227	3.212	1.4	21.0
2 21	9 42.94	+17 22.5	2.214	3.193	3.1	21.1
3 2	9 34.23	+18 16.4	2.232	3.173	6.7	21.3
3 12	9 26.72	+18 59.8	2.278	3.152	10.1	21.4
3 22	9 21.04	+19 30.7	2.347	3.131	13.0	21.6

77772 2001 QR_9 2 14.5 45.°22 0.°3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.61	+13 23.8	2.081	2.907	12.5	18.8
1 22	10 8.12	+13 28.9	2.007	2.912	9.2	18.5
2 1	10 0.68	+13 40.9	1.958	2.917	5.4	18.3
2 11	9 52.01	+13 56.0	1.937	2.922	1.4	18.1
2 21	9 43.01	+14 10.5	1.946	2.928	2.8	18.2
3 2	9 34.66	+14 20.8	1.984	2.933	6.7	18.4
3 12	9 27.83	+14 24.3	2.048	2.939	10.3	18.7
3 22	9 23.08	+14 19.7	2.136	2.945	13.3	18.9

257083 2008 FS_{137} 2 14.5 310.°05 7.°7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.29	+29 55.8	1.528	2.379	14.9	20.0
1 22	10 12.81	+30 52.5	1.446	2.356	11.7	19.8
2 1	10 4.07	+31 44.7	1.387	2.333	8.8	19.5
2 11	9 53.00	+32 21.3	1.353	2.310	7.8	19.4
2 21	9 41.05	+32 33.2	1.345	2.288	9.7	19.5
3 2	9 29.95	+32 15.5	1.361	2.266	13.2	19.6
3 12	9 21.28	+31 29.4	1.400	2.245	16.9	19.8
3 22	9 15.95	+30 19.6	1.457	2.224	20.3	20.0

229376 2005 SP 2 14.5 342.°86 2.°3/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.12	+ 7 16.0	1.285	2.119	18.2	20.1
1 22	10 10.34	+ 7 11.4	1.212	2.117	13.9	19.8
2 1	10 2.51	+ 7 25.3	1.160	2.115	8.8	19.5
2 11	9 52.57	+ 7 54.1	1.131	2.113	3.6	19.2
2 21	9 41.92	+ 8 32.2	1.128	2.112	3.9	19.2
3 2	9 32.15	+ 9 12.2	1.151	2.110	9.2	19.5
3 12	9 24.71	+ 9 47.1	1.198	2.109	14.3	19.8
3 22	9 20.44	+10 12.2	1.264	2.109	18.6	20.1

465952 2011 BC_{47} 2 14.5 221.°05 2.°3/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.29	+ 5 0.2	2.027	2.831	13.6	21.8
1 22	10 7.31	+ 5 6.3	1.941	2.828	10.4	21.6
2 1	10 0.30	+ 5 27.0	1.879	2.825	6.8	21.3
2 11	9 51.95	+ 5 59.7	1.843	2.821	3.2	21.1
2 21	9 43.13	+ 6 40.6	1.837	2.818	3.1	21.1
3 2	9 34.82	+ 7 24.7	1.859	2.814	6.6	21.3
3 12	9 27.96	+ 8 6.7	1.909	2.811	10.3	21.5
3 22	9 23.18	+ 8 42.7	1.982	2.807	13.6	21.7

51227 2000 JK_{25} 2 14.5 194.°05 4.°9/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.89	+27 35.5	2.281	3.117	11.2	18.9
1 22	10 9.81	+28 17.2	2.212	3.117	8.5	18.7
2 1	10 1.69	+28 55.5	2.168	3.116	6.0	18.5
2 11	9 52.29	+29 24.1	2.153	3.115	4.9	18.4
2 21	9 42.55	+29 38.1	2.167	3.114	6.3	18.5
3 2	9 33.51	+29 35.0	2.210	3.114	8.9	18.7
3 12	9 26.07	+29 14.7	2.277	3.113	11.6	18.9
3 22	9 20.81	+28 39.2	2.367	3.112	14.0	19.0

88845 2001 SN_{179} 2 14.5 80.°59 4.°6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.13	− 4 51.4	2.368	3.124	13.3	19.9
1 22	10 3.95	− 4 36.7	2.285	3.131	10.8	19.8
2 1	9 58.18	− 4 2.3	2.225	3.138	8.1	19.6
2 11	9 51.38	− 3 9.6	2.192	3.145	5.6	19.4
2 21	9 44.25	− 2 1.8	2.187	3.152	4.6	19.4
3 2	9 37.59	− 0 44.3	2.211	3.159	6.2	19.5
3 12	9 32.09	+ 0 36.7	2.263	3.167	8.9	19.7
3 22	9 28.27	+ 1 55.2	2.340	3.174	11.5	19.9

40269 1999 GP_{25} 2 14.5 301.°87 0.°7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.49	+ 8 12.0	1.410	2.246	16.7	19.0
1 22	10 7.59	+ 8 51.1	1.326	2.234	12.6	18.7
2 1	10 0.89	+ 9 50.4	1.263	2.222	7.7	18.4
2 11	9 52.18	+11 4.4	1.226	2.211	2.4	18.0
2 21	9 42.66	+12 24.9	1.216	2.199	3.5	18.1
3 2	9 33.79	+13 42.1	1.231	2.188	9.0	18.4
3 12	9 26.92	+14 47.6	1.271	2.177	14.1	18.6
3 22	9 22.95	+15 36.3	1.331	2.167	18.4	18.8

215138 1999 TL_{206} 2 14.5 88.°38 4.°8/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.17	+23 33.4	1.643	2.487	14.3	20.2
1 22	10 12.60	+24 29.3	1.595	2.507	10.6	20.0
2 1	10 3.44	+25 24.5	1.571	2.527	6.8	19.8
2 11	9 52.74	+26 10.2	1.574	2.547	4.8	19.7
2 21	9 41.82	+26 39.5	1.605	2.566	6.6	19.9
3 2	9 32.03	+26 48.9	1.664	2.585	10.1	20.1
3 12	9 24.46	+26 38.3	1.746	2.603	13.5	20.4
3 22	9 19.69	+26 10.5	1.850	2.622	16.4	20.6

124891 2001 TE_{47} 2 14.5 113.°38 2.°6/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.12	+15 56.9	1.547	2.389	15.2	19.7
1 22	10 10.57	+17 4.4	1.487	2.401	11.1	19.5
2 1	10 2.38	+18 21.3	1.451	2.413	6.5	19.2
2 11	9 52.51	+19 38.6	1.442	2.425	2.7	19.0
2 21	9 42.20	+20 47.2	1.461	2.436	5.0	19.2
3 2	9 32.84	+21 40.0	1.508	2.447	9.5	19.5
3 12	9 25.58	+22 13.4	1.579	2.458	13.5	19.7
3 22	9 21.10	+22 27.3	1.671	2.468	17.0	20.0

462088 2007 GV_{30} 2 14.5 220.°46 2.°4/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.69	+18 13.1	2.029	2.866	12.3	21.8
1 22	10 8.38	+18 54.2	1.952	2.863	9.0	21.5
2 1	10 0.95	+19 40.2	1.900	2.861	5.4	21.3
2 11	9 52.13	+20 25.1	1.876	2.858	2.5	21.1
2 21	9 42.87	+21 3.3	1.881	2.855	4.3	21.2
3 2	9 34.23	+21 29.9	1.915	2.851	8.0	21.4
3 12	9 27.15	+21 42.6	1.975	2.848	11.5	21.7
3 22	9 22.29	+21 41.0	2.057	2.845	14.5	21.9

367564 2009 SQ_{100} 2 14.5 171.°53 1.°0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.12	+ 7 6.9	2.318	3.123	12.1	22.1
1 22	10 6.93	+ 7 39.7	2.235	3.126	9.1	21.9
2 1	9 59.98	+ 8 25.0	2.178	3.129	5.6	21.7
2 11	9 51.87	+ 9 19.1	2.149	3.131	2.0	21.5
2 21	9 43.38	+10 17.3	2.150	3.133	2.4	21.5
3 2	9 35.38	+11 14.5	2.182	3.134	6.0	21.7
3 12	9 28.66	+12 6.0	2.241	3.135	9.4	22.0
3 22	9 23.77	+12 48.6	2.326	3.135	12.4	22.2

500356 2012 TG_{18} 2 14.5 152.°28 0.°4/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.00	+12 40.1	2.748	3.565	10.1	22.8
1 22	10 5.84	+13 9.9	2.671	3.571	7.4	22.6
2 1	9 59.21	+13 46.1	2.620	3.578	4.3	22.4
2 11	9 51.65	+14 25.5	2.599	3.584	1.1	22.2
2 21	9 43.82	+15 4.0	2.609	3.590	2.3	22.3
3 2	9 36.44	+15 38.2	2.649	3.595	5.5	22.5
3 12	9 30.16	+16 5.3	2.718	3.600	8.4	22.7
3 22	9 25.44	+16 23.8	2.812	3.605	10.9	22.9

151139 2001 XJ_{41} 2 14.5 7.°18 0.°8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.73	+13 14.4	1.283	2.129	17.4	18.4
1 22	10 11.41	+12 32.3	1.216	2.130	13.0	18.1
2 1	10 3.05	+11 58.1	1.172	2.132	7.9	17.8
2 11	9 52.71	+11 29.1	1.152	2.136	2.4	17.5
2 21	9 41.87	+11 2.4	1.158	2.141	3.7	17.6
3 2	9 32.13	+10 35.4	1.189	2.148	9.1	17.9
3 12	9 24.85	+10 5.8	1.245	2.155	14.0	18.2
3 22	9 20.73	+ 9 32.2	1.320	2.164	18.0	18.5

417293 2006 BV_{63} 2 14.5 298.°69 0.°6/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.38	+ 9 47.9	1.924	2.746	13.5	21.6
1 22	10 7.47	+10 3.7	1.842	2.744	10.1	21.4
2 1	10 0.44	+10 31.1	1.785	2.741	6.1	21.1
2 11	9 52.02	+11 6.2	1.754	2.738	1.9	20.8
2 21	9 43.12	+11 44.4	1.753	2.736	2.8	20.9
3 2	9 34.81	+12 20.4	1.780	2.733	7.0	21.2
3 12	9 28.05	+12 49.8	1.833	2.731	10.9	21.4
3 22	9 23.48	+13 9.9	1.909	2.728	14.3	21.6

283489 2001 SJ_{103} 2 14.5 136.°30 2.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.64	+ 4 59.5	1.716	2.523	15.5	22.0
1 22	10 9.97	+ 5 24.6	1.644	2.534	11.8	21.8
2 1	10 1.95	+ 6 7.5	1.596	2.545	7.6	21.6
2 11	9 52.40	+ 7 4.2	1.575	2.555	3.2	21.3
2 21	9 42.43	+ 8 8.4	1.583	2.565	3.2	21.4
3 2	9 33.22	+ 9 13.2	1.619	2.574	7.4	21.6
3 12	9 25.83	+10 11.9	1.682	2.583	11.5	21.9
3 22	9 20.91	+11 0.2	1.767	2.590	15.1	22.1

336463 2008 UT_{368} 2 14.5 54.°31 4.°0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.34	+ 1 10.2	2.072	2.858	13.9	20.6
1 22	10 7.19	+ 0 47.3	1.996	2.867	11.0	20.4
2 1	10 0.16	+ 0 39.8	1.944	2.876	7.7	20.2
2 11	9 51.92	+ 0 47.1	1.919	2.886	4.8	20.0
2 21	9 43.33	+ 1 6.5	1.922	2.895	4.2	20.0
3 2	9 35.34	+ 1 34.4	1.953	2.905	6.7	20.2
3 12	9 28.78	+ 2 5.7	2.012	2.914	9.8	20.4
3 22	9 24.23	+ 2 36.1	2.094	2.924	12.8	20.6

123427 2000 WX_{111} 2 14.5 113.°39 1.°1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.01	+ 8 29.6	2.097	2.908	12.9	20.3
1 22	10 8.37	+ 8 40.0	2.026	2.920	9.7	20.1
2 1	10 0.83	+ 9 1.5	1.980	2.932	6.0	19.9
2 11	9 52.09	+ 9 30.7	1.961	2.944	2.1	19.7
2 21	9 43.04	+10 3.5	1.973	2.955	2.6	19.7
3 2	9 34.65	+10 35.4	2.013	2.966	6.4	20.0
3 12	9 27.74	+11 2.7	2.082	2.977	9.9	20.2
3 22	9 22.88	+11 22.6	2.173	2.988	12.9	20.4

508220 2015 GW_{34} 2 14.5 346.°54 6.°7/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.81	−10 52.6	2.348	3.068	14.3	21.1
1 22	10 3.83	−10 55.6	2.257	3.068	12.2	20.9
2 1	9 58.17	−10 35.5	2.187	3.067	9.8	20.8
2 11	9 51.41	− 9 52.1	2.141	3.066	7.7	20.6
2 21	9 44.26	− 8 47.4	2.123	3.066	6.7	20.6
3 2	9 37.52	− 7 26.1	2.132	3.065	7.5	20.6
3 12	9 31.96	− 5 54.9	2.168	3.065	9.5	20.7
3 22	9 28.11	− 4 20.9	2.230	3.065	11.9	20.9

454682 2014 QR_{426} 2 14.5 236.°34 2.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.26	+ 5 59.6	1.752	2.563	15.1	20.9
1 22	10 9.84	+ 5 56.3	1.664	2.556	11.6	20.7
2 1	10 1.99	+ 6 8.0	1.599	2.548	7.5	20.4
2 11	9 52.46	+ 6 32.6	1.561	2.540	3.4	20.1
2 21	9 42.29	+ 7 5.7	1.551	2.533	3.4	20.1
3 2	9 32.71	+ 7 42.3	1.569	2.524	7.6	20.3
3 12	9 24.86	+ 8 16.6	1.613	2.516	11.8	20.6
3 22	9 19.49	+ 8 44.6	1.680	2.507	15.6	20.8

76553 2000 GD_{89} 2 14.5 30.°17 4.°9/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.06	+25 16.4	2.017	2.862	12.0	18.7
1 22	10 7.97	+26 18.2	1.952	2.864	9.0	18.5
2 1	10 0.71	+27 19.0	1.914	2.867	6.1	18.4
2 11	9 52.08	+28 11.6	1.903	2.869	4.9	18.3
2 21	9 43.06	+28 49.5	1.920	2.872	6.5	18.4
3 2	9 34.76	+29 8.8	1.965	2.875	9.5	18.6
3 12	9 28.13	+29 8.6	2.034	2.878	12.4	18.8
3 22	9 23.78	+28 50.5	2.123	2.881	15.0	19.0

331505 1999 UN_{36} 2 14.5 197.°26 1.°0/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.21	+ 8 0.1	2.486	3.290	11.4	22.3
1 22	10 6.93	+ 8 22.3	2.396	3.287	8.5	22.1
2 1	9 59.96	+ 8 55.1	2.332	3.284	5.3	21.9
2 11	9 51.88	+ 9 35.5	2.297	3.280	1.9	21.6
2 21	9 43.41	+10 19.5	2.292	3.275	2.3	21.6
3 2	9 35.35	+11 2.9	2.318	3.270	5.8	21.9
3 12	9 28.49	+11 41.8	2.373	3.264	9.0	22.1
3 22	9 23.35	+12 13.3	2.451	3.258	11.9	22.2

241080 2006 UF_{18} 2 14.5 192.°87 0.°9/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.11	+14 43.9	2.774	3.595	9.8	21.7
1 22	10 5.98	+15 14.8	2.690	3.594	7.2	21.6
2 1	9 59.33	+15 51.0	2.633	3.592	4.2	21.4
2 11	9 51.71	+16 28.9	2.605	3.589	1.2	21.1
2 21	9 43.78	+17 4.8	2.608	3.586	2.6	21.2
3 2	9 36.26	+17 35.0	2.641	3.583	5.7	21.4
3 12	9 29.81	+17 57.1	2.703	3.580	8.6	21.6
3 22	9 24.94	+18 9.8	2.789	3.576	11.1	21.8

306082 2010 GF_{141} 2 14.5 235.°17 2.°8/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.79	+ 3 25.2	1.706	2.511	15.7	21.7
1 22	10 8.87	+ 3 44.4	1.615	2.502	12.2	21.5
2 1	10 1.48	+ 4 23.7	1.546	2.492	8.1	21.2
2 11	9 52.36	+ 5 20.4	1.504	2.481	3.9	20.9
2 21	9 42.52	+ 6 28.9	1.489	2.470	3.6	20.9
3 2	9 33.21	+ 7 42.0	1.503	2.459	7.8	21.1
3 12	9 25.60	+ 8 51.9	1.542	2.447	12.1	21.3
3 22	9 20.50	+ 9 52.5	1.605	2.435	16.0	21.5

284323 2006 QV_{164} 2 14.5 165.°26 1.°7/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.66	+ 5 9.6	3.005	3.792	10.0	21.6
1 22	10 5.49	+ 5 17.3	2.919	3.797	7.7	21.5
2 1	9 58.98	+ 5 34.6	2.859	3.802	5.0	21.3
2 11	9 51.62	+ 5 59.7	2.828	3.806	2.4	21.1
2 21	9 43.99	+ 6 30.0	2.829	3.809	2.2	21.1
3 2	9 36.74	+ 7 2.4	2.860	3.812	4.8	21.3
3 12	9 30.46	+ 7 33.6	2.921	3.815	7.4	21.5
3 22	9 25.58	+ 8 1.2	3.007	3.817	9.8	21.6

430846 2005 LG_{16} 2 14.5 166.°00 3.°2/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.13	+ 0 20.4	2.809	3.578	11.1	21.5
1 22	10 5.21	+ 0 16.6	2.720	3.581	8.8	21.3
2 1	9 58.86	+ 0 25.6	2.657	3.584	6.2	21.2
2 11	9 51.59	+ 0 46.3	2.622	3.586	3.9	21.0
2 21	9 44.03	+ 1 16.5	2.616	3.589	3.3	21.0
3 2	9 36.85	+ 1 52.8	2.641	3.591	5.3	21.1
3 12	9 30.68	+ 2 31.6	2.695	3.592	7.8	21.3
3 22	9 25.99	+ 3 9.1	2.774	3.594	10.3	21.5

32127 2000 LK_{12} 2 14.5 210.°87 4.°0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.80	− 2 53.5	2.613	3.373	12.1	19.4
1 22	10 4.39	− 2 45.9	2.519	3.369	9.7	19.2
2 1	9 58.45	− 2 21.7	2.448	3.366	7.2	19.0
2 11	9 51.51	− 1 42.0	2.404	3.362	4.8	18.8
2 21	9 44.20	− 0 49.6	2.389	3.358	4.1	18.8
3 2	9 37.26	+ 0 11.6	2.405	3.353	5.8	18.9
3 12	9 31.36	+ 1 16.2	2.448	3.349	8.4	19.0
3 22	9 27.01	+ 2 19.5	2.517	3.344	11.0	19.2

209931 2006 BT_{2} 2 14.5 0.°71 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 30.47	+16 59.1	1.034	1.880	20.7	19.4
1 22	10 22.40	+15 48.5	0.966	1.879	15.6	19.0
2 1	10 9.99	+14 37.8	0.917	1.879	9.4	18.7
2 11	9 54.64	+13 24.3	0.893	1.879	2.5	18.3
2 21	9 38.51	+12 7.0	0.896	1.879	4.6	18.4
3 2	9 24.05	+10 47.5	0.924	1.880	11.4	18.8
3 12	9 13.18	+ 9 28.1	0.975	1.881	17.3	19.1
3 22	9 6.76	+ 8 10.6	1.044	1.883	22.2	19.4

131102 2001 AB_{24} 2 14.5 81.°37 0.°0/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.34	+ 9 55.3	1.547	2.376	15.8	19.8
1 22	10 9.83	+10 40.0	1.492	2.398	11.7	19.6
2 1	10 1.88	+11 39.0	1.461	2.420	6.9	19.4
2 11	9 52.42	+12 45.6	1.456	2.441	1.8	19.1
2 21	9 42.66	+13 51.9	1.480	2.463	3.3	19.2
3 2	9 33.89	+14 50.7	1.531	2.484	8.1	19.6
3 12	9 27.14	+15 36.7	1.608	2.504	12.3	19.9
3 22	9 23.02	+16 7.5	1.707	2.525	15.8	20.1

240248 2002 UP_{31} 2 14.5 343.°15 5.°2/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.38	− 2 47.0	2.068	2.839	14.5	19.8
1 22	10 5.90	− 3 8.8	1.981	2.837	11.8	19.6
2 1	9 59.50	− 3 12.0	1.916	2.835	8.8	19.4
2 11	9 51.82	− 2 56.5	1.877	2.832	6.1	19.2
2 21	9 43.67	− 2 24.6	1.865	2.831	5.3	19.1
3 2	9 36.00	− 1 40.2	1.881	2.829	7.2	19.3
3 12	9 29.70	− 0 49.4	1.924	2.828	10.2	19.4
3 22	9 25.36	+ 0 2.2	1.990	2.826	13.1	19.6

428743 2008 RR_{145} 2 14.5 64.°20 1.°9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.97	+16 57.8	1.892	2.729	13.0	21.2
1 22	10 8.55	+17 30.4	1.831	2.743	9.5	21.0
2 1	10 1.02	+18 8.3	1.795	2.756	5.6	20.8
2 11	9 52.19	+18 45.7	1.787	2.770	2.1	20.6
2 21	9 43.07	+19 17.0	1.807	2.784	4.0	20.8
3 2	9 34.75	+19 38.1	1.856	2.798	7.8	21.0
3 12	9 28.14	+19 46.7	1.931	2.812	11.3	21.3
3 22	9 23.80	+19 42.4	2.028	2.826	14.3	21.5

324581 2006 XC 2 14.5 132.°66 0.°9/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.36	+13 56.7	1.903	2.732	13.3	21.0
1 22	10 9.62	+14 24.4	1.832	2.739	9.8	20.7
2 1	10 1.70	+15 0.3	1.786	2.746	5.7	20.5
2 11	9 52.38	+15 39.0	1.768	2.753	1.6	20.2
2 21	9 42.69	+16 15.3	1.779	2.759	3.3	20.4
3 2	9 33.71	+16 44.1	1.819	2.765	7.5	20.6
3 12	9 26.44	+17 2.2	1.885	2.771	11.3	20.9
3 22	9 21.47	+17 8.6	1.974	2.777	14.5	21.1

148517 2001 PA_{27} 2 14.5 330.°10 1.°5/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.97	+16 16.6	1.721	2.557	14.2	19.8
1 22	10 11.08	+16 28.3	1.646	2.556	10.5	19.6
2 1	10 2.70	+16 45.9	1.595	2.555	6.2	19.3
2 11	9 52.69	+17 4.1	1.570	2.555	1.9	19.0
2 21	9 42.19	+17 17.8	1.575	2.554	3.9	19.2
3 2	9 32.50	+17 22.7	1.607	2.554	8.3	19.4
3 12	9 24.72	+17 16.6	1.665	2.553	12.4	19.7
3 22	9 19.55	+16 59.3	1.745	2.553	15.9	19.9

237224 2008 VY_{37} 2 14.5 47.°51 1.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.31	+ 6 0.5	1.823	2.640	14.3	20.3
1 22	10 5.90	+ 6 28.8	1.759	2.655	10.8	20.1
2 1	9 59.49	+ 7 12.7	1.719	2.671	6.8	19.9
2 11	9 51.82	+ 8 8.1	1.705	2.687	2.7	19.7
2 21	9 43.84	+ 9 9.2	1.720	2.703	2.8	19.7
3 2	9 36.56	+10 9.6	1.763	2.720	6.8	20.0
3 12	9 30.87	+11 3.5	1.832	2.736	10.6	20.3
3 22	9 27.32	+11 47.0	1.925	2.753	13.8	20.5

460384 2014 SB_{57} 2 14.5 57.°82 3.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.08	+17 27.2	1.508	2.357	15.1	20.9
1 22	10 9.14	+18 28.5	1.451	2.369	11.0	20.7
2 1	10 1.59	+19 37.2	1.418	2.381	6.5	20.4
2 11	9 52.39	+20 44.5	1.411	2.393	3.1	20.3
2 21	9 42.80	+21 41.9	1.432	2.406	5.4	20.4
3 2	9 34.17	+22 22.8	1.479	2.418	9.6	20.7
3 12	9 27.63	+22 44.4	1.551	2.431	13.6	21.0
3 22	9 23.84	+22 46.9	1.642	2.444	17.0	21.2

414455 2009 HO_{17} 2 14.5 195.°53 4.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.81	− 0 35.6	2.017	2.796	14.5	22.6
1 22	10 7.75	− 0 26.0	1.928	2.794	11.5	22.4
2 1	10 0.65	+ 0 3.1	1.861	2.792	8.2	22.1
2 11	9 52.16	+ 0 50.3	1.822	2.789	5.0	21.9
2 21	9 43.16	+ 1 51.5	1.811	2.786	4.2	21.9
3 2	9 34.65	+ 3 1.0	1.829	2.782	6.9	22.0
3 12	9 27.59	+ 4 11.8	1.874	2.777	10.4	22.2
3 22	9 22.61	+ 5 18.1	1.943	2.772	13.7	22.4

163557 2002 TC_{121} 2 14.5 86.°70 3.°4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.11	+ 1 8.0	2.230	3.014	13.1	19.9
1 22	10 6.20	+ 1 7.2	2.155	3.026	10.3	19.7
2 1	9 59.56	+ 1 22.0	2.104	3.038	7.1	19.6
2 11	9 51.84	+ 1 50.7	2.080	3.050	4.2	19.4
2 21	9 43.81	+ 2 29.9	2.086	3.061	3.6	19.4
3 2	9 36.33	+ 3 15.2	2.120	3.073	6.1	19.5
3 12	9 30.16	+ 4 1.6	2.182	3.085	9.2	19.8
3 22	9 25.82	+ 4 44.7	2.268	3.096	12.0	20.0

427169 2014 UU_{197} 2 14.5 127.°02 0.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.17	+10 27.3	2.096	2.911	12.8	21.9
1 22	10 9.25	+10 52.1	2.027	2.925	9.5	21.7
2 1	10 1.39	+11 27.0	1.984	2.939	5.7	21.5
2 11	9 52.33	+12 7.6	1.968	2.953	1.6	21.2
2 21	9 42.95	+12 49.1	1.983	2.966	2.6	21.3
3 2	9 34.26	+13 26.7	2.028	2.978	6.6	21.6
3 12	9 27.09	+13 56.8	2.100	2.990	10.1	21.8
3 22	9 22.01	+14 17.2	2.196	3.002	13.1	22.1

167077 2003 RZ_{19} 2 14.5 100.°15 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.25	+ 7 2.7	1.590	2.413	15.8	20.2
1 22	10 8.46	+ 7 33.8	1.518	2.418	11.9	19.9
2 1	10 1.21	+ 8 22.6	1.468	2.423	7.4	19.7
2 11	9 52.33	+ 9 24.1	1.445	2.428	2.6	19.4
2 21	9 42.94	+10 31.3	1.449	2.432	3.1	19.4
3 2	9 34.30	+11 36.6	1.481	2.437	7.9	19.7
3 12	9 27.53	+12 33.2	1.538	2.441	12.3	20.0
3 22	9 23.33	+13 16.9	1.617	2.446	16.0	20.3

82890 2001 QZ_{83} 2 14.5 160.°93 4.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.89	+28 53.0	2.798	3.625	9.6	19.6
1 22	10 9.50	+29 33.0	2.732	3.630	7.3	19.4
2 1	10 1.43	+30 8.9	2.693	3.635	5.3	19.3
2 11	9 52.33	+30 35.6	2.683	3.639	4.5	19.2
2 21	9 42.99	+30 49.4	2.704	3.643	5.6	19.3
3 2	9 34.24	+30 48.0	2.753	3.647	7.8	19.5
3 12	9 26.83	+30 31.5	2.830	3.650	10.0	19.6
3 22	9 21.26	+30 1.7	2.928	3.653	12.0	19.8

171993 2001 TS_{214} 2 14.5 92.°60 4.°0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.26	− 1 14.4	2.429	3.196	12.7	20.3
1 22	10 6.18	− 1 26.4	2.354	3.210	10.1	20.1
2 1	9 59.51	− 1 22.9	2.303	3.225	7.3	20.0
2 11	9 51.84	− 1 5.0	2.278	3.239	4.8	19.9
2 21	9 43.89	− 0 35.0	2.283	3.252	4.1	19.8
3 2	9 36.45	+ 0 3.2	2.318	3.266	6.0	20.0
3 12	9 30.23	+ 0 45.1	2.380	3.280	8.7	20.2
3 22	9 25.71	+ 1 26.3	2.467	3.293	11.2	20.3

275568 1999 TR_{38} 2 14.5 171.°07 1.°7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.99	+ 5 31.6	1.897	2.698	14.5	22.3
1 22	10 10.90	+ 6 1.6	1.816	2.703	11.0	22.0
2 1	10 2.55	+ 6 48.0	1.759	2.708	7.0	21.8
2 11	9 52.68	+ 7 46.8	1.730	2.711	2.8	21.6
2 21	9 42.32	+ 8 52.3	1.731	2.714	2.9	21.6
3 2	9 32.60	+ 9 57.7	1.762	2.715	7.1	21.8
3 12	9 24.54	+10 57.0	1.820	2.716	11.1	22.1
3 22	9 18.82	+11 46.0	1.902	2.715	14.6	22.3

122586 2000 RJ_{26} 2 14.5 269.°73 4.°8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.62	+ 0 5.1	1.707	2.497	16.3	20.0
1 22	10 9.70	− 0 8.3	1.601	2.474	13.1	19.8
2 1	10 2.17	− 0 1.1	1.517	2.450	9.4	19.5
2 11	9 52.67	+ 0 26.8	1.457	2.425	5.9	19.2
2 21	9 42.22	+ 1 12.7	1.425	2.400	5.1	19.1
3 2	9 32.11	+ 2 11.3	1.421	2.374	8.4	19.2
3 12	9 23.62	+ 3 14.9	1.442	2.348	12.7	19.4
3 22	9 17.69	+ 4 16.2	1.486	2.322	16.8	19.6

58209 1992 EH_{19} 2 14.5 17.°81 1.°0/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.34	+13 12.0	1.703	2.546	14.0	19.0
1 22	10 5.42	+13 51.3	1.639	2.553	10.2	18.8
2 1	9 59.32	+14 41.0	1.598	2.560	6.0	18.5
2 11	9 51.83	+15 35.1	1.584	2.569	1.6	18.3
2 21	9 43.98	+16 27.0	1.598	2.579	3.5	18.4
3 2	9 36.85	+17 10.6	1.639	2.589	7.8	18.7
3 12	9 31.42	+17 41.7	1.705	2.600	11.8	18.9
3 22	9 28.29	+17 58.5	1.792	2.612	15.1	19.2

12 Victoria 2 14.5 213.°44 4.°5/18.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.76	− 1 29.1	2.045	2.815	14.6	11.8
1 22	10 9.25	− 1 33.5	1.948	2.807	11.8	11.6
2 1	10 1.61	− 1 18.7	1.874	2.799	8.5	11.4
2 11	9 52.47	− 0 45.4	1.827	2.790	5.5	11.2
2 21	9 42.73	+ 0 3.5	1.808	2.780	4.7	11.1
3 2	9 33.44	+ 1 2.9	1.819	2.769	7.2	11.2
3 12	9 25.57	+ 2 6.5	1.857	2.757	10.7	11.4
3 22	9 19.84	+ 3 7.9	1.919	2.745	13.9	11.6

433627 2013 YS_{120} 2 14.5 353.°78 0.°0/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.73	+11 3.7	2.030	2.858	12.6	21.1
1 22	10 5.48	+11 31.3	1.951	2.856	9.4	20.9
2 1	9 59.29	+12 9.4	1.896	2.854	5.6	20.6
2 11	9 51.84	+12 53.8	1.868	2.853	1.5	20.3
2 21	9 43.97	+13 39.3	1.869	2.852	2.7	20.4
3 2	9 36.64	+14 21.0	1.899	2.851	6.8	20.7
3 12	9 30.73	+14 54.4	1.955	2.851	10.5	20.9
3 22	9 26.83	+15 17.2	2.034	2.851	13.6	21.1

204671 2006 DG_{31} 2 14.5 235.°53 1.°0/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.61	+ 7 54.4	1.785	2.602	14.6	21.5
1 22	10 9.44	+ 8 22.3	1.693	2.591	11.1	21.2
2 1	10 1.85	+ 9 5.8	1.625	2.580	6.9	20.9
2 11	9 52.57	+10 0.8	1.584	2.568	2.3	20.6
2 21	9 42.59	+11 1.5	1.572	2.555	3.0	20.6
3 2	9 33.13	+12 0.8	1.589	2.542	7.7	20.9
3 12	9 25.33	+12 52.8	1.631	2.529	12.0	21.1
3 22	9 19.97	+13 33.2	1.696	2.515	15.8	21.3

249316 2008 UF_{185} 2 14.5 196.°11 3.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.85	+21 45.4	2.116	2.957	11.7	20.7
1 22	10 7.76	+22 39.4	2.045	2.957	8.6	20.5
2 1	10 0.64	+23 35.6	1.999	2.957	5.4	20.3
2 11	9 52.19	+24 27.3	1.982	2.957	3.6	20.2
2 21	9 43.35	+25 8.6	1.993	2.956	5.3	20.3
3 2	9 35.12	+25 35.1	2.033	2.956	8.4	20.5
3 12	9 28.43	+25 45.1	2.098	2.956	11.6	20.7
3 22	9 23.86	+25 39.1	2.186	2.956	14.3	20.9

498036 2007 HF_{59} 2 14.5 276.°62 2.°2/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.26	+17 2.5	1.947	2.784	12.7	21.9
1 22	10 8.31	+17 44.0	1.858	2.770	9.4	21.7
2 1	10 1.11	+18 32.4	1.795	2.756	5.6	21.4
2 11	9 52.36	+19 21.7	1.759	2.741	2.3	21.2
2 21	9 43.00	+20 5.7	1.752	2.727	4.3	21.3
3 2	9 34.16	+20 38.9	1.773	2.712	8.3	21.5
3 12	9 26.90	+20 58.0	1.820	2.698	12.1	21.7
3 22	9 21.93	+21 2.0	1.888	2.683	15.4	21.9

208651 2002 EX_{151} 2 14.5 238.°12 4.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.84	+21 20.2	1.705	2.547	14.0	20.4
1 22	10 11.96	+22 6.3	1.627	2.540	10.4	20.1
2 1	10 3.38	+22 55.6	1.573	2.532	6.5	19.9
2 11	9 52.96	+23 40.1	1.547	2.524	4.0	19.7
2 21	9 41.93	+24 12.3	1.548	2.515	6.0	19.8
3 2	9 31.66	+24 27.3	1.577	2.507	9.9	20.0
3 12	9 23.39	+24 23.2	1.631	2.498	13.8	20.2
3 22	9 17.90	+24 1.5	1.705	2.489	17.2	20.4

155154 2005 UW_{78} 2 14.5 106.°77 7.°9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.67	+33 27.4	1.933	2.771	12.8	19.6
1 22	10 11.59	+34 55.4	1.886	2.782	10.2	19.5
2 1	10 3.00	+36 14.9	1.864	2.792	8.3	19.4
2 11	9 52.82	+37 16.3	1.869	2.802	8.0	19.4
2 21	9 42.29	+37 52.9	1.900	2.812	9.5	19.5
3 2	9 32.71	+38 2.0	1.957	2.822	11.8	19.6
3 12	9 25.18	+37 45.1	2.037	2.832	14.3	19.8
3 22	9 20.32	+37 6.5	2.135	2.841	16.4	20.0

385856 2006 QH_{110} 2 14.5 63.°91 3.°1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.24	− 0 30.6	2.229	3.011	13.2	20.7
1 22	10 4.16	+ 0 9.1	2.153	3.023	10.4	20.5
2 1	9 58.41	+ 1 7.6	2.101	3.035	7.1	20.3
2 11	9 51.60	+ 2 21.8	2.076	3.047	4.1	20.2
2 21	9 44.49	+ 3 46.6	2.081	3.059	3.3	20.1
3 2	9 37.88	+ 5 15.7	2.115	3.071	5.9	20.3
3 12	9 32.52	+ 6 42.3	2.178	3.083	9.1	20.5
3 22	9 28.91	+ 8 1.1	2.265	3.095	11.9	20.8

4994 Kisala 2 14.5 84.°59 0.°8/13.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.53	+13 26.9	2.081	2.907	12.5	18.2
1 22	10 8.05	+14 0.9	2.021	2.927	9.1	18.1
2 1	10 0.69	+14 42.5	1.987	2.946	5.3	17.9
2 11	9 52.19	+15 26.7	1.981	2.966	1.4	17.6
2 21	9 43.46	+16 8.3	2.005	2.985	3.0	17.8
3 2	9 35.44	+16 43.0	2.058	3.005	6.8	18.1
3 12	9 28.96	+17 7.5	2.138	3.023	10.2	18.3
3 22	9 24.51	+17 20.8	2.241	3.042	13.0	18.5

240050 2001 WM_{23} 2 14.5 121.°36 2.°7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.94	+ 1 45.5	2.542	3.324	11.8	21.3
1 22	10 5.21	+ 1 57.4	2.462	3.333	9.2	21.1
2 1	9 58.96	+ 2 23.1	2.407	3.342	6.3	20.9
2 11	9 51.75	+ 3 0.8	2.380	3.351	3.5	20.7
2 21	9 44.24	+ 3 47.0	2.383	3.360	3.0	20.7
3 2	9 37.19	+ 4 37.6	2.415	3.369	5.4	20.9
3 12	9 31.26	+ 5 28.0	2.476	3.377	8.3	21.1
3 22	9 26.94	+ 6 14.5	2.562	3.385	11.0	21.3

322779 2001 ML_{28} 2 14.5 193.°25 1.°8/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.92	+ 7 32.4	2.183	2.983	12.9	20.6
1 22	10 10.63	+ 7 23.4	2.094	2.981	9.8	20.4
2 1	10 2.32	+ 7 25.0	2.031	2.979	6.2	20.2
2 11	9 52.66	+ 7 34.8	1.996	2.976	2.6	20.0
2 21	9 42.55	+ 7 50.0	1.991	2.973	2.8	20.0
3 2	9 32.97	+ 8 7.0	2.017	2.969	6.4	20.2
3 12	9 24.85	+ 8 22.2	2.070	2.965	10.0	20.4
3 22	9 18.80	+ 8 33.0	2.148	2.960	13.2	20.6

419558 2010 PO_{77} 2 14.5 201.°39 0.°2/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.61	+10 34.8	2.346	3.154	11.8	22.3
1 22	10 9.61	+11 2.9	2.254	3.149	8.8	22.1
2 1	10 1.70	+11 40.6	2.188	3.143	5.3	21.8
2 11	9 52.50	+12 24.1	2.151	3.136	1.5	21.5
2 21	9 42.83	+13 8.9	2.146	3.128	2.5	21.6
3 2	9 33.62	+13 50.3	2.171	3.119	6.4	21.8
3 12	9 25.72	+14 24.6	2.225	3.110	9.9	22.0
3 22	9 19.75	+14 49.4	2.303	3.099	12.9	22.2

2752 Wu Chien–Shiung 2 14.5 109.°95 2.°9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.75	+ 1 6.7	2.356	3.140	12.5	16.6
1 22	10 5.19	+ 1 28.9	2.278	3.150	9.8	16.4
2 1	9 58.99	+ 2 7.0	2.224	3.159	6.7	16.2
2 11	9 51.76	+ 2 58.6	2.197	3.169	3.7	16.1
2 21	9 44.23	+ 3 59.7	2.200	3.178	3.1	16.0
3 2	9 37.17	+ 5 5.0	2.233	3.187	5.7	16.2
3 12	9 31.33	+ 6 9.2	2.294	3.196	8.8	16.4
3 22	9 27.19	+ 7 7.9	2.380	3.205	11.6	16.6

501097 2013 SO_{81} 2 14.5 56.°42 5.°0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.48	− 2 56.1	2.052	2.823	14.6	20.9
1 22	10 5.94	− 3 7.3	1.976	2.832	11.8	20.8
2 1	9 59.53	− 2 58.9	1.922	2.841	8.7	20.6
2 11	9 51.92	− 2 31.7	1.894	2.851	5.9	20.4
2 21	9 43.94	− 1 48.6	1.893	2.860	5.1	20.4
3 2	9 36.53	− 0 54.5	1.920	2.870	7.0	20.5
3 12	9 30.51	+ 0 4.4	1.975	2.879	9.9	20.7
3 22	9 26.45	+ 1 2.2	2.053	2.889	12.8	20.9

522502 2016 EC_{233} 2 14.5 204.°56 1.°4/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.52	+ 7 21.0	2.237	3.043	12.4	21.9
1 22	10 7.38	+ 7 34.3	2.150	3.041	9.4	21.7
2 1	10 0.38	+ 7 59.4	2.087	3.037	5.9	21.5
2 11	9 52.15	+ 8 33.4	2.052	3.034	2.3	21.2
2 21	9 43.50	+ 9 12.3	2.048	3.030	2.5	21.2
3 2	9 35.32	+ 9 51.7	2.073	3.026	6.2	21.5
3 12	9 28.45	+10 27.2	2.125	3.022	9.7	21.7
3 22	9 23.49	+10 55.8	2.202	3.018	12.7	21.9

430002 2013 QP_{47} 2 14.5 127.°65 0.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.27	+10 36.6	2.441	3.246	11.5	22.0
1 22	10 9.81	+10 38.6	2.369	3.262	8.5	21.8
2 1	10 1.65	+10 48.2	2.323	3.277	5.2	21.6
2 11	9 52.46	+11 2.5	2.307	3.291	1.6	21.4
2 21	9 43.02	+11 18.2	2.322	3.305	2.3	21.5
3 2	9 34.19	+11 32.4	2.368	3.318	5.8	21.7
3 12	9 26.73	+11 42.3	2.443	3.331	9.0	22.0
3 22	9 21.12	+11 46.4	2.542	3.343	11.7	22.2

52788 1998 QA_{46} 2 14.5 218.°00 0.°0/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.64	+12 0.8	1.580	2.408	15.6	18.8
1 22	10 12.62	+12 10.4	1.498	2.404	11.7	18.5
2 1	10 3.83	+12 31.2	1.440	2.399	7.0	18.2
2 11	9 53.12	+12 58.3	1.408	2.393	1.9	17.9
2 21	9 41.74	+13 26.2	1.404	2.387	3.4	18.0
3 2	9 31.11	+13 49.0	1.428	2.380	8.6	18.2
3 12	9 22.53	+14 2.8	1.478	2.374	13.2	18.5
3 22	9 16.81	+14 5.6	1.549	2.366	17.1	18.7

272595 2005 VB_{93} 2 14.5 160.°97 2.°7/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.17	+19 23.1	2.379	3.210	10.9	22.1
1 22	10 8.50	+20 22.1	2.308	3.217	8.0	21.9
2 1	10 1.00	+21 24.6	2.264	3.223	4.9	21.7
2 11	9 52.31	+22 24.7	2.250	3.228	2.7	21.6
2 21	9 43.28	+23 16.8	2.266	3.233	4.4	21.7
3 2	9 34.81	+23 56.6	2.311	3.237	7.4	21.9
3 12	9 27.71	+24 21.7	2.384	3.241	10.4	22.1
3 22	9 22.53	+24 32.1	2.480	3.244	12.9	22.3

205301 2000 SG_{271} 2 14.5 86.°97 0.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.58	+ 7 48.1	1.527	2.355	16.1	20.1
1 22	10 8.74	+ 8 37.0	1.464	2.367	12.0	19.8
2 1	10 1.40	+ 9 43.8	1.423	2.380	7.3	19.6
2 11	9 52.45	+11 2.1	1.408	2.392	2.2	19.3
2 21	9 43.06	+12 23.5	1.421	2.404	3.2	19.4
3 2	9 34.53	+13 39.3	1.462	2.416	8.1	19.7
3 12	9 27.95	+14 42.7	1.528	2.428	12.5	20.0
3 22	9 24.01	+15 30.0	1.615	2.440	16.2	20.3

166830 2002 VD_{107} 2 14.5 35.°95 5.°8/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.23	− 4 19.0	1.982	2.749	15.2	19.5
1 22	10 5.83	− 4 40.8	1.906	2.757	12.4	19.3
2 1	9 59.51	− 4 41.9	1.852	2.765	9.4	19.2
2 11	9 51.94	− 4 22.5	1.823	2.774	6.7	19.0
2 21	9 43.99	− 3 44.8	1.820	2.783	5.8	19.0
3 2	9 36.61	− 2 53.8	1.846	2.792	7.4	19.1
3 12	9 30.66	− 1 55.7	1.897	2.802	10.2	19.3
3 22	9 26.72	− 0 56.9	1.972	2.812	13.1	19.5

122115 2000 JE_{12} 2 14.5 253.°54 4.°4/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.13	+20 59.6	1.595	2.442	14.6	20.0
1 22	10 11.73	+22 5.2	1.514	2.429	10.8	19.7
2 1	10 3.43	+23 16.6	1.456	2.415	6.9	19.4
2 11	9 53.06	+24 24.4	1.424	2.401	4.5	19.3
2 21	9 41.88	+25 19.2	1.421	2.386	6.7	19.4
3 2	9 31.40	+25 54.0	1.444	2.371	10.9	19.6
3 12	9 22.98	+26 6.0	1.491	2.356	15.0	19.8
3 22	9 17.53	+25 56.3	1.558	2.340	18.6	20.0

93654 2000 UX_{98} 2 14.5 13.°67 8.°2/20.0 18

1 12	10 11.10	− 6 2.2	1.537	2.312	18.5	18.1
1 22	10 7.00	− 6 57.4	1.465	2.316	15.4	17.9
2 1	10 0.44	− 7 27.1	1.412	2.320	12.1	17.7
2 11	9 52.23	− 7 29.1	1.382	2.325	9.2	17.6
2 21	9 43.47	− 7 4.7	1.376	2.331	8.2	17.5
3 2	9 35.41	− 6 18.6	1.395	2.338	9.7	17.6
3 12	9 29.20	− 5 19.1	1.438	2.346	12.7	17.8
3 22	9 25.54	− 4 15.1	1.503	2.354	15.8	18.0

134304 2716 *P–L* 2 14.5 170.°26 0.°3/14.8 18

1 12	10 15.50	+ 9 25.3	2.022	2.835	13.3	21.1
1 22	10 9.72	+10 1.7	1.943	2.839	9.9	20.9
2 1	10 1.84	+10 50.4	1.888	2.843	6.0	20.6
2 11	9 52.58	+11 46.7	1.862	2.846	1.7	20.3
2 21	9 42.87	+12 45.0	1.866	2.849	2.7	20.4
3 2	9 33.75	+13 39.4	1.900	2.850	6.9	20.7
3 12	9 26.19	+14 25.1	1.961	2.851	10.7	20.9
3 22	9 20.80	+14 59.3	2.046	2.851	14.0	21.1

382741 2003 BC_{24} 2 14.5 32.°52 6.°2/19.8 18

1 12	10 9.62	− 5 2.2	1.781	2.552	16.4	19.8
1 22	10 5.49	− 5 23.2	1.717	2.569	13.5	19.6
2 1	9 59.33	− 5 20.6	1.673	2.586	10.2	19.4
2 11	9 51.90	− 4 54.8	1.654	2.604	7.3	19.3
2 21	9 44.14	− 4 8.9	1.661	2.623	6.3	19.3
3 2	9 37.08	− 3 8.8	1.695	2.643	7.9	19.4
3 12	9 31.61	− 2 1.9	1.754	2.663	10.7	19.6
3 22	9 28.28	− 0 55.4	1.837	2.683	13.6	19.8

500199 2012 HQ_6 2 14.5 310.°35 6.°7/20.1 17

1 12	10 7.70	− 6 59.3	1.606	2.379	17.9	21.3
1 22	10 4.69	− 6 45.8	1.501	2.354	15.0	21.1
2 1	9 59.25	− 6 0.4	1.415	2.330	11.5	20.8
2 11	9 51.98	− 4 41.6	1.353	2.307	8.2	20.5
2 21	9 43.84	− 2 52.8	1.316	2.283	6.7	20.4
3 2	9 36.06	− 0 42.2	1.305	2.260	8.9	20.4
3 12	9 29.88	+ 1 37.6	1.321	2.238	12.8	20.6
3 22	9 26.20	+ 3 54.1	1.359	2.216	16.8	20.8

183314 2002 VJ_{18} 2 14.5 58.°97 4.°4/11.4 18

1 12	10 15.80	+21 58.3	1.631	2.479	14.2	20.3
1 22	10 10.42	+22 54.6	1.568	2.483	10.5	20.1
2 1	10 2.43	+23 53.3	1.529	2.487	6.7	19.9
2 11	9 52.75	+24 45.7	1.516	2.492	4.4	19.8
2 21	9 42.61	+25 24.2	1.531	2.496	6.4	19.9
3 2	9 33.38	+25 43.8	1.573	2.500	10.1	20.1
3 12	9 26.20	+25 43.0	1.639	2.505	13.8	20.4
3 22	9 21.76	+25 23.7	1.725	2.509	17.0	20.6

116046 2003 WZ_{102} 2 14.5 185.°97 1.°2/15.3 18

1 12	10 19.08	+ 9 37.1	1.998	2.806	13.6	19.7
1 22	10 12.38	+ 9 27.8	1.913	2.806	10.3	19.5
2 1	10 3.44	+ 9 28.1	1.853	2.805	6.4	19.3
2 11	9 53.01	+ 9 35.3	1.822	2.804	2.3	19.0
2 21	9 42.11	+ 9 46.0	1.820	2.803	2.8	19.0
3 2	9 31.84	+ 9 56.5	1.849	2.801	7.0	19.3
3 12	9 23.23	+10 3.6	1.905	2.798	10.8	19.5
3 22	9 16.94	+10 5.2	1.984	2.794	14.2	19.7

99257 2001 LT_{12} 2 14.5 282.°20 2.°0/12.5 18

1 12	10 10.18	+14 39.5	2.206	3.039	11.6	19.0
1 22	10 5.94	+15 58.6	2.105	3.015	8.5	18.8
2 1	9 59.72	+17 29.0	2.030	2.991	5.0	18.5
2 11	9 52.06	+19 4.4	1.984	2.967	2.1	18.3
2 21	9 43.75	+20 37.4	1.969	2.943	4.1	18.4
3 2	9 35.74	+22 0.7	1.983	2.918	7.8	18.6
3 12	9 28.98	+23 8.9	2.024	2.894	11.4	18.7
3 22	9 24.17	+23 59.4	2.088	2.869	14.5	18.9

151145 2001 XT_{49} 2 14.5 76.°32 0.°7/14.0 18

1 12	10 13.67	+12 35.4	1.756	2.589	14.1	20.4
1 22	10 8.55	+13 11.7	1.692	2.600	10.4	20.2
2 1	10 1.18	+13 58.3	1.651	2.612	6.1	19.9
2 11	9 52.41	+14 49.5	1.638	2.623	1.6	19.7
2 21	9 43.27	+15 38.9	1.654	2.635	3.3	19.8
3 2	9 34.91	+16 20.7	1.697	2.647	7.7	20.1
3 12	9 28.31	+16 51.0	1.767	2.658	11.6	20.4
3 22	9 24.08	+17 7.9	1.858	2.670	14.9	20.6

115310 2003 SR_{213} 2 14.5 101.°65 0.°5/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.54	+ 9 15.4	2.129	2.946	12.5	20.0
1 22	10 6.68	+ 9 44.0	2.055	2.954	9.3	19.8
2 1	9 59.97	+10 23.9	2.006	2.961	5.7	19.6
2 11	9 52.08	+11 11.1	1.985	2.969	1.7	19.4
2 21	9 43.85	+12 0.6	1.993	2.976	2.5	19.4
3 2	9 36.18	+12 47.3	2.030	2.983	6.4	19.7
3 12	9 29.91	+13 27.0	2.095	2.990	9.9	19.9
3 22	9 25.59	+13 57.0	2.183	2.997	12.9	20.1

88156 2000 XJ_9 2 14.5 71.°80 3.°9/11.8 18

1 12	10 18.61	+22 35.8	1.838	2.676	13.3	18.8
1 22	10 11.93	+23 16.5	1.794	2.704	9.7	18.7
2 1	10 3.03	+23 56.6	1.774	2.731	6.1	18.5
2 11	9 52.85	+24 29.3	1.783	2.758	3.9	18.4
2 21	9 42.56	+24 49.0	1.821	2.785	5.5	18.6
3 2	9 33.33	+24 53.0	1.887	2.812	8.8	18.8
3 12	9 26.07	+24 41.0	1.978	2.838	12.0	19.1
3 22	9 21.29	+24 15.0	2.090	2.865	14.7	19.3

376235 2011 EV_{44} 2 14.5 290.°37 7.°6/ 8.8 18

1 12	10 20.49	+34 6.5	1.957	2.789	12.9	20.1
1 22	10 13.73	+34 57.3	1.891	2.784	10.3	20.0
2 1	10 4.34	+35 38.9	1.849	2.779	8.3	19.8
2 11	9 53.25	+36 2.7	1.834	2.773	7.7	19.8
2 21	9 41.75	+36 2.8	1.846	2.768	9.1	19.9
3 2	9 31.22	+35 37.1	1.885	2.763	11.5	20.0
3 12	9 22.80	+34 47.8	1.947	2.758	14.2	20.2
3 22	9 17.17	+33 39.3	2.029	2.753	16.6	20.3

458275 2010 UN_{36} 2 14.5 338.°17 8.°3/ 9.1 18

1 12	10 17.89	+31 14.6	1.495	2.347	15.1	20.5
1 22	10 12.45	+32 17.8	1.432	2.340	11.9	20.2
2 1	10 3.86	+33 14.0	1.391	2.333	9.2	20.1
2 11	9 53.17	+33 51.9	1.374	2.327	8.3	20.0
2 21	9 41.89	+34 3.4	1.384	2.321	10.1	20.1
3 2	9 31.71	+33 44.9	1.417	2.316	13.3	20.3
3 12	9 24.03	+32 58.4	1.472	2.311	16.6	20.4
3 22	9 19.61	+31 49.3	1.546	2.307	19.6	20.6

364348 2006 UM_{198} 2 14.5 161.°60 3.°2/11.9 18

1 12	10 16.45	+20 20.3	2.071	2.905	12.2	22.2
1 22	10 10.42	+21 12.2	2.001	2.910	8.9	22.0
2 1	10 2.26	+22 7.2	1.957	2.915	5.5	21.8
2 11	9 52.71	+22 58.4	1.942	2.920	3.2	21.7
2 21	9 42.77	+23 39.8	1.956	2.923	4.9	21.8
3 2	9 33.52	+24 7.1	2.000	2.927	8.3	22.0
3 12	9 25.92	+24 18.3	2.070	2.930	11.6	22.2
3 22	9 20.57	+24 14.0	2.161	2.932	14.4	22.4

