2020	α_{2000}	δ_{2000}	Δ	r	β	V
63150	2000 XH_{23}		3 28.9	222.°33	3.°3/25.1	17
	h m	° ′			°	m
2 21	12 55.19	+ 7 10.2	2.688	3.504	10.4	19.6
3 2	12 50.47	+ 7 42.8	2.601	3.499	8.0	19.5
3 12	12 44.16	+ 8 17.3	2.540	3.493	5.4	19.3
3 22	12 36.72	+ 8 49.5	2.507	3.487	3.5	19.1
4 1	12 28.78	+ 9 15.1	2.503	3.481	4.0	19.2
4 11	12 21.06	+ 9 30.5	2.529	3.474	6.4	19.3
4 21	12 14.20	+ 9 33.4	2.582	3.468	9.1	19.5
5 1	12 8.72	+ 9 22.9	2.659	3.461	11.5	19.6
221253	2005 UG_{267}		3 28.9	295.°24	0.°3/28.7	17
2 21	12 53.71	− 5 41.0	1.794	2.605	15.0	21.2
3 2	12 50.14	− 5 5.1	1.709	2.603	11.6	21.0
3 12	12 44.34	− 4 14.0	1.646	2.601	7.6	20.7
3 22	12 36.90	− 3 11.9	1.609	2.599	3.1	20.4
4 1	12 28.70	− 2 4.9	1.600	2.598	1.6	20.3
4 11	12 20.80	− 1 0.8	1.618	2.596	6.2	20.6
4 21	12 14.14	− 0 6.2	1.662	2.594	10.4	20.8
5 1	12 9.43	+ 0 33.6	1.730	2.592	14.1	21.1
275490	5088 $T\text{-}_3$		3 28.9	188.°71	5.°1/23.6	18
2 21	12 57.20	+10 21.5	2.225	3.050	12.0	20.6
3 2	12 52.31	+11 16.4	2.150	3.049	9.3	20.4
3 12	12 45.49	+12 11.9	2.099	3.048	6.7	20.2
3 22	12 37.30	+13 1.8	2.076	3.047	5.1	20.1
4 1	12 28.54	+13 40.1	2.081	3.045	6.0	20.2
4 11	12 20.11	+14 2.1	2.114	3.043	8.5	20.3
4 21	12 12.77	+14 5.5	2.172	3.040	11.3	20.5
5 1	12 7.15	+13 50.3	2.253	3.037	13.9	20.7
111976	2002 GX_{92}		3 29.0	223.°64	0.°4/29.3	16
2 21	12 59.75	− 5 45.1	1.809	2.609	15.4	20.4
3 2	12 54.89	− 5 40.1	1.716	2.602	12.0	20.2
3 12	12 47.54	− 5 22.1	1.644	2.595	8.0	19.9
3 22	12 38.29	− 4 53.5	1.598	2.587	3.5	19.6
4 1	12 28.10	− 4 18.5	1.580	2.578	1.4	19.4
4 11	12 18.13	− 3 43.3	1.590	2.569	6.1	19.7
4 21	12 9.46	− 3 13.4	1.627	2.560	10.5	20.0
5 1	12 2.93	− 2 53.7	1.688	2.550	14.4	20.2
377446	2004 TR_{345}		3 29.0	151.°97	2.°1/26.8	17
2 21	12 57.32	+ 1 34.4	2.268	3.079	12.3	21.5
3 2	12 52.31	+ 2 5.0	2.189	3.085	9.3	21.3
3 12	12 45.44	+ 2 41.7	2.135	3.091	6.0	21.1
3 22	12 37.28	+ 3 20.4	2.109	3.097	2.8	20.9
4 1	12 28.57	+ 3 56.0	2.112	3.102	2.9	20.9
4 11	12 20.19	+ 4 23.9	2.144	3.107	6.1	21.1
4 21	12 12.88	+ 4 40.8	2.204	3.112	9.4	21.3
5 1	12 7.24	+ 4 44.7	2.287	3.116	12.3	21.5
473765	2016 EV_{57}		3 29.0	325.°70	1.°5/27.9	17
2 21	12 54.12	− 2 10.6	1.365	2.203	17.4	20.8
3 2	12 51.24	− 1 46.9	1.281	2.190	13.5	20.5
3 12	12 45.50	− 1 8.6	1.217	2.179	8.8	20.2
3 22	12 37.53	− 0 20.8	1.176	2.168	3.7	19.9
4 1	12 28.42	+ 0 29.1	1.161	2.157	2.8	19.8
4 11	12 19.59	+ 1 12.3	1.170	2.147	8.1	20.1
4 21	12 12.33	+ 1 41.6	1.203	2.138	13.2	20.3
5 1	12 7.60	+ 1 52.2	1.256	2.130	17.7	20.6
42166	2001 CL_{11}		3 29.0	167.°40	0.°5/28.5	18
2 21	12 58.44	− 4 31.8	2.037	2.836	13.9	20.2
3 2	12 53.44	− 4 1.0	1.953	2.841	10.7	20.0
3 12	12 46.32	− 3 18.0	1.893	2.845	7.0	19.8
3 22	12 37.69	− 2 26.7	1.859	2.849	2.9	19.5
4 1	12 28.40	− 1 32.3	1.855	2.852	1.6	19.4
4 11	12 19.43	− 0 41.2	1.879	2.854	5.8	19.7
4 21	12 11.65	+ 0 1.4	1.932	2.856	9.6	19.9
5 1	12 5.75	+ 0 31.4	2.008	2.857	13.0	20.2
146847	2002 AV_{84}		3 29.0	271.°60	3.°8/24.0	18
2 21	12 51.02	+ 5 49.0	2.360	3.189	11.3	19.7
3 2	12 47.53	+ 6 59.4	2.280	3.186	8.6	19.5
3 12	12 42.36	+ 8 14.6	2.226	3.183	5.8	19.3
3 22	12 36.00	+ 9 28.8	2.200	3.180	3.9	19.2
4 1	12 29.12	+10 35.5	2.203	3.177	4.8	19.2
4 11	12 22.49	+11 29.1	2.233	3.174	7.4	19.4
4 21	12 16.76	+12 6.1	2.290	3.171	10.3	19.6
5 1	12 12.49	+12 24.7	2.369	3.168	12.9	19.7
400282	2007 RV_{314}		3 29.0	152.°71	1.°9/30.9	18
2 21	12 58.80	−11 53.7	2.092	2.862	14.6	22.9
3 2	12 53.68	−11 36.2	2.008	2.872	11.6	22.7
3 12	12 46.46	−11 1.9	1.946	2.882	8.1	22.5
3 22	12 37.74	−10 12.8	1.910	2.891	4.3	22.3
4 1	12 28.39	− 9 13.1	1.903	2.899	2.0	22.1
4 11	12 19.38	− 8 9.0	1.926	2.906	5.0	22.4
4 21	12 11.58	− 7 6.9	1.976	2.913	8.7	22.6
5 1	12 5.64	− 6 12.7	2.052	2.918	12.1	22.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
362614	2011 RW_{12}		3 29.0	71.°73	1.°3/29.9	18
	h m	° ′			°	m
2 21	13 0.17	− 8 23.7	1.381	2.190	18.8	21.3
3 2	12 55.44	− 8 15.8	1.323	2.213	14.7	21.1
3 12	12 47.88	− 7 49.0	1.286	2.236	9.8	20.8
3 22	12 38.37	− 7 6.8	1.271	2.259	4.6	20.6
4 1	12 28.16	− 6 15.5	1.283	2.281	1.7	20.4
4 11	12 18.67	− 5 23.5	1.322	2.304	6.5	20.8
4 21	12 11.04	− 4 38.4	1.385	2.326	11.3	21.1
5 1	12 6.01	− 4 6.0	1.470	2.348	15.3	21.4
455679	2005 EC_{26}		3 29.0	6.°64	0.°1/29.1	17
2 21	12 54.49	− 5 28.5	1.294	2.126	18.5	21.0
3 2	12 51.53	− 5 17.2	1.221	2.126	14.4	20.8
3 12	12 45.64	− 4 48.5	1.168	2.127	9.5	20.5
3 22	12 37.55	− 4 6.2	1.138	2.128	4.1	20.2
4 1	12 28.46	− 3 17.3	1.132	2.130	1.7	20.0
4 11	12 19.82	− 2 30.4	1.151	2.133	7.3	20.4
4 21	12 12.89	− 1 53.6	1.194	2.137	12.5	20.7
5 1	12 8.58	− 1 32.3	1.257	2.141	16.9	20.9
306277	2011 SF_8		3 29.0	200.°88	0.°6/29.8	17
2 21	12 53.07	− 7 49.5	2.985	3.762	10.5	22.0
3 2	12 48.76	− 7 30.3	2.885	3.758	8.2	21.8
3 12	12 43.02	− 7 1.1	2.810	3.754	5.5	21.7
3 22	12 36.26	− 6 24.0	2.762	3.749	2.5	21.5
4 1	12 29.02	− 5 41.9	2.745	3.743	0.9	21.3
4 11	12 21.95	− 4 58.8	2.759	3.737	3.8	21.5
4 21	12 15.59	− 4 18.4	2.801	3.731	6.8	21.7
5 1	12 10.44	− 3 44.1	2.870	3.724	9.4	21.9
300343	2007 RF_{41}		3 29.0	127.°08	0.°3/28.8	18
2 21	13 0.54	− 4 6.1	1.645	2.454	16.3	20.7
3 2	12 55.50	− 3 56.6	1.570	2.462	12.6	20.5
3 12	12 47.88	− 3 34.4	1.516	2.470	8.2	20.2
3 22	12 38.40	− 3 3.1	1.487	2.477	3.4	20.0
4 1	12 28.11	− 2 28.1	1.487	2.484	1.6	19.8
4 11	12 18.29	− 1 55.7	1.513	2.491	6.5	20.2
4 21	12 9.99	− 1 31.6	1.566	2.497	11.0	20.4
5 1	12 4.01	− 1 19.6	1.642	2.504	14.8	20.7
242909	2006 LR_4		3 29.0	257.°34	5.°8/22.3	17
2 21	12 57.59	+14 20.4	2.425	3.246	11.3	20.3
3 2	12 52.61	+15 12.4	2.336	3.228	9.0	20.1
3 12	12 45.72	+16 2.7	2.271	3.210	6.9	19.9
3 22	12 37.45	+16 45.1	2.233	3.192	5.8	19.8
4 1	12 28.51	+17 14.0	2.224	3.173	6.8	19.9
4 11	12 19.77	+17 24.9	2.243	3.154	9.0	20.0
4 21	12 12.01	+17 16.2	2.287	3.134	11.6	20.1
5 1	12 5.87	+16 48.1	2.353	3.114	14.0	20.2
457636	2009 BN_{155}		3 29.0	342.°34	3.°1/31.0	18
2 21	12 55.84	−10 26.8	1.302	2.116	19.5	20.9
3 2	12 52.76	−10 50.7	1.221	2.110	15.6	20.6
3 12	12 46.61	−10 54.7	1.158	2.105	11.1	20.3
3 22	12 38.03	−10 38.9	1.117	2.100	6.1	20.0
4 1	12 28.23	−10 6.9	1.100	2.096	3.1	19.8
4 11	12 18.73	− 9 25.8	1.108	2.093	7.1	20.0
4 21	12 10.95	− 8 44.1	1.140	2.090	12.1	20.3
5 1	12 5.92	− 8 10.1	1.192	2.088	16.8	20.6
439129	2011 SG_{225}		3 29.0	220.°61	2.°6/ 1.5	18
2 21	12 50.73	−15 49.8	2.503	3.258	12.8	21.3
3 2	12 47.30	−15 23.7	2.405	3.256	10.4	21.1
3 12	12 42.22	−14 40.2	2.329	3.254	7.6	20.9
3 22	12 35.95	−13 40.8	2.279	3.252	4.6	20.7
4 1	12 29.15	−12 29.0	2.258	3.250	2.6	20.6
4 11	12 22.56	−11 10.2	2.267	3.248	4.3	20.7
4 21	12 16.83	− 9 50.6	2.304	3.246	7.3	20.9
5 1	12 12.53	− 8 36.1	2.367	3.243	10.3	21.1
469354	2001 CA_4		3 29.0	59.°15	13.°4/ 8.2	18
2 21	13 12.56	−30 58.3	1.463	2.138	23.6	20.5
3 2	13 5.80	−33 24.5	1.410	2.170	21.0	20.4
3 12	12 55.20	−35 19.6	1.372	2.201	18.1	20.2
3 22	12 41.63	−36 34.7	1.355	2.233	15.5	20.2
4 1	12 26.71	−37 4.2	1.359	2.265	13.8	20.1
4 11	12 12.48	−36 50.5	1.386	2.297	13.5	20.2
4 21	12 0.67	−36 3.1	1.436	2.329	14.5	20.3
5 1	11 52.41	−34 55.5	1.506	2.360	16.3	20.5
21412	Sinchanban		3 29.0	116.°20	2.°8/26.9	18
2 21	12 58.49	− 0 18.4	1.339	2.174	17.8	18.1
3 2	12 54.46	+ 0 28.2	1.270	2.179	13.6	17.8
3 12	12 47.46	+ 1 28.2	1.221	2.183	8.8	17.5
3 22	12 38.29	+ 2 34.5	1.197	2.187	4.0	17.3
4 1	12 28.17	+ 3 37.6	1.198	2.191	4.0	17.3
4 11	12 18.59	+ 4 28.1	1.225	2.194	8.9	17.5
4 21	12 10.80	+ 4 59.6	1.275	2.198	13.6	17.8
5 1	12 5.65	+ 5 9.1	1.346	2.201	17.8	18.1

122016 2000 GP_{42} 3 29.0 138.°69 0.°6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.24	− 3 0.0	1.541	2.354	17.0	19.6
3 2	12 57.01	− 2 55.5	1.465	2.360	13.1	19.4
3 12	12 48.98	− 2 39.1	1.410	2.365	8.6	19.1
3 22	12 38.90	− 2 14.3	1.380	2.370	3.5	18.8
4 1	12 27.91	− 1 46.8	1.378	2.375	1.9	18.7
4 11	12 17.39	− 1 22.7	1.403	2.380	7.0	19.0
4 21	12 8.54	− 1 7.5	1.453	2.384	11.7	19.3
5 1	12 2.19	− 1 4.8	1.526	2.388	15.7	19.6

205485 2001 QP_{238} 3 29.0 221.°55 1.°2/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.91	− 8 16.8	2.446	3.226	12.4	20.4
3 2	12 51.27	− 8 19.3	2.348	3.221	9.8	20.2
3 12	12 44.84	− 8 10.8	2.274	3.216	6.7	20.0
3 22	12 37.08	− 7 52.7	2.227	3.212	3.3	19.8
4 1	12 28.69	− 7 27.8	2.209	3.206	1.4	19.6
4 11	12 20.47	− 7 0.1	2.221	3.201	4.5	19.9
4 21	12 13.17	− 6 33.6	2.261	3.195	7.9	20.1
5 1	12 7.41	− 6 12.4	2.326	3.190	10.9	20.2

166560 2002 RP_{102} 3 29.0 105.°04 1.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.96	+ 0 4.7	2.347	3.153	12.1	20.0
3 2	12 51.92	+ 0 24.1	2.274	3.167	9.2	19.8
3 12	12 45.13	+ 0 49.8	2.226	3.181	5.9	19.6
3 22	12 37.14	+ 1 18.3	2.205	3.195	2.5	19.4
4 1	12 28.70	+ 1 45.4	2.214	3.208	2.2	19.4
4 11	12 20.60	+ 2 7.0	2.253	3.221	5.5	19.6
4 21	12 13.57	+ 2 19.9	2.319	3.234	8.7	19.9
5 1	12 8.13	+ 2 22.1	2.410	3.247	11.5	20.1

276301 2002 TQ_{120} 3 29.0 61.°88 4.°1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.90	−16 1.7	1.525	2.301	18.8	20.6
3 2	12 53.52	−16 5.5	1.466	2.329	15.2	20.4
3 12	12 46.55	−15 45.0	1.428	2.356	11.0	20.2
3 22	12 37.80	−15 1.7	1.412	2.384	6.8	20.0
4 1	12 28.43	−14 0.4	1.422	2.412	4.1	20.0
4 11	12 19.73	−12 49.2	1.458	2.440	6.2	20.1
4 21	12 12.72	−11 37.4	1.521	2.467	10.0	20.4
5 1	12 8.09	−10 33.1	1.606	2.495	13.6	20.7

354870 2006 BJ_{11} 3 29.0 332.°31 5.°5/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.45	−12 40.3	1.150	1.968	21.3	19.7
3 2	12 52.30	−13 40.9	1.063	1.951	17.6	19.4
3 12	12 46.73	−14 21.6	0.993	1.935	13.1	19.1
3 22	12 38.26	−14 39.3	0.943	1.921	8.3	18.8
4 1	12 28.11	−14 33.9	0.916	1.907	5.5	18.6
4 11	12 18.04	−14 10.1	0.911	1.894	8.4	18.7
4 21	12 9.77	−13 36.6	0.927	1.883	13.5	18.9
5 1	12 4.62	−13 3.5	0.963	1.873	18.5	19.1

505321 2012 XR_{141} 3 29.0 152.°36 1.°0/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.63	− 9 38.8	2.751	3.525	11.3	22.1
3 2	12 48.50	− 9 14.3	2.662	3.532	8.9	22.0
3 12	12 42.88	− 8 37.9	2.597	3.538	6.0	21.8
3 22	12 36.21	− 7 51.8	2.559	3.543	2.9	21.6
4 1	12 29.10	− 6 59.5	2.551	3.549	1.1	21.5
4 11	12 22.21	− 6 5.6	2.574	3.554	4.0	21.7
4 21	12 16.14	− 5 14.3	2.625	3.558	7.0	21.9
5 1	12 11.37	− 4 29.9	2.702	3.562	9.7	22.1

415944 2001 WY_{56} 3 29.0 79.°22 1.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.38	− 0 33.7	1.765	2.583	15.0	21.3
3 2	12 53.46	− 0 0.6	1.705	2.605	11.3	21.1
3 12	12 46.31	+ 0 41.8	1.669	2.626	7.2	20.9
3 22	12 37.67	+ 1 28.1	1.658	2.648	3.1	20.7
4 1	12 28.51	+ 2 12.0	1.676	2.670	2.8	20.7
4 11	12 19.91	+ 2 47.4	1.721	2.691	6.7	21.0
4 21	12 12.76	+ 3 10.3	1.793	2.712	10.6	21.3
5 1	12 7.66	+ 3 18.1	1.887	2.733	13.9	21.6

285618 2000 RN_8 3 29.0 72.°23 8.°2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 14.27	−22 27.9	1.620	2.330	20.4	20.1
3 2	13 6.04	−23 54.0	1.568	2.374	17.2	20.0
3 12	12 54.70	−24 54.3	1.536	2.418	13.7	19.8
3 22	12 41.21	−25 24.6	1.527	2.460	10.3	19.7
4 1	12 27.03	−25 24.2	1.544	2.502	8.3	19.7
4 11	12 13.76	−24 57.9	1.589	2.543	8.8	19.8
4 21	12 2.68	−24 14.4	1.661	2.583	11.0	20.1
5 1	11 54.59	−23 23.9	1.756	2.622	13.8	20.3

215463 Jobse 3 29.0 302.°14 1.°8/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.78	− 1 51.3	1.478	2.310	16.6	20.7
3 2	12 51.64	− 1 19.1	1.386	2.293	12.9	20.4
3 12	12 45.74	− 0 32.5	1.315	2.275	8.4	20.1
3 22	12 37.66	+ 0 23.5	1.267	2.258	3.5	19.7
4 1	12 28.44	+ 1 21.3	1.246	2.242	3.0	19.6
4 11	12 19.39	+ 2 12.0	1.251	2.225	8.1	19.9
4 21	12 11.77	+ 2 48.3	1.279	2.209	13.0	20.1
5 1	12 6.56	+ 3 5.4	1.329	2.193	17.4	20.3

247990 2004 CG_{118} 3 29.0 357.°35 1.°2/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.64	− 2 52.1	1.813	2.636	14.4	20.5
3 2	12 48.52	− 2 16.4	1.732	2.634	11.0	20.3
3 12	12 43.27	− 1 28.3	1.674	2.633	7.1	20.0
3 22	12 36.48	− 0 32.7	1.641	2.632	2.9	19.8
4 1	12 28.99	+ 0 24.3	1.635	2.631	2.2	19.7
4 11	12 21.81	+ 1 15.6	1.657	2.631	6.4	20.0
4 21	12 15.81	+ 1 55.6	1.704	2.632	10.5	20.2
5 1	12 11.68	+ 2 20.3	1.774	2.633	14.0	20.4

366922 2005 UU_{274} 3 29.0 155.°05 3.°9/ 3.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.72	−19 55.2	2.516	3.239	13.6	21.7
3 2	12 51.08	−19 43.7	2.424	3.248	11.3	21.6
3 12	12 44.66	−19 13.3	2.353	3.256	8.6	21.4
3 22	12 36.99	−18 24.5	2.308	3.264	5.8	21.2
4 1	12 28.78	−17 19.9	2.291	3.272	4.0	21.1
4 11	12 20.84	−16 4.5	2.303	3.278	4.9	21.2
4 21	12 13.89	−14 44.7	2.345	3.284	7.4	21.4
5 1	12 8.50	−13 26.8	2.413	3.289	10.2	21.6

100896 1998 JT_3 3 29.0 345.°93 2.°9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.14	+ 2 12.8	2.038	2.867	12.8	19.3
3 2	12 47.90	+ 3 6.0	1.957	2.863	9.7	19.1
3 12	12 42.75	+ 4 6.9	1.900	2.860	6.3	18.9
3 22	12 36.23	+ 5 10.1	1.869	2.857	3.3	18.7
4 1	12 29.11	+ 6 8.8	1.867	2.854	3.9	18.7
4 11	12 22.25	+ 6 57.0	1.892	2.852	7.2	18.9
4 21	12 16.44	+ 7 30.1	1.943	2.850	10.6	19.1
5 1	12 12.29	+ 7 45.7	2.016	2.848	13.6	19.3

306908 2001 TG_{181} 3 29.0 202.°89 2.°3/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.98	−13 43.7	2.409	3.174	13.0	20.5
3 2	12 48.32	−13 24.8	2.313	3.173	10.4	20.3
3 12	12 42.92	−12 49.8	2.240	3.172	7.4	20.1
3 22	12 36.29	−12 0.3	2.194	3.170	4.3	19.9
4 1	12 29.08	−10 59.6	2.175	3.169	2.3	19.7
4 11	12 22.08	− 9 53.1	2.186	3.167	4.4	19.9
4 21	12 15.99	− 8 46.6	2.225	3.165	7.6	20.1
5 1	12 11.40	− 7 45.6	2.289	3.163	10.7	20.3

8628 Davidsaltzberg 3 29.0 182.°73 1.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.86	− 3 57.8	2.375	3.176	12.1	19.1
3 2	12 49.69	− 2 57.3	2.286	3.177	9.3	18.9
3 12	12 43.78	− 1 44.9	2.222	3.177	5.9	18.7
3 22	12 36.64	− 0 25.1	2.186	3.176	2.4	18.5
4 1	12 28.94	+ 0 56.1	2.180	3.175	2.0	18.4
4 11	12 21.49	+ 2 12.3	2.205	3.174	5.5	18.7
4 21	12 14.98	+ 3 17.9	2.257	3.172	8.9	18.9
5 1	12 9.98	+ 4 9.2	2.334	3.169	11.9	19.1

134675 1999 WR_6 3 29.0 191.°08 4.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.68	+ 4 57.3	1.895	2.721	13.8	20.3
3 2	12 53.04	+ 5 55.3	1.816	2.720	10.5	20.0
3 12	12 46.17	+ 6 59.5	1.762	2.718	7.0	19.8
3 22	12 37.69	+ 8 3.0	1.733	2.717	4.3	19.6
4 1	12 28.50	+ 8 58.5	1.734	2.714	5.1	19.7
4 11	12 19.64	+ 9 39.5	1.762	2.712	8.4	19.9
4 21	12 12.04	+10 2.0	1.815	2.708	11.9	20.1
5 1	12 6.42	+10 4.5	1.890	2.705	15.1	20.3

157689 2005 YM_{256} 3 29.0 292.°56 1.°6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.90	−10 20.0	1.851	2.646	15.3	20.1
3 2	12 49.64	−10 1.5	1.752	2.633	12.1	19.9
3 12	12 44.13	− 9 24.9	1.674	2.620	8.4	19.6
3 22	12 36.91	− 8 32.2	1.622	2.606	4.2	19.3
4 1	12 28.80	− 7 28.0	1.596	2.593	1.7	19.1
4 11	12 20.86	− 6 19.3	1.598	2.580	5.6	19.3
4 21	12 14.06	− 5 13.7	1.626	2.567	9.9	19.5
5 1	12 9.18	− 4 17.9	1.678	2.555	13.8	19.7

29465 1997 TX_{10} 3 29.0 81.°54 1.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.82	− 5 25.5	1.708	2.523	15.5	19.9
3 2	12 50.17	− 4 21.7	1.640	2.538	11.8	19.7
3 12	12 44.30	− 3 1.7	1.595	2.552	7.6	19.5
3 22	12 36.89	− 1 31.6	1.576	2.567	3.0	19.2
4 1	12 28.87	+ 0 0.2	1.585	2.581	2.2	19.2
4 11	12 21.32	+ 1 24.6	1.621	2.595	6.6	19.5
4 21	12 15.13	+ 2 34.6	1.684	2.609	10.7	19.8
5 1	12 10.93	+ 3 25.5	1.769	2.623	14.2	20.0

286526 2002 CO_{75} 3 29.0 187.°96 3.°8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.41	−17 21.6	2.750	3.481	12.3	20.6
3 2	12 50.78	−17 43.2	2.650	3.481	10.2	20.5
3 12	12 44.47	−17 50.7	2.572	3.480	7.7	20.3
3 22	12 36.94	−17 43.9	2.521	3.479	5.3	20.2
4 1	12 28.82	−17 24.0	2.498	3.478	3.8	20.0
4 11	12 20.85	−16 54.1	2.504	3.477	4.7	20.1
4 21	12 13.72	−16 18.1	2.539	3.475	7.1	20.2
5 1	12 7.99	−15 40.8	2.600	3.473	9.6	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
494225	2016 NB_{21}		3 29.0	244.°11	3.°8/ 2.1	17
	h m	° ′			°	m
2 21	12 54.89	−16 46.1	2.445	3.188	13.4	21.0
3 2	12 50.64	−17 2.8	2.341	3.180	11.1	20.8
3 12	12 44.52	−17 3.8	2.258	3.173	8.3	20.7
3 22	12 37.01	−16 48.9	2.202	3.165	5.6	20.5
4 1	12 28.79	−16 19.7	2.173	3.157	3.8	20.3
4 11	12 20.70	−15 39.7	2.173	3.149	5.0	20.4
4 21	12 13.52	−14 53.9	2.201	3.140	7.8	20.6
5 1	12 7.90	−14 7.7	2.254	3.132	10.7	20.7
378775	2008 SH_{9}		3 29.0	223.°08	2.°0/30.9	17
2 21	12 56.04	−10 20.4	2.021	2.804	14.6	20.9
3 2	12 51.77	−10 22.3	1.929	2.802	11.6	20.7
3 12	12 45.37	−10 9.2	1.860	2.800	8.1	20.4
3 22	12 37.38	− 9 42.7	1.815	2.798	4.3	20.2
4 1	12 28.63	− 9 5.9	1.799	2.795	2.0	20.0
4 11	12 20.12	− 8 24.1	1.811	2.793	5.2	20.2
4 21	12 12.75	− 7 43.0	1.850	2.790	9.0	20.5
5 1	12 7.21	− 7 8.0	1.914	2.787	12.5	20.7
491818	2013 AF_{3}		3 29.0	105.°82	3.°3/ 2.1	17
2 21	12 53.04	−16 34.3	2.538	3.284	12.9	21.1
3 2	12 49.01	−16 34.4	2.450	3.292	10.5	20.9
3 12	12 43.32	−16 18.5	2.384	3.301	7.8	20.7
3 22	12 36.44	−15 47.5	2.343	3.309	5.0	20.6
4 1	12 29.06	−15 3.8	2.331	3.317	3.3	20.5
4 11	12 21.91	−14 11.6	2.347	3.325	4.5	20.6
4 21	12 15.68	−13 16.2	2.392	3.333	7.2	20.7
5 1	12 10.90	−12 22.8	2.463	3.341	9.9	20.9
209637	2005 BU_{4}		3 29.0	24.°96	0.°3/29.2	18
2 21	12 55.65	− 5 37.2	1.231	2.064	19.2	19.9
3 2	12 52.48	− 5 31.9	1.165	2.070	15.0	19.6
3 12	12 46.28	− 5 8.9	1.119	2.078	9.9	19.4
3 22	12 37.85	− 4 32.2	1.096	2.086	4.3	19.1
4 1	12 28.46	− 3 48.5	1.096	2.095	1.7	18.9
4 11	12 19.65	− 3 6.7	1.122	2.104	7.3	19.3
4 21	12 12.68	− 2 34.4	1.170	2.115	12.5	19.6
5 1	12 8.44	− 2 16.9	1.239	2.126	17.0	19.9
241140	2007 QA_{17}		3 29.0	237.°94	0.°4/28.7	17
2 21	12 57.28	− 5 44.1	1.776	2.581	15.4	21.7
3 2	12 53.11	− 5 9.0	1.678	2.569	12.0	21.4
3 12	12 46.46	− 4 17.7	1.602	2.555	7.9	21.1
3 22	12 37.92	− 3 13.9	1.552	2.541	3.3	20.8
4 1	12 28.39	− 2 3.9	1.529	2.527	1.7	20.6
4 11	12 19.04	− 0 55.7	1.535	2.512	6.5	20.9
4 21	12 10.93	+ 0 3.3	1.567	2.496	11.1	21.2
5 1	12 4.92	+ 0 47.2	1.622	2.480	15.1	21.4
32350	2000 QP_{115}		3 29.0	224.°55	3.°5/ 1.9	18
2 21	12 54.58	−16 0.3	2.485	3.232	13.1	19.2
3 2	12 50.33	−16 14.0	2.385	3.228	10.8	19.0
3 12	12 44.27	−16 12.7	2.307	3.224	8.0	18.8
3 22	12 36.89	−15 56.3	2.255	3.221	5.2	18.6
4 1	12 28.85	−15 26.5	2.231	3.217	3.5	18.5
4 11	12 20.98	−14 47.2	2.236	3.213	4.8	18.6
4 21	12 14.02	−14 3.1	2.269	3.208	7.6	18.8
5 1	12 8.57	−13 19.5	2.327	3.204	10.4	18.9
415300	2013 GD_{81}		3 29.0	313.°81	1.°9/27.6	17
2 21	12 53.68	− 2 6.4	1.319	2.159	17.8	21.2
3 2	12 51.09	− 1 32.3	1.231	2.143	13.8	20.9
3 12	12 45.55	− 0 41.9	1.163	2.126	9.0	20.6
3 22	12 37.65	+ 0 19.4	1.119	2.110	3.8	20.2
4 1	12 28.50	+ 1 23.0	1.099	2.094	3.2	20.1
4 11	12 19.56	+ 2 18.8	1.104	2.079	8.6	20.4
4 21	12 12.19	+ 2 58.4	1.131	2.065	14.0	20.6
5 1	12 7.43	+ 3 16.5	1.178	2.051	18.6	20.9
108540	2001 LQ_{8}		3 29.0	179.°63	1.°6/31.0	16
2 21	12 56.49	−11 43.8	2.634	3.394	12.1	21.3
3 2	12 51.57	−11 22.9	2.537	3.397	9.6	21.1
3 12	12 44.96	−10 48.2	2.464	3.398	6.7	20.9
3 22	12 37.14	−10 1.5	2.418	3.399	3.6	20.7
4 1	12 28.77	− 9 6.1	2.402	3.398	1.7	20.6
4 11	12 20.62	− 8 6.7	2.417	3.397	4.2	20.7
4 21	12 13.35	− 7 8.5	2.461	3.395	7.4	20.9
5 1	12 7.54	− 6 16.2	2.532	3.392	10.3	21.1
24662	Gryll		3 29.0	327.°70	1.°4/28.1	18
2 21	12 57.37	− 1 4.4	1.281	2.120	18.3	17.4
3 2	12 54.00	− 1 2.1	1.199	2.108	14.2	17.1
3 12	12 47.47	− 0 48.1	1.136	2.097	9.3	16.8
3 22	12 38.46	− 0 26.7	1.096	2.087	3.9	16.5
4 1	12 28.17	− 0 4.3	1.081	2.078	2.7	16.3
4 11	12 18.19	+ 0 11.6	1.090	2.069	8.3	16.6
4 21	12 9.93	+ 0 15.3	1.123	2.061	13.6	16.9
5 1	12 4.47	+ 0 2.8	1.175	2.053	18.3	17.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
380895	2006 DT_{99}		3 29.0	359.°20	2.°4/26.7	17
	h m	° ′			°	m
2 21	12 53.54	+ 0 0.6	1.858	2.683	14.0	21.4
3 2	12 49.91	+ 0 48.7	1.779	2.683	10.7	21.2
3 12	12 44.16	+ 1 46.9	1.723	2.683	6.9	20.9
3 22	12 36.86	+ 2 49.7	1.693	2.683	3.2	20.7
4 1	12 28.89	+ 3 50.0	1.691	2.683	3.3	20.7
4 11	12 21.24	+ 4 41.1	1.717	2.683	7.1	20.9
4 21	12 14.78	+ 5 17.7	1.768	2.683	10.9	21.2
5 1	12 10.20	+ 5 36.8	1.841	2.683	14.3	21.4
376285	2011 FH_{79}		3 29.0	185.°57	2.°5/26.3	17
2 21	12 53.67	+ 0 18.0	2.006	2.827	13.3	21.1
3 2	12 49.86	+ 1 15.9	1.925	2.827	10.1	20.9
3 12	12 44.05	+ 2 23.6	1.868	2.827	6.5	20.7
3 22	12 36.81	+ 3 35.5	1.838	2.827	3.1	20.5
4 1	12 28.94	+ 4 44.4	1.837	2.826	3.5	20.5
4 11	12 21.36	+ 5 43.7	1.863	2.826	7.0	20.7
4 21	12 14.89	+ 6 28.2	1.916	2.825	10.6	20.9
5 1	12 10.17	+ 6 54.9	1.992	2.824	13.8	21.1
502766	2015 DG_{76}		3 29.0	259.°30	0.°2/28.8	17
2 21	12 55.21	− 4 47.2	2.151	2.952	13.2	21.9
3 2	12 51.07	− 4 25.7	2.049	2.938	10.3	21.7
3 12	12 44.91	− 3 52.5	1.970	2.923	6.8	21.4
3 22	12 37.22	− 3 10.6	1.918	2.908	2.8	21.1
4 1	12 28.75	− 2 24.4	1.895	2.892	1.4	21.0
4 11	12 20.42	− 1 39.5	1.900	2.877	5.5	21.2
4 21	12 13.08	− 1 1.1	1.933	2.861	9.4	21.4
5 1	12 7.44	− 0 33.6	1.989	2.845	12.8	21.6
229567	2006 AR_{33}		3 29.0	208.°62	5.°5/22.4	17 R
2 21	12 56.92	+12 23.9	2.397	3.219	11.3	21.0
3 2	12 52.06	+13 31.5	2.317	3.213	8.9	20.9
3 12	12 45.36	+14 39.1	2.263	3.206	6.6	20.7
3 22	12 37.34	+15 40.1	2.236	3.199	5.5	20.6
4 1	12 28.73	+16 28.3	2.239	3.190	6.5	20.7
4 11	12 20.37	+16 59.0	2.269	3.182	8.8	20.8
4 21	12 13.01	+17 9.9	2.324	3.172	11.4	20.9
5 1	12 7.26	+17 0.9	2.401	3.162	13.8	21.1
291244	2006 BZ_{44}		3 29.0	202.°85	2.°9/25.6	18
2 21	12 52.91	+ 1 19.7	2.129	2.951	12.6	20.9
3 2	12 49.19	+ 2 30.5	2.046	2.949	9.5	20.7
3 12	12 43.58	+ 3 50.5	1.988	2.947	6.2	20.5
3 22	12 36.61	+ 5 13.7	1.957	2.944	3.3	20.3
4 1	12 29.04	+ 6 32.9	1.956	2.942	3.9	20.4
4 11	12 21.73	+ 7 41.2	1.983	2.939	7.1	20.6
4 21	12 15.45	+ 8 33.6	2.036	2.935	10.5	20.7
5 1	12 10.81	+ 9 7.1	2.112	2.932	13.5	20.9
211805	2004 DK_{19}		3 29.0	233.°83	3.°9/24.3	17
2 21	12 51.99	+ 5 18.3	2.263	3.092	11.7	20.7
3 2	12 48.37	+ 6 29.8	2.183	3.088	8.9	20.5
3 12	12 42.99	+ 7 46.8	2.128	3.085	6.0	20.4
3 22	12 36.36	+ 9 3.3	2.101	3.082	4.0	20.2
4 1	12 29.16	+10 12.3	2.102	3.078	4.8	20.3
4 11	12 22.21	+11 8.1	2.132	3.074	7.6	20.4
4 21	12 16.21	+11 46.7	2.187	3.071	10.6	20.6
5 1	12 11.76	+12 6.2	2.265	3.067	13.3	20.8
150536	2000 SG_{77}		3 29.0	308.°83	0.°1/29.0	18
2 21	12 49.59	− 8 41.8	1.580	2.397	16.4	19.5
3 2	12 47.56	− 7 43.7	1.475	2.372	12.9	19.2
3 12	12 43.06	− 6 21.0	1.391	2.346	8.7	18.9
3 22	12 36.59	− 4 37.6	1.331	2.321	3.7	18.5
4 1	12 29.03	− 2 41.5	1.298	2.297	1.6	18.3
4 11	12 21.56	− 0 44.1	1.292	2.272	7.0	18.6
4 21	12 15.30	+ 1 3.0	1.311	2.248	12.1	18.8
5 1	12 11.18	+ 2 30.4	1.352	2.225	16.7	19.0
429112	2009 SE_{192}		3 29.0	182.°20	1.°1/30.2	17
2 21	12 56.44	− 9 16.4	2.331	3.109	13.0	22.7
3 2	12 51.76	− 8 58.0	2.237	3.109	10.2	22.5
3 12	12 45.21	− 8 26.1	2.168	3.110	7.0	22.3
3 22	12 37.30	− 7 42.7	2.125	3.110	3.4	22.0
4 1	12 28.78	− 6 51.9	2.111	3.109	1.3	21.9
4 11	12 20.48	− 5 58.7	2.127	3.107	4.7	22.1
4 21	12 13.18	− 5 8.6	2.172	3.105	8.2	22.3
5 1	12 7.50	− 4 26.1	2.242	3.102	11.4	22.5
331969	2004 XS_{118}		3 29.0	209.°80	3.°7/ 2.2	18
2 21	12 55.43	−17 19.4	2.488	3.226	13.3	21.4
3 2	12 51.02	−17 23.1	2.383	3.220	11.0	21.2
3 12	12 44.76	−17 10.1	2.301	3.214	8.3	21.0
3 22	12 37.14	−16 40.6	2.244	3.207	5.5	20.8
4 1	12 28.84	−15 56.4	2.216	3.200	3.7	20.7
4 11	12 20.70	−15 1.8	2.216	3.193	4.9	20.8
4 21	12 13.46	−14 2.2	2.245	3.185	7.7	20.9
5 1	12 7.78	−13 3.4	2.300	3.176	10.6	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
352000	2006 UL_{210}		3 29.0	138.°39	3.°1/ 2.0	17
	h m	° ′			°	m
2 21	12 52.66	−16 34.4	2.614	3.359	12.6	21.0
3 2	12 48.71	−16 28.7	2.522	3.364	10.3	20.8
3 12	12 43.13	−16 7.2	2.452	3.369	7.6	20.6
3 22	12 36.41	−15 30.7	2.408	3.374	4.9	20.5
4 1	12 29.17	−14 41.8	2.392	3.379	3.1	20.4
4 11	12 22.15	−13 44.9	2.405	3.383	4.4	20.4
4 21	12 16.01	−12 45.0	2.447	3.388	7.0	20.6
5 1	12 11.27	−11 47.5	2.515	3.392	9.7	20.8
327387	2005 UG_{412}		3 29.0	176.°81	4.°1/ 2.9	17
2 21	12 54.31	−19 44.1	2.218	2.953	14.8	20.7
3 2	12 50.33	−19 26.9	2.122	2.955	12.3	20.5
3 12	12 44.37	−18 48.1	2.047	2.956	9.3	20.3
3 22	12 36.98	−17 48.2	1.996	2.957	6.2	20.1
4 1	12 28.93	−16 30.2	1.974	2.958	4.2	20.0
4 11	12 21.14	−15 0.3	1.980	2.957	5.2	20.1
4 21	12 14.41	−13 26.0	2.014	2.957	8.2	20.2
5 1	12 9.41	−11 55.3	2.075	2.956	11.3	20.4
433014	2012 RO_{21}		3 29.0	257.°90	1.°6/30.7	17
2 21	12 54.86	−10 14.9	2.256	3.035	13.4	21.6
3 2	12 50.78	−10 4.2	2.148	3.019	10.6	21.3
3 12	12 44.73	− 9 38.9	2.062	3.002	7.4	21.1
3 22	12 37.17	− 9 0.6	2.002	2.985	3.8	20.8
4 1	12 28.83	− 8 12.5	1.970	2.967	1.7	20.6
4 11	12 20.58	− 7 19.9	1.968	2.949	4.9	20.8
4 21	12 13.26	− 6 28.4	1.994	2.931	8.6	21.0
5 1	12 7.58	− 5 43.4	2.044	2.912	12.0	21.2
47129	1999 CR_{118}		3 29.0	114.°90	0.°3/28.7	18
2 21	12 56.87	− 3 30.1	2.317	3.114	12.5	19.0
3 2	12 51.98	− 3 20.5	2.237	3.124	9.6	18.9
3 12	12 45.28	− 3 2.2	2.181	3.133	6.2	18.7
3 22	12 37.32	− 2 38.0	2.152	3.142	2.6	18.4
4 1	12 28.83	− 2 11.6	2.153	3.151	1.3	18.3
4 11	12 20.64	− 1 47.3	2.183	3.159	5.0	18.6
4 21	12 13.50	− 1 28.8	2.242	3.168	8.4	18.8
5 1	12 7.97	− 1 19.0	2.325	3.176	11.4	19.0
146951	2002 EP_{69}		3 29.0	57.°42	0.°8/29.9	17
2 21	12 52.64	− 8 0.5	2.270	3.062	12.9	20.4
3 2	12 48.80	− 7 42.2	2.193	3.074	10.0	20.2
3 12	12 43.23	− 7 11.3	2.140	3.087	6.7	20.0
3 22	12 36.46	− 6 30.8	2.113	3.099	3.1	19.8
4 1	12 29.19	− 5 44.5	2.114	3.112	1.1	19.7
4 11	12 22.24	− 4 57.7	2.144	3.125	4.6	19.9
4 21	12 16.28	− 4 15.2	2.202	3.138	8.0	20.2
5 1	12 11.87	− 3 41.1	2.285	3.151	11.0	20.4
278741	2008 SM_{94}		3 29.0	95.°38	0.°5/29.5	17
2 21	12 54.06	− 7 35.3	1.990	2.788	14.2	21.1
3 2	12 50.17	− 7 6.4	1.910	2.795	11.1	20.9
3 12	12 44.27	− 6 22.9	1.853	2.803	7.3	20.7
3 22	12 36.94	− 5 28.2	1.821	2.810	3.2	20.5
4 1	12 28.99	− 4 27.4	1.818	2.817	1.2	20.3
4 11	12 21.38	− 3 27.3	1.844	2.824	5.3	20.6
4 21	12 14.91	− 2 33.8	1.896	2.830	9.2	20.9
5 1	12 10.23	− 1 51.7	1.972	2.837	12.6	21.1
26375	1999 DE_{9}		3 29.0	29.°83	0.°1/31.5	17
2 21	12 34.05	− 9 57.2	38.939	39.695	0.9	21.0
3 2	12 33.41	− 9 54.3	38.848	39.705	0.7	21.0
3 12	12 32.69	− 9 50.7	38.783	39.715	0.5	20.9
3 22	12 31.91	− 9 46.5	38.747	39.725	0.3	20.9
4 1	12 31.12	− 9 41.9	38.740	39.734	0.1	20.9
4 11	12 30.34	− 9 37.0	38.764	39.744	0.3	20.9
4 21	12 29.59	− 9 32.0	38.816	39.754	0.5	20.9
5 1	12 28.91	− 9 27.2	38.896	39.764	0.7	21.0
274481	2008 SH_{101}		3 29.0	236.°44	2.°7/26.2	17
2 21	12 55.68	+ 2 24.0	2.242	3.058	12.2	21.5
3 2	12 51.29	+ 3 6.6	2.149	3.048	9.3	21.3
3 12	12 44.98	+ 3 56.0	2.080	3.037	6.1	21.1
3 22	12 37.26	+ 4 47.6	2.038	3.026	3.1	20.9
4 1	12 28.86	+ 5 35.7	2.026	3.014	3.5	20.9
4 11	12 20.65	+ 6 14.8	2.042	3.002	6.7	21.0
4 21	12 13.42	+ 6 40.9	2.086	2.989	10.1	21.2
5 1	12 7.83	+ 6 51.5	2.152	2.976	13.2	21.4
336656	2009 XW_{18}		3 29.0	189.°47	2.°8/25.8	18
2 21	12 54.49	+ 2 23.2	2.241	3.059	12.2	21.2
3 2	12 50.30	+ 3 18.1	2.158	3.059	9.2	21.0
3 12	12 44.27	+ 4 20.1	2.100	3.058	6.0	20.8
3 22	12 36.93	+ 5 23.9	2.070	3.056	3.2	20.6
4 1	12 29.01	+ 6 23.4	2.069	3.055	3.7	20.7
4 11	12 21.35	+ 7 12.7	2.096	3.053	6.8	20.8
4 21	12 14.70	+ 7 48.0	2.150	3.050	10.0	21.0
5 1	12 9.66	+ 8 6.7	2.228	3.047	12.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470125	2006 UW_{15}		3 29.0	227.°23	4.°1/23.1	16
	h m	° ′			°	m
2 21	12 55.42	+11 29.8	3.118	3.931	9.2	22.5
3 2	12 50.54	+12 18.1	3.025	3.917	7.2	22.3
3 12	12 44.22	+13 6.4	2.959	3.903	5.2	22.1
3 22	12 36.87	+13 50.3	2.922	3.888	4.1	22.1
4 1	12 29.04	+14 25.5	2.914	3.872	4.9	22.1
4 11	12 21.35	+14 48.5	2.936	3.855	6.8	22.2
4 21	12 14.38	+14 57.3	2.986	3.838	9.0	22.3
5 1	12 8.62	+14 51.4	3.058	3.821	11.1	22.4
281972	2011 GF_{70}		3 29.0	56.°99	1.°9/31.0	17
2 21	12 52.38	−12 24.7	1.826	2.614	15.7	20.4
3 2	12 49.08	−11 52.2	1.748	2.623	12.4	20.1
3 12	12 43.65	−10 59.6	1.691	2.633	8.6	19.9
3 22	12 36.70	− 9 49.8	1.660	2.643	4.5	19.7
4 1	12 29.11	− 8 28.6	1.656	2.652	1.9	19.5
4 11	12 21.90	− 7 3.9	1.679	2.662	5.3	19.8
4 21	12 15.92	− 5 43.9	1.730	2.673	9.3	20.0
5 1	12 11.84	− 4 35.3	1.804	2.683	12.9	20.3
313013	1999 VB_{139}		3 29.0	43.°06	1.°5/27.9	18
2 21	12 54.99	− 3 10.3	1.385	2.217	17.5	20.7
3 2	12 51.61	− 2 30.8	1.321	2.228	13.4	20.4
3 12	12 45.54	− 1 35.9	1.278	2.238	8.6	20.2
3 22	12 37.54	− 0 31.9	1.258	2.249	3.5	19.9
4 1	12 28.77	+ 0 32.8	1.265	2.261	2.7	19.9
4 11	12 20.56	+ 1 29.0	1.297	2.273	7.6	20.2
4 21	12 13.99	+ 2 10.0	1.353	2.285	12.3	20.5
5 1	12 9.84	+ 2 31.8	1.430	2.298	16.3	20.8
248509	2005 UT_{514}		3 29.1	280.°85	1.°3/27.4	16
2 21	12 51.25	− 2 58.5	2.431	3.239	11.7	21.6
3 2	12 47.86	− 2 4.4	2.321	3.216	9.0	21.4
3 12	12 42.75	− 0 58.7	2.236	3.192	5.8	21.1
3 22	12 36.33	+ 0 14.9	2.178	3.168	2.4	20.9
4 1	12 29.25	+ 1 30.7	2.150	3.144	2.2	20.8
4 11	12 22.25	+ 2 42.5	2.151	3.120	5.7	21.0
4 21	12 16.05	+ 3 44.7	2.180	3.096	9.1	21.2
5 1	12 11.26	+ 4 33.1	2.234	3.072	12.3	21.3
108120	2001 GT_{4}		3 29.1	85.°27	7.°5/23.7	18
2 21	13 6.79	+14 55.6	1.639	2.463	15.6	18.1
3 2	12 59.92	+15 46.6	1.596	2.490	12.3	17.9
3 12	12 50.50	+16 31.7	1.577	2.518	9.2	17.8
3 22	12 39.46	+17 2.6	1.584	2.545	7.5	17.8
4 1	12 28.04	+17 12.6	1.618	2.572	8.4	17.9
4 11	12 17.52	+16 58.7	1.678	2.598	10.9	18.1
4 21	12 8.88	+16 21.9	1.762	2.623	13.8	18.3
5 1	12 2.72	+15 25.3	1.867	2.648	16.5	18.6
189792	2002 EG_{141}		3 29.1	167.°77	3.°5/24.9	17
2 21	12 53.04	+ 2 22.8	2.094	2.919	12.7	20.5
3 2	12 49.30	+ 3 47.4	2.016	2.921	9.6	20.3
3 12	12 43.67	+ 5 20.8	1.964	2.923	6.3	20.1
3 22	12 36.69	+ 6 56.2	1.940	2.925	3.7	19.9
4 1	12 29.13	+ 8 25.5	1.945	2.926	4.5	20.0
4 11	12 21.87	+ 9 41.5	1.978	2.927	7.7	20.2
4 21	12 15.66	+10 39.2	2.037	2.928	10.9	20.4
5 1	12 11.12	+11 16.0	2.119	2.929	13.8	20.6
25526	1999 XV_{115}		3 29.1	48.°11	2.°0/30.5	18
2 21	12 57.79	− 9 10.3	1.486	2.291	17.9	18.9
3 2	12 53.76	− 9 18.9	1.412	2.298	14.1	18.7
3 12	12 46.99	− 9 9.6	1.358	2.305	9.7	18.4
3 22	12 38.19	− 8 44.3	1.328	2.313	4.9	18.2
4 1	12 28.50	− 8 7.5	1.324	2.321	2.1	18.0
4 11	12 19.27	− 7 26.1	1.346	2.329	6.3	18.3
4 21	12 11.64	− 6 47.4	1.393	2.337	10.9	18.5
5 1	12 6.46	− 6 17.8	1.462	2.345	15.0	18.8
206912	2004 PK_{17}		3 29.1	224.°69	1.°6/30.4	17
2 21	12 59.18	− 9 36.1	1.799	2.587	15.9	21.4
3 2	12 54.60	− 9 27.4	1.701	2.578	12.7	21.2
3 12	12 47.49	− 9 1.6	1.624	2.568	8.7	20.9
3 22	12 38.44	− 8 20.3	1.572	2.557	4.4	20.6
4 1	12 28.37	− 7 27.8	1.548	2.546	1.8	20.4
4 11	12 18.48	− 6 30.8	1.553	2.534	5.9	20.6
4 21	12 9.86	− 5 36.4	1.583	2.521	10.4	20.9
5 1	12 3.40	− 4 51.3	1.638	2.508	14.4	21.1
388271	2006 RD_{17}		3 29.1	119.°77	2.°1/25.9	17
2 21	12 52.36	+ 1 9.3	2.927	3.735	9.9	21.8
3 2	12 48.13	+ 2 11.6	2.858	3.754	7.4	21.7
3 12	12 42.58	+ 3 19.5	2.816	3.772	4.8	21.5
3 22	12 36.15	+ 4 28.8	2.803	3.790	2.4	21.4
4 1	12 29.39	+ 5 34.6	2.821	3.808	2.8	21.4
4 11	12 22.89	+ 6 32.5	2.869	3.825	5.2	21.6
4 21	12 17.18	+ 7 19.2	2.945	3.841	7.8	21.8
5 1	12 12.68	+ 7 52.6	3.047	3.857	10.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
388840	2008 EF_{19}		3 29.1	104.°72	1.°1/30.2	17
	h m	° ′			°	m
2 21	12 55.59	− 8 7.8	2.496	3.276	12.2	21.2
3 2	12 50.92	− 8 6.0	2.414	3.287	9.5	21.0
3 12	12 44.56	− 7 53.4	2.356	3.298	6.5	20.8
3 22	12 37.03	− 7 31.8	2.325	3.309	3.1	20.6
4 1	12 29.01	− 7 4.2	2.323	3.320	1.2	20.5
4 11	12 21.27	− 6 34.6	2.351	3.331	4.3	20.8
4 21	12 14.48	− 6 7.0	2.407	3.342	7.5	21.0
5 1	12 9.18	− 5 45.0	2.489	3.352	10.3	21.2
118132	3505 T_{-3}		3 29.1	116.°59	0.°3/28.8	18
2 21	12 59.75	− 5 5.9	1.861	2.661	15.0	20.6
3 2	12 54.54	− 4 37.6	1.792	2.679	11.5	20.4
3 12	12 47.10	− 3 56.3	1.745	2.697	7.5	20.2
3 22	12 38.13	− 3 6.3	1.725	2.715	3.1	20.0
4 1	12 28.58	− 2 13.1	1.734	2.732	1.5	19.9
4 11	12 19.51	− 1 23.4	1.772	2.748	5.9	20.2
4 21	12 11.83	− 0 42.6	1.836	2.763	9.9	20.5
5 1	12 6.18	− 0 14.7	1.924	2.778	13.3	20.7
161226	2002 XC_{63}		3 29.1	86.°47	3.°7/25.7	18
2 21	12 57.14	+ 3 13.4	1.711	2.541	14.8	19.8
3 2	12 52.68	+ 4 13.1	1.652	2.558	11.2	19.6
3 12	12 45.94	+ 5 19.8	1.616	2.575	7.3	19.4
3 22	12 37.65	+ 6 26.4	1.606	2.592	4.1	19.3
4 1	12 28.80	+ 7 24.9	1.624	2.609	4.7	19.3
4 11	12 20.49	+ 8 8.7	1.669	2.625	8.2	19.6
4 21	12 13.62	+ 8 33.8	1.738	2.641	11.8	19.8
5 1	12 8.82	+ 8 39.1	1.830	2.657	15.0	20.1
420	Bertholda		3 29.1	68.°13	2.°2/31.9	18
2 21	12 51.19	−13 26.7	2.607	3.371	12.2	13.9
3 2	12 47.60	−13 13.5	2.515	3.373	9.8	13.7
3 12	12 42.44	−12 46.0	2.445	3.376	7.0	13.5
3 22	12 36.17	−12 5.6	2.402	3.378	4.0	13.3
4 1	12 29.40	−11 15.4	2.388	3.381	2.2	13.2
4 11	12 22.83	−10 19.9	2.402	3.384	4.1	13.3
4 21	12 17.10	− 9 24.0	2.445	3.386	7.0	13.5
5 1	12 12.73	− 8 32.5	2.514	3.389	9.8	13.7
153858	2001 XE_{64}		3 29.1	126.°61	0.°9/28.0	18
2 21	12 56.50	− 3 28.5	2.227	3.028	12.8	20.6
3 2	12 51.73	− 2 46.7	2.154	3.044	9.8	20.4
3 12	12 45.13	− 1 54.4	2.105	3.059	6.3	20.2
3 22	12 37.28	− 0 56.0	2.084	3.074	2.6	20.0
4 1	12 28.95	+ 0 3.1	2.092	3.088	1.8	20.0
4 11	12 20.99	+ 0 57.2	2.130	3.102	5.5	20.2
4 21	12 14.12	+ 1 41.6	2.195	3.115	8.9	20.5
5 1	12 8.90	+ 2 13.1	2.285	3.127	11.9	20.7
190247	2007 EG_{173}		3 29.1	321.°58	0.°6/29.7	17
2 21	12 53.62	− 8 8.3	1.824	2.627	15.2	20.3
3 2	12 50.13	− 7 39.8	1.738	2.625	11.9	20.1
3 12	12 44.42	− 6 54.5	1.674	2.624	7.9	19.9
3 22	12 37.09	− 5 55.9	1.635	2.623	3.6	19.6
4 1	12 29.01	− 4 49.5	1.623	2.621	1.2	19.4
4 11	12 21.21	− 3 42.7	1.639	2.620	5.7	19.7
4 21	12 14.62	− 2 42.6	1.682	2.619	9.9	20.0
5 1	12 9.96	− 1 55.0	1.748	2.618	13.6	20.2
56883	2000 QH_{125}		3 29.1	245.°63	4.°1/ 2.7	18
2 21	12 54.01	−18 17.2	2.490	3.225	13.4	19.6
3 2	12 49.98	−18 30.7	2.386	3.219	11.1	19.4
3 12	12 44.13	−18 27.7	2.304	3.212	8.5	19.2
3 22	12 36.94	−18 7.9	2.247	3.205	5.8	19.0
4 1	12 29.07	−17 32.8	2.217	3.197	4.2	18.9
4 11	12 21.33	−16 46.1	2.216	3.190	5.1	19.0
4 21	12 14.49	−15 53.0	2.243	3.183	7.6	19.1
5 1	12 9.16	−14 59.1	2.295	3.175	10.4	19.3
351927	2006 SO_{411}		3 29.1	217.°66	5.°2/ 4.2	16
2 21	12 56.67	−22 45.3	2.878	3.572	12.6	22.1
3 2	12 51.85	−23 16.3	2.768	3.564	10.8	21.9
3 12	12 45.29	−23 31.7	2.678	3.556	8.7	21.8
3 22	12 37.42	−23 30.1	2.614	3.547	6.6	21.6
4 1	12 28.86	−23 11.9	2.578	3.538	5.3	21.5
4 11	12 20.39	−22 39.3	2.570	3.529	5.6	21.5
4 21	12 12.71	−21 56.3	2.591	3.519	7.3	21.6
5 1	12 6.44	−21 8.2	2.638	3.508	9.6	21.8
127043	2002 GW_{39}		3 29.1	257.°97	2.°8/31.6	18
2 21	12 58.62	−12 12.3	2.281	3.044	13.7	20.1
3 2	12 53.77	−12 29.9	2.167	3.024	11.1	19.9
3 12	12 46.79	−12 34.0	2.074	3.004	8.0	19.6
3 22	12 38.15	−12 24.7	2.008	2.984	4.7	19.4
4 1	12 28.57	−12 3.5	1.971	2.963	2.8	19.2
4 11	12 19.02	−11 34.2	1.962	2.942	5.1	19.3
4 21	12 10.39	−11 1.4	1.982	2.920	8.6	19.5
5 1	12 3.48	−10 30.6	2.028	2.898	12.0	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
134298	2006 DX_{68}		3 29.1	346.°53	6.°9/22.5	18
	h m	° ′			°	m
2 21	12 56.20	+13 2.6	1.790	2.629	13.9	19.6
3 2	12 52.08	+14 8.6	1.723	2.627	11.0	19.4
3 12	12 45.67	+15 13.2	1.678	2.625	8.3	19.2
3 22	12 37.61	+16 8.4	1.659	2.623	6.9	19.1
4 1	12 28.86	+16 46.1	1.667	2.622	8.0	19.2
4 11	12 20.52	+17 1.0	1.700	2.621	10.7	19.3
4 21	12 13.53	+16 51.5	1.756	2.620	13.7	19.5
5 1	12 8.59	+16 18.6	1.832	2.619	16.5	19.7
68168	2001 BN_{30}		3 29.1	106.°31	2.°9/26.1	18
2 21	12 58.20	+ 0 15.6	1.827	2.645	14.5	19.4
3 2	12 53.30	+ 1 33.5	1.770	2.670	10.9	19.3
3 12	12 46.25	+ 3 1.1	1.736	2.694	7.0	19.1
3 22	12 37.78	+ 4 31.0	1.730	2.717	3.5	18.9
4 1	12 28.82	+ 5 54.8	1.752	2.740	4.0	19.0
4 11	12 20.41	+ 7 5.0	1.804	2.762	7.5	19.2
4 21	12 13.39	+ 7 56.5	1.881	2.783	11.1	19.5
5 1	12 8.35	+ 8 27.4	1.981	2.803	14.2	19.7
473057	2015 HU_{88}		3 29.1	230.°43	2.°1/31.9	18
2 21	12 51.44	−14 37.3	2.731	3.486	11.9	21.9
3 2	12 47.79	−14 5.8	2.624	3.477	9.6	21.7
3 12	12 42.60	−13 18.3	2.540	3.468	6.9	21.5
3 22	12 36.27	−12 16.5	2.482	3.458	4.0	21.3
4 1	12 29.41	−11 3.8	2.454	3.448	2.1	21.2
4 11	12 22.70	− 9 45.2	2.457	3.438	4.0	21.3
4 21	12 16.76	− 8 26.4	2.488	3.427	7.0	21.5
5 1	12 12.12	− 7 12.8	2.546	3.416	9.9	21.6
88761	2001 SZ_{65}		3 29.1	246.°47	4.°3/25.2	18
2 21	12 58.40	+ 6 28.0	1.939	2.765	13.5	19.9
3 2	12 53.71	+ 7 12.2	1.852	2.754	10.4	19.7
3 12	12 46.75	+ 8 0.8	1.787	2.743	7.1	19.5
3 22	12 38.10	+ 8 47.5	1.750	2.731	4.5	19.3
4 1	12 28.65	+ 9 25.7	1.740	2.719	5.2	19.3
4 11	12 19.44	+ 9 49.5	1.758	2.707	8.4	19.5
4 21	12 11.43	+ 9 55.5	1.802	2.695	12.0	19.7
5 1	12 5.38	+ 9 42.5	1.867	2.682	15.2	19.8
461427	2001 UW_{225}		3 29.1	90.°92	4.°0/25.6	18
2 21	12 59.58	+ 5 41.7	1.799	2.625	14.4	21.6
3 2	12 54.46	+ 6 22.6	1.737	2.640	10.9	21.4
3 12	12 47.07	+ 7 7.1	1.699	2.656	7.3	21.2
3 22	12 38.15	+ 7 49.1	1.688	2.671	4.3	21.1
4 1	12 28.68	+ 8 22.0	1.704	2.686	4.9	21.1
4 11	12 19.74	+ 8 40.6	1.748	2.701	8.1	21.3
4 21	12 12.24	+ 8 42.4	1.817	2.716	11.6	21.6
5 1	12 6.81	+ 8 26.8	1.908	2.731	14.7	21.8
435977	2009 DB_{93}		3 29.1	232.°04	2.°3/26.4	17
2 21	12 53.72	+ 2 11.4	2.548	3.362	11.0	21.6
3 2	12 49.55	+ 2 49.3	2.457	3.355	8.4	21.4
3 12	12 43.74	+ 3 33.0	2.391	3.348	5.4	21.2
3 22	12 36.75	+ 4 18.5	2.353	3.341	2.7	21.0
4 1	12 29.23	+ 5 1.1	2.344	3.333	3.0	21.0
4 11	12 21.89	+ 5 36.2	2.365	3.325	5.9	21.1
4 21	12 15.40	+ 6 0.3	2.413	3.317	8.9	21.3
5 1	12 10.31	+ 6 11.4	2.485	3.309	11.6	21.5
52323	1992 DP_{9}		3 29.1	127.°03	0.°8/30.2	18
2 21	12 53.80	− 8 56.7	2.860	3.633	11.0	19.9
3 2	12 49.33	− 8 34.1	2.779	3.649	8.6	19.7
3 12	12 43.44	− 8 0.6	2.722	3.664	5.8	19.6
3 22	12 36.58	− 7 18.6	2.693	3.678	2.7	19.4
4 1	12 29.33	− 6 31.4	2.694	3.692	1.0	19.2
4 11	12 22.33	− 5 43.3	2.726	3.705	3.8	19.5
4 21	12 16.16	− 4 58.1	2.787	3.719	6.7	19.7
5 1	12 11.25	− 4 19.4	2.874	3.731	9.3	19.9
164564	2006 KY_{52}		3 29.1	166.°75	2.°0/26.7	17
2 21	12 53.83	+ 0 6.0	2.296	3.110	12.1	20.9
3 2	12 49.76	+ 0 53.7	2.214	3.112	9.2	20.7
3 12	12 43.92	+ 1 49.7	2.157	3.114	5.9	20.5
3 22	12 36.84	+ 2 49.1	2.127	3.116	2.7	20.3
4 1	12 29.21	+ 3 46.6	2.126	3.117	2.8	20.3
4 11	12 21.85	+ 4 36.4	2.155	3.119	6.1	20.5
4 21	12 15.47	+ 5 14.3	2.210	3.120	9.3	20.7
5 1	12 10.63	+ 5 37.7	2.289	3.120	12.2	20.9
420783	2013 GN_{87}		3 29.1	308.°94	5.°1/24.8	16
2 21	12 55.74	+ 4 59.7	1.444	2.289	16.3	20.9
3 2	12 52.31	+ 6 6.0	1.369	2.283	12.5	20.6
3 12	12 46.15	+ 7 20.9	1.317	2.277	8.4	20.4
3 22	12 37.92	+ 8 35.5	1.288	2.272	5.3	20.2
4 1	12 28.75	+ 9 39.8	1.285	2.266	6.4	20.2
4 11	12 19.96	+10 24.7	1.308	2.261	10.3	20.4
4 21	12 12.72	+10 45.2	1.353	2.256	14.5	20.6
5 1	12 7.91	+10 40.1	1.418	2.251	18.2	20.9