268097 2004 RM_{258} 2 14.5 23.°16 2.°4/16.5 18

1 12	10 10.80	+ 4 13.4	1.792	2.603	14.8	20.9
1 22	10 6.49	+ 4 32.6	1.714	2.604	11.4	20.7
2 1	10 0.03	+ 5 9.6	1.659	2.606	7.4	20.4
2 11	9 52.14	+ 6 1.2	1.630	2.609	3.5	20.2
2 21	9 43.79	+ 7 2.1	1.629	2.611	3.2	20.2
3 2	9 36.04	+ 8 5.7	1.656	2.614	7.0	20.4
3 12	9 29.88	+ 9 5.3	1.709	2.617	11.0	20.6
3 22	9 25.96	+ 9 56.1	1.786	2.620	14.5	20.9

282309 2002 TY_{71} 2 14.5 82.°99 3.°9/18.0 18

1 12	10 11.56	− 0 7.3	2.208	2.986	13.4	20.2
1 22	10 6.60	− 0 15.2	2.134	2.999	10.6	20.0
2 1	9 59.89	− 0 6.7	2.083	3.011	7.6	19.8
2 11	9 52.07	+ 0 16.8	2.058	3.023	4.7	19.7
2 21	9 43.95	+ 0 52.3	2.063	3.035	4.1	19.7
3 2	9 36.37	+ 1 35.5	2.096	3.048	6.3	19.8
3 12	9 30.12	+ 2 21.3	2.157	3.060	9.3	20.0
3 22	9 25.73	+ 3 5.1	2.242	3.072	12.1	20.2

215722 2004 BZ_{96} 2 14.5 315.°54 0.°6/14.9 17

1 12	10 13.64	+11 11.0	2.036	2.857	12.9	20.0
1 22	10 8.43	+11 4.4	1.947	2.847	9.7	19.8
2 1	10 1.14	+11 6.2	1.881	2.838	5.9	19.5
2 11	9 52.44	+11 13.6	1.844	2.828	1.8	19.2
2 21	9 43.25	+11 23.1	1.836	2.819	2.7	19.3
3 2	9 34.59	+11 31.3	1.856	2.810	6.8	19.5
3 12	9 27.40	+11 35.1	1.904	2.801	10.6	19.7
3 22	9 22.34	+11 32.4	1.974	2.793	13.9	19.9

466810 2015 BD_{99} 2 14.5 37.°51 0.°0/14.5 17

1 12	10 12.23	+11 24.6	1.986	2.812	13.0	21.3
1 22	10 7.36	+11 48.0	1.909	2.813	9.6	21.1
2 1	10 0.47	+12 21.6	1.856	2.815	5.7	20.8
2 11	9 52.26	+13 0.9	1.832	2.816	1.5	20.6
2 21	9 43.63	+13 41.0	1.836	2.818	2.8	20.7
3 2	9 35.61	+14 16.8	1.868	2.820	6.9	20.9
3 12	9 29.09	+14 44.5	1.928	2.822	10.7	21.2
3 22	9 24.68	+15 1.7	2.010	2.824	13.9	21.4

186266 2001 YF_{97} 2 14.5 136.°13 5.°9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.40	+27 35.8	2.057	2.898	12.0	20.3
1 22	10 9.79	+29 7.5	2.001	2.907	9.1	20.1
2 1	10 1.94	+30 36.6	1.971	2.916	6.7	20.0
2 11	9 52.65	+31 54.4	1.970	2.924	6.0	20.0
2 21	9 42.94	+32 53.5	1.996	2.932	7.6	20.1
3 2	9 33.96	+33 29.7	2.051	2.939	10.3	20.3
3 12	9 26.72	+33 42.6	2.129	2.946	13.0	20.4
3 22	9 21.83	+33 34.3	2.227	2.953	15.3	20.6

276249 2002 RF_{192} 2 14.5 195.°42 1.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.75	+16 36.1	1.918	2.749	13.1	21.6
1 22	10 10.82	+17 7.7	1.839	2.748	9.7	21.4
2 1	10 2.59	+17 45.6	1.785	2.746	5.7	21.1
2 11	9 52.83	+18 23.8	1.760	2.743	2.1	20.9
2 21	9 42.59	+18 56.7	1.763	2.740	4.0	21.0
3 2	9 33.01	+19 19.4	1.796	2.737	8.0	21.2
3 12	9 25.15	+19 29.4	1.855	2.734	11.8	21.4
3 22	9 19.68	+19 26.1	1.936	2.730	15.1	21.7

236691 2006 SK_{240} 2 14.5 252.°10 0.°9/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.03	+14 15.6	2.449	3.274	10.8	21.1
1 22	10 6.23	+14 48.7	2.360	3.265	8.0	20.9
2 1	9 59.72	+15 28.6	2.297	3.256	4.7	20.7
2 11	9 52.06	+16 11.3	2.262	3.247	1.4	20.4
2 21	9 43.98	+16 52.2	2.258	3.238	2.9	20.5
3 2	9 36.33	+17 27.2	2.284	3.228	6.4	20.7
3 12	9 29.86	+17 53.1	2.337	3.218	9.6	20.9
3 22	9 25.16	+18 8.4	2.413	3.209	12.4	21.1

123402 2000 WS_{83} 2 14.5 133.°81 1.°7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.47	+ 7 7.4	1.992	2.802	13.6	20.0
1 22	10 8.25	+ 7 12.4	1.913	2.805	10.3	19.8
2 1	10 0.99	+ 7 30.2	1.858	2.808	6.5	19.6
2 11	9 52.41	+ 7 57.9	1.830	2.811	2.7	19.3
2 21	9 43.40	+ 8 31.4	1.831	2.813	2.8	19.4
3 2	9 34.99	+ 9 5.9	1.861	2.816	6.6	19.6
3 12	9 28.09	+ 9 37.0	1.918	2.818	10.4	19.8
3 22	9 23.31	+10 1.3	1.998	2.821	13.6	20.0

501709 2014 UF_{23} 2 14.5 126.°31 2.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.43	+ 3 52.7	1.890	2.693	14.5	21.3
1 22	10 7.56	+ 4 18.0	1.813	2.700	11.1	21.1
2 1	10 0.62	+ 5 0.7	1.760	2.706	7.2	20.9
2 11	9 52.31	+ 5 57.5	1.734	2.713	3.4	20.7
2 21	9 43.58	+ 7 2.9	1.737	2.719	3.1	20.7
3 2	9 35.46	+ 8 10.4	1.769	2.725	6.8	20.9
3 12	9 28.90	+ 9 13.5	1.827	2.731	10.6	21.2
3 22	9 24.51	+10 7.6	1.909	2.736	14.0	21.4

415331 2013 HC_{54} 2 14.5 250.°51 2.°6/16.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.52	+ 4 14.4	1.905	2.705	14.5	22.2
1 22	10 9.34	+ 4 22.1	1.804	2.688	11.3	21.9
2 1	10 1.85	+ 4 46.5	1.726	2.671	7.5	21.7
2 11	9 52.69	+ 5 25.4	1.675	2.653	3.7	21.4
2 21	9 42.80	+ 6 14.8	1.653	2.634	3.4	21.3
3 2	9 33.31	+ 7 8.9	1.660	2.615	7.3	21.5
3 12	9 25.33	+ 8 1.6	1.693	2.595	11.4	21.7
3 22	9 19.63	+ 8 47.7	1.750	2.575	15.1	21.9

496085 2009 SF_{142} 2 14.5 114.°06 1.°0/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.60	+14 4.0	2.012	2.839	12.8	21.9
1 22	10 9.01	+14 35.1	1.944	2.850	9.4	21.7
2 1	10 1.40	+15 13.7	1.901	2.861	5.5	21.5
2 11	9 52.50	+15 54.9	1.886	2.871	1.5	21.3
2 21	9 43.28	+16 33.3	1.901	2.881	3.2	21.4
3 2	9 34.75	+17 4.2	1.945	2.891	7.2	21.7
3 12	9 27.81	+17 24.7	2.016	2.901	10.7	21.9
3 22	9 23.02	+17 33.6	2.109	2.910	13.7	22.1

102433 1999 TL_{209} 2 14.5 101.°97 1.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.27	+16 21.1	1.653	2.486	14.8	19.5
1 22	10 13.56	+16 22.8	1.584	2.493	10.9	19.3
2 1	10 4.25	+16 29.6	1.539	2.500	6.5	19.0
2 11	9 53.28	+16 36.6	1.522	2.506	1.9	18.7
2 21	9 41.91	+16 38.9	1.533	2.513	3.8	18.9
3 2	9 31.50	+16 33.1	1.573	2.520	8.4	19.2
3 12	9 23.19	+16 17.6	1.638	2.526	12.6	19.4
3 22	9 17.65	+15 52.3	1.725	2.533	16.0	19.7

25873 2000 MK_6 2 14.5 159.°54 1.°1/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.90	+ 6 0.0	2.312	3.113	12.2	19.3
1 22	10 6.87	+ 6 46.9	2.231	3.119	9.2	19.1
2 1	10 0.09	+ 7 47.8	2.175	3.125	5.7	18.9
2 11	9 52.16	+ 8 58.6	2.148	3.130	2.1	18.7
2 21	9 43.87	+10 14.0	2.152	3.135	2.4	18.7
3 2	9 36.05	+11 27.9	2.186	3.139	6.0	19.0
3 12	9 29.51	+12 35.1	2.249	3.143	9.4	19.2
3 22	9 24.77	+13 32.0	2.336	3.146	12.3	19.4

434631 2005 VB_{114} 2 14.5 137.°68 4.°7/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.94	− 6 35.1	3.020	3.749	11.3	21.6
1 22	10 4.34	− 6 47.4	2.933	3.756	9.3	21.4
2 1	9 58.44	− 6 44.5	2.870	3.763	7.2	21.3
2 11	9 51.71	− 6 26.5	2.833	3.770	5.4	21.2
2 21	9 44.71	− 5 55.0	2.825	3.776	4.7	21.1
3 2	9 38.05	− 5 13.0	2.847	3.783	5.7	21.2
3 12	9 32.32	− 4 24.4	2.897	3.789	7.6	21.3
3 22	9 27.94	− 3 33.5	2.972	3.794	9.6	21.5

49623 1999 GB_5 2 14.5 4.°82 4.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.54	+19 21.6	1.667	2.523	13.5	16.8
1 22	10 5.09	+20 53.6	1.602	2.523	9.9	16.6
2 1	9 59.32	+22 32.6	1.562	2.524	6.2	16.4
2 11	9 51.99	+24 9.2	1.549	2.526	4.1	16.2
2 21	9 44.17	+25 33.7	1.564	2.528	6.3	16.4
3 2	9 37.03	+26 38.8	1.605	2.531	10.0	16.6
3 12	9 31.65	+27 20.7	1.670	2.536	13.6	16.8
3 22	9 28.70	+27 39.4	1.755	2.540	16.7	17.0

19812 2000 SG_{119} 2 14.5 264.°96 4.°0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.31	− 2 43.9	2.495	3.259	12.5	19.0
1 22	10 4.19	− 2 33.5	2.399	3.253	10.1	18.8
2 1	9 58.50	− 2 5.7	2.327	3.247	7.4	18.6
2 11	9 51.75	− 1 21.6	2.282	3.241	4.9	18.5
2 21	9 44.61	− 0 24.2	2.265	3.235	4.1	18.4
3 2	9 37.82	+ 0 42.2	2.278	3.229	5.9	18.5
3 12	9 32.12	+ 1 51.8	2.319	3.223	8.7	18.7
3 22	9 28.01	+ 2 59.5	2.385	3.217	11.4	18.8

416854 2005 MW_{16} 2 14.6 167.°96 2.°1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.57	+ 4 54.5	2.299	3.091	12.6	22.4
1 22	10 8.82	+ 5 1.4	2.215	3.096	9.6	22.2
2 1	10 1.25	+ 5 21.1	2.156	3.100	6.3	22.0
2 11	9 52.48	+ 5 51.3	2.126	3.103	3.0	21.8
2 21	9 43.34	+ 6 28.4	2.126	3.106	2.8	21.8
3 2	9 34.71	+ 7 8.1	2.155	3.109	6.0	22.0
3 12	9 27.40	+ 7 46.1	2.214	3.110	9.4	22.2
3 22	9 21.99	+ 8 18.9	2.296	3.111	12.3	22.4

63487 2001 OU_{55} 2 14.6 140.°39 0.°7/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.83	+ 9 10.5	2.601	3.408	10.8	19.7
1 22	10 6.61	+ 9 24.7	2.523	3.415	8.1	19.5
2 1	9 59.84	+ 9 47.5	2.470	3.422	5.0	19.4
2 11	9 52.10	+10 16.3	2.446	3.429	1.7	19.1
2 21	9 44.07	+10 47.5	2.453	3.436	2.1	19.2
3 2	9 36.52	+11 17.6	2.491	3.442	5.4	19.4
3 12	9 30.11	+11 43.5	2.556	3.449	8.4	19.6
3 22	9 25.34	+12 3.0	2.647	3.454	11.1	19.8

157185 2004 PX_{89} 2 14.6 214.°52 1.°2/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.01	+14 24.9	2.170	2.989	12.3	21.6
1 22	10 11.65	+15 3.4	2.077	2.978	9.1	21.4
2 1	10 3.09	+15 50.0	2.009	2.967	5.4	21.1
2 11	9 53.02	+16 39.4	1.970	2.954	1.6	20.8
2 21	9 42.35	+17 26.1	1.962	2.941	3.4	20.9
3 2	9 32.15	+18 4.9	1.985	2.926	7.4	21.2
3 12	9 23.43	+18 32.3	2.035	2.911	11.1	21.4
3 22	9 16.90	+18 46.8	2.109	2.894	14.3	21.5

432903 2011 OC_{45} 2 14.6 218.°68 1.°3/13.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.66	+14 3.2	2.721	3.544	9.9	22.0
1 22	10 5.12	+15 9.0	2.632	3.537	7.3	21.8
2 1	9 59.03	+16 22.7	2.570	3.530	4.2	21.6
2 11	9 51.90	+17 39.4	2.539	3.522	1.5	21.4
2 21	9 44.38	+18 53.8	2.538	3.515	3.0	21.5
3 2	9 37.19	+20 0.9	2.569	3.506	6.1	21.7
3 12	9 31.04	+20 57.0	2.627	3.498	9.1	21.8
3 22	9 26.44	+21 40.0	2.710	3.489	11.6	22.0

193579 2001 BS_2 2 14.6 58.°97 2.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 31.52	+12 49.2	1.070	1.905	21.0	19.3
1 22	10 23.12	+11 24.9	1.001	1.907	16.0	19.0
2 1	10 10.52	+10 5.6	0.953	1.910	10.0	18.6
2 11	9 55.06	+ 8 51.0	0.929	1.912	3.8	18.3
2 21	9 38.80	+ 7 41.5	0.933	1.915	4.8	18.4
3 2	9 24.12	+ 6 37.9	0.962	1.918	11.1	18.7
3 12	9 12.89	+ 5 39.8	1.015	1.921	16.8	19.0
3 22	9 6.02	+ 4 45.9	1.087	1.924	21.6	19.4

208331 2001 QN_{111} 2 14.6 23.°39 9.°7/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 30.28	+39 28.0	1.601	2.423	15.7	18.2
1 22	10 20.95	+39 40.3	1.557	2.438	12.9	18.1
2 1	10 8.46	+39 33.5	1.536	2.453	10.6	18.0
2 11	9 54.32	+38 58.7	1.539	2.469	9.7	17.9
2 21	9 40.38	+37 52.7	1.570	2.487	10.8	18.0
3 2	9 28.37	+36 18.4	1.626	2.505	13.1	18.2
3 12	9 19.44	+34 22.8	1.707	2.524	15.7	18.4
3 22	9 14.03	+32 14.5	1.808	2.544	18.0	18.6

370930 2005 QM_{16} 2 14.6 38.°69 6.°2/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.51	−12 38.6	0.915	1.709	26.8	20.3
1 22	10 5.49	−10 24.1	0.851	1.720	22.0	20.0
2 1	10 0.06	− 6 59.0	0.803	1.731	16.1	19.7
2 11	9 52.28	− 2 29.2	0.777	1.744	9.7	19.4
2 21	9 43.75	+ 2 41.7	0.777	1.758	6.3	19.3
3 2	9 36.36	+ 7 57.2	0.805	1.772	10.4	19.5
3 12	9 31.71	+12 41.8	0.858	1.787	16.4	19.9
3 22	9 30.65	+16 34.8	0.933	1.802	21.7	20.3

162466 Margon 2 14.6 231.°49 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.26	+10 45.6	2.350	3.168	11.5	20.4
1 22	10 6.45	+11 13.6	2.262	3.162	8.5	20.2
2 1	9 59.89	+11 51.1	2.199	3.156	5.1	19.9
2 11	9 52.15	+12 34.5	2.165	3.150	1.4	19.7
2 21	9 43.99	+13 19.2	2.161	3.144	2.4	19.7
3 2	9 36.28	+14 0.8	2.187	3.137	6.1	20.0
3 12	9 29.79	+14 35.4	2.240	3.131	9.5	20.2
3 22	9 25.10	+15 0.7	2.317	3.124	12.5	20.3

481827 2008 UY_{300} 2 14.6 270.°87 17.°7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.72	−19 49.8	1.214	1.925	25.7	20.8
1 22	10 11.51	−21 58.2	1.139	1.919	23.4	20.6
2 1	10 3.79	−23 29.5	1.078	1.912	21.1	20.4
2 11	9 53.36	−24 12.4	1.033	1.905	18.9	20.2
2 21	9 41.63	−24 0.0	1.006	1.898	17.7	20.1
3 2	9 30.51	−22 52.9	0.999	1.892	18.0	20.1
3 12	9 21.84	−21 2.1	1.009	1.885	19.6	20.2
3 22	9 16.83	−18 44.0	1.038	1.878	22.1	20.3

263862 2009 DQ_2 2 14.6 281.°01 2.°5/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.00	+15 18.6	1.562	2.408	14.9	20.5
1 22	10 8.63	+16 27.2	1.483	2.399	10.9	20.2
2 1	10 1.59	+17 48.1	1.427	2.390	6.5	20.0
2 11	9 52.68	+19 12.9	1.397	2.381	2.6	19.7
2 21	9 43.04	+20 32.1	1.396	2.371	5.0	19.8
3 2	9 34.06	+21 37.1	1.421	2.362	9.7	20.1
3 12	9 26.99	+22 22.5	1.470	2.353	14.1	20.3
3 22	9 22.66	+22 46.8	1.540	2.344	17.8	20.5

33209 1998 FD_{67} 2 14.6 290.°44 3.°8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.08	− 2 37.3	2.400	3.168	12.8	19.0
1 22	10 4.07	− 2 11.1	2.310	3.167	10.3	18.8
2 1	9 58.45	− 1 26.1	2.243	3.166	7.4	18.6
2 11	9 51.78	− 0 24.0	2.203	3.166	4.7	18.4
2 21	9 44.73	+ 0 51.2	2.193	3.165	3.9	18.4
3 2	9 38.08	+ 2 14.2	2.212	3.165	5.9	18.5
3 12	9 32.56	+ 3 38.5	2.259	3.164	8.8	18.7
3 22	9 28.68	+ 4 58.4	2.332	3.164	11.6	18.8

76502 2000 GV_{26} 2 14.6 108.°61 4.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.63	+26 7.3	2.271	3.107	11.2	19.3
1 22	10 9.67	+26 54.4	2.211	3.117	8.4	19.2
2 1	10 1.75	+27 39.1	2.177	3.127	5.7	19.0
2 11	9 52.64	+28 15.1	2.171	3.137	4.5	19.0
2 21	9 43.26	+28 37.6	2.195	3.146	5.9	19.1
3 2	9 34.59	+28 43.7	2.247	3.155	8.5	19.2
3 12	9 27.50	+28 33.1	2.325	3.164	11.2	19.4
3 22	9 22.53	+28 7.5	2.424	3.173	13.6	19.6

424961 2008 YB_{170} 2 14.6 13.°02 7.°0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.13	+28 26.5	1.428	2.288	15.1	19.8
1 22	10 9.48	+29 15.3	1.379	2.295	11.6	19.6
2 1	10 1.98	+29 58.3	1.352	2.304	8.3	19.4
2 11	9 52.73	+30 26.0	1.351	2.313	7.0	19.4
2 21	9 43.16	+30 31.6	1.374	2.325	8.7	19.5
3 2	9 34.77	+30 12.3	1.422	2.337	12.0	19.7
3 12	9 28.75	+29 29.9	1.491	2.350	15.3	20.0
3 22	9 25.70	+28 28.7	1.580	2.365	18.3	20.2

491619 2012 TL_{91} 2 14.6 41.°37 0.°9/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.69	+13 36.0	2.022	2.855	12.5	21.0
1 22	10 6.16	+14 13.2	1.957	2.866	9.1	20.8
2 1	9 59.73	+14 58.8	1.916	2.877	5.3	20.5
2 11	9 52.12	+15 47.4	1.903	2.888	1.5	20.3
2 21	9 44.19	+16 33.7	1.920	2.900	3.1	20.4
3 2	9 36.91	+17 12.7	1.965	2.912	7.0	20.7
3 12	9 31.10	+17 41.0	2.036	2.924	10.5	20.9
3 22	9 27.30	+17 57.0	2.130	2.937	13.4	21.2

52820 1998 RS_2 2 14.6 235.°24 1.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.15	+14 5.2	1.733	2.563	14.3	19.8
1 22	10 11.53	+14 50.8	1.642	2.550	10.6	19.6
2 1	10 3.29	+15 47.6	1.576	2.536	6.3	19.3
2 11	9 53.15	+16 49.3	1.537	2.522	1.9	19.0
2 21	9 42.23	+17 48.2	1.527	2.506	4.1	19.1
3 2	9 31.87	+18 37.3	1.546	2.490	8.8	19.3
3 12	9 23.31	+19 11.8	1.590	2.473	13.2	19.5
3 22	9 17.40	+19 30.0	1.656	2.456	16.9	19.7

461975 2006 UD_{334} 2 14.6 66.°31 0.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.38	+12 39.8	1.614	2.450	15.0	21.8
1 22	10 9.32	+13 12.3	1.548	2.458	11.0	21.6
2 1	10 1.80	+13 56.0	1.505	2.466	6.5	21.3
2 11	9 52.70	+14 44.9	1.488	2.474	1.7	21.0
2 21	9 43.16	+15 32.2	1.500	2.482	3.5	21.2
3 2	9 34.45	+16 11.7	1.539	2.490	8.2	21.5
3 12	9 27.65	+16 39.1	1.603	2.498	12.4	21.8
3 22	9 23.42	+16 52.7	1.689	2.506	15.9	22.0

496516 2014 UG_{198} 2 14.6 103.°42 7.°8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.74	−10 46.9	1.972	2.697	16.6	21.2
1 22	10 7.75	−11 12.8	1.898	2.711	14.0	21.1
2 1	10 0.73	−11 13.2	1.843	2.724	11.3	20.9
2 11	9 52.40	−10 47.0	1.813	2.737	8.9	20.8
2 21	9 43.67	− 9 56.2	1.808	2.749	7.8	20.7
3 2	9 35.55	− 8 45.9	1.831	2.762	8.7	20.8
3 12	9 28.95	− 7 23.7	1.880	2.774	10.9	21.0
3 22	9 24.47	− 5 57.9	1.952	2.786	13.5	21.2

201454 2003 FM_{74} 2 14.6 260.°87 4.°7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.96	+ 1 3.3	1.590	2.388	16.9	20.1
1 22	10 10.01	+ 0 44.4	1.500	2.378	13.5	19.8
2 1	10 2.41	+ 0 45.9	1.431	2.367	9.5	19.6
2 11	9 52.93	+ 1 7.4	1.387	2.356	5.8	19.3
2 21	9 42.65	+ 1 45.9	1.369	2.345	5.1	19.3
3 2	9 32.92	+ 2 35.6	1.379	2.334	8.4	19.4
3 12	9 25.02	+ 3 29.0	1.414	2.323	12.7	19.6
3 22	9 19.80	+ 4 19.4	1.470	2.311	16.7	19.8

281758 2009 BP_{120} 2 14.6 283.°95 0.°6/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.16	+13 5.5	2.315	3.140	11.4	21.6
1 22	10 6.55	+13 37.2	2.214	3.118	8.5	21.4
2 1	10 0.05	+14 17.5	2.137	3.097	5.0	21.1
2 11	9 52.25	+15 2.4	2.090	3.075	1.3	20.8
2 21	9 43.89	+15 47.2	2.072	3.053	2.8	20.9
3 2	9 35.88	+16 26.9	2.084	3.031	6.7	21.1
3 12	9 29.09	+16 57.9	2.122	3.008	10.2	21.3
3 22	9 24.14	+17 18.0	2.184	2.986	13.3	21.4

263707 2008 HV_{30} 2 14.6 311.°78 5.°3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.04	− 0 40.3	1.648	2.442	16.6	20.9
1 22	10 7.74	− 1 3.9	1.558	2.431	13.4	20.7
2 1	10 1.00	− 1 6.6	1.490	2.421	9.8	20.4
2 11	9 52.54	− 0 48.0	1.446	2.411	6.4	20.2
2 21	9 43.37	− 0 10.9	1.428	2.401	5.5	20.1
3 2	9 34.73	+ 0 39.5	1.438	2.392	8.3	20.3
3 12	9 27.79	+ 1 35.8	1.472	2.383	12.2	20.5
3 22	9 23.33	+ 2 30.9	1.528	2.374	15.9	20.7

20150 1996 TJ_6 2 14.6 249.°48 5.°2/18.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.50	− 1 47.0	1.881	2.656	15.6	18.8
1 22	10 9.38	− 2 2.9	1.780	2.641	12.6	18.6
2 1	10 1.93	− 1 58.7	1.700	2.624	9.3	18.4
2 11	9 52.79	− 1 34.1	1.646	2.607	6.2	18.1
2 21	9 42.89	− 0 51.6	1.620	2.590	5.3	18.1
3 2	9 33.38	+ 0 4.1	1.622	2.572	7.9	18.2
3 12	9 25.38	+ 1 6.1	1.650	2.554	11.6	18.3
3 22	9 19.67	+ 2 7.5	1.702	2.535	15.1	18.5

485045 2010 AO_{81} 2 14.6 298.°42 4.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.22	+21 4.9	1.337	2.193	16.3	21.3
1 22	10 12.27	+21 53.1	1.259	2.179	12.2	21.0
2 1	10 4.02	+22 46.6	1.203	2.164	7.7	20.7
2 11	9 53.39	+23 35.6	1.172	2.150	4.7	20.5
2 21	9 41.85	+24 10.3	1.167	2.136	7.0	20.6
3 2	9 31.17	+24 23.9	1.186	2.123	11.8	20.8
3 12	9 22.94	+24 14.1	1.228	2.109	16.4	21.1
3 22	9 18.10	+23 43.1	1.289	2.096	20.5	21.3

8915 Sawaishujiro 2 14.6 299.°28 1.°3/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.45	+ 6 43.0	3.057	3.856	9.6	17.5
1 22	10 3.30	+ 6 55.9	2.965	3.852	7.3	17.3
2 1	9 57.87	+ 7 17.8	2.900	3.847	4.6	17.1
2 11	9 51.62	+ 7 46.7	2.863	3.843	2.0	16.9
2 21	9 45.10	+ 8 19.7	2.857	3.839	2.0	16.9
3 2	9 38.88	+ 8 53.8	2.881	3.835	4.6	17.1
3 12	9 33.55	+ 9 26.0	2.934	3.831	7.3	17.3
3 22	9 29.52	+ 9 53.6	3.012	3.827	9.7	17.4

501366 2013 YS_{42} 2 14.6 82.°84 0.°7/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.18	+10 35.5	2.306	3.118	11.9	21.1
1 22	10 8.44	+10 34.4	2.236	3.132	8.8	20.9
2 1	10 0.98	+10 41.3	2.191	3.145	5.4	20.7
2 11	9 52.45	+10 53.3	2.175	3.159	1.7	20.5
2 21	9 43.67	+11 7.3	2.190	3.173	2.3	20.6
3 2	9 35.51	+11 19.9	2.234	3.186	5.9	20.8
3 12	9 28.72	+11 28.6	2.306	3.199	9.2	21.1
3 22	9 23.80	+11 31.4	2.402	3.213	12.0	21.3

475627 2006 UN_{199} 2 14.6 131.°88 13.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.77	−19 33.1	1.184	1.903	25.8	21.6
1 22	10 9.78	−19 41.5	1.112	1.910	22.8	21.4
2 1	10 2.54	−18 58.8	1.054	1.917	19.3	21.2
2 11	9 52.99	−17 18.8	1.014	1.923	15.8	21.0
2 21	9 42.62	−14 43.6	0.995	1.929	13.4	20.9
3 2	9 33.18	−11 25.5	0.999	1.935	13.5	20.9
3 12	9 26.25	− 7 46.1	1.027	1.940	16.0	21.1
3 22	9 22.73	− 4 8.3	1.078	1.944	19.6	21.3

138174 2000 EV_{103} 2 14.6 313.°33 3.°3/16.7 18

1 12	10 11.49	+ 4 9.4	1.517	2.336	16.6	19.7
1 22	10 7.59	+ 4 4.5	1.424	2.318	13.0	19.5
2 1	10 1.05	+ 4 19.1	1.353	2.300	8.7	19.2
2 11	9 52.59	+ 4 51.6	1.306	2.283	4.5	18.9
2 21	9 43.29	+ 5 37.7	1.285	2.266	4.0	18.8
3 2	9 34.50	+ 6 30.7	1.290	2.250	8.4	19.0
3 12	9 27.52	+ 7 23.2	1.320	2.234	13.1	19.2
3 22	9 23.23	+ 8 8.6	1.371	2.219	17.3	19.4

455746 2005 JM_{85} 2 14.6 286.°92 0.°1/14.7 17

1 12	10 13.47	+10 25.2	1.651	2.481	14.9	21.5
1 22	10 8.96	+10 53.1	1.553	2.460	11.3	21.2
2 1	10 1.84	+11 35.6	1.479	2.438	6.9	20.9
2 11	9 52.80	+12 28.3	1.431	2.416	1.9	20.5
2 21	9 42.91	+13 24.7	1.411	2.394	3.3	20.6
3 2	9 33.46	+14 17.3	1.418	2.372	8.4	20.8
3 12	9 25.74	+15 0.2	1.451	2.350	13.2	21.0
3 22	9 20.65	+15 29.5	1.504	2.328	17.2	21.2

377330 2004 OK_3 2 14.6 205.°74 2.°0/16.2 17

1 12	10 15.45	+ 5 55.5	2.522	3.312	11.7	21.8
1 22	10 9.42	+ 5 50.6	2.426	3.306	8.9	21.6
2 1	10 1.64	+ 5 56.0	2.356	3.299	5.8	21.4
2 11	9 52.67	+ 6 10.1	2.314	3.292	2.8	21.2
2 21	9 43.26	+ 6 30.2	2.303	3.284	2.7	21.2
3 2	9 34.27	+ 6 53.1	2.324	3.275	5.7	21.4
3 12	9 26.47	+ 7 15.2	2.373	3.266	9.0	21.6
3 22	9 20.44	+ 7 33.8	2.447	3.256	11.8	21.7

55215 2001 RG_{54} 2 14.6 183.°31 0.°7/14.0 18

1 12	10 13.83	+12 35.4	1.910	2.737	13.3	19.5
1 22	10 8.69	+13 11.3	1.832	2.738	9.8	19.2
2 1	10 1.37	+13 57.5	1.778	2.738	5.8	19.0
2 11	9 52.61	+14 48.6	1.753	2.738	1.5	18.7
2 21	9 43.38	+15 38.7	1.756	2.737	3.2	18.8
3 2	9 34.77	+16 22.0	1.788	2.737	7.5	19.1
3 12	9 27.75	+16 54.5	1.847	2.736	11.3	19.3
3 22	9 22.99	+17 14.2	1.928	2.735	14.6	19.5

371977 2008 GN_{40} 2 14.6 206.°68 0.°1/14.5 16

1 12	10 12.86	+10 36.7	2.131	2.949	12.5	22.2
1 22	10 7.82	+11 18.3	2.045	2.945	9.3	22.0
2 1	10 0.81	+12 11.3	1.984	2.941	5.5	21.8
2 11	9 52.47	+13 11.0	1.951	2.936	1.5	21.5
2 21	9 43.64	+14 11.9	1.949	2.931	2.7	21.6
3 2	9 35.29	+15 8.1	1.976	2.925	6.8	21.8
3 12	9 28.34	+15 55.0	2.030	2.919	10.5	22.0
3 22	9 23.40	+16 30.0	2.108	2.913	13.6	22.2

425887 2011 FJ_{36} 2 14.6 92.°21 3.°4/11.6 18

1 12	10 13.55	+20 32.3	2.010	2.851	12.2	20.7
1 22	10 8.37	+21 29.9	1.947	2.859	9.0	20.5
2 1	10 1.11	+22 30.5	1.909	2.868	5.5	20.3
2 11	9 52.53	+23 27.2	1.899	2.876	3.4	20.2
2 21	9 43.59	+24 13.6	1.918	2.884	5.1	20.3
3 2	9 35.35	+24 45.2	1.965	2.892	8.4	20.6
3 12	9 28.73	+25 0.1	2.038	2.900	11.7	20.8
3 22	9 24.30	+24 58.6	2.132	2.908	14.4	21.0

426969 2013 YM_{112} 2 14.6 263.°88 4.°6/ 9.7 18

1 12	10 11.68	+25 25.9	2.362	3.203	10.6	20.5
1 22	10 6.91	+26 36.1	2.288	3.197	8.0	20.3
2 1	10 0.24	+27 46.3	2.241	3.192	5.5	20.1
2 11	9 52.31	+28 49.6	2.223	3.187	4.6	20.1
2 21	9 43.95	+29 40.1	2.234	3.181	6.1	20.1
3 2	9 36.10	+30 13.6	2.273	3.176	8.7	20.3
3 12	9 29.61	+30 28.5	2.337	3.170	11.4	20.5
3 22	9 25.08	+30 25.7	2.422	3.164	13.8	20.6

203400 2001 XR_{163} 2 14.6 355.°82 0.°2/14.5 18

1 12	10 11.85	+10 26.0	1.240	2.090	17.7	19.8
1 22	10 8.15	+11 3.3	1.171	2.087	13.2	19.5
2 1	10 1.46	+11 58.9	1.123	2.085	7.9	19.2
2 11	9 52.70	+13 6.0	1.099	2.084	2.1	18.8
2 21	9 43.24	+14 15.2	1.100	2.083	3.9	19.0
3 2	9 34.66	+15 17.0	1.126	2.083	9.6	19.3
3 12	9 28.37	+16 3.9	1.175	2.084	14.8	19.6
3 22	9 25.19	+16 32.6	1.243	2.085	19.1	19.8

238089 2003 GA_{35} 2 14.6 252.°97 0.°6/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+10 56.8	1.651	2.482	14.9	20.9
1 22	10 9.44	+11 49.0	1.561	2.468	11.1	20.6
2 1	10 2.09	+12 57.1	1.495	2.454	6.7	20.3
2 11	9 52.88	+14 14.9	1.455	2.440	1.7	20.0
2 21	9 42.87	+15 34.1	1.444	2.425	3.6	20.1
3 2	9 33.38	+16 46.3	1.460	2.410	8.7	20.3
3 12	9 25.67	+17 44.7	1.502	2.395	13.2	20.6
3 22	9 20.60	+18 26.0	1.566	2.379	17.2	20.8

219145 1999 BY_{20} 2 14.6 335.°38 4.°6/16.6 18

1 12	10 14.92	+ 5 17.3	1.358	2.182	17.9	18.5
1 22	10 10.36	+ 4 16.7	1.271	2.167	14.1	18.2
2 1	10 2.82	+ 3 30.4	1.206	2.152	9.7	17.9
2 11	9 53.10	+ 2 59.1	1.164	2.139	5.6	17.6
2 21	9 42.47	+ 2 41.9	1.148	2.126	5.3	17.6
3 2	9 32.51	+ 2 36.1	1.157	2.115	9.4	17.8
3 12	9 24.67	+ 2 36.6	1.190	2.104	14.1	18.0
3 22	9 19.91	+ 2 38.4	1.243	2.095	18.4	18.2

345699 2006 UZ_{250} 2 14.6 15.°81 0.°4/14.9 18

1 12	10 9.47	+10 14.6	1.743	2.577	14.1	20.6
1 22	10 5.53	+10 32.7	1.677	2.585	10.5	20.4
2 1	9 59.49	+11 2.9	1.634	2.593	6.3	20.1
2 11	9 52.11	+11 40.7	1.618	2.602	1.9	19.8
2 21	9 44.37	+12 20.8	1.629	2.612	2.8	19.9
3 2	9 37.33	+12 57.6	1.667	2.623	7.2	20.2
3 12	9 31.93	+13 26.7	1.731	2.635	11.1	20.5
3 22	9 28.73	+13 45.4	1.818	2.648	14.4	20.7

224220 2005 SL_{46} 2 14.6 232.°84 3.°9/11.3 17

1 12	10 18.07	+23 31.4	2.263	3.093	11.4	22.0
1 22	10 11.71	+24 15.2	2.174	3.079	8.5	21.8
2 1	10 3.17	+24 59.6	2.111	3.065	5.6	21.6
2 11	9 53.13	+25 38.2	2.078	3.050	3.9	21.5
2 21	9 42.55	+26 5.4	2.074	3.034	5.4	21.5
3 2	9 32.49	+26 17.3	2.100	3.017	8.5	21.7
3 12	9 23.95	+26 12.5	2.152	3.000	11.7	21.9
3 22	9 17.63	+25 52.3	2.226	2.982	14.5	22.0

427309 2014 WW_{280} 2 14.6 156.°53 2.°2/12.4 18

1 12	10 15.00	+17 33.8	2.373	3.199	11.1	21.6
1 22	10 9.16	+18 32.4	2.302	3.208	8.1	21.4
2 1	10 1.49	+19 35.8	2.258	3.217	4.8	21.2
2 11	9 52.65	+20 38.3	2.243	3.224	2.3	21.1
2 21	9 43.46	+21 34.1	2.260	3.231	3.9	21.2
3 2	9 34.83	+22 18.7	2.307	3.238	7.1	21.4
3 12	9 27.57	+22 49.6	2.381	3.243	10.2	21.6
3 22	9 22.24	+23 6.1	2.478	3.248	12.8	21.8

201913 2004 BF_{116} 2 14.6 54.°13 3.°9/10.8 18

1 12	10 11.43	+21 24.1	2.026	2.871	12.0	19.8
1 22	10 6.86	+22 39.8	1.964	2.878	8.8	19.7
2 1	10 0.25	+23 58.4	1.928	2.886	5.6	19.5
2 11	9 52.33	+25 12.3	1.920	2.894	3.9	19.4
2 21	9 44.04	+26 14.4	1.941	2.901	5.7	19.5
3 2	9 36.39	+26 59.7	1.990	2.910	8.8	19.7
3 12	9 30.29	+27 26.0	2.064	2.918	11.9	19.9
3 22	9 26.34	+27 33.6	2.159	2.926	14.5	20.1

491146 2011 SM_{181} 2 14.6 224.°57 1.°6/15.8 17

1 12	10 16.62	+ 6 46.3	1.911	2.716	14.2	22.8
1 22	10 10.89	+ 7 1.6	1.815	2.705	10.9	22.5
2 1	10 2.81	+ 7 31.7	1.743	2.693	6.9	22.3
2 11	9 53.07	+ 8 13.4	1.699	2.680	2.8	22.0
2 21	9 42.65	+ 9 1.9	1.684	2.667	3.0	22.0
3 2	9 32.69	+ 9 51.4	1.699	2.652	7.3	22.2
3 12	9 24.31	+10 36.4	1.740	2.637	11.4	22.4
3 22	9 18.27	+11 12.7	1.805	2.621	15.1	22.6

465953 2011 BK_{49} 2 14.6 129.°14 3.°0/12.2 18

1 12	10 15.29	+19 49.5	1.984	2.821	12.5	21.2
1 22	10 9.69	+20 30.5	1.914	2.825	9.2	21.0
2 1	10 1.93	+21 14.7	1.870	2.830	5.6	20.8
2 11	9 52.79	+21 55.9	1.854	2.834	3.0	20.6
2 21	9 43.26	+22 28.2	1.867	2.838	4.7	20.7
3 2	9 34.43	+22 47.4	1.909	2.841	8.3	20.9
3 12	9 27.28	+22 51.7	1.976	2.845	11.7	21.2
3 22	9 22.40	+22 41.6	2.065	2.848	14.6	21.4

15966 1998 DL_{13} 2 14.6 61.°16 0.°7/13.9 18

1 12	10 10.33	+12 12.4	2.110	2.938	12.2	17.4
1 22	10 5.86	+13 2.7	2.045	2.951	8.9	17.2
2 1	9 59.57	+14 2.5	2.005	2.965	5.2	17.0
2 11	9 52.14	+15 6.5	1.993	2.978	1.4	16.8
2 21	9 44.41	+16 8.7	2.011	2.992	2.9	16.9
3 2	9 37.28	+17 3.8	2.058	3.005	6.7	17.2
3 12	9 31.54	+17 47.7	2.132	3.019	10.1	17.4
3 22	9 27.73	+18 18.4	2.229	3.033	13.0	17.6

423171 2004 FS_{94} 2 14.6 358.°05 6.°7/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.08	+25 56.4	1.544	2.400	14.4	20.7
1 22	10 9.54	+27 33.2	1.484	2.399	10.9	20.4
2 1	10 2.18	+29 10.3	1.447	2.399	7.8	20.3
2 11	9 52.92	+30 35.9	1.437	2.398	6.8	20.2
2 21	9 43.06	+31 40.2	1.453	2.398	8.9	20.3
3 2	9 34.08	+32 16.8	1.494	2.399	12.3	20.5
3 12	9 27.26	+32 24.9	1.557	2.399	15.7	20.7
3 22	9 23.35	+32 7.5	1.639	2.400	18.7	20.9

247740 2003 LY_3 2 14.6 213.°28 9.°8/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.53	−16 56.3	2.301	2.964	16.0	21.0
1 22	10 10.63	−17 54.5	2.199	2.955	14.2	20.9
2 1	10 2.59	−18 29.2	2.117	2.945	12.3	20.7
2 11	9 53.03	−18 36.8	2.058	2.934	10.6	20.6
2 21	9 42.78	−18 15.8	2.025	2.922	9.8	20.5
3 2	9 32.86	−17 28.4	2.018	2.909	10.3	20.5
3 12	9 24.24	−16 20.2	2.037	2.896	11.8	20.6
3 22	9 17.66	−14 58.9	2.079	2.881	13.9	20.7

288750 2004 RD_{66} 2 14.6 124.°79 2.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.86	+ 4 11.4	1.666	2.474	15.9	21.0
1 22	10 9.62	+ 4 41.9	1.595	2.485	12.2	20.8
2 1	10 2.00	+ 5 31.9	1.548	2.495	7.8	20.6
2 11	9 52.85	+ 6 37.1	1.526	2.506	3.5	20.3
2 21	9 43.23	+ 7 50.8	1.533	2.516	3.2	20.4
3 2	9 34.37	+ 9 5.3	1.569	2.525	7.5	20.6
3 12	9 27.33	+10 13.3	1.630	2.534	11.6	20.9
3 22	9 22.77	+11 9.7	1.715	2.543	15.2	21.1

108673 2001 OT_4 2 14.6 181.°46 1.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.89	+ 6 31.6	2.351	3.149	12.1	20.7
1 22	10 8.38	+ 6 54.5	2.264	3.150	9.2	20.5
2 1	10 1.08	+ 7 29.7	2.203	3.151	5.8	20.3
2 11	9 52.59	+ 8 14.2	2.170	3.151	2.3	20.0
2 21	9 43.69	+ 9 3.6	2.168	3.150	2.4	20.0
3 2	9 35.26	+ 9 53.3	2.196	3.149	5.9	20.3
3 12	9 28.10	+10 38.7	2.252	3.147	9.3	20.5
3 22	9 22.78	+11 16.7	2.333	3.144	12.3	20.7

429243 2010 AF_{86} 2 14.6 306.°79 2.°3/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.80	+18 37.4	2.054	2.890	12.2	20.9
1 22	10 8.64	+19 3.2	1.971	2.882	9.0	20.7
2 1	10 1.36	+19 32.9	1.913	2.873	5.4	20.4
2 11	9 52.68	+20 1.3	1.883	2.864	2.4	20.2
2 21	9 43.53	+20 23.4	1.882	2.856	4.1	20.3
3 2	9 34.95	+20 35.0	1.909	2.848	7.8	20.5
3 12	9 27.90	+20 34.2	1.963	2.840	11.3	20.7
3 22	9 23.02	+20 20.7	2.038	2.832	14.4	20.9

472683 2015 EN_{62} 2 14.6 278.°07 2.°7/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.40	+20 48.6	2.339	3.170	11.1	21.0
1 22	10 9.66	+21 9.7	2.245	3.153	8.2	20.8
2 1	10 1.92	+21 32.3	2.178	3.136	5.1	20.6
2 11	9 52.84	+21 51.6	2.139	3.118	2.7	20.4
2 21	9 43.26	+22 3.2	2.131	3.101	4.2	20.5
3 2	9 34.16	+22 4.0	2.152	3.084	7.5	20.6
3 12	9 26.45	+21 52.4	2.199	3.066	10.7	20.8
3 22	9 20.76	+21 28.9	2.270	3.049	13.6	21.0

307603 2003 QE_{37} 2 14.6 108.°77 2.°9/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 19.12	+18 53.8	1.654	2.493	14.5	20.4
1 22	10 12.78	+19 29.8	1.593	2.505	10.6	20.2
2 1	10 3.88	+20 9.8	1.557	2.517	6.4	20.0
2 11	9 53.36	+20 46.8	1.547	2.528	3.0	19.8
2 21	9 42.48	+21 14.2	1.566	2.539	5.0	19.9
3 2	9 32.58	+21 27.6	1.612	2.550	9.1	20.2
3 12	9 24.77	+21 25.3	1.684	2.561	12.9	20.4
3 22	9 19.69	+21 8.3	1.777	2.571	16.2	20.7

1609 Brenda 2 14.6 160.°13 4.°8/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.42	+25 8.4	2.347	3.181	10.9	15.5
1 22	10 9.66	+26 43.0	2.283	3.189	8.2	15.4
2 1	10 1.91	+28 17.6	2.248	3.196	5.7	15.2
2 11	9 52.84	+29 44.2	2.242	3.202	4.8	15.2
2 21	9 43.34	+30 56.0	2.266	3.208	6.4	15.3
3 2	9 34.40	+31 48.4	2.319	3.212	9.0	15.5
3 12	9 26.93	+32 19.7	2.398	3.217	11.6	15.6
3 22	9 21.53	+32 31.2	2.498	3.220	13.9	15.8

519793 2013 GS_{109} 2 14.6 254.°91 2.°6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.66	+15 48.0	1.698	2.539	14.1	21.4
1 22	10 9.00	+16 58.3	1.616	2.530	10.4	21.1
2 1	10 1.83	+18 19.7	1.558	2.520	6.2	20.8
2 11	9 52.88	+19 44.2	1.527	2.510	2.7	20.6
2 21	9 43.23	+21 2.9	1.525	2.499	4.9	20.7
3 2	9 34.17	+22 7.6	1.551	2.489	9.3	21.0
3 12	9 26.88	+22 53.4	1.601	2.478	13.4	21.2
3 22	9 22.17	+23 19.0	1.672	2.467	17.0	21.4

390539 1999 TV_{53} 2 14.6 166.°07 1.°2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.26	+13 55.6	1.593	2.424	15.4	21.7
1 22	10 13.08	+14 28.5	1.521	2.429	11.3	21.4
2 1	10 4.19	+15 11.6	1.472	2.432	6.7	21.2
2 11	9 53.49	+15 58.4	1.451	2.435	1.9	20.9
2 21	9 42.24	+16 41.9	1.457	2.438	3.9	21.0
3 2	9 31.84	+17 15.7	1.492	2.440	8.8	21.3
3 12	9 23.52	+17 36.0	1.553	2.441	13.1	21.6
3 22	9 18.03	+17 42.0	1.634	2.442	16.8	21.8

366937 2005 VH_6 2 14.6 120.°33 4.°9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.44	− 4 16.8	2.392	3.138	13.4	21.2
1 22	10 8.63	− 4 27.6	2.319	3.159	10.9	21.0
2 1	10 1.15	− 4 20.6	2.270	3.178	8.1	20.9
2 11	9 52.62	− 3 56.4	2.247	3.197	5.7	20.7
2 21	9 43.82	− 3 17.8	2.254	3.215	4.9	20.7
3 2	9 35.57	− 2 28.7	2.290	3.233	6.4	20.8
3 12	9 28.62	− 1 34.6	2.354	3.250	8.9	21.0
3 22	9 23.47	− 0 40.4	2.444	3.266	11.4	21.2

162080 1998 DG_{16} 2 14.6 138.°87 28.°5/17.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	13 58.94	+42 53.6	0.274	1.065	65.6	19.5
1 22	13 17.14	+47 39.0	0.248	1.108	54.3	19.1
2 1	12 3.37	+51 32.7	0.228	1.144	41.5	18.6
2 11	10 23.35	+50 31.5	0.224	1.173	30.8	18.3
2 21	9 1.05	+43 28.7	0.244	1.195	29.3	18.5
3 2	8 15.69	+34 42.1	0.286	1.209	35.6	19.0
3 12	7 55.74	+27 12.9	0.341	1.217	42.7	19.6
3 22	7 49.85	+21 26.1	0.404	1.217	48.5	20.2

506309 2017 OU 2 14.6 208.°59 4.°3/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.19	− 3 5.9	2.665	3.413	12.1	22.6
1 22	10 7.77	− 3 12.9	2.563	3.405	9.9	22.4
2 1	10 0.71	− 3 4.3	2.485	3.397	7.3	22.3
2 11	9 52.54	− 2 40.5	2.434	3.388	5.0	22.1
2 21	9 43.93	− 2 3.4	2.414	3.378	4.3	22.0
3 2	9 35.64	− 1 16.7	2.423	3.368	6.0	22.1
3 12	9 28.41	− 0 24.8	2.462	3.357	8.6	22.3
3 22	9 22.80	+ 0 27.6	2.526	3.345	11.2	22.4

460132 2014 PN_{44} 2 14.6 197.°15 4.°1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.40	+ 0 36.2	1.822	2.609	15.6	21.8
1 22	10 10.01	+ 0 31.7	1.735	2.607	12.3	21.6
2 1	10 2.30	+ 0 46.6	1.671	2.604	8.7	21.4
2 11	9 53.01	+ 1 19.6	1.632	2.601	5.2	21.2
2 21	9 43.11	+ 2 7.2	1.622	2.598	4.4	21.1
3 2	9 33.78	+ 3 3.6	1.640	2.593	7.5	21.3
3 12	9 26.07	+ 4 2.0	1.684	2.589	11.3	21.5
3 22	9 20.73	+ 4 56.3	1.752	2.584	14.8	21.7

297316 1999 HV_7 2 14.6 359.°15 3.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.70	+18 15.5	1.171	2.036	17.4	20.1
1 22	10 9.77	+19 3.1	1.108	2.033	12.9	19.8
2 1	10 2.56	+19 59.4	1.066	2.031	7.8	19.5
2 11	9 53.12	+20 54.6	1.048	2.030	3.8	19.3
2 21	9 42.99	+21 38.4	1.055	2.031	6.3	19.4
3 2	9 33.93	+22 3.3	1.086	2.032	11.4	19.7
3 12	9 27.45	+22 6.1	1.138	2.034	16.3	20.0
3 22	9 24.34	+21 47.9	1.209	2.037	20.3	20.3

3805 Goldreich 2 14.6 109.°91 1.°5/15.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.33	+ 8 16.5	2.080	2.885	13.3	17.4
1 22	10 10.94	+ 8 11.4	2.012	2.902	10.0	17.2
2 1	10 2.59	+ 8 16.9	1.968	2.918	6.2	17.0
2 11	9 53.03	+ 8 30.1	1.953	2.934	2.4	16.8
2 21	9 43.19	+ 8 47.7	1.967	2.950	2.7	16.8
3 2	9 34.06	+ 9 5.9	2.012	2.965	6.4	17.1
3 12	9 26.52	+ 9 21.1	2.084	2.980	9.9	17.3
3 22	9 21.09	+ 9 31.1	2.181	2.995	12.9	17.5

68378 2001 PK_{37} 2 14.6 99.°37 8.°2/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 21.01	+34 19.7	1.857	2.691	13.4	19.2
1 22	10 14.17	+35 38.6	1.815	2.707	10.7	19.0
2 1	10 4.69	+36 47.1	1.797	2.723	8.7	18.9
2 11	9 53.60	+37 35.7	1.806	2.739	8.3	18.9
2 21	9 42.24	+37 58.1	1.842	2.755	9.7	19.1
3 2	9 32.02	+37 52.3	1.903	2.770	12.0	19.2
3 12	9 24.06	+37 20.9	1.987	2.785	14.5	19.4
3 22	9 18.94	+36 29.0	2.090	2.799	16.6	19.6