275354 2011 AL_{28} 3 29.1 64.°29 3.°4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.92	−13 22.5	1.638	2.418	17.6	20.9
3 2	12 54.24	−13 34.6	1.576	2.443	14.1	20.7
3 12	12 47.08	−13 26.7	1.533	2.467	10.0	20.5
3 22	12 38.19	−13 0.2	1.515	2.492	5.9	20.3
4 1	12 28.68	−12 18.7	1.523	2.516	3.4	20.2
4 11	12 19.74	−11 29.2	1.559	2.540	5.8	20.4
4 21	12 12.37	−10 38.8	1.620	2.565	9.7	20.7
5 1	12 7.28	− 9 54.5	1.705	2.589	13.2	21.0

386303 2008 SF_{29} 3 29.1 219.°55 1.°2/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.46	− 7 44.1	2.240	3.022	13.4	21.1
3 2	12 53.50	− 7 50.1	2.142	3.016	10.5	20.9
3 12	12 46.50	− 7 44.6	2.067	3.010	7.2	20.7
3 22	12 37.99	− 7 29.1	2.018	3.003	3.5	20.4
4 1	12 28.73	− 7 6.6	1.999	2.997	1.4	20.3
4 11	12 19.65	− 6 41.2	2.010	2.990	4.9	20.5
4 21	12 11.59	− 6 17.3	2.048	2.982	8.6	20.7
5 1	12 5.25	− 5 59.1	2.111	2.974	11.9	20.9

406417 2007 TP_{160} 3 29.1 188.°81 0.°6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.67	− 7 20.7	2.199	2.981	13.6	22.0
3 2	12 54.40	− 7 2.0	2.104	2.980	10.6	21.8
3 12	12 47.07	− 6 30.3	2.033	2.979	7.1	21.5
3 22	12 38.22	− 5 48.1	1.989	2.976	3.2	21.3
4 1	12 28.65	− 4 59.6	1.975	2.973	1.1	21.1
4 11	12 19.31	− 4 10.2	1.990	2.969	5.1	21.4
4 21	12 11.06	− 3 25.5	2.034	2.964	8.9	21.6
5 1	12 4.59	− 2 49.9	2.103	2.958	12.3	21.8

436730 2011 UL_{193} 3 29.1 232.°84 2.°8/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.70	−16 41.5	2.739	3.482	12.1	21.5
3 2	12 48.03	−16 18.7	2.630	3.473	9.9	21.3
3 12	12 42.78	−15 39.3	2.544	3.463	7.3	21.2
3 22	12 36.38	−14 44.4	2.484	3.453	4.6	21.0
4 1	12 29.43	−13 36.9	2.453	3.442	2.8	20.8
4 11	12 22.61	−12 21.5	2.452	3.432	4.2	20.9
4 21	12 16.58	−11 3.7	2.480	3.421	6.9	21.1
5 1	12 11.87	− 9 49.2	2.534	3.409	9.7	21.2

174059 2002 CJ_{163} 3 29.1 219.°14 6.°0/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.28	+15 9.8	2.602	3.430	10.4	19.8
3 2	12 48.44	+16 30.9	2.531	3.426	8.3	19.7
3 12	12 43.01	+17 50.1	2.487	3.423	6.6	19.5
3 22	12 36.45	+19 1.2	2.470	3.418	6.0	19.5
4 1	12 29.41	+19 58.1	2.481	3.414	7.0	19.6
4 11	12 22.59	+20 36.6	2.519	3.410	9.0	19.7
4 21	12 16.65	+20 54.7	2.581	3.405	11.1	19.8
5 1	12 12.09	+20 52.6	2.664	3.401	13.1	20.0

236948 2007 TP_{385} 3 29.1 249.°25 1.°2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.06	− 0 32.8	2.261	3.066	12.5	20.9
3 2	12 53.14	− 0 24.6	2.165	3.057	9.6	20.7
3 12	12 46.24	− 0 9.6	2.094	3.048	6.3	20.5
3 22	12 37.88	+ 0 9.3	2.049	3.039	2.6	20.3
4 1	12 28.82	+ 0 28.1	2.034	3.030	2.0	20.2
4 11	12 19.95	+ 0 42.6	2.049	3.021	5.6	20.4
4 21	12 12.08	+ 0 49.4	2.091	3.011	9.2	20.6
5 1	12 5.89	+ 0 46.2	2.157	3.001	12.4	20.8

83591 2001 SA_{248} 3 29.1 91.°24 1.°6/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.81	− 0 29.0	2.280	3.092	12.2	20.0
3 2	12 49.72	+ 0 6.9	2.203	3.100	9.2	19.8
3 12	12 43.88	+ 0 50.7	2.151	3.108	5.9	19.6
3 22	12 36.83	+ 1 38.1	2.127	3.116	2.6	19.4
4 1	12 29.28	+ 2 24.1	2.131	3.124	2.4	19.4
4 11	12 22.03	+ 3 3.6	2.164	3.132	5.7	19.6
4 21	12 15.78	+ 3 32.7	2.224	3.140	9.0	19.8
5 1	12 11.08	+ 3 49.0	2.309	3.148	11.9	20.0

41667 2000 TE_{19} 3 29.1 99.°59 3.°7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.75	+ 2 49.4	1.640	2.467	15.5	19.2
3 2	12 54.74	+ 3 53.1	1.584	2.489	11.7	19.0
3 12	12 47.32	+ 5 4.4	1.551	2.510	7.6	18.8
3 22	12 38.29	+ 6 15.6	1.545	2.531	4.2	18.6
4 1	12 28.70	+ 7 18.3	1.566	2.551	4.8	18.7
4 11	12 19.74	+ 8 5.4	1.614	2.571	8.4	19.0
4 21	12 12.34	+ 8 32.9	1.688	2.590	12.1	19.2
5 1	12 7.17	+ 8 39.7	1.783	2.609	15.4	19.5

237604 2001 PN_{25} 3 29.1 297.°74 1.°6/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.68	− 0 43.9	2.050	2.862	13.4	20.5
3 2	12 52.58	− 0 21.4	1.929	2.825	10.4	20.2
3 12	12 46.21	+ 0 10.7	1.832	2.789	6.8	20.0
3 22	12 38.01	+ 0 49.0	1.761	2.751	3.0	19.6
4 1	12 28.73	+ 1 28.4	1.719	2.714	2.5	19.5
4 11	12 19.36	+ 2 3.0	1.705	2.676	6.7	19.7
4 21	12 10.92	+ 2 27.5	1.718	2.638	10.9	19.9
5 1	12 4.26	+ 2 38.0	1.753	2.600	14.7	20.0

293312 2007 DU_{42} 3 29.1 18.°81 8.°8/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.76	−24 30.1	1.519	2.259	20.4	19.9
3 2	12 51.77	−25 29.1	1.441	2.263	17.6	19.7
3 12	12 45.94	−26 0.3	1.380	2.268	14.5	19.5
3 22	12 37.91	−26 0.0	1.338	2.274	11.3	19.3
4 1	12 28.81	−25 27.5	1.320	2.280	9.1	19.2
4 11	12 20.04	−24 27.7	1.325	2.287	9.2	19.2
4 21	12 12.88	−23 9.7	1.354	2.295	11.4	19.4
5 1	12 8.26	−21 44.9	1.405	2.304	14.5	19.6

204375 2004 TY_{94} 3 29.1 347.°18 0.°8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.64	− 3 16.0	1.324	2.155	18.3	19.5
3 2	12 54.06	− 3 6.4	1.247	2.152	14.2	19.2
3 12	12 47.46	− 2 42.3	1.190	2.149	9.3	19.0
3 22	12 38.56	− 2 7.9	1.156	2.147	3.9	18.6
4 1	12 28.55	− 1 29.8	1.148	2.146	2.1	18.5
4 11	12 18.96	− 0 56.1	1.165	2.144	7.7	18.8
4 21	12 11.08	− 0 33.5	1.205	2.143	12.9	19.1
5 1	12 5.88	− 0 26.7	1.266	2.143	17.3	19.4

377362 2004 RG_{105} 3 29.1 260.°71 2.°6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.75	−14 27.2	2.111	2.878	14.6	21.1
3 2	12 50.17	−14 3.1	1.999	2.859	11.8	20.9
3 12	12 44.50	−13 18.9	1.909	2.841	8.5	20.7
3 22	12 37.22	−12 15.8	1.845	2.822	4.9	20.4
4 1	12 29.09	−10 57.4	1.808	2.803	2.6	20.2
4 11	12 21.06	− 9 30.4	1.801	2.783	5.1	20.3
4 21	12 14.02	− 8 2.5	1.821	2.763	9.0	20.5
5 1	12 8.72	− 6 41.3	1.866	2.742	12.6	20.7

464561 2016 CC_{47} 3 29.1 119.°44 4.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.38	+ 5 29.8	1.635	2.468	15.2	21.4
3 2	12 53.86	+ 6 37.6	1.571	2.478	11.6	21.2
3 12	12 46.88	+ 7 51.2	1.530	2.488	7.8	21.0
3 22	12 38.16	+ 9 2.6	1.515	2.497	5.0	20.8
4 1	12 28.77	+10 2.9	1.527	2.506	5.9	20.9
4 11	12 19.89	+10 44.9	1.566	2.515	9.3	21.1
4 21	12 12.52	+11 5.1	1.629	2.523	13.0	21.3
5 1	12 7.36	+11 2.6	1.713	2.531	16.2	21.6

366536 2002 QV_{77} 3 29.1 229.°42 1.°5/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.04	− 2 17.2	2.074	2.881	13.4	22.8
3 2	12 52.60	− 1 32.8	1.975	2.869	10.3	22.5
3 12	12 46.03	− 0 36.6	1.900	2.856	6.7	22.3
3 22	12 37.85	+ 0 27.0	1.852	2.842	2.8	22.0
4 1	12 28.87	+ 1 32.0	1.833	2.828	2.4	21.9
4 11	12 20.05	+ 2 31.6	1.843	2.813	6.4	22.2
4 21	12 12.29	+ 3 19.9	1.880	2.797	10.3	22.4
5 1	12 6.32	+ 3 53.0	1.941	2.781	13.8	22.6

310186 2011 SE_{81} 3 29.1 237.°83 1.°4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.50	− 8 47.6	2.452	3.231	12.4	20.8
3 2	12 51.06	− 8 50.8	2.355	3.226	9.8	20.6
3 12	12 44.84	− 8 42.6	2.280	3.222	6.7	20.4
3 22	12 37.30	− 8 24.6	2.233	3.217	3.4	20.2
4 1	12 29.14	− 7 59.4	2.215	3.212	1.5	20.1
4 11	12 21.15	− 7 30.9	2.226	3.207	4.4	20.3
4 21	12 14.05	− 7 3.2	2.265	3.202	7.8	20.5
5 1	12 8.47	− 6 40.5	2.330	3.196	10.8	20.6

54602 2000 RB_{15} 3 29.1 323.°02 5.°9/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.95	−20 35.7	2.056	2.792	15.8	18.8
3 2	12 50.47	−21 12.2	1.954	2.782	13.4	18.6
3 12	12 44.78	−21 29.1	1.872	2.772	10.6	18.3
3 22	12 37.38	−21 24.8	1.813	2.762	7.8	18.2
4 1	12 29.09	−20 59.6	1.780	2.752	6.0	18.0
4 11	12 20.90	−20 16.9	1.774	2.743	6.6	18.0
4 21	12 13.79	−19 22.7	1.793	2.734	9.2	18.2
5 1	12 8.53	−18 24.4	1.837	2.726	12.2	18.3

2934 Aristophanes 3 29.1 261.°43 0.°9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.17	− 9 38.1	2.431	3.215	12.4	16.8
3 2	12 47.76	− 9 4.5	2.334	3.210	9.7	16.6
3 12	12 42.67	− 8 16.8	2.261	3.206	6.6	16.4
3 22	12 36.38	− 7 17.4	2.215	3.201	3.1	16.2
4 1	12 29.54	− 6 10.7	2.198	3.196	1.1	16.0
4 11	12 22.87	− 5 2.3	2.210	3.191	4.4	16.2
4 21	12 17.07	− 3 57.8	2.250	3.186	7.8	16.4
5 1	12 12.70	− 3 2.2	2.316	3.181	10.9	16.6

119398 2001 TV_{46} 3 29.1 107.°27 1.°0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.62	− 8 36.7	1.981	2.769	14.6	19.9
3 2	12 52.88	− 8 19.0	1.908	2.786	11.4	19.7
3 12	12 46.07	− 7 46.8	1.857	2.802	7.7	19.5
3 22	12 37.81	− 7 2.7	1.832	2.818	3.6	19.3
4 1	12 28.98	− 6 11.6	1.836	2.834	1.3	19.2
4 11	12 20.56	− 5 19.6	1.868	2.849	5.1	19.5
4 21	12 13.38	− 4 32.3	1.928	2.864	9.0	19.7
5 1	12 8.08	− 3 54.7	2.012	2.878	12.3	20.0

497045 2003 SQ_{281} 3 29.1 215.°80 1.°7/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.38	−11 7.3	2.421	3.191	12.8	22.2
3 2	12 51.03	−10 57.0	2.320	3.185	10.2	22.0
3 12	12 44.86	−10 32.6	2.241	3.178	7.1	21.8
3 22	12 37.33	− 9 55.8	2.189	3.170	3.8	21.6
4 1	12 29.15	− 9 9.5	2.166	3.162	1.8	21.4
4 11	12 21.13	− 8 18.7	2.173	3.154	4.5	21.6
4 21	12 14.01	− 7 28.5	2.208	3.145	7.9	21.8
5 1	12 8.43	− 6 43.8	2.268	3.136	11.0	21.9

52451 1994 VU 3 29.1 122.°25 6.°2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.09	+11 59.3	1.847	2.674	14.0	19.0
3 2	12 55.66	+12 53.2	1.785	2.684	10.9	18.8
3 12	12 47.92	+13 45.7	1.747	2.694	8.0	18.6
3 22	12 38.59	+14 29.2	1.735	2.703	6.2	18.5
4 1	12 28.68	+14 56.8	1.751	2.712	7.2	18.6
4 11	12 19.30	+15 4.1	1.793	2.721	9.8	18.8
4 21	12 11.36	+14 49.8	1.860	2.729	12.8	19.0
5 1	12 5.54	+14 15.1	1.948	2.737	15.6	19.2

86140 1999 RA_{183} 3 29.1 205.°19 2.°4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.87	−11 0.2	2.578	3.337	12.4	18.4
3 2	12 53.57	−11 28.6	2.479	3.336	9.9	18.2
3 12	12 46.46	−11 46.4	2.405	3.335	7.1	18.0
3 22	12 38.00	−11 53.7	2.357	3.333	4.1	17.8
4 1	12 28.89	−11 51.8	2.340	3.332	2.4	17.7
4 11	12 19.94	−11 43.6	2.352	3.330	4.4	17.9
4 21	12 11.89	−11 32.4	2.393	3.329	7.4	18.0
5 1	12 5.36	−11 22.1	2.460	3.327	10.3	18.2

139478 2001 OP_{104} 3 29.1 4.°85 3.°1/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 48.68	−17 14.9	1.904	2.674	15.8	19.6
3 2	12 46.34	−16 35.0	1.815	2.674	12.9	19.4
3 12	12 41.97	−15 30.5	1.747	2.675	9.4	19.2
3 22	12 36.15	−14 3.6	1.703	2.676	5.7	18.9
4 1	12 29.66	−12 19.6	1.686	2.678	3.1	18.8
4 11	12 23.46	−10 27.1	1.697	2.681	5.1	18.9
4 21	12 18.38	− 8 35.6	1.735	2.684	8.8	19.1
5 1	12 15.07	− 6 53.9	1.798	2.687	12.4	19.4

501607 2014 QL_{382} 3 29.1 234.°39 0.°3/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.05	− 6 18.7	1.818	2.620	15.2	22.5
3 2	12 52.95	− 5 36.9	1.719	2.608	11.9	22.3
3 12	12 46.46	− 4 38.1	1.642	2.595	7.8	22.0
3 22	12 38.12	− 3 26.2	1.592	2.581	3.3	21.7
4 1	12 28.83	− 2 7.5	1.569	2.567	1.6	21.5
4 11	12 19.70	− 0 50.4	1.575	2.552	6.4	21.8
4 21	12 11.78	+ 0 17.2	1.607	2.536	10.9	22.0
5 1	12 5.90	+ 1 9.4	1.663	2.520	14.9	22.2

506729 2006 UN_{274} 3 29.1 166.°76 0.°5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.97	− 8 26.1	2.729	3.510	11.2	23.0
3 2	12 48.12	− 7 47.5	2.638	3.514	8.7	22.8
3 12	12 42.78	− 6 56.9	2.571	3.516	5.8	22.6
3 22	12 36.41	− 5 57.0	2.532	3.519	2.6	22.4
4 1	12 29.57	− 4 52.0	2.523	3.521	0.9	22.3
4 11	12 22.94	− 3 46.8	2.544	3.523	4.1	22.5
4 21	12 17.11	− 2 46.4	2.594	3.525	7.2	22.7
5 1	12 12.56	− 1 54.6	2.670	3.526	9.9	22.9

89427 2001 WC_{39} 3 29.1 245.°40 7.°5/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.28	+14 37.6	1.897	2.732	13.3	19.1
3 2	12 52.15	+16 3.6	1.826	2.726	10.7	19.0
3 12	12 45.77	+17 28.2	1.779	2.719	8.4	18.8
3 22	12 37.76	+18 42.6	1.757	2.712	7.5	18.7
4 1	12 29.02	+19 38.1	1.763	2.704	8.8	18.8
4 11	12 20.61	+20 9.0	1.793	2.697	11.3	18.9
4 21	12 13.46	+20 13.1	1.847	2.690	14.1	19.1
5 1	12 8.28	+19 51.4	1.920	2.682	16.7	19.3

467667 2008 UY_{98} 3 29.1 253.°40 0.°4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.39	− 5 27.1	2.327	3.113	12.8	21.9
3 2	12 54.29	− 5 26.1	2.214	3.093	10.1	21.6
3 12	12 47.12	− 5 15.2	2.125	3.072	6.7	21.4
3 22	12 38.37	− 4 56.1	2.063	3.051	3.0	21.1
4 1	12 28.74	− 4 32.0	2.031	3.029	1.1	20.9
4 11	12 19.17	− 4 7.1	2.028	3.006	5.1	21.2
4 21	12 10.50	− 3 45.6	2.054	2.984	8.9	21.3
5 1	12 3.50	− 3 31.4	2.106	2.960	12.3	21.5

102586 1999 UR_{49} 3 29.1 173.°20 1.°1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.39	− 4 27.5	1.728	2.535	15.7	21.5
3 2	12 54.68	− 3 39.2	1.647	2.539	12.1	21.2
3 12	12 47.50	− 2 35.6	1.587	2.542	7.9	21.0
3 22	12 38.51	− 1 21.6	1.554	2.544	3.2	20.7
4 1	12 28.72	− 0 4.9	1.549	2.546	2.2	20.6
4 11	12 19.29	+ 1 6.1	1.573	2.546	6.8	20.9
4 21	12 11.26	+ 2 4.4	1.623	2.546	11.2	21.2
5 1	12 5.40	+ 2 45.2	1.695	2.545	15.0	21.4

170895 2004 TL_{343} 3 29.1 188.°73 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.49	− 8 56.1	1.772	2.566	15.9	21.0
3 2	12 53.24	− 8 27.3	1.684	2.566	12.5	20.7
3 12	12 46.59	− 7 40.4	1.618	2.565	8.4	20.5
3 22	12 38.15	− 6 38.6	1.577	2.564	3.9	20.2
4 1	12 28.87	− 5 27.6	1.564	2.562	1.3	20.0
4 11	12 19.88	− 4 15.2	1.579	2.559	5.9	20.3
4 21	12 12.20	− 3 9.3	1.620	2.556	10.3	20.5
5 1	12 6.62	− 2 16.1	1.685	2.553	14.2	20.8

104546 2000 GS_{60} 3 29.1 312.°09 0.°4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.50	− 7 27.5	1.529	2.347	16.8	20.0
3 2	12 49.90	− 7 1.7	1.434	2.330	13.3	19.7
3 12	12 44.70	− 6 16.4	1.359	2.314	8.9	19.4
3 22	12 37.46	− 5 14.9	1.308	2.298	4.0	19.1
4 1	12 29.12	− 4 3.5	1.283	2.282	1.4	18.8
4 11	12 20.95	− 2 51.1	1.284	2.266	6.7	19.1
4 21	12 14.10	− 1 46.7	1.310	2.251	11.7	19.4
5 1	12 9.51	− 0 57.7	1.357	2.237	16.2	19.6

254701 2005 MA_{42} 3 29.1 294.°73 1.°4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.54	−10 33.1	2.197	2.983	13.5	20.6
3 2	12 48.30	−10 8.2	2.095	2.971	10.7	20.3
3 12	12 43.19	− 9 27.2	2.015	2.958	7.4	20.1
3 22	12 36.68	− 8 32.3	1.962	2.946	3.7	19.9
4 1	12 29.47	− 7 27.7	1.936	2.934	1.5	19.7
4 11	12 22.41	− 6 19.5	1.939	2.921	4.8	19.9
4 21	12 16.28	− 5 13.9	1.970	2.909	8.5	20.1
5 1	12 11.74	− 4 16.8	2.025	2.897	11.9	20.3

64351 2001 UU_{83} 3 29.1 163.°19 3.°6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.82	−15 32.1	1.558	2.338	18.3	19.1
3 2	12 52.34	−15 19.8	1.473	2.340	14.9	18.8
3 12	12 46.19	−14 42.2	1.408	2.341	10.8	18.6
3 22	12 38.03	−13 40.3	1.366	2.342	6.5	18.3
4 1	12 28.93	−12 18.9	1.350	2.343	3.6	18.1
4 11	12 20.16	−10 46.8	1.361	2.344	6.2	18.3
4 21	12 12.89	− 9 14.5	1.397	2.344	10.6	18.5
5 1	12 7.98	− 7 51.7	1.456	2.345	14.8	18.8

419222 2009 UV_{152} 3 29.1 49.°10 4.°1/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.72	+ 5 40.6	1.764	2.594	14.4	21.1
3 2	12 53.26	+ 6 18.7	1.693	2.599	11.0	20.9
3 12	12 46.48	+ 7 1.0	1.646	2.603	7.4	20.7
3 22	12 38.05	+ 7 41.3	1.624	2.608	4.4	20.5
4 1	12 28.95	+ 8 13.0	1.629	2.612	5.0	20.6
4 11	12 20.27	+ 8 30.3	1.662	2.617	8.3	20.8
4 21	12 12.96	+ 8 30.5	1.719	2.622	11.9	21.0
5 1	12 7.72	+ 8 12.7	1.798	2.627	15.2	21.2

89902 2002 CA_{306} 3 29.1 303.°20 3.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.44	+ 3 48.3	2.296	3.120	11.7	19.5
3 2	12 48.80	+ 4 35.4	2.209	3.112	8.9	19.3
3 12	12 43.40	+ 5 28.3	2.147	3.105	5.9	19.1
3 22	12 36.73	+ 6 21.8	2.112	3.097	3.3	18.9
4 1	12 29.47	+ 7 10.4	2.105	3.089	3.9	18.9
4 11	12 22.42	+ 7 48.8	2.127	3.082	6.8	19.1
4 21	12 16.30	+ 8 13.4	2.175	3.075	9.9	19.3
5 1	12 11.70	+ 8 22.2	2.246	3.068	12.8	19.4

169953 2002 TY_{79} 3 29.1 219.°87 2.°8/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.88	+ 4 24.7	2.834	3.645	10.1	21.5
3 2	12 50.33	+ 5 11.6	2.738	3.634	7.7	21.3
3 12	12 44.25	+ 6 3.0	2.668	3.623	5.1	21.2
3 22	12 37.06	+ 6 54.6	2.627	3.611	3.0	21.0
4 1	12 29.35	+ 7 41.9	2.617	3.598	3.5	21.0
4 11	12 21.78	+ 8 20.6	2.636	3.585	6.0	21.1
4 21	12 14.98	+ 8 47.4	2.683	3.572	8.7	21.3
5 1	12 9.46	+ 9 0.7	2.754	3.557	11.2	21.4

377621 2005 SY_{154} 3 29.1 232.°51 0.°4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.57	− 9 27.2	2.058	2.849	14.1	22.2
3 2	12 49.97	− 8 29.5	1.958	2.839	11.1	22.0
3 12	12 44.34	− 7 12.9	1.881	2.829	7.4	21.8
3 22	12 37.18	− 5 41.2	1.830	2.818	3.3	21.5
4 1	12 29.28	− 4 0.7	1.809	2.807	1.2	21.3
4 11	12 21.57	− 2 19.7	1.817	2.796	5.5	21.6
4 21	12 14.89	− 0 46.4	1.853	2.784	9.6	21.8
5 1	12 9.95	+ 0 32.6	1.913	2.772	13.2	22.0

95504 2002 EC_{45} 3 29.1 169.°32 2.°4/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.95	−12 3.2	2.054	2.829	14.6	20.2
3 2	12 51.76	−12 1.4	1.964	2.830	11.7	20.0
3 12	12 45.47	−11 43.2	1.896	2.831	8.3	19.8
3 22	12 37.65	−11 10.2	1.853	2.832	4.6	19.6
4 1	12 29.11	−10 25.5	1.838	2.833	2.4	19.4
4 11	12 20.82	− 9 34.7	1.852	2.834	5.0	19.6
4 21	12 13.65	− 8 43.8	1.893	2.834	8.7	19.8
5 1	12 8.29	− 7 58.7	1.958	2.834	12.1	20.1

37259 2000 XF_4 3 29.1 164.°39 3.°6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.19	−17 48.4	2.805	3.535	12.2	19.7
3 2	12 49.89	−17 57.6	2.708	3.538	10.0	19.6
3 12	12 43.99	−17 52.1	2.633	3.541	7.6	19.4
3 22	12 36.96	−17 32.1	2.585	3.543	5.1	19.2
4 1	12 29.40	−16 59.2	2.564	3.546	3.6	19.1
4 11	12 22.01	−16 16.9	2.573	3.547	4.5	19.2
4 21	12 15.43	−15 29.6	2.611	3.549	6.8	19.3
5 1	12 10.20	−14 42.0	2.675	3.551	9.3	19.5

140133 2001 ST_{146} 3 29.1 281.°25 0.°3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.23	− 6 44.9	2.201	2.998	13.1	20.5
3 2	12 49.59	− 6 22.4	2.099	2.984	10.2	20.2
3 12	12 44.04	− 5 47.0	2.021	2.971	6.8	20.0
3 22	12 37.06	− 5 1.3	1.969	2.957	3.0	19.7
4 1	12 29.35	− 4 9.6	1.945	2.944	1.1	19.6
4 11	12 21.78	− 3 17.5	1.950	2.930	5.1	19.8
4 21	12 15.15	− 2 30.5	1.983	2.916	8.9	20.0
5 1	12 10.14	− 1 53.4	2.039	2.902	12.3	20.2

92846 2000 QW_{195} 3 29.1 52.°76 4.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.51	+ 1 25.1	1.309	2.156	17.5	18.3
3 2	12 51.41	+ 2 49.2	1.251	2.167	13.2	18.0
3 12	12 45.55	+ 4 25.9	1.215	2.178	8.6	17.8
3 22	12 37.72	+ 6 5.3	1.203	2.190	4.7	17.6
4 1	12 29.12	+ 7 35.3	1.216	2.202	5.7	17.7
4 11	12 21.13	+ 8 45.5	1.254	2.215	9.9	18.0
4 21	12 14.86	+ 9 29.9	1.316	2.227	14.2	18.2
5 1	12 11.04	+ 9 46.7	1.396	2.240	17.9	18.5

343130 2009 EU_{29} 3 29.1 50.°83 1.°2/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.06	+ 0 0.6	2.035	2.845	13.5	20.0
3 2	12 53.91	− 0 0.5	1.964	2.858	10.4	19.8
3 12	12 46.72	+ 0 4.8	1.917	2.872	6.7	19.6
3 22	12 38.11	+ 0 13.2	1.896	2.886	2.8	19.4
4 1	12 28.96	+ 0 20.9	1.904	2.900	2.0	19.3
4 11	12 20.22	+ 0 24.1	1.941	2.914	5.8	19.6
4 21	12 12.72	+ 0 19.9	2.005	2.929	9.4	19.9
5 1	12 7.07	+ 0 6.2	2.093	2.943	12.5	20.1

410077 2007 DK_3 3 29.1 33.°36 6.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.66	+ 6 57.5	1.378	2.231	16.4	20.1
3 2	12 50.60	+ 8 19.1	1.326	2.243	12.5	19.9
3 12	12 44.92	+ 9 45.4	1.296	2.256	8.6	19.7
3 22	12 37.42	+11 6.3	1.290	2.269	6.2	19.6
4 1	12 29.25	+12 11.2	1.309	2.284	7.4	19.7
4 11	12 21.70	+12 52.5	1.353	2.299	10.8	19.9
4 21	12 15.77	+13 6.8	1.419	2.314	14.5	20.2
5 1	12 12.18	+12 54.8	1.504	2.330	17.7	20.5

433396 2013 TP_{14} 3 29.1 191.°82 2.°1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.67	+ 0 52.2	2.258	3.069	12.3	22.1
3 2	12 52.03	+ 1 31.9	2.172	3.068	9.4	21.9
3 12	12 45.51	+ 2 19.0	2.110	3.066	6.1	21.7
3 22	12 37.63	+ 3 9.2	2.075	3.064	2.9	21.5
4 1	12 29.14	+ 3 57.1	2.070	3.061	3.0	21.5
4 11	12 20.90	+ 4 37.2	2.094	3.058	6.2	21.7
4 21	12 13.67	+ 5 5.6	2.145	3.054	9.6	21.9
5 1	12 8.09	+ 5 19.9	2.220	3.050	12.6	22.1