156559 2002 EX_{51} 2 14.6 107.°62 0.°2/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.99	+ 9 30.5	1.972	2.793	13.2	20.2
1 22	10 7.26	+10 12.6	1.899	2.800	9.8	20.0
2 1	10 0.53	+11 7.3	1.849	2.806	5.9	19.7
2 11	9 52.51	+12 9.8	1.828	2.813	1.7	19.5
2 21	9 44.08	+13 13.9	1.836	2.819	2.7	19.6
3 2	9 36.25	+14 13.6	1.873	2.825	6.9	19.8
3 12	9 29.91	+15 3.8	1.936	2.831	10.6	20.1
3 22	9 25.66	+15 41.6	2.023	2.837	13.8	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
249127	2007 YR_{19}		2 14.6	312.°69	7.°2/19.9	17
	h m	° ′			°	m
1 12	10 12.02	− 7 37.3	2.212	2.949	14.6	20.1
1 22	10 7.29	− 8 33.8	2.112	2.936	12.4	19.9
2 1	10 0.61	− 9 12.0	2.034	2.923	10.0	19.7
2 11	9 52.56	− 9 29.8	1.982	2.910	8.0	19.6
2 21	9 43.92	− 9 26.9	1.955	2.897	7.3	19.5
3 2	9 35.61	− 9 5.5	1.956	2.885	8.4	19.5
3 12	9 28.56	− 8 30.2	1.984	2.873	10.7	19.7
3 22	9 23.41	− 7 46.9	2.034	2.861	13.2	19.8
140916	2001 VN_{62}		2 14.6	122.°43	3.°6/11.0	18
1 12	10 13.53	+23 53.0	2.544	3.378	10.2	20.0
1 22	10 8.03	+24 40.1	2.480	3.388	7.5	19.9
2 1	10 0.82	+25 26.6	2.443	3.397	4.9	19.7
2 11	9 52.56	+26 7.3	2.435	3.406	3.6	19.6
2 21	9 44.03	+26 37.5	2.457	3.414	4.9	19.7
3 2	9 36.08	+26 54.4	2.509	3.423	7.5	19.9
3 12	9 29.45	+26 56.8	2.586	3.431	10.1	20.1
3 22	9 24.65	+26 45.6	2.686	3.439	12.3	20.3
217928	2001 TL_{21}		2 14.6	194.°98	1.°2/13.5	17
1 12	10 14.21	+14 5.9	2.345	3.166	11.4	21.6
1 22	10 8.71	+14 53.0	2.260	3.163	8.4	21.4
2 1	10 1.34	+15 47.8	2.201	3.160	4.9	21.1
2 11	9 52.73	+16 45.5	2.172	3.156	1.5	20.9
2 21	9 43.67	+17 40.7	2.173	3.152	3.1	21.0
3 2	9 35.08	+18 28.4	2.205	3.146	6.7	21.2
3 12	9 27.80	+19 5.0	2.264	3.140	10.1	21.4
3 22	9 22.42	+19 29.0	2.347	3.134	12.9	21.6
53603	2000 CF_{75}		2 14.6	184.°23	1.°9/13.1	18
1 12	10 17.78	+15 11.3	1.894	2.721	13.5	19.9
1 22	10 11.73	+16 6.9	1.815	2.722	9.9	19.7
2 1	10 3.30	+17 11.4	1.762	2.722	5.8	19.5
2 11	9 53.29	+18 18.1	1.738	2.721	2.1	19.2
2 21	9 42.72	+19 19.5	1.743	2.719	4.1	19.4
3 2	9 32.80	+20 9.6	1.778	2.717	8.2	19.6
3 12	9 24.60	+20 44.4	1.838	2.713	12.1	19.8
3 22	9 18.83	+21 2.9	1.922	2.709	15.4	20.0
43405	2000 WX_{129}		2 14.6	272.°78	8.°3/ 8.8	18
1 12	10 20.48	+31 38.3	1.586	2.431	14.7	19.1
1 22	10 14.40	+32 51.8	1.520	2.424	11.7	18.8
2 1	10 5.17	+33 58.5	1.479	2.417	9.1	18.7
2 11	9 53.82	+34 47.2	1.462	2.410	8.4	18.6
2 21	9 41.82	+35 9.1	1.472	2.403	10.1	18.7
3 2	9 30.86	+35 0.3	1.506	2.396	13.2	18.9
3 12	9 22.35	+34 22.7	1.563	2.389	16.4	19.0
3 22	9 17.10	+33 21.7	1.637	2.382	19.3	19.2
376633	2013 PL_{68}		2 14.6	229.°30	1.°2/15.7	17
1 12	10 12.37	+ 6 10.9	2.187	2.991	12.7	22.3
1 22	10 7.53	+ 6 51.2	2.091	2.980	9.7	22.1
2 1	10 0.74	+ 7 46.6	2.019	2.969	6.1	21.9
2 11	9 52.60	+ 8 53.5	1.975	2.957	2.3	21.6
2 21	9 43.91	+10 6.6	1.961	2.944	2.5	21.6
3 2	9 35.61	+11 19.5	1.978	2.931	6.4	21.8
3 12	9 28.59	+12 26.5	2.022	2.918	10.2	22.0
3 22	9 23.51	+13 23.3	2.091	2.904	13.4	22.2
344842	2004 FV_{165}		2 14.6	101.°25	2.°8/12.9	18
1 12	10 19.64	+17 23.2	1.349	2.196	16.7	21.1
1 22	10 13.70	+18 2.4	1.289	2.205	12.3	20.8
2 1	10 4.68	+18 49.1	1.251	2.213	7.3	20.5
2 11	9 53.67	+19 34.7	1.238	2.221	3.0	20.3
2 21	9 42.15	+20 10.8	1.253	2.229	5.3	20.5
3 2	9 31.77	+20 31.4	1.294	2.237	10.2	20.8
3 12	9 23.86	+20 34.1	1.358	2.245	14.7	21.0
3 22	9 19.17	+20 19.8	1.442	2.253	18.5	21.3
30239	2000 HZ_4		2 14.6	290.°79	9.°3/ 7.2	18
1 12	10 19.46	+35 23.4	1.713	2.552	14.1	18.2
1 22	10 13.55	+36 48.9	1.654	2.547	11.5	18.0
2 1	10 4.61	+38 4.5	1.618	2.542	9.7	17.9
2 11	9 53.66	+38 59.0	1.608	2.537	9.4	17.9
2 21	9 42.13	+39 24.3	1.623	2.532	11.0	18.0
3 2	9 31.61	+39 17.2	1.663	2.527	13.6	18.1
3 12	9 23.47	+38 40.0	1.724	2.522	16.3	18.3
3 22	9 18.46	+37 38.3	1.802	2.517	18.8	18.4
89271	2001 VS_{10}		2 14.6	162.°13	0.°1/14.6	18
1 12	10 18.98	+11 55.7	1.747	2.569	14.6	20.2
1 22	10 12.66	+12 11.7	1.673	2.574	10.9	20.0
2 1	10 3.86	+12 38.1	1.622	2.579	6.5	19.7
2 11	9 53.44	+13 9.9	1.598	2.583	1.7	19.4
2 21	9 42.53	+13 41.8	1.604	2.587	3.1	19.5
3 2	9 32.40	+14 8.6	1.639	2.589	7.8	19.8
3 12	9 24.15	+14 26.4	1.700	2.592	12.0	20.0
3 22	9 18.48	+14 33.5	1.783	2.593	15.5	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
198510	2004 XZ_{82}		2 14.6	163.°54	1.°4/13.4	18
	h m	° ′			°	m
1 12	10 12.88	+15 5.6	2.107	2.938	12.2	20.5
1 22	10 7.87	+15 46.1	2.031	2.939	8.9	20.3
2 1	10 0.89	+16 33.9	1.980	2.940	5.2	20.1
2 11	9 52.63	+17 23.7	1.957	2.941	1.7	19.8
2 21	9 43.96	+18 9.9	1.964	2.942	3.4	19.9
3 2	9 35.85	+18 47.7	2.000	2.943	7.2	20.2
3 12	9 29.20	+19 13.7	2.063	2.944	10.7	20.4
3 22	9 24.59	+19 26.7	2.148	2.944	13.7	20.6
236079	2005 JK_{158}		2 14.6	324.°64	1.°5/15.7	17
1 12	10 10.79	+ 7 51.0	1.819	2.642	14.1	20.2
1 22	10 6.70	+ 7 56.7	1.728	2.627	10.8	20.0
2 1	10 0.39	+ 8 16.2	1.659	2.613	6.8	19.7
2 11	9 52.54	+ 8 46.4	1.617	2.599	2.7	19.4
2 21	9 44.07	+ 9 23.1	1.602	2.586	2.9	19.4
3 2	9 36.09	+10 0.9	1.615	2.573	7.2	19.6
3 12	9 29.64	+10 34.5	1.654	2.561	11.4	19.8
3 22	9 25.44	+11 0.1	1.716	2.549	15.0	20.0
124402	2001 QQ_{198}		2 14.6	132.°15	0.°7/14.1	18
1 12	10 19.22	+12 58.6	1.785	2.607	14.3	20.3
1 22	10 12.69	+13 28.2	1.719	2.622	10.6	20.1
2 1	10 3.79	+14 7.2	1.678	2.636	6.2	19.9
2 11	9 53.41	+14 49.9	1.665	2.650	1.6	19.6
2 21	9 42.66	+15 30.4	1.681	2.662	3.3	19.8
3 2	9 32.76	+16 3.2	1.727	2.674	7.7	20.1
3 12	9 24.76	+16 25.0	1.799	2.686	11.7	20.3
3 22	9 19.27	+16 34.6	1.893	2.696	15.0	20.6
411382	2010 VE_{68}		2 14.6	112.°93	2.°1/16.4	18
1 12	10 15.48	+ 4 37.6	2.089	2.883	13.6	22.3
1 22	10 9.59	+ 4 54.4	2.023	2.904	10.3	22.1
2 1	10 1.80	+ 5 25.5	1.981	2.925	6.7	21.9
2 11	9 52.85	+ 6 7.8	1.967	2.945	3.1	21.7
2 21	9 43.63	+ 6 56.8	1.983	2.964	2.8	21.7
3 2	9 35.08	+ 7 47.1	2.029	2.983	6.2	22.0
3 12	9 28.05	+ 8 34.0	2.103	3.001	9.7	22.2
3 22	9 23.06	+ 9 13.6	2.201	3.019	12.7	22.5
354046	2001 SY_{151}		2 14.6	95.°39	2.°0/16.1	18
1 12	10 17.89	+ 5 20.2	1.578	2.388	16.5	21.4
1 22	10 11.80	+ 5 43.7	1.522	2.413	12.5	21.2
2 1	10 3.28	+ 6 25.3	1.488	2.437	7.9	21.0
2 11	9 53.26	+ 7 20.2	1.481	2.461	3.3	20.7
2 21	9 42.95	+ 8 21.7	1.502	2.485	3.2	20.8
3 2	9 33.62	+ 9 22.5	1.551	2.507	7.6	21.1
3 12	9 26.32	+10 16.2	1.627	2.529	11.8	21.4
3 22	9 21.64	+10 58.7	1.725	2.551	15.3	21.7
349229	2007 TH_{31}		2 14.6	99.°26	4.°5/10.4	18
1 12	10 14.28	+25 59.3	2.288	3.126	11.0	20.7
1 22	10 8.79	+26 52.5	2.226	3.133	8.3	20.5
2 1	10 1.38	+27 43.8	2.190	3.140	5.7	20.3
2 11	9 52.75	+28 26.8	2.182	3.147	4.6	20.3
2 21	9 43.81	+28 56.4	2.203	3.153	6.0	20.4
3 2	9 35.54	+29 9.4	2.253	3.160	8.6	20.5
3 12	9 28.77	+29 5.3	2.327	3.166	11.3	20.7
3 22	9 24.06	+28 45.4	2.424	3.173	13.6	20.9
233516	2007 FZ_{32}		2 14.6	281.°18	2.°5/13.1	18
1 12	10 16.47	+16 14.5	1.396	2.244	16.2	20.3
1 22	10 11.54	+16 56.5	1.319	2.235	12.0	20.0
2 1	10 3.57	+17 48.8	1.263	2.226	7.2	19.7
2 11	9 53.44	+18 43.4	1.234	2.217	2.7	19.4
2 21	9 42.51	+19 31.5	1.231	2.208	5.1	19.5
3 2	9 32.38	+20 5.5	1.254	2.199	10.2	19.8
3 12	9 24.50	+20 21.4	1.300	2.191	15.0	20.0
3 22	9 19.74	+20 18.6	1.366	2.182	19.1	20.2
340709	2006 SJ_{45}		2 14.6	316.°56	5.°4/19.5	18
1 12	10 9.59	− 4 33.0	2.168	2.928	14.2	20.3
1 22	10 5.45	− 4 45.0	2.075	2.922	11.7	20.1
2 1	9 59.49	− 4 37.2	2.005	2.917	8.9	19.9
2 11	9 52.28	− 4 9.7	1.960	2.911	6.3	19.8
2 21	9 44.59	− 3 24.7	1.943	2.906	5.4	19.7
3 2	9 37.32	− 2 26.6	1.953	2.900	7.0	19.8
3 12	9 31.30	− 1 21.6	1.991	2.895	9.8	19.9
3 22	9 27.14	− 0 15.9	2.052	2.891	12.7	20.1
245943	Davidjoseph		2 14.6	307.°37	0.°6/14.1	17
1 12	10 11.08	+13 2.6	2.101	2.930	12.2	20.8
1 22	10 6.66	+13 29.1	2.009	2.916	9.1	20.5
2 1	10 0.26	+14 4.5	1.942	2.902	5.4	20.3
2 11	9 52.50	+14 44.7	1.903	2.888	1.4	20.0
2 21	9 44.21	+15 24.5	1.893	2.874	2.9	20.1
3 2	9 36.37	+15 59.1	1.912	2.861	7.0	20.3
3 12	9 29.90	+16 24.7	1.957	2.848	10.7	20.5
3 22	9 25.43	+16 39.2	2.025	2.835	13.9	20.7

465735 2009 VF_{29} 2 14.6 84.°96 1.°0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.67	+ 8 43.8	1.915	2.732	13.7	21.6
1 22	10 8.53	+ 8 56.8	1.842	2.740	10.3	21.4
2 1	10 1.32	+ 9 22.0	1.793	2.747	6.4	21.2
2 11	9 52.77	+ 9 55.7	1.771	2.754	2.2	20.9
2 21	9 43.83	+10 33.1	1.778	2.761	2.7	20.9
3 2	9 35.54	+11 9.4	1.814	2.768	6.8	21.2
3 12	9 28.82	+11 39.9	1.876	2.776	10.6	21.5
3 22	9 24.29	+12 1.9	1.961	2.783	13.9	21.7

239916 2000 SM_{338} 2 14.6 154.°34 2.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.27	+17 42.9	1.862	2.696	13.4	21.5
1 22	10 11.33	+18 43.1	1.794	2.704	9.8	21.3
2 1	10 3.05	+19 49.5	1.751	2.711	5.9	21.0
2 11	9 53.25	+20 54.6	1.737	2.718	2.8	20.9
2 21	9 43.00	+21 51.2	1.752	2.723	4.8	21.0
3 2	9 33.49	+22 33.5	1.795	2.729	8.6	21.2
3 12	9 25.77	+22 58.8	1.864	2.733	12.3	21.5
3 22	9 20.50	+23 7.0	1.955	2.737	15.3	21.7

454134 2013 CR_{188} 2 14.6 309.°04 3.°1/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.91	+16 16.2	1.319	2.175	16.4	21.0
1 22	10 9.14	+17 18.8	1.237	2.159	12.2	20.7
2 1	10 2.28	+18 34.8	1.178	2.142	7.3	20.3
2 11	9 53.15	+19 55.1	1.143	2.126	3.2	20.1
2 21	9 43.05	+21 8.5	1.135	2.111	5.9	20.2
3 2	9 33.63	+22 5.3	1.151	2.095	11.1	20.4
3 12	9 26.45	+22 39.7	1.190	2.081	16.1	20.6
3 22	9 22.46	+22 50.3	1.247	2.067	20.3	20.9

60225 1999 VK_{122} 2 14.6 213.°84 5.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 19.19	+22 38.4	1.644	2.487	14.4	20.6
1 22	10 13.28	+23 55.4	1.569	2.481	10.7	20.3
2 1	10 4.49	+25 16.2	1.518	2.474	7.1	20.1
2 11	9 53.70	+26 30.7	1.495	2.467	5.1	20.0
2 21	9 42.17	+27 29.2	1.500	2.459	7.2	20.1
3 2	9 31.40	+28 5.3	1.532	2.450	11.0	20.3
3 12	9 22.74	+28 17.0	1.587	2.440	14.9	20.5
3 22	9 17.02	+28 6.1	1.663	2.430	18.2	20.7

375304 2008 QM_{21} 2 14.6 83.°83 1.°6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.12	+ 8 34.2	2.025	2.832	13.5	20.8
1 22	10 10.86	+ 8 18.9	1.957	2.848	10.2	20.6
2 1	10 2.59	+ 8 13.9	1.913	2.864	6.4	20.4
2 11	9 53.10	+ 8 16.5	1.898	2.879	2.6	20.2
2 21	9 43.32	+ 8 23.9	1.912	2.895	2.7	20.2
3 2	9 34.27	+ 8 32.6	1.956	2.910	6.5	20.5
3 12	9 26.84	+ 8 39.4	2.027	2.925	10.0	20.7
3 22	9 21.57	+ 8 42.0	2.122	2.940	13.1	20.9

281341 2007 TY_{441} 2 14.6 109.°08 1.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.42	+ 6 23.6	2.485	3.282	11.6	21.5
1 22	10 7.14	+ 6 35.1	2.413	3.298	8.7	21.3
2 1	10 0.29	+ 6 57.5	2.366	3.313	5.6	21.1
2 11	9 52.47	+ 7 28.1	2.349	3.328	2.4	20.9
2 21	9 44.39	+ 8 3.4	2.361	3.343	2.3	20.9
3 2	9 36.84	+ 8 39.5	2.404	3.358	5.4	21.2
3 12	9 30.49	+ 9 12.8	2.475	3.372	8.5	21.4
3 22	9 25.84	+ 9 40.4	2.571	3.386	11.2	21.6

290575 2005 UO_{128} 2 14.6 240.°37 1.°7/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.61	+ 5 58.8	2.230	3.030	12.6	21.8
1 22	10 8.45	+ 6 15.2	2.129	3.015	9.7	21.6
2 1	10 1.32	+ 6 45.1	2.052	2.999	6.3	21.3
2 11	9 52.82	+ 7 25.8	2.003	2.983	2.7	21.1
2 21	9 43.74	+ 8 13.4	1.985	2.967	2.7	21.0
3 2	9 35.02	+ 9 2.9	1.996	2.950	6.3	21.2
3 12	9 27.57	+ 9 49.4	2.035	2.932	10.0	21.4
3 22	9 22.05	+10 28.9	2.098	2.914	13.3	21.6

282647 2005 UB_{53} 2 14.6 90.°92 2.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 19.34	+15 50.9	1.437	2.278	16.2	20.8
1 22	10 13.15	+16 49.3	1.388	2.301	11.8	20.5
2 1	10 4.20	+17 56.2	1.362	2.324	6.9	20.3
2 11	9 53.56	+19 2.7	1.363	2.346	2.7	20.1
2 21	9 42.62	+19 59.9	1.391	2.368	4.9	20.3
3 2	9 32.85	+20 41.4	1.447	2.389	9.5	20.6
3 12	9 25.41	+21 4.2	1.527	2.410	13.7	20.9
3 22	9 20.91	+21 8.9	1.627	2.430	17.1	21.2

10481 Esipov 2 14.6 143.°74 0.°0/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.67	+11 8.5	1.874	2.692	14.0	18.9
1 22	10 11.51	+11 36.0	1.803	2.703	10.3	18.7
2 1	10 3.12	+12 14.3	1.757	2.713	6.2	18.5
2 11	9 53.28	+12 58.4	1.738	2.723	1.7	18.2
2 21	9 43.04	+13 42.7	1.750	2.732	2.9	18.3
3 2	9 33.54	+14 21.7	1.790	2.740	7.3	18.6
3 12	9 25.77	+14 51.5	1.857	2.748	11.2	18.8
3 22	9 20.37	+15 10.0	1.948	2.755	14.5	19.1

40553 1999 RE_{115} 2 14.6 267.°57 1.°4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.86	+14 21.9	1.641	2.478	14.7	19.1
1 22	10 10.76	+14 54.6	1.554	2.465	10.9	18.8
2 1	10 2.99	+15 37.8	1.490	2.451	6.5	18.5
2 11	9 53.32	+16 25.3	1.452	2.437	1.9	18.2
2 21	9 42.89	+17 10.3	1.443	2.423	4.0	18.3
3 2	9 33.06	+17 46.1	1.461	2.409	8.8	18.5
3 12	9 25.10	+18 8.3	1.504	2.395	13.3	18.8
3 22	9 19.85	+18 15.4	1.568	2.380	17.2	19.0

430669 2003 UZ_{242} 2 14.6 189.°51 6.°1/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.16	+32 30.4	2.495	3.323	10.6	21.5
1 22	10 10.95	+33 34.7	2.429	3.322	8.4	21.3
2 1	10 2.72	+34 33.0	2.390	3.320	6.6	21.2
2 11	9 53.17	+35 18.4	2.380	3.319	6.2	21.2
2 21	9 43.25	+35 45.6	2.398	3.316	7.5	21.2
3 2	9 33.96	+35 52.2	2.444	3.314	9.6	21.4
3 12	9 26.21	+35 38.4	2.514	3.311	11.8	21.5
3 22	9 20.60	+35 6.8	2.605	3.307	13.8	21.7

68589 2002 AG_{10} 2 14.6 315.°76 2.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.71	+16 44.9	1.386	2.238	16.0	19.0
1 22	10 10.26	+17 28.4	1.310	2.229	11.9	18.7
2 1	10 2.83	+18 21.9	1.256	2.219	7.1	18.4
2 11	9 53.29	+19 17.1	1.227	2.210	2.9	18.2
2 21	9 42.99	+20 5.1	1.224	2.202	5.3	18.3
3 2	9 33.47	+20 38.5	1.248	2.193	10.3	18.5
3 12	9 26.16	+20 53.2	1.294	2.185	15.0	18.8
3 22	9 21.92	+20 48.9	1.360	2.178	19.0	19.0

66589 1999 RE_{168} 2 14.6 125.°80 0.°9/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.32	+13 29.7	1.865	2.690	13.7	19.9
1 22	10 11.25	+14 4.5	1.799	2.704	10.1	19.7
2 1	10 2.95	+14 48.0	1.758	2.717	5.9	19.5
2 11	9 53.24	+15 34.7	1.746	2.730	1.6	19.2
2 21	9 43.18	+16 18.5	1.762	2.743	3.3	19.3
3 2	9 33.91	+16 54.2	1.808	2.755	7.5	19.6
3 12	9 26.40	+17 18.4	1.881	2.766	11.3	19.9
3 22	9 21.26	+17 30.0	1.975	2.777	14.5	20.1

407847 2012 BT_{52} 2 14.6 60.°30 1.°6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.32	+12 32.2	1.568	2.409	15.1	21.1
1 22	10 7.99	+13 46.3	1.504	2.417	11.0	20.9
2 1	10 1.20	+15 14.2	1.464	2.426	6.4	20.6
2 11	9 52.80	+16 47.5	1.450	2.435	2.0	20.4
2 21	9 43.92	+18 16.6	1.465	2.444	4.2	20.5
3 2	9 35.82	+19 33.0	1.507	2.453	8.8	20.8
3 12	9 29.60	+20 31.0	1.574	2.463	13.0	21.1
3 22	9 25.95	+21 8.8	1.662	2.472	16.5	21.4

169332 2001 TU_{166} 2 14.6 123.°26 7.°7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.11	−14 58.8	2.652	3.328	13.8	20.0
1 22	10 6.27	−15 37.2	2.568	3.336	12.1	19.9
2 1	9 59.85	−15 54.9	2.504	3.344	10.2	19.8
2 11	9 52.40	−15 50.1	2.465	3.353	8.6	19.7
2 21	9 44.60	−15 23.5	2.451	3.360	7.8	19.6
3 2	9 37.20	−14 37.7	2.465	3.368	8.1	19.7
3 12	9 30.90	−13 37.8	2.505	3.375	9.4	19.8
3 22	9 26.21	−12 29.7	2.569	3.383	11.2	19.9

130502 2000 QR_{138} 2 14.6 197.°19 0.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.59	+ 8 33.2	1.894	2.707	14.0	21.0
1 22	10 10.13	+ 9 5.9	1.808	2.705	10.5	20.8
2 1	10 2.41	+ 9 52.7	1.748	2.702	6.5	20.6
2 11	9 53.14	+10 49.3	1.714	2.698	2.1	20.3
2 21	9 43.31	+11 49.5	1.710	2.694	2.8	20.3
3 2	9 34.03	+12 47.1	1.736	2.689	7.2	20.6
3 12	9 26.36	+13 36.5	1.788	2.683	11.3	20.8
3 22	9 20.99	+14 14.2	1.863	2.677	14.8	21.0

62751 2000 UD_5 2 14.6 18.°30 0.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.94	+ 9 48.7	1.227	2.074	18.0	19.0
1 22	10 8.95	+10 6.5	1.164	2.078	13.5	18.7
2 1	10 1.99	+10 41.6	1.122	2.083	8.2	18.4
2 11	9 53.05	+11 28.2	1.104	2.089	2.5	18.1
2 21	9 43.53	+12 18.5	1.111	2.095	3.6	18.2
3 2	9 35.00	+13 4.3	1.144	2.103	9.2	18.5
3 12	9 28.81	+13 38.9	1.199	2.111	14.2	18.8
3 22	9 25.69	+13 59.1	1.274	2.120	18.4	19.1

241664 2000 ON_8 2 14.6 169.°40 3.°5/17.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.40	+ 1 20.8	2.470	3.238	12.4	20.9
1 22	10 10.17	+ 1 0.6	2.382	3.243	9.8	20.7
2 1	10 2.19	+ 0 53.4	2.319	3.247	6.9	20.5
2 11	9 53.05	+ 0 58.5	2.284	3.250	4.2	20.3
2 21	9 43.53	+ 1 13.8	2.280	3.253	3.7	20.3
3 2	9 34.48	+ 1 36.3	2.306	3.255	6.0	20.4
3 12	9 26.68	+ 2 2.1	2.361	3.256	8.9	20.6
3 22	9 20.69	+ 2 27.5	2.442	3.257	11.7	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
385023	2012 TA_{285}		2 14.6	201.°39	5.°3/ 9.1	17
	h m	° ′			°	m
1 12	10 15.03	+30 6.7	2.604	3.435	10.1	21.4
1 22	10 9.30	+31 3.9	2.534	3.432	7.8	21.3
2 1	10 1.71	+31 56.9	2.491	3.429	5.9	21.1
2 11	9 52.92	+32 39.5	2.477	3.426	5.3	21.1
2 21	9 43.77	+33 7.1	2.492	3.423	6.6	21.2
3 2	9 35.18	+33 16.8	2.535	3.419	8.7	21.3
3 12	9 27.97	+33 8.4	2.603	3.415	11.0	21.4
3 22	9 22.70	+32 43.6	2.693	3.411	13.1	21.6
256934	2008 EK_{32}		2 14.6	15.°64	1.°6/15.6	18
1 12	10 15.11	+ 8 47.4	1.492	2.321	16.3	20.2
1 22	10 10.15	+ 8 39.6	1.420	2.323	12.4	19.9
2 1	10 2.56	+ 8 45.9	1.370	2.326	7.7	19.7
2 11	9 53.20	+ 9 3.0	1.346	2.328	2.9	19.4
2 21	9 43.30	+ 9 26.0	1.348	2.332	3.3	19.4
3 2	9 34.22	+ 9 49.5	1.377	2.335	8.1	19.7
3 12	9 27.16	+10 8.5	1.431	2.340	12.6	20.0
3 22	9 22.84	+10 19.6	1.507	2.344	16.5	20.2
322731	2000 SK_{163}		2 14.6	218.°15	1.°2/15.7	17
1 12	10 13.49	+ 7 18.1	2.301	3.104	12.2	21.6
1 22	10 8.26	+ 7 37.0	2.207	3.096	9.3	21.4
2 1	10 1.17	+ 8 7.9	2.138	3.088	5.8	21.2
2 11	9 52.81	+ 8 47.8	2.098	3.079	2.2	20.9
2 21	9 43.96	+ 9 32.7	2.087	3.070	2.4	20.9
3 2	9 35.53	+10 17.8	2.107	3.060	6.1	21.1
3 12	9 28.35	+10 58.8	2.154	3.050	9.6	21.3
3 22	9 23.05	+11 32.3	2.226	3.039	12.7	21.5
61453	2000 QL_{29}		2 14.6	211.°65	1.°6/13.5	18
1 12	10 17.93	+15 23.8	1.833	2.662	13.8	19.5
1 22	10 11.98	+15 58.0	1.749	2.656	10.2	19.3
2 1	10 3.58	+16 40.3	1.690	2.650	6.0	19.0
2 11	9 53.49	+17 24.7	1.659	2.643	2.0	18.7
2 21	9 42.79	+18 4.8	1.657	2.636	3.9	18.9
3 2	9 32.72	+18 35.2	1.684	2.628	8.3	19.1
3 12	9 24.43	+18 52.4	1.737	2.619	12.3	19.3
3 22	9 18.64	+18 55.7	1.812	2.610	15.8	19.5
501998	2015 AV_{29}		2 14.6	18.°24	0.°2/14.8	17
1 12	10 13.25	+11 3.9	1.860	2.686	13.7	21.7
1 22	10 8.37	+11 20.9	1.784	2.688	10.2	21.5
2 1	10 1.32	+11 48.5	1.731	2.689	6.1	21.2
2 11	9 52.85	+12 22.7	1.706	2.690	1.7	20.9
2 21	9 43.93	+12 58.3	1.709	2.692	2.8	21.0
3 2	9 35.65	+13 30.3	1.740	2.694	7.2	21.3
3 12	9 28.97	+13 54.5	1.798	2.696	11.1	21.5
3 22	9 24.54	+14 8.7	1.878	2.698	14.5	21.7
426595	2013 SG_{34}		2 14.6	264.°41	2.°7/12.6	18
1 12	10 15.23	+18 59.9	1.910	2.748	12.9	21.1
1 22	10 9.86	+19 36.4	1.834	2.745	9.5	20.8
2 1	10 2.23	+20 17.2	1.782	2.742	5.7	20.6
2 11	9 53.10	+20 56.1	1.758	2.739	2.8	20.4
2 21	9 43.49	+21 27.1	1.763	2.736	4.6	20.5
3 2	9 34.55	+21 45.7	1.797	2.733	8.4	20.7
3 12	9 27.29	+21 49.6	1.855	2.730	12.0	20.9
3 22	9 22.38	+21 39.1	1.936	2.727	15.1	21.2
119966	2002 TX_{286}		2 14.6	96.°69	3.°8/12.5	18
1 12	10 22.34	+20 17.1	1.402	2.247	16.3	20.0
1 22	10 15.54	+20 55.4	1.349	2.263	12.0	19.7
2 1	10 5.71	+21 36.7	1.318	2.278	7.3	19.5
2 11	9 54.03	+22 12.3	1.314	2.293	3.9	19.4
2 21	9 42.01	+22 34.5	1.337	2.308	5.9	19.5
3 2	9 31.26	+22 39.0	1.386	2.323	10.3	19.8
3 12	9 23.05	+22 25.2	1.460	2.337	14.5	20.1
3 22	9 18.05	+21 55.4	1.553	2.351	18.0	20.3
57949	2002 JV_{66}		2 14.6	237.°82	0.°5/14.2	17
1 12	10 15.06	+11 43.4	1.903	2.727	13.5	21.1
1 22	10 9.85	+12 23.9	1.811	2.714	10.1	20.8
2 1	10 2.33	+13 16.5	1.743	2.702	6.0	20.5
2 11	9 53.17	+14 16.1	1.703	2.688	1.6	20.2
2 21	9 43.33	+15 16.1	1.692	2.674	3.2	20.3
3 2	9 33.97	+16 10.2	1.711	2.659	7.7	20.5
3 12	9 26.18	+16 53.3	1.755	2.644	11.8	20.8
3 22	9 20.71	+17 22.6	1.823	2.629	15.4	20.9
500532	2012 UT		2 14.6	132.°59	2.°7/17.3	17
1 12	10 11.50	+ 2 27.5	2.649	3.429	11.4	21.3
1 22	10 6.46	+ 2 27.8	2.568	3.438	8.9	21.1
2 1	9 59.93	+ 2 40.4	2.511	3.446	6.1	21.0
2 11	9 52.44	+ 3 3.9	2.483	3.454	3.4	20.8
2 21	9 44.67	+ 3 35.3	2.485	3.462	2.9	20.8
3 2	9 37.33	+ 4 11.4	2.517	3.470	5.3	20.9
3 12	9 31.08	+ 4 48.0	2.578	3.478	8.1	21.1
3 22	9 26.40	+ 5 22.0	2.664	3.485	10.6	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
258095	2001 QZ_{137}		2 14.6	104.°90	1.°6/16.1	18
	h m	° ′			°	m
1 12	10 16.43	+ 5 51.2	2.277	3.069	12.6	21.2
1 22	10 10.12	+ 6 8.8	2.216	3.098	9.6	21.0
2 1	10 2.08	+ 6 38.6	2.181	3.126	6.1	20.8
2 11	9 53.01	+ 7 17.2	2.174	3.154	2.6	20.7
2 21	9 43.75	+ 8 0.6	2.199	3.181	2.5	20.7
3 2	9 35.17	+ 8 44.0	2.253	3.206	5.8	21.0
3 12	9 28.03	+ 9 23.5	2.337	3.231	9.0	21.2
3 22	9 22.81	+ 9 56.1	2.445	3.256	11.8	21.4
185872	2000 KZ		2 14.7	239.°86	0.°4/14.4	17
1 12	10 14.21	+11 54.6	1.990	2.813	13.1	21.5
1 22	10 9.09	+12 26.1	1.901	2.804	9.7	21.3
2 1	10 1.80	+13 8.2	1.836	2.794	5.8	21.0
2 11	9 53.02	+13 56.4	1.798	2.783	1.5	20.7
2 21	9 43.66	+14 44.9	1.791	2.773	3.0	20.8
3 2	9 34.79	+15 28.3	1.812	2.762	7.3	21.0
3 12	9 27.42	+16 2.1	1.860	2.750	11.2	21.2
3 22	9 22.24	+16 23.9	1.931	2.738	14.6	21.4
432578	2010 OR_{75}		2 14.7	286.°95	5.°7/19.7	17
1 12	10 10.62	− 5 29.7	2.290	3.039	13.9	20.9
1 22	10 6.18	− 5 52.9	2.195	3.033	11.5	20.7
2 1	9 59.95	− 5 57.4	2.122	3.026	8.9	20.5
2 11	9 52.50	− 5 42.9	2.075	3.019	6.6	20.4
2 21	9 44.57	− 5 10.7	2.056	3.012	5.7	20.3
3 2	9 37.03	− 4 24.6	2.064	3.006	7.1	20.4
3 12	9 30.68	− 3 29.8	2.100	2.999	9.6	20.5
3 22	9 26.12	− 2 32.2	2.160	2.993	12.3	20.7
337652	2001 TA_{133}		2 14.7	127.°63	4.°4/19.1	17
1 12	10 10.55	− 3 26.3	2.535	3.290	12.5	20.9
1 22	10 5.86	− 3 30.8	2.451	3.297	10.2	20.7
2 1	9 59.62	− 3 18.8	2.391	3.304	7.5	20.5
2 11	9 52.39	− 2 50.9	2.357	3.311	5.2	20.4
2 21	9 44.82	− 2 9.8	2.353	3.318	4.4	20.4
3 2	9 37.69	− 1 19.1	2.377	3.324	6.0	20.5
3 12	9 31.66	− 0 24.0	2.430	3.330	8.5	20.6
3 22	9 27.24	+ 0 30.9	2.508	3.336	11.0	20.8
63524	2001 PP_{2}		2 14.7	156.°27	2.°0/12.9	18
1 12	10 15.40	+16 34.0	2.035	2.865	12.5	19.6
1 22	10 9.81	+17 21.1	1.962	2.871	9.2	19.4
2 1	10 2.13	+18 14.6	1.916	2.876	5.4	19.1
2 11	9 53.08	+19 8.3	1.898	2.880	2.2	18.9
2 21	9 43.63	+19 56.2	1.909	2.884	4.0	19.1
3 2	9 34.81	+20 33.2	1.950	2.888	7.7	19.3
3 12	9 27.58	+20 56.5	2.017	2.891	11.2	19.5
3 22	9 22.53	+21 5.4	2.106	2.894	14.2	19.7
117920	4546 P–L		2 14.7	75.°38	2.°2/13.3	18
1 12	10 19.74	+16 19.9	1.433	2.274	16.2	19.9
1 22	10 13.42	+16 57.5	1.385	2.298	11.8	19.7
2 1	10 4.37	+17 42.3	1.360	2.322	6.9	19.5
2 11	9 53.67	+18 26.6	1.361	2.345	2.5	19.3
2 21	9 42.74	+19 2.7	1.390	2.368	4.6	19.5
3 2	9 33.02	+19 25.5	1.446	2.391	9.2	19.8
3 12	9 25.64	+19 32.6	1.527	2.414	13.4	20.1
3 22	9 21.20	+19 24.7	1.628	2.436	16.8	20.4
498253	2007 UR_{102}		2 14.7	229.°02	2.°0/16.5	17
1 12	10 11.01	+ 4 52.4	2.456	3.251	11.8	21.6
1 22	10 6.32	+ 5 4.2	2.364	3.246	9.0	21.4
2 1	9 59.96	+ 5 28.5	2.296	3.240	5.9	21.2
2 11	9 52.50	+ 6 3.1	2.256	3.234	2.8	21.0
2 21	9 44.62	+ 6 44.6	2.246	3.228	2.6	21.0
3 2	9 37.14	+ 7 28.7	2.266	3.221	5.6	21.2
3 12	9 30.78	+ 8 11.2	2.314	3.215	8.8	21.4
3 22	9 26.11	+ 8 48.6	2.387	3.208	11.7	21.5
121342	1999 TV_{19}		2 14.7	199.°56	6.°9/ 8.4	18
1 12	10 17.28	+31 58.4	2.078	2.914	12.1	19.3
1 22	10 11.41	+33 9.7	2.015	2.913	9.5	19.2
2 1	10 3.17	+34 14.7	1.978	2.912	7.5	19.0
2 11	9 53.38	+35 5.0	1.968	2.911	7.0	19.0
2 21	9 43.16	+35 34.5	1.986	2.909	8.5	19.1
3 2	9 33.70	+35 39.8	2.030	2.908	10.9	19.2
3 12	9 26.07	+35 21.6	2.098	2.906	13.4	19.4
3 22	9 20.92	+34 43.3	2.185	2.904	15.7	19.6
39186	2000 WK_{168}		2 14.7	162.°00	1.°6/16.1	18
1 12	10 12.42	+ 5 52.2	2.162	2.965	12.9	19.8
1 22	10 7.51	+ 6 17.0	2.080	2.968	9.8	19.6
2 1	10 0.72	+ 6 55.6	2.023	2.971	6.2	19.4
2 11	9 52.72	+ 7 44.9	1.993	2.974	2.6	19.1
2 21	9 44.30	+ 8 40.1	1.993	2.976	2.6	19.1
3 2	9 36.39	+ 9 35.9	2.023	2.978	6.2	19.4
3 12	9 29.82	+10 27.3	2.080	2.980	9.7	19.6
3 22	9 25.18	+11 10.4	2.162	2.981	12.8	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
462617	2009 PK_2		2 14.7	170.°41	2.°6/16.8	16
	h m	° ′			°	m
1 12	10 15.79	+ 4 2.5	2.334	3.119	12.6	21.7
1 22	10 9.83	+ 3 56.2	2.248	3.123	9.8	21.5
2 1	10 2.05	+ 4 2.4	2.187	3.126	6.5	21.3
2 11	9 53.07	+ 4 19.5	2.155	3.129	3.4	21.1
2 21	9 43.70	+ 4 44.7	2.152	3.131	3.1	21.1
3 2	9 34.82	+ 5 14.1	2.180	3.133	6.0	21.2
3 12	9 27.26	+ 5 43.8	2.237	3.134	9.3	21.4
3 22	9 21.58	+ 6 10.3	2.318	3.134	12.2	21.6
179962	2002 XZ_3		2 14.7	84.°03	1.°8/13.3	18
1 12	10 15.01	+15 21.3	1.693	2.531	14.3	20.1
1 22	10 9.83	+16 6.4	1.628	2.540	10.4	19.8
2 1	10 2.26	+16 59.9	1.587	2.548	6.1	19.6
2 11	9 53.15	+17 55.1	1.573	2.557	2.2	19.4
2 21	9 43.62	+18 44.9	1.587	2.565	4.1	19.5
3 2	9 34.89	+19 23.3	1.630	2.574	8.4	19.8
3 12	9 28.02	+19 46.9	1.697	2.583	12.4	20.0
3 22	9 23.65	+19 55.1	1.786	2.591	15.7	20.3
277026	2005 BA_8		2 14.7	276.°77	3.°5/11.3	17
1 12	10 11.80	+19 57.0	2.066	2.908	11.9	20.3
1 22	10 7.31	+21 9.4	1.988	2.901	8.8	20.1
2 1	10 0.74	+22 27.1	1.935	2.894	5.5	19.9
2 11	9 52.75	+23 42.8	1.910	2.887	3.5	19.7
2 21	9 44.25	+24 49.2	1.915	2.880	5.3	19.8
3 2	9 36.25	+25 40.5	1.948	2.873	8.6	20.0
3 12	9 29.72	+26 13.7	2.006	2.866	11.9	20.2
3 22	9 25.32	+26 28.3	2.086	2.859	14.8	20.4
505092	2011 UO_{407}		2 14.7	214.°94	4.°1/18.9	18
1 12	10 11.11	− 2 56.3	2.925	3.673	11.2	21.4
1 22	10 6.17	− 3 11.0	2.825	3.667	9.1	21.3
2 1	9 59.80	− 3 12.1	2.749	3.660	6.8	21.1
2 11	9 52.46	− 2 59.8	2.701	3.653	4.8	21.0
2 21	9 44.76	− 2 35.6	2.682	3.645	4.1	20.9
3 2	9 37.36	− 2 2.4	2.694	3.637	5.6	21.0
3 12	9 30.90	− 1 23.8	2.734	3.629	7.9	21.1
3 22	9 25.85	− 0 43.8	2.799	3.620	10.2	21.3
340712	2006 ST_{52}		2 14.7	167.°99	3.°9/19.0	17
1 12	10 9.58	− 3 9.1	2.693	3.448	11.9	21.4
1 22	10 5.11	− 3 1.0	2.603	3.450	9.6	21.2
2 1	9 59.18	− 2 36.9	2.537	3.452	7.1	21.0
2 11	9 52.30	− 1 57.7	2.498	3.454	4.8	20.9
2 21	9 45.08	− 1 6.1	2.488	3.456	4.0	20.8
3 2	9 38.23	− 0 6.3	2.508	3.457	5.6	20.9
3 12	9 32.40	+ 0 57.0	2.557	3.458	8.1	21.1
3 22	9 28.07	+ 1 58.9	2.632	3.459	10.6	21.3
451409	2011 OF_{24}		2 14.7	218.°67	5.°3/10.7	18
1 12	10 19.73	+23 48.4	1.700	2.541	14.1	21.5
1 22	10 13.67	+24 59.7	1.623	2.534	10.6	21.2
2 1	10 4.77	+26 13.1	1.572	2.526	7.1	21.0
2 11	9 53.90	+27 18.9	1.547	2.517	5.3	20.9
2 21	9 42.30	+28 8.3	1.551	2.508	7.3	21.0
3 2	9 31.46	+28 35.2	1.582	2.498	11.0	21.2
3 12	9 22.69	+28 38.2	1.637	2.487	14.7	21.4
3 22	9 16.82	+28 19.6	1.712	2.476	17.9	21.6
19604	1999 NY_{48}		2 14.7	115.°35	3.°2/17.8	18
1 12	10 12.23	+ 0 26.6	2.190	2.970	13.5	19.0
1 22	10 7.27	+ 0 44.3	2.115	2.984	10.6	18.9
2 1	10 0.54	+ 1 19.2	2.064	2.997	7.3	18.7
2 11	9 52.67	+ 2 9.0	2.040	3.010	4.2	18.5
2 21	9 44.48	+ 3 9.4	2.046	3.023	3.5	18.5
3 2	9 36.84	+ 4 15.1	2.081	3.035	6.1	18.7
3 12	9 30.52	+ 5 20.0	2.144	3.047	9.3	18.9
3 22	9 26.08	+ 6 19.4	2.231	3.059	12.2	19.1
185059	2006 RY_{24}		2 14.7	64.°89	3.°4/18.3	18
1 12	10 8.94	− 1 18.4	2.220	2.997	13.4	20.1
1 22	10 4.87	− 0 43.8	2.143	3.009	10.6	19.9
2 1	9 59.11	+ 0 10.0	2.090	3.020	7.4	19.7
2 11	9 52.29	+ 1 20.3	2.063	3.031	4.4	19.6
2 21	9 45.14	+ 2 42.3	2.066	3.042	3.5	19.5
3 2	9 38.48	+ 4 9.7	2.098	3.054	5.9	19.7
3 12	9 33.06	+ 5 35.8	2.158	3.065	9.0	19.9
3 22	9 29.40	+ 6 55.0	2.244	3.077	11.9	20.1
210444	Frithjof		2 14.7	153.°23	0.°3/14.5	18
1 12	10 16.56	+11 1.7	1.836	2.657	14.1	21.7
1 22	10 10.83	+11 42.1	1.763	2.665	10.4	21.5
2 1	10 2.83	+12 34.6	1.715	2.672	6.2	21.3
2 11	9 53.33	+13 33.4	1.694	2.679	1.6	21.0
2 21	9 43.37	+14 32.2	1.702	2.684	3.1	21.1
3 2	9 34.10	+15 24.5	1.740	2.690	7.5	21.4
3 12	9 26.55	+16 5.7	1.804	2.694	11.5	21.6
3 22	9 21.39	+16 33.6	1.891	2.698	14.9	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
58034	2002 VS_{101}		2 14.7	78.°18	1.°0/13.9	18
	h m	° ′			°	m
1 12	10 14.00	+12 33.3	1.680	2.514	14.6	19.4
1 22	10 9.07	+13 21.2	1.616	2.526	10.7	19.2
2 1	10 1.80	+14 20.6	1.576	2.537	6.3	19.0
2 11	9 53.04	+15 25.0	1.563	2.548	1.7	18.7
2 21	9 43.88	+16 26.7	1.579	2.560	3.5	18.9
3 2	9 35.49	+17 19.3	1.622	2.571	8.0	19.2
3 12	9 28.93	+17 58.2	1.691	2.582	12.1	19.4
3 22	9 24.82	+18 21.6	1.782	2.594	15.4	19.7
233125	2005 TB_{86}		2 14.7	134.°40	3.°5/17.1	18
1 12	10 18.39	+ 2 35.0	1.692	2.486	16.3	20.9
1 22	10 12.27	+ 2 31.4	1.621	2.499	12.7	20.7
2 1	10 3.71	+ 2 46.5	1.572	2.511	8.6	20.5
2 11	9 53.57	+ 3 18.1	1.549	2.523	4.6	20.3
2 21	9 42.97	+ 4 1.8	1.554	2.533	4.0	20.2
3 2	9 33.16	+ 4 51.3	1.588	2.543	7.6	20.5
3 12	9 25.22	+ 5 40.3	1.649	2.553	11.6	20.7
3 22	9 19.84	+ 6 23.4	1.732	2.561	15.1	21.0
277789	2006 ES_9		2 14.7	156.°00	1.°1/13.7	17
1 12	10 13.41	+14 22.3	2.216	3.042	11.8	21.8
1 22	10 8.21	+14 56.8	2.139	3.045	8.7	21.6
2 1	10 1.14	+15 38.5	2.089	3.048	5.1	21.3
2 11	9 52.85	+16 22.6	2.066	3.051	1.5	21.1
2 21	9 44.19	+17 4.1	2.074	3.054	3.1	21.2
3 2	9 36.08	+17 38.5	2.111	3.056	6.8	21.5
3 12	9 29.35	+18 2.7	2.175	3.058	10.1	21.7
3 22	9 24.57	+18 15.3	2.263	3.060	13.0	21.9
472792	2015 FC_{152}		2 14.7	329.°25	0.°0/14.7	17
1 12	10 10.85	+11 16.5	2.033	2.860	12.7	20.9
1 22	10 6.54	+11 40.3	1.948	2.852	9.4	20.6
2 1	10 0.25	+12 14.5	1.887	2.845	5.7	20.4
2 11	9 52.63	+12 54.9	1.854	2.839	1.5	20.1
2 21	9 44.54	+13 36.7	1.850	2.833	2.7	20.2
3 2	9 36.94	+14 14.8	1.874	2.827	6.8	20.4
3 12	9 30.75	+14 45.0	1.924	2.821	10.6	20.6
3 22	9 26.58	+15 4.9	1.998	2.816	13.8	20.8
153318	2001 OJ_6		2 14.7	253.°11	4.°8/17.6	18
1 12	10 16.48	+ 0 32.6	1.666	2.456	16.6	20.0
1 22	10 11.27	+ 0 15.1	1.567	2.440	13.3	19.8
2 1	10 3.40	+ 0 17.7	1.489	2.423	9.5	19.5
2 11	9 53.57	+ 0 40.5	1.437	2.405	5.9	19.3
2 21	9 42.83	+ 1 20.7	1.411	2.387	5.1	19.2
3 2	9 32.52	+ 2 12.8	1.414	2.368	8.4	19.3
3 12	9 23.92	+ 3 9.4	1.442	2.349	12.7	19.5
3 22	9 17.95	+ 4 3.6	1.493	2.329	16.7	19.7
336910	2011 HX_{14}		2 14.7	242.°38	0.°6/14.1	17
1 12	10 12.01	+12 24.7	2.067	2.894	12.5	20.8
1 22	10 7.34	+13 3.0	1.987	2.893	9.2	20.6
2 1	10 0.70	+13 51.2	1.932	2.891	5.5	20.4
2 11	9 52.75	+14 44.3	1.905	2.890	1.5	20.1
2 21	9 44.36	+15 36.8	1.907	2.889	2.9	20.2
3 2	9 36.50	+16 23.1	1.938	2.887	6.9	20.5
3 12	9 30.06	+16 59.3	1.996	2.886	10.6	20.7
3 22	9 25.65	+17 23.3	2.077	2.884	13.7	20.9
343572	2010 FF_{85}		2 14.7	330.°53	5.°1/10.1	18
1 12	10 13.26	+25 38.1	2.021	2.866	12.0	20.1
1 22	10 8.44	+26 41.2	1.950	2.861	9.0	19.9
2 1	10 1.43	+27 43.8	1.905	2.857	6.3	19.8
2 11	9 52.96	+28 38.2	1.888	2.853	5.1	19.7
2 21	9 44.02	+29 17.8	1.898	2.849	6.7	19.8
3 2	9 35.72	+29 38.4	1.936	2.845	9.6	19.9
3 12	9 29.06	+29 38.9	1.997	2.841	12.6	20.1
3 22	9 24.66	+29 20.7	2.080	2.838	15.3	20.3
49756	1999 VJ_{177}		2 14.7	176.°59	3.°8/11.6	18
1 12	10 18.41	+19 5.1	1.735	2.572	14.0	20.3
1 22	10 12.49	+20 25.7	1.664	2.575	10.3	20.1
2 1	10 3.97	+21 53.0	1.619	2.577	6.4	19.9
2 11	9 53.67	+23 17.9	1.601	2.579	3.8	19.7
2 21	9 42.79	+24 31.0	1.613	2.579	5.9	19.9
3 2	9 32.64	+25 25.4	1.653	2.579	9.8	20.1
3 12	9 24.42	+25 58.1	1.718	2.578	13.6	20.3
3 22	9 18.90	+26 9.7	1.803	2.576	16.8	20.5
366983	2005 XR_{63}		2 14.7	76.°90	5.°7/19.4	18
1 12	10 14.73	− 4 7.3	1.895	2.658	15.9	20.8
1 22	10 9.25	− 4 27.6	1.833	2.682	12.9	20.6
2 1	10 1.76	− 4 26.3	1.792	2.705	9.6	20.5
2 11	9 53.02	− 4 4.1	1.777	2.729	6.7	20.3
2 21	9 43.99	− 3 24.0	1.789	2.752	5.7	20.3
3 2	9 35.70	− 2 31.3	1.829	2.775	7.5	20.5
3 12	9 29.01	− 1 32.8	1.896	2.798	10.4	20.7
3 22	9 24.50	− 0 34.8	1.986	2.821	13.2	20.9

358045 2006 GL_{35} 2 14.7 356.°79 21.°1/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 37.73	+56 18.2	1.104	1.904	22.8	19.4
1 22	10 29.89	+57 48.3	1.072	1.898	21.6	19.3
2 1	10 15.33	+58 37.7	1.056	1.894	21.1	19.2
2 11	9 56.72	+58 27.7	1.055	1.891	21.4	19.2
2 21	9 38.15	+57 10.0	1.070	1.890	22.4	19.3
3 2	9 23.42	+54 49.7	1.101	1.890	24.0	19.4
3 12	9 14.54	+51 42.4	1.147	1.893	25.8	19.6
3 22	9 11.55	+48 5.4	1.207	1.896	27.5	19.7

519356 2011 KH_{49} 2 14.7 124.°06 0.°2/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.97	+10 20.2	2.357	3.171	11.6	21.6
1 22	10 7.02	+10 49.9	2.282	3.180	8.6	21.4
2 1	10 0.37	+11 28.9	2.232	3.188	5.1	21.2
2 11	9 52.65	+12 13.5	2.211	3.196	1.5	20.9
2 21	9 44.60	+12 59.3	2.220	3.203	2.3	21.0
3 2	9 37.07	+13 41.8	2.260	3.211	5.9	21.3
3 12	9 30.79	+14 17.2	2.326	3.218	9.2	21.5
3 22	9 26.29	+14 43.4	2.417	3.225	12.0	21.7

403276 2009 AB_{41} 2 14.7 5.°25 2.°3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.38	+ 7 51.7	1.356	2.187	17.6	20.6
1 22	10 11.39	+ 7 33.9	1.284	2.186	13.5	20.3
2 1	10 3.47	+ 7 31.8	1.233	2.187	8.6	20.0
2 11	9 53.57	+ 7 42.7	1.206	2.187	3.6	19.7
2 21	9 43.01	+ 8 2.1	1.205	2.188	3.7	19.8
3 2	9 33.32	+ 8 24.2	1.231	2.190	8.7	20.0
3 12	9 25.86	+ 8 43.3	1.280	2.192	13.5	20.3
3 22	9 21.41	+ 8 55.5	1.350	2.194	17.7	20.6

468600 2007 UF_{138} 2 14.7 46.°71 6.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.13	+27 45.0	1.976	2.824	12.1	20.1
1 22	10 7.61	+29 27.0	1.927	2.837	9.2	19.9
2 1	10 0.91	+31 6.0	1.905	2.850	6.9	19.8
2 11	9 52.81	+32 32.9	1.911	2.863	6.3	19.8
2 21	9 44.34	+33 40.2	1.944	2.877	8.0	19.9
3 2	9 36.60	+34 23.3	2.004	2.891	10.5	20.1
3 12	9 30.54	+34 41.9	2.087	2.905	13.2	20.3
3 22	9 26.78	+34 38.0	2.190	2.919	15.4	20.5

417039 2005 UV_{115} 2 14.7 103.°60 0.°3/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.79	+12 51.8	1.930	2.752	13.4	21.3
1 22	10 10.82	+13 6.4	1.863	2.766	9.9	21.1
2 1	10 2.72	+13 29.1	1.821	2.779	5.9	20.9
2 11	9 53.30	+13 55.6	1.806	2.791	1.6	20.6
2 21	9 43.55	+14 21.2	1.821	2.804	2.9	20.7
3 2	9 34.56	+14 41.6	1.866	2.816	7.1	21.0
3 12	9 27.25	+14 53.7	1.937	2.828	10.8	21.3
3 22	9 22.21	+14 56.4	2.031	2.839	13.9	21.5