415039 2011 YN_{45} 3 29.1 339.°99 1.°6/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.27	− 3 14.5	1.318	2.158	17.8	20.7
3 2	12 49.96	− 2 34.6	1.239	2.150	13.7	20.4
3 12	12 44.83	− 1 37.2	1.180	2.142	8.9	20.1
3 22	12 37.52	− 0 28.1	1.144	2.135	3.7	19.8
4 1	12 29.16	+ 0 43.8	1.133	2.129	2.9	19.7
4 11	12 21.13	+ 1 48.0	1.147	2.124	8.2	20.0
4 21	12 14.68	+ 2 36.2	1.184	2.120	13.3	20.3
5 1	12 10.73	+ 3 2.9	1.241	2.116	17.7	20.5

141931 2002 PN_{92} 3 29.1 178.°74 2.°1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.92	−11 1.4	1.977	2.754	15.1	20.6
3 2	12 54.13	−11 1.8	1.887	2.755	12.0	20.4
3 12	12 47.08	−10 46.3	1.818	2.756	8.4	20.2
3 22	12 38.37	−10 16.3	1.776	2.757	4.5	19.9
4 1	12 28.86	− 9 35.0	1.761	2.757	2.2	19.8
4 11	12 19.61	− 8 48.0	1.775	2.756	5.3	20.0
4 21	12 11.57	− 8 1.5	1.816	2.755	9.2	20.2
5 1	12 5.49	− 7 21.3	1.882	2.754	12.7	20.4

433551 2013 XA_5 3 29.1 142.°13 4.°7/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.21	−21 15.0	2.571	3.281	13.6	21.8
3 2	12 52.33	−21 27.0	2.481	3.293	11.4	21.7
3 12	12 45.65	−21 21.0	2.413	3.305	8.9	21.5
3 22	12 37.68	−20 56.8	2.369	3.315	6.4	21.4
4 1	12 29.16	−20 15.8	2.354	3.326	4.8	21.3
4 11	12 20.88	−19 22.1	2.367	3.335	5.3	21.3
4 21	12 13.59	−18 20.9	2.409	3.344	7.4	21.5
5 1	12 7.87	−17 18.4	2.477	3.353	9.9	21.6

239873 2000 JO_{67} 3 29.1 220.°07 4.°2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.17	+ 8 33.0	2.661	3.483	10.3	20.9
3 2	12 49.14	+ 9 43.7	2.575	3.475	8.0	20.7
3 12	12 43.53	+10 57.2	2.516	3.467	5.6	20.6
3 22	12 36.79	+12 8.0	2.485	3.458	4.3	20.5
4 1	12 29.53	+13 10.3	2.484	3.448	5.1	20.5
4 11	12 22.44	+13 59.1	2.511	3.439	7.4	20.6
4 21	12 16.17	+14 31.5	2.565	3.428	9.9	20.8
5 1	12 11.25	+14 46.2	2.641	3.418	12.3	20.9

23478 1991 BZ 3 29.1 110.°05 2.°7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.89	−14 28.9	2.358	3.111	13.6	18.8
3 2	12 52.07	−14 23.2	2.280	3.131	10.9	18.7
3 12	12 45.44	−14 1.6	2.226	3.151	7.9	18.5
3 22	12 37.58	−13 25.4	2.197	3.170	4.7	18.3
4 1	12 29.23	−12 37.8	2.197	3.188	2.7	18.2
4 11	12 21.22	−11 43.8	2.227	3.207	4.5	18.4
4 21	12 14.28	−10 48.8	2.285	3.224	7.5	18.6
5 1	12 8.95	− 9 58.1	2.369	3.241	10.4	18.8

76754 2000 JQ_{83} 3 29.1 229.°36 4.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.56	+ 9 28.9	2.342	3.166	11.5	19.4
3 2	12 51.14	+10 19.9	2.261	3.161	8.9	19.2
3 12	12 44.91	+11 12.2	2.205	3.156	6.3	19.0
3 22	12 37.39	+12 0.1	2.177	3.150	4.7	18.9
4 1	12 29.30	+12 38.1	2.177	3.145	5.5	18.9
4 11	12 21.46	+13 1.5	2.205	3.139	7.9	19.1
4 21	12 14.60	+13 7.9	2.259	3.133	10.7	19.2
5 1	12 9.32	+12 56.7	2.336	3.127	13.3	19.4

399710 2004 TL_{370} 3 29.1 196.°16 1.°4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.57	− 2 19.7	1.891	2.698	14.5	22.4
3 2	12 54.69	− 1 43.3	1.803	2.696	11.2	22.1
3 12	12 47.49	− 0 55.0	1.737	2.693	7.3	21.9
3 22	12 38.57	+ 0 0.4	1.699	2.689	3.0	21.6
4 1	12 28.83	+ 0 56.9	1.689	2.684	2.4	21.5
4 11	12 19.36	+ 1 47.6	1.707	2.679	6.6	21.8
4 21	12 11.15	+ 2 26.8	1.753	2.673	10.7	22.0
5 1	12 4.95	+ 2 50.7	1.822	2.666	14.3	22.2

284366 2006 SM_{154} 3 29.1 136.°63 1.°9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.78	+ 2 15.6	3.107	3.912	9.5	21.8
3 2	12 49.23	+ 2 56.9	3.033	3.926	7.1	21.7
3 12	12 43.39	+ 3 42.7	2.985	3.939	4.6	21.6
3 22	12 36.68	+ 4 29.1	2.966	3.953	2.3	21.4
4 1	12 29.63	+ 5 12.5	2.978	3.965	2.6	21.4
4 11	12 22.82	+ 5 49.2	3.020	3.977	4.9	21.6
4 21	12 16.76	+ 6 16.5	3.091	3.989	7.4	21.8
5 1	12 11.86	+ 6 32.9	3.187	4.000	9.6	22.0

208414 2001 SO_{274} 3 29.1 58.°12 0.°1/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.89	− 5 41.7	2.081	2.883	13.5	20.8
3 2	12 50.00	− 5 18.5	2.006	2.895	10.4	20.6
3 12	12 44.21	− 4 43.4	1.955	2.907	6.8	20.4
3 22	12 37.10	− 3 59.6	1.930	2.919	2.9	20.2
4 1	12 29.45	− 3 12.2	1.933	2.931	1.2	20.0
4 11	12 22.15	− 2 26.5	1.964	2.943	5.1	20.3
4 21	12 15.93	− 1 47.7	2.023	2.955	8.8	20.6
5 1	12 11.41	− 1 19.6	2.106	2.968	12.0	20.8

236865 2007 RA_{211} 3 29.1 222.°58 0.°9/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.41	− 8 14.7	2.136	2.927	13.6	21.3
3 2	12 50.49	− 7 58.2	2.045	2.925	10.7	21.1
3 12	12 44.61	− 7 27.9	1.977	2.924	7.2	20.8
3 22	12 37.31	− 6 46.3	1.936	2.922	3.4	20.6
4 1	12 29.35	− 5 57.6	1.922	2.920	1.2	20.4
4 11	12 21.62	− 5 7.4	1.938	2.919	4.9	20.7
4 21	12 14.92	− 4 21.1	1.980	2.917	8.7	20.9
5 1	12 9.91	− 3 43.6	2.047	2.915	12.0	21.1

196623 2003 RX_5 3 29.1 129.°78 4.°1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.55	+ 5 56.5	2.309	3.134	11.6	19.9
3 2	12 49.54	+ 7 21.2	2.242	3.145	8.8	19.7
3 12	12 43.81	+ 8 50.4	2.200	3.155	6.0	19.6
3 22	12 36.91	+10 17.5	2.187	3.165	4.2	19.5
4 1	12 29.54	+11 35.5	2.203	3.174	5.1	19.5
4 11	12 22.48	+12 38.5	2.248	3.184	7.7	19.7
4 21	12 16.41	+13 23.0	2.319	3.193	10.5	19.9
5 1	12 11.87	+13 47.7	2.412	3.201	13.0	20.1

98389 2000 TP_{58} 3 29.1 90.°12 2.°2/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.30	− 1 15.7	1.536	2.361	16.5	19.8
3 2	12 53.93	− 0 26.8	1.473	2.376	12.5	19.6
3 12	12 47.02	+ 0 34.4	1.433	2.392	8.0	19.3
3 22	12 38.34	+ 1 41.2	1.417	2.407	3.5	19.1
4 1	12 28.98	+ 2 45.6	1.429	2.422	3.3	19.1
4 11	12 20.18	+ 3 39.2	1.467	2.437	7.6	19.4
4 21	12 12.97	+ 4 16.5	1.531	2.452	11.9	19.7
5 1	12 8.06	+ 4 34.5	1.616	2.466	15.6	20.0

361141 2006 HQ_{65} 3 29.1 253.°41 4.°0/25.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.84	+ 4 30.6	1.729	2.555	14.9	21.8
3 2	12 55.24	+ 5 14.3	1.637	2.540	11.5	21.5
3 12	12 48.06	+ 6 5.0	1.567	2.525	7.7	21.2
3 22	12 38.89	+ 6 56.4	1.524	2.509	4.4	21.0
4 1	12 28.70	+ 7 40.9	1.508	2.493	5.0	21.0
4 11	12 18.70	+ 8 11.3	1.519	2.476	8.8	21.2
4 21	12 10.03	+ 8 23.1	1.556	2.459	12.9	21.4
5 1	12 3.57	+ 8 14.5	1.613	2.442	16.6	21.6

268333 2005 SD_{99} 3 29.1 122.°70 1.°9/31.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.78	−11 25.0	2.190	2.961	14.0	22.0
3 2	12 52.89	−11 13.0	2.112	2.977	11.1	21.8
3 12	12 46.06	−10 45.7	2.056	2.993	7.7	21.6
3 22	12 37.88	−10 5.3	2.027	3.008	4.1	21.4
4 1	12 29.15	− 9 15.4	2.027	3.022	1.9	21.3
4 11	12 20.78	− 8 21.7	2.056	3.037	4.7	21.5
4 21	12 13.54	− 7 29.7	2.113	3.050	8.2	21.7
5 1	12 8.04	− 6 44.5	2.195	3.063	11.3	21.9

345701 2006 UZ_{331} 3 29.1 108.°03 0.°4/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.48	− 6 9.2	2.420	3.217	12.0	21.8
3 2	12 47.93	− 5 15.4	2.338	3.225	9.2	21.6
3 12	12 42.76	− 4 9.2	2.281	3.233	6.0	21.4
3 22	12 36.47	− 2 54.8	2.251	3.241	2.5	21.2
4 1	12 29.72	− 1 37.4	2.251	3.249	1.3	21.1
4 11	12 23.22	− 0 23.1	2.281	3.256	4.8	21.4
4 21	12 17.63	+ 0 42.6	2.339	3.264	8.1	21.6
5 1	12 13.45	+ 1 35.8	2.421	3.271	11.0	21.8

212717 2007 RH_{118} 3 29.1 37.°18 0.°7/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.72	− 2 37.4	1.362	2.189	18.1	19.8
3 2	12 55.50	− 2 35.9	1.292	2.195	14.0	19.6
3 12	12 48.33	− 2 21.8	1.243	2.201	9.1	19.3
3 22	12 38.98	− 1 59.2	1.217	2.208	3.8	19.0
4 1	12 28.70	− 1 34.1	1.217	2.215	2.0	18.9
4 11	12 18.93	− 1 13.3	1.243	2.222	7.3	19.2
4 21	12 10.93	− 1 2.2	1.293	2.230	12.3	19.5
5 1	12 5.57	− 1 4.8	1.364	2.238	16.5	19.8

291952 2006 QL_{42} 3 29.1 201.°11 1.°3/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.13	− 2 23.6	2.062	2.866	13.6	22.3
3 2	12 53.41	− 1 47.5	1.971	2.862	10.4	22.1
3 12	12 46.57	− 1 0.5	1.903	2.858	6.8	21.9
3 22	12 38.16	− 0 6.7	1.863	2.853	2.8	21.6
4 1	12 29.03	+ 0 48.1	1.852	2.847	2.2	21.6
4 11	12 20.12	+ 1 37.8	1.870	2.841	6.1	21.8
4 21	12 12.34	+ 2 17.2	1.915	2.834	10.0	22.0
5 1	12 6.38	+ 2 42.5	1.984	2.827	13.4	22.2

82150 2001 FM_{162} 3 29.1 277.°64 1.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.33	− 2 52.9	1.764	2.579	15.1	19.7
3 2	12 53.40	− 2 26.2	1.658	2.555	11.8	19.5
3 12	12 46.94	− 1 46.2	1.574	2.531	7.8	19.2
3 22	12 38.47	− 0 56.8	1.516	2.506	3.3	18.8
4 1	12 28.87	− 0 3.8	1.485	2.481	2.2	18.7
4 11	12 19.30	+ 0 45.3	1.481	2.456	7.0	18.9
4 21	12 10.90	+ 1 23.9	1.503	2.430	11.6	19.1
5 1	12 4.59	+ 1 47.2	1.548	2.405	15.8	19.3

8881 Prialnik 3 29.1 107.°65 0.°9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.90	− 4 12.1	1.936	2.747	14.1	18.3
3 2	12 50.22	− 3 27.3	1.855	2.750	10.8	18.1
3 12	12 44.48	− 2 29.2	1.798	2.754	7.0	17.9
3 22	12 37.27	− 1 22.6	1.766	2.757	2.9	17.6
4 1	12 29.41	− 0 13.8	1.763	2.760	1.9	17.6
4 11	12 21.86	+ 0 50.0	1.789	2.763	6.0	17.8
4 21	12 15.46	+ 1 42.9	1.840	2.766	9.9	18.1
5 1	12 10.87	+ 2 20.6	1.915	2.769	13.3	18.3

178472 1999 RA_{166} 3 29.1 248.°36 1.°2/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.21	− 2 5.8	2.711	3.514	10.7	20.9
3 2	12 48.43	− 1 23.2	2.609	3.501	8.2	20.7
3 12	12 43.11	− 0 31.7	2.532	3.487	5.3	20.5
3 22	12 36.66	+ 0 25.2	2.483	3.473	2.2	20.2
4 1	12 29.67	+ 1 22.9	2.464	3.458	1.9	20.2
4 11	12 22.79	+ 2 16.5	2.475	3.443	5.0	20.4
4 21	12 16.67	+ 3 1.9	2.513	3.428	8.1	20.5
5 1	12 11.82	+ 3 35.8	2.577	3.413	10.9	20.7

105949 2000 SE_{242} 3 29.1 288.°00 0.°4/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.00	− 3 30.1	2.325	3.122	12.5	19.9
3 2	12 52.57	− 3 19.6	2.203	3.089	9.7	19.7
3 12	12 46.11	− 2 59.7	2.105	3.057	6.5	19.4
3 22	12 38.05	− 2 32.6	2.035	3.024	2.7	19.1
4 1	12 29.07	− 2 2.2	1.993	2.991	1.4	19.0
4 11	12 20.05	− 1 32.9	1.981	2.957	5.4	19.2
4 21	12 11.85	− 1 9.3	1.997	2.923	9.3	19.3
5 1	12 5.24	− 0 55.1	2.037	2.888	12.7	19.5

251720 1997 SE_{32} 3 29.1 140.°83 0.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.45	− 8 4.9	2.101	2.888	14.0	22.1
3 2	12 52.75	− 7 43.6	2.020	2.898	10.9	21.9
3 12	12 46.05	− 7 8.5	1.961	2.907	7.3	21.7
3 22	12 37.92	− 6 22.3	1.929	2.916	3.4	21.5
4 1	12 29.18	− 5 29.6	1.926	2.924	1.1	21.3
4 11	12 20.78	− 4 36.3	1.952	2.932	5.0	21.6
4 21	12 13.51	− 3 48.0	2.006	2.940	8.8	21.9
5 1	12 8.03	− 3 9.4	2.085	2.946	12.1	22.1

161534 2004 TZ_{359} 3 29.1 263.°94 3.°7/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.53	−14 6.2	1.634	2.414	17.6	20.2
3 2	12 53.83	−14 13.9	1.531	2.397	14.4	19.9
3 12	12 47.38	−14 0.1	1.447	2.381	10.5	19.7
3 22	12 38.72	−13 24.6	1.387	2.363	6.3	19.4
4 1	12 28.80	−12 29.8	1.353	2.346	3.7	19.2
4 11	12 18.95	−11 22.3	1.346	2.328	6.4	19.3
4 21	12 10.42	−10 11.1	1.364	2.310	11.0	19.5
5 1	12 4.23	− 9 5.3	1.404	2.291	15.3	19.7

421141 2013 RY_{17} 3 29.1 220.°72 2.°2/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.94	−11 45.2	1.954	2.734	15.1	21.5
3 2	12 51.94	−11 36.4	1.860	2.730	12.1	21.3
3 12	12 45.73	−11 10.2	1.788	2.726	8.5	21.0
3 22	12 37.87	−10 28.2	1.741	2.722	4.6	20.8
4 1	12 29.20	− 9 34.0	1.721	2.717	2.2	20.6
4 11	12 20.75	− 8 33.9	1.730	2.712	5.2	20.8
4 21	12 13.44	− 7 34.6	1.765	2.707	9.2	21.0
5 1	12 8.03	− 6 42.6	1.825	2.701	12.9	21.2

410170 2007 PZ_{28} 3 29.1 260.°57 4.°6/31.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 10.44	−11 39.5	1.758	2.518	17.3	21.2
3 2	13 3.96	−12 50.8	1.643	2.497	14.3	21.0
3 12	12 54.24	−13 51.6	1.550	2.476	10.6	20.7
3 22	12 41.76	−14 38.8	1.483	2.454	6.7	20.4
4 1	12 27.55	−15 10.7	1.444	2.432	4.6	20.2
4 11	12 13.10	−15 28.1	1.434	2.409	7.2	20.3
4 21	11 59.95	−15 34.9	1.453	2.385	11.5	20.5
5 1	11 49.38	−15 36.9	1.495	2.361	15.8	20.7

377902 2006 DR_{117} 3 29.1 223.°03 0.°8/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.81	− 2 31.9	2.005	2.813	13.8	20.8
3 2	12 52.42	− 2 16.3	1.919	2.812	10.6	20.6
3 12	12 45.94	− 1 51.0	1.857	2.812	6.9	20.4
3 22	12 37.92	− 1 19.4	1.821	2.811	2.9	20.1
4 1	12 29.20	− 0 46.2	1.814	2.811	1.8	20.1
4 11	12 20.76	− 0 16.8	1.835	2.810	5.8	20.3
4 21	12 13.46	+ 0 4.5	1.882	2.809	9.7	20.6
5 1	12 8.00	+ 0 14.4	1.954	2.809	13.1	20.8

107070 2001 AH_{16} 3 29.1 22.°74 3.°8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.16	−13 31.9	1.282	2.089	20.1	19.0
3 2	12 51.49	−13 43.4	1.212	2.094	16.3	18.8
3 12	12 45.87	−13 30.0	1.160	2.101	11.7	18.5
3 22	12 38.02	−12 52.4	1.129	2.108	6.9	18.3
4 1	12 29.17	−11 55.2	1.122	2.116	3.8	18.1
4 11	12 20.79	−10 47.6	1.140	2.125	6.8	18.3
4 21	12 14.16	− 9 39.7	1.181	2.135	11.5	18.6
5 1	12 10.17	− 8 41.1	1.244	2.145	15.9	18.9

269986 2000 UD_{59} 3 29.1 173.°22 1.°1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.73	− 1 7.2	2.404	3.200	12.1	21.7
3 2	12 54.26	− 0 52.2	2.316	3.203	9.3	21.5
3 12	12 46.94	− 0 30.0	2.253	3.206	6.0	21.3
3 22	12 38.30	− 0 3.8	2.219	3.208	2.5	21.0
4 1	12 29.07	+ 0 22.5	2.214	3.209	1.8	21.0
4 11	12 20.10	+ 0 44.7	2.239	3.210	5.3	21.2
4 21	12 12.15	+ 0 59.4	2.293	3.211	8.7	21.4
5 1	12 5.81	+ 1 4.2	2.372	3.210	11.6	21.6

72014 2000 XD_{12} 3 29.1 88.°02 0.°4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.98	− 3 36.3	1.541	2.355	16.9	19.9
3 2	12 56.13	− 3 30.7	1.470	2.365	13.1	19.7
3 12	12 48.58	− 3 12.7	1.420	2.375	8.6	19.4
3 22	12 39.08	− 2 45.8	1.395	2.385	3.6	19.2
4 1	12 28.77	− 2 15.6	1.397	2.395	1.7	19.0
4 11	12 18.95	− 1 48.5	1.426	2.404	6.7	19.4
4 21	12 10.76	− 1 29.9	1.480	2.414	11.3	19.7
5 1	12 4.99	− 1 23.7	1.557	2.424	15.2	19.9

143556 2003 ED_{40} 3 29.1 82.°13 1.°1/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.64	− 2 57.8	2.300	3.108	12.2	20.6
3 2	12 48.87	− 2 12.8	2.225	3.119	9.3	20.4
3 12	12 43.41	− 1 17.9	2.175	3.131	6.0	20.2
3 22	12 36.79	− 0 17.4	2.152	3.143	2.5	20.0
4 1	12 29.70	+ 0 43.4	2.159	3.154	1.9	20.0
4 11	12 22.91	+ 1 38.8	2.194	3.166	5.3	20.2
4 21	12 17.10	+ 2 24.3	2.257	3.177	8.6	20.5
5 1	12 12.78	+ 2 56.8	2.343	3.188	11.5	20.7

425996 2011 HS_{100} 3 29.1 273.°31 2.°9/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.84	+ 1 49.7	2.022	2.847	13.1	21.3
3 2	12 50.18	+ 2 42.6	1.934	2.838	10.0	21.0
3 12	12 44.51	+ 3 44.2	1.870	2.829	6.5	20.8
3 22	12 37.34	+ 4 48.8	1.833	2.820	3.4	20.6
4 1	12 29.46	+ 5 49.8	1.824	2.811	3.8	20.6
4 11	12 21.80	+ 6 40.5	1.842	2.803	7.2	20.8
4 21	12 15.21	+ 7 16.2	1.887	2.794	10.8	21.0
5 1	12 10.35	+ 7 34.1	1.954	2.785	14.0	21.2

391730 2008 CV_{146} 3 29.1 52.°78 1.°4/30.7 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 52.75	−10 8.1	2.231	3.015	13.3	21.7
3 2	12 49.08	− 9 52.4	2.150	3.024	10.5	21.5
3 12	12 43.62	− 9 22.4	2.091	3.033	7.2	21.3
3 22	12 36.90	− 8 40.5	2.059	3.043	3.6	21.1
4 1	12 29.65	− 7 50.7	2.055	3.052	1.5	21.0
4 11	12 22.68	− 6 58.2	2.080	3.062	4.5	21.2
4 21	12 16.71	− 6 8.6	2.132	3.072	8.0	21.4
5 1	12 12.32	− 5 26.4	2.209	3.082	11.1	21.7

386193 2007 VO_{154} 3 29.1 67.°06 2.°5/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.48	−12 59.8	2.141	2.912	14.2	21.3
3 2	12 50.48	−12 56.9	2.063	2.926	11.4	21.1
3 12	12 44.57	−12 37.8	2.006	2.939	8.1	20.9
3 22	12 37.31	−12 4.1	1.975	2.952	4.6	20.7
4 1	12 29.49	−11 19.2	1.972	2.965	2.5	20.6
4 11	12 21.99	−10 28.3	1.997	2.979	4.7	20.8
4 21	12 15.59	− 9 37.2	2.050	2.992	8.1	21.0
5 1	12 10.88	− 8 51.4	2.127	3.006	11.2	21.2

110757 2001 UA_{16} 3 29.1 226.°94 2.°1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.78	− 0 52.6	1.904	2.714	14.3	21.1
3 2	12 54.98	− 0 8.1	1.806	2.701	11.1	20.8
3 12	12 47.81	+ 0 47.9	1.732	2.688	7.2	20.6
3 22	12 38.80	+ 1 50.5	1.684	2.673	3.2	20.3
4 1	12 28.86	+ 2 53.1	1.665	2.658	3.0	20.2
4 11	12 19.08	+ 3 48.1	1.675	2.642	7.2	20.5
4 21	12 10.49	+ 4 29.8	1.711	2.625	11.3	20.7
5 1	12 3.90	+ 4 54.4	1.771	2.607	15.0	20.9

115222 2003 SK_{142} 3 29.2 333.°79 11.°1/ 6.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.69	−26 35.0	1.355	2.095	22.4	18.7
3 2	12 51.64	−27 55.1	1.266	2.084	19.8	18.5
3 12	12 46.38	−28 45.9	1.193	2.074	16.8	18.3
3 22	12 38.44	−29 0.7	1.138	2.064	13.7	18.0
4 1	12 28.96	−28 35.6	1.103	2.056	11.5	17.9
4 11	12 19.58	−27 33.5	1.091	2.048	11.4	17.8
4 21	12 11.88	−26 3.6	1.099	2.041	13.5	17.9
5 1	12 7.10	−24 19.8	1.129	2.035	16.7	18.1

313764 2003 WY_{128} 3 29.2 62.°45 0.°2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.74	− 5 41.4	1.450	2.266	17.7	20.8
3 2	12 54.48	− 5 29.1	1.386	2.282	13.7	20.6
3 12	12 47.52	− 5 1.1	1.343	2.297	9.0	20.4
3 22	12 38.63	− 4 21.4	1.324	2.313	3.9	20.1
4 1	12 28.99	− 3 36.3	1.331	2.329	1.5	20.0
4 11	12 19.94	− 2 53.4	1.365	2.345	6.6	20.3
4 21	12 12.56	− 2 19.2	1.423	2.362	11.2	20.6
5 1	12 7.62	− 1 58.6	1.504	2.378	15.2	20.9

252635 2001 XM_{219} 3 29.2 214.°10 3.°4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.53	−17 25.2	2.675	3.412	12.5	20.5
3 2	12 49.54	−17 22.6	2.571	3.407	10.3	20.4
3 12	12 43.90	−17 4.2	2.489	3.401	7.8	20.2
3 22	12 37.04	−16 30.3	2.433	3.396	5.1	20.0
4 1	12 29.60	−15 42.9	2.405	3.390	3.4	19.9
4 11	12 22.30	−14 46.2	2.406	3.384	4.5	19.9
4 21	12 15.82	−13 45.2	2.436	3.377	7.1	20.1
5 1	12 10.73	−12 45.4	2.493	3.370	9.8	20.3

345695 2006 UT_{188} 3 29.2 95.°27 6.°0/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.42	−29 45.4	2.645	3.302	14.4	20.6
3 2	12 49.45	−29 31.1	2.557	3.320	12.5	20.5
3 12	12 43.78	−28 53.6	2.489	3.338	10.3	20.4
3 22	12 36.95	−27 52.5	2.444	3.355	8.1	20.2
4 1	12 29.67	−26 29.7	2.426	3.372	6.4	20.2
4 11	12 22.72	−24 50.2	2.435	3.389	6.2	20.2
4 21	12 16.78	−23 0.8	2.474	3.406	7.4	20.3
5 1	12 12.37	−21 9.0	2.540	3.422	9.5	20.4

228365 2000 VB_{56} 3 29.2 92.°45 5.°2/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.56	−20 53.3	2.002	2.736	16.3	20.6
3 2	12 51.57	−21 0.2	1.921	2.749	13.6	20.4
3 12	12 45.42	−20 44.6	1.859	2.762	10.5	20.2
3 22	12 37.72	−20 6.3	1.821	2.774	7.4	20.1
4 1	12 29.35	−19 7.5	1.809	2.787	5.3	19.9
4 11	12 21.33	−17 54.3	1.825	2.799	6.0	20.0
4 21	12 14.54	−16 34.2	1.868	2.811	8.7	20.2
5 1	12 9.66	−15 15.3	1.936	2.823	11.7	20.4

41027 1999 UP_{44} 3 29.2 173.°17 0.°6/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.62	− 5 27.7	2.336	3.133	12.4	20.3
3 2	12 49.68	− 4 33.6	2.248	3.135	9.5	20.1
3 12	12 44.00	− 3 26.9	2.185	3.137	6.2	19.9
3 22	12 37.08	− 2 11.6	2.149	3.139	2.5	19.6
4 1	12 29.61	− 0 53.4	2.143	3.140	1.5	19.5
4 11	12 22.38	+ 0 21.2	2.167	3.141	5.2	19.8
4 21	12 16.09	+ 1 26.7	2.219	3.141	8.7	20.0
5 1	12 11.32	+ 2 18.9	2.295	3.141	11.7	20.2

210317 2007 TM_{217} 3 29.2 59.°84 0.°6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.50	− 7 10.9	2.169	2.963	13.4	20.5
3 2	12 50.51	− 6 57.9	2.083	2.965	10.4	20.3
3 12	12 44.62	− 6 32.4	2.020	2.968	7.0	20.1
3 22	12 37.37	− 5 57.0	1.983	2.971	3.2	19.9
4 1	12 29.50	− 5 15.9	1.975	2.973	1.1	19.7
4 11	12 21.89	− 4 34.0	1.995	2.976	4.9	20.0
4 21	12 15.31	− 3 56.5	2.043	2.979	8.5	20.2
5 1	12 10.38	− 3 27.5	2.115	2.981	11.8	20.4

328346 2008 KX_{15} 3 29.2 47.°06 1.°0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.77	− 6 42.2	1.551	2.372	16.5	19.9
3 2	12 49.02	− 5 25.5	1.481	2.382	12.7	19.7
3 12	12 43.91	− 3 48.7	1.434	2.392	8.2	19.4
3 22	12 37.11	− 1 58.7	1.411	2.402	3.3	19.2
4 1	12 29.62	− 0 5.7	1.416	2.413	2.2	19.1
4 11	12 22.58	+ 1 39.4	1.448	2.424	7.0	19.4
4 21	12 16.93	+ 3 7.5	1.505	2.435	11.5	19.7
5 1	12 13.37	+ 4 13.0	1.585	2.446	15.3	20.0

10992 Veryuslaviya 3 29.2 186.°11 0.°1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.68	− 6 49.4	2.146	2.936	13.6	20.0
3 2	12 52.99	− 6 8.2	2.054	2.936	10.6	19.8
3 12	12 46.28	− 5 12.8	1.986	2.935	7.0	19.5
3 22	12 38.09	− 4 6.5	1.945	2.934	3.0	19.3
4 1	12 29.22	− 2 55.1	1.934	2.931	1.2	19.1
4 11	12 20.59	− 1 45.0	1.952	2.928	5.4	19.4
4 21	12 13.04	− 0 42.7	1.998	2.924	9.2	19.6
5 1	12 7.25	+ 0 7.2	2.069	2.920	12.6	19.9

145304 2005 KZ_9 3 29.2 287.°65 9.°6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.57	−28 0.0	1.739	2.443	19.4	19.7
3 2	12 52.54	−28 52.4	1.630	2.424	17.2	19.5
3 12	12 46.70	−29 18.3	1.538	2.403	14.6	19.3
3 22	12 38.52	−29 12.4	1.466	2.383	11.9	19.0
4 1	12 28.97	−28 31.8	1.416	2.363	10.0	18.9
4 11	12 19.39	−27 19.2	1.390	2.343	9.9	18.8
4 21	12 11.10	−25 42.0	1.389	2.323	11.8	18.9
5 1	12 5.22	−23 52.0	1.410	2.303	14.9	19.0

200618 2001 SG_{67} 3 29.2 176.°95 0.°8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.50	− 4 21.7	1.921	2.721	14.6	21.7
3 2	12 54.59	− 3 41.7	1.835	2.724	11.3	21.5
3 12	12 47.42	− 2 48.2	1.773	2.726	7.3	21.3
3 22	12 38.60	− 1 45.6	1.738	2.728	3.0	21.0
4 1	12 29.03	− 0 40.2	1.731	2.728	1.9	20.9
4 11	12 19.78	+ 0 21.0	1.754	2.728	6.2	21.2
4 21	12 11.77	+ 1 11.7	1.803	2.727	10.3	21.4
5 1	12 5.74	+ 1 47.6	1.877	2.724	13.8	21.6

305515 2008 FF_4 3 29.2 321.°38 1.°4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.45	− 8 52.7	2.383	3.165	12.6	20.9
3 2	12 50.37	− 8 53.9	2.289	3.163	10.0	20.7
3 12	12 44.50	− 8 43.4	2.218	3.160	6.9	20.5
3 22	12 37.33	− 8 22.7	2.174	3.157	3.5	20.3
4 1	12 29.55	− 7 54.7	2.158	3.155	1.5	20.2
4 11	12 21.95	− 7 23.5	2.171	3.153	4.4	20.4
4 21	12 15.26	− 6 53.6	2.212	3.151	7.8	20.6
5 1	12 10.10	− 6 28.9	2.279	3.148	10.9	20.8

203415 2001 XR_{192} 3 29.2 99.°39 1.°0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.82	− 8 52.4	1.635	2.429	17.0	21.2
3 2	12 55.74	− 8 29.4	1.572	2.453	13.3	21.0
3 12	12 48.17	− 7 48.7	1.529	2.476	8.9	20.8
3 22	12 38.88	− 6 53.9	1.511	2.498	4.1	20.6
4 1	12 28.97	− 5 51.3	1.522	2.520	1.4	20.4
4 11	12 19.65	− 4 48.7	1.560	2.541	5.9	20.8
4 21	12 11.91	− 3 53.3	1.624	2.561	10.2	21.1
5 1	12 6.46	− 3 10.6	1.712	2.581	13.9	21.3

10769 Minas Gerais 3 29.2 218.°99 0.°9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.97	− 3 49.6	2.510	3.312	11.5	18.0
3 2	12 48.35	− 3 0.0	2.417	3.308	8.8	17.8
3 12	12 43.11	− 1 59.6	2.349	3.303	5.7	17.6
3 22	12 36.72	− 0 52.4	2.309	3.299	2.3	17.4
4 1	12 29.80	+ 0 16.6	2.298	3.294	1.7	17.3
4 11	12 23.06	+ 1 21.7	2.317	3.288	5.1	17.5
4 21	12 17.15	+ 2 18.0	2.363	3.283	8.3	17.7
5 1	12 12.62	+ 3 1.9	2.435	3.277	11.2	17.9

501413 2013 YN_{124} 3 29.2 81.°92 3.°3/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.31	+ 4 21.0	2.237	3.060	12.0	21.5
3 2	12 50.17	+ 5 12.4	2.171	3.073	9.1	21.3
3 12	12 44.27	+ 6 8.4	2.130	3.087	6.0	21.2
3 22	12 37.19	+ 7 3.6	2.116	3.100	3.5	21.0
4 1	12 29.65	+ 7 52.2	2.131	3.114	4.1	21.1
4 11	12 22.46	+ 8 29.3	2.175	3.127	6.9	21.3
4 21	12 16.31	+ 8 51.7	2.244	3.140	9.8	21.5
5 1	12 11.74	+ 8 58.2	2.337	3.153	12.5	21.7

108957 2001 PC_{31} 3 29.2 156.°30 6.°5/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.32	−24 47.5	2.050	2.758	16.7	20.5
3 2	12 52.28	−25 1.4	1.958	2.762	14.3	20.3
3 12	12 45.99	−24 50.9	1.885	2.766	11.5	20.1
3 22	12 38.03	−24 14.4	1.834	2.770	8.7	19.9
4 1	12 29.29	−23 13.2	1.809	2.773	6.7	19.8
4 11	12 20.81	−21 52.4	1.811	2.776	6.9	19.8
4 21	12 13.55	−20 19.8	1.840	2.779	9.1	20.0
5 1	12 8.25	−18 44.7	1.894	2.781	12.0	20.1

286092 2001 TR_{31} 3 29.2 145.°45 1.°4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.58	− 8 42.9	1.737	2.526	16.4	21.4
3 2	12 56.42	− 8 40.3	1.657	2.534	12.9	21.2
3 12	12 48.73	− 8 21.8	1.598	2.543	8.8	20.9
3 22	12 39.20	− 7 49.6	1.565	2.550	4.3	20.7
4 1	12 28.84	− 7 7.9	1.560	2.557	1.6	20.5
4 11	12 18.88	− 6 23.1	1.583	2.564	5.8	20.8
4 21	12 10.37	− 5 41.9	1.632	2.570	10.1	21.1
5 1	12 4.10	− 5 9.8	1.705	2.575	13.9	21.3

333134 2011 WY_{123} 3 29.2 47.°82 4.°0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.91	+ 2 35.3	1.380	2.222	17.0	21.0
3 2	12 53.26	+ 3 30.3	1.317	2.229	13.0	20.8
3 12	12 46.83	+ 4 35.0	1.275	2.236	8.5	20.6
3 22	12 38.41	+ 5 41.3	1.256	2.244	4.6	20.3
4 1	12 29.17	+ 6 39.7	1.264	2.252	5.1	20.4
4 11	12 20.47	+ 7 21.7	1.297	2.260	9.3	20.7
4 21	12 13.46	+ 7 42.4	1.353	2.268	13.6	20.9
5 1	12 8.92	+ 7 40.2	1.429	2.277	17.4	21.2

127199 2002 HL_2 3 29.2 63.°83 2.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.25	− 2 1.6	1.763	2.587	14.7	19.6
3 2	12 49.85	− 0 54.0	1.696	2.599	11.1	19.4
3 12	12 44.30	+ 0 26.4	1.651	2.611	7.1	19.2
3 22	12 37.26	+ 1 52.9	1.633	2.623	3.1	19.0
4 1	12 29.63	+ 3 17.2	1.643	2.635	3.2	19.0
4 11	12 22.41	+ 4 31.1	1.680	2.648	7.1	19.3
4 21	12 16.46	+ 5 28.6	1.743	2.660	10.9	19.5
5 1	12 12.40	+ 6 6.2	1.828	2.672	14.3	19.8

358052 2006 HV_{19} 3 29.2 297.°19 2.°0/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.63	− 0 32.1	1.420	2.251	17.2	21.2
3 2	12 54.93	− 0 16.5	1.329	2.235	13.4	20.9
3 12	12 48.25	+ 0 10.6	1.259	2.219	8.8	20.6
3 22	12 39.17	+ 0 44.7	1.212	2.203	3.8	20.3
4 1	12 28.81	+ 1 18.9	1.191	2.187	3.1	20.2
4 11	12 18.62	+ 1 45.5	1.196	2.171	8.2	20.4
4 21	12 9.96	+ 1 58.3	1.224	2.156	13.4	20.7
5 1	12 3.89	+ 1 53.6	1.274	2.141	17.9	20.9

274523 2008 SK_{189} 3 29.2 263.°83 0.°9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.28	− 8 20.9	2.088	2.879	13.9	21.5
3 2	12 51.38	− 8 4.0	1.983	2.863	11.0	21.3
3 12	12 45.40	− 7 32.5	1.901	2.847	7.5	21.0
3 22	12 37.81	− 6 48.5	1.845	2.831	3.5	20.7
4 1	12 29.38	− 5 56.2	1.816	2.815	1.2	20.5
4 11	12 21.06	− 5 1.4	1.817	2.798	5.2	20.8
4 21	12 13.74	− 4 10.1	1.845	2.781	9.2	21.0
5 1	12 8.16	− 3 27.8	1.897	2.764	12.9	21.2

204663 2006 CM_{62} 3 29.2 3.°69 7.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.97	+ 9 48.3	0.983	1.850	20.3	18.7
3 2	12 55.91	+10 3.7	0.925	1.848	15.9	18.4
3 12	12 49.11	+10 17.9	0.885	1.847	11.1	18.2
3 22	12 39.52	+10 21.3	0.866	1.849	7.4	18.0
4 1	12 28.74	+10 4.9	0.869	1.852	8.0	18.0
4 11	12 18.72	+ 9 23.5	0.893	1.857	12.3	18.2
4 21	12 11.03	+ 8 17.4	0.938	1.863	17.0	18.5
5 1	12 6.67	+ 6 50.0	1.000	1.871	21.3	18.8

419790 2010 VX_{208} 3 29.2 235.°41 1.°1/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.61	− 2 11.6	1.881	2.689	14.6	21.4
3 2	12 54.88	− 1 53.3	1.786	2.679	11.3	21.2
3 12	12 47.76	− 1 24.4	1.714	2.668	7.4	20.9
3 22	12 38.83	− 0 48.7	1.668	2.658	3.1	20.6
4 1	12 28.99	− 0 11.2	1.650	2.647	2.1	20.5
4 11	12 19.33	+ 0 22.0	1.661	2.635	6.4	20.8
4 21	12 10.89	+ 0 45.9	1.698	2.623	10.7	21.0
5 1	12 4.48	+ 0 56.7	1.759	2.611	14.4	21.2

368179 2000 QM_{163} 3 29.2 152.°95 1.°4/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.69	−11 16.8	2.416	3.184	12.9	21.7
3 2	12 51.22	−10 47.2	2.328	3.193	10.2	21.5
3 12	12 44.99	−10 2.7	2.264	3.202	7.0	21.3
3 22	12 37.53	− 9 5.7	2.227	3.209	3.6	21.1
4 1	12 29.53	− 8 0.4	2.219	3.216	1.5	21.0
4 11	12 21.81	− 6 52.3	2.242	3.223	4.4	21.2
4 21	12 15.06	− 5 47.2	2.293	3.229	7.7	21.4
5 1	12 9.84	− 4 50.1	2.370	3.234	10.7	21.6

402987 2007 VX_{85} 3 29.2 183.°06 1.°2/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.44	− 8 32.6	1.953	2.736	15.0	22.2
3 2	12 55.37	− 8 26.9	1.862	2.737	11.8	22.0
3 12	12 47.99	− 8 6.6	1.794	2.737	8.1	21.7
3 22	12 38.89	− 7 33.8	1.752	2.737	3.9	21.5
4 1	12 28.98	− 6 52.3	1.738	2.736	1.5	21.3
4 11	12 19.33	− 6 8.0	1.754	2.734	5.4	21.5
4 21	12 10.91	− 5 26.8	1.796	2.732	9.5	21.8
5 1	12 4.49	− 4 53.8	1.863	2.729	13.1	22.0

162020 1995 DK_7 3 29.2 175.°66 0.°5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.02	− 4 2.2	2.234	3.036	12.8	20.4
3 2	12 50.86	− 3 37.4	2.147	3.036	9.8	20.2
3 12	12 44.85	− 3 2.2	2.084	3.037	6.4	20.0
3 22	12 37.50	− 2 19.9	2.048	3.037	2.7	19.8
4 1	12 29.54	− 1 35.1	2.040	3.038	1.4	19.7
4 11	12 21.83	− 0 52.9	2.062	3.038	5.2	19.9
4 21	12 15.12	− 0 18.1	2.111	3.038	8.8	20.1
5 1	12 10.02	+ 0 5.9	2.184	3.037	11.9	20.3

73084 2002 GX_{16} 3 29.2 306.°85 1.°1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.66	− 3 54.2	1.408	2.238	17.4	19.2
3 2	12 51.84	− 3 24.3	1.318	2.223	13.6	18.9
3 12	12 46.19	− 2 37.2	1.248	2.208	8.9	18.6
3 22	12 38.29	− 1 37.6	1.202	2.193	3.7	18.3
4 1	12 29.20	− 0 33.0	1.182	2.179	2.3	18.1
4 11	12 20.30	+ 0 27.0	1.187	2.165	7.8	18.4
4 21	12 12.87	+ 1 14.0	1.215	2.151	13.0	18.6
5 1	12 7.92	+ 1 42.1	1.264	2.138	17.5	18.9

177657 2005 CN_{21} 3 29.2 58.°26 0.°1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.60	− 5 23.7	1.395	2.215	18.1	20.2
3 2	12 54.52	− 5 10.6	1.330	2.228	14.0	20.0
3 12	12 47.64	− 4 41.5	1.287	2.242	9.2	19.7
3 22	12 38.76	− 4 0.6	1.267	2.256	3.9	19.4
4 1	12 29.08	− 3 14.4	1.272	2.271	1.5	19.3
4 11	12 19.98	− 2 31.0	1.304	2.285	6.8	19.7
4 21	12 12.61	− 1 57.0	1.361	2.300	11.6	20.0
5 1	12 7.74	− 1 37.4	1.439	2.315	15.7	20.3

405364 2003 WR_{124} 3 29.2 56.°81 2.°0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.54	− 0 33.0	1.415	2.245	17.4	20.3
3 2	12 55.12	− 0 10.2	1.356	2.261	13.3	20.1
3 12	12 47.95	+ 0 23.5	1.318	2.277	8.5	19.9
3 22	12 38.87	+ 1 2.3	1.303	2.294	3.7	19.6
4 1	12 29.07	+ 1 39.0	1.315	2.310	3.0	19.6
4 11	12 19.91	+ 2 6.7	1.354	2.328	7.6	19.9
4 21	12 12.48	+ 2 20.5	1.416	2.345	12.1	20.2
5 1	12 7.53	+ 2 18.0	1.500	2.362	15.9	20.5

498653 2008 SJ_{90} 3 29.2 167.°30 0.°8/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.46	− 8 7.4	2.443	3.223	12.4	22.3
3 2	12 51.81	− 7 53.1	2.353	3.227	9.7	22.1
3 12	12 45.40	− 7 26.8	2.287	3.230	6.6	21.9
3 22	12 37.73	− 6 51.0	2.248	3.233	3.1	21.7
4 1	12 29.49	− 6 9.0	2.238	3.236	1.1	21.6
4 11	12 21.48	− 5 25.6	2.258	3.238	4.4	21.8
4 21	12 14.42	− 4 45.3	2.306	3.239	7.8	22.0
5 1	12 8.87	− 4 12.3	2.380	3.241	10.8	22.2

315173 2007 HS_4 3 29.2 56.°29 7.°9/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 50.76	−29 36.7	1.035	1.793	27.0	20.1
3 2	12 49.73	−28 45.3	0.964	1.801	23.2	19.8
3 12	12 45.13	−26 56.3	0.906	1.810	18.5	19.5
3 22	12 37.86	−24 6.5	0.866	1.819	13.3	19.3
4 1	12 29.45	−20 23.4	0.847	1.829	8.7	19.0
4 11	12 21.76	−16 8.8	0.854	1.838	8.6	19.1
4 21	12 16.26	−11 52.0	0.886	1.848	12.9	19.3
5 1	12 13.91	− 8 0.2	0.940	1.858	18.1	19.6

153783 2001 VQ_{60} 3 29.2 77.°10 3.°0/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.63	−13 42.1	1.773	2.550	16.5	20.4
3 2	12 52.55	−13 39.8	1.699	2.564	13.3	20.2
3 12	12 46.15	−13 17.6	1.645	2.579	9.5	20.0
3 22	12 38.11	−12 37.2	1.616	2.593	5.5	19.8
4 1	12 29.37	−11 42.7	1.614	2.608	3.0	19.6
4 11	12 21.05	−10 40.7	1.639	2.622	5.5	19.8
4 21	12 14.09	− 9 38.9	1.691	2.636	9.3	20.1
5 1	12 9.19	− 8 44.0	1.767	2.650	12.9	20.3

107599 2001 DC_{109} 3 29.2 296.°31 2.°0/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.57	− 9 47.6	1.569	2.370	17.3	19.9
3 2	12 53.07	− 9 50.7	1.477	2.360	13.8	19.6
3 12	12 46.87	− 9 35.6	1.405	2.351	9.6	19.3
3 22	12 38.56	− 9 3.5	1.357	2.341	5.0	19.0
4 1	12 29.15	− 8 18.6	1.334	2.332	2.1	18.8
4 11	12 19.93	− 7 27.8	1.339	2.322	6.2	19.0
4 21	12 12.10	− 6 38.8	1.368	2.313	11.0	19.3
5 1	12 6.61	− 5 58.9	1.419	2.304	15.3	19.5

239884 2000 QX_{119} 3 29.2 231.°90 0.°3/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.87	− 7 52.2	2.022	2.811	14.4	21.9
3 2	12 53.47	− 7 13.5	1.916	2.797	11.3	21.6
3 12	12 46.83	− 6 18.0	1.833	2.781	7.6	21.4
3 22	12 38.47	− 5 8.9	1.776	2.764	3.4	21.1
4 1	12 29.20	− 3 51.5	1.749	2.747	1.2	20.9
4 11	12 20.04	− 2 33.3	1.750	2.728	5.7	21.2
4 21	12 11.94	− 1 21.7	1.779	2.709	10.0	21.4
5 1	12 5.70	− 0 22.8	1.833	2.689	13.7	21.6