459274 2012 FG_{73} 2 14.7 309.°45 8.°1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.92	+31 20.7	1.580	2.426	14.7	20.6
1 22	10 14.17	+32 17.9	1.504	2.409	11.7	20.4
2 1	10 5.24	+33 8.8	1.451	2.392	9.0	20.2
2 11	9 54.08	+33 42.5	1.423	2.375	8.1	20.1
2 21	9 42.14	+33 50.4	1.420	2.358	9.8	20.2
3 2	9 31.13	+33 28.7	1.443	2.342	13.1	20.3
3 12	9 22.52	+32 38.8	1.488	2.326	16.5	20.5
3 22	9 17.17	+31 26.1	1.551	2.310	19.6	20.7

142357 2002 RE_{219} 2 14.7 273.°69 1.°6/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.51	+14 49.1	1.705	2.541	14.3	20.6
1 22	10 10.53	+15 25.9	1.613	2.523	10.6	20.3
2 1	10 2.93	+16 12.8	1.544	2.505	6.3	20.0
2 11	9 53.45	+17 3.9	1.502	2.487	2.0	19.7
2 21	9 43.17	+17 52.1	1.489	2.468	4.1	19.8
3 2	9 33.41	+18 30.7	1.503	2.449	8.8	20.0
3 12	9 25.41	+18 55.3	1.543	2.431	13.2	20.2
3 22	9 20.04	+19 4.2	1.603	2.412	17.0	20.4

42578 1997 BD_5 2 14.7 164.°49 0.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.53	+ 8 20.4	2.126	2.933	12.9	20.5
1 22	10 9.83	+ 8 50.2	2.046	2.939	9.7	20.3
2 1	10 2.14	+ 9 32.2	1.992	2.944	6.0	20.1
2 11	9 53.16	+10 22.5	1.966	2.949	2.0	19.9
2 21	9 43.76	+11 16.0	1.970	2.953	2.5	19.9
3 2	9 34.92	+12 7.2	2.004	2.956	6.5	20.2
3 12	9 27.53	+12 51.6	2.066	2.958	10.1	20.4
3 22	9 22.19	+13 26.2	2.151	2.960	13.2	20.6

228739 2002 TV_{275} 2 14.7 172.°22 1.°9/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.87	+ 5 39.1	1.813	2.616	15.0	20.7
1 22	10 11.87	+ 5 57.3	1.733	2.620	11.5	20.5
2 1	10 3.51	+ 6 31.8	1.676	2.624	7.4	20.3
2 11	9 53.56	+ 7 19.0	1.646	2.626	3.1	20.0
2 21	9 43.07	+ 8 13.6	1.645	2.628	3.1	20.0
3 2	9 33.22	+ 9 9.2	1.674	2.629	7.3	20.2
3 12	9 25.11	+ 9 59.9	1.730	2.629	11.4	20.5
3 22	9 19.42	+10 41.3	1.809	2.628	14.9	20.7

96117 5458 T_{-2} 2 14.7 260.°21 1.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.49	+ 8 32.8	1.543	2.365	16.2	19.5
1 22	10 12.08	+ 8 27.8	1.457	2.356	12.4	19.2
2 1	10 3.88	+ 8 37.0	1.393	2.347	7.8	18.9
2 11	9 53.71	+ 8 57.3	1.355	2.337	3.0	18.6
2 21	9 42.75	+ 9 24.0	1.344	2.327	3.3	18.6
3 2	9 32.45	+ 9 51.5	1.360	2.317	8.4	18.9
3 12	9 24.12	+10 14.4	1.402	2.307	13.1	19.1
3 22	9 18.63	+10 29.0	1.465	2.297	17.2	19.3

292315 2006 SX_{161} 2 14.7 239.°26 1.°3/13.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.03	+14 32.9	1.950	2.777	13.1	22.3
1 22	10 10.57	+15 10.0	1.859	2.765	9.7	22.1
2 1	10 2.79	+15 56.1	1.792	2.752	5.8	21.8
2 11	9 53.38	+16 45.7	1.753	2.738	1.8	21.5
2 21	9 43.33	+17 32.6	1.744	2.723	3.6	21.6
3 2	9 33.77	+18 11.1	1.764	2.709	7.9	21.9
3 12	9 25.78	+18 37.3	1.810	2.693	11.8	22.1
3 22	9 20.12	+18 49.7	1.879	2.678	15.3	22.3

130730 2000 SO_{227} 2 14.7 97.°94 1.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.07	+12 31.5	1.577	2.413	15.3	19.7
1 22	10 10.01	+13 35.9	1.515	2.426	11.2	19.5
2 1	10 2.44	+14 53.3	1.477	2.438	6.5	19.3
2 11	9 53.26	+16 15.6	1.466	2.451	1.9	19.0
2 21	9 43.63	+17 34.0	1.484	2.463	4.0	19.2
3 2	9 34.85	+18 40.4	1.529	2.476	8.6	19.5
3 12	9 28.03	+19 29.9	1.599	2.487	12.8	19.8
3 22	9 23.83	+20 0.8	1.690	2.499	16.3	20.0

282816 2006 RL_{80} 2 14.7 171.°61 1.°8/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.73	+ 4 2.8	2.639	3.430	11.2	21.4
1 22	10 5.27	+ 4 29.8	2.552	3.431	8.6	21.2
2 1	9 59.31	+ 5 9.6	2.490	3.433	5.6	21.0
2 11	9 52.37	+ 5 59.6	2.457	3.434	2.7	20.8
2 21	9 45.11	+ 6 56.1	2.453	3.435	2.4	20.8
3 2	9 38.22	+ 7 54.5	2.481	3.436	5.2	21.0
3 12	9 32.38	+ 8 50.4	2.537	3.436	8.2	21.2
3 22	9 28.08	+ 9 40.2	2.618	3.437	10.9	21.4

450419 2005 TP_{188} 2 14.7 250.°10 3.°2/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.17	+17 11.1	1.508	2.352	15.4	20.9
1 22	10 12.05	+18 12.7	1.426	2.340	11.4	20.6
2 1	10 3.97	+19 24.7	1.366	2.328	6.9	20.3
2 11	9 53.76	+20 38.3	1.333	2.315	3.3	20.1
2 21	9 42.67	+21 43.8	1.328	2.301	5.6	20.2
3 2	9 32.25	+22 32.9	1.349	2.288	10.4	20.4
3 12	9 23.93	+23 1.2	1.394	2.274	14.9	20.6
3 22	9 18.61	+23 8.2	1.459	2.259	18.8	20.9

308652 2006 BH_{52} 2 14.7 206.°33 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.46	+10 45.8	2.033	2.844	13.3	21.5
1 22	10 12.20	+11 3.7	1.942	2.838	10.0	21.3
2 1	10 3.68	+11 31.9	1.876	2.831	6.0	21.0
2 11	9 53.62	+12 6.6	1.839	2.823	1.7	20.7
2 21	9 42.97	+12 42.8	1.832	2.815	2.7	20.8
3 2	9 32.85	+13 15.7	1.855	2.805	7.1	21.0
3 12	9 24.29	+13 41.2	1.905	2.795	11.0	21.2
3 22	9 17.99	+13 57.2	1.979	2.783	14.4	21.4

32679 1070 T_{-1} 2 14.7 236.°84 5.°6/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.84	+31 53.6	2.510	3.334	10.7	19.4
1 22	10 12.90	+32 27.3	2.435	3.327	8.4	19.2
2 1	10 3.92	+32 54.3	2.386	3.320	6.4	19.1
2 11	9 53.65	+33 8.8	2.366	3.313	5.6	19.0
2 21	9 43.03	+33 6.4	2.375	3.306	6.8	19.1
3 2	9 33.10	+32 45.4	2.412	3.299	9.0	19.2
3 12	9 24.76	+32 6.5	2.476	3.291	11.4	19.4
3 22	9 18.60	+31 12.6	2.561	3.283	13.6	19.5

83964 2001 XL_{256} 2 14.7 197.°99 3.°2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.36	+20 6.4	2.419	3.249	10.8	20.1
1 22	10 8.95	+21 21.1	2.338	3.246	7.9	19.9
2 1	10 1.64	+22 40.0	2.285	3.242	5.0	19.7
2 11	9 53.05	+23 56.7	2.261	3.237	3.2	19.5
2 21	9 43.99	+25 4.6	2.268	3.231	4.8	19.6
3 2	9 35.36	+25 58.8	2.306	3.225	7.8	19.8
3 12	9 28.04	+26 36.4	2.369	3.218	10.8	20.0
3 22	9 22.62	+26 57.2	2.456	3.210	13.3	20.2

83439 2001 SJ_{56} 2 14.7 29.°05 5.°7/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.00	+27 53.2	2.015	2.859	12.1	18.9
1 22	10 8.93	+28 55.8	1.956	2.864	9.2	18.8
2 1	10 1.68	+29 55.1	1.923	2.870	6.6	18.6
2 11	9 53.05	+30 43.4	1.917	2.876	5.7	18.6
2 21	9 44.06	+31 14.7	1.939	2.882	7.2	18.7
3 2	9 35.82	+31 25.6	1.987	2.888	9.9	18.8
3 12	9 29.30	+31 15.9	2.060	2.895	12.7	19.0
3 22	9 25.07	+30 47.9	2.153	2.902	15.1	19.2

301703 2010 GV_{27} 2 14.7 238.°03 4.°8/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.51	− 5 58.7	2.681	3.420	12.3	21.4
1 22	10 5.17	− 5 58.5	2.579	3.411	10.2	21.3
2 1	9 59.31	− 5 40.7	2.499	3.401	7.8	21.1
2 11	9 52.41	− 5 5.4	2.447	3.391	5.7	20.9
2 21	9 45.10	− 4 14.8	2.422	3.381	4.9	20.9
3 2	9 38.09	− 3 12.7	2.427	3.371	6.1	20.9
3 12	9 32.07	− 2 4.0	2.461	3.360	8.4	21.1
3 22	9 27.56	− 0 54.3	2.520	3.349	10.9	21.2

411224 2010 OL_{74} 2 14.7 124.°22 4.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.84	+22 50.7	2.173	3.006	11.7	22.1
1 22	10 10.78	+24 15.4	2.119	3.026	8.6	21.9
2 1	10 2.69	+25 40.9	2.091	3.045	5.7	21.8
2 11	9 53.31	+26 59.3	2.094	3.063	4.3	21.7
2 21	9 43.62	+28 3.8	2.126	3.080	5.9	21.8
3 2	9 34.63	+28 49.8	2.188	3.096	8.7	22.0
3 12	9 27.25	+29 16.0	2.275	3.112	11.5	22.3
3 22	9 22.05	+29 23.6	2.384	3.127	14.0	22.5

500408 2012 TF_{110} 2 14.7 117.°92 0.°9/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.81	+15 3.8	2.440	3.262	11.0	22.0
1 22	10 8.32	+15 20.8	2.365	3.269	8.0	21.8
2 1	10 1.14	+15 42.9	2.317	3.275	4.7	21.6
2 11	9 52.89	+16 6.4	2.298	3.282	1.4	21.4
2 21	9 44.35	+16 27.4	2.309	3.289	2.7	21.5
3 2	9 36.35	+16 42.8	2.350	3.295	6.1	21.7
3 12	9 29.64	+16 50.2	2.419	3.302	9.3	21.9
3 22	9 24.73	+16 48.8	2.511	3.308	11.9	22.1

229177 2004 TF_{158} 2 14.7 62.°89 0.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.43	+ 9 8.5	1.875	2.695	13.9	21.0
1 22	10 8.47	+ 9 23.6	1.803	2.702	10.4	20.8
2 1	10 1.41	+ 9 51.0	1.755	2.710	6.4	20.6
2 11	9 52.99	+10 26.6	1.734	2.717	2.1	20.3
2 21	9 44.18	+11 5.5	1.742	2.725	2.7	20.4
3 2	9 36.03	+11 42.6	1.778	2.733	6.9	20.6
3 12	9 29.48	+12 13.4	1.840	2.741	10.7	20.9
3 22	9 25.12	+12 35.0	1.926	2.749	14.0	21.1

245998 2006 SL_{308} 2 14.7 294.°26 2.°5/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.91	+19 3.9	2.187	3.019	11.7	20.4
1 22	10 9.67	+19 33.0	2.081	2.989	8.7	20.2
2 1	10 2.26	+20 6.3	2.000	2.959	5.3	19.9
2 11	9 53.28	+20 38.6	1.947	2.928	2.6	19.7
2 21	9 43.60	+21 4.6	1.925	2.898	4.2	19.7
3 2	9 34.26	+21 20.0	1.931	2.867	7.9	19.9
3 12	9 26.30	+21 22.0	1.963	2.836	11.6	20.0
3 22	9 20.46	+21 10.4	2.018	2.805	14.8	20.2

253151 2002 VL_{80} 2 14.7 109.°77 2.°6/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.04	+ 2 32.9	2.074	2.861	13.9	21.7
1 22	10 9.36	+ 2 58.2	2.008	2.884	10.7	21.5
2 1	10 1.80	+ 3 39.9	1.967	2.907	7.1	21.3
2 11	9 53.08	+ 4 34.8	1.953	2.928	3.6	21.1
2 21	9 44.08	+ 5 37.9	1.969	2.949	3.1	21.1
3 2	9 35.75	+ 6 43.3	2.015	2.970	6.2	21.4
3 12	9 28.91	+ 7 45.1	2.089	2.990	9.6	21.6
3 22	9 24.10	+ 8 39.1	2.187	3.009	12.6	21.8

420229 2011 HM_{47} 2 14.7 47.°70 0.°5/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.20	+11 14.3	1.975	2.802	13.0	20.8
1 22	10 6.82	+12 3.0	1.899	2.805	9.6	20.6
2 1	10 0.44	+13 3.3	1.848	2.807	5.7	20.3
2 11	9 52.74	+14 10.0	1.825	2.810	1.5	20.0
2 21	9 44.61	+15 16.6	1.831	2.813	2.9	20.2
3 2	9 37.04	+16 16.8	1.865	2.815	7.1	20.4
3 12	9 30.92	+17 5.9	1.926	2.818	10.8	20.7
3 22	9 26.89	+17 41.2	2.010	2.821	14.0	20.9

170361 2003 SE_{209} 2 14.7 81.°83 2.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.19	+ 5 11.0	1.552	2.367	16.5	20.1
1 22	10 10.06	+ 5 28.8	1.489	2.382	12.6	19.9
2 1	10 2.47	+ 6 5.2	1.447	2.397	8.1	19.7
2 11	9 53.30	+ 6 56.1	1.431	2.411	3.5	19.4
2 21	9 43.71	+ 7 55.2	1.443	2.426	3.3	19.4
3 2	9 34.98	+ 8 55.1	1.483	2.440	7.7	19.7
3 12	9 28.19	+ 9 49.0	1.547	2.455	11.9	20.0
3 22	9 23.99	+10 32.3	1.635	2.469	15.6	20.3

110984 2001 UV_{189} 2 14.7 302.°65 1.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.38	+15 2.5	1.637	2.475	14.7	19.6
1 22	10 10.44	+15 22.0	1.551	2.462	10.9	19.3
2 1	10 2.88	+15 50.1	1.488	2.449	6.5	19.0
2 11	9 53.48	+16 21.4	1.452	2.436	2.0	18.7
2 21	9 43.36	+16 49.6	1.443	2.424	3.9	18.8
3 2	9 33.87	+17 9.4	1.462	2.411	8.7	19.0
3 12	9 26.25	+17 17.0	1.506	2.399	13.1	19.3
3 22	9 21.31	+17 11.2	1.570	2.388	16.9	19.5

403340 2009 DN_{131} 2 14.7 185.°51 0.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.80	+10 49.3	2.062	2.877	13.0	21.8
1 22	10 10.17	+11 26.1	1.979	2.878	9.6	21.6
2 1	10 2.44	+12 13.9	1.921	2.877	5.8	21.4
2 11	9 53.31	+13 8.1	1.892	2.876	1.6	21.1
2 21	9 43.69	+14 3.1	1.892	2.874	2.8	21.2
3 2	9 34.61	+14 53.1	1.923	2.872	6.9	21.4
3 12	9 27.02	+15 33.8	1.980	2.869	10.7	21.6
3 22	9 21.58	+16 2.8	2.061	2.865	13.9	21.9

361610 2007 TH_{18} 2 14.7 69.°96 1.°9/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.93	+15 16.2	1.447	2.289	16.1	20.9
1 22	10 12.15	+15 59.5	1.398	2.311	11.7	20.7
2 1	10 3.70	+16 51.6	1.372	2.333	6.9	20.4
2 11	9 53.63	+17 44.6	1.372	2.356	2.3	20.2
2 21	9 43.29	+18 30.5	1.399	2.378	4.4	20.4
3 2	9 34.06	+19 3.6	1.453	2.400	9.0	20.7
3 12	9 27.08	+19 20.7	1.532	2.422	13.2	21.0
3 22	9 22.93	+19 21.9	1.632	2.444	16.6	21.3

97162 1999 VW_{184} 2 14.7 162.°04 6.°0/21.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.05	− 9 14.3	2.397	3.120	14.0	20.1
1 22	10 6.42	− 9 14.2	2.308	3.124	11.7	19.9
2 1	10 0.10	− 8 52.5	2.241	3.128	9.3	19.7
2 11	9 52.66	− 8 9.1	2.199	3.131	7.0	19.6
2 21	9 44.83	− 7 6.4	2.185	3.134	6.0	19.6
3 2	9 37.43	− 5 49.1	2.200	3.137	7.0	19.6
3 12	9 31.20	− 4 23.7	2.242	3.139	9.2	19.8
3 22	9 26.70	− 2 56.9	2.310	3.141	11.7	19.9

415834 2001 RM_{42} 2 14.7 176.°16 2.°0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.18	+15 52.7	2.289	3.115	11.5	21.6
1 22	10 8.83	+16 58.7	2.212	3.118	8.4	21.4
2 1	10 1.58	+18 11.9	2.160	3.120	5.0	21.2
2 11	9 53.08	+19 26.3	2.139	3.121	2.1	21.0
2 21	9 44.14	+20 35.4	2.148	3.122	3.8	21.1
3 2	9 35.69	+21 33.8	2.187	3.122	7.2	21.3
3 12	9 28.60	+22 18.0	2.254	3.121	10.5	21.5
3 22	9 23.44	+22 46.9	2.343	3.120	13.3	21.7

246240 2007 RY_{286} 2 14.7 71.°81 2.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.72	+17 42.1	2.104	2.940	12.0	20.5
1 22	10 7.78	+18 32.1	2.042	2.952	8.7	20.3
2 1	10 0.92	+19 26.9	2.005	2.965	5.2	20.1
2 11	9 52.88	+20 20.5	1.997	2.978	2.4	19.9
2 21	9 44.53	+21 7.3	2.018	2.991	4.1	20.1
3 2	9 36.83	+21 42.7	2.068	3.004	7.5	20.3
3 12	9 30.61	+22 4.2	2.144	3.017	10.7	20.5
3 22	9 26.42	+22 11.4	2.243	3.030	13.4	20.7

60755 2000 GU_{101} 2 14.7 49.°73 1.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.48	+17 24.0	1.998	2.831	12.6	18.8
1 22	10 9.91	+17 41.4	1.928	2.837	9.3	18.6
2 1	10 2.24	+18 3.1	1.883	2.843	5.5	18.4
2 11	9 53.25	+18 24.1	1.865	2.848	2.0	18.2
2 21	9 43.91	+18 39.9	1.877	2.854	3.7	18.3
3 2	9 35.27	+18 46.8	1.917	2.860	7.4	18.5
3 12	9 28.25	+18 43.0	1.984	2.866	11.0	18.8
3 22	9 23.44	+18 28.3	2.073	2.873	14.0	19.0

150501 2000 QU_{125} 2 14.7 140.°05 0.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.98	+15 22.8	2.120	2.940	12.5	19.9
1 22	10 12.34	+15 27.6	2.046	2.948	9.2	19.7
2 1	10 3.64	+15 37.2	1.997	2.955	5.4	19.5
2 11	9 53.64	+15 47.8	1.978	2.962	1.6	19.2
2 21	9 43.31	+15 55.4	1.988	2.969	3.0	19.4
3 2	9 33.68	+15 57.0	2.029	2.975	6.9	19.6
3 12	9 25.65	+15 50.7	2.097	2.981	10.4	19.8
3 22	9 19.82	+15 36.1	2.189	2.987	13.4	20.1

237283 2008 XK_{16} 2 14.7 17.°83 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.44	+ 9 59.7	2.010	2.832	13.0	20.9
1 22	10 6.97	+10 27.3	1.932	2.833	9.7	20.7
2 1	10 0.54	+11 6.3	1.878	2.835	5.9	20.5
2 11	9 52.82	+11 52.7	1.852	2.836	1.7	20.2
2 21	9 44.68	+12 41.1	1.855	2.838	2.6	20.3
3 2	9 37.09	+13 26.4	1.887	2.840	6.7	20.5
3 12	9 30.93	+14 3.9	1.945	2.843	10.4	20.8
3 22	9 26.81	+14 31.0	2.026	2.845	13.6	21.0

374855 2006 VQ_{13} 2 14.7 229.°24 28.°4/18.4 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 41.61	−24 51.5	0.885	1.570	34.8	22.2
1 22	10 34.49	−28 6.3	0.796	1.553	32.9	21.8
2 1	10 20.54	−30 51.4	0.716	1.530	30.7	21.5
2 11	9 59.32	−32 40.1	0.647	1.503	28.9	21.2
2 21	9 32.09	−33 0.7	0.594	1.470	28.5	21.0
3 2	9 2.57	−31 29.2	0.556	1.431	30.3	20.8
3 12	8 35.86	−28 9.8	0.534	1.387	34.5	20.8
3 22	8 15.64	−23 33.7	0.524	1.337	40.3	20.8

193279 2000 SV_{212} 2 14.7 89.°60 3.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.07	+18 7.1	1.517	2.364	15.2	19.6
1 22	10 10.92	+19 26.2	1.461	2.377	11.1	19.4
2 1	10 3.09	+20 52.7	1.428	2.390	6.7	19.2
2 11	9 53.53	+22 16.6	1.423	2.402	3.7	19.0
2 21	9 43.53	+23 28.3	1.445	2.415	5.9	19.2
3 2	9 34.46	+24 20.6	1.494	2.427	10.0	19.4
3 12	9 27.52	+24 50.5	1.567	2.439	14.0	19.7
3 22	9 23.36	+24 59.0	1.660	2.451	17.3	20.0

338938 2004 EF_{59} 2 14.7 334.°43 4.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.20	+21 5.1	1.990	2.838	12.1	20.1
1 22	10 6.27	+22 29.1	1.916	2.831	8.9	19.9
2 1	10 0.23	+23 58.0	1.867	2.825	5.7	19.7
2 11	9 52.76	+25 23.6	1.846	2.819	4.1	19.6
2 21	9 44.77	+26 38.2	1.854	2.813	6.0	19.7
3 2	9 37.29	+27 35.5	1.889	2.808	9.2	19.8
3 12	9 31.32	+28 12.3	1.949	2.803	12.5	20.0
3 22	9 27.50	+28 28.5	2.030	2.799	15.3	20.2

466346 2013 RW_{48} 2 14.7 192.°59 1.°7/16.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.63	+ 5 3.5	2.295	3.091	12.4	22.0
1 22	10 7.67	+ 5 29.9	2.206	3.090	9.5	21.8
2 1	10 0.90	+ 6 10.3	2.142	3.088	6.1	21.6
2 11	9 52.93	+ 7 1.8	2.106	3.085	2.7	21.4
2 21	9 44.52	+ 7 59.8	2.100	3.083	2.5	21.3
3 2	9 36.54	+ 8 59.3	2.124	3.079	5.9	21.5
3 12	9 29.80	+ 9 55.1	2.177	3.075	9.4	21.8
3 22	9 24.90	+10 43.3	2.253	3.071	12.4	21.9

382749 2003 DB 2 14.7 328.°24 6.°5/ 7.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.75	+23 54.0	1.794	2.650	12.7	19.9
1 22	10 5.68	+26 27.6	1.712	2.629	9.6	19.7
2 1	10 0.17	+29 9.6	1.657	2.608	7.1	19.5
2 11	9 52.82	+31 47.0	1.631	2.588	6.7	19.4
2 21	9 44.59	+34 6.9	1.635	2.569	9.1	19.5
3 2	9 36.72	+35 59.2	1.665	2.550	12.4	19.7
3 12	9 30.46	+37 18.9	1.718	2.532	15.7	19.8
3 22	9 26.72	+38 6.5	1.789	2.515	18.5	20.0

370697 2004 JL_5 2 14.7 259.°79 3.°6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.20	+18 13.0	2.022	2.860	12.3	20.6
1 22	10 8.61	+19 52.8	1.930	2.841	9.1	20.4
2 1	10 1.75	+21 42.6	1.863	2.823	5.6	20.2
2 11	9 53.24	+23 33.9	1.826	2.803	3.6	20.0
2 21	9 43.96	+25 17.2	1.820	2.783	5.6	20.1
3 2	9 35.03	+26 44.5	1.842	2.763	9.3	20.3
3 12	9 27.55	+27 50.6	1.890	2.742	12.9	20.4
3 22	9 22.29	+28 34.1	1.959	2.721	16.0	20.6

57908 2002 ER_{31} 2 14.7 53.°35 3.°9/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.28	− 0 9.5	1.754	2.547	15.8	18.3
1 22	10 7.00	+ 0 4.6	1.685	2.560	12.5	18.1
2 1	10 0.62	+ 0 40.2	1.637	2.572	8.7	17.9
2 11	9 52.86	+ 1 34.8	1.615	2.585	5.1	17.7
2 21	9 44.72	+ 2 43.3	1.621	2.598	4.2	17.7
3 2	9 37.24	+ 3 58.5	1.654	2.612	7.1	17.9
3 12	9 31.37	+ 5 12.9	1.714	2.625	10.7	18.1
3 22	9 27.72	+ 6 20.1	1.797	2.639	14.1	18.4

344835 2004 FZ_{92} 2 14.7 4.°04 2.°8/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.89	+16 55.9	1.281	2.132	17.1	20.4
1 22	10 12.79	+17 34.6	1.214	2.132	12.6	20.1
2 1	10 4.48	+18 22.6	1.169	2.132	7.6	19.8
2 11	9 53.99	+19 11.0	1.149	2.132	3.0	19.6
2 21	9 42.81	+19 51.0	1.155	2.133	5.4	19.7
3 2	9 32.65	+20 15.4	1.186	2.133	10.6	20.0
3 12	9 24.97	+20 21.1	1.241	2.134	15.4	20.3
3 22	9 20.60	+20 8.4	1.314	2.135	19.4	20.5

286164 2001 UQ_3 2 14.7 152.°38 12.°5/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 32.19	+47 4.0	1.852	2.646	15.0	21.7
1 22	10 23.25	+48 44.7	1.816	2.655	13.4	21.6
2 1	10 10.60	+50 3.7	1.803	2.664	12.6	21.6
2 11	9 55.61	+50 49.2	1.814	2.671	12.8	21.6
2 21	9 40.23	+50 54.6	1.849	2.678	13.9	21.7
3 2	9 26.52	+50 20.2	1.905	2.684	15.6	21.8
3 12	9 16.01	+49 12.3	1.981	2.689	17.4	21.9
3 22	9 9.40	+47 39.7	2.073	2.694	19.0	22.1

501890 2014 WR_{422} 2 14.7 356.°61 5.°0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.11	+ 0 34.3	1.349	2.170	18.2	20.0
1 22	10 4.59	+ 0 20.5	1.273	2.163	14.5	19.7
2 1	9 59.49	+ 0 31.5	1.217	2.158	10.3	19.5
2 11	9 52.62	+ 1 6.5	1.184	2.155	6.3	19.2
2 21	9 45.09	+ 2 1.0	1.175	2.153	5.2	19.1
3 2	9 38.25	+ 3 7.4	1.190	2.152	8.5	19.3
3 12	9 33.30	+ 4 16.3	1.230	2.154	12.9	19.6
3 22	9 31.03	+ 5 19.3	1.290	2.157	16.9	19.8

502036 2015 AR_{128} 2 14.7 327.°77 0.°0/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.02	+10 42.9	1.967	2.791	13.1	21.5
1 22	10 7.48	+11 16.1	1.887	2.790	9.8	21.2
2 1	10 0.91	+12 0.9	1.831	2.789	5.9	21.0
2 11	9 52.96	+12 52.7	1.802	2.787	1.6	20.7
2 21	9 44.55	+13 45.7	1.803	2.786	2.8	20.8
3 2	9 36.69	+14 34.4	1.832	2.785	7.0	21.1
3 12	9 30.29	+15 14.1	1.888	2.783	10.8	21.3
3 22	9 26.00	+15 42.0	1.967	2.782	14.0	21.5

231789 2000 CA_{131} 2 14.7 124.°44 0.°0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.08	+11 12.0	2.262	3.079	11.9	21.1
1 22	10 7.95	+11 38.0	2.187	3.087	8.8	20.9
2 1	10 1.03	+12 13.1	2.138	3.094	5.3	20.7
2 11	9 52.98	+12 53.2	2.117	3.102	1.4	20.5
2 21	9 44.58	+13 33.8	2.126	3.109	2.4	20.6
3 2	9 36.73	+14 10.5	2.165	3.116	6.2	20.8
3 12	9 30.21	+14 39.8	2.232	3.123	9.5	21.0
3 22	9 25.56	+14 59.7	2.322	3.129	12.4	21.2

292674 2006 UM_{79} 2 14.7 255.°23 4.°7/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.25	− 1 30.3	2.005	2.777	14.8	21.7
1 22	10 9.30	− 1 36.5	1.898	2.758	12.0	21.4
2 1	10 2.14	− 1 23.2	1.813	2.738	8.8	21.2
2 11	9 53.36	− 0 50.4	1.754	2.717	5.7	20.9
2 21	9 43.82	− 0 0.9	1.724	2.696	4.8	20.8
3 2	9 34.60	+ 1 0.6	1.722	2.674	7.4	21.0
3 12	9 26.74	+ 2 7.2	1.747	2.651	11.0	21.1
3 22	9 21.03	+ 3 12.4	1.796	2.628	14.5	21.3

244140 2001 VZ_{132} 2 14.7 148.°32 4.°9/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.38	− 5 34.1	2.727	3.463	12.2	21.1
1 22	10 6.47	− 5 53.0	2.639	3.469	10.0	21.0
2 1	10 0.07	− 5 55.9	2.575	3.474	7.7	20.8
2 11	9 52.71	− 5 42.8	2.538	3.479	5.7	20.7
2 21	9 45.02	− 5 15.4	2.529	3.484	5.0	20.6
3 2	9 37.70	− 4 36.6	2.550	3.489	6.1	20.7
3 12	9 31.43	− 3 50.8	2.599	3.493	8.2	20.9
3 22	9 26.67	− 3 2.7	2.673	3.497	10.5	21.0

139906 2001 RZ_{104} 2 14.7 130.°33 1.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.23	+15 6.8	2.076	2.903	12.4	20.4
1 22	10 9.67	+15 58.1	2.009	2.916	9.1	20.2
2 1	10 2.11	+16 56.7	1.968	2.928	5.3	20.0
2 11	9 53.28	+17 56.7	1.956	2.939	1.9	19.8
2 21	9 44.10	+18 51.8	1.973	2.950	3.6	20.0
3 2	9 35.56	+19 36.9	2.020	2.961	7.3	20.2
3 12	9 28.56	+20 8.9	2.094	2.971	10.7	20.4
3 22	9 23.67	+20 26.7	2.190	2.980	13.6	20.7

225905 2002 AW_{29} 2 14.7 283.°41 2.°9/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.73	+ 5 44.5	1.887	2.689	14.5	20.0
1 22	10 11.09	+ 5 15.0	1.796	2.681	11.3	19.8
2 1	10 3.15	+ 4 57.8	1.728	2.672	7.5	19.6
2 11	9 53.61	+ 4 51.8	1.688	2.664	3.9	19.3
2 21	9 43.47	+ 4 54.9	1.676	2.656	3.6	19.3
3 2	9 33.86	+ 5 3.6	1.693	2.648	7.2	19.5
3 12	9 25.85	+ 5 13.9	1.737	2.640	11.1	19.7
3 22	9 20.16	+ 5 22.2	1.803	2.632	14.6	19.9

286971 2002 QC_{13} 2 14.7 66.°73 2.°1/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.57	+ 5 56.9	1.537	2.351	16.7	20.9
1 22	10 11.65	+ 6 9.9	1.488	2.382	12.6	20.7
2 1	10 3.33	+ 6 40.0	1.462	2.412	8.0	20.5
2 11	9 53.60	+ 7 22.6	1.462	2.443	3.3	20.3
2 21	9 43.67	+ 8 11.6	1.490	2.473	3.2	20.3
3 2	9 34.78	+ 9 0.4	1.546	2.503	7.5	20.7
3 12	9 27.95	+ 9 43.0	1.627	2.533	11.6	21.0
3 22	9 23.72	+10 15.8	1.731	2.562	15.0	21.3

45524 2000 CL_2 2 14.7 80.°58 2.°2/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.02	+15 46.3	2.102	2.937	12.0	18.4
1 22	10 6.69	+16 59.8	2.027	2.938	8.7	18.2
2 1	10 0.41	+18 21.6	1.978	2.939	5.2	18.0
2 11	9 52.84	+19 45.0	1.958	2.940	2.3	17.8
2 21	9 44.82	+21 2.9	1.967	2.941	4.1	17.9
3 2	9 37.31	+22 9.1	2.005	2.941	7.7	18.1
3 12	9 31.19	+22 59.4	2.070	2.942	11.1	18.3
3 22	9 27.07	+23 32.6	2.157	2.943	14.0	18.5

64895 2001 YD_{80} 2 14.7 295.°21 0.°5/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.99	+12 46.2	2.348	3.171	11.3	19.3
1 22	10 6.49	+13 13.1	2.258	3.162	8.4	19.0
2 1	10 0.23	+13 48.2	2.195	3.153	5.0	18.8
2 11	9 52.79	+14 27.4	2.160	3.144	1.3	18.5
2 21	9 44.92	+15 6.4	2.154	3.136	2.6	18.6
3 2	9 37.46	+15 40.8	2.178	3.127	6.3	18.8
3 12	9 31.22	+16 7.3	2.229	3.119	9.6	19.0
3 22	9 26.77	+16 23.9	2.304	3.110	12.6	19.2

490659 2010 GS_{111} 2 14.7 233.°72 0.°9/14.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.38	+13 17.2	1.849	2.674	13.8	22.8
1 22	10 11.74	+13 52.2	1.757	2.661	10.3	22.5
2 1	10 3.64	+14 37.7	1.689	2.648	6.1	22.2
2 11	9 53.78	+15 28.4	1.649	2.634	1.7	21.9
2 21	9 43.20	+16 17.7	1.639	2.620	3.5	22.0
3 2	9 33.13	+16 59.6	1.657	2.604	8.1	22.2
3 12	9 24.73	+17 29.5	1.702	2.588	12.3	22.5
3 22	9 18.80	+17 45.6	1.769	2.572	15.9	22.7

52931 1998 SN_{127} 2 14.7 77.°68 2.°4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.76	+14 59.9	1.372	2.220	16.4	18.7
1 22	10 11.00	+16 2.3	1.308	2.224	12.1	18.4
2 1	10 3.32	+17 16.8	1.266	2.229	7.1	18.2
2 11	9 53.69	+18 34.5	1.249	2.233	2.7	17.9
2 21	9 43.44	+19 45.1	1.260	2.238	5.1	18.1
3 2	9 34.11	+20 40.2	1.297	2.242	10.0	18.4
3 12	9 27.03	+21 15.1	1.357	2.246	14.6	18.6
3 22	9 22.97	+21 29.1	1.437	2.251	18.4	18.9

417111 2005 UM_{439} 2 14.7 80.°45 1.°8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.00	+ 6 27.2	1.827	2.637	14.6	21.4
1 22	10 9.62	+ 6 38.8	1.763	2.655	11.1	21.2
2 1	10 2.11	+ 7 4.9	1.723	2.673	7.0	21.0
2 11	9 53.30	+ 7 41.9	1.710	2.691	2.9	20.8
2 21	9 44.16	+ 8 24.9	1.726	2.709	2.8	20.8
3 2	9 35.79	+ 9 8.2	1.770	2.727	6.8	21.1
3 12	9 29.09	+ 9 46.8	1.841	2.744	10.6	21.4
3 22	9 24.64	+10 17.4	1.936	2.762	13.8	21.6

26282 1998 SD_{56} 2 14.7 251.°34 1.°0/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.22	+13 54.6	1.595	2.426	15.3	18.2
1 22	10 13.48	+14 15.6	1.504	2.411	11.5	17.9
2 1	10 4.87	+14 46.9	1.437	2.396	6.9	17.6
2 11	9 54.16	+15 23.0	1.396	2.381	1.9	17.2
2 21	9 42.59	+15 57.2	1.383	2.364	3.8	17.3
3 2	9 31.61	+16 23.3	1.398	2.348	9.0	17.6
3 12	9 22.61	+16 37.2	1.438	2.330	13.7	17.8
3 22	9 16.50	+16 37.3	1.499	2.313	17.8	18.0

196577 2003 QT_{40} 2 14.7 206.°98 0.°3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.38	+11 5.6	2.312	3.129	11.7	20.8
1 22	10 7.53	+11 47.0	2.225	3.125	8.7	20.6
2 1	10 0.86	+12 38.6	2.164	3.121	5.2	20.4
2 11	9 52.98	+13 36.0	2.131	3.116	1.4	20.1
2 21	9 44.65	+14 34.0	2.129	3.111	2.6	20.2
3 2	9 36.76	+15 27.4	2.157	3.106	6.3	20.4
3 12	9 30.12	+16 12.0	2.212	3.100	9.8	20.6
3 22	9 25.31	+16 45.5	2.292	3.094	12.7	20.8

445903 2012 VH_{105} 2 14.7 343.°74 5.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.68	+20 56.8	1.166	2.030	17.6	20.6
1 22	10 12.27	+21 53.9	1.102	2.025	13.1	20.3
2 1	10 4.36	+22 56.9	1.058	2.021	8.3	20.0
2 11	9 54.03	+23 54.5	1.039	2.017	5.1	19.8
2 21	9 42.90	+24 35.7	1.044	2.014	7.6	20.0
3 2	9 32.86	+24 52.9	1.073	2.012	12.4	20.2
3 12	9 25.54	+24 44.5	1.123	2.010	17.2	20.5
3 22	9 21.81	+24 13.1	1.191	2.009	21.2	20.7

356981 1996 RS_8 2 14.7 286.°63 1.°5/15.8 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.11	+ 6 25.9	1.531	2.354	16.3	22.1
1 22	10 9.06	+ 6 55.4	1.434	2.334	12.5	21.8
2 1	10 2.29	+ 7 45.4	1.359	2.313	8.0	21.4
2 11	9 53.48	+ 8 52.4	1.309	2.292	3.0	21.1
2 21	9 43.71	+10 9.3	1.287	2.271	3.3	21.1
3 2	9 34.38	+11 27.5	1.291	2.249	8.5	21.3
3 12	9 26.83	+12 38.2	1.320	2.228	13.5	21.5
3 22	9 22.02	+13 35.4	1.371	2.207	17.9	21.7

262035 2006 QD_{134} 2 14.7 177.°27 0.°6/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.33	+ 8 50.2	2.113	2.922	12.9	22.0
1 22	10 9.79	+ 9 19.4	2.030	2.924	9.7	21.8
2 1	10 2.25	+10 0.5	1.973	2.926	5.9	21.6
2 11	9 53.37	+10 49.7	1.943	2.927	1.9	21.3
2 21	9 44.03	+11 41.8	1.944	2.927	2.5	21.3
3 2	9 35.23	+12 31.5	1.975	2.927	6.5	21.6
3 12	9 27.86	+13 14.1	2.033	2.926	10.2	21.8
3 22	9 22.55	+13 46.8	2.115	2.925	13.4	22.0

9438 Satie 2 14.7 202.°48 1.°4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.62	+ 6 34.1	1.861	2.667	14.5	20.2
1 22	10 11.07	+ 7 3.2	1.772	2.663	11.1	20.0
2 1	10 3.18	+ 7 48.5	1.707	2.658	7.0	19.7
2 11	9 53.66	+ 8 46.0	1.670	2.652	2.7	19.4
2 21	9 43.51	+ 9 50.0	1.662	2.645	2.8	19.4
3 2	9 33.88	+10 53.6	1.683	2.638	7.3	19.7
3 12	9 25.88	+11 50.7	1.732	2.630	11.4	19.9
3 22	9 20.23	+12 37.0	1.803	2.621	15.1	20.1

89380 2001 VF_{96} 2 14.7 151.°78 3.°1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.54	+ 0 6.7	2.251	3.027	13.3	20.3
1 22	10 7.59	+ 0 33.9	2.168	3.034	10.4	20.2
2 1	10 0.87	+ 1 19.0	2.109	3.042	7.2	20.0
2 11	9 52.98	+ 2 19.5	2.078	3.048	4.1	19.8
2 21	9 44.71	+ 3 30.8	2.077	3.054	3.4	19.7
3 2	9 36.92	+ 4 47.1	2.105	3.060	6.0	19.9
3 12	9 30.41	+ 6 2.3	2.162	3.065	9.2	20.1
3 22	9 25.73	+ 7 11.1	2.244	3.070	12.2	20.3

471518 2012 FX_5 2 14.7 347.°65 2.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.92	+20 1.3	1.424	2.269	16.1	20.4
1 22	10 14.81	+19 53.6	1.350	2.264	12.0	20.1
2 1	10 5.61	+19 47.2	1.298	2.259	7.3	19.9
2 11	9 54.34	+19 36.0	1.273	2.256	3.0	19.6
2 21	9 42.47	+19 15.1	1.274	2.252	4.9	19.7
3 2	9 31.62	+18 41.7	1.303	2.250	9.8	20.0
3 12	9 23.18	+17 56.0	1.355	2.248	14.4	20.2
3 22	9 17.93	+16 59.9	1.428	2.247	18.2	20.5

496513 2014 UJ_{173} 2 14.7 359.°47 6.°4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.85	− 6 18.8	1.570	2.345	18.1	21.2
1 22	10 5.60	− 6 7.8	1.488	2.344	15.0	20.9
2 1	10 0.01	− 5 26.5	1.426	2.343	11.3	20.7
2 11	9 52.80	− 4 15.1	1.388	2.342	7.9	20.5
2 21	9 44.99	− 2 38.5	1.375	2.343	6.4	20.4
3 2	9 37.77	− 0 45.3	1.388	2.343	8.4	20.5
3 12	9 32.25	+ 1 12.8	1.427	2.345	12.0	20.7
3 22	9 29.15	+ 3 5.5	1.489	2.346	15.6	21.0

463779 2014 SL_{218} 2 14.7 16.°61 6.°4/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 8.90	− 5 38.8	1.526	2.308	18.3	20.3
1 22	10 5.63	− 5 34.7	1.452	2.311	15.0	20.1
2 1	10 0.01	− 5 1.0	1.397	2.316	11.3	19.9
2 11	9 52.79	− 3 58.2	1.366	2.321	7.9	19.7
2 21	9 45.04	− 2 31.2	1.359	2.328	6.4	19.6
3 2	9 37.94	− 0 48.6	1.379	2.334	8.4	19.7
3 12	9 32.60	+ 0 58.5	1.424	2.342	11.9	19.9
3 22	9 29.71	+ 2 40.3	1.491	2.350	15.5	20.2

329274 1999 TO_{256} 2 14.7 154.°70 0.°9/15.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.03	+ 7 46.2	2.506	3.307	11.4	22.2
1 22	10 7.79	+ 8 14.6	2.426	3.315	8.5	22.0
2 1	10 0.91	+ 8 53.7	2.371	3.322	5.3	21.8
2 11	9 52.99	+ 9 40.3	2.346	3.329	1.9	21.6
2 21	9 44.74	+10 30.1	2.352	3.335	2.1	21.6
3 2	9 36.95	+11 18.6	2.388	3.341	5.5	21.9
3 12	9 30.34	+12 2.0	2.452	3.346	8.7	22.1
3 22	9 25.42	+12 37.5	2.542	3.350	11.5	22.3

489508 2007 OL_{10} 2 14.7 232.°60 2.°0/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.54	+17 0.0	2.211	3.031	12.0	23.7
1 22	10 13.08	+17 42.2	2.110	3.013	8.9	23.4
2 1	10 4.35	+18 30.6	2.036	2.993	5.4	23.2
2 11	9 54.00	+19 19.8	1.991	2.973	2.2	22.9
2 21	9 42.95	+20 3.8	1.976	2.951	3.9	23.0
3 2	9 32.30	+20 37.4	1.993	2.928	7.8	23.2
3 12	9 23.08	+20 57.7	2.037	2.904	11.4	23.4
3 22	9 16.07	+21 3.7	2.104	2.879	14.6	23.5

393802 2005 QK_{38} 2 14.7 121.°61 1.°7/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.60	+ 4 58.1	1.712	2.516	15.7	21.7
1 22	10 11.69	+ 5 38.4	1.647	2.536	11.9	21.5
2 1	10 3.44	+ 6 37.0	1.606	2.555	7.5	21.3
2 11	9 53.70	+ 7 48.8	1.592	2.573	3.0	21.1
2 21	9 43.58	+ 9 6.8	1.607	2.590	3.0	21.1
3 2	9 34.28	+10 23.0	1.651	2.606	7.3	21.4
3 12	9 26.81	+11 30.7	1.722	2.622	11.4	21.7
3 22	9 21.82	+12 25.7	1.816	2.636	14.9	21.9

363168 2001 TU_{27} 2 14.7 155.°71 4.°8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.69	− 5 35.4	2.588	3.323	12.8	22.5
1 22	10 8.23	− 5 35.5	2.502	3.333	10.5	22.4
2 1	10 1.17	− 5 17.8	2.440	3.342	7.9	22.2
2 11	9 53.06	− 4 42.8	2.405	3.351	5.7	22.1
2 21	9 44.62	− 3 53.1	2.399	3.358	4.8	22.0
3 2	9 36.61	− 2 52.7	2.423	3.365	6.2	22.1
3 12	9 29.74	− 1 47.1	2.476	3.372	8.5	22.3
3 22	9 24.53	− 0 41.4	2.555	3.377	11.0	22.5

239511 2007 VF_{269} 2 14.7 140.°98 2.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.17	+19 35.0	2.418	3.252	10.7	20.5
1 22	10 7.30	+20 32.1	2.347	3.256	7.8	20.3
2 1	10 0.68	+21 32.6	2.302	3.260	4.8	20.1
2 11	9 52.94	+22 30.9	2.287	3.265	2.8	20.0
2 21	9 44.86	+23 21.6	2.301	3.268	4.3	20.1
3 2	9 37.27	+24 0.5	2.345	3.272	7.2	20.3
3 12	9 30.96	+24 25.2	2.415	3.276	10.1	20.4
3 22	9 26.46	+24 35.4	2.508	3.279	12.6	20.6

333688 2008 UU_{108} 2 14.7 145.°03 1.°0/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.25	+14 48.0	2.329	3.152	11.4	21.4
1 22	10 8.81	+15 13.5	2.253	3.157	8.4	21.2
2 1	10 1.58	+15 44.9	2.204	3.162	4.9	21.0
2 11	9 53.19	+16 18.2	2.183	3.167	1.5	20.8
2 21	9 44.47	+16 48.7	2.192	3.172	2.9	20.9
3 2	9 36.30	+17 12.9	2.231	3.176	6.4	21.1
3 12	9 29.46	+17 28.0	2.298	3.180	9.7	21.4
3 22	9 24.50	+17 33.0	2.388	3.184	12.5	21.5

116367 2003 YZ_{102} 2 14.7 219.°78 2.°4/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.35	+ 4 50.5	1.969	2.768	14.1	20.2
1 22	10 10.02	+ 4 53.9	1.878	2.762	10.9	20.0
2 1	10 2.52	+ 5 12.3	1.810	2.755	7.2	19.7
2 11	9 53.51	+ 5 43.5	1.770	2.747	3.5	19.5
2 21	9 43.91	+ 6 23.5	1.758	2.740	3.1	19.4
3 2	9 34.81	+ 7 7.3	1.776	2.732	6.8	19.6
3 12	9 27.19	+ 7 49.4	1.821	2.723	10.7	19.9
3 22	9 21.76	+ 8 25.6	1.889	2.714	14.2	20.1

159456 2000 ER_{131} 2 14.7 317.°16 3.°9/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.13	+19 50.7	1.250	2.107	17.1	19.6
1 22	10 13.27	+20 22.4	1.175	2.095	12.8	19.3
2 1	10 4.99	+20 59.7	1.122	2.084	7.9	19.0
2 11	9 54.26	+21 33.6	1.093	2.074	4.0	18.7
2 21	9 42.65	+21 55.2	1.089	2.064	6.3	18.8
3 2	9 31.97	+21 58.1	1.110	2.054	11.5	19.1
3 12	9 23.87	+21 40.3	1.153	2.045	16.4	19.3
3 22	9 19.27	+21 3.7	1.215	2.037	20.6	19.6

245179 2004 TZ_{172} 2 14.7 179.°87 5.°2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.20	− 5 9.7	2.458	3.200	13.2	20.9
1 22	10 8.01	− 5 26.3	2.367	3.201	10.9	20.8
2 1	10 1.12	− 5 25.2	2.298	3.202	8.3	20.6
2 11	9 53.09	− 5 6.6	2.257	3.202	6.0	20.5
2 21	9 44.64	− 4 32.1	2.244	3.202	5.2	20.4
3 2	9 36.59	− 3 45.4	2.260	3.201	6.6	20.5
3 12	9 29.71	− 2 51.5	2.304	3.200	9.1	20.6
3 22	9 24.55	− 1 55.9	2.373	3.198	11.6	20.8

390958 2005 NG_{61} 2 14.7 188.°12 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.62	+10 11.3	1.825	2.641	14.4	22.2
1 22	10 12.57	+10 44.0	1.742	2.640	10.8	22.0
2 1	10 4.09	+11 29.6	1.684	2.639	6.5	21.7
2 11	9 53.95	+12 23.2	1.653	2.637	1.9	21.4
2 21	9 43.21	+13 18.4	1.652	2.635	3.0	21.5
3 2	9 33.09	+14 8.9	1.680	2.631	7.6	21.8
3 12	9 24.71	+14 49.6	1.735	2.626	11.8	22.0
3 22	9 18.81	+15 17.9	1.812	2.621	15.4	22.2

414864 2010 VE_{108} 2 14.7 107.°86 0.°9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 14.33	+ 7 46.1	1.857	2.671	14.2	21.9
1 22	10 9.19	+ 8 20.5	1.788	2.684	10.7	21.7
2 1	10 1.94	+ 9 9.3	1.743	2.696	6.6	21.5
2 11	9 53.32	+10 7.8	1.725	2.709	2.2	21.2
2 21	9 44.31	+11 9.8	1.737	2.721	2.7	21.3
3 2	9 35.99	+12 9.0	1.778	2.732	6.9	21.5
3 12	9 29.29	+13 0.0	1.845	2.744	10.8	21.8
3 22	9 24.82	+13 39.4	1.935	2.755	14.1	22.0

369345 2009 SQ_{334} 2 14.7 129.°61 2.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.63	+18 18.7	2.207	3.031	11.9	20.9
1 22	10 12.05	+18 39.3	2.139	3.043	8.7	20.8
2 1	10 3.49	+19 2.9	2.097	3.055	5.2	20.6
2 11	9 53.73	+19 24.6	2.084	3.066	2.2	20.4
2 21	9 43.67	+19 40.1	2.102	3.078	3.6	20.5
3 2	9 34.33	+19 46.2	2.150	3.088	7.1	20.7
3 12	9 26.57	+19 41.6	2.225	3.098	10.4	21.0
3 22	9 20.92	+19 26.4	2.323	3.108	13.1	21.2

154912 2004 SQ_4 2 14.7 213.°75 2.°6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.05	+ 2 21.3	2.307	3.093	12.7	20.7
1 22	10 7.31	+ 2 41.6	2.213	3.087	9.9	20.5
2 1	10 0.77	+ 3 17.6	2.143	3.081	6.7	20.3
2 11	9 53.01	+ 4 7.1	2.100	3.075	3.6	20.1
2 21	9 44.79	+ 5 6.2	2.088	3.068	3.0	20.0
3 2	9 36.95	+ 6 9.7	2.105	3.061	6.0	20.2
3 12	9 30.32	+ 7 12.1	2.151	3.053	9.3	20.4
3 22	9 25.48	+ 8 8.6	2.221	3.045	12.4	20.6

452612 2005 QM_{80} 2 14.7 140.°16 0.°6/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.27	+11 19.5	1.719	2.542	14.8	22.2
1 22	10 12.29	+12 11.5	1.652	2.555	10.9	22.0
2 1	10 3.88	+13 16.2	1.609	2.567	6.5	21.8
2 11	9 53.88	+14 27.0	1.593	2.578	1.7	21.5
2 21	9 43.43	+15 36.1	1.608	2.589	3.4	21.6
3 2	9 33.78	+16 36.6	1.651	2.599	8.0	21.9
3 12	9 26.00	+17 23.3	1.720	2.608	12.1	22.2
3 22	9 20.77	+17 54.5	1.811	2.616	15.5	22.4

370756 2004 RT_{248} 2 14.7 124.°39 10.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.17	−23 19.2	2.378	2.993	16.5	21.0
1 22	10 8.17	−24 10.5	2.299	3.005	15.0	20.9
2 1	10 1.29	−24 34.7	2.237	3.016	13.3	20.8
2 11	9 53.16	−24 28.7	2.196	3.027	11.9	20.7
2 21	9 44.60	−23 51.9	2.178	3.037	10.9	20.7
3 2	9 36.52	−22 47.1	2.183	3.047	10.8	20.7
3 12	9 29.76	−21 20.5	2.214	3.057	11.6	20.8
3 22	9 24.91	−19 40.3	2.267	3.066	13.0	20.9

114665 2003 FS_{28} 2 14.7 232.°74 3.°4/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.00	+17 38.5	1.649	2.491	14.4	20.0
1 22	10 11.01	+18 53.2	1.569	2.483	10.6	19.7
2 1	10 3.35	+20 17.4	1.514	2.475	6.5	19.5
2 11	9 53.80	+21 42.3	1.487	2.467	3.4	19.3
2 21	9 43.51	+22 58.2	1.487	2.458	5.6	19.4
3 2	9 33.86	+23 57.2	1.515	2.449	9.9	19.6
3 12	9 26.10	+24 35.1	1.567	2.439	14.0	19.8
3 22	9 21.06	+24 51.4	1.640	2.429	17.5	20.0

121987 2000 EU_{188} 2 14.7 144.°74 1.°8/16.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.81	+ 3 10.7	2.396	3.180	12.3	20.5
1 22	10 8.42	+ 3 59.3	2.318	3.194	9.5	20.4
2 1	10 1.34	+ 5 3.2	2.265	3.207	6.1	20.2
2 11	9 53.16	+ 6 18.8	2.241	3.219	2.8	20.0
2 21	9 44.65	+ 7 40.8	2.248	3.230	2.4	20.0
3 2	9 36.63	+ 9 3.1	2.287	3.241	5.6	20.2
3 12	9 29.84	+10 20.1	2.354	3.250	8.9	20.4
3 22	9 24.83	+11 27.7	2.448	3.259	11.7	20.6

286266 2001 VH_{39} 2 14.7 79.°13 2.°9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.95	+ 4 17.1	1.430	2.244	17.7	20.7
1 22	10 11.57	+ 4 22.2	1.370	2.261	13.6	20.4
2 1	10 3.54	+ 4 47.4	1.330	2.278	8.9	20.2
2 11	9 53.80	+ 5 29.4	1.316	2.295	4.3	20.0
2 21	9 43.64	+ 6 21.9	1.329	2.311	3.8	20.0
3 2	9 34.45	+ 7 17.5	1.369	2.328	8.1	20.3
3 12	9 27.38	+ 8 8.7	1.434	2.344	12.5	20.6
3 22	9 23.11	+ 8 50.6	1.520	2.360	16.3	20.9

318154 2004 PC_{103} 2 14.7 165.°88 4.°2/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.10	− 4 1.4	2.574	3.322	12.5	20.8
1 22	10 7.12	− 3 50.1	2.485	3.327	10.2	20.6
2 1	10 0.56	− 3 21.3	2.420	3.332	7.5	20.5
2 11	9 52.96	− 2 35.9	2.382	3.336	5.1	20.3
2 21	9 45.00	− 1 37.1	2.373	3.340	4.3	20.3
3 2	9 37.45	− 0 29.2	2.395	3.343	5.9	20.4
3 12	9 30.99	+ 0 42.2	2.445	3.345	8.4	20.5
3 22	9 26.16	+ 1 51.8	2.521	3.347	11.0	20.7

317027 2001 QJ_{229} 2 14.7 122.°88 4.°3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.06	− 3 6.5	2.106	2.869	14.5	21.5
1 22	10 8.07	− 2 47.3	2.030	2.883	11.6	21.3
2 1	10 1.21	− 2 7.2	1.976	2.897	8.4	21.2
2 11	9 53.15	− 1 8.3	1.950	2.910	5.4	21.0
2 21	9 44.73	+ 0 5.2	1.952	2.923	4.4	21.0
3 2	9 36.87	+ 1 26.9	1.983	2.936	6.5	21.1
3 12	9 30.41	+ 2 49.9	2.043	2.947	9.6	21.3
3 22	9 25.88	+ 4 7.8	2.127	2.959	12.6	21.5

303970 2006 AD_{88} 2 14.7 292.°50 5.°0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.82	+ 1 32.3	1.423	2.229	18.2	21.2
1 22	10 11.11	+ 1 4.4	1.339	2.222	14.5	21.0
2 1	10 3.53	+ 0 57.7	1.276	2.215	10.2	20.7
2 11	9 53.89	+ 1 12.2	1.237	2.208	6.2	20.5
2 21	9 43.42	+ 1 44.8	1.224	2.200	5.3	20.4
3 2	9 33.61	+ 2 29.5	1.236	2.194	8.9	20.6
3 12	9 25.81	+ 3 18.4	1.273	2.187	13.4	20.8
3 22	9 20.94	+ 4 4.3	1.331	2.180	17.6	21.0

301321 2009 BP_{162} 2 14.7 283.°63 3.°7/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.23	+24 27.6	2.386	3.218	10.9	20.4
1 22	10 10.42	+24 54.1	2.300	3.206	8.1	20.2
2 1	10 2.64	+25 19.5	2.241	3.194	5.4	20.0
2 11	9 53.56	+25 38.5	2.210	3.181	3.7	19.9
2 21	9 44.05	+25 46.7	2.208	3.169	5.1	19.9
3 2	9 35.07	+25 41.3	2.236	3.157	7.9	20.1
3 12	9 27.50	+25 21.5	2.290	3.144	10.9	20.3
3 22	9 21.96	+24 48.5	2.367	3.132	13.5	20.4

14185 Van Ness 2 14.7 147.°06 2.°9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.86	+20 1.1	2.152	2.981	12.0	18.4
1 22	10 11.63	+20 45.4	2.084	2.991	8.8	18.2
2 1	10 3.34	+21 32.3	2.043	3.000	5.4	18.0
2 11	9 53.74	+22 15.8	2.030	3.008	3.0	17.8
2 21	9 43.80	+22 50.3	2.047	3.016	4.5	17.9
3 2	9 34.54	+23 12.0	2.094	3.024	7.8	18.2
3 12	9 26.88	+23 19.1	2.168	3.031	11.0	18.4
3 22	9 21.39	+23 12.2	2.264	3.037	13.8	18.6

411296 2010 TH_{79} 2 14.7 128.°17 7.°0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.22	−10 36.4	2.078	2.799	15.9	21.9
1 22	10 8.27	−10 39.7	1.999	2.811	13.4	21.7
2 1	10 1.37	−10 17.7	1.940	2.824	10.7	21.6
2 11	9 53.21	− 9 29.9	1.906	2.835	8.2	21.4
2 21	9 44.65	− 8 19.1	1.899	2.846	7.0	21.4
3 2	9 36.64	− 6 51.1	1.920	2.857	7.9	21.5
3 12	9 30.06	− 5 14.0	1.969	2.867	10.3	21.6
3 22	9 25.48	− 3 35.9	2.042	2.877	12.9	21.8

46326 2001 QU_{148} 2 14.7 109.°94 3.°7/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.33	+19 7.9	1.587	2.428	14.9	19.2
1 22	10 13.23	+20 18.4	1.534	2.446	10.9	19.0
2 1	10 4.49	+21 34.2	1.504	2.463	6.7	18.7
2 11	9 54.08	+22 45.6	1.502	2.480	3.8	18.6
2 21	9 43.29	+23 44.2	1.527	2.496	5.8	18.8
3 2	9 33.50	+24 23.9	1.581	2.512	9.8	19.0
3 12	9 25.87	+24 42.7	1.659	2.527	13.5	19.3
3 22	9 21.03	+24 42.0	1.757	2.542	16.7	19.5

9745 Shinkenwada 2 14.8 88.°89 0.°7/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.75	+ 8 47.5	2.104	2.918	12.8	18.6
1 22	10 7.84	+ 9 12.4	2.033	2.929	9.6	18.4
2 1	10 1.08	+ 9 48.8	1.986	2.940	5.9	18.2
2 11	9 53.12	+10 32.9	1.968	2.951	1.9	18.0
2 21	9 44.84	+11 19.7	1.978	2.962	2.4	18.0
3 2	9 37.13	+12 4.4	2.018	2.972	6.3	18.3
3 12	9 30.83	+12 42.6	2.085	2.983	9.8	18.5
3 22	9 26.49	+13 11.5	2.176	2.993	12.8	18.7

192536 1998 SF_{88} 2 14.8 103.°83 2.°0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.47	+ 6 38.5	1.534	2.347	16.7	21.1
1 22	10 13.29	+ 6 44.5	1.472	2.365	12.7	20.9
2 1	10 4.51	+ 7 6.9	1.432	2.383	8.1	20.6
2 11	9 54.09	+ 7 41.9	1.419	2.400	3.3	20.4
2 21	9 43.28	+ 8 23.8	1.434	2.417	3.3	20.4
3 2	9 33.43	+ 9 6.1	1.477	2.433	7.8	20.7
3 12	9 25.67	+ 9 43.1	1.545	2.449	12.2	21.0
3 22	9 20.67	+10 10.9	1.635	2.464	15.8	21.3

188016 2001 TS_{163} 2 14.8 95.°73 1.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.96	+13 18.9	1.832	2.662	13.7	21.0
1 22	10 9.72	+14 2.0	1.767	2.674	10.1	20.8
2 1	10 2.29	+14 54.6	1.727	2.687	5.9	20.6
2 11	9 53.48	+15 50.8	1.715	2.700	1.7	20.3
2 21	9 44.29	+16 44.0	1.731	2.712	3.4	20.5
3 2	9 35.83	+17 28.6	1.776	2.724	7.6	20.8
3 12	9 29.08	+18 0.6	1.848	2.736	11.4	21.0
3 22	9 24.62	+18 18.7	1.941	2.748	14.6	21.3

283217 2010 OV_{70} 2 14.8 209.°05 3.°6/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.43	− 3 1.7	2.807	3.561	11.5	21.3
1 22	10 5.11	− 2 41.0	2.709	3.556	9.3	21.1
2 1	9 59.36	− 2 4.1	2.634	3.551	6.8	21.0
2 11	9 52.66	− 1 12.2	2.587	3.546	4.4	20.8
2 21	9 45.59	− 0 8.3	2.570	3.540	3.6	20.7
3 2	9 38.83	+ 1 3.2	2.583	3.534	5.3	20.8
3 12	9 33.02	+ 2 17.4	2.626	3.528	7.9	21.0
3 22	9 28.64	+ 3 29.2	2.695	3.521	10.4	21.1

16786 1997 AT_1 2 14.8 32.°65 3.°4/17.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.95	+ 3 16.1	2.089	2.881	13.7	16.9
1 22	10 8.76	+ 2 48.3	2.011	2.887	10.7	16.7
2 1	10 1.65	+ 2 33.9	1.956	2.893	7.4	16.5
2 11	9 53.30	+ 2 32.0	1.929	2.900	4.3	16.3
2 21	9 44.57	+ 2 40.6	1.930	2.907	3.7	16.3
3 2	9 36.39	+ 2 56.2	1.960	2.914	6.5	16.5
3 12	9 29.64	+ 3 14.7	2.017	2.921	9.7	16.7
3 22	9 24.87	+ 3 32.3	2.098	2.929	12.7	16.9

282822 2006 SA_{118} 2 14.8 88.°64 1.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.69	+ 6 25.8	1.777	2.587	14.9	21.6
1 22	10 10.20	+ 6 53.4	1.717	2.609	11.3	21.5
2 1	10 2.53	+ 7 36.4	1.681	2.631	7.1	21.2
2 11	9 53.54	+ 8 30.3	1.671	2.653	2.7	21.0
2 21	9 44.24	+ 9 29.0	1.691	2.674	2.8	21.1
3 2	9 35.74	+10 26.2	1.739	2.695	6.9	21.4
3 12	9 28.98	+11 16.3	1.814	2.716	10.8	21.6
3 22	9 24.53	+11 55.8	1.912	2.736	14.1	21.9

498110 2007 RO_{320} 2 14.8 179.°05 3.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.82	+ 0 32.7	2.558	3.332	11.9	21.8
1 22	10 6.22	+ 0 47.9	2.468	3.333	9.4	21.6
2 1	10 0.05	+ 1 18.1	2.403	3.334	6.5	21.4
2 11	9 52.86	+ 2 1.5	2.365	3.334	3.8	21.2
2 21	9 45.30	+ 2 54.8	2.358	3.334	3.2	21.2
3 2	9 38.12	+ 3 53.6	2.380	3.334	5.5	21.3
3 12	9 32.02	+ 4 52.9	2.431	3.333	8.4	21.5
3 22	9 27.51	+ 5 48.4	2.507	3.332	11.1	21.7

122403 2000 QL_{83} 2 14.8 120.°58 2.°0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.28	+16 47.1	1.697	2.529	14.5	19.8
1 22	10 13.79	+17 17.0	1.634	2.542	10.7	19.6
2 1	10 4.78	+17 52.9	1.595	2.555	6.3	19.3
2 11	9 54.18	+18 28.4	1.584	2.567	2.4	19.1
2 21	9 43.20	+18 57.1	1.601	2.579	4.2	19.3
3 2	9 33.15	+19 14.4	1.647	2.590	8.5	19.5
3 12	9 25.12	+19 18.1	1.719	2.601	12.4	19.8
3 22	9 19.75	+19 8.4	1.812	2.611	15.7	20.0

130431 2000 PQ_{24} 2 14.8 118.°99 1.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.78	+15 35.2	1.515	2.350	15.8	19.7
1 22	10 14.52	+15 39.6	1.443	2.352	11.7	19.5
2 1	10 5.40	+15 50.9	1.394	2.354	7.0	19.2
2 11	9 54.39	+16 3.7	1.371	2.356	2.1	18.9
2 21	9 42.82	+16 12.4	1.376	2.358	3.9	19.0
3 2	9 32.18	+16 12.7	1.409	2.360	8.9	19.3
3 12	9 23.75	+16 2.3	1.467	2.361	13.4	19.6
3 22	9 18.29	+15 41.0	1.546	2.363	17.2	19.8

210369 2007 UK_{128} 2 14.8 243.°39 1.°1/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.01	+13 11.6	1.836	2.664	13.8	21.5
1 22	10 10.80	+13 53.4	1.745	2.651	10.3	21.3
2 1	10 3.16	+14 46.4	1.678	2.637	6.1	21.0
2 11	9 53.80	+15 45.1	1.638	2.623	1.8	20.7
2 21	9 43.71	+16 42.5	1.627	2.608	3.5	20.8
3 2	9 34.12	+17 32.1	1.646	2.593	8.1	21.0
3 12	9 26.16	+18 9.1	1.690	2.577	12.3	21.2
3 22	9 20.62	+18 31.2	1.756	2.561	15.9	21.4

421726 2014 PQ_{36} 2 14.8 158.°24 0.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.43	+ 9 28.2	2.078	2.888	13.1	22.5
1 22	10 10.63	+10 0.0	2.001	2.896	9.8	22.3
2 1	10 2.80	+10 43.4	1.949	2.903	5.9	22.0
2 11	9 53.64	+11 34.0	1.926	2.910	1.8	21.8
2 21	9 44.06	+12 26.5	1.932	2.915	2.5	21.8
3 2	9 35.07	+13 15.5	1.969	2.920	6.6	22.1
3 12	9 27.58	+13 56.5	2.033	2.925	10.3	22.3
3 22	9 22.20	+14 26.9	2.121	2.928	13.5	22.5

16711 Ka–Dar 2 14.8 90.°92 1.°2/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.77	+15 3.9	2.417	3.242	11.0	18.7
1 22	10 7.63	+15 40.4	2.354	3.259	8.0	18.5
2 1	10 0.85	+16 22.6	2.316	3.275	4.7	18.3
2 11	9 53.07	+17 5.8	2.308	3.292	1.5	18.1
2 21	9 45.03	+17 45.6	2.329	3.308	2.9	18.2
3 2	9 37.56	+18 18.2	2.381	3.324	6.2	18.5
3 12	9 31.37	+18 40.9	2.460	3.340	9.2	18.7
3 22	9 26.94	+18 52.8	2.563	3.356	11.8	18.9

137018 1998 SL_{160} 2 14.8 144.°78 1.°3/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.45	+13 44.1	1.969	2.795	13.1	20.7
1 22	10 10.02	+14 34.3	1.897	2.803	9.6	20.5
2 1	10 2.48	+15 33.7	1.851	2.811	5.6	20.2
2 11	9 53.55	+16 36.3	1.834	2.818	1.7	20.0
2 21	9 44.21	+17 35.5	1.845	2.825	3.4	20.1
3 2	9 35.50	+18 25.6	1.887	2.831	7.5	20.4
3 12	9 28.38	+19 2.8	1.954	2.837	11.1	20.6
3 22	9 23.47	+19 25.4	2.045	2.842	14.2	20.8

465968 2011 CH_6 2 14.8 136.°48 2.°9/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.42	+ 2 50.1	2.036	2.828	13.9	21.9
1 22	10 8.46	+ 2 56.5	1.956	2.833	10.8	21.7
2 1	10 1.52	+ 3 19.0	1.899	2.838	7.3	21.5
2 11	9 53.29	+ 3 55.5	1.869	2.843	3.9	21.3
2 21	9 44.63	+ 4 42.0	1.868	2.848	3.3	21.3
3 2	9 36.51	+ 5 33.2	1.896	2.852	6.4	21.5
3 12	9 29.82	+ 6 23.5	1.951	2.856	10.0	21.7
3 22	9 25.16	+ 7 8.4	2.030	2.860	13.2	21.9

366849 2005 QZ_{181} 2 14.8 77.°96 2.°0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.89	+16 53.6	1.750	2.586	14.0	21.2
1 22	10 11.25	+17 23.0	1.685	2.596	10.2	21.0
2 1	10 3.26	+17 58.2	1.645	2.606	6.1	20.7
2 11	9 53.77	+18 33.2	1.633	2.616	2.3	20.5
2 21	9 43.90	+19 2.0	1.648	2.626	4.1	20.7
3 2	9 34.85	+19 20.0	1.692	2.636	8.2	20.9
3 12	9 27.67	+19 24.8	1.761	2.646	12.0	21.2
3 22	9 22.98	+19 16.4	1.852	2.656	15.3	21.4

414863 2010 VU_{102} 2 14.8 149.°48 4.°6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.40	− 2 48.0	2.165	2.926	14.2	21.6
1 22	10 9.07	− 2 51.1	2.083	2.934	11.5	21.4
2 1	10 1.84	− 2 35.2	2.024	2.942	8.4	21.3
2 11	9 53.38	− 2 1.3	1.992	2.950	5.6	21.1
2 21	9 44.50	− 1 12.4	1.988	2.956	4.7	21.1
3 2	9 36.14	− 0 13.4	2.013	2.963	6.7	21.2
3 12	9 29.15	+ 0 49.5	2.067	2.969	9.7	21.4
3 22	9 24.10	+ 1 50.7	2.145	2.974	12.6	21.6

497495 2006 AM_{66} 2 14.8 292.°50 5.°1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.37	+ 0 35.3	1.921	2.702	15.1	20.8
1 22	10 11.02	− 0 13.6	1.817	2.682	12.2	20.6
2 1	10 3.30	− 0 48.0	1.735	2.661	8.9	20.3
2 11	9 53.86	− 1 6.7	1.679	2.641	6.0	20.1
2 21	9 43.61	− 1 10.4	1.651	2.620	5.3	20.0
3 2	9 33.71	− 1 1.4	1.651	2.600	7.9	20.1
3 12	9 25.26	− 0 44.3	1.678	2.579	11.5	20.3
3 22	9 19.11	− 0 24.0	1.727	2.559	15.0	20.5

325756 2009 WN_{114} 2 14.8 270.°08 7.°6/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.53	+32 27.5	1.987	2.821	12.6	20.7
1 22	10 13.58	+33 43.5	1.904	2.800	10.1	20.5
2 1	10 4.91	+34 54.5	1.847	2.779	8.1	20.3
2 11	9 54.30	+35 50.6	1.817	2.757	7.7	20.2
2 21	9 42.92	+36 24.2	1.814	2.735	9.3	20.3
3 2	9 32.16	+36 30.6	1.837	2.712	11.9	20.4
3 12	9 23.30	+36 10.2	1.883	2.689	14.8	20.5
3 22	9 17.18	+35 26.4	1.948	2.666	17.4	20.7

91515 1999 RR_{169} 2 14.8 109.°03 1.°3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.96	+ 7 31.4	2.047	2.856	13.3	19.5
1 22	10 8.81	+ 7 44.4	1.972	2.864	10.0	19.3
2 1	10 1.71	+ 8 9.9	1.922	2.872	6.3	19.1
2 11	9 53.34	+ 8 44.5	1.898	2.880	2.4	18.9
2 21	9 44.60	+ 9 23.8	1.905	2.888	2.5	18.9
3 2	9 36.44	+10 3.0	1.940	2.895	6.4	19.1
3 12	9 29.75	+10 37.7	2.002	2.903	10.0	19.4
3 22	9 25.09	+11 4.7	2.089	2.910	13.1	19.6

494208 2016 HZ_{14} 2 14.8 72.°46 1.°6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.20	+ 6 10.2	1.953	2.763	13.8	21.6
1 22	10 7.63	+ 6 33.0	1.877	2.768	10.5	21.3
2 1	10 1.06	+ 7 10.5	1.824	2.774	6.7	21.1
2 11	9 53.18	+ 7 59.4	1.798	2.779	2.7	20.9
2 21	9 44.87	+ 8 54.4	1.801	2.784	2.7	20.9
3 2	9 37.13	+ 9 49.8	1.832	2.789	6.5	21.1
3 12	9 30.86	+10 40.0	1.891	2.794	10.3	21.4
3 22	9 26.67	+11 21.3	1.973	2.800	13.6	21.6

210434 Fungyuancheng 2 14.8 48.°12 2.°5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.96	+17 0.7	2.128	2.966	11.8	19.9
1 22	10 6.67	+18 13.9	2.057	2.968	8.6	19.7
2 1	10 0.48	+19 34.1	2.011	2.971	5.1	19.5
2 11	9 53.02	+20 54.5	1.994	2.974	2.6	19.3
2 21	9 45.14	+22 8.1	2.006	2.977	4.3	19.5
3 2	9 37.78	+23 9.2	2.048	2.981	7.8	19.7
3 12	9 31.80	+23 54.1	2.115	2.984	11.0	19.9
3 22	9 27.79	+24 21.8	2.205	2.987	13.8	20.1

341717 2007 VC_{207} 2 14.8 287.°18 5.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.38	+27 46.4	2.210	3.051	11.3	19.9
1 22	10 8.59	+29 1.7	2.137	3.043	8.6	19.8
2 1	10 1.69	+30 15.4	2.090	3.035	6.3	19.6
2 11	9 53.39	+31 19.8	2.072	3.028	5.6	19.5
2 21	9 44.58	+32 8.4	2.082	3.020	7.1	19.6
3 2	9 36.31	+32 36.9	2.119	3.012	9.7	19.8
3 12	9 29.55	+32 44.1	2.180	3.005	12.4	19.9
3 22	9 24.92	+32 31.6	2.261	2.997	14.8	20.1

3367 Alex 2 14.8 9.°67 3.°0/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.84	+ 3 51.1	1.788	2.594	15.0	16.6
1 22	10 8.30	+ 3 46.2	1.709	2.595	11.7	16.3
2 1	10 1.57	+ 3 57.9	1.652	2.596	7.9	16.1
2 11	9 53.36	+ 4 24.3	1.621	2.597	4.1	15.9
2 21	9 44.65	+ 5 1.4	1.618	2.598	3.6	15.9
3 2	9 36.53	+ 5 43.9	1.642	2.600	7.1	16.1
3 12	9 30.01	+ 6 25.9	1.693	2.602	10.9	16.3
3 22	9 25.75	+ 7 2.6	1.766	2.605	14.4	16.5

401962 2002 ST_{21} 2 14.8 84.°71 1.°6/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.71	+15 12.4	1.728	2.558	14.4	21.7
1 22	10 12.45	+15 50.4	1.677	2.584	10.5	21.6
2 1	10 3.89	+16 35.6	1.650	2.610	6.1	21.3
2 11	9 53.95	+17 21.4	1.651	2.635	2.0	21.1
2 21	9 43.79	+18 1.5	1.681	2.659	3.8	21.3
3 2	9 34.59	+18 31.1	1.739	2.684	7.9	21.6
3 12	9 27.33	+18 47.4	1.823	2.708	11.7	21.9
3 22	9 22.57	+18 50.2	1.930	2.731	14.8	22.1

321147 2008 UW_{259} 2 14.8 111.°95 0.°6/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.97	+ 9 14.2	2.266	3.077	12.1	21.3
1 22	10 7.92	+ 9 38.9	2.192	3.087	9.0	21.2
2 1	10 1.12	+10 13.9	2.144	3.098	5.5	21.0
2 11	9 53.20	+10 55.7	2.125	3.108	1.8	20.7
2 21	9 44.96	+11 39.7	2.135	3.118	2.3	20.8
3 2	9 37.26	+12 21.4	2.175	3.128	6.0	21.0
3 12	9 30.88	+12 56.8	2.243	3.138	9.3	21.3
3 22	9 26.33	+13 23.6	2.335	3.147	12.2	21.5

417758 2007 DK_{50} 2 14.8 334.°40 2.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.13	+20 20.2	1.673	2.511	14.4	20.1
1 22	10 13.92	+20 25.0	1.596	2.507	10.7	19.9
2 1	10 5.02	+20 31.2	1.543	2.502	6.5	19.6
2 11	9 54.33	+20 33.0	1.517	2.498	3.0	19.4
2 21	9 43.11	+20 25.4	1.519	2.495	4.8	19.5
3 2	9 32.75	+20 5.4	1.549	2.491	9.0	19.7
3 12	9 24.44	+19 32.3	1.605	2.488	13.1	20.0
3 22	9 18.92	+18 47.8	1.682	2.485	16.6	20.2

495291 2013 TK_{44} 2 14.8 192.°92 3.°4/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.78	+22 46.8	2.440	3.269	10.8	22.2
1 22	10 10.77	+23 30.9	2.362	3.267	8.0	22.0
2 1	10 2.86	+24 15.6	2.311	3.265	5.1	21.8
2 11	9 53.70	+24 55.2	2.289	3.262	3.4	21.7
2 21	9 44.14	+25 25.0	2.297	3.258	4.8	21.8
3 2	9 35.12	+25 41.3	2.335	3.255	7.7	22.0
3 12	9 27.48	+25 42.9	2.399	3.250	10.5	22.1
3 22	9 21.81	+25 30.5	2.487	3.245	13.1	22.3

252300 2001 RP_{29} 2 14.8 92.°33 1.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.93	+14 27.4	1.814	2.643	13.9	20.5
1 22	10 11.17	+14 58.2	1.753	2.659	10.2	20.3
2 1	10 3.17	+15 36.7	1.716	2.675	6.0	20.1
2 11	9 53.78	+16 17.4	1.706	2.691	1.8	19.8
2 21	9 44.07	+16 54.3	1.726	2.706	3.4	20.0
3 2	9 35.17	+17 22.7	1.774	2.721	7.6	20.3
3 12	9 28.05	+17 39.5	1.849	2.736	11.4	20.5
3 22	9 23.31	+17 43.8	1.945	2.751	14.6	20.8

66445 1999 NV_{59} 2 14.8 147.°63 4.°0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.02	− 1 49.7	2.207	2.976	13.7	20.2
1 22	10 7.33	− 1 37.0	2.123	2.981	11.0	20.0
2 1	10 0.83	− 1 5.5	2.062	2.987	7.9	19.8
2 11	9 53.14	− 0 16.7	2.028	2.992	5.0	19.6
2 21	9 45.06	+ 0 45.5	2.023	2.996	4.1	19.6
3 2	9 37.44	+ 1 55.8	2.047	3.001	6.3	19.7
3 12	9 31.11	+ 3 7.8	2.099	3.005	9.4	19.9
3 22	9 26.62	+ 4 16.0	2.176	3.008	12.3	20.1

341645 2007 VO_{43} 2 14.8 27.°47 1.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.02	+ 8 10.5	1.836	2.655	14.2	20.1
1 22	10 8.29	+ 8 5.9	1.767	2.664	10.7	19.9
2 1	10 1.46	+ 8 13.4	1.722	2.674	6.7	19.7
2 11	9 53.32	+ 8 30.3	1.703	2.685	2.7	19.5
2 21	9 44.81	+ 8 52.6	1.713	2.696	2.8	19.5
3 2	9 36.98	+ 9 15.7	1.750	2.708	6.7	19.8
3 12	9 30.76	+ 9 35.5	1.814	2.720	10.5	20.0
3 22	9 26.73	+ 9 49.0	1.900	2.732	13.8	20.3

379512 2010 HJ_{63} 2 14.8 313.°69 8.°4/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.63	+32 31.4	1.789	2.636	13.2	19.3
1 22	10 10.22	+34 6.1	1.713	2.615	10.7	19.1
2 1	10 3.03	+35 36.5	1.661	2.593	8.8	19.0
2 11	9 53.84	+36 51.5	1.635	2.573	8.6	18.9
2 21	9 43.85	+37 42.0	1.635	2.552	10.3	19.0
3 2	9 34.48	+38 2.5	1.659	2.532	13.1	19.1
3 12	9 27.08	+37 52.7	1.705	2.513	16.1	19.2
3 22	9 22.51	+37 16.2	1.768	2.494	18.7	19.4

231447 2007 HE_{1} 2 14.8 233.°27 6.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.52	+30 8.9	2.077	2.913	12.1	20.3
1 22	10 11.78	+31 18.7	2.007	2.908	9.4	20.2
2 1	10 3.67	+32 24.2	1.962	2.901	7.2	20.0
2 11	9 53.96	+33 17.0	1.946	2.895	6.5	19.9
2 21	9 43.74	+33 50.7	1.957	2.889	8.0	20.0
3 2	9 34.20	+34 1.3	1.995	2.882	10.6	20.2
3 12	9 26.41	+33 49.0	2.057	2.875	13.3	20.3
3 22	9 21.08	+33 16.4	2.139	2.868	15.8	20.5

160118 2000 SU_{268} 2 14.8 175.°04 1.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.69	+14 51.3	2.154	2.974	12.3	21.4
1 22	10 11.60	+15 39.8	2.076	2.978	9.0	21.2
2 1	10 3.43	+16 35.8	2.023	2.981	5.3	20.9
2 11	9 53.88	+17 33.8	2.000	2.983	1.8	20.7
2 21	9 43.88	+18 27.7	2.007	2.985	3.5	20.8
3 2	9 34.45	+19 12.3	2.044	2.985	7.3	21.1
3 12	9 26.51	+19 44.3	2.109	2.984	10.8	21.3
3 22	9 20.71	+20 2.6	2.197	2.983	13.8	21.5

428408 2007 TT_{79} 2 14.8 83.°18 6.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.47	+32 10.9	2.267	3.099	11.4	21.2
1 22	10 11.36	+33 12.4	2.220	3.115	8.9	21.1
2 1	10 3.19	+34 6.7	2.199	3.131	7.0	21.0
2 11	9 53.78	+34 46.7	2.206	3.148	6.4	21.0
2 21	9 44.14	+35 7.7	2.240	3.163	7.6	21.1
3 2	9 35.31	+35 7.5	2.302	3.179	9.8	21.3
3 12	9 28.19	+34 47.1	2.388	3.195	12.0	21.4
3 22	9 23.29	+34 9.4	2.494	3.210	14.1	21.6

492976 2014 SM_{152} 2 14.8 233.°25 0.°1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.62	+10 45.4	1.904	2.722	13.8	22.2
1 22	10 11.17	+11 12.8	1.811	2.710	10.3	21.9
2 1	10 3.38	+11 52.2	1.742	2.698	6.3	21.6
2 11	9 53.92	+12 39.3	1.700	2.685	1.8	21.3
2 21	9 43.78	+13 28.3	1.688	2.671	2.9	21.4
3 2	9 34.12	+14 13.2	1.706	2.657	7.5	21.6
3 12	9 26.03	+14 49.3	1.750	2.643	11.6	21.8
3 22	9 20.27	+15 13.7	1.816	2.627	15.2	22.0

297818 2002 AF_{104} 2 14.8 39.°61 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.66	+ 9 3.1	1.311	2.146	17.8	20.2
1 22	10 11.72	+ 9 3.3	1.247	2.153	13.4	19.9
2 1	10 3.85	+ 9 19.6	1.204	2.161	8.3	19.7
2 11	9 54.05	+ 9 47.5	1.185	2.169	2.9	19.4
2 21	9 43.69	+10 20.9	1.193	2.177	3.4	19.4
3 2	9 34.32	+10 53.0	1.226	2.186	8.7	19.7
3 12	9 27.23	+11 18.1	1.284	2.195	13.6	20.0
3 22	9 23.18	+11 32.8	1.362	2.204	17.7	20.3

459650 2013 JE_{48} 2 14.8 187.°83 4.°9/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.84	+26 11.9	2.406	3.238	10.8	22.1
1 22	10 10.97	+27 37.1	2.334	3.237	8.2	22.0
2 1	10 3.08	+29 2.0	2.290	3.236	5.8	21.8
2 11	9 53.81	+30 18.7	2.275	3.234	5.0	21.8
2 21	9 44.05	+31 20.9	2.291	3.231	6.5	21.8
3 2	9 34.79	+32 3.9	2.335	3.227	9.0	22.0
3 12	9 26.95	+32 26.5	2.405	3.223	11.6	22.2
3 22	9 21.19	+32 29.9	2.496	3.217	13.9	22.3

415337 2013 HA_{109} 2 14.8 198.°42 2.°4/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.74	+ 3 35.6	2.072	2.865	13.7	22.6
1 22	10 9.52	+ 3 55.9	1.982	2.862	10.6	22.3
2 1	10 2.26	+ 4 32.7	1.916	2.858	7.1	22.1
2 11	9 53.59	+ 5 23.2	1.877	2.854	3.5	21.9
2 21	9 44.40	+ 6 22.8	1.868	2.849	3.0	21.8
3 2	9 35.67	+ 7 25.8	1.888	2.844	6.5	22.0
3 12	9 28.33	+ 8 26.1	1.936	2.838	10.2	22.3
3 22	9 23.05	+ 9 19.1	2.008	2.831	13.5	22.5

7651 Villeneuve 2 14.8 222.°46 1.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.80	+ 5 42.5	2.311	3.111	12.2	18.2
1 22	10 7.19	+ 6 17.8	2.217	3.104	9.3	18.0
2 1	10 0.80	+ 7 7.3	2.149	3.097	6.0	17.8
2 11	9 53.18	+ 8 7.7	2.108	3.089	2.4	17.5
2 21	9 45.09	+ 9 14.2	2.098	3.081	2.4	17.5
3 2	9 37.37	+10 21.3	2.118	3.073	5.9	17.7
3 12	9 30.85	+11 23.6	2.165	3.064	9.4	17.9
3 22	9 26.12	+12 17.1	2.238	3.055	12.5	18.1

256552 2007 OU_5 2 14.8 207.°25 2.°2/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.38	+16 59.9	1.778	2.610	14.0	21.2
1 22	10 13.30	+17 32.6	1.698	2.606	10.4	21.0
2 1	10 4.66	+18 11.7	1.642	2.601	6.2	20.7
2 11	9 54.29	+18 51.0	1.613	2.596	2.4	20.5
2 21	9 43.30	+19 24.0	1.614	2.591	4.3	20.6
3 2	9 33.00	+19 45.6	1.643	2.584	8.6	20.8
3 12	9 24.56	+19 52.9	1.697	2.578	12.6	21.1
3 22	9 18.73	+19 45.7	1.774	2.571	16.1	21.3

221262 2005 UY_{305} 2 14.8 112.°27 1.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.01	+14 17.2	1.865	2.696	13.5	21.3
1 22	10 9.85	+14 50.7	1.792	2.700	9.9	21.1
2 1	10 2.48	+15 32.6	1.743	2.703	5.9	20.8
2 11	9 53.65	+16 17.6	1.722	2.707	1.8	20.6
2 21	9 44.37	+16 59.6	1.730	2.710	3.4	20.7
3 2	9 35.76	+17 33.4	1.766	2.713	7.6	20.9
3 12	9 28.80	+17 55.4	1.828	2.717	11.5	21.2
3 22	9 24.13	+18 4.4	1.913	2.720	14.7	21.4

9594 Garstang 2 14.8 302.°06 3.°3/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.29	+ 4 11.0	1.351	2.173	18.1	16.8
1 22	10 10.18	+ 4 9.5	1.267	2.163	14.2	16.5
2 1	10 3.12	+ 4 29.8	1.203	2.152	9.5	16.2
2 11	9 53.92	+ 5 9.9	1.164	2.142	4.7	15.9
2 21	9 43.83	+ 6 4.4	1.150	2.132	4.1	15.8
3 2	9 34.38	+ 7 5.2	1.162	2.122	8.9	16.1
3 12	9 27.00	+ 8 3.8	1.197	2.113	13.9	16.3
3 22	9 22.62	+ 8 53.2	1.253	2.104	18.4	16.6

489583 2007 TK_{105} 2 14.8 174.°42 2.°2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.70	+ 4 17.7	1.950	2.747	14.3	22.4
1 22	10 10.29	+ 4 39.0	1.867	2.750	11.0	22.1
2 1	10 2.74	+ 5 17.0	1.808	2.752	7.2	21.9
2 11	9 53.74	+ 6 8.5	1.775	2.754	3.4	21.7
2 21	9 44.23	+ 7 8.4	1.773	2.755	3.0	21.6
3 2	9 35.28	+ 8 10.6	1.799	2.755	6.7	21.9
3 12	9 27.85	+ 9 8.9	1.853	2.755	10.6	22.1
3 22	9 22.61	+ 9 58.8	1.931	2.754	14.0	22.3

223694 2004 RT_{21} 2 14.8 163.°39 0.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.90	+ 9 6.0	2.376	3.182	11.7	21.6
1 22	10 8.61	+ 9 34.4	2.295	3.187	8.8	21.4
2 1	10 1.56	+10 13.1	2.239	3.192	5.4	21.2
2 11	9 53.39	+10 58.6	2.213	3.196	1.7	21.0
2 21	9 44.84	+11 46.4	2.217	3.200	2.2	21.0
3 2	9 36.76	+12 32.0	2.251	3.203	5.9	21.3
3 12	9 29.95	+13 11.4	2.313	3.206	9.2	21.5
3 22	9 24.93	+13 41.9	2.400	3.208	12.1	21.7

55140 2001 QC_{193} 2 14.8 235.°47 4.°7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.24	− 3 38.3	2.489	3.242	12.8	19.2
1 22	10 6.67	− 3 49.5	2.392	3.236	10.4	19.0
2 1	10 0.44	− 3 43.9	2.318	3.230	7.8	18.8
2 11	9 53.09	− 3 21.8	2.271	3.223	5.5	18.7
2 21	9 45.30	− 2 45.3	2.252	3.216	4.7	18.6
3 2	9 37.85	− 1 57.8	2.263	3.209	6.3	18.7
3 12	9 31.49	− 1 4.4	2.301	3.202	8.9	18.8
3 22	9 26.78	− 0 10.1	2.364	3.195	11.5	19.0

203065 2000 OR_{21} 2 14.8 106.°27 6.°4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 24.02	− 3 2.0	1.827	2.580	16.7	20.2
1 22	10 16.32	− 4 2.9	1.762	2.605	13.6	20.0
2 1	10 6.25	− 4 44.3	1.719	2.628	10.2	19.8
2 11	9 54.69	− 5 4.9	1.702	2.651	7.3	19.7
2 21	9 42.77	− 5 5.5	1.715	2.673	6.5	19.7
3 2	9 31.72	− 4 49.9	1.756	2.695	8.4	19.9
3 12	9 22.59	− 4 23.8	1.825	2.715	11.4	20.1
3 22	9 16.00	− 3 53.3	1.917	2.735	14.3	20.3

15346 Bonifatius 2 14.8 147.°34 3.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.34	+ 2 17.3	1.737	2.530	15.9	19.1
1 22	10 11.67	+ 2 19.3	1.661	2.538	12.5	18.9
2 1	10 3.63	+ 2 40.3	1.607	2.546	8.5	18.6
2 11	9 54.00	+ 3 18.0	1.580	2.553	4.6	18.4
2 21	9 43.87	+ 4 7.9	1.580	2.560	3.9	18.4
3 2	9 34.42	+ 5 3.7	1.610	2.566	7.4	18.6
3 12	9 26.73	+ 5 58.7	1.666	2.571	11.3	18.9
3 22	9 21.50	+ 6 47.4	1.744	2.576	14.9	19.1

413888 2006 VH_{94} 2 14.8 38.°23 6.°7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.72	− 3 33.7	1.537	2.320	18.1	20.6
1 22	10 9.21	− 4 9.4	1.468	2.329	14.8	20.4
2 1	10 2.24	− 4 20.7	1.419	2.338	11.2	20.2
2 11	9 53.62	− 4 6.7	1.393	2.348	7.9	20.0
2 21	9 44.49	− 3 30.3	1.393	2.359	6.7	20.0
3 2	9 36.11	− 2 37.3	1.419	2.370	8.8	20.1
3 12	9 29.59	− 1 35.9	1.470	2.381	12.1	20.4
3 22	9 25.63	− 0 34.4	1.542	2.393	15.5	20.6

86002 1999 JW_{85} 2 14.8 238.°64 3.°1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.11	+ 0 37.5	2.215	2.995	13.3	20.1
1 22	10 7.55	+ 1 3.2	2.114	2.983	10.5	19.9
2 1	10 1.09	+ 1 47.3	2.037	2.971	7.3	19.6
2 11	9 53.31	+ 2 47.9	1.986	2.958	4.1	19.4
2 21	9 44.96	+ 4 0.6	1.966	2.944	3.3	19.3
3 2	9 36.95	+ 5 19.6	1.975	2.930	6.2	19.5
3 12	9 30.16	+ 6 38.3	2.012	2.916	9.8	19.7
3 22	9 25.24	+ 7 51.0	2.074	2.901	13.0	19.9

157441 2004 VO_{11} 2 14.8 87.°60 0.°8/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.79	+13 6.4	1.959	2.787	13.0	20.2
1 22	10 8.83	+13 42.4	1.888	2.794	9.6	20.0
2 1	10 1.82	+14 27.5	1.842	2.802	5.7	19.8
2 11	9 53.48	+15 16.6	1.824	2.809	1.6	19.6
2 21	9 44.75	+16 3.8	1.835	2.816	3.1	19.7
3 2	9 36.66	+16 43.9	1.875	2.824	7.1	19.9
3 12	9 30.10	+17 13.2	1.941	2.831	10.8	20.2
3 22	9 25.69	+17 30.1	2.030	2.838	13.9	20.4

402992 2007 VQ_{153} 2 14.8 60.°30 3.°3/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.94	+ 3 21.4	1.452	2.266	17.5	21.2
1 22	10 10.18	+ 3 25.1	1.388	2.278	13.6	21.0
2 1	10 2.83	+ 3 49.9	1.345	2.290	9.0	20.8
2 11	9 53.79	+ 4 32.7	1.326	2.303	4.6	20.5
2 21	9 44.27	+ 5 27.7	1.334	2.316	3.9	20.5
3 2	9 35.62	+ 6 27.2	1.369	2.329	8.0	20.8
3 12	9 28.98	+ 7 23.6	1.429	2.342	12.3	21.1
3 22	9 25.03	+ 8 11.2	1.511	2.355	16.1	21.3

466052 2011 PX_4 2 14.8 174.°70 0.°4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.32	+ 8 43.1	3.002	3.804	9.7	21.8
1 22	10 5.69	+ 9 21.0	2.916	3.806	7.2	21.7
2 1	9 59.72	+10 7.7	2.856	3.808	4.4	21.5
2 11	9 52.88	+11 0.3	2.826	3.809	1.4	21.3
2 21	9 45.73	+11 54.9	2.827	3.810	1.8	21.3
3 2	9 38.92	+12 47.8	2.859	3.811	4.8	21.5
3 12	9 33.03	+13 35.3	2.921	3.811	7.6	21.7
3 22	9 28.51	+14 15.1	3.008	3.811	10.0	21.8

497693 2006 SO_{67} 2 14.8 165.°11 1.°5/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.97	+16 55.1	2.727	3.550	9.9	22.0
1 22	10 7.75	+17 27.1	2.649	3.553	7.3	21.8
2 1	10 0.99	+18 3.1	2.598	3.556	4.3	21.6
2 11	9 53.23	+18 39.0	2.576	3.559	1.7	21.4
2 21	9 45.18	+19 11.0	2.585	3.561	3.0	21.5
3 2	9 37.56	+19 35.7	2.625	3.563	6.0	21.7
3 12	9 31.06	+19 51.0	2.692	3.565	8.8	21.9
3 22	9 26.18	+19 56.1	2.784	3.567	11.2	22.1

149391 2003 AE_{11} 2 14.8 57.°69 0.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.34	+ 8 1.9	1.558	2.387	15.8	19.5
1 22	10 8.14	+ 9 6.5	1.496	2.401	11.7	19.3
2 1	10 1.55	+10 29.0	1.458	2.415	7.1	19.1
2 11	9 53.43	+12 2.3	1.445	2.430	2.0	18.8
2 21	9 44.87	+13 37.3	1.461	2.445	3.1	18.9
3 2	9 37.10	+15 4.6	1.505	2.460	7.9	19.2
3 12	9 31.17	+16 17.3	1.574	2.475	12.2	19.5
3 22	9 27.72	+17 11.8	1.665	2.490	15.8	19.7

97916 2000 QE_{91} 2 14.8 113.°36 2.°5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.61	+ 4 10.3	1.700	2.503	15.8	19.9
1 22	10 11.10	+ 4 28.2	1.632	2.518	12.1	19.7
2 1	10 3.25	+ 5 4.4	1.587	2.533	7.9	19.5
2 11	9 53.91	+ 5 55.2	1.569	2.547	3.7	19.3
2 21	9 44.14	+ 6 54.7	1.579	2.561	3.2	19.3
3 2	9 35.14	+ 7 56.2	1.617	2.574	7.2	19.5
3 12	9 27.95	+ 8 52.9	1.682	2.587	11.3	19.8
3 22	9 23.19	+ 9 40.3	1.770	2.599	14.8	20.0

408209 2013 ED_{54} 2 14.8 226.°17 0.°8/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.38	+13 6.1	1.900	2.723	13.6	22.4
1 22	10 11.76	+13 38.5	1.810	2.714	10.1	22.1
2 1	10 3.76	+14 21.0	1.745	2.703	6.0	21.8
2 11	9 54.10	+15 8.4	1.707	2.692	1.7	21.5
2 21	9 43.78	+15 54.8	1.699	2.680	3.3	21.6
3 2	9 33.98	+16 34.2	1.720	2.668	7.7	21.9
3 12	9 25.80	+17 2.5	1.768	2.655	11.8	22.1
3 22	9 19.99	+17 17.8	1.838	2.642	15.3	22.3

39113 2000 WM_{32} 2 14.8 119.°15 5.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.77	+26 7.6	1.962	2.806	12.3	18.9
1 22	10 9.79	+27 38.3	1.901	2.810	9.4	18.8
2 1	10 2.52	+29 8.5	1.866	2.814	6.7	18.6
2 11	9 53.73	+30 28.9	1.859	2.818	5.8	18.6
2 21	9 44.46	+31 31.8	1.880	2.822	7.4	18.7
3 2	9 35.87	+32 12.3	1.928	2.826	10.3	18.8
3 12	9 28.98	+32 29.1	2.000	2.830	13.2	19.0
3 22	9 24.47	+32 24.2	2.092	2.833	15.7	19.2

2482 Perkin 2 14.8 34.°34 1.°1/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.47	+13 46.9	1.931	2.764	13.0	17.2
1 22	10 7.94	+14 27.6	1.859	2.767	9.6	17.0
2 1	10 1.34	+15 17.5	1.811	2.771	5.6	16.8
2 11	9 53.39	+16 10.9	1.790	2.775	1.7	16.5
2 21	9 45.02	+17 1.8	1.799	2.779	3.3	16.6
3 2	9 37.25	+17 44.7	1.836	2.784	7.3	16.9
3 12	9 31.01	+18 15.7	1.899	2.788	11.0	17.1
3 22	9 26.91	+18 33.2	1.984	2.793	14.2	17.3

296150 2009 BE_{107} 2 14.8 39.°02 1.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.92	+14 55.8	1.414	2.254	16.4	19.8
1 22	10 13.32	+15 4.4	1.347	2.259	12.2	19.5
2 1	10 4.81	+15 21.4	1.302	2.263	7.3	19.3
2 11	9 54.39	+15 41.2	1.283	2.268	2.1	19.0
2 21	9 43.43	+15 57.6	1.291	2.273	3.9	19.1
3 2	9 33.45	+16 5.6	1.326	2.279	9.0	19.4
3 12	9 25.74	+16 2.1	1.385	2.284	13.7	19.7
3 22	9 21.04	+15 46.7	1.465	2.290	17.5	19.9

171979 2001 TW_{135} 2 14.8 142.°53 3.°7/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.69	− 1 42.3	2.717	3.475	11.7	20.5
1 22	10 6.79	− 1 46.0	2.633	3.483	9.4	20.3
2 1	10 0.43	− 1 35.3	2.572	3.491	6.8	20.2
2 11	9 53.11	− 1 11.1	2.539	3.498	4.5	20.0
2 21	9 45.49	− 0 35.7	2.536	3.505	3.8	20.0
3 2	9 38.26	+ 0 7.3	2.563	3.512	5.5	20.1
3 12	9 32.08	+ 0 53.7	2.618	3.518	8.0	20.3
3 22	9 27.40	+ 1 39.5	2.699	3.524	10.4	20.5

63013 2000 WO_{38} 2 14.8 213.°00 1.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.68	+ 6 39.9	1.821	2.633	14.6	19.5
1 22	10 9.79	+ 7 17.7	1.734	2.628	11.1	19.3
2 1	10 2.59	+ 8 12.5	1.671	2.622	7.0	19.0
2 11	9 53.80	+ 9 20.0	1.634	2.617	2.5	18.7
2 21	9 44.37	+10 33.8	1.627	2.610	2.8	18.7
3 2	9 35.47	+11 46.5	1.648	2.604	7.3	19.0
3 12	9 28.15	+12 51.4	1.696	2.597	11.5	19.2
3 22	9 23.15	+13 44.0	1.767	2.589	15.1	19.4

176717 2002 QG_{80} 2 14.8 63.°11 2.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.17	+ 4 22.1	1.496	2.311	17.0	20.3
1 22	10 10.15	+ 4 51.4	1.444	2.336	12.9	20.1
2 1	10 2.71	+ 5 40.9	1.413	2.362	8.3	19.9
2 11	9 53.77	+ 6 45.3	1.408	2.387	3.6	19.7
2 21	9 44.54	+ 7 57.4	1.430	2.413	3.2	19.7
3 2	9 36.26	+ 9 8.8	1.480	2.439	7.5	20.0
3 12	9 29.96	+10 12.3	1.555	2.464	11.8	20.3
3 22	9 26.23	+11 3.3	1.652	2.489	15.3	20.6

118128 3457 $T\text{-}_3$ 2 14.8 135.°22 0.°7/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.03	+ 8 20.8	1.995	2.802	13.6	21.1
1 22	10 11.14	+ 8 52.0	1.924	2.817	10.2	20.9
2 1	10 3.19	+ 9 35.9	1.878	2.831	6.3	20.7
2 11	9 53.91	+10 28.2	1.861	2.844	2.1	20.5
2 21	9 44.27	+11 23.2	1.873	2.856	2.5	20.5
3 2	9 35.28	+12 15.3	1.915	2.868	6.6	20.8
3 12	9 27.88	+12 59.7	1.985	2.879	10.4	21.0
3 22	9 22.65	+13 33.6	2.078	2.889	13.6	21.3

212287 2005 LG_{38} 2 14.8 282.°94 0.°5/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.60	+ 8 48.1	2.233	3.048	12.1	21.3
1 22	10 6.43	+ 9 25.4	2.139	3.037	9.1	21.1
2 1	10 0.43	+10 15.1	2.071	3.025	5.6	20.8
2 11	9 53.17	+11 13.5	2.030	3.014	1.8	20.6
2 21	9 45.41	+12 15.4	2.019	3.003	2.4	20.6
3 2	9 38.03	+13 15.3	2.038	2.991	6.3	20.8
3 12	9 31.86	+14 8.2	2.084	2.980	9.9	21.0
3 22	9 27.53	+14 50.6	2.153	2.969	13.0	21.2

237377 1995 SZ_{63} 2 14.8 153.°67 0.°7/14.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.09	+13 39.6	2.885	3.699	9.7	21.5
1 22	10 7.03	+14 13.2	2.807	3.707	7.1	21.3
2 1	10 0.55	+14 52.6	2.756	3.713	4.2	21.1
2 11	9 53.16	+15 34.2	2.735	3.720	1.2	20.9
2 21	9 45.49	+16 14.3	2.746	3.726	2.3	21.0
3 2	9 38.23	+16 49.4	2.787	3.732	5.3	21.2
3 12	9 31.99	+17 16.9	2.856	3.737	8.1	21.4
3 22	9 27.24	+17 35.4	2.951	3.741	10.5	21.6

82193 2001 HA_{34} 2 14.8 221.°83 1.°1/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.40	+ 8 11.1	1.613	2.431	15.8	20.2
1 22	10 12.10	+ 8 33.1	1.527	2.425	12.0	20.0
2 1	10 4.12	+ 9 11.3	1.464	2.418	7.5	19.7
2 11	9 54.26	+10 1.5	1.427	2.410	2.6	19.4
2 21	9 43.64	+10 57.3	1.418	2.402	3.1	19.4
3 2	9 33.62	+11 51.6	1.438	2.393	8.1	19.7
3 12	9 25.47	+12 37.9	1.482	2.384	12.7	19.9
3 22	9 20.01	+13 12.2	1.549	2.375	16.7	20.1

322646 1998 WV_{29} 2 14.8 56.°55 3.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.90	+ 2 34.7	1.427	2.234	18.1	20.7
1 22	10 12.09	+ 2 38.4	1.384	2.269	13.9	20.5
2 1	10 3.79	+ 3 3.6	1.362	2.305	9.3	20.3
2 11	9 54.06	+ 3 46.5	1.365	2.340	4.8	20.1
2 21	9 44.16	+ 4 40.6	1.395	2.376	4.0	20.2
3 2	9 35.39	+ 5 38.3	1.453	2.411	7.7	20.5
3 12	9 28.79	+ 6 32.4	1.535	2.446	11.8	20.8
3 22	9 24.87	+ 7 17.8	1.640	2.481	15.2	21.1

396858 2004 TC_1 2 14.8 194.°25 2.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.21	+17 57.5	2.070	2.898	12.5	22.2
1 22	10 12.21	+19 2.2	1.989	2.895	9.2	22.0
2 1	10 3.96	+20 13.3	1.934	2.892	5.6	21.8
2 11	9 54.17	+21 23.7	1.908	2.888	2.8	21.6
2 21	9 43.81	+22 26.4	1.912	2.882	4.6	21.7
3 2	9 34.00	+23 15.5	1.946	2.876	8.3	21.9
3 12	9 25.76	+23 47.8	2.006	2.869	11.8	22.1
3 22	9 19.78	+24 3.0	2.089	2.861	14.8	22.3

413079 2001 SN_{325} 2 14.8 127.°53 5.°8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.27	− 5 44.0	2.175	2.918	14.7	20.6
1 22	10 9.73	− 6 3.2	2.098	2.932	12.1	20.5
2 1	10 2.31	− 6 2.4	2.044	2.946	9.2	20.3
2 11	9 53.67	− 5 41.4	2.015	2.959	6.7	20.2
2 21	9 44.66	− 5 2.6	2.014	2.972	5.8	20.1
3 2	9 36.19	− 4 10.3	2.042	2.984	7.2	20.3
3 12	9 29.12	− 3 10.8	2.098	2.995	9.7	20.4
3 22	9 24.00	− 2 9.9	2.178	3.006	12.4	20.6

180883 2005 JQ_{112} 2 14.8 178.°07 1.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.73	+ 4 11.7	2.363	3.152	12.3	20.9
1 22	10 8.56	+ 4 51.7	2.275	3.154	9.5	20.7
2 1	10 1.62	+ 5 46.6	2.212	3.156	6.1	20.5
2 11	9 53.50	+ 6 53.1	2.178	3.157	2.7	20.3
2 21	9 44.95	+ 8 6.3	2.175	3.157	2.4	20.3
3 2	9 36.83	+ 9 20.4	2.202	3.157	5.8	20.5
3 12	9 29.92	+10 29.8	2.258	3.155	9.2	20.7
3 22	9 24.80	+11 30.5	2.340	3.154	12.1	20.9