467881 2011 DQ_{20} 3 29.2 228.°68 3.°9/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.25	+ 3 40.1	2.004	2.831	13.1	21.7
3 2	12 50.54	+ 4 56.3	1.920	2.825	10.0	21.5
3 12	12 44.79	+ 6 20.9	1.861	2.819	6.6	21.3
3 22	12 37.54	+ 7 46.8	1.829	2.812	4.1	21.1
4 1	12 29.60	+ 9 6.3	1.825	2.806	4.9	21.2
4 11	12 21.89	+10 11.7	1.850	2.798	8.1	21.3
4 21	12 15.28	+10 58.3	1.900	2.791	11.6	21.5
5 1	12 10.42	+11 23.6	1.971	2.784	14.6	21.7

325267 2008 GC_{115} 3 29.2 17.°00 3.°9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.35	+ 1 46.2	1.372	2.219	16.8	20.3
3 2	12 50.57	+ 2 47.3	1.307	2.222	12.8	20.1
3 12	12 45.13	+ 3 59.8	1.263	2.227	8.3	19.8
3 22	12 37.74	+ 5 15.3	1.243	2.232	4.4	19.6
4 1	12 29.53	+ 6 23.7	1.249	2.237	5.1	19.7
4 11	12 21.80	+ 7 16.0	1.279	2.244	9.2	19.9
4 21	12 15.66	+ 7 46.5	1.333	2.251	13.6	20.2
5 1	12 11.87	+ 7 52.9	1.406	2.258	17.4	20.4

20050 1993 FO_{21} 3 29.2 147.°31 0.°2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.09	− 5 32.4	2.057	2.854	13.9	19.3
3 2	12 52.62	− 5 19.0	1.972	2.857	10.8	19.1
3 12	12 46.09	− 4 53.9	1.910	2.861	7.1	18.9
3 22	12 38.08	− 4 19.9	1.875	2.864	3.1	18.7
4 1	12 29.40	− 3 41.3	1.868	2.866	1.1	18.5
4 11	12 21.00	− 3 3.6	1.890	2.869	5.3	18.8
4 21	12 13.72	− 2 31.7	1.939	2.872	9.1	19.0
5 1	12 8.25	− 2 9.5	2.013	2.874	12.5	19.3

497050 2003 SV_{327} 3 29.2 288.°70 4.°6/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.97	−15 3.0	1.554	2.335	18.3	21.0
3 2	12 53.67	−15 28.3	1.449	2.314	15.2	20.8
3 12	12 47.50	−15 32.4	1.364	2.293	11.4	20.5
3 22	12 38.94	−15 13.7	1.300	2.273	7.3	20.2
4 1	12 28.99	−14 33.4	1.262	2.252	4.7	20.0
4 11	12 19.01	−13 37.0	1.250	2.231	6.9	20.0
4 21	12 10.37	−12 33.1	1.262	2.211	11.4	20.2
5 1	12 4.19	−11 31.3	1.297	2.190	15.9	20.4

173343 1999 XU_{56} 3 29.2 104.°40 0.°5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.24	− 7 49.6	1.776	2.573	15.7	20.6
3 2	12 53.67	− 7 20.2	1.706	2.590	12.2	20.4
3 12	12 46.82	− 6 34.7	1.658	2.607	8.1	20.1
3 22	12 38.38	− 5 37.0	1.636	2.623	3.6	19.9
4 1	12 29.30	− 4 33.1	1.641	2.640	1.2	19.8
4 11	12 20.70	− 3 30.3	1.675	2.655	5.7	20.1
4 21	12 13.48	− 2 35.4	1.736	2.671	9.8	20.4
5 1	12 8.32	− 1 53.4	1.820	2.685	13.4	20.6

114666 2003 FW_{36} 3 29.2 220.°54 0.°3/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.71	− 5 52.5	2.784	3.574	10.8	20.6
3 2	12 48.03	− 5 8.9	2.685	3.568	8.3	20.4
3 12	12 42.87	− 4 14.4	2.610	3.561	5.5	20.2
3 22	12 36.66	− 3 12.1	2.564	3.553	2.3	20.0
4 1	12 29.96	− 2 6.4	2.548	3.546	1.1	19.8
4 11	12 23.40	− 1 2.3	2.562	3.538	4.4	20.1
4 21	12 17.58	− 0 4.2	2.605	3.530	7.4	20.3
5 1	12 13.00	+ 0 43.9	2.674	3.521	10.2	20.4

21327 Yabuzuka 3 29.2 114.°10 2.°0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.07	− 9 16.4	1.703	2.492	16.6	18.3
3 2	12 56.11	− 9 28.5	1.624	2.501	13.2	18.1
3 12	12 48.59	− 9 24.8	1.567	2.509	9.1	17.9
3 22	12 39.20	− 9 7.0	1.534	2.518	4.7	17.6
4 1	12 28.97	− 8 38.5	1.529	2.526	2.1	17.5
4 11	12 19.14	− 8 5.0	1.552	2.534	5.8	17.7
4 21	12 10.77	− 7 32.7	1.601	2.542	10.1	18.0
5 1	12 4.67	− 7 7.3	1.674	2.549	13.9	18.2

333649 2008 RG_{117} 3 29.2 248.°05 6.°4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.93	−23 50.2	2.270	2.974	15.4	21.1
3 2	12 52.75	−24 20.6	2.158	2.960	13.2	20.9
3 12	12 46.38	−24 30.7	2.066	2.946	10.8	20.7
3 22	12 38.30	−24 18.3	1.998	2.931	8.2	20.5
4 1	12 29.29	−23 43.4	1.955	2.916	6.5	20.4
4 11	12 20.32	−22 49.0	1.940	2.901	6.8	20.4
4 21	12 12.35	−21 40.9	1.951	2.885	9.0	20.5
5 1	12 6.17	−20 26.8	1.988	2.869	11.7	20.6

301848 1994 PQ_3 3 29.2 238.°91 0.°8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.13	− 3 14.5	2.856	3.651	10.4	22.1
3 2	12 49.11	− 2 38.1	2.750	3.637	8.0	21.9
3 12	12 43.60	− 1 52.8	2.669	3.622	5.2	21.7
3 22	12 36.99	− 1 1.8	2.617	3.607	2.2	21.4
4 1	12 29.84	− 0 8.9	2.595	3.591	1.5	21.3
4 11	12 22.79	+ 0 41.3	2.603	3.575	4.6	21.5
4 21	12 16.45	+ 1 24.8	2.640	3.558	7.6	21.7
5 1	12 11.34	+ 1 58.4	2.702	3.541	10.3	21.9

171315 2006 HD_{52} 3 29.2 326.°29 20.°6/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 15.78	+39 2.5	1.155	1.952	22.5	19.7
3 2	13 9.15	+40 50.8	1.120	1.949	21.2	19.6
3 12	12 57.80	+42 5.6	1.101	1.946	20.6	19.6
3 22	12 43.15	+42 29.7	1.099	1.943	20.8	19.6
4 1	12 27.53	+41 52.3	1.113	1.941	21.9	19.6
4 11	12 13.48	+40 13.8	1.143	1.939	23.6	19.7
4 21	12 2.79	+37 43.9	1.188	1.937	25.5	19.9
5 1	11 56.31	+34 36.2	1.247	1.935	27.4	20.0

137287 1999 RM_{188} 3 29.2 138.°69 2.°6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.98	+ 0 7.0	1.589	2.408	16.3	20.5
3 2	12 56.83	+ 0 52.8	1.520	2.420	12.4	20.3
3 12	12 49.04	+ 1 49.4	1.473	2.431	8.0	20.0
3 22	12 39.37	+ 2 50.4	1.452	2.441	3.7	19.8
4 1	12 28.93	+ 3 47.9	1.458	2.450	3.6	19.8
4 11	12 19.02	+ 4 34.1	1.492	2.459	7.9	20.1
4 21	12 10.71	+ 5 3.8	1.552	2.467	12.2	20.3
5 1	12 4.77	+ 5 14.5	1.633	2.475	15.8	20.6

160707 2000 QP_{10} 3 29.2 207.°29 1.°5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.01	−10 13.0	2.180	2.951	14.0	21.4
3 2	12 54.92	− 9 58.7	2.077	2.943	11.2	21.2
3 12	12 47.68	− 9 29.1	1.997	2.935	7.7	21.0
3 22	12 38.81	− 8 46.0	1.944	2.927	3.9	20.7
4 1	12 29.12	− 7 53.1	1.919	2.917	1.6	20.5
4 11	12 19.59	− 6 55.9	1.925	2.906	5.0	20.8
4 21	12 11.11	− 6 0.7	1.959	2.894	8.9	21.0
5 1	12 4.43	− 5 12.9	2.019	2.881	12.4	21.2

464667 2001 SR_{284} 3 29.2 200.°69 0.°5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.85	− 7 43.5	2.225	3.011	13.3	22.9
3 2	12 52.37	− 7 18.2	2.129	3.007	10.4	22.7
3 12	12 45.92	− 6 39.4	2.057	3.003	7.0	22.5
3 22	12 38.03	− 5 49.6	2.011	2.998	3.2	22.2
4 1	12 29.44	− 4 53.3	1.994	2.993	1.1	22.0
4 11	12 21.05	− 3 56.3	2.007	2.987	5.0	22.3
4 21	12 13.67	− 3 4.2	2.048	2.980	8.7	22.5
5 1	12 7.97	− 2 21.7	2.114	2.973	12.1	22.7

217 Eudora 3 29.2 259.°23 1.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.76	− 0 50.3	2.530	3.337	11.3	15.2
3 2	12 49.87	+ 0 7.8	2.420	3.314	8.7	15.0
3 12	12 44.24	+ 1 16.1	2.334	3.290	5.6	14.8
3 22	12 37.32	+ 2 30.3	2.277	3.266	2.6	14.5
4 1	12 29.71	+ 3 44.8	2.250	3.241	2.7	14.5
4 11	12 22.16	+ 4 53.4	2.252	3.215	5.9	14.7
4 21	12 15.39	+ 5 51.2	2.283	3.189	9.2	14.8
5 1	12 10.00	+ 6 34.3	2.337	3.162	12.2	15.0

140167 2001 SA_{179} 3 29.2 218.°16 1.°0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.48	−10 54.0	2.948	3.714	10.8	21.2
3 2	12 48.57	−10 14.5	2.840	3.705	8.6	21.0
3 12	12 43.22	− 9 21.7	2.757	3.695	5.9	20.8
3 22	12 36.82	− 8 18.0	2.701	3.685	2.9	20.6
4 1	12 29.93	− 7 6.9	2.676	3.674	1.1	20.4
4 11	12 23.15	− 5 53.3	2.682	3.662	3.8	20.6
4 21	12 17.08	− 4 42.2	2.717	3.650	6.8	20.8
5 1	12 12.21	− 3 38.0	2.779	3.638	9.5	21.0

166948 2003 JL_9 3 29.2 310.°77 2.°8/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.59	− 0 36.5	1.291	2.135	17.9	20.4
3 2	12 52.04	+ 0 6.5	1.205	2.118	13.8	20.1
3 12	12 46.48	+ 1 5.2	1.139	2.102	9.1	19.8
3 22	12 38.50	+ 2 13.1	1.096	2.086	4.1	19.5
4 1	12 29.23	+ 3 20.6	1.077	2.071	4.1	19.4
4 11	12 20.16	+ 4 17.1	1.083	2.056	9.3	19.7
4 21	12 12.68	+ 4 54.3	1.111	2.041	14.5	19.9
5 1	12 7.86	+ 5 7.5	1.159	2.027	19.2	20.1

502847 2015 DZ_{169} 3 29.2 40.°36 8.°3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.63	−28 26.6	1.840	2.539	18.6	20.1
3 2	12 50.55	−28 52.6	1.756	2.546	16.3	19.9
3 12	12 45.04	−28 50.1	1.688	2.553	13.5	19.8
3 22	12 37.72	−28 16.5	1.641	2.560	10.8	19.6
4 1	12 29.57	−27 12.3	1.617	2.568	8.7	19.5
4 11	12 21.75	−25 42.8	1.619	2.576	8.4	19.5
4 21	12 15.28	−23 57.1	1.646	2.584	10.1	19.6
5 1	12 10.95	−22 5.9	1.697	2.592	12.7	19.8

331437 2012 GR_{20} 3 29.2 249.°12 5.°9/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.97	+ 9 38.5	1.921	2.754	13.3	20.8
3 2	12 52.00	+10 56.5	1.840	2.744	10.3	20.6
3 12	12 45.83	+12 17.8	1.783	2.734	7.5	20.4
3 22	12 38.03	+13 34.6	1.753	2.724	5.9	20.3
4 1	12 29.46	+14 38.2	1.751	2.713	7.0	20.3
4 11	12 21.14	+15 22.1	1.774	2.702	9.9	20.4
4 21	12 13.99	+15 42.6	1.822	2.691	13.1	20.6
5 1	12 8.75	+15 39.2	1.891	2.680	16.0	20.8

436018 2009 HN_{34} 3 29.2 48.°71 2.°1/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.19	−14 27.4	1.985	2.761	15.0	20.8
3 2	12 48.10	−13 40.9	1.913	2.780	12.0	20.7
3 12	12 43.10	−12 33.8	1.863	2.798	8.4	20.5
3 22	12 36.79	−11 9.5	1.838	2.817	4.6	20.3
4 1	12 29.98	− 9 33.9	1.841	2.836	2.1	20.1
4 11	12 23.55	− 7 55.2	1.872	2.856	4.8	20.3
4 21	12 18.25	− 6 21.3	1.932	2.876	8.4	20.6
5 1	12 14.65	− 4 58.9	2.016	2.895	11.7	20.8

118500 2000 DH_{64} 3 29.2 61.°74 2.°1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.90	− 9 47.0	1.298	2.109	19.7	19.5
3 2	12 55.10	− 9 49.4	1.230	2.119	15.6	19.2
3 12	12 48.25	− 9 30.6	1.181	2.129	10.7	19.0
3 22	12 39.14	− 8 52.9	1.154	2.139	5.4	18.7
4 1	12 29.04	− 8 1.9	1.152	2.149	2.2	18.5
4 11	12 19.50	− 7 6.4	1.176	2.160	6.8	18.8
4 21	12 11.78	− 6 15.2	1.223	2.171	11.8	19.1
5 1	12 6.80	− 5 36.0	1.292	2.181	16.2	19.4

244165 2001 XR_{44} 3 29.2 154.°12 4.°2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.91	+ 6 5.0	1.883	2.701	14.2	21.1
3 2	12 57.15	+ 6 51.8	1.812	2.710	10.9	20.9
3 12	12 49.07	+ 7 42.5	1.765	2.718	7.3	20.7
3 22	12 39.35	+ 8 30.8	1.744	2.726	4.5	20.6
4 1	12 28.97	+ 9 9.7	1.753	2.733	5.1	20.6
4 11	12 19.05	+ 9 33.8	1.789	2.739	8.3	20.8
4 21	12 10.52	+ 9 40.1	1.852	2.744	11.8	21.0
5 1	12 4.09	+ 9 28.1	1.937	2.749	14.9	21.3

331914 2004 RH_{167} 3 29.2 263.°07 1.°9/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.44	+ 0 18.3	2.072	2.883	13.3	21.3
3 2	12 53.87	+ 0 44.4	1.967	2.863	10.3	21.0
3 12	12 47.09	+ 1 19.1	1.886	2.842	6.7	20.8
3 22	12 38.61	+ 1 58.2	1.832	2.821	3.0	20.5
4 1	12 29.22	+ 2 36.5	1.806	2.799	2.8	20.4
4 11	12 19.92	+ 3 8.3	1.809	2.777	6.6	20.6
4 21	12 11.64	+ 3 29.1	1.839	2.755	10.5	20.8
5 1	12 5.17	+ 3 35.6	1.892	2.732	14.1	21.0

141321 2001 YL_{130} 3 29.2 63.°48 0.°4/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.15	− 6 19.2	2.221	3.015	13.1	20.5
3 2	12 50.91	− 6 9.1	2.145	3.028	10.1	20.3
3 12	12 44.85	− 5 47.8	2.093	3.041	6.7	20.1
3 22	12 37.53	− 5 18.1	2.067	3.055	3.0	19.9
4 1	12 29.70	− 4 43.8	2.070	3.068	1.0	19.8
4 11	12 22.18	− 4 9.6	2.102	3.082	4.7	20.1
4 21	12 15.71	− 3 40.0	2.161	3.096	8.2	20.3
5 1	12 10.86	− 3 18.5	2.245	3.109	11.3	20.5

52831 1998 RA_{47} 3 29.2 65.°29 2.°0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.27	−12 31.2	1.312	2.119	19.7	19.3
3 2	12 52.24	−11 57.7	1.244	2.130	15.7	19.1
3 12	12 46.32	−10 57.3	1.195	2.141	10.9	18.8
3 22	12 38.30	− 9 33.7	1.168	2.153	5.6	18.6
4 1	12 29.39	− 7 55.0	1.167	2.164	2.1	18.4
4 11	12 21.03	− 6 13.2	1.191	2.176	6.6	18.7
4 21	12 14.41	− 4 39.9	1.240	2.188	11.6	19.0
5 1	12 10.35	− 3 24.1	1.311	2.200	16.1	19.3

192694 1999 TM_{44} 3 29.2 153.°06 0.°9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.17	− 8 17.3	2.220	3.005	13.4	21.2
3 2	12 51.79	− 8 1.5	2.133	3.010	10.5	21.0
3 12	12 45.50	− 7 32.7	2.069	3.014	7.1	20.8
3 22	12 37.85	− 6 53.1	2.032	3.018	3.3	20.6
4 1	12 29.58	− 6 6.8	2.024	3.022	1.2	20.4
4 11	12 21.57	− 5 19.1	2.045	3.026	4.8	20.7
4 21	12 14.60	− 4 35.1	2.093	3.029	8.4	20.9
5 1	12 9.29	− 3 59.4	2.167	3.032	11.6	21.1

229801 2008 SN_{37} 3 29.2 304.°56 1.°0/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.67	− 2 37.6	1.932	2.744	14.1	20.7
3 2	12 51.70	− 2 12.1	1.847	2.742	10.8	20.5
3 12	12 45.60	− 1 35.8	1.785	2.741	7.0	20.3
3 22	12 37.93	− 0 52.6	1.749	2.739	2.9	20.0
4 1	12 29.54	− 0 7.9	1.741	2.737	2.0	19.9
4 11	12 21.42	+ 0 32.2	1.761	2.735	6.1	20.2
4 21	12 14.45	+ 1 2.7	1.807	2.734	10.0	20.4
5 1	12 9.34	+ 1 20.0	1.876	2.732	13.5	20.6

338356 2002 XJ_{35} 3 29.2 141.°44 0.°7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.28	− 3 2.5	2.867	3.658	10.5	22.1
3 2	12 50.58	− 2 32.7	2.786	3.671	8.0	21.9
3 12	12 44.44	− 1 55.3	2.731	3.683	5.2	21.7
3 22	12 37.32	− 1 13.3	2.705	3.694	2.1	21.5
4 1	12 29.80	− 0 30.5	2.709	3.705	1.4	21.5
4 11	12 22.52	+ 0 9.1	2.743	3.715	4.4	21.7
4 21	12 16.06	+ 0 42.3	2.806	3.725	7.2	21.9
5 1	12 10.87	+ 1 6.3	2.895	3.734	9.7	22.1

179835 2002 TX_{183} 3 29.2 197.°17 2.°0/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.98	−11 46.2	2.009	2.785	14.9	20.3
3 2	12 52.73	−11 29.9	1.914	2.782	11.9	20.1
3 12	12 46.29	−10 55.9	1.842	2.780	8.3	19.8
3 22	12 38.24	−10 6.2	1.795	2.777	4.4	19.6
4 1	12 29.41	− 9 4.8	1.777	2.773	2.0	19.4
4 11	12 20.80	− 7 58.2	1.787	2.769	5.1	19.6
4 21	12 13.33	− 6 53.2	1.824	2.764	9.1	19.8
5 1	12 7.72	− 5 56.2	1.887	2.759	12.7	20.0

293355 2007 DM_{110} 3 29.2 78.°81 0.°6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.28	− 5 48.7	1.771	2.579	15.4	21.1
3 2	12 52.09	− 4 57.2	1.710	2.602	11.7	21.0
3 12	12 45.74	− 3 50.8	1.672	2.626	7.6	20.8
3 22	12 37.92	− 2 35.0	1.659	2.649	3.1	20.5
4 1	12 29.59	− 1 17.2	1.675	2.672	1.7	20.5
4 11	12 21.77	− 0 5.2	1.719	2.695	6.0	20.8
4 21	12 15.31	+ 0 54.6	1.789	2.717	10.0	21.1
5 1	12 10.82	+ 1 38.0	1.883	2.740	13.4	21.3

296820 2009 WT_{7} 3 29.2 160.°23 0.°1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.02	− 5 50.9	2.208	3.001	13.2	21.7
3 2	12 52.42	− 5 26.7	2.123	3.006	10.2	21.5
3 12	12 45.91	− 4 50.7	2.061	3.011	6.7	21.3
3 22	12 38.02	− 4 5.9	2.026	3.015	2.9	21.0
4 1	12 29.53	− 3 16.8	2.020	3.019	1.1	20.9
4 11	12 21.31	− 2 29.1	2.044	3.022	5.1	21.2
4 21	12 14.14	− 1 47.6	2.095	3.025	8.7	21.4
5 1	12 8.65	− 1 16.4	2.171	3.027	11.9	21.6

470862 2008 YW_{142} 3 29.2 190.°50 4.°1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.53	+ 7 54.3	2.558	3.379	10.8	22.0
3 2	12 50.28	+ 8 57.4	2.478	3.378	8.3	21.8
3 12	12 44.39	+10 3.2	2.425	3.376	5.7	21.6
3 22	12 37.35	+11 6.2	2.399	3.374	4.1	21.5
4 1	12 29.80	+12 0.8	2.403	3.372	4.9	21.6
4 11	12 22.48	+12 42.2	2.435	3.369	7.3	21.7
4 21	12 16.04	+13 7.7	2.494	3.366	9.9	21.9
5 1	12 11.00	+13 16.0	2.576	3.362	12.3	22.0

435309 2007 UZ_{57} 3 29.2 90.°16 1.°7/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.02	−12 8.9	2.367	3.136	13.1	21.7
3 2	12 49.94	−11 42.9	2.292	3.156	10.3	21.6
3 12	12 44.16	−11 1.9	2.239	3.175	7.2	21.4
3 22	12 37.23	−10 8.2	2.214	3.194	3.8	21.2
4 1	12 29.86	− 9 5.9	2.217	3.213	1.7	21.1
4 11	12 22.81	− 8 0.8	2.250	3.232	4.3	21.3
4 21	12 16.76	− 6 58.2	2.311	3.250	7.5	21.5
5 1	12 12.22	− 6 3.2	2.398	3.268	10.4	21.7

506037 2015 KD_{33} 3 29.2 244.°29 1.°9/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.68	+ 1 30.8	2.492	3.302	11.4	21.8
3 2	12 51.23	+ 1 54.6	2.399	3.294	8.7	21.6
3 12	12 45.07	+ 2 24.1	2.331	3.287	5.6	21.4
3 22	12 37.67	+ 2 55.6	2.291	3.279	2.6	21.2
4 1	12 29.68	+ 3 25.1	2.280	3.272	2.6	21.1
4 11	12 21.87	+ 3 48.2	2.299	3.264	5.6	21.3
4 21	12 14.95	+ 4 1.8	2.345	3.256	8.8	21.5
5 1	12 9.48	+ 4 3.7	2.415	3.248	11.6	21.7

333088 2011 UM_{166} 3 29.2 74.°78 0.°2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.14	− 6 0.6	1.471	2.287	17.5	21.5
3 2	12 54.02	− 5 28.8	1.409	2.304	13.5	21.2
3 12	12 47.26	− 4 40.1	1.367	2.322	8.9	21.0
3 22	12 38.65	− 3 39.5	1.349	2.339	3.7	20.7
4 1	12 29.34	− 2 34.4	1.358	2.356	1.6	20.6
4 11	12 20.60	− 1 33.6	1.394	2.374	6.7	21.0
4 21	12 13.50	− 0 44.3	1.455	2.391	11.3	21.3
5 1	12 8.77	− 0 11.2	1.538	2.408	15.2	21.6