330101 2005 WM_{176} 2 14.8 115.°46 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.86	+11 4.6	1.982	2.802	13.2	21.2
1 22	10 9.62	+11 26.5	1.908	2.809	9.8	21.0
2 1	10 2.33	+11 58.6	1.858	2.815	5.9	20.8
2 11	9 53.70	+12 36.6	1.837	2.821	1.7	20.5
2 21	9 44.67	+13 15.6	1.844	2.827	2.6	20.6
3 2	9 36.26	+13 50.5	1.881	2.833	6.8	20.8
3 12	9 29.38	+14 17.5	1.944	2.839	10.5	21.1
3 22	9 24.64	+14 34.4	2.030	2.845	13.7	21.3

165377 2000 WR_{136} 2 14.8 175.°32 3.°0/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.68	+ 3 17.0	1.873	2.667	14.9	20.6
1 22	10 11.13	+ 3 18.9	1.790	2.669	11.6	20.4
2 1	10 3.33	+ 3 37.7	1.730	2.671	7.8	20.2
2 11	9 54.01	+ 4 11.3	1.697	2.672	4.1	20.0
2 21	9 44.15	+ 4 55.5	1.692	2.673	3.5	19.9
3 2	9 34.87	+ 5 44.7	1.717	2.673	7.0	20.1
3 12	9 27.19	+ 6 33.1	1.768	2.672	10.9	20.4
3 22	9 21.81	+ 7 15.7	1.843	2.671	14.3	20.6

95294 2002 CG_{90} 2 14.8 220.°77 0.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.42	+11 31.3	2.173	2.994	12.2	20.0
1 22	10 7.82	+12 29.2	2.086	2.988	9.0	19.8
2 1	10 1.29	+13 38.6	2.024	2.983	5.3	19.5
2 11	9 53.43	+14 54.2	1.992	2.976	1.5	19.3
2 21	9 45.07	+16 9.7	1.989	2.970	2.9	19.4
3 2	9 37.14	+17 18.7	2.016	2.963	6.8	19.6
3 12	9 30.51	+18 16.3	2.070	2.956	10.4	19.8
3 22	9 25.83	+18 59.8	2.148	2.949	13.5	20.0

27669 1979 MQ_4 2 14.8 50.°48 4.°1/18.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.17	− 0 17.5	2.200	2.976	13.5	18.0
1 22	10 7.50	− 0 31.2	2.116	2.979	10.8	17.8
2 1	10 1.01	− 0 28.7	2.056	2.982	7.8	17.6
2 11	9 53.34	− 0 10.8	2.022	2.986	5.0	17.4
2 21	9 45.26	+ 0 20.0	2.017	2.989	4.2	17.4
3 2	9 37.64	+ 0 59.5	2.040	2.993	6.4	17.5
3 12	9 31.31	+ 1 42.7	2.091	2.996	9.4	17.7
3 22	9 26.83	+ 2 24.8	2.166	3.000	12.3	17.9

175023 2004 FU_{27} 2 14.8 233.°42 0.°6/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.68	+ 9 3.6	2.506	3.314	11.2	20.8
1 22	10 7.00	+ 9 24.4	2.415	3.309	8.4	20.6
2 1	10 0.67	+ 9 55.0	2.350	3.303	5.2	20.4
2 11	9 53.25	+10 32.4	2.313	3.297	1.7	20.1
2 21	9 45.42	+11 12.7	2.307	3.290	2.1	20.1
3 2	9 37.97	+11 51.9	2.330	3.284	5.6	20.4
3 12	9 31.64	+12 26.2	2.382	3.277	8.8	20.6
3 22	9 26.97	+12 53.1	2.458	3.270	11.7	20.7

462706 2009 WZ_{31} 2 14.8 77.°65 2.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.10	+17 54.6	1.907	2.746	12.9	21.2
1 22	10 9.20	+18 48.9	1.840	2.752	9.4	20.9
2 1	10 2.14	+19 49.1	1.798	2.758	5.7	20.7
2 11	9 53.67	+20 48.1	1.784	2.765	2.8	20.6
2 21	9 44.78	+21 39.5	1.798	2.771	4.5	20.7
3 2	9 36.56	+22 17.7	1.841	2.777	8.2	20.9
3 12	9 29.97	+22 40.1	1.909	2.784	11.7	21.1
3 22	9 25.63	+22 46.3	1.999	2.790	14.7	21.4

368681 2005 QW_{188} 2 14.8 245.°33 0.°9/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.47	+ 8 38.2	1.874	2.691	14.0	21.4
1 22	10 9.57	+ 8 56.7	1.788	2.685	10.6	21.2
2 1	10 2.44	+ 9 28.6	1.725	2.679	6.6	20.9
2 11	9 53.78	+10 10.1	1.690	2.673	2.3	20.6
2 21	9 44.55	+10 56.1	1.683	2.667	2.7	20.6
3 2	9 35.84	+11 40.8	1.705	2.660	7.1	20.9
3 12	9 28.68	+12 19.1	1.753	2.654	11.2	21.1
3 22	9 23.78	+12 47.7	1.824	2.647	14.7	21.3

185865 2000 HG_{39} 2 14.8 105.°09 6.°5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.55	− 7 34.6	1.868	2.617	16.6	20.4
1 22	10 8.06	− 7 36.6	1.789	2.625	13.8	20.2
2 1	10 1.48	− 7 12.9	1.731	2.633	10.6	20.1
2 11	9 53.49	− 6 23.4	1.697	2.641	7.8	19.9
2 21	9 45.04	− 5 11.7	1.690	2.649	6.5	19.9
3 2	9 37.16	− 3 44.1	1.711	2.657	7.9	19.9
3 12	9 30.81	− 2 9.3	1.758	2.665	10.8	20.1
3 22	9 26.62	− 0 35.7	1.829	2.672	13.8	20.3

265812 2005 XA_{40} 2 14.8 279.°52 0.°2/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.06	+10 47.7	1.932	2.754	13.4	21.4
1 22	10 9.29	+11 6.9	1.839	2.741	10.1	21.2
2 1	10 2.30	+11 37.4	1.770	2.727	6.2	20.9
2 11	9 53.77	+12 15.3	1.729	2.713	1.8	20.6
2 21	9 44.60	+12 55.4	1.716	2.699	2.7	20.6
3 2	9 35.89	+13 32.5	1.732	2.686	7.2	20.9
3 12	9 28.67	+14 2.0	1.774	2.672	11.2	21.1
3 22	9 23.67	+14 21.1	1.839	2.658	14.8	21.3

94646 2001 WH_{41} 2 14.8 107.°29 4.°0/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.02	+ 0 36.9	1.659	2.449	16.7	19.6
1 22	10 11.46	+ 0 42.1	1.593	2.467	13.1	19.4
2 1	10 3.53	+ 1 8.6	1.548	2.483	9.1	19.2
2 11	9 54.08	+ 1 54.0	1.529	2.500	5.2	19.0
2 21	9 44.21	+ 2 53.2	1.538	2.516	4.3	19.0
3 2	9 35.13	+ 3 59.2	1.575	2.532	7.5	19.2
3 12	9 27.90	+ 5 4.3	1.639	2.547	11.3	19.5
3 22	9 23.16	+ 6 2.6	1.725	2.561	14.8	19.8

226786 2004 RD_{160} 2 14.8 62.°05 0.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.72	+11 25.2	1.854	2.677	13.9	20.4
1 22	10 10.41	+11 33.6	1.779	2.681	10.4	20.2
2 1	10 2.88	+11 52.0	1.728	2.685	6.3	19.9
2 11	9 53.91	+12 16.2	1.704	2.689	1.8	19.6
2 21	9 44.49	+12 41.8	1.709	2.693	2.7	19.7
3 2	9 35.73	+13 4.0	1.743	2.696	7.1	20.0
3 12	9 28.63	+13 19.3	1.802	2.701	11.0	20.2
3 22	9 23.82	+13 25.6	1.885	2.705	14.4	20.4

125845 2001 XO_{183} 2 14.8 269.°59 1.°4/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.78	+ 6 28.5	2.472	3.274	11.5	19.9
1 22	10 6.36	+ 6 43.7	2.382	3.269	8.8	19.8
2 1	10 0.31	+ 7 10.4	2.316	3.264	5.6	19.5
2 11	9 53.17	+ 7 46.0	2.278	3.259	2.4	19.3
2 21	9 45.64	+ 8 27.0	2.270	3.253	2.3	19.3
3 2	9 38.48	+ 9 9.2	2.292	3.248	5.5	19.5
3 12	9 32.44	+ 9 48.5	2.342	3.243	8.7	19.7
3 22	9 28.03	+10 21.8	2.417	3.238	11.6	19.9

425 Cornelia 2 14.8 324.°60 2.°2/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.32	+17 2.0	1.924	2.762	12.8	14.2
1 22	10 8.69	+17 45.4	1.847	2.758	9.4	14.0
2 1	10 1.90	+18 35.4	1.793	2.754	5.6	13.7
2 11	9 53.64	+19 26.0	1.768	2.750	2.4	13.5
2 21	9 44.89	+20 10.8	1.771	2.746	4.2	13.6
3 2	9 36.71	+20 44.6	1.802	2.743	8.0	13.8
3 12	9 30.09	+21 4.3	1.858	2.739	11.7	14.0
3 22	9 25.70	+21 8.9	1.937	2.736	14.8	14.2

417466 2006 QC_{92} 2 14.8 203.°52 0.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.13	+10 17.8	2.086	2.897	13.0	22.2
1 22	10 11.35	+10 37.4	1.997	2.892	9.8	21.9
2 1	10 3.44	+11 7.5	1.933	2.887	6.0	21.7
2 11	9 54.08	+11 44.5	1.897	2.881	1.8	21.4
2 21	9 44.18	+12 23.5	1.892	2.875	2.6	21.5
3 2	9 34.79	+12 59.7	1.916	2.868	6.7	21.7
3 12	9 26.86	+13 28.9	1.968	2.860	10.6	21.9
3 22	9 21.06	+13 48.7	2.043	2.852	13.8	22.1

268045 2004 QZ_9 2 14.8 103.°02 1.°4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.31	+12 47.6	2.078	2.903	12.5	20.6
1 22	10 8.41	+14 6.8	2.014	2.920	9.1	20.5
2 1	10 1.58	+15 36.0	1.977	2.936	5.3	20.3
2 11	9 53.53	+17 8.4	1.969	2.953	1.7	20.0
2 21	9 45.12	+18 36.6	1.991	2.969	3.4	20.2
3 2	9 37.32	+19 53.9	2.043	2.985	7.2	20.5
3 12	9 30.97	+20 55.9	2.122	3.000	10.6	20.7
3 22	9 26.62	+21 40.8	2.225	3.015	13.5	20.9

169112 2001 OS_{42} 2 14.8 155.°44 1.°1/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.30	+15 39.9	2.654	3.472	10.3	20.7
1 22	10 8.78	+16 2.0	2.576	3.478	7.6	20.5
2 1	10 1.66	+16 28.6	2.525	3.483	4.5	20.3
2 11	9 53.54	+16 56.0	2.503	3.487	1.4	20.1
2 21	9 45.11	+17 20.5	2.513	3.492	2.7	20.2
3 2	9 37.16	+17 38.9	2.553	3.496	5.8	20.4
3 12	9 30.38	+17 49.2	2.620	3.499	8.8	20.6
3 22	9 25.27	+17 50.5	2.713	3.503	11.3	20.8

100755 1998 FO_3 2 14.8 87.°50 0.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.41	+ 9 21.6	1.857	2.678	13.9	19.8
1 22	10 8.69	+ 9 59.1	1.785	2.686	10.4	19.6
2 1	10 1.85	+10 49.9	1.738	2.694	6.3	19.3
2 11	9 53.62	+11 49.0	1.718	2.702	1.9	19.1
2 21	9 44.97	+12 50.2	1.726	2.710	2.7	19.1
3 2	9 36.96	+13 47.1	1.764	2.718	7.0	19.4
3 12	9 30.53	+14 34.5	1.827	2.726	10.9	19.7
3 22	9 26.29	+15 9.5	1.914	2.733	14.2	19.9

463683 2014 OQ_{188} 2 14.8 105.°13 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.99	+11 33.7	1.924	2.741	13.7	21.9
1 22	10 11.86	+11 56.8	1.862	2.761	10.1	21.7
2 1	10 3.63	+12 29.5	1.825	2.781	6.0	21.5
2 11	9 54.10	+13 7.1	1.815	2.800	1.7	21.2
2 21	9 44.27	+13 44.3	1.836	2.819	2.7	21.4
3 2	9 35.23	+14 16.4	1.886	2.837	6.9	21.7
3 12	9 27.88	+14 39.8	1.963	2.854	10.6	21.9
3 22	9 22.79	+14 53.0	2.063	2.872	13.7	22.2

206228 2002 VD_{108} 2 14.8 36.°01 5.°8/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.95	+27 22.1	1.795	2.642	13.2	19.5
1 22	10 10.68	+28 18.6	1.745	2.655	10.0	19.4
2 1	10 3.04	+29 11.3	1.719	2.668	7.1	19.2
2 11	9 53.94	+29 52.0	1.720	2.682	5.9	19.2
2 21	9 44.54	+30 14.7	1.748	2.697	7.4	19.3
3 2	9 36.07	+30 16.2	1.803	2.712	10.3	19.5
3 12	9 29.53	+29 57.0	1.881	2.727	13.2	19.7
3 22	9 25.50	+29 19.9	1.980	2.743	15.8	19.9

101079 1998 RW_{24} 2 14.8 233.°18 3.°2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.99	+ 2 45.7	1.881	2.675	14.9	20.4
1 22	10 9.99	+ 2 45.8	1.789	2.667	11.7	20.2
2 1	10 2.74	+ 3 3.2	1.720	2.660	8.0	20.0
2 11	9 53.92	+ 3 36.2	1.678	2.652	4.3	19.7
2 21	9 44.46	+ 4 21.1	1.664	2.643	3.7	19.7
3 2	9 35.48	+ 5 12.4	1.678	2.634	7.1	19.8
3 12	9 28.02	+ 6 3.9	1.719	2.625	11.0	20.1
3 22	9 22.81	+ 6 50.2	1.784	2.616	14.6	20.3

109705 2001 RE_{43} 2 14.8 156.°23 0.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.03	+ 9 33.5	2.357	3.163	11.8	21.1
1 22	10 9.49	+10 8.6	2.279	3.172	8.8	20.9
2 1	10 2.17	+10 53.9	2.226	3.180	5.3	20.7
2 11	9 53.70	+11 45.6	2.203	3.187	1.6	20.4
2 21	9 44.87	+12 38.7	2.211	3.194	2.3	20.5
3 2	9 36.54	+13 28.6	2.249	3.200	6.0	20.8
3 12	9 29.50	+14 11.1	2.315	3.205	9.3	21.0
3 22	9 24.30	+14 43.8	2.406	3.209	12.2	21.2

496351 2013 QD_{62} 2 14.8 223.°14 0.°1/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.89	+ 9 27.4	2.256	3.066	12.2	22.4
1 22	10 8.88	+10 11.8	2.160	3.056	9.1	22.2
2 1	10 1.95	+11 8.6	2.091	3.045	5.5	22.0
2 11	9 53.68	+12 13.4	2.050	3.034	1.6	21.7
2 21	9 44.86	+13 20.6	2.039	3.022	2.5	21.7
3 2	9 36.41	+14 24.6	2.059	3.010	6.4	22.0
3 12	9 29.22	+15 20.3	2.107	2.997	10.1	22.2
3 22	9 23.94	+16 4.4	2.178	2.983	13.2	22.3

244752 2003 SN_{61} 2 14.8 157.°20 0.°5/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.96	+11 43.8	2.033	2.850	13.1	21.9
1 22	10 11.17	+12 25.6	1.958	2.858	9.7	21.7
2 1	10 3.29	+13 17.8	1.909	2.865	5.8	21.4
2 11	9 54.04	+14 15.1	1.887	2.872	1.6	21.2
2 21	9 44.35	+15 11.6	1.896	2.878	2.9	21.3
3 2	9 35.27	+16 1.5	1.935	2.883	7.0	21.6
3 12	9 27.74	+16 40.8	2.001	2.888	10.7	21.8
3 22	9 22.38	+17 7.4	2.090	2.891	13.8	22.0

325264 2008 GZ_{109} 2 14.8 254.°27 2.°8/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.51	+19 6.7	1.903	2.737	13.1	21.5
1 22	10 11.91	+19 41.1	1.817	2.726	9.7	21.3
2 1	10 3.91	+20 20.1	1.756	2.715	5.9	21.1
2 11	9 54.25	+20 57.2	1.723	2.703	2.9	20.8
2 21	9 43.97	+21 26.5	1.719	2.692	4.7	20.9
3 2	9 34.27	+21 43.1	1.743	2.680	8.6	21.1
3 12	9 26.26	+21 44.7	1.792	2.668	12.3	21.3
3 22	9 20.68	+21 31.4	1.864	2.655	15.6	21.5

268431 2005 VS_6 2 14.8 99.°42 1.°3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.38	+ 8 6.3	1.902	2.714	14.0	21.2
1 22	10 10.09	+ 8 12.7	1.827	2.721	10.6	21.0
2 1	10 2.67	+ 8 31.6	1.777	2.728	6.6	20.7
2 11	9 53.87	+ 8 59.7	1.753	2.735	2.5	20.5
2 21	9 44.64	+ 9 32.6	1.758	2.742	2.7	20.5
3 2	9 36.06	+10 5.3	1.792	2.748	6.7	20.8
3 12	9 29.06	+10 33.5	1.853	2.755	10.6	21.0
3 22	9 24.27	+10 54.2	1.937	2.761	13.9	21.2

462844 2010 UG_{16} 2 14.8 66.°97 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.26	+10 26.0	1.600	2.429	15.4	21.5
1 22	10 10.21	+11 6.9	1.544	2.449	11.4	21.3
2 1	10 2.79	+12 1.1	1.511	2.469	6.8	21.1
2 11	9 53.89	+13 2.5	1.505	2.490	1.9	20.8
2 21	9 44.66	+14 3.6	1.527	2.510	3.1	20.9
3 2	9 36.31	+14 57.5	1.577	2.530	7.7	21.3
3 12	9 29.86	+15 39.3	1.652	2.550	11.9	21.5
3 22	9 25.90	+16 6.8	1.749	2.571	15.3	21.8

369524 2010 WY_{21} 2 14.8 233.°47 4.°9/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.47	− 1 28.0	1.924	2.699	15.3	21.5
1 22	10 9.55	− 1 45.2	1.833	2.693	12.3	21.3
2 1	10 2.46	− 1 43.1	1.764	2.687	9.0	21.1
2 11	9 53.85	− 1 22.0	1.720	2.681	6.0	20.9
2 21	9 44.63	− 0 44.3	1.704	2.675	5.1	20.8
3 2	9 35.88	+ 0 5.2	1.717	2.669	7.4	20.9
3 12	9 28.60	+ 1 0.1	1.756	2.662	10.8	21.1
3 22	9 23.50	+ 1 54.3	1.818	2.655	14.1	21.3

35302 1996 XD_6 2 14.8 45.°07 7.°1/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.69	+31 36.6	2.099	2.940	11.7	18.6
1 22	10 8.98	+33 14.0	2.048	2.948	9.3	18.4
2 1	10 2.06	+34 45.7	2.023	2.956	7.5	18.3
2 11	9 53.71	+36 2.8	2.026	2.964	7.2	18.3
2 21	9 44.93	+36 58.5	2.056	2.972	8.6	18.4
3 2	9 36.85	+37 29.2	2.112	2.980	10.9	18.6
3 12	9 30.43	+37 34.9	2.190	2.989	13.3	18.8
3 22	9 26.30	+37 18.4	2.288	2.997	15.4	18.9

72924 2001 WM_{66} 2 14.8 259.°47 0.°1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.17	+10 43.6	1.936	2.757	13.4	20.0
1 22	10 9.40	+11 17.0	1.842	2.744	10.1	19.8
2 1	10 2.42	+12 2.8	1.773	2.730	6.1	19.5
2 11	9 53.85	+12 56.5	1.731	2.716	1.7	19.2
2 21	9 44.64	+13 52.3	1.719	2.702	2.8	19.2
3 2	9 35.86	+14 43.9	1.735	2.687	7.3	19.5
3 12	9 28.56	+15 26.3	1.777	2.672	11.4	19.7
3 22	9 23.48	+15 56.4	1.843	2.657	14.9	19.9

139689 2001 QG_{213} 2 14.8 152.°26 0.°8/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.23	+ 8 13.6	2.236	3.040	12.5	21.1
1 22	10 9.71	+ 8 40.5	2.158	3.049	9.4	20.9
2 1	10 2.35	+ 9 19.0	2.105	3.057	5.8	20.7
2 11	9 53.78	+10 5.2	2.081	3.064	2.0	20.5
2 21	9 44.83	+10 54.7	2.087	3.071	2.3	20.5
3 2	9 36.42	+11 42.3	2.124	3.077	6.1	20.8
3 12	9 29.36	+12 23.9	2.188	3.083	9.6	21.0
3 22	9 24.22	+12 56.6	2.277	3.088	12.5	21.2

164639 1995 FZ_{18} 2 14.8 299.°98 3.°5/12.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.71	+18 59.8	1.410	2.260	15.9	20.2
1 22	10 12.95	+19 34.8	1.322	2.238	11.9	19.9
2 1	10 5.00	+20 16.9	1.255	2.217	7.4	19.6
2 11	9 54.67	+20 57.9	1.214	2.196	3.6	19.3
2 21	9 43.30	+21 29.4	1.200	2.175	5.8	19.3
3 2	9 32.57	+21 44.2	1.211	2.154	10.8	19.6
3 12	9 24.04	+21 39.2	1.245	2.134	15.7	19.8
3 22	9 18.74	+21 15.0	1.298	2.114	19.9	20.0

321700 2010 FO_1 2 14.8 165.°29 0.°7/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.92	+12 36.3	2.355	3.176	11.4	20.7
1 22	10 7.27	+13 20.8	2.275	3.178	8.4	20.5
2 1	10 0.89	+14 14.0	2.221	3.179	4.9	20.3
2 11	9 53.38	+15 11.3	2.196	3.181	1.4	20.0
2 21	9 45.48	+16 7.5	2.201	3.182	2.7	20.1
3 2	9 38.03	+16 57.7	2.236	3.183	6.3	20.3
3 12	9 31.81	+17 38.2	2.298	3.184	9.5	20.6
3 22	9 27.36	+18 7.0	2.384	3.185	12.4	20.7

398757 2013 AW_{40} 2 14.8 89.°11 1.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.81	+11 21.4	1.429	2.267	16.5	21.2
1 22	10 10.99	+12 25.9	1.368	2.279	12.1	21.0
2 1	10 3.46	+13 46.0	1.330	2.291	7.2	20.7
2 11	9 54.14	+15 13.5	1.317	2.302	2.0	20.4
2 21	9 44.30	+16 38.2	1.333	2.314	3.9	20.6
3 2	9 35.36	+17 51.1	1.375	2.326	9.0	20.9
3 12	9 28.53	+18 46.2	1.442	2.337	13.5	21.2
3 22	9 24.52	+19 21.4	1.529	2.348	17.2	21.5

56259 1999 JY_{86} 2 14.8 280.°54 6.°4/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.22	+26 44.5	1.827	2.674	13.0	19.3
1 22	10 10.53	+28 16.3	1.749	2.659	10.0	19.1
2 1	10 3.24	+29 49.1	1.697	2.645	7.3	18.9
2 11	9 54.11	+31 12.5	1.672	2.630	6.4	18.8
2 21	9 44.24	+32 17.5	1.674	2.615	8.3	18.9
3 2	9 34.93	+32 57.9	1.703	2.601	11.4	19.0
3 12	9 27.43	+33 11.9	1.754	2.586	14.7	19.2
3 22	9 22.55	+33 1.3	1.825	2.571	17.5	19.4

210878 2001 SH_{32} 2 14.8 31.°95 7.°4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.13	+32 23.3	1.726	2.566	13.9	19.8
1 22	10 13.81	+33 5.8	1.682	2.583	10.9	19.7
2 1	10 4.90	+33 38.7	1.662	2.600	8.4	19.6
2 11	9 54.48	+33 53.8	1.668	2.617	7.4	19.5
2 21	9 43.89	+33 46.0	1.701	2.636	8.7	19.7
3 2	9 34.50	+33 14.2	1.759	2.655	11.3	19.8
3 12	9 27.36	+32 21.2	1.841	2.674	14.0	20.1
3 22	9 23.01	+31 11.6	1.943	2.694	16.5	20.3

341712 2007 VF_{188} 2 14.8 139.°55 5.°6/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.48	+30 19.3	2.587	3.420	10.1	20.5
1 22	10 9.17	+31 41.6	2.531	3.428	7.9	20.3
2 1	10 2.03	+32 59.8	2.501	3.436	6.1	20.2
2 11	9 53.70	+34 6.9	2.500	3.443	5.7	20.2
2 21	9 45.02	+34 57.7	2.528	3.450	6.9	20.3
3 2	9 36.87	+35 28.8	2.584	3.457	9.0	20.5
3 12	9 30.07	+35 39.9	2.665	3.464	11.2	20.6
3 22	9 25.18	+35 32.7	2.766	3.470	13.1	20.8

360029 2013 AF_{29} 2 14.8 6.°99 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.03	+ 9 2.0	1.123	1.977	18.9	20.6
1 22	10 8.09	+ 9 48.0	1.060	1.977	14.2	20.3
2 1	10 2.03	+10 56.2	1.016	1.978	8.6	20.0
2 11	9 53.80	+12 19.3	0.995	1.980	2.5	19.6
2 21	9 44.85	+13 46.1	0.998	1.983	3.8	19.7
3 2	9 36.82	+15 5.0	1.027	1.987	9.8	20.1
3 12	9 31.18	+16 6.9	1.077	1.992	15.2	20.4
3 22	9 28.76	+16 47.7	1.146	1.998	19.7	20.7

453316 2008 VJ_{49} 2 14.8 121.°30 3.°8/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.40	+ 0 56.4	1.719	2.507	16.3	21.9
1 22	10 11.73	+ 1 2.3	1.649	2.522	12.8	21.7
2 1	10 3.72	+ 1 28.6	1.602	2.537	8.8	21.5
2 11	9 54.21	+ 2 13.1	1.580	2.551	5.0	21.3
2 21	9 44.25	+ 3 10.8	1.587	2.565	4.1	21.3
3 2	9 35.04	+ 4 14.8	1.622	2.578	7.3	21.5
3 12	9 27.62	+ 5 18.0	1.684	2.590	11.2	21.8
3 22	9 22.64	+ 6 14.6	1.769	2.602	14.6	22.0

367344 2008 EF_8 2 14.8 270.°81 0.°4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.41	+13 14.5	1.738	2.566	14.4	20.5
1 22	10 11.91	+13 23.3	1.656	2.562	10.8	20.2
2 1	10 3.95	+13 40.9	1.599	2.557	6.5	20.0
2 11	9 54.30	+14 3.1	1.568	2.553	1.8	19.6
2 21	9 44.06	+14 24.5	1.566	2.548	3.1	19.7
3 2	9 34.49	+14 40.6	1.592	2.544	7.8	20.0
3 12	9 26.71	+14 47.8	1.644	2.540	12.1	20.2
3 22	9 21.45	+14 44.6	1.717	2.535	15.7	20.5

268447 2005 WB_{46} 2 14.8 46.°03 1.°9/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.91	+15 11.6	1.539	2.382	15.2	20.8
1 22	10 10.07	+15 54.1	1.485	2.399	11.1	20.5
2 1	10 2.77	+16 45.5	1.455	2.417	6.5	20.3
2 11	9 53.93	+17 38.3	1.451	2.435	2.3	20.1
2 21	9 44.74	+18 25.2	1.474	2.453	4.1	20.3
3 2	9 36.49	+19 0.4	1.524	2.472	8.6	20.6
3 12	9 30.23	+19 20.4	1.599	2.491	12.6	20.8
3 22	9 26.56	+19 24.7	1.695	2.510	16.0	21.1

322596 2012 BG_{22} 2 14.8 95.°22 1.°3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.57	+ 6 45.0	1.741	2.551	15.2	20.7
1 22	10 11.02	+ 7 14.2	1.679	2.572	11.4	20.5
2 1	10 3.23	+ 7 58.9	1.642	2.593	7.1	20.3
2 11	9 54.05	+ 8 54.5	1.631	2.613	2.7	20.0
2 21	9 44.54	+ 9 54.7	1.649	2.633	2.8	20.1
3 2	9 35.82	+10 52.9	1.696	2.652	7.1	20.4
3 12	9 28.89	+11 43.4	1.769	2.671	11.0	20.7
3 22	9 24.32	+12 22.6	1.865	2.689	14.4	20.9

220277 2003 BC_{14} 2 14.8 348.°75 2.°7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.01	+ 5 24.0	1.689	2.500	15.6	20.0
1 22	10 10.15	+ 5 14.5	1.609	2.499	12.0	19.7
2 1	10 2.90	+ 5 20.8	1.551	2.498	7.9	19.5
2 11	9 54.01	+ 5 40.7	1.519	2.497	3.9	19.3
2 21	9 44.54	+ 6 10.3	1.514	2.496	3.5	19.2
3 2	9 35.70	+ 6 44.4	1.537	2.495	7.4	19.5
3 12	9 28.59	+ 7 17.2	1.586	2.495	11.6	19.7
3 22	9 23.92	+ 7 44.5	1.657	2.494	15.3	19.9

219412 2000 SZ_{261} 2 14.8 68.°60 4.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.32	+23 41.1	1.753	2.594	13.7	20.0
1 22	10 13.10	+24 24.2	1.703	2.613	10.2	19.8
2 1	10 4.47	+25 6.3	1.677	2.632	6.6	19.6
2 11	9 54.39	+25 39.9	1.679	2.651	4.5	19.5
2 21	9 44.06	+25 59.1	1.708	2.671	6.1	19.7
3 2	9 34.75	+26 0.6	1.765	2.690	9.4	19.9
3 12	9 27.45	+25 44.4	1.847	2.709	12.7	20.1
3 22	9 22.75	+25 12.8	1.950	2.728	15.5	20.4

130902 2000 VW_{33} 2 14.8 67.°11 5.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.97	− 2 43.7	1.453	2.240	18.8	19.6
1 22	10 10.93	− 2 57.8	1.395	2.261	15.1	19.4
2 1	10 3.33	− 2 45.6	1.356	2.282	11.0	19.2
2 11	9 54.11	− 2 8.2	1.341	2.302	7.3	19.1
2 21	9 44.48	− 1 10.4	1.352	2.323	6.0	19.1
3 2	9 35.78	+ 0 0.1	1.389	2.344	8.5	19.2
3 12	9 29.11	+ 1 13.9	1.452	2.365	12.1	19.5
3 22	9 25.12	+ 2 23.1	1.537	2.386	15.7	19.8

218766 2005 WS_{16} 2 14.8 178.°58 1.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.57	+17 21.2	2.737	3.555	10.0	21.9
1 22	10 9.76	+18 8.7	2.656	3.558	7.3	21.7
2 1	10 2.32	+19 0.4	2.602	3.560	4.4	21.5
2 11	9 53.80	+19 51.8	2.579	3.560	2.0	21.3
2 21	9 44.92	+20 38.2	2.587	3.561	3.3	21.4
3 2	9 36.47	+21 15.7	2.627	3.560	6.3	21.6
3 12	9 29.16	+21 41.9	2.694	3.558	9.1	21.8
3 22	9 23.53	+21 56.2	2.786	3.556	11.5	22.0

454493 2014 OS_{144} 2 14.8 30.°53 0.°7/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+ 9 13.1	1.248	2.090	18.1	20.7
1 22	10 10.07	+ 9 34.5	1.188	2.099	13.5	20.5
2 1	10 3.03	+10 13.7	1.149	2.108	8.3	20.2
2 11	9 54.06	+11 5.0	1.133	2.118	2.6	19.9
2 21	9 44.55	+12 0.2	1.144	2.128	3.4	20.0
3 2	9 36.03	+12 50.8	1.180	2.140	8.9	20.3
3 12	9 29.80	+13 30.3	1.239	2.152	13.8	20.6
3 22	9 26.57	+13 55.1	1.318	2.164	17.9	20.9

9760 1991 PJ_{13} 2 14.8 187.°97 0.°2/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.01	+11 35.3	1.763	2.584	14.6	19.3
1 22	10 13.07	+12 2.2	1.683	2.584	10.9	19.1
2 1	10 4.64	+12 40.6	1.626	2.583	6.6	18.8
2 11	9 54.51	+13 25.5	1.597	2.581	1.8	18.5
2 21	9 43.78	+14 10.6	1.596	2.579	3.1	18.6
3 2	9 33.70	+14 50.1	1.625	2.576	7.8	18.9
3 12	9 25.42	+15 19.3	1.680	2.573	12.1	19.1
3 22	9 19.68	+15 36.2	1.757	2.568	15.7	19.3

7985 Nedelcu 2 14.8 27.°11 0.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.05	+10 21.8	1.170	2.017	18.7	17.7
1 22	10 11.60	+10 23.0	1.111	2.024	14.1	17.5
2 1	10 4.01	+10 40.1	1.073	2.033	8.6	17.2
2 11	9 54.35	+11 8.0	1.058	2.042	2.7	16.9
2 21	9 44.12	+11 39.7	1.068	2.052	3.6	16.9
3 2	9 35.00	+12 8.1	1.103	2.063	9.3	17.3
3 12	9 28.37	+12 27.5	1.160	2.075	14.4	17.6
3 22	9 24.96	+12 34.9	1.238	2.087	18.6	17.9

185331 2006 VG_{31} 2 14.9 96.°20 8.°8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.72	+34 6.8	1.742	2.582	13.9	20.0
1 22	10 13.90	+35 38.6	1.691	2.586	11.2	19.8
2 1	10 5.22	+37 1.4	1.664	2.590	9.2	19.7
2 11	9 54.67	+38 4.2	1.662	2.595	8.9	19.7
2 21	9 43.62	+38 39.2	1.687	2.599	10.5	19.8
3 2	9 33.57	+38 43.2	1.736	2.603	13.0	19.9
3 12	9 25.77	+38 18.1	1.807	2.607	15.6	20.1
3 22	9 20.94	+37 29.1	1.896	2.611	17.9	20.3

64124 2001 TA_{21} 2 14.9 351.°60 1.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.76	+ 8 9.8	2.184	2.992	12.6	19.2
1 22	10 8.74	+ 8 3.6	2.100	2.991	9.6	19.0
2 1	10 1.84	+ 8 7.6	2.040	2.990	6.1	18.8
2 11	9 53.69	+ 8 19.6	2.008	2.989	2.5	18.6
2 21	9 45.13	+ 8 36.4	2.005	2.988	2.5	18.6
3 2	9 37.07	+ 8 54.4	2.032	2.988	6.1	18.8
3 12	9 30.34	+ 9 10.2	2.086	2.987	9.6	19.0
3 22	9 25.53	+ 9 21.0	2.163	2.987	12.7	19.2

221092 2005 SO_{90} 2 14.9 142.°89 0.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.16	+ 8 59.5	2.314	3.119	12.1	22.0
1 22	10 9.61	+ 9 29.1	2.239	3.130	9.0	21.8
2 1	10 2.28	+10 9.2	2.189	3.141	5.5	21.6
2 11	9 53.81	+10 56.0	2.168	3.152	1.8	21.4
2 21	9 44.99	+11 45.0	2.178	3.162	2.2	21.4
3 2	9 36.71	+12 31.4	2.218	3.171	5.9	21.7
3 12	9 29.75	+13 11.2	2.287	3.179	9.3	21.9
3 22	9 24.65	+13 41.9	2.380	3.187	12.2	22.1

439511 2014 BC_{28} 2 14.9 314.°40 0.°9/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.40	+12 40.8	2.287	3.112	11.5	21.0
1 22	10 6.26	+13 35.7	2.205	3.110	8.5	20.8
2 1	10 0.36	+14 40.3	2.149	3.108	5.0	20.5
2 11	9 53.29	+15 49.4	2.121	3.106	1.5	20.3
2 21	9 45.79	+16 57.3	2.123	3.103	2.9	20.4
3 2	9 38.72	+17 58.4	2.155	3.101	6.5	20.6
3 12	9 32.87	+18 48.4	2.214	3.099	9.9	20.8
3 22	9 28.81	+19 25.1	2.296	3.097	12.8	21.0

430842 2005 KG_8 2 14.9 204.°06 4.°0/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.06	+22 33.5	2.378	3.209	10.9	21.4
1 22	10 10.52	+23 54.1	2.298	3.204	8.1	21.2
2 1	10 2.97	+25 17.4	2.244	3.197	5.4	21.0
2 11	9 54.04	+26 36.3	2.221	3.190	4.0	20.9
2 21	9 44.58	+27 44.1	2.228	3.182	5.6	21.0
3 2	9 35.55	+28 35.6	2.264	3.174	8.4	21.2
3 12	9 27.87	+29 8.4	2.327	3.165	11.3	21.3
3 22	9 22.18	+29 22.8	2.412	3.155	13.8	21.5

402894 2007 SC_{19} 2 14.9 72.°91 3.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.86	+17 14.0	1.489	2.336	15.4	20.8
1 22	10 10.99	+18 29.7	1.433	2.349	11.3	20.5
2 1	10 3.45	+19 53.8	1.401	2.362	6.8	20.3
2 11	9 54.18	+21 16.7	1.395	2.376	3.4	20.1
2 21	9 44.45	+22 28.5	1.416	2.389	5.6	20.3
3 2	9 35.64	+23 22.0	1.464	2.402	9.8	20.6
3 12	9 28.93	+23 53.8	1.537	2.415	13.8	20.8
3 22	9 24.99	+24 4.4	1.629	2.428	17.2	21.1

283481 2001 RT_{96} 2 14.9 192.°80 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.60	+10 38.3	1.814	2.631	14.4	22.2
1 22	10 12.73	+11 6.0	1.731	2.629	10.8	22.0
2 1	10 4.44	+11 45.9	1.671	2.627	6.5	21.7
2 11	9 54.48	+12 33.3	1.640	2.624	1.9	21.4
2 21	9 43.90	+13 22.2	1.638	2.621	2.9	21.5
3 2	9 33.94	+14 6.4	1.665	2.616	7.6	21.7
3 12	9 25.70	+14 41.2	1.718	2.611	11.8	22.0
3 22	9 19.92	+15 4.1	1.794	2.606	15.4	22.2

461811 2005 YK_{179} 2 14.9 297.°07 2.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.79	+17 12.0	1.884	2.724	13.0	21.0
1 22	10 8.43	+18 20.9	1.807	2.720	9.5	20.8
2 1	10 1.84	+19 37.9	1.755	2.716	5.7	20.5
2 11	9 53.74	+20 55.7	1.731	2.712	2.9	20.4
2 21	9 45.08	+22 6.3	1.736	2.708	4.8	20.5
3 2	9 36.99	+23 3.1	1.769	2.704	8.6	20.7
3 12	9 30.46	+23 42.3	1.827	2.701	12.2	20.9
3 22	9 26.20	+24 2.9	1.907	2.697	15.4	21.1

63481 2001 OE_{42} 2 14.9 124.°68 1.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.10	+ 6 59.3	1.961	2.768	13.8	20.1
1 22	10 9.86	+ 7 18.6	1.886	2.777	10.5	19.9
2 1	10 2.55	+ 7 51.6	1.836	2.786	6.6	19.6
2 11	9 53.91	+ 8 34.8	1.814	2.795	2.6	19.4
2 21	9 44.86	+ 9 23.2	1.820	2.804	2.6	19.4
3 2	9 36.43	+10 11.2	1.856	2.812	6.6	19.7
3 12	9 29.52	+10 53.8	1.919	2.820	10.3	19.9
3 22	9 24.75	+11 27.7	2.005	2.827	13.6	20.2

169941 2002 TX_{34} 2 14.9 40.°77 6.°4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.58	− 9 8.2	2.052	2.790	15.6	19.7
1 22	10 5.77	− 9 1.9	1.970	2.796	13.1	19.6
2 1	10 0.11	− 8 30.4	1.909	2.803	10.3	19.4
2 11	9 53.23	− 7 33.9	1.872	2.810	7.7	19.3
2 21	9 45.93	− 6 15.6	1.862	2.817	6.4	19.2
3 2	9 39.13	− 4 41.6	1.880	2.825	7.5	19.3
3 12	9 33.65	− 3 0.2	1.926	2.833	10.0	19.4
3 22	9 30.08	− 1 19.4	1.995	2.841	12.7	19.6

142541 2002 TR_{51} 2 14.9 101.°66 1.°9/13.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.16	+15 2.4	1.828	2.660	13.7	19.3
1 22	10 10.74	+16 0.1	1.768	2.677	10.0	19.1
2 1	10 3.11	+17 6.1	1.733	2.693	5.9	18.9
2 11	9 54.07	+18 13.4	1.726	2.709	2.2	18.7
2 21	9 44.68	+19 14.7	1.747	2.725	4.0	18.9
3 2	9 36.05	+20 4.2	1.798	2.740	7.9	19.1
3 12	9 29.15	+20 38.3	1.874	2.755	11.6	19.4
3 22	9 24.58	+20 56.4	1.973	2.770	14.7	19.6

503745 2016 LY_{36} 2 14.9 148.°77 0.°1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.99	+10 33.3	2.770	3.580	10.2	21.9
1 22	10 6.35	+11 13.8	2.690	3.586	7.5	21.8
2 1	10 0.27	+12 2.8	2.637	3.592	4.5	21.6
2 11	9 53.26	+12 56.5	2.614	3.598	1.3	21.3
2 21	9 45.94	+13 50.8	2.621	3.604	2.1	21.4
3 2	9 39.02	+14 41.6	2.660	3.609	5.2	21.6
3 12	9 33.11	+15 25.4	2.726	3.614	8.1	21.8
3 22	9 28.70	+16 0.0	2.818	3.619	10.6	22.0

467429 2005 XT_{58} 2 14.9 19.°43 5.°0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.72	+ 0 58.0	1.443	2.251	17.9	21.1
1 22	10 8.69	+ 0 30.1	1.375	2.258	14.2	20.9
2 1	10 2.12	+ 0 24.1	1.329	2.266	10.1	20.6
2 11	9 53.86	+ 0 39.2	1.305	2.274	6.2	20.4
2 21	9 45.07	+ 1 11.8	1.308	2.284	5.2	20.4
3 2	9 37.06	+ 1 55.7	1.336	2.294	8.3	20.6
3 12	9 30.99	+ 2 43.2	1.388	2.306	12.3	20.9
3 22	9 27.54	+ 3 27.8	1.462	2.318	15.9	21.1

295548 2008 SR_{14} 2 14.9 80.°82 2.°4/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.31	+ 3 55.3	1.426	2.237	17.9	21.0
1 22	10 12.63	+ 4 26.8	1.374	2.264	13.6	20.8
2 1	10 4.34	+ 5 19.8	1.344	2.292	8.8	20.5
2 11	9 54.45	+ 6 28.9	1.340	2.319	3.9	20.3
2 21	9 44.25	+ 7 46.0	1.363	2.346	3.4	20.4
3 2	9 35.11	+ 9 2.2	1.413	2.372	7.9	20.7
3 12	9 28.13	+10 9.7	1.490	2.398	12.2	21.0
3 22	9 23.92	+11 3.7	1.588	2.423	15.9	21.3

323455 2004 HQ_{58} 2 14.9 256.°94 2.°4/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.24	+ 2 27.7	2.177	2.964	13.3	21.6
1 22	10 8.61	+ 3 2.6	2.067	2.943	10.4	21.4
2 1	10 1.96	+ 3 56.0	1.980	2.920	7.0	21.1
2 11	9 53.84	+ 5 5.5	1.921	2.897	3.5	20.9
2 21	9 45.02	+ 6 26.3	1.892	2.873	2.9	20.8
3 2	9 36.46	+ 7 52.0	1.893	2.849	6.4	21.0
3 12	9 29.10	+ 9 15.6	1.922	2.824	10.3	21.1
3 22	9 23.68	+10 31.1	1.976	2.799	13.7	21.3

200816 2001 XQ_{181} 2 14.9 38.°01 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.13	+ 9 45.1	1.117	1.968	19.1	20.4
1 22	10 10.20	+10 25.7	1.068	1.984	14.2	20.1
2 1	10 3.16	+11 25.6	1.039	2.001	8.5	19.9
2 11	9 54.16	+12 36.5	1.034	2.019	2.4	19.6
2 21	9 44.71	+13 48.0	1.053	2.038	3.8	19.7
3 2	9 36.44	+14 50.3	1.098	2.057	9.5	20.1
3 12	9 30.67	+15 36.3	1.165	2.077	14.5	20.4
3 22	9 28.06	+16 3.6	1.251	2.098	18.7	20.8

419047 2009 RT_{36} 2 14.9 90.°44 2.°0/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.79	+ 5 50.7	2.003	2.802	13.9	21.8
1 22	10 10.92	+ 5 55.8	1.941	2.826	10.6	21.7
2 1	10 3.10	+ 6 14.3	1.903	2.848	6.8	21.5
2 11	9 54.09	+ 6 43.2	1.892	2.871	3.1	21.3
2 21	9 44.81	+ 7 18.2	1.911	2.893	2.8	21.3
3 2	9 36.24	+ 7 54.8	1.959	2.915	6.3	21.6
3 12	9 29.25	+ 8 28.3	2.035	2.937	9.8	21.8
3 22	9 24.37	+ 8 55.6	2.135	2.958	12.8	22.1

396707 2002 UU_{36} 2 14.9 262.°88 5.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 23.62	+19 15.6	0.772	1.648	22.8	21.3
1 22	10 19.08	+20 15.7	0.715	1.645	17.1	21.0
2 1	10 9.50	+21 28.4	0.675	1.641	10.7	20.6
2 11	9 56.16	+22 37.9	0.655	1.637	5.8	20.3
2 21	9 41.44	+23 27.1	0.657	1.633	8.9	20.5
3 2	9 28.31	+23 44.8	0.679	1.629	15.5	20.8
3 12	9 19.20	+23 29.2	0.718	1.625	21.8	21.1
3 22	9 15.20	+22 45.6	0.772	1.620	27.0	21.4

99716 2002 JU_{42} 2 14.9 282.°92 2.°3/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.31	+14 43.5	1.550	2.393	15.1	19.7
1 22	10 10.03	+15 48.9	1.471	2.385	11.2	19.4
2 1	10 3.06	+17 7.2	1.414	2.376	6.7	19.1
2 11	9 54.19	+18 30.2	1.385	2.368	2.6	18.9
2 21	9 44.57	+19 48.5	1.383	2.360	4.7	19.0
3 2	9 35.57	+20 53.3	1.408	2.352	9.5	19.2
3 12	9 28.47	+21 39.2	1.457	2.344	13.9	19.5
3 22	9 24.10	+22 4.4	1.527	2.336	17.7	19.7

268539 2006 AL_{41} 2 14.9 269.°18 0.°0/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.72	+11 26.9	1.953	2.775	13.3	21.3
1 22	10 9.70	+11 44.4	1.872	2.774	9.9	21.1
2 1	10 2.56	+12 11.8	1.815	2.772	6.0	20.9
2 11	9 53.99	+12 45.3	1.786	2.770	1.7	20.6
2 21	9 44.93	+13 19.8	1.786	2.769	2.7	20.7
3 2	9 36.44	+13 50.5	1.814	2.767	6.9	20.9
3 12	9 29.47	+14 13.5	1.869	2.766	10.8	21.1
3 22	9 24.68	+14 26.5	1.947	2.764	14.1	21.4

202063 2004 RX_{323} 2 14.9 168.°66 2.°6/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.44	+ 4 59.7	1.798	2.597	15.2	20.3
1 22	10 12.57	+ 4 57.5	1.717	2.601	11.8	20.1
2 1	10 4.34	+ 5 10.9	1.660	2.604	7.8	19.8
2 11	9 54.51	+ 5 37.6	1.629	2.607	3.7	19.6
2 21	9 44.12	+ 6 13.4	1.627	2.609	3.3	19.6
3 2	9 34.37	+ 6 52.9	1.654	2.610	7.2	19.8
3 12	9 26.34	+ 7 30.6	1.708	2.611	11.2	20.0
3 22	9 20.73	+ 8 2.2	1.784	2.611	14.8	20.3

519294 2011 CO_{92} 2 14.9 213.°50 3.°0/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.62	+ 2 24.8	2.372	3.151	12.6	22.3
1 22	10 9.33	+ 2 20.5	2.276	3.145	9.9	22.1
2 1	10 2.23	+ 2 29.9	2.204	3.138	6.8	21.9
2 11	9 53.89	+ 2 51.7	2.160	3.131	3.9	21.7
2 21	9 45.07	+ 3 23.2	2.146	3.123	3.3	21.7
3 2	9 36.63	+ 4 0.6	2.161	3.115	6.0	21.8
3 12	9 29.38	+ 4 39.3	2.205	3.106	9.2	22.0
3 22	9 23.93	+ 5 15.5	2.274	3.097	12.1	22.2

104877 2000 HW_{99} 2 14.9 300.°10 1.°0/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.19	+13 32.6	2.042	2.871	12.5	19.5
1 22	10 7.86	+14 10.6	1.953	2.860	9.3	19.3
2 1	10 1.49	+14 58.1	1.889	2.848	5.5	19.0
2 11	9 53.71	+15 50.1	1.852	2.837	1.6	18.7
2 21	9 45.37	+16 40.8	1.845	2.825	3.2	18.8
3 2	9 37.48	+17 24.9	1.866	2.814	7.2	19.0
3 12	9 30.98	+17 58.0	1.914	2.803	11.0	19.2
3 22	9 26.53	+18 18.0	1.984	2.793	14.2	19.4

356308 2010 GW_{144} 2 14.9 268.°67 1.°4/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.53	+ 7 22.7	1.555	2.377	16.2	22.1
1 22	10 10.95	+ 7 42.9	1.465	2.363	12.4	21.8
2 1	10 3.66	+ 8 20.9	1.396	2.350	7.8	21.5
2 11	9 54.39	+ 9 13.0	1.353	2.336	2.9	21.2
2 21	9 44.26	+10 12.9	1.338	2.322	3.1	21.2
3 2	9 34.64	+11 12.8	1.349	2.307	8.3	21.4
3 12	9 26.86	+12 5.7	1.386	2.293	13.1	21.7
3 22	9 21.80	+12 46.5	1.444	2.278	17.3	21.9

339032 2004 HG_{39} 2 14.9 6.°18 4.°0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.06	− 0 56.2	1.851	2.641	15.2	20.4
1 22	10 5.60	− 0 41.2	1.770	2.641	12.1	20.2
2 1	10 0.13	− 0 4.6	1.711	2.643	8.6	20.0
2 11	9 53.32	+ 0 51.8	1.677	2.644	5.3	19.8
2 21	9 46.03	+ 2 3.3	1.670	2.647	4.2	19.7
3 2	9 39.25	+ 3 23.1	1.691	2.650	6.8	19.9
3 12	9 33.90	+ 4 43.5	1.739	2.653	10.4	20.1
3 22	9 30.60	+ 5 57.8	1.810	2.657	13.7	20.3

261534 2005 WF_{108} 2 14.9 103.°84 3.°4/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.73	+19 21.7	1.866	2.706	13.0	20.4
1 22	10 9.85	+20 24.6	1.796	2.709	9.6	20.2
2 1	10 2.70	+21 32.6	1.752	2.711	5.9	20.0
2 11	9 54.04	+22 38.3	1.736	2.714	3.4	19.8
2 21	9 44.91	+23 34.2	1.748	2.717	5.2	19.9
3 2	9 36.42	+24 14.7	1.788	2.719	8.8	20.1
3 12	9 29.62	+24 37.2	1.853	2.722	12.3	20.4
3 22	9 25.15	+24 41.6	1.939	2.724	15.4	20.6

275751 2001 OH_{33} 2 14.9 149.°41 3.°2/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.85	+24 10.4	3.171	3.996	8.6	21.9
1 22	10 8.35	+25 7.7	3.106	4.008	6.4	21.8
2 1	10 1.44	+26 4.4	3.069	4.019	4.3	21.6
2 11	9 53.64	+26 56.1	3.063	4.029	3.2	21.6
2 21	9 45.58	+27 38.6	3.087	4.039	4.3	21.7
3 2	9 37.93	+28 9.1	3.142	4.048	6.4	21.8
3 12	9 31.31	+28 26.5	3.224	4.057	8.6	22.0
3 22	9 26.18	+28 31.0	3.330	4.065	10.5	22.1

369092 2008 GM_{91} 2 14.9 196.°89 3.°9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.21	− 3 0.1	2.620	3.370	12.3	22.2
1 22	10 8.15	− 2 47.3	2.522	3.367	9.9	22.0
2 1	10 1.46	− 2 17.6	2.447	3.363	7.3	21.8
2 11	9 53.68	− 1 32.0	2.400	3.358	4.8	21.6
2 21	9 45.47	− 0 33.5	2.382	3.352	4.0	21.6
3 2	9 37.58	+ 0 33.7	2.396	3.345	5.7	21.7
3 12	9 30.76	+ 1 44.0	2.438	3.338	8.5	21.8
3 22	9 25.53	+ 2 52.5	2.506	3.330	11.1	22.0

503575 2016 GL_{33} 2 14.9 247.°25 0.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.10	+ 8 43.1	1.884	2.701	13.9	21.6
1 22	10 9.31	+ 9 2.4	1.803	2.700	10.5	21.4
2 1	10 2.36	+ 9 34.8	1.746	2.699	6.5	21.2
2 11	9 53.96	+10 16.3	1.715	2.699	2.2	20.9
2 21	9 45.04	+11 1.9	1.714	2.698	2.6	20.9
3 2	9 36.69	+11 46.0	1.741	2.697	6.9	21.2
3 12	9 29.88	+12 23.5	1.795	2.696	10.9	21.4
3 22	9 25.28	+12 51.3	1.871	2.695	14.3	21.6

403851 2011 UX_{313} 2 14.9 207.°08 1.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.89	+15 2.1	1.922	2.748	13.3	22.4
1 22	10 12.21	+15 51.6	1.838	2.743	9.9	22.2
2 1	10 4.16	+16 50.1	1.778	2.737	5.9	21.9
2 11	9 54.49	+17 51.4	1.746	2.730	2.1	21.6
2 21	9 44.19	+18 48.6	1.744	2.722	3.9	21.7
3 2	9 34.43	+19 35.4	1.772	2.714	8.0	22.0
3 12	9 26.30	+20 8.0	1.825	2.705	12.0	22.2
3 22	9 20.54	+20 25.1	1.902	2.695	15.3	22.4

66447 1999 NG_{65} 2 14.9 186.°46 0.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.87	+12 5.2	1.953	2.774	13.3	19.8
1 22	10 10.61	+13 0.5	1.872	2.775	9.9	19.6
2 1	10 3.15	+14 7.6	1.816	2.774	5.9	19.4
2 11	9 54.19	+15 20.4	1.788	2.773	1.7	19.1
2 21	9 44.69	+16 31.9	1.790	2.771	3.2	19.2
3 2	9 35.73	+17 35.4	1.822	2.769	7.5	19.5
3 12	9 28.31	+18 26.1	1.880	2.766	11.3	19.7
3 22	9 23.12	+19 1.5	1.961	2.762	14.6	19.9

443706 2015 KD_{113} 2 14.9 320.°44 6.°4/ 8.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.03	+26 4.0	1.841	2.693	12.6	20.9
1 22	10 7.57	+27 47.2	1.751	2.665	9.7	20.7
2 1	10 1.63	+29 34.2	1.687	2.636	7.2	20.5
2 11	9 53.83	+31 14.8	1.650	2.608	6.5	20.4
2 21	9 45.18	+32 39.1	1.641	2.581	8.5	20.4
3 2	9 36.90	+33 39.2	1.657	2.554	11.7	20.5
3 12	9 30.24	+34 11.7	1.696	2.528	15.1	20.7
3 22	9 26.08	+34 17.5	1.753	2.502	18.1	20.8

101620 1999 CN_{14} 2 14.9 329.°19 1.°2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 9.39	+ 4 52.3	1.524	2.349	16.3	18.6
1 22	10 6.37	+ 5 54.4	1.438	2.338	12.4	18.4
2 1	10 0.87	+ 7 21.1	1.374	2.328	7.9	18.1
2 11	9 53.60	+ 9 7.0	1.336	2.318	2.9	17.8
2 21	9 45.59	+11 2.9	1.325	2.309	3.0	17.7
3 2	9 38.10	+12 57.6	1.341	2.301	8.1	18.0
3 12	9 32.33	+14 40.7	1.383	2.293	12.9	18.3
3 22	9 29.08	+16 5.3	1.446	2.286	17.0	18.5

92896 2000 QW_{250} 2 14.9 71.°01 4.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.33	+21 6.0	1.402	2.250	16.1	18.7
1 22	10 14.45	+21 53.8	1.348	2.263	11.9	18.4
2 1	10 5.61	+22 44.5	1.317	2.276	7.4	18.2
2 11	9 54.88	+23 28.6	1.312	2.289	4.4	18.1
2 21	9 43.75	+23 58.1	1.333	2.303	6.3	18.2
3 2	9 33.77	+24 8.2	1.381	2.316	10.5	18.5
3 12	9 26.21	+23 58.0	1.452	2.329	14.6	18.8
3 22	9 21.74	+23 29.9	1.542	2.342	18.0	19.0

505022 2011 QQ_{32} 2 14.9 221.°78 0.°9/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.45	+ 6 10.6	3.005	3.797	9.9	22.1
1 22	10 5.97	+ 6 53.1	2.904	3.786	7.5	21.9
2 1	10 0.11	+ 7 46.8	2.829	3.776	4.8	21.8
2 11	9 53.30	+ 8 48.8	2.784	3.765	1.9	21.5
2 21	9 46.12	+ 9 55.1	2.770	3.753	1.8	21.5
3 2	9 39.19	+11 1.6	2.788	3.742	4.8	21.7
3 12	9 33.14	+12 3.9	2.835	3.729	7.7	21.9
3 22	9 28.44	+12 58.9	2.909	3.716	10.2	22.0

424125 2007 ES_{172} 2 14.9 82.°01 4.°6/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.97	− 3 8.5	1.907	2.679	15.5	21.1
1 22	10 7.64	− 2 51.9	1.831	2.690	12.5	20.9
2 1	10 1.31	− 2 12.5	1.777	2.700	9.0	20.7
2 11	9 53.66	− 1 12.1	1.749	2.710	5.8	20.5
2 21	9 45.59	+ 0 4.5	1.748	2.721	4.7	20.5
3 2	9 38.09	+ 1 30.4	1.776	2.731	6.9	20.6
3 12	9 32.06	+ 2 57.8	1.831	2.741	10.2	20.9
3 22	9 28.11	+ 4 19.6	1.910	2.752	13.4	21.1

51494 2001 FG_{79} 2 14.9 283.°55 2.°2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.70	+16 30.0	2.105	2.939	12.0	18.9
1 22	10 8.30	+17 25.1	2.011	2.920	8.9	18.6
2 1	10 1.81	+18 28.5	1.941	2.901	5.3	18.4
2 11	9 53.84	+19 34.0	1.900	2.883	2.3	18.2
2 21	9 45.24	+20 35.2	1.889	2.864	4.1	18.2
3 2	9 37.02	+21 26.1	1.906	2.845	7.8	18.4
3 12	9 30.16	+22 2.6	1.949	2.826	11.5	18.6
3 22	9 25.35	+22 23.2	2.015	2.807	14.6	18.8

176958 2002 XY_{41} 2 14.9 199.°95 1.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.71	+ 7 7.2	2.245	3.043	12.6	20.2
1 22	10 10.96	+ 7 14.9	2.154	3.039	9.6	20.0
2 1	10 3.26	+ 7 34.3	2.087	3.034	6.2	19.8
2 11	9 54.23	+ 8 2.6	2.049	3.029	2.5	19.5
2 21	9 44.69	+ 8 36.3	2.041	3.024	2.5	19.5
3 2	9 35.60	+ 9 10.9	2.063	3.017	6.1	19.7
3 12	9 27.85	+ 9 42.4	2.114	3.011	9.7	20.0
3 22	9 22.05	+10 7.6	2.188	3.003	12.9	20.1

490084 2008 TP_{166} 2 14.9 126.°87 1.°3/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+15 2.8	2.219	3.044	11.8	21.8
1 22	10 9.06	+15 40.9	2.146	3.052	8.7	21.6
2 1	10 2.06	+16 25.6	2.099	3.058	5.1	21.4
2 11	9 53.86	+17 12.0	2.081	3.065	1.7	21.1
2 21	9 45.30	+17 54.9	2.093	3.072	3.2	21.3
3 2	9 37.30	+18 29.9	2.134	3.078	6.7	21.5
3 12	9 30.67	+18 53.9	2.202	3.084	10.1	21.7
3 22	9 25.98	+19 5.9	2.293	3.090	12.9	21.9

403589 2010 PA_{40} 2 14.9 74.°35 0.°9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.44	+11 47.0	1.691	2.519	14.8	20.8
1 22	10 10.98	+12 44.5	1.642	2.547	10.8	20.6
2 1	10 3.26	+13 53.3	1.617	2.576	6.3	20.4
2 11	9 54.19	+15 6.4	1.619	2.603	1.8	20.1
2 21	9 44.86	+16 15.8	1.650	2.631	3.3	20.3
3 2	9 36.43	+17 15.1	1.709	2.658	7.7	20.6
3 12	9 29.85	+17 59.9	1.795	2.685	11.5	20.9
3 22	9 25.68	+18 28.7	1.902	2.712	14.7	21.2

56826 2000 QA_{25} 2 14.9 278.°41 3.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.66	+20 21.8	1.904	2.737	13.2	18.9
1 22	10 13.69	+20 43.0	1.809	2.716	9.8	18.6
2 1	10 5.16	+21 6.8	1.738	2.696	6.1	18.3
2 11	9 54.82	+21 27.3	1.695	2.675	3.1	18.1
2 21	9 43.74	+21 38.7	1.680	2.653	4.8	18.2
3 2	9 33.17	+21 36.8	1.695	2.632	8.8	18.3
3 12	9 24.33	+21 20.1	1.735	2.610	12.7	18.5
3 22	9 18.02	+20 49.3	1.798	2.589	16.1	18.7

506315 2017 OP_{3} 2 14.9 174.°99 0.°7/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.36	+ 9 54.2	2.551	3.354	11.1	22.0
1 22	10 9.70	+ 9 58.3	2.466	3.356	8.4	21.8
2 1	10 2.37	+10 10.4	2.406	3.358	5.2	21.6
2 11	9 53.95	+10 27.9	2.376	3.359	1.8	21.3
2 21	9 45.18	+10 47.7	2.376	3.360	2.1	21.4
3 2	9 36.85	+11 6.5	2.407	3.360	5.5	21.6
3 12	9 29.72	+11 21.5	2.467	3.360	8.7	21.8
3 22	9 24.29	+11 30.8	2.551	3.360	11.4	22.0

495518 2014 VY_{13} 2 14.9 108.°05 6.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.39	+28 4.7	1.983	2.820	12.5	21.7
1 22	10 12.45	+29 36.8	1.936	2.839	9.6	21.5
2 1	10 4.19	+31 5.2	1.915	2.857	7.0	21.4
2 11	9 54.48	+32 20.5	1.922	2.875	6.3	21.4
2 21	9 44.41	+33 15.8	1.958	2.892	7.8	21.5
3 2	9 35.17	+33 47.1	2.020	2.909	10.4	21.7
3 12	9 27.77	+33 54.5	2.107	2.925	13.0	21.9
3 22	9 22.82	+33 40.8	2.214	2.941	15.3	22.1

107223 Ripero 2 14.9 38.°22 0.°6/15.3 18

1 12	10 14.88	+10 17.1	1.834	2.656	14.0	20.1
1 22	10 9.89	+10 25.6	1.760	2.661	10.5	19.9
2 1	10 2.70	+10 45.2	1.709	2.665	6.4	19.7
2 11	9 54.08	+11 12.1	1.686	2.670	2.1	19.4
2 21	9 45.01	+11 41.5	1.690	2.674	2.7	19.5
3 2	9 36.59	+12 8.8	1.724	2.679	7.0	19.7
3 12	9 29.80	+12 29.6	1.783	2.684	11.0	20.0
3 22	9 25.28	+12 41.7	1.865	2.690	14.3	20.2

359062 2008 YO_{81} 2 14.9 264.°80 1.°8/15.9 17

1 12	10 17.82	+ 8 1.8	1.554	2.374	16.3	21.4
1 22	10 12.57	+ 7 55.9	1.470	2.367	12.4	21.1
2 1	10 4.59	+ 8 4.6	1.408	2.361	7.9	20.9
2 11	9 54.69	+ 8 25.0	1.372	2.354	3.2	20.6
2 21	9 44.03	+ 8 52.3	1.363	2.347	3.2	20.5
3 2	9 34.03	+ 9 21.1	1.382	2.340	8.1	20.8
3 12	9 25.95	+ 9 45.8	1.426	2.333	12.8	21.1
3 22	9 20.64	+10 2.7	1.491	2.326	16.8	21.3

102520 1999 TW_{318} 2 14.9 337.°18 5.°0/11.8 18

1 12	10 16.03	+21 53.5	1.327	2.185	16.2	19.5
1 22	10 11.74	+22 45.0	1.256	2.176	12.1	19.2
2 1	10 4.28	+23 40.6	1.208	2.168	7.8	18.9
2 11	9 54.62	+24 30.3	1.184	2.161	5.1	18.8
2 21	9 44.17	+25 4.5	1.186	2.154	7.2	18.9
3 2	9 34.63	+25 16.9	1.212	2.148	11.6	19.1
3 12	9 27.45	+25 5.6	1.260	2.142	16.0	19.3
3 22	9 23.51	+24 32.8	1.327	2.138	19.8	19.6

234394 2001 QU_{252} 2 14.9 177.°70 0.°4/14.5 18

1 12	10 11.32	+10 57.7	2.629	3.442	10.6	21.0
1 22	10 6.75	+11 50.6	2.545	3.443	7.8	20.8
2 1	10 0.63	+12 53.0	2.488	3.444	4.6	20.6
2 11	9 53.48	+14 0.4	2.460	3.444	1.3	20.3
2 21	9 45.97	+15 7.9	2.463	3.445	2.3	20.4
3 2	9 38.82	+16 10.8	2.497	3.445	5.7	20.6
3 12	9 32.75	+17 4.8	2.559	3.444	8.7	20.8
3 22	9 28.24	+17 47.8	2.646	3.443	11.4	21.0

61045 2000 KU_{62} 2 14.9 181.°14 2.°2/16.7 18

1 12	10 15.67	+ 3 26.4	1.852	2.648	15.0	20.5
1 22	10 10.55	+ 4 2.8	1.767	2.650	11.6	20.3
2 1	10 3.17	+ 4 58.5	1.706	2.651	7.6	20.0
2 11	9 54.25	+ 6 10.0	1.672	2.651	3.5	19.8
2 21	9 44.75	+ 7 30.9	1.667	2.650	3.0	19.7
3 2	9 35.79	+ 8 53.8	1.692	2.649	7.0	20.0
3 12	9 28.40	+10 11.2	1.744	2.647	11.1	20.2
3 22	9 23.29	+11 17.7	1.819	2.644	14.6	20.4

31419 1999 AN_{37} 2 14.9 4.°85 1.°2/14.2 18

1 12	10 12.57	+12 54.0	1.074	1.937	18.9	18.9
1 22	10 9.43	+13 27.9	1.013	1.936	14.0	18.6
2 1	10 2.98	+14 18.2	0.971	1.936	8.4	18.3
2 11	9 54.26	+15 16.7	0.952	1.938	2.4	17.9
2 21	9 44.78	+16 13.3	0.957	1.940	4.5	18.0
3 2	9 36.34	+16 58.5	0.986	1.944	10.5	18.4
3 12	9 30.45	+17 25.9	1.036	1.949	15.8	18.7
3 22	9 27.95	+17 33.6	1.104	1.956	20.3	19.0

218676 2005 SQ_{270} 2 14.9 223.°20 2.°1/13.0 17

1 12	10 15.74	+16 35.5	2.234	3.060	11.7	21.3
1 22	10 10.38	+17 27.1	2.145	3.050	8.6	21.1
2 1	10 2.99	+18 25.7	2.081	3.039	5.2	20.8
2 11	9 54.19	+19 25.4	2.046	3.028	2.2	20.6
2 21	9 44.84	+20 20.3	2.042	3.016	3.8	20.7
3 2	9 35.90	+21 5.1	2.067	3.004	7.4	20.9
3 12	9 28.32	+21 36.4	2.119	2.991	10.9	21.1
3 22	9 22.76	+21 53.1	2.194	2.977	13.8	21.3

18721 1998 HC_{146} 2 14.9 250.°14 1.°9/12.9 18 R

1 12	10 11.52	+16 42.8	2.459	3.288	10.7	18.8
1 22	10 7.05	+17 33.4	2.376	3.284	7.8	18.6
2 1	10 0.88	+18 29.9	2.320	3.279	4.7	18.4
2 11	9 53.57	+19 27.1	2.292	3.274	2.0	18.2
2 21	9 45.85	+20 19.9	2.295	3.270	3.5	18.3
3 2	9 38.53	+21 3.8	2.327	3.265	6.7	18.5
3 12	9 32.39	+21 35.6	2.386	3.260	9.7	18.7
3 22	9 27.98	+21 54.3	2.469	3.255	12.4	18.9

350599 2001 RY_{42} 2 14.9 102.°43 3.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.95	+ 3 49.6	1.567	2.370	16.9	20.5
1 22	10 13.07	+ 3 53.1	1.504	2.389	13.1	20.3
2 1	10 4.67	+ 4 15.5	1.463	2.407	8.6	20.1
2 11	9 54.65	+ 4 53.9	1.448	2.425	4.3	19.9
2 21	9 44.22	+ 5 42.7	1.460	2.442	3.7	19.9
3 2	9 34.68	+ 6 35.2	1.501	2.458	7.6	20.2
3 12	9 27.13	+ 7 24.5	1.567	2.474	11.8	20.5
3 22	9 22.24	+ 8 5.9	1.656	2.490	15.4	20.7

492526 2014 OE_{58} 2 14.9 278.°20 2.°4/13.3 18

1 12	10 16.47	+15 21.0	1.474	2.317	15.7	21.6
1 22	10 11.94	+16 14.3	1.385	2.299	11.7	21.3
2 1	10 4.43	+17 20.3	1.319	2.281	7.1	21.0
2 11	9 54.70	+18 31.5	1.279	2.262	2.7	20.7
2 21	9 43.98	+19 38.1	1.265	2.243	5.0	20.8
3 2	9 33.79	+20 31.5	1.278	2.224	10.1	21.0
3 12	9 25.62	+21 6.0	1.315	2.205	14.9	21.2
3 22	9 20.45	+21 19.9	1.372	2.186	19.1	21.5

337681 2001 TC_{215} 2 14.9 166.°75 2.°2/12.9 17

1 12	10 15.67	+19 40.4	2.627	3.451	10.2	20.8
1 22	10 9.92	+20 4.6	2.550	3.454	7.5	20.7
2 1	10 2.50	+20 30.8	2.499	3.456	4.6	20.5
2 11	9 54.02	+20 54.7	2.478	3.458	2.3	20.3
2 21	9 45.22	+21 12.4	2.488	3.460	3.5	20.4
3 2	9 36.92	+21 21.1	2.528	3.462	6.4	20.6
3 12	9 29.86	+21 19.5	2.595	3.463	9.3	20.8
3 22	9 24.54	+21 7.4	2.687	3.464	11.7	21.0

178633 2000 HF_{33} 2 14.9 232.°60 1.°0/15.9 18

1 12	10 13.39	+ 5 59.1	2.289	3.088	12.4	20.8
1 22	10 8.61	+ 6 51.4	2.188	3.074	9.4	20.6
2 1	10 1.94	+ 7 59.4	2.111	3.060	6.0	20.3
2 11	9 53.91	+ 9 19.2	2.063	3.045	2.2	20.0
2 21	9 45.30	+10 45.2	2.046	3.030	2.3	20.0
3 2	9 37.00	+12 10.7	2.060	3.014	6.2	20.2
3 12	9 29.88	+13 29.6	2.102	2.997	9.9	20.4
3 22	9 24.60	+14 37.2	2.169	2.979	13.1	20.6

85428 1997 AN_{16} 2 14.9 247.°61 2.°8/12.1 18

1 12	10 14.95	+21 38.8	2.716	3.543	9.9	20.1
1 22	10 9.49	+22 11.6	2.624	3.529	7.3	19.9
2 1	10 2.31	+22 45.7	2.559	3.515	4.6	19.7
2 11	9 53.99	+23 16.5	2.524	3.500	2.8	19.5
2 21	9 45.24	+23 39.9	2.519	3.485	4.1	19.6
3 2	9 36.87	+23 52.7	2.544	3.470	6.8	19.7
3 12	9 29.65	+23 53.3	2.596	3.454	9.6	19.9
3 22	9 24.14	+23 41.8	2.672	3.439	12.1	20.0

79498 1998 FP_{126} 2 14.9 307.°86 1.°0/15.9 18

1 12	10 10.10	+ 7 2.0	2.195	3.006	12.4	19.6
1 22	10 6.19	+ 7 36.7	2.103	2.996	9.4	19.4
2 1	10 0.46	+ 8 25.3	2.035	2.987	5.9	19.2
2 11	9 53.48	+ 9 24.2	1.995	2.978	2.2	18.9
2 21	9 46.01	+10 28.4	1.985	2.969	2.3	18.9
3 2	9 38.93	+11 32.3	2.004	2.960	6.1	19.1
3 12	9 33.06	+12 30.4	2.050	2.951	9.7	19.3
3 22	9 29.01	+13 18.9	2.119	2.943	12.9	19.5

325353 2008 KJ_{38} 2 14.9 184.°84 1.°7/16.4 16

1 12	10 14.01	+ 5 26.6	2.291	3.086	12.5	21.9
1 22	10 8.93	+ 5 49.2	2.203	3.086	9.6	21.7
2 1	10 2.03	+ 6 25.2	2.140	3.086	6.2	21.5
2 11	9 53.92	+ 7 11.8	2.105	3.085	2.7	21.3
2 21	9 45.36	+ 8 4.7	2.101	3.083	2.5	21.2
3 2	9 37.23	+ 8 58.9	2.126	3.082	5.9	21.4
3 12	9 30.36	+ 9 49.5	2.180	3.079	9.3	21.7
3 22	9 25.33	+10 32.8	2.258	3.077	12.4	21.8

270993 2002 XQ_{37} 2 14.9 61.°57 8.°9/22.7 18

1 12	10 13.26	−11 53.1	1.647	2.380	19.1	20.5
1 22	10 8.88	−12 21.2	1.581	2.397	16.3	20.4
2 1	10 2.18	−12 18.5	1.533	2.414	13.2	20.2
2 11	9 53.97	−11 43.4	1.508	2.431	10.4	20.1
2 21	9 45.31	−10 38.5	1.506	2.448	9.0	20.0
3 2	9 37.38	− 9 10.5	1.531	2.465	9.7	20.1
3 12	9 31.19	− 7 29.4	1.580	2.483	12.0	20.3
3 22	9 27.42	− 5 45.6	1.652	2.500	14.8	20.5

285067 2011 KS_{20} 2 14.9 120.°34 2.°1/12.9 18

1 12	10 13.60	+17 13.7	2.218	3.049	11.6	20.9
1 22	10 8.68	+18 2.0	2.146	3.054	8.5	20.7
2 1	10 1.89	+18 55.7	2.100	3.059	5.1	20.5
2 11	9 53.87	+19 49.2	2.083	3.064	2.3	20.3
2 21	9 45.48	+20 36.9	2.095	3.069	3.8	20.4
3 2	9 37.63	+21 14.3	2.137	3.074	7.2	20.6
3 12	9 31.16	+21 38.5	2.205	3.079	10.4	20.8
3 22	9 26.63	+21 48.9	2.296	3.084	13.2	21.0

399732 2005 AM_{36} 2 14.9 42.°44 6.°1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.29	+ 0 4.3	1.274	2.080	19.9	20.1
1 22	10 12.30	− 0 43.5	1.216	2.096	15.9	19.9
2 1	10 4.40	− 1 7.1	1.178	2.112	11.5	19.7
2 11	9 54.62	− 1 6.2	1.163	2.129	7.4	19.5
2 21	9 44.36	− 0 43.9	1.173	2.146	6.3	19.5
3 2	9 35.13	− 0 6.5	1.208	2.164	9.2	19.7
3 12	9 28.20	+ 0 37.4	1.266	2.183	13.3	20.0
3 22	9 24.29	+ 1 20.2	1.346	2.201	17.1	20.3

123016 2000 SA_{266} 2 14.9 119.°53 1.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.89	+16 27.1	2.175	3.002	12.0	20.6
1 22	10 10.31	+17 15.9	2.111	3.017	8.7	20.4
2 1	10 2.82	+18 10.2	2.073	3.032	5.2	20.2
2 11	9 54.13	+19 4.4	2.064	3.046	2.1	20.0
2 21	9 45.11	+19 52.9	2.084	3.060	3.7	20.2
3 2	9 36.73	+20 31.0	2.134	3.073	7.1	20.4
3 12	9 29.82	+20 56.1	2.211	3.086	10.4	20.6
3 22	9 24.92	+21 7.6	2.312	3.099	13.1	20.8

132285 2002 FP_{14} 2 14.9 199.°18 2.°7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.64	+18 10.9	1.903	2.734	13.2	20.5
1 22	10 12.79	+18 56.9	1.823	2.731	9.8	20.2
2 1	10 4.55	+19 48.7	1.769	2.728	5.9	20.0
2 11	9 54.69	+20 39.4	1.743	2.724	2.8	19.8
2 21	9 44.25	+21 22.5	1.746	2.719	4.6	19.9
3 2	9 34.44	+21 52.5	1.778	2.714	8.5	20.1
3 12	9 26.34	+22 6.9	1.836	2.709	12.2	20.3
3 22	9 20.67	+22 5.4	1.916	2.703	15.4	20.5

371212 2006 AU_{66} 2 14.9 212.°52 1.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+ 7 30.5	2.024	2.833	13.4	21.5
1 22	10 9.28	+ 7 42.4	1.940	2.832	10.2	21.3
2 1	10 2.35	+ 8 7.0	1.880	2.831	6.5	21.0
2 11	9 54.04	+ 8 41.3	1.848	2.829	2.5	20.8
2 21	9 45.25	+ 9 20.9	1.844	2.827	2.5	20.8
3 2	9 36.97	+10 0.9	1.869	2.826	6.5	21.0
3 12	9 30.12	+10 36.5	1.922	2.824	10.3	21.2
3 22	9 25.33	+11 4.4	1.998	2.822	13.5	21.4

79096 1981 EM_{20} 2 14.9 343.°69 2.°3/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.43	+19 53.2	2.629	3.461	10.0	19.7
1 22	10 6.88	+20 19.1	2.548	3.456	7.3	19.6
2 1	10 0.73	+20 47.2	2.493	3.451	4.5	19.4
2 11	9 53.56	+21 13.4	2.467	3.447	2.3	19.2
2 21	9 46.05	+21 33.7	2.471	3.442	3.6	19.3
3 2	9 38.96	+21 45.1	2.504	3.438	6.4	19.5
3 12	9 33.01	+21 46.1	2.563	3.435	9.2	19.6
3 22	9 28.70	+21 36.2	2.647	3.431	11.7	19.8

268598 2006 BQ_{242} 2 14.9 259.°04 1.°2/14.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.22	+16 3.2	2.279	3.098	11.8	20.7
1 22	10 12.22	+16 13.7	2.178	3.079	8.8	20.4
2 1	10 4.13	+16 28.9	2.103	3.060	5.3	20.2
2 11	9 54.58	+16 45.0	2.056	3.040	1.7	19.9
2 21	9 44.43	+16 57.8	2.041	3.021	3.1	20.0
3 2	9 34.68	+17 3.8	2.055	3.000	6.9	20.2
3 12	9 26.29	+17 0.8	2.097	2.980	10.5	20.3
3 22	9 19.95	+16 48.0	2.163	2.959	13.6	20.5

170296 2003 SS_7 2 14.9 253.°72 3.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.34	+ 1 6.3	1.790	2.580	15.7	20.9
1 22	10 10.56	+ 1 7.2	1.691	2.565	12.5	20.6
2 1	10 3.37	+ 1 28.0	1.614	2.549	8.7	20.4
2 11	9 54.41	+ 2 7.8	1.562	2.533	5.1	20.1
2 21	9 44.65	+ 3 2.7	1.539	2.517	4.2	20.0
3 2	9 35.29	+ 4 6.8	1.543	2.500	7.5	20.2
3 12	9 27.46	+ 5 12.6	1.574	2.483	11.7	20.4
3 22	9 22.01	+ 6 13.6	1.628	2.465	15.5	20.6

215674 2003 UJ_{381} 2 14.9 338.°32 5.°3/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.69	+22 58.0	1.469	2.321	15.3	20.3
1 22	10 12.70	+24 0.3	1.402	2.318	11.5	20.1
2 1	10 4.75	+25 5.1	1.358	2.316	7.5	19.8
2 11	9 54.79	+26 2.5	1.340	2.313	5.3	19.7
2 21	9 44.16	+26 43.3	1.349	2.311	7.3	19.8
3 2	9 34.43	+27 1.5	1.383	2.310	11.3	20.0
3 12	9 26.95	+26 56.0	1.440	2.308	15.2	20.2
3 22	9 22.49	+26 29.0	1.516	2.307	18.6	20.5

81896 2000 LR_{32} 2 14.9 237.°50 5.°7/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.14	+25 48.2	2.013	2.853	12.2	19.9
1 22	10 11.06	+27 20.3	1.936	2.843	9.3	19.7
2 1	10 3.59	+28 53.7	1.885	2.833	6.7	19.5
2 11	9 54.45	+30 19.1	1.862	2.822	5.7	19.5
2 21	9 44.64	+31 28.2	1.868	2.811	7.5	19.5
3 2	9 35.34	+32 15.0	1.902	2.800	10.4	19.7
3 12	9 27.68	+32 37.8	1.959	2.788	13.5	19.9
3 22	9 22.41	+32 37.9	2.037	2.776	16.2	20.0

220559 2004 HB_{10} 2 14.9 293.°89 6.°1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.88	− 5 18.5	1.776	2.542	16.7	20.5
1 22	10 7.92	− 5 24.2	1.685	2.535	13.8	20.2
2 1	10 1.71	− 5 4.7	1.615	2.528	10.5	20.0
2 11	9 53.92	− 4 19.7	1.569	2.521	7.4	19.8
2 21	9 45.47	− 3 12.3	1.549	2.514	6.2	19.7
3 2	9 37.48	− 1 48.8	1.556	2.508	8.0	19.8
3 12	9 31.01	− 0 17.8	1.589	2.501	11.4	20.0
3 22	9 26.80	+ 1 11.8	1.646	2.494	14.8	20.2

399593 2003 UL_{121} 2 14.9 103.°60 0.°6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.53	+12 16.4	1.753	2.576	14.5	21.7
1 22	10 12.57	+12 52.2	1.693	2.596	10.7	21.5
2 1	10 4.30	+13 38.3	1.657	2.615	6.4	21.3
2 11	9 54.60	+14 28.9	1.649	2.634	1.8	21.0
2 21	9 44.55	+15 17.5	1.670	2.652	3.1	21.1
3 2	9 35.35	+15 58.4	1.720	2.670	7.5	21.5
3 12	9 27.99	+16 27.8	1.795	2.687	11.5	21.7
3 22	9 23.07	+16 44.1	1.894	2.704	14.7	22.0

340855 2007 AB_8 2 14.9 332.°25 3.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.47	+16 57.9	1.216	2.075	17.4	20.3
1 22	10 11.51	+18 7.4	1.148	2.070	12.9	20.0
2 1	10 4.27	+19 29.5	1.102	2.065	7.8	19.7
2 11	9 54.71	+20 53.3	1.079	2.061	3.8	19.5
2 21	9 44.29	+22 6.8	1.082	2.057	6.3	19.6
3 2	9 34.76	+23 0.2	1.110	2.054	11.5	19.9
3 12	9 27.69	+23 28.6	1.160	2.051	16.4	20.2
3 22	9 23.97	+23 32.1	1.228	2.049	20.5	20.4

48155 2001 GU_4 2 14.9 253.°42 4.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.63	+21 2.8	1.772	2.615	13.5	18.8
1 22	10 10.89	+22 29.3	1.691	2.604	10.0	18.6
2 1	10 3.60	+24 2.1	1.636	2.593	6.5	18.3
2 11	9 54.48	+25 32.0	1.608	2.581	4.6	18.2
2 21	9 44.62	+26 49.4	1.609	2.569	6.6	18.3
3 2	9 35.29	+27 46.8	1.637	2.557	10.3	18.5
3 12	9 27.72	+28 20.8	1.689	2.545	14.0	18.7
3 22	9 22.73	+28 31.8	1.761	2.532	17.2	18.9

276142 2002 HR_{13} 2 14.9 296.°75 6.°1/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.52	− 5 58.5	1.988	2.743	15.5	20.6
1 22	10 7.68	− 6 0.7	1.867	2.709	13.0	20.4
2 1	10 1.65	− 5 38.9	1.767	2.676	10.1	20.1
2 11	9 53.95	− 4 51.8	1.692	2.642	7.3	19.9
2 21	9 45.37	− 3 41.0	1.643	2.607	6.1	19.7
3 2	9 36.94	− 2 11.7	1.623	2.573	7.9	19.8
3 12	9 29.73	− 0 31.8	1.629	2.538	11.3	19.9
3 22	9 24.61	+ 1 9.8	1.659	2.503	14.9	20.0

107180 2001 BP_{25} 2 14.9 51.°40 0.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.07	+10 41.9	1.263	2.106	17.9	19.2
1 22	10 11.34	+11 30.9	1.217	2.129	13.2	18.9
2 1	10 3.77	+12 35.9	1.192	2.153	7.8	18.7
2 11	9 54.46	+13 48.5	1.193	2.178	2.1	18.4
2 21	9 44.83	+14 58.9	1.219	2.202	3.7	18.6
3 2	9 36.33	+15 58.6	1.272	2.228	9.0	19.0
3 12	9 30.17	+16 42.0	1.348	2.253	13.6	19.3
3 22	9 26.95	+17 7.4	1.445	2.278	17.3	19.6

347835 2002 PV_{99} 2 14.9 165.°21 1.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 21.62	+15 36.2	1.774	2.599	14.3	22.2
1 22	10 15.04	+16 15.0	1.701	2.605	10.6	22.0
2 1	10 5.91	+17 1.6	1.653	2.611	6.3	21.8
2 11	9 55.10	+17 49.5	1.632	2.616	2.2	21.5
2 21	9 43.76	+18 31.7	1.641	2.620	4.0	21.6
3 2	9 33.19	+19 2.9	1.680	2.623	8.3	21.9
3 12	9 24.54	+19 20.0	1.744	2.625	12.3	22.1
3 22	9 18.50	+19 22.5	1.830	2.626	15.7	22.4

254534 2005 EV_{138} 2 14.9 294.°59 1.°9/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.91	+15 19.5	1.556	2.397	15.2	20.6
1 22	10 11.34	+15 55.0	1.468	2.381	11.3	20.3
2 1	10 4.00	+16 40.8	1.403	2.364	6.8	20.0
2 11	9 54.63	+17 30.5	1.364	2.348	2.4	19.7
2 21	9 44.42	+18 16.4	1.353	2.333	4.3	19.8
3 2	9 34.78	+18 51.5	1.368	2.317	9.3	20.0
3 12	9 27.04	+19 11.3	1.408	2.301	13.9	20.2
3 22	9 22.11	+19 14.3	1.468	2.286	17.9	20.5

288427 2004 EL_{15} 2 14.9 337.°89 0.°7/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 7.35	+ 5 33.2	1.717	2.541	14.8	20.4
1 22	10 4.67	+ 6 49.1	1.626	2.526	11.2	20.2
2 1	9 59.81	+ 8 27.8	1.558	2.513	7.0	19.9
2 11	9 53.40	+10 23.6	1.517	2.500	2.3	19.6
2 21	9 46.33	+12 27.5	1.504	2.489	2.8	19.6
3 2	9 39.69	+14 29.0	1.520	2.478	7.6	19.8
3 12	9 34.51	+16 18.2	1.563	2.468	12.0	20.1
3 22	9 31.56	+17 48.8	1.627	2.459	15.8	20.3

120337 2004 PN_{56} 2 14.9 258.°06 3.°8/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.67	− 1 32.8	1.987	2.765	14.8	20.0
1 22	10 7.58	− 1 3.8	1.890	2.755	11.8	19.8
2 1	10 1.44	− 0 12.4	1.815	2.744	8.4	19.6
2 11	9 53.86	+ 0 59.7	1.766	2.734	5.1	19.3
2 21	9 45.67	+ 2 27.8	1.746	2.723	4.0	19.3
3 2	9 37.85	+ 4 4.6	1.754	2.712	6.7	19.4
3 12	9 31.37	+ 5 41.9	1.791	2.701	10.4	19.6
3 22	9 26.93	+ 7 12.4	1.851	2.689	13.9	19.8

19467 Amandanagy 2 14.9 219.°94 0.°6/15.5 18

1 12	10 13.63	+ 8 54.0	1.939	2.756	13.6	18.9
1 22	10 8.98	+ 9 20.6	1.858	2.756	10.2	18.7
2 1	10 2.22	+10 0.1	1.801	2.755	6.3	18.5
2 11	9 54.06	+10 48.6	1.771	2.754	2.1	18.2
2 21	9 45.40	+11 40.5	1.770	2.753	2.5	18.2
3 2	9 37.27	+12 30.2	1.797	2.753	6.8	18.5
3 12	9 30.63	+13 12.6	1.851	2.752	10.7	18.7
3 22	9 26.12	+13 44.5	1.929	2.751	14.0	18.9

197309 2003 WS_{140} 2 14.9 17.°33 2.°0/16.3 18 R

1 12	10 12.18	+ 7 4.5	1.534	2.362	16.1	19.0
1 22	10 8.21	+ 7 2.0	1.469	2.369	12.2	18.7
2 1	10 1.86	+ 7 15.5	1.425	2.378	7.8	18.5
2 11	9 53.96	+ 7 41.5	1.407	2.388	3.3	18.3
2 21	9 45.60	+ 8 15.1	1.415	2.398	3.1	18.3
3 2	9 38.02	+ 8 50.4	1.449	2.410	7.5	18.6
3 12	9 32.25	+ 9 21.7	1.509	2.423	11.7	18.8
3 22	9 28.95	+ 9 44.9	1.590	2.436	15.4	19.1

359169 2009 CX_3 2 14.9 319.°97 2.°9/12.9 18

1 12	10 14.58	+16 29.3	1.350	2.203	16.3	20.7
1 22	10 10.64	+17 22.0	1.273	2.192	12.1	20.5
2 1	10 3.69	+18 26.1	1.218	2.181	7.3	20.2
2 11	9 54.57	+19 33.1	1.188	2.170	3.2	19.9
2 21	9 44.58	+20 33.1	1.183	2.160	5.4	20.0
3 2	9 35.32	+21 17.4	1.204	2.151	10.5	20.2
3 12	9 28.24	+21 41.3	1.248	2.142	15.3	20.5
3 22	9 24.24	+21 43.9	1.311	2.134	19.4	20.7

12593 Shashlov 2 14.9 226.°66 0.°5/15.3 18

1 12	10 15.30	+ 8 40.3	1.755	2.574	14.7	18.7
1 22	10 10.49	+ 9 15.8	1.669	2.568	11.1	18.5
2 1	10 3.28	+10 6.8	1.607	2.562	6.9	18.2
2 11	9 54.40	+11 8.5	1.572	2.556	2.2	17.9
2 21	9 44.87	+12 14.5	1.565	2.549	2.8	17.9
3 2	9 35.87	+13 17.3	1.587	2.542	7.6	18.2
3 12	9 28.52	+14 11.0	1.635	2.535	11.9	18.4
3 22	9 23.58	+14 51.5	1.705	2.527	15.6	18.6

269757 1999 RR_{189} 2 14.9 111.°04 5.°2/10.9 18

1 12	10 21.37	+28 0.7	2.141	2.971	12.0	20.4
1 22	10 14.44	+28 40.7	2.084	2.984	9.2	20.3
2 1	10 5.33	+29 16.1	2.053	2.998	6.5	20.1
2 11	9 54.90	+29 40.4	2.050	3.011	5.2	20.1
2 21	9 44.22	+29 48.6	2.076	3.024	6.5	20.2
3 2	9 34.41	+29 38.5	2.131	3.036	9.1	20.4
3 12	9 26.40	+29 10.9	2.211	3.049	11.8	20.6
3 22	9 20.74	+28 28.5	2.313	3.060	14.2	20.8

236021 2005 GR_{112} 2 14.9 286.°23 2.°5/12.9 18

1 12	10 15.30	+19 13.6	2.158	2.990	11.8	20.4
1 22	10 10.10	+19 43.0	2.075	2.983	8.7	20.2
2 1	10 2.85	+20 15.9	2.018	2.977	5.3	19.9
2 11	9 54.25	+20 46.9	1.989	2.970	2.6	19.7
2 21	9 45.17	+21 11.2	1.990	2.963	4.1	19.8
3 2	9 36.63	+21 24.7	2.019	2.956	7.6	20.0
3 12	9 29.53	+21 25.5	2.075	2.950	10.9	20.2
3 22	9 24.51	+21 13.4	2.153	2.943	13.9	20.4

317169 2001 WR_{58} 2 14.9 281.°44 1.°5/13.8 18

1 12	10 15.41	+14 56.1	1.793	2.627	13.8	20.5
1 22	10 10.59	+15 29.6	1.707	2.616	10.2	20.2
2 1	10 3.35	+16 12.2	1.645	2.605	6.1	19.9
2 11	9 54.43	+16 58.1	1.609	2.593	2.0	19.6
2 21	9 44.85	+17 40.9	1.602	2.582	3.7	19.7
3 2	9 35.81	+18 14.8	1.623	2.571	8.2	20.0
3 12	9 28.43	+18 35.8	1.670	2.560	12.3	20.2
3 22	9 23.47	+18 42.5	1.738	2.548	15.8	20.4

337431 2001 RX_{21} 2 14.9 146.°25 2.°4/12.9 17

1 12	10 19.26	+21 13.1	2.592	3.411	10.5	20.9
1 22	10 12.55	+21 25.2	2.517	3.418	7.7	20.7
2 1	10 4.10	+21 37.4	2.470	3.425	4.8	20.5
2 11	9 54.56	+21 45.6	2.452	3.431	2.5	20.4
2 21	9 44.75	+21 46.5	2.466	3.436	3.7	20.5
3 2	9 35.54	+21 37.9	2.510	3.442	6.6	20.7
3 12	9 27.69	+21 19.1	2.582	3.447	9.4	20.9
3 22	9 21.72	+20 50.8	2.679	3.452	11.9	21.1

194570 2001 XS_{92} 2 14.9 138.°49 4.°3/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.31	+21 20.3	1.686	2.524	14.3	20.7
1 22	10 14.20	+22 25.4	1.624	2.534	10.6	20.4
2 1	10 5.46	+23 33.5	1.587	2.543	6.7	20.2
2 11	9 55.00	+24 35.7	1.577	2.552	4.3	20.1
2 21	9 44.06	+25 24.0	1.596	2.560	6.2	20.2
3 2	9 34.01	+25 52.9	1.642	2.568	9.9	20.5
3 12	9 26.00	+26 1.1	1.713	2.575	13.5	20.7
3 22	9 20.74	+25 50.0	1.804	2.582	16.6	20.9

464215 2015 BQ_{207} 2 14.9 97.°94 1.°6/13.5 18

1 12	10 14.81	+14 21.5	1.949	2.778	13.0	20.8
1 22	10 9.75	+15 20.5	1.886	2.793	9.5	20.6
2 1	10 2.62	+16 28.2	1.848	2.808	5.6	20.4
2 11	9 54.18	+17 37.9	1.839	2.823	2.0	20.2
2 21	9 45.37	+18 42.8	1.859	2.837	3.6	20.4
3 2	9 37.23	+19 37.1	1.908	2.851	7.5	20.6
3 12	9 30.67	+20 17.0	1.984	2.865	11.0	20.9
3 22	9 26.27	+20 41.3	2.082	2.879	14.0	21.1

138826 2000 UY_{42} 2 14.9 170.°69 5.°8/22.1 18

1 12	10 10.38	−11 10.9	2.997	3.693	12.0	20.7
1 22	10 5.95	−11 20.4	2.903	3.695	10.2	20.6
2 1	10 0.16	−11 12.1	2.831	3.698	8.3	20.5
2 11	9 53.47	−10 45.5	2.785	3.700	6.6	20.4
2 21	9 46.46	−10 2.1	2.766	3.701	5.8	20.3
3 2	9 39.75	− 9 5.0	2.777	3.702	6.3	20.3
3 12	9 33.95	− 7 58.6	2.815	3.703	7.9	20.4
3 22	9 29.51	− 6 48.1	2.880	3.704	9.8	20.6

344335 2001 VC_{96} 2 14.9 103.°67 2.°5/11.9 18

1 12	10 13.31	+19 11.4	2.757	3.583	9.7	21.3
1 22	10 8.12	+20 18.2	2.702	3.607	7.1	21.2
2 1	10 1.43	+21 27.6	2.674	3.630	4.3	21.0
2 11	9 53.82	+22 34.4	2.676	3.653	2.5	20.9
2 21	9 45.98	+23 33.6	2.709	3.675	3.8	21.0
3 2	9 38.63	+24 21.4	2.773	3.697	6.4	21.2
3 12	9 32.43	+24 55.9	2.864	3.719	8.9	21.4
3 22	9 27.82	+25 16.6	2.979	3.740	11.1	21.6

168553 1999 WF_9 2 14.9 88.°59 2.°0/16.2 18

1 12	10 20.97	+ 7 38.0	1.675	2.484	15.8	19.4
1 22	10 14.44	+ 7 22.3	1.613	2.503	12.0	19.2
2 1	10 5.48	+ 7 19.7	1.573	2.522	7.6	18.9
2 11	9 55.01	+ 7 27.6	1.561	2.541	3.3	18.7
2 21	9 44.19	+ 7 41.9	1.577	2.560	3.1	18.7
3 2	9 34.29	+ 7 58.4	1.622	2.578	7.3	19.0
3 12	9 26.35	+ 8 12.6	1.693	2.596	11.3	19.3
3 22	9 20.99	+ 8 21.7	1.787	2.614	14.8	19.6

341526 2007 TT_{440} 2 14.9 73.°61 3.°8/18.2 18

1 12	10 13.86	+ 0 37.5	2.200	2.978	13.5	20.6
1 22	10 8.82	+ 0 21.6	2.126	2.990	10.7	20.4
2 1	10 1.99	+ 0 21.0	2.074	3.003	7.6	20.2
2 11	9 54.01	+ 0 34.9	2.050	3.015	4.7	20.1
2 21	9 45.68	+ 1 0.4	2.054	3.027	4.0	20.0
3 2	9 37.89	+ 1 33.8	2.087	3.040	6.2	20.2
3 12	9 31.42	+ 2 10.2	2.148	3.052	9.2	20.4
3 22	9 26.82	+ 2 45.3	2.233	3.065	12.0	20.6

419011 2009 PB_{17} 2 14.9 138.°93 1.°2/15.9 18

1 12	10 17.92	+ 8 23.2	2.295	3.093	12.4	21.9
1 22	10 11.73	+ 8 25.7	2.219	3.106	9.3	21.7
2 1	10 3.69	+ 8 38.0	2.169	3.117	5.9	21.5
2 11	9 54.49	+ 8 57.5	2.147	3.129	2.3	21.3
2 21	9 44.95	+ 9 20.5	2.156	3.139	2.3	21.3
3 2	9 35.99	+ 9 43.6	2.195	3.149	5.9	21.6
3 12	9 28.41	+10 3.3	2.263	3.158	9.2	21.8
3 22	9 22.76	+10 17.2	2.356	3.167	12.1	22.0

277543 2005 YA_{74} 2 14.9 107.°00 1.°2/15.9 18

1 12	10 16.62	+ 7 51.1	2.124	2.927	13.1	22.1
1 22	10 10.85	+ 8 1.8	2.056	2.945	9.8	22.0
2 1	10 3.19	+ 8 23.8	2.013	2.963	6.2	21.8
2 11	9 54.34	+ 8 53.9	1.999	2.980	2.4	21.5
2 21	9 45.20	+ 9 28.1	2.014	2.997	2.4	21.6
3 2	9 36.69	+10 1.7	2.058	3.013	6.1	21.8
3 12	9 29.66	+10 30.9	2.131	3.029	9.6	22.1
3 22	9 24.63	+10 53.1	2.227	3.045	12.6	22.3

223785 2004 SQ_{46} 2 14.9 53.°73 0.°7/15.4 18

1 12	10 17.37	+10 23.6	1.667	2.490	15.2	20.3
1 22	10 11.77	+10 24.9	1.610	2.511	11.3	20.1
2 1	10 3.86	+10 37.5	1.576	2.531	6.9	19.9
2 11	9 54.54	+10 57.4	1.569	2.553	2.2	19.7
2 21	9 44.93	+11 19.7	1.590	2.574	2.8	19.8
3 2	9 36.22	+11 39.8	1.639	2.596	7.2	20.1
3 12	9 29.38	+11 53.7	1.714	2.618	11.2	20.4
3 22	9 25.00	+11 59.5	1.812	2.639	14.6	20.6

284654 2007 YE_{40} 2 14.9 83.°14 3.°3/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.43	+ 1 58.8	2.394	3.171	12.5	20.0
1 22	10 9.10	+ 1 38.8	2.317	3.183	9.9	19.9
2 1	10 2.10	+ 1 31.9	2.265	3.195	6.9	19.7
2 11	9 54.04	+ 1 37.0	2.240	3.207	4.1	19.6
2 21	9 45.65	+ 1 52.0	2.244	3.219	3.5	19.5
3 2	9 37.77	+ 2 13.6	2.278	3.231	5.8	19.7
3 12	9 31.11	+ 2 38.0	2.341	3.243	8.7	19.9
3 22	9 26.21	+ 3 1.5	2.428	3.254	11.4	20.1

318072 2004 FE_{161} 2 14.9 222.°47 1.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.14	+15 21.5	1.813	2.644	13.8	20.9
1 22	10 11.76	+15 49.0	1.734	2.641	10.2	20.7
2 1	10 4.00	+16 24.2	1.679	2.639	6.1	20.4
2 11	9 54.63	+17 1.4	1.652	2.636	2.0	20.1
2 21	9 44.71	+17 34.9	1.654	2.634	3.6	20.2
3 2	9 35.44	+17 59.3	1.684	2.631	8.0	20.5
3 12	9 27.88	+18 11.7	1.739	2.628	11.9	20.7
3 22	9 22.75	+18 11.0	1.817	2.625	15.4	20.9

226896 2004 TK_{147} 2 14.9 150.°61 2.°1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.06	+ 4 57.4	2.117	2.915	13.3	20.6
1 22	10 9.12	+ 5 8.4	2.035	2.919	10.2	20.4
2 1	10 2.25	+ 5 33.6	1.978	2.922	6.7	20.2
2 11	9 54.12	+ 6 10.3	1.947	2.925	3.2	20.0
2 21	9 45.55	+ 6 54.5	1.946	2.928	2.7	20.0
3 2	9 37.48	+ 7 41.1	1.974	2.931	6.2	20.2
3 12	9 30.78	+ 8 25.3	2.030	2.933	9.7	20.4
3 22	9 26.03	+ 9 3.0	2.109	2.936	12.8	20.6

163694 2003 DP_{13} 2 14.9 318.°16 0.°2/14.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 21.83	+13 4.6	1.549	2.376	16.0	21.0
1 22	10 16.66	+13 2.4	1.409	2.312	12.4	20.6
2 1	10 7.96	+13 10.1	1.290	2.248	7.8	20.2
2 11	9 56.10	+13 24.3	1.198	2.182	2.3	19.6
2 21	9 42.04	+13 39.3	1.133	2.116	3.9	19.6
3 2	9 27.42	+13 48.7	1.095	2.049	10.4	19.7
3 12	9 14.23	+13 47.0	1.083	1.981	16.7	19.8
3 22	9 4.10	+13 31.7	1.090	1.913	22.5	20.0

372317 2008 XS_{14} 2 14.9 115.°64 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.23	+11 31.5	2.297	3.112	11.8	21.5
1 22	10 9.05	+11 58.5	2.225	3.123	8.7	21.3
2 1	10 2.11	+12 34.1	2.178	3.134	5.2	21.1
2 11	9 54.06	+13 14.3	2.160	3.145	1.5	20.9
2 21	9 45.68	+13 54.6	2.172	3.155	2.4	20.9
3 2	9 37.83	+14 30.6	2.214	3.165	6.0	21.2
3 12	9 31.30	+14 59.1	2.283	3.175	9.3	21.4
3 22	9 26.60	+15 18.0	2.377	3.184	12.2	21.6

58852 1998 HE_{84} 2 14.9 173.°94 3.°3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.23	− 2 13.7	3.052	3.803	10.7	19.8
1 22	10 5.79	− 1 59.3	2.959	3.806	8.6	19.6
2 1	10 0.06	− 1 30.8	2.891	3.808	6.2	19.5
2 11	9 53.47	− 0 49.5	2.850	3.809	4.1	19.3
2 21	9 46.58	+ 0 1.9	2.840	3.810	3.3	19.3
3 2	9 39.98	+ 1 0.0	2.860	3.811	4.9	19.4
3 12	9 34.27	+ 2 0.4	2.910	3.811	7.2	19.6
3 22	9 29.86	+ 2 59.1	2.986	3.811	9.5	19.7

188096 2001 XY_{243} 2 14.9 35.°02 9.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.37	−10 32.3	1.699	2.437	18.4	19.9
1 22	10 9.07	−11 21.7	1.623	2.442	15.7	19.7
2 1	10 2.44	−11 43.9	1.565	2.448	12.8	19.6
2 11	9 54.22	−11 36.1	1.530	2.454	10.3	19.4
2 21	9 45.41	−10 59.2	1.520	2.460	9.1	19.4
3 2	9 37.20	− 9 57.9	1.535	2.467	9.9	19.4
3 12	9 30.66	− 8 40.6	1.574	2.474	12.2	19.6
3 22	9 26.50	− 7 16.8	1.636	2.481	15.0	19.8

369091 2008 GN_{88} 2 14.9 311.°37 1.°9/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.07	+15 21.0	1.704	2.542	14.2	21.4
1 22	10 10.39	+16 5.2	1.628	2.539	10.5	21.1
2 1	10 3.25	+16 58.5	1.575	2.536	6.3	20.9
2 11	9 54.45	+17 54.6	1.549	2.533	2.3	20.6
2 21	9 45.06	+18 46.1	1.551	2.530	4.1	20.7
3 2	9 36.31	+19 26.7	1.581	2.527	8.5	21.0
3 12	9 29.33	+19 52.4	1.636	2.525	12.6	21.2
3 22	9 24.84	+20 2.0	1.713	2.522	16.1	21.4

522610 2016 FP_{36} 2 14.9 238.°50 1.°4/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.28	+ 6 37.0	2.083	2.889	13.2	21.9
1 22	10 8.67	+ 7 1.0	1.993	2.883	10.1	21.6
2 1	10 2.07	+ 7 39.1	1.927	2.876	6.4	21.4
2 11	9 54.10	+ 8 28.0	1.888	2.869	2.6	21.1
2 21	9 45.60	+ 9 23.0	1.879	2.863	2.5	21.1
3 2	9 37.53	+10 18.5	1.899	2.856	6.4	21.4
3 12	9 30.81	+11 9.2	1.946	2.848	10.1	21.6
3 22	9 26.07	+11 51.1	2.017	2.841	13.4	21.8

29510 1997 YF_2 2 14.9 151.°60 2.°6/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.71	+18 51.2	2.492	3.323	10.5	19.1
1 22	10 7.95	+19 52.9	2.419	3.327	7.7	18.9
2 1	10 1.48	+20 58.8	2.373	3.331	4.7	18.7
2 11	9 53.90	+22 3.2	2.357	3.335	2.6	18.6
2 21	9 45.95	+23 0.7	2.370	3.339	4.1	18.7
3 2	9 38.46	+23 46.8	2.414	3.342	7.0	18.9
3 12	9 32.17	+24 18.9	2.484	3.346	9.8	19.0
3 22	9 27.63	+24 36.4	2.577	3.348	12.3	19.2

83121 2001 QX_{247} 2 14.9 147.°38 2.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.84	+17 30.2	2.315	3.137	11.5	20.2
1 22	10 11.74	+18 9.2	2.245	3.148	8.4	20.0
2 1	10 3.74	+18 52.3	2.201	3.158	5.0	19.8
2 11	9 54.54	+19 34.5	2.186	3.168	2.2	19.7
2 21	9 45.00	+20 10.8	2.202	3.177	3.6	19.8
3 2	9 36.06	+20 37.2	2.248	3.185	6.9	20.0
3 12	9 28.55	+20 51.6	2.322	3.193	10.1	20.2
3 22	9 23.01	+20 53.7	2.419	3.200	12.8	20.4

364452 2006 YJ_{15} 2 14.9 111.°53 0.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.63	+ 7 6.3	2.165	2.965	13.0	21.5
1 22	10 10.82	+ 7 44.6	2.102	2.990	9.7	21.3
2 1	10 3.16	+ 8 35.5	2.064	3.014	6.0	21.1
2 11	9 54.36	+ 9 34.7	2.055	3.037	2.2	20.9
2 21	9 45.30	+10 36.8	2.076	3.059	2.3	21.0
3 2	9 36.87	+11 36.3	2.127	3.081	6.0	21.3
3 12	9 29.90	+12 28.4	2.207	3.102	9.5	21.5
3 22	9 24.89	+13 10.3	2.311	3.122	12.4	21.7

51966 2001 QG_{282} 2 14.9 177.°19 5.°5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.73	− 7 19.1	2.722	3.445	12.5	19.1
1 22	10 7.81	− 7 44.5	2.629	3.446	10.5	19.0
2 1	10 1.35	− 7 53.1	2.559	3.447	8.2	18.8
2 11	9 53.87	− 7 44.7	2.516	3.448	6.3	18.7
2 21	9 46.00	− 7 20.2	2.500	3.448	5.5	18.6
3 2	9 38.46	− 6 42.6	2.514	3.448	6.5	18.7
3 12	9 31.95	− 5 56.2	2.556	3.448	8.5	18.8
3 22	9 26.97	− 5 5.8	2.623	3.447	10.7	19.0

143441 2003 BM_{72} 2 14.9 122.°53 2.°3/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.26	+18 6.6	2.487	3.317	10.5	20.1
1 22	10 7.59	+19 5.8	2.417	3.324	7.7	19.9
2 1	10 1.26	+20 9.5	2.373	3.331	4.7	19.7
2 11	9 53.84	+21 12.2	2.358	3.338	2.4	19.5
2 21	9 46.08	+22 8.5	2.374	3.345	3.8	19.7
3 2	9 38.79	+22 54.2	2.419	3.351	6.8	19.9
3 12	9 32.70	+23 26.5	2.491	3.357	9.7	20.0
3 22	9 28.32	+23 44.8	2.587	3.363	12.2	20.2

454333 2014 KP_{86} 2 14.9 254.°21 3.°2/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.44	+17 20.2	1.591	2.431	15.0	21.7
1 22	10 13.32	+18 21.5	1.503	2.414	11.2	21.4
2 1	10 5.29	+19 33.1	1.437	2.398	6.8	21.1
2 11	9 55.12	+20 46.5	1.399	2.380	3.3	20.8
2 21	9 44.01	+21 52.4	1.389	2.362	5.5	20.9
3 2	9 33.43	+22 42.6	1.405	2.344	10.1	21.1
3 12	9 24.79	+23 12.4	1.447	2.325	14.6	21.4
3 22	9 19.03	+23 21.2	1.508	2.305	18.4	21.6

21574 Ouzan 2 14.9 123.°36 1.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.19	+14 53.4	2.112	2.940	12.2	18.2
1 22	10 9.26	+15 31.7	2.038	2.944	9.0	18.0
2 1	10 2.36	+16 17.3	1.988	2.947	5.3	17.8
2 11	9 54.17	+17 5.1	1.967	2.951	1.8	17.5
2 21	9 45.58	+17 49.6	1.975	2.954	3.3	17.7
3 2	9 37.53	+18 25.9	2.012	2.957	7.0	17.9
3 12	9 30.92	+18 50.8	2.076	2.960	10.5	18.1
3 22	9 26.31	+19 3.1	2.163	2.963	13.5	18.3

245248 2004 YZ 2 14.9 320.°49 22.°8/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 29.18	+54 42.4	0.998	1.819	23.2	19.3
1 22	10 25.90	+58 53.0	0.987	1.817	22.8	19.3
2 1	10 15.21	+62 18.7	0.994	1.814	23.4	19.3
2 11	9 58.34	+64 36.4	1.016	1.813	24.8	19.4
2 21	9 39.10	+65 35.1	1.052	1.811	26.6	19.5
3 2	9 22.71	+65 17.9	1.099	1.809	28.4	19.6
3 12	9 12.95	+63 59.4	1.153	1.808	30.0	19.8
3 22	9 10.66	+61 56.7	1.213	1.806	31.4	19.9

163422 2002 RM_{56} 2 14.9 96.°52 0.°7/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.79	+14 14.4	2.212	3.033	12.0	19.8
1 22	10 10.26	+14 30.4	2.141	3.043	8.8	19.6
2 1	10 2.88	+14 52.7	2.095	3.053	5.3	19.4
2 11	9 54.31	+15 17.2	2.078	3.062	1.5	19.1
2 21	9 45.41	+15 39.8	2.090	3.072	2.7	19.2
3 2	9 37.12	+15 56.8	2.132	3.081	6.4	19.5
3 12	9 30.24	+16 5.7	2.202	3.090	9.8	19.7
3 22	9 25.32	+16 5.4	2.295	3.100	12.7	19.9

221114 2005 SQ_{189} 2 14.9 212.°03 1.°2/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.49	+14 6.1	1.861	2.691	13.5	21.2
1 22	10 10.49	+14 40.9	1.783	2.690	10.0	21.0
2 1	10 3.23	+15 24.7	1.729	2.689	6.0	20.7
2 11	9 54.45	+16 12.1	1.703	2.687	1.8	20.4
2 21	9 45.15	+16 56.9	1.706	2.686	3.4	20.5
3 2	9 36.45	+17 33.5	1.737	2.685	7.7	20.8
3 12	9 29.38	+17 58.2	1.794	2.684	11.6	21.0
3 22	9 24.60	+18 9.5	1.873	2.682	14.9	21.2

217995 2001 WE_{100} 2 14.9 131.°42 5.°1/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.90	− 2 38.6	2.173	2.929	14.3	20.3
1 22	10 11.14	− 3 8.4	2.093	2.940	11.6	20.2
2 1	10 3.45	− 3 21.0	2.037	2.950	8.6	20.0
2 11	9 54.49	− 3 16.1	2.006	2.960	6.0	19.8
2 21	9 45.12	− 2 55.8	2.005	2.969	5.1	19.8
3 2	9 36.28	− 2 23.7	2.032	2.978	6.9	19.9
3 12	9 28.83	− 1 44.8	2.087	2.986	9.7	20.1
3 22	9 23.37	− 1 4.4	2.167	2.995	12.5	20.3

451711 2013 CC_{119} 2 14.9 34.°00 1.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.32	+11 49.1	1.151	2.006	18.4	20.8
1 22	10 9.76	+12 54.6	1.097	2.017	13.6	20.5
2 1	10 3.12	+14 17.9	1.065	2.028	8.0	20.2
2 11	9 54.45	+15 49.1	1.056	2.041	2.3	19.9
2 21	9 45.22	+17 16.1	1.073	2.055	4.5	20.1
3 2	9 37.06	+18 28.3	1.114	2.069	10.1	20.5
3 12	9 31.32	+19 19.2	1.178	2.083	15.0	20.8
3 22	9 28.71	+19 46.9	1.261	2.099	19.1	21.1

451878 2014 HH_{45} 2 14.9 232.°52 2.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.63	+16 20.5	1.598	2.433	15.1	21.7
1 22	10 14.08	+17 8.8	1.514	2.423	11.2	21.4
2 1	10 5.68	+18 6.9	1.453	2.413	6.8	21.1
2 11	9 55.23	+19 7.1	1.419	2.401	2.8	20.9
2 21	9 43.93	+20 1.0	1.413	2.390	4.8	21.0
3 2	9 33.27	+20 41.4	1.435	2.377	9.5	21.2
3 12	9 24.59	+21 4.1	1.481	2.364	14.0	21.4
3 22	9 18.77	+21 8.5	1.549	2.351	17.8	21.6

341613 2007 UD_{129} 2 14.9 158.°69 3.°6/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.24	− 1 11.5	2.684	3.444	11.8	21.5
1 22	10 7.43	− 1 14.8	2.596	3.449	9.4	21.4
2 1	10 1.11	− 1 3.8	2.532	3.453	6.8	21.2
2 11	9 53.81	− 0 39.3	2.496	3.456	4.4	21.1
2 21	9 46.16	− 0 3.9	2.489	3.460	3.7	21.0
3 2	9 38.88	+ 0 39.1	2.512	3.463	5.5	21.1
3 12	9 32.64	+ 1 25.3	2.564	3.466	8.0	21.3
3 22	9 27.92	+ 2 10.6	2.641	3.468	10.5	21.5

208390 2001 SW_{156} 2 14.9 85.°14 1.°3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.76	+16 23.5	2.321	3.143	11.5	20.1
1 22	10 10.84	+16 38.9	2.258	3.161	8.4	19.9
2 1	10 3.14	+16 58.4	2.221	3.179	5.0	19.8
2 11	9 54.38	+17 17.9	2.213	3.197	1.7	19.6
2 21	9 45.38	+17 33.6	2.235	3.214	2.9	19.7
3 2	9 37.03	+17 42.4	2.287	3.232	6.3	19.9
3 12	9 30.09	+17 42.5	2.367	3.249	9.5	20.2
3 22	9 25.07	+17 33.6	2.471	3.266	12.1	20.4

365774 2010 XF_{50} 2 14.9 123.°25 4.°2/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.88	− 1 42.1	2.155	2.919	14.2	21.2
1 22	10 10.35	− 1 42.8	2.081	2.935	11.3	21.0
2 1	10 2.95	− 1 25.3	2.030	2.951	8.2	20.9
2 11	9 54.35	− 0 50.9	2.006	2.967	5.2	20.7
2 21	9 45.40	− 0 3.0	2.010	2.982	4.3	20.7
3 2	9 37.01	+ 0 53.3	2.045	2.996	6.4	20.8
3 12	9 30.02	+ 1 52.2	2.107	3.010	9.4	21.0
3 22	9 24.98	+ 2 48.4	2.194	3.023	12.3	21.2

427062 2014 UD_4 2 14.9 92.°92 1.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.74	+14 14.1	1.787	2.620	13.8	21.3
1 22	10 9.98	+15 5.3	1.716	2.625	10.2	21.1
2 1	10 2.93	+16 6.4	1.670	2.630	6.0	20.9
2 11	9 54.38	+17 10.9	1.651	2.635	2.0	20.6
2 21	9 45.33	+18 11.4	1.660	2.639	3.8	20.8
3 2	9 36.94	+19 1.6	1.698	2.644	8.0	21.0
3 12	9 30.23	+19 37.4	1.761	2.649	11.9	21.3
3 22	9 25.87	+19 57.2	1.846	2.653	15.2	21.5

173288 1999 TH_{150} 2 14.9 155.°54 1.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.23	+15 28.4	2.094	2.915	12.5	20.6
1 22	10 12.23	+16 13.7	2.021	2.924	9.2	20.4
2 1	10 4.15	+17 5.9	1.974	2.932	5.5	20.2
2 11	9 54.71	+17 59.2	1.956	2.940	2.0	19.9
2 21	9 44.85	+18 47.8	1.969	2.946	3.5	20.1
3 2	9 35.61	+19 26.6	2.011	2.952	7.3	20.3
3 12	9 27.91	+19 52.6	2.080	2.957	10.8	20.5
3 22	9 22.38	+20 4.9	2.172	2.962	13.8	20.7

498609 2008 RZ_{77} 2 14.9 198.°27 1.°5/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.92	+ 6 34.5	2.213	3.014	12.7	21.2
1 22	10 9.00	+ 6 51.3	2.125	3.012	9.7	21.0
2 1	10 2.21	+ 7 20.9	2.063	3.010	6.2	20.7
2 11	9 54.16	+ 8 0.3	2.028	3.008	2.6	20.5
2 21	9 45.65	+ 8 45.4	2.022	3.005	2.4	20.5
3 2	9 37.58	+ 9 31.4	2.047	3.003	6.0	20.7
3 12	9 30.81	+10 13.6	2.099	3.000	9.6	20.9
3 22	9 25.91	+10 48.5	2.175	2.996	12.7	21.1

409575 2005 UM_{197} 2 14.9 91.°91 1.°3/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.59	+ 4 3.0	1.859	2.661	14.7	20.5
1 22	10 8.93	+ 5 14.4	1.792	2.680	11.1	20.3
2 1	10 2.21	+ 6 45.1	1.749	2.698	7.0	20.1
2 11	9 54.16	+ 8 29.1	1.735	2.716	2.7	19.9
2 21	9 45.73	+10 18.4	1.750	2.734	2.5	19.9
3 2	9 37.93	+12 3.9	1.795	2.751	6.7	20.2
3 12	9 31.69	+13 38.2	1.868	2.769	10.6	20.4
3 22	9 27.60	+14 56.6	1.964	2.785	13.9	20.7

40330 1999 MN_1 2 14.9 156.°36 0.°7/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 18.48	+12 46.9	2.076	2.892	12.9	19.9
1 22	10 12.42	+13 19.7	2.001	2.900	9.5	19.7
2 1	10 4.27	+14 1.2	1.952	2.908	5.7	19.5
2 11	9 54.76	+14 46.6	1.931	2.915	1.6	19.3
2 21	9 44.82	+15 30.4	1.940	2.922	2.9	19.4
3 2	9 35.50	+16 7.7	1.979	2.927	6.9	19.6
3 12	9 27.73	+16 35.1	2.046	2.932	10.5	19.9
3 22	9 22.11	+16 50.8	2.136	2.936	13.6	20.1

206831 2004 EY_{45} 2 14.9 259.°70 0.°3/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.52	+12 7.0	2.435	3.252	11.2	21.0
1 22	10 7.90	+12 36.3	2.342	3.241	8.3	20.8
2 1	10 1.53	+13 14.1	2.273	3.230	5.0	20.5
2 11	9 53.98	+13 56.7	2.234	3.218	1.4	20.3
2 21	9 45.96	+14 39.7	2.224	3.207	2.4	20.3
3 2	9 38.31	+15 18.6	2.245	3.195	6.0	20.6
3 12	9 31.79	+15 50.0	2.293	3.183	9.4	20.7
3 22	9 27.01	+16 11.6	2.365	3.171	12.3	20.9

488654 2003 SF_{218} 2 14.9 128.°86 2.°5/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.17	+ 3 17.1	1.894	2.688	14.8	22.3
1 22	10 10.83	+ 3 40.6	1.821	2.701	11.4	22.1
2 1	10 3.36	+ 4 21.8	1.771	2.713	7.5	21.9
2 11	9 54.50	+ 5 17.4	1.749	2.725	3.7	21.6
2 21	9 45.22	+ 6 21.9	1.755	2.737	3.1	21.6
3 2	9 36.58	+ 7 28.8	1.791	2.748	6.6	21.9
3 12	9 29.51	+ 8 31.7	1.854	2.758	10.4	22.1
3 22	9 24.64	+ 9 25.9	1.940	2.768	13.8	22.3

275927 2001 TZ_{241} 2 14.9 130.°82 2.°5/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.07	+19 38.0	2.833	3.658	9.5	21.1
1 22	10 7.99	+20 36.5	2.767	3.672	7.0	21.0
2 1	10 1.42	+21 37.5	2.729	3.685	4.3	20.8
2 11	9 53.91	+22 36.1	2.721	3.698	2.5	20.7
2 21	9 46.13	+23 27.8	2.744	3.711	3.8	20.8
3 2	9 38.78	+24 9.0	2.797	3.722	6.3	21.0
3 12	9 32.53	+24 37.6	2.878	3.734	8.8	21.2
3 22	9 27.83	+24 53.2	2.983	3.745	11.0	21.3

166952 2003 KE_{17} 2 14.9 272.°42 0.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.92	+10 4.9	1.586	2.414	15.6	20.8
1 22	10 11.39	+10 39.6	1.491	2.395	11.8	20.5
2 1	10 4.13	+11 30.6	1.419	2.377	7.2	20.2
2 11	9 54.83	+12 32.8	1.373	2.358	2.1	19.8
2 21	9 44.60	+13 39.0	1.355	2.339	3.3	19.8
3 2	9 34.82	+14 40.9	1.364	2.319	8.6	20.1
3 12	9 26.82	+15 31.7	1.399	2.300	13.4	20.3
3 22	9 21.53	+16 7.4	1.454	2.280	17.6	20.5

184027 2004 FG_{50} 2 14.9 331.°07 3.°1/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.53	+ 4 12.5	1.470	2.290	17.0	20.1
1 22	10 8.86	+ 4 11.7	1.386	2.279	13.3	19.9
2 1	10 2.55	+ 4 31.1	1.322	2.270	8.9	19.6
2 11	9 54.36	+ 5 8.7	1.283	2.260	4.5	19.3
2 21	9 45.38	+ 5 59.4	1.269	2.252	3.8	19.2
3 2	9 36.98	+ 6 56.1	1.282	2.244	8.1	19.5
3 12	9 30.42	+ 7 51.0	1.319	2.236	12.8	19.7
3 22	9 26.54	+ 8 37.8	1.377	2.230	16.9	19.9

126494 2002 CG_{57} 2 14.9 309.°02 0.°8/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.60	+ 9 12.5	1.871	2.689	14.0	19.8
1 22	10 9.83	+ 9 24.8	1.788	2.685	10.6	19.6
2 1	10 2.86	+ 9 49.4	1.728	2.682	6.6	19.3
2 11	9 54.39	+10 22.8	1.696	2.679	2.3	19.0
2 21	9 45.39	+11 0.1	1.692	2.676	2.6	19.1
3 2	9 36.93	+11 36.0	1.717	2.673	6.9	19.3
3 12	9 30.03	+12 6.0	1.767	2.670	11.0	19.6
3 22	9 25.35	+12 26.9	1.841	2.667	14.4	19.8

493387 2014 WX_{136} 2 14.9 175.°45 1.°8/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.80	+ 5 20.5	2.249	3.041	12.8	22.4
1 22	10 10.34	+ 5 37.3	2.163	3.044	9.8	22.2
2 1	10 3.01	+ 6 7.6	2.102	3.046	6.4	22.0
2 11	9 54.42	+ 6 48.4	2.069	3.048	2.9	21.8
2 21	9 45.38	+ 7 35.8	2.066	3.049	2.5	21.8
3 2	9 36.80	+ 8 24.9	2.094	3.049	6.0	22.0
3 12	9 29.54	+ 9 10.8	2.149	3.049	9.5	22.2
3 22	9 24.18	+ 9 50.0	2.229	3.048	12.5	22.4

152158 2005 NY_{13} 2 14.9 86.°87 0.°9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 21.09	+10 34.8	1.857	2.668	14.4	20.7
1 22	10 14.34	+10 24.3	1.795	2.689	10.7	20.5
2 1	10 5.38	+10 23.1	1.757	2.710	6.6	20.3
2 11	9 55.07	+10 28.3	1.748	2.731	2.2	20.0
2 21	9 44.49	+10 35.9	1.767	2.751	2.6	20.1
3 2	9 34.76	+10 42.5	1.816	2.771	6.8	20.4
3 12	9 26.85	+10 45.1	1.893	2.791	10.6	20.7
3 22	9 21.32	+10 41.9	1.993	2.810	13.8	20.9

498938 2009 BS_{44} 2 14.9 357.°84 0.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.25	+10 45.6	1.973	2.790	13.4	20.2
1 22	10 10.89	+10 28.6	1.891	2.789	10.1	20.0
2 1	10 3.42	+10 20.0	1.834	2.787	6.3	19.7
2 11	9 54.55	+10 17.3	1.804	2.787	2.2	19.5
2 21	9 45.21	+10 17.6	1.803	2.786	2.5	19.5
3 2	9 36.46	+10 17.7	1.830	2.787	6.6	19.7
3 12	9 29.24	+10 14.7	1.885	2.787	10.4	20.0
3 22	9 24.20	+10 6.7	1.963	2.788	13.7	20.2

117258 2004 SL_{54} 2 14.9 191.°54 4.°1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.70	+23 15.3	2.273	3.107	11.2	19.6
1 22	10 10.41	+24 23.3	2.199	3.106	8.4	19.5
2 1	10 3.10	+25 32.8	2.152	3.105	5.6	19.3
2 11	9 54.46	+26 36.8	2.133	3.103	4.1	19.2
2 21	9 45.34	+27 29.1	2.145	3.100	5.6	19.3
3 2	9 36.75	+28 5.2	2.184	3.098	8.5	19.4
3 12	9 29.57	+28 23.2	2.250	3.095	11.4	19.6
3 22	9 24.44	+28 23.7	2.337	3.091	13.9	19.8

276350 2002 US_3 2 14.9 99.°38 7.°8/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 23.49	+32 47.4	1.819	2.651	13.7	21.0
1 22	10 16.48	+34 1.9	1.776	2.670	10.8	20.9
2 1	10 6.80	+35 7.2	1.758	2.689	8.5	20.8
2 11	9 55.49	+35 53.7	1.767	2.708	7.9	20.8
2 21	9 43.91	+36 15.0	1.803	2.726	9.2	20.9
3 2	9 33.46	+36 9.0	1.865	2.743	11.7	21.1
3 12	9 25.27	+35 38.2	1.951	2.760	14.3	21.3
3 22	9 19.94	+34 47.4	2.055	2.777	16.5	21.5

355764 2008 RM_{33} 2 14.9 111.°47 1.°5/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.75	+ 6 45.1	1.586	2.399	16.3	21.6
1 22	10 13.04	+ 7 9.2	1.521	2.415	12.4	21.4
2 1	10 4.81	+ 7 50.2	1.480	2.431	7.8	21.1
2 11	9 54.95	+ 8 43.5	1.464	2.446	3.0	20.9
2 21	9 44.65	+ 9 42.5	1.477	2.461	3.0	20.9
3 2	9 35.20	+10 39.8	1.518	2.475	7.6	21.2
3 12	9 27.70	+11 29.2	1.585	2.489	11.9	21.5
3 22	9 22.84	+12 7.0	1.675	2.503	15.6	21.8

165723 2001 QZ_{81} 2 14.9 86.°95 2.°7/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.80	+ 2 17.3	2.459	3.238	12.2	19.9
1 22	10 8.57	+ 2 20.2	2.393	3.261	9.5	19.8
2 1	10 1.78	+ 2 36.6	2.351	3.285	6.5	19.6
2 11	9 54.03	+ 3 4.3	2.336	3.308	3.6	19.5
2 21	9 46.05	+ 3 40.2	2.352	3.330	3.0	19.5
3 2	9 38.59	+ 4 20.4	2.398	3.353	5.4	19.7
3 12	9 32.35	+ 5 0.5	2.472	3.375	8.2	19.9
3 22	9 27.77	+ 5 37.1	2.571	3.396	10.9	20.1

194179 2001 TY_{57} 2 14.9 241.°85 1.°0/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.40	+ 8 25.2	1.620	2.439	15.7	20.8
1 22	10 12.34	+ 8 45.1	1.531	2.429	12.0	20.6
2 1	10 4.61	+ 9 20.9	1.465	2.419	7.5	20.3
2 11	9 54.97	+10 8.6	1.425	2.409	2.6	20.0
2 21	9 44.53	+11 1.9	1.413	2.397	3.0	20.0
3 2	9 34.62	+11 53.9	1.429	2.386	8.0	20.2
3 12	9 26.53	+12 38.1	1.471	2.374	12.7	20.5
3 22	9 21.10	+13 10.6	1.534	2.362	16.7	20.7

282834 2006 UZ_2 2 14.9 164.°47 4.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.22	+31 11.3	3.146	3.969	8.7	21.3
1 22	10 9.58	+32 11.9	3.083	3.974	6.8	21.2
2 1	10 2.39	+33 8.2	3.048	3.979	5.3	21.1
2 11	9 54.22	+33 55.0	3.042	3.984	4.9	21.0
2 21	9 45.75	+34 28.2	3.066	3.988	5.9	21.1
3 2	9 37.73	+34 45.7	3.119	3.991	7.7	21.2
3 12	9 30.83	+34 46.9	3.198	3.994	9.5	21.4
3 22	9 25.54	+34 33.3	3.298	3.997	11.2	21.5

121036 1999 CH_6 2 14.9 216.°60 1.°8/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 27.22	+ 9 52.0	1.859	2.656	14.9	19.1
1 22	10 19.28	+ 9 12.2	1.764	2.649	11.4	18.8
2 1	10 8.65	+ 8 39.8	1.693	2.641	7.3	18.6
2 11	9 56.11	+ 8 13.4	1.652	2.632	3.0	18.3
2 21	9 42.84	+ 7 51.0	1.641	2.623	3.1	18.3
3 2	9 30.20	+ 7 30.6	1.661	2.613	7.6	18.5
3 12	9 19.42	+ 7 10.0	1.710	2.603	11.8	18.8
3 22	9 11.34	+ 6 47.5	1.782	2.592	15.5	19.0

178389 1997 WH_9 2 14.9 174.°95 2.°1/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.02	+17 31.8	2.353	3.175	11.3	21.6
1 22	10 11.22	+18 17.6	2.275	3.179	8.3	21.4
2 1	10 3.52	+19 8.1	2.223	3.181	5.0	21.2
2 11	9 54.58	+19 58.1	2.201	3.183	2.2	21.0
2 21	9 45.22	+20 42.3	2.210	3.184	3.7	21.1
3 2	9 36.37	+21 16.3	2.249	3.184	7.0	21.3
3 12	9 28.88	+21 37.5	2.315	3.184	10.2	21.5
3 22	9 23.33	+21 45.6	2.404	3.183	12.9	21.7

112410 2002 NT_{40} 2 14.9 184.°72 0.°4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.60	+11 59.0	2.486	3.300	11.1	21.2
1 22	10 8.60	+12 32.0	2.402	3.300	8.2	21.0
2 1	10 1.92	+13 13.3	2.343	3.299	4.9	20.8
2 11	9 54.11	+13 58.9	2.314	3.299	1.4	20.5
2 21	9 45.92	+14 44.5	2.316	3.298	2.4	20.6
3 2	9 38.14	+15 25.6	2.347	3.296	5.9	20.8
3 12	9 31.53	+15 58.9	2.407	3.295	9.1	21.0
3 22	9 26.64	+16 22.3	2.490	3.292	11.9	21.2

44469 1998 VP_{34} 2 14.9 187.°68 0.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.46	+ 9 22.6	2.300	3.110	12.0	20.2
1 22	10 8.61	+ 9 46.5	2.215	3.109	9.0	20.0
2 1	10 1.97	+10 20.9	2.156	3.109	5.5	19.8
2 11	9 54.14	+11 2.3	2.125	3.108	1.8	19.5
2 21	9 45.88	+11 46.3	2.124	3.107	2.2	19.6
3 2	9 38.07	+12 28.3	2.152	3.106	6.0	19.8
3 12	9 31.51	+13 4.3	2.208	3.105	9.4	20.0
3 22	9 26.76	+13 31.7	2.289	3.103	12.4	20.2

447312 2005 WF_{177} 2 14.9 53.°29 1.°9/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.52	+14 44.3	1.224	2.074	17.9	21.4
1 22	10 13.46	+15 20.9	1.172	2.088	13.2	21.1
2 1	10 5.29	+16 8.9	1.140	2.103	7.8	20.9
2 11	9 55.13	+16 59.6	1.134	2.118	2.5	20.6
2 21	9 44.51	+17 44.3	1.153	2.134	4.6	20.8
3 2	9 35.07	+18 15.7	1.198	2.150	9.8	21.1
3 12	9 28.14	+18 30.1	1.265	2.166	14.6	21.4
3 22	9 24.41	+18 27.4	1.352	2.182	18.5	21.7

87664 2000 RN_{97} 2 14.9 304.°64 10.°0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 23.35	− 7 6.1	1.762	2.498	17.9	18.4
1 22	10 16.83	− 9 9.2	1.662	2.482	15.4	18.2
2 1	10 7.45	−10 56.5	1.583	2.465	12.7	18.0
2 11	9 55.86	−12 22.0	1.530	2.449	10.6	17.8
2 21	9 43.16	−13 20.9	1.503	2.433	10.1	17.8
3 2	9 30.73	−13 52.1	1.504	2.418	11.5	17.8
3 12	9 19.99	−13 59.0	1.529	2.403	14.2	17.9
3 22	9 11.96	−13 48.5	1.576	2.388	17.1	18.1

457204 2008 HL_{62} 2 14.9 315.°73 2.°2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 10.28	+ 3 27.0	1.553	2.370	16.4	21.3
1 22	10 7.16	+ 4 7.6	1.459	2.353	12.8	21.0
2 1	10 1.56	+ 5 12.7	1.388	2.337	8.4	20.7
2 11	9 54.12	+ 6 38.7	1.341	2.321	3.8	20.4
2 21	9 45.86	+ 8 18.3	1.321	2.305	3.2	20.3
3 2	9 38.03	+10 1.7	1.329	2.290	7.9	20.6
3 12	9 31.87	+11 38.7	1.361	2.276	12.7	20.8
3 22	9 28.24	+13 1.4	1.416	2.262	16.9	21.0

241542 2010 EJ_{102} 2 14.9 246.°46 0.°3/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.45	+ 9 47.0	2.470	3.280	11.3	21.3
1 22	10 7.84	+10 13.6	2.376	3.270	8.4	21.1
2 1	10 1.51	+10 50.0	2.306	3.260	5.2	20.9
2 11	9 54.03	+11 33.1	2.266	3.250	1.6	20.6
2 21	9 46.09	+12 18.6	2.255	3.239	2.1	20.7
3 2	9 38.49	+13 2.1	2.275	3.228	5.7	20.9
3 12	9 32.02	+13 39.7	2.322	3.217	9.1	21.1
3 22	9 27.22	+14 8.8	2.394	3.206	12.0	21.2

152279 2005 SS_{262} 2 14.9 53.°13 2.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.18	+16 16.1	1.665	2.504	14.4	20.8
1 22	10 11.15	+16 54.0	1.601	2.512	10.6	20.6
2 1	10 3.70	+17 39.2	1.560	2.521	6.3	20.4
2 11	9 54.67	+18 25.2	1.546	2.530	2.4	20.1
2 21	9 45.20	+19 5.2	1.560	2.539	4.2	20.3
3 2	9 36.52	+19 33.6	1.602	2.548	8.4	20.5
3 12	9 29.71	+19 47.6	1.669	2.557	12.4	20.8
3 22	9 25.42	+19 46.5	1.757	2.567	15.7	21.0

55065 2001 QY_{80} 2 14.9 126.°66 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 19.50	+ 6 5.2	1.638	2.445	16.1	19.0
1 22	10 13.60	+ 6 7.8	1.568	2.457	12.3	18.8
2 1	10 5.18	+ 6 26.5	1.520	2.468	8.0	18.5
2 11	9 55.10	+ 6 58.2	1.498	2.478	3.5	18.3
2 21	9 44.53	+ 7 37.7	1.505	2.488	3.2	18.3
3 2	9 34.74	+ 8 19.0	1.540	2.497	7.5	18.6
3 12	9 26.87	+ 8 56.4	1.601	2.506	11.7	18.8
3 22	9 21.60	+ 9 25.9	1.685	2.515	15.4	19.1

152619 1996 RW_6 2 14.9 86.°22 0.°6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.37	+12 41.6	1.823	2.649	13.9	20.6
1 22	10 11.08	+13 7.4	1.755	2.659	10.3	20.4
2 1	10 3.57	+13 42.8	1.711	2.669	6.2	20.2
2 11	9 54.62	+14 22.7	1.695	2.680	1.7	19.9
2 21	9 45.28	+15 1.4	1.707	2.690	3.0	20.0
3 2	9 36.64	+15 33.7	1.749	2.700	7.3	20.3
3 12	9 29.70	+15 56.0	1.816	2.710	11.2	20.6
3 22	9 25.06	+16 6.6	1.905	2.720	14.5	20.8

288638 2004 PJ_{32} 2 14.9 145.°79 1.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.55	+13 38.8	2.048	2.863	13.1	22.0
1 22	10 13.95	+14 14.3	1.978	2.877	9.6	21.8
2 1	10 5.20	+14 57.9	1.934	2.890	5.7	21.6
2 11	9 55.09	+15 44.0	1.918	2.902	1.7	21.3
2 21	9 44.59	+16 27.2	1.933	2.914	3.1	21.5
3 2	9 34.78	+17 2.6	1.978	2.924	7.1	21.7
3 12	9 26.61	+17 27.0	2.051	2.933	10.7	22.0
3 22	9 20.68	+17 39.3	2.147	2.942	13.7	22.2

232325 2002 TH_{149} 2 14.9 100.°78 0.°1/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.36	+10 37.5	2.207	3.023	12.2	21.0
1 22	10 8.56	+11 5.0	2.131	3.029	9.1	20.8
2 1	10 1.95	+11 42.3	2.080	3.036	5.5	20.5
2 11	9 54.15	+12 25.4	2.058	3.042	1.6	20.3
2 21	9 45.98	+13 9.6	2.065	3.048	2.3	20.4
3 2	9 38.33	+13 50.3	2.102	3.055	6.2	20.6
3 12	9 31.99	+14 23.6	2.166	3.061	9.6	20.8
3 22	9 27.53	+14 47.2	2.253	3.067	12.6	21.0

319741 2006 UP_{135} 2 14.9 301.°85 3.°7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.82	+19 27.1	1.596	2.443	14.5	20.7
1 22	10 11.27	+20 23.2	1.517	2.432	10.8	20.4
2 1	10 4.01	+21 26.0	1.462	2.422	6.7	20.2
2 11	9 54.83	+22 27.1	1.433	2.412	3.8	19.9
2 21	9 44.91	+23 18.0	1.431	2.401	5.8	20.0
3 2	9 35.64	+23 51.9	1.455	2.391	10.0	20.3
3 12	9 28.29	+24 5.6	1.504	2.382	14.1	20.5
3 22	9 23.69	+23 59.4	1.572	2.372	17.7	20.7

379393 2009 YR_{10} 2 14.9 108.°86 2.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.87	+ 2 57.8	2.259	3.041	13.1	22.0
1 22	10 10.25	+ 3 3.0	2.190	3.062	10.1	21.9
2 1	10 2.88	+ 3 22.4	2.145	3.082	6.8	21.7
2 11	9 54.41	+ 3 53.8	2.128	3.101	3.6	21.5
2 21	9 45.64	+ 4 33.4	2.140	3.120	3.0	21.5
3 2	9 37.46	+ 5 16.8	2.183	3.138	5.8	21.7
3 12	9 30.63	+ 5 59.4	2.254	3.156	9.0	22.0
3 22	9 25.65	+ 6 37.4	2.350	3.173	11.8	22.2

322835 2001 TZ_{53} 2 14.9 97.°21 6.°3/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 23.28	+30 13.1	2.038	2.866	12.6	20.9
1 22	10 15.96	+31 17.4	1.998	2.893	9.7	20.7
2 1	10 6.34	+32 14.8	1.983	2.920	7.2	20.6
2 11	9 55.39	+32 57.4	1.997	2.946	6.3	20.6
2 21	9 44.26	+33 19.7	2.039	2.972	7.6	20.8
3 2	9 34.16	+33 19.6	2.109	2.997	10.0	21.0
3 12	9 26.05	+32 58.6	2.203	3.021	12.5	21.2
3 22	9 20.46	+32 20.3	2.318	3.045	14.7	21.4

492447 2014 MC_{54} 2 14.9 232.°25 2.°0/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.76	+16 38.2	1.631	2.464	15.0	21.6
1 22	10 14.84	+17 2.9	1.549	2.457	11.2	21.3
2 1	10 6.12	+17 34.8	1.490	2.450	6.7	21.0
2 11	9 55.44	+18 7.5	1.458	2.442	2.5	20.7
2 21	9 44.03	+18 34.2	1.454	2.433	4.3	20.8
3 2	9 33.32	+18 49.7	1.479	2.424	9.0	21.1
3 12	9 24.60	+18 51.1	1.528	2.415	13.4	21.3
3 22	9 18.71	+18 38.1	1.599	2.406	17.1	21.5

73030 2002 EG_{79} 2 14.9 250.°01 4.°7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 12.95	− 5 18.1	2.604	3.342	12.7	20.7
1 22	10 8.23	− 5 13.8	2.488	3.321	10.5	20.6
2 1	10 1.81	− 4 51.2	2.395	3.299	8.0	20.4
2 11	9 54.16	− 4 10.3	2.328	3.276	5.7	20.2
2 21	9 45.93	− 3 13.3	2.290	3.253	4.7	20.1
3 2	9 37.92	− 2 4.1	2.283	3.229	6.2	20.1
3 12	9 30.88	− 0 48.3	2.304	3.204	8.9	20.2
3 22	9 25.44	+ 0 28.4	2.351	3.179	11.6	20.4

198153 2004 TD_{55} 2 14.9 186.°69 0.°5/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 14.38	+ 8 51.1	2.762	3.560	10.5	21.8
1 22	10 9.04	+ 9 19.6	2.672	3.559	7.9	21.7
2 1	10 2.14	+ 9 57.4	2.608	3.558	4.9	21.5
2 11	9 54.21	+10 41.4	2.574	3.557	1.6	21.2
2 21	9 45.91	+11 27.9	2.570	3.554	1.9	21.2
3 2	9 37.97	+12 12.7	2.599	3.551	5.2	21.5
3 12	9 31.06	+12 52.5	2.656	3.547	8.2	21.6
3 22	9 25.71	+13 24.7	2.739	3.542	10.9	21.8

161129 2002 RG_{80} 2 14.9 206.°82 0.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 13.84	+12 5.8	2.385	3.201	11.4	20.4
1 22	10 8.88	+12 32.8	2.299	3.198	8.5	20.2
2 1	10 2.14	+13 8.2	2.239	3.195	5.1	20.0
2 11	9 54.23	+13 48.0	2.207	3.191	1.4	19.7
2 21	9 45.90	+14 27.9	2.205	3.187	2.4	19.8
3 2	9 37.98	+15 3.7	2.233	3.183	6.0	20.0
3 12	9 31.29	+15 31.8	2.289	3.179	9.4	20.2
3 22	9 26.38	+15 50.3	2.369	3.175	12.3	20.4

330951 2009 SW_{293} 2 14.9 119.°55 3.°1/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.16	+19 31.4	1.993	2.829	12.6	21.9
1 22	10 10.87	+20 27.3	1.927	2.837	9.2	21.7
2 1	10 3.43	+21 27.2	1.887	2.845	5.7	21.5
2 11	9 54.61	+22 24.3	1.874	2.852	3.2	21.4
2 21	9 45.37	+23 12.1	1.891	2.860	4.8	21.5
3 2	9 36.80	+23 45.8	1.936	2.867	8.2	21.7
3 12	9 29.83	+24 3.1	2.006	2.874	11.6	21.9
3 22	9 25.08	+24 4.2	2.099	2.881	14.4	22.1

125726 2001 XQ_{110} 2 14.9 286.°51 4.°6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.65	+19 42.2	1.419	2.271	15.7	19.6
1 22	10 12.20	+20 58.3	1.345	2.263	11.7	19.3
2 1	10 4.72	+22 22.9	1.295	2.255	7.4	19.1
2 11	9 55.08	+23 45.3	1.270	2.247	4.6	18.9
2 21	9 44.60	+24 54.7	1.272	2.240	6.8	19.0
3 2	9 34.87	+25 42.6	1.299	2.232	11.3	19.2
3 12	9 27.32	+26 5.4	1.349	2.224	15.6	19.4
3 22	9 22.86	+26 3.8	1.418	2.217	19.3	19.7

27802 1993 FY_{30} 2 14.9 52.°90 4.°2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 10.94	− 3 32.5	1.969	2.738	15.1	17.5
1 22	10 6.86	− 2 58.0	1.904	2.761	12.1	17.3
2 1	10 0.94	− 2 0.8	1.861	2.784	8.7	17.2
2 11	9 53.88	− 0 43.8	1.845	2.807	5.5	17.0
2 21	9 46.51	+ 0 47.4	1.857	2.831	4.3	17.0
3 2	9 39.75	+ 2 25.3	1.898	2.854	6.4	17.2
3 12	9 34.40	+ 4 1.9	1.966	2.878	9.5	17.4
3 22	9 30.97	+ 5 30.7	2.060	2.902	12.5	17.6

406164 2006 WH_{38} 2 14.9 109.°09 2.°5/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.49	+17 5.9	1.946	2.776	13.0	22.0
1 22	10 11.78	+18 7.3	1.888	2.795	9.5	21.8
2 1	10 3.94	+19 14.5	1.855	2.814	5.7	21.6
2 11	9 54.75	+20 20.6	1.851	2.832	2.6	21.5
2 21	9 45.22	+21 18.5	1.876	2.850	4.3	21.6
3 2	9 36.43	+22 3.2	1.931	2.867	7.9	21.9
3 12	9 29.32	+22 31.8	2.011	2.883	11.3	22.1
3 22	9 24.46	+22 44.2	2.114	2.899	14.2	22.3

297377 2000 KC_{37} 2 14.9 280.°77 1.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 16.53	+ 8 27.5	1.458	2.285	16.7	21.3
1 22	10 12.01	+ 8 40.9	1.370	2.272	12.8	21.0
2 1	10 4.60	+ 9 11.4	1.303	2.258	8.1	20.7
2 11	9 55.06	+ 9 55.0	1.261	2.244	2.9	20.4
2 21	9 44.60	+10 45.4	1.246	2.230	3.2	20.3
3 2	9 34.70	+11 35.2	1.257	2.216	8.6	20.6
3 12	9 26.75	+12 17.3	1.293	2.202	13.7	20.9
3 22	9 21.70	+12 47.3	1.350	2.188	18.0	21.1

84865 2003 BM_7 2 14.9 155.°05 3.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 15.48	+18 48.2	1.990	2.826	12.6	19.3
1 22	10 10.47	+20 21.1	1.921	2.831	9.2	19.1
2 1	10 3.27	+22 0.7	1.879	2.837	5.7	18.9
2 11	9 54.59	+23 38.2	1.865	2.841	3.6	18.8
2 21	9 45.40	+25 5.2	1.881	2.846	5.4	18.9
3 2	9 36.77	+26 15.0	1.926	2.850	8.8	19.1
3 12	9 29.71	+27 4.2	1.997	2.853	12.1	19.3
3 22	9 24.87	+27 32.6	2.089	2.856	15.0	19.5

342964 2009 BF_7 2 14.9 2.°71 4.°2/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 11.85	+ 1 29.4	1.741	2.541	15.6	20.0
1 22	10 7.92	+ 1 9.0	1.662	2.540	12.4	19.8
2 1	10 1.79	+ 1 6.9	1.604	2.540	8.8	19.5
2 11	9 54.17	+ 1 22.2	1.572	2.541	5.3	19.3
2 21	9 46.03	+ 1 51.9	1.566	2.542	4.4	19.3
3 2	9 38.45	+ 2 30.8	1.587	2.545	7.3	19.5
3 12	9 32.43	+ 3 13.0	1.633	2.548	10.9	19.7
3 22	9 28.64	+ 3 52.8	1.703	2.552	14.4	19.9

155390 1994 PP_{29} 2 14.9 197.°60 1.°6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 17.99	+ 5 37.6	2.116	2.908	13.5	21.5
1 22	10 12.19	+ 6 3.8	2.023	2.905	10.3	21.3
2 1	10 4.28	+ 6 44.8	1.954	2.900	6.7	21.1
2 11	9 54.90	+ 7 37.4	1.914	2.894	2.8	20.8
2 21	9 44.93	+ 8 36.8	1.905	2.888	2.6	20.8
3 2	9 35.40	+ 9 37.1	1.925	2.880	6.5	21.0
3 12	9 27.27	+10 32.8	1.974	2.871	10.3	21.2
3 22	9 21.23	+11 19.8	2.047	2.862	13.6	21.4

262468 2006 UO_{151} 2 14.9 87.°83 6.°1/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 12	10 20.20	+26 48.8	1.762	2.602	13.7	21.0
1 22	10 14.05	+28 8.2	1.718	2.624	10.4	20.8
2 1	10 5.39	+29 24.1	1.699	2.646	7.3	20.7
2 11	9 55.19	+30 27.1	1.708	2.668	6.1	20.7
2 21	9 44.69	+31 9.9	1.744	2.689	7.7	20.8
3 2	9 35.19	+31 28.8	1.807	2.710	10.6	21.0
3 12	9 27.76	+31 24.4	1.894	2.730	13.5	21.2
3 22	9 22.99	+30 59.9	2.001	2.750	16.1	21.5

345552 2006 RW_{16} 2 14.9 154.°13 0.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 12.30	+13 35.8	3.119	3.930	9.1	21.9
1 22	10 7.33	+14 16.0	3.041	3.939	6.7	21.7
2 1	10 1.03	+15 1.8	2.991	3.947	3.9	21.5
2 11	9 53.90	+15 49.7	2.971	3.955	1.2	21.3
2 21	9 46.49	+16 36.0	2.982	3.962	2.2	21.4
3 2	9 39.44	+17 17.3	3.025	3.969	5.0	21.6
3 12	9 33.32	+17 50.9	3.097	3.975	7.6	21.8
3 22	9 28.57	+18 15.6	3.194	3.981	9.8	22.0

356982 1996 RG_{24} 2 14.9 138.°57 1.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 20.25	+14 17.3	2.093	2.909	12.8	21.9
1 22	10 13.68	+14 51.9	2.025	2.925	9.4	21.7
2 1	10 5.04	+15 33.6	1.983	2.940	5.6	21.5
2 11	9 55.09	+16 17.2	1.970	2.954	1.7	21.2
2 21	9 44.79	+16 57.2	1.988	2.968	3.1	21.4
3 2	9 35.18	+17 29.2	2.035	2.980	7.0	21.6
3 12	9 27.18	+17 50.2	2.110	2.992	10.5	21.9
3 22	9 21.36	+17 59.5	2.209	3.002	13.4	22.1

417569 2006 UR_{212} 2 14.9 103.°19 2.°1/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.16	+ 5 41.4	1.868	2.670	14.6	21.5
1 22	10 11.57	+ 5 48.9	1.800	2.686	11.2	21.3
2 1	10 3.83	+ 6 11.1	1.755	2.701	7.2	21.1
2 11	9 54.74	+ 6 44.9	1.738	2.717	3.3	20.9
2 21	9 45.26	+ 7 25.7	1.749	2.732	2.9	20.9
3 2	9 36.49	+ 8 8.2	1.789	2.746	6.7	21.2
3 12	9 29.36	+ 8 47.1	1.857	2.761	10.4	21.4
3 22	9 24.47	+ 9 18.7	1.948	2.775	13.7	21.7

246989 1999 TP_{320} 2 14.9 126.°49 2.°8/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.49	+ 3 32.2	1.900	2.692	14.8	20.8
1 22	10 11.82	+ 3 38.0	1.828	2.706	11.5	20.6
2 1	10 4.01	+ 4 0.2	1.778	2.719	7.7	20.4
2 11	9 54.81	+ 4 36.3	1.756	2.731	3.9	20.2
2 21	9 45.19	+ 5 21.8	1.762	2.743	3.3	20.1
3 2	9 36.22	+ 6 11.2	1.798	2.754	6.7	20.4
3 12	9 28.86	+ 6 58.6	1.860	2.765	10.4	20.6
3 22	9 23.72	+ 7 39.8	1.947	2.775	13.7	20.9

391852 2008 SB_{294} 2 14.9 187.°79 1.°1/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.69	+12 36.6	2.022	2.838	13.2	22.4
1 22	10 12.80	+13 34.4	1.938	2.838	9.7	22.1
2 1	10 4.68	+14 43.4	1.880	2.837	5.8	21.9
2 11	9 55.02	+15 57.3	1.850	2.834	1.7	21.6
2 21	9 44.77	+17 9.3	1.851	2.831	3.3	21.7
3 2	9 35.04	+18 12.6	1.882	2.827	7.5	22.0
3 12	9 26.84	+19 2.6	1.941	2.822	11.3	22.2
3 22	9 20.88	+19 37.2	2.023	2.815	14.5	22.4

29277 1993 FB_{34} 2 14.9 28.°42 0.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 11.98	+11 26.1	2.125	2.948	12.4	19.1
1 22	10 7.67	+12 2.0	2.048	2.951	9.2	18.9
2 1	10 1.49	+12 48.0	1.996	2.953	5.5	18.7
2 11	9 54.08	+13 39.6	1.972	2.956	1.5	18.4
2 21	9 46.27	+14 31.5	1.977	2.960	2.6	18.5
3 2	9 38.95	+15 18.5	2.011	2.963	6.5	18.8
3 12	9 32.97	+15 56.4	2.072	2.967	10.0	19.0
3 22	9 28.90	+16 23.0	2.156	2.971	13.0	19.2

468145 2014 WY_{21} 2 14.9 13.°21 10.°0/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 18.62	+34 17.5	1.397	2.249	15.9	21.3
1 22	10 13.74	+35 40.1	1.350	2.253	12.9	21.1
2 1	10 5.57	+36 51.4	1.325	2.257	10.6	21.0
2 11	9 55.28	+37 39.1	1.324	2.263	10.1	20.9
2 21	9 44.49	+37 54.8	1.347	2.269	11.7	21.0
3 2	9 34.96	+37 35.8	1.392	2.276	14.5	21.2
3 12	9 28.08	+36 45.5	1.458	2.284	17.4	21.4
3 22	9 24.54	+35 30.6	1.542	2.293	20.0	21.6

305554 2008 UM_{187} 2 14.9 200.°34 3.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 19.22	+18 56.0	1.876	2.708	13.4	21.5
1 22	10 13.44	+20 3.0	1.797	2.705	9.9	21.3
2 1	10 5.18	+21 16.5	1.743	2.700	6.1	21.0
2 11	9 55.21	+22 28.4	1.717	2.695	3.4	20.9
2 21	9 44.58	+23 30.9	1.720	2.689	5.3	21.0
3 2	9 34.54	+24 17.4	1.753	2.683	9.1	21.2
3 12	9 26.23	+24 44.9	1.810	2.675	12.8	21.4
3 22	9 20.40	+24 53.4	1.890	2.667	16.0	21.6

211215 2002 PP_{39} 2 14.9 221.°51 0.°2/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 17.09	+10 9.7	2.100	2.910	12.9	21.8
1 22	10 11.59	+10 35.8	2.006	2.900	9.7	21.6
2 1	10 3.95	+11 13.3	1.936	2.890	6.0	21.3
2 11	9 54.82	+11 58.1	1.895	2.879	1.8	21.0
2 21	9 45.07	+12 45.2	1.884	2.867	2.5	21.0
3 2	9 35.75	+13 29.4	1.902	2.855	6.7	21.3
3 12	9 27.82	+14 6.0	1.949	2.842	10.6	21.5
3 22	9 22.00	+14 32.4	2.018	2.828	14.0	21.7

279870 2001 NL_{19} 2 14.9 116.°26 5.°5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.79	− 8 39.1	2.833	3.543	12.3	20.6
1 22	10 8.50	− 9 1.4	2.756	3.562	10.3	20.5
2 1	10 1.78	− 9 6.7	2.701	3.581	8.2	20.4
2 11	9 54.14	− 8 54.7	2.673	3.599	6.3	20.3
2 21	9 46.24	− 8 27.0	2.674	3.616	5.5	20.3
3 2	9 38.74	− 7 46.6	2.703	3.633	6.3	20.3
3 12	9 32.29	− 6 57.8	2.761	3.650	8.0	20.5
3 22	9 27.32	− 6 5.4	2.845	3.666	10.0	20.6

31322 1998 HS_{14} 2 14.9 83.°79 0.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 13.17	+12 47.8	2.351	3.170	11.4	19.4
1 22	10 8.28	+13 24.8	2.286	3.187	8.4	19.2
2 1	10 1.71	+14 9.5	2.247	3.204	5.0	19.0
2 11	9 54.10	+14 57.3	2.237	3.221	1.4	18.8
2 21	9 46.23	+15 43.5	2.257	3.238	2.5	18.9
3 2	9 38.89	+16 23.7	2.306	3.255	6.0	19.1
3 12	9 32.82	+16 54.9	2.383	3.271	9.2	19.4
3 22	9 28.52	+17 15.5	2.485	3.288	11.8	19.6

236886 2007 SR_3 2 14.9 60.°92 6.°0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 19.37	+30 21.2	2.095	2.929	12.1	19.9
1 22	10 13.20	+31 7.1	2.039	2.938	9.4	19.7
2 1	10 4.80	+31 47.0	2.008	2.947	7.0	19.6
2 11	9 55.03	+32 13.7	2.004	2.957	6.1	19.5
2 21	9 44.97	+32 22.2	2.028	2.966	7.3	19.6
3 2	9 35.74	+32 10.3	2.080	2.976	9.8	19.8
3 12	9 28.32	+31 38.9	2.156	2.985	12.4	20.0
3 22	9 23.26	+30 51.2	2.253	2.995	14.7	20.2

30333 Stevenwang 2 14.9 133.°74 2.°8/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 21.68	+18 15.9	1.694	2.526	14.6	18.8
1 22	10 15.21	+18 56.6	1.630	2.537	10.7	18.6
2 1	10 6.16	+19 42.4	1.590	2.548	6.5	18.3
2 11	9 55.43	+20 26.1	1.578	2.559	3.0	18.1
2 21	9 44.26	+21 0.6	1.594	2.569	4.7	18.3
3 2	9 33.99	+21 21.2	1.639	2.578	8.8	18.5
3 12	9 25.74	+21 25.7	1.709	2.587	12.7	18.8
3 22	9 20.21	+21 14.9	1.801	2.595	16.0	19.0

206211 2002 VG_{27} 2 14.9 68.°07 5.°7/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 16.41	+28 12.2	2.100	2.938	11.9	20.0
1 22	10 11.02	+29 17.5	2.047	2.951	9.1	19.8
2 1	10 3.50	+30 19.1	2.020	2.964	6.6	19.7
2 11	9 54.66	+31 9.5	2.021	2.977	5.7	19.7
2 21	9 45.50	+31 42.7	2.049	2.990	7.1	19.8
3 2	9 37.09	+31 55.7	2.105	3.003	9.6	19.9
3 12	9 30.34	+31 48.5	2.185	3.016	12.2	20.1
3 22	9 25.82	+31 23.3	2.286	3.029	14.5	20.3

40489 1999 RH_{67} 2 14.9 281.°19 0.°4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.29	+ 9 25.4	1.598	2.424	15.6	19.4
1 22	10 10.93	+ 9 54.5	1.504	2.407	11.8	19.1
2 1	10 3.89	+10 39.8	1.432	2.389	7.3	18.8
2 11	9 54.87	+11 36.9	1.386	2.370	2.3	18.4
2 21	9 44.96	+12 39.0	1.368	2.352	3.1	18.4
3 2	9 35.49	+13 38.2	1.377	2.334	8.3	18.7
3 12	9 27.77	+14 27.7	1.411	2.315	13.1	18.9
3 22	9 22.72	+15 3.4	1.467	2.297	17.3	19.1

412080 2013 FA_1 2 14.9 302.°82 3.°4/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 12	10 15.08	+ 4 40.8	1.417	2.236	17.6	20.9
1 22	10 11.10	+ 4 28.3	1.321	2.215	13.8	20.6
2 1	10 4.17	+ 4 35.2	1.246	2.193	9.4	20.3
2 11	9 55.02	+ 5 0.3	1.194	2.172	4.8	20.0
2 21	9 44.78	+ 5 39.6	1.169	2.151	4.1	19.9
3 2	9 34.97	+ 6 26.6	1.169	2.130	8.8	20.1
3 12	9 27.06	+ 7 13.5	1.193	2.110	13.9	20.3
3 22	9 22.08	+ 7 53.8	1.238	2.090	18.5	20.5