371279 2006 DP_{113} 3 29.2 136.°31 4.°5/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 5.35	−15 11.7	2.195	2.932	14.9	20.8
3 2	12 59.04	−16 8.8	2.102	2.938	12.3	20.6
3 12	12 50.41	−16 52.2	2.033	2.945	9.3	20.4
3 22	12 40.03	−17 20.1	1.989	2.950	6.2	20.2
4 1	12 28.77	−17 32.4	1.975	2.956	4.5	20.1
4 11	12 17.72	−17 31.4	1.990	2.961	5.8	20.2
4 21	12 7.85	−17 21.2	2.034	2.966	8.7	20.4
5 1	11 59.97	−17 7.1	2.103	2.971	11.7	20.6

378868 2008 TE_{103} 3 29.2 328.°55 2.°9/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.79	+ 2 52.4	1.714	2.542	14.9	20.2
3 2	12 53.65	+ 3 9.9	1.630	2.534	11.5	20.0
3 12	12 47.07	+ 3 33.6	1.567	2.526	7.5	19.7
3 22	12 38.63	+ 3 58.7	1.530	2.519	3.7	19.5
4 1	12 29.32	+ 4 19.2	1.520	2.511	3.7	19.5
4 11	12 20.29	+ 4 29.6	1.537	2.505	7.6	19.7
4 21	12 12.58	+ 4 26.3	1.579	2.499	11.7	19.9
5 1	12 7.00	+ 4 7.3	1.644	2.493	15.4	20.1

522695 2016 LR_2 3 29.2 41.°25 4.°9/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.33	+ 4 5.8	1.669	2.510	14.6	20.4
3 2	12 49.35	+ 5 44.2	1.604	2.516	11.1	20.2
3 12	12 44.14	+ 7 31.4	1.562	2.522	7.4	20.0
3 22	12 37.33	+ 9 18.2	1.547	2.529	5.0	19.9
4 1	12 29.86	+10 54.2	1.559	2.535	6.1	20.0
4 11	12 22.78	+12 10.7	1.597	2.542	9.5	20.2
4 21	12 17.00	+13 2.4	1.659	2.549	13.0	20.4
5 1	12 13.19	+13 27.7	1.742	2.556	16.2	20.6

74668 1999 RJ_{96} 3 29.2 229.°71 1.°0/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.85	− 3 41.6	1.973	2.777	14.1	20.8
3 2	12 53.47	− 3 2.7	1.875	2.766	10.9	20.6
3 12	12 46.86	− 2 10.7	1.799	2.754	7.2	20.3
3 22	12 38.54	− 1 9.6	1.751	2.741	3.0	20.0
4 1	12 29.36	− 0 5.4	1.731	2.727	2.0	19.9
4 11	12 20.33	+ 0 54.9	1.740	2.713	6.3	20.2
4 21	12 12.42	+ 1 45.0	1.775	2.698	10.4	20.4
5 1	12 6.39	+ 2 20.4	1.835	2.683	14.1	20.6

66470 1999 RP_{18} 3 29.2 270.°20 0.°8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.69	− 5 47.7	2.138	2.939	13.3	20.0
3 2	12 50.20	− 4 48.0	2.026	2.915	10.3	19.7
3 12	12 44.69	− 3 32.0	1.937	2.890	6.8	19.4
3 22	12 37.62	− 2 3.5	1.874	2.864	2.8	19.1
4 1	12 29.70	− 0 29.0	1.842	2.838	1.8	19.0
4 11	12 21.83	+ 1 3.7	1.838	2.812	6.0	19.2
4 21	12 14.87	+ 2 26.9	1.862	2.785	10.0	19.4
5 1	12 9.56	+ 3 34.7	1.911	2.758	13.6	19.6

453842 2011 SK_{272} 3 29.2 148.°22 3.°1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.74	+ 0 1.6	1.634	2.459	15.6	21.7
3 2	12 53.58	+ 1 10.9	1.562	2.466	11.9	21.4
3 12	12 46.96	+ 2 32.6	1.512	2.472	7.7	21.2
3 22	12 38.55	+ 3 59.2	1.489	2.477	3.8	21.0
4 1	12 29.39	+ 5 21.5	1.493	2.482	4.2	21.0
4 11	12 20.64	+ 6 30.7	1.524	2.487	8.2	21.3
4 21	12 13.34	+ 7 20.6	1.580	2.491	12.3	21.5
5 1	12 8.22	+ 7 48.2	1.658	2.495	15.9	21.7

95268 2002 CB_{68} 3 29.2 177.°36 1.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.01	− 1 57.0	1.973	2.779	14.0	20.7
3 2	12 54.20	− 1 6.2	1.889	2.782	10.7	20.5
3 12	12 47.21	− 0 3.8	1.829	2.784	6.9	20.3
3 22	12 38.64	+ 1 5.2	1.796	2.785	3.0	20.0
4 1	12 29.35	+ 2 13.8	1.792	2.786	2.7	20.0
4 11	12 20.37	+ 3 15.2	1.817	2.785	6.6	20.2
4 21	12 12.60	+ 4 3.5	1.869	2.784	10.5	20.4
5 1	12 6.73	+ 4 35.4	1.945	2.782	13.8	20.7

387164 2012 TR_{245} 3 29.2 119.°77 0.°3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.12	− 2 53.9	2.366	3.159	12.4	21.0
3 2	12 53.87	− 2 54.6	2.283	3.167	9.6	20.8
3 12	12 46.78	− 2 47.6	2.224	3.174	6.2	20.6
3 22	12 38.40	− 2 35.5	2.193	3.182	2.6	20.4
4 1	12 29.46	− 2 21.3	2.191	3.189	1.2	20.3
4 11	12 20.80	− 2 8.9	2.220	3.196	4.9	20.6
4 21	12 13.17	− 2 1.3	2.276	3.203	8.3	20.8
5 1	12 7.15	− 2 1.3	2.358	3.209	11.2	21.0

138651 2000 RQ_{59} 3 29.2 106.°92 1.°5/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.69	−10 31.0	2.594	3.364	12.1	20.3
3 2	12 50.35	−10 22.3	2.511	3.377	9.5	20.2
3 12	12 44.42	−10 1.3	2.453	3.390	6.6	20.0
3 22	12 37.37	− 9 29.9	2.421	3.402	3.5	19.8
4 1	12 29.87	− 8 51.2	2.419	3.415	1.5	19.7
4 11	12 22.61	− 8 9.3	2.446	3.427	4.0	19.9
4 21	12 16.26	− 7 28.6	2.501	3.439	7.1	20.1
5 1	12 11.30	− 6 53.1	2.583	3.451	9.8	20.3

477965 2011 SH_{42} 3 29.2 186.°43 0.°1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.60	− 5 33.6	2.692	3.481	11.2	22.3
3 2	12 49.51	− 5 8.4	2.599	3.481	8.6	22.1
3 12	12 43.89	− 4 33.4	2.531	3.481	5.7	21.9
3 22	12 37.16	− 3 51.4	2.491	3.480	2.4	21.7
4 1	12 29.94	− 3 5.9	2.481	3.479	1.0	21.5
4 11	12 22.90	− 2 21.5	2.500	3.477	4.3	21.8
4 21	12 16.66	− 1 42.2	2.548	3.476	7.4	22.0
5 1	12 11.74	− 1 11.3	2.621	3.474	10.2	22.2

105731 2000 SU_{83} 3 29.2 188.°45 0.°5/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.92	− 4 31.0	1.954	2.752	14.5	20.9
3 2	12 54.98	− 4 4.3	1.865	2.752	11.2	20.6
3 12	12 47.78	− 3 24.9	1.799	2.751	7.4	20.4
3 22	12 38.91	− 2 36.5	1.759	2.749	3.1	20.1
4 1	12 29.25	− 1 44.5	1.749	2.746	1.5	20.0
4 11	12 19.86	− 0 55.3	1.767	2.743	5.9	20.3
4 21	12 11.68	− 0 14.5	1.812	2.739	10.0	20.5
5 1	12 5.46	+ 0 13.6	1.882	2.734	13.6	20.7

245793 2006 HQ_{38} 3 29.2 262.°82 1.°2/28.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.98	− 4 11.8	1.644	2.462	15.9	21.2
3 2	12 52.50	− 3 25.8	1.549	2.448	12.3	20.9
3 12	12 46.47	− 2 23.0	1.476	2.433	8.1	20.6
3 22	12 38.46	− 1 8.1	1.428	2.418	3.4	20.3
4 1	12 29.41	+ 0 11.2	1.407	2.403	2.4	20.2
4 11	12 20.52	+ 1 25.7	1.413	2.388	7.2	20.5
4 21	12 12.92	+ 2 27.4	1.445	2.373	12.0	20.7
5 1	12 7.50	+ 3 10.4	1.498	2.357	16.1	20.9

156562 2002 EB_{64} 3 29.2 213.°73 0.°2/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.37	− 6 27.1	2.161	2.958	13.3	20.4
3 2	12 50.53	− 5 46.6	2.068	2.954	10.3	20.2
3 12	12 44.78	− 4 52.0	1.998	2.949	6.8	20.0
3 22	12 37.61	− 3 47.1	1.955	2.944	2.9	19.7
4 1	12 29.77	− 2 37.3	1.941	2.939	1.2	19.6
4 11	12 22.14	− 1 29.0	1.956	2.934	5.3	19.8
4 21	12 15.52	− 0 28.3	1.999	2.928	9.1	20.0
5 1	12 10.53	+ 0 19.9	2.066	2.922	12.4	20.2

425245 2009 WJ_{45} 3 29.2 127.°37 6.°9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.82	+15 47.6	2.097	2.920	12.7	21.4
3 2	12 54.58	+16 51.5	2.039	2.930	10.2	21.2
3 12	12 47.29	+17 51.3	2.004	2.940	7.9	21.1
3 22	12 38.61	+18 39.6	1.997	2.949	6.9	21.1
4 1	12 29.42	+19 10.1	2.017	2.958	7.9	21.1
4 11	12 20.68	+19 19.0	2.063	2.967	10.0	21.3
4 21	12 13.22	+19 5.5	2.134	2.975	12.5	21.5
5 1	12 7.62	+18 31.1	2.226	2.983	14.8	21.6

58384 1995 SR_{51} 3 29.2 8.°54 0.°2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.21	− 6 8.3	2.066	2.868	13.6	20.2
3 2	12 49.69	− 5 48.1	1.981	2.869	10.6	20.0
3 12	12 44.23	− 5 15.3	1.919	2.870	7.0	19.8
3 22	12 37.37	− 4 33.0	1.883	2.871	3.1	19.6
4 1	12 29.87	− 3 45.8	1.875	2.873	1.1	19.4
4 11	12 22.63	− 2 59.4	1.895	2.875	5.1	19.7
4 21	12 16.44	− 2 19.1	1.942	2.877	8.9	19.9
5 1	12 11.92	− 1 49.2	2.012	2.879	12.3	20.1

328825 2009 VV_{115} 3 29.2 192.°53 5.°1/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.28	+10 13.5	2.405	3.227	11.3	21.6
3 2	12 51.75	+11 30.3	2.327	3.225	8.8	21.5
3 12	12 45.44	+12 48.8	2.276	3.223	6.4	21.3
3 22	12 37.85	+14 2.5	2.252	3.220	5.1	21.2
4 1	12 29.70	+15 4.9	2.258	3.216	6.1	21.3
4 11	12 21.79	+15 50.7	2.292	3.212	8.4	21.4
4 21	12 14.85	+16 17.1	2.351	3.207	11.0	21.6
5 1	12 9.45	+16 23.4	2.433	3.201	13.4	21.7

308011 2004 RQ_{186} 3 29.2 70.°13 0.°1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.44	− 4 5.3	1.372	2.190	18.4	20.5
3 2	12 57.59	− 4 8.5	1.307	2.204	14.3	20.3
3 12	12 49.77	− 3 58.0	1.263	2.217	9.4	20.1
3 22	12 39.80	− 3 37.4	1.242	2.231	4.0	19.8
4 1	12 28.96	− 3 12.1	1.247	2.245	1.6	19.6
4 11	12 18.74	− 2 48.8	1.278	2.259	7.0	20.0
4 21	12 10.36	− 2 33.6	1.335	2.273	11.9	20.3
5 1	12 4.67	− 2 30.3	1.412	2.287	16.0	20.6

352618 2008 FQ_1 3 29.2 217.°25 1.°5/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.87	−10 10.7	2.622	3.394	11.9	21.3
3 2	12 49.82	−10 4.3	2.524	3.391	9.4	21.1
3 12	12 44.15	− 9 45.9	2.451	3.389	6.5	20.9
3 22	12 37.31	− 9 17.0	2.404	3.386	3.4	20.7
4 1	12 29.91	− 8 40.6	2.386	3.382	1.5	20.5
4 11	12 22.67	− 8 0.6	2.398	3.379	4.1	20.7
4 21	12 16.25	− 7 21.5	2.438	3.376	7.2	20.9
5 1	12 11.20	− 6 47.1	2.504	3.373	10.1	21.1

333499 2005 CC_{18} 3 29.2 120.°55 3.°4/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.65	−13 50.4	1.706	2.480	17.2	20.9
3 2	12 55.09	−13 59.1	1.627	2.489	13.9	20.7
3 12	12 48.00	−13 47.8	1.568	2.499	10.0	20.5
3 22	12 39.04	−13 17.2	1.533	2.508	5.9	20.3
4 1	12 29.24	−12 30.7	1.524	2.517	3.4	20.2
4 11	12 19.82	−11 34.8	1.544	2.525	5.8	20.3
4 21	12 11.86	−10 37.2	1.589	2.533	9.8	20.6
5 1	12 6.14	− 9 45.2	1.658	2.541	13.6	20.8

170803 2004 DY_{29} 3 29.2 120.°43 4.°0/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.54	−16 15.5	2.331	3.073	14.0	20.2
3 2	12 53.66	−16 47.1	2.239	3.078	11.6	20.0
3 12	12 46.80	−17 3.6	2.170	3.083	8.7	19.8
3 22	12 38.48	−17 4.5	2.126	3.088	5.8	19.6
4 1	12 29.46	−16 50.7	2.110	3.093	4.1	19.5
4 11	12 20.64	−16 25.7	2.123	3.098	5.2	19.6
4 21	12 12.85	−15 54.1	2.164	3.103	8.0	19.8
5 1	12 6.76	−15 21.3	2.230	3.107	10.8	20.0

303770 2005 QR_{172} 3 29.2 232.°65 1.°8/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.85	−11 48.8	2.797	3.559	11.5	21.6
3 2	12 49.76	−11 41.1	2.690	3.549	9.2	21.4
3 12	12 44.10	−11 21.0	2.607	3.539	6.5	21.2
3 22	12 37.29	−10 49.7	2.550	3.529	3.6	21.0
4 1	12 29.91	−10 9.8	2.523	3.518	1.8	20.9
4 11	12 22.64	− 9 25.1	2.526	3.507	3.9	21.0
4 21	12 16.12	− 8 39.9	2.558	3.496	6.9	21.2
5 1	12 10.89	− 7 58.5	2.616	3.485	9.7	21.3

409938 2006 UF_{78} 3 29.2 95.°84 0.°1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.09	− 5 4.8	1.783	2.585	15.5	22.2
3 2	12 55.09	− 4 49.6	1.715	2.603	12.0	22.0
3 12	12 47.79	− 4 21.7	1.669	2.620	7.8	21.8
3 22	12 38.88	− 3 44.6	1.648	2.637	3.3	21.5
4 1	12 29.34	− 3 3.8	1.656	2.654	1.3	21.4
4 11	12 20.28	− 2 25.2	1.692	2.671	5.8	21.7
4 21	12 12.64	− 1 54.3	1.755	2.687	9.9	22.0
5 1	12 7.09	− 1 34.8	1.841	2.703	13.4	22.3

312114 2007 TG_{177} 3 29.2 131.°84 0.°7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.73	− 4 59.4	1.907	2.707	14.7	22.1
3 2	12 53.95	− 4 15.2	1.833	2.722	11.3	21.9
3 12	12 47.01	− 3 17.5	1.783	2.735	7.3	21.7
3 22	12 38.55	− 2 10.8	1.759	2.749	3.0	21.4
4 1	12 29.48	− 1 1.7	1.764	2.761	1.7	21.4
4 11	12 20.82	+ 0 2.6	1.798	2.773	5.9	21.7
4 21	12 13.45	+ 0 56.2	1.859	2.784	9.9	21.9
5 1	12 8.01	+ 1 34.9	1.944	2.794	13.3	22.1

493480 2014 YZ_{49} 3 29.2 357.°83 0.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.72	+11 25.4	38.687	39.507	0.8	21.4
3 2	12 34.08	+11 32.0	38.610	39.507	0.6	21.3
3 12	12 33.36	+11 38.4	38.560	39.507	0.4	21.3
3 22	12 32.58	+11 44.4	38.539	39.507	0.4	21.3
4 1	12 31.79	+11 49.9	38.548	39.507	0.4	21.3
4 11	12 31.00	+11 54.7	38.585	39.507	0.6	21.3
4 21	12 30.25	+11 58.5	38.650	39.507	0.8	21.3
5 1	12 29.56	+12 1.3	38.740	39.506	1.0	21.4

409416 2005 GR_{200} 3 29.2 62.°05 1.°7/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.69	− 3 54.8	1.485	2.312	16.8	21.5
3 2	12 51.48	− 2 53.7	1.414	2.318	12.9	21.2
3 12	12 45.71	− 1 35.6	1.365	2.325	8.3	21.0
3 22	12 38.08	− 0 7.1	1.340	2.331	3.5	20.7
4 1	12 29.65	+ 1 22.4	1.342	2.338	2.8	20.7
4 11	12 21.67	+ 2 42.7	1.371	2.345	7.6	21.0
4 21	12 15.18	+ 3 45.9	1.424	2.352	12.1	21.3
5 1	12 10.95	+ 4 27.3	1.499	2.359	16.1	21.5

497367 2005 UN_{281} 3 29.2 220.°73 2.°9/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.12	+ 3 22.7	2.173	2.986	12.7	22.4
3 2	12 54.18	+ 3 58.5	2.081	2.977	9.7	22.2
3 12	12 47.18	+ 4 40.2	2.013	2.968	6.4	22.0
3 22	12 38.67	+ 5 22.9	1.973	2.959	3.4	21.8
4 1	12 29.42	+ 6 1.1	1.962	2.949	3.7	21.8
4 11	12 20.38	+ 6 29.5	1.980	2.939	6.9	21.9
4 21	12 12.39	+ 6 44.5	2.025	2.928	10.4	22.1
5 1	12 6.16	+ 6 44.1	2.093	2.916	13.5	22.3

76777 2000 KR_{59} 3 29.2 199.°80 4.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.05	+ 8 43.9	2.350	3.173	11.5	18.7
3 2	12 51.60	+ 9 32.6	2.272	3.171	8.9	18.5
3 12	12 45.35	+10 22.8	2.218	3.169	6.2	18.3
3 22	12 37.83	+11 9.3	2.192	3.168	4.4	18.2
4 1	12 29.76	+11 46.4	2.195	3.166	5.2	18.2
4 11	12 21.95	+12 9.6	2.226	3.163	7.7	18.4
4 21	12 15.14	+12 16.6	2.283	3.161	10.4	18.6
5 1	12 9.88	+12 6.7	2.362	3.158	13.0	18.7

416077 2002 NF_{63} 3 29.2 281.°37 1.°0/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.05	− 3 30.8	1.629	2.447	16.0	22.0
3 2	12 53.43	− 3 5.1	1.530	2.428	12.5	21.7
3 12	12 47.18	− 2 24.8	1.452	2.409	8.2	21.4
3 22	12 38.83	− 1 33.9	1.399	2.389	3.5	21.1
4 1	12 29.32	− 0 38.7	1.373	2.370	2.1	20.9
4 11	12 19.92	+ 0 12.8	1.374	2.350	7.1	21.2
4 21	12 11.79	+ 0 53.5	1.399	2.331	12.0	21.4
5 1	12 5.90	+ 1 18.2	1.447	2.311	16.3	21.6

180085 2003 EW_1 3 29.2 69.°78 0.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.12	− 4 49.2	2.268	3.062	12.8	20.1
3 2	12 52.48	− 4 49.9	2.183	3.067	10.0	19.9
3 12	12 45.97	− 4 41.3	2.122	3.071	6.6	19.7
3 22	12 38.11	− 4 25.6	2.088	3.076	2.9	19.4
4 1	12 29.65	− 4 6.1	2.083	3.081	1.0	19.3
4 11	12 21.46	− 3 46.8	2.107	3.086	4.8	19.6
4 21	12 14.29	− 3 31.6	2.158	3.091	8.3	19.8
5 1	12 8.75	− 3 23.6	2.235	3.096	11.4	20.0

313733 2003 UJ_{192} 3 29.2 97.°29 0.°2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.75	− 5 18.2	1.683	2.489	16.1	21.3
3 2	12 54.97	− 4 53.8	1.616	2.507	12.4	21.1
3 12	12 47.78	− 4 15.2	1.571	2.524	8.1	20.9
3 22	12 38.90	− 3 26.8	1.552	2.541	3.4	20.6
4 1	12 29.37	− 2 34.7	1.560	2.558	1.5	20.5
4 11	12 20.35	− 1 45.8	1.596	2.574	6.1	20.8
4 21	12 12.81	− 1 6.3	1.658	2.590	10.4	21.1
5 1	12 7.45	− 0 40.2	1.743	2.606	14.0	21.4

347741 2002 AP_{53} 3 29.2 126.°95 7.°3/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.20	+20 35.4	2.580	3.401	10.7	20.8
3 2	12 50.04	+22 4.7	2.528	3.409	8.9	20.7
3 12	12 44.25	+23 27.8	2.503	3.417	7.6	20.6
3 22	12 37.33	+24 37.8	2.504	3.425	7.4	20.6
4 1	12 29.98	+25 29.1	2.532	3.433	8.4	20.7
4 11	12 22.94	+25 58.4	2.585	3.440	10.1	20.8
4 21	12 16.86	+26 4.8	2.662	3.447	11.9	20.9
5 1	12 12.24	+25 49.5	2.758	3.454	13.5	21.1

498089 2007 RV_{244} 3 29.2 139.°36 1.°6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.08	+ 0 17.0	2.470	3.274	11.6	22.0
3 2	12 52.24	+ 0 40.7	2.390	3.282	8.9	21.9
3 12	12 45.70	+ 1 10.6	2.335	3.289	5.7	21.7
3 22	12 37.98	+ 1 43.2	2.308	3.297	2.5	21.5
4 1	12 29.76	+ 2 14.3	2.310	3.304	2.2	21.5
4 11	12 21.82	+ 2 39.8	2.343	3.310	5.3	21.7
4 21	12 14.83	+ 2 56.4	2.403	3.317	8.5	21.9
5 1	12 9.35	+ 3 2.2	2.487	3.323	11.2	22.1

155768 2000 SC_{232} 3 29.2 200.°21 10.°0/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 19.20	+17 31.3	1.215	2.037	20.2	20.2
3 2	13 11.34	+17 59.0	1.145	2.035	16.5	19.9
3 12	12 59.27	+18 16.5	1.095	2.033	12.7	19.7
3 22	12 44.03	+18 11.7	1.069	2.030	10.1	19.5
4 1	12 27.45	+17 35.0	1.067	2.027	10.8	19.6
4 11	12 11.76	+16 23.3	1.091	2.024	14.2	19.7
4 21	11 58.78	+14 41.1	1.139	2.019	18.4	20.0
5 1	11 49.63	+12 36.3	1.206	2.015	22.2	20.2

294689 2008 AG_{115} 3 29.2 254.°12 4.°8/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.00	−19 20.0	2.525	3.248	13.5	20.4
3 2	12 52.48	−19 55.7	2.422	3.243	11.4	20.2
3 12	12 46.07	−20 16.0	2.340	3.238	8.9	20.0
3 22	12 38.23	−20 19.7	2.284	3.233	6.4	19.8
4 1	12 29.65	−20 7.4	2.255	3.227	4.9	19.7
4 11	12 21.16	−19 41.7	2.254	3.222	5.5	19.8
4 21	12 13.57	−19 6.9	2.281	3.217	7.8	19.9
5 1	12 7.53	−18 28.4	2.334	3.211	10.4	20.0

251654 1993 RB_{15} 3 29.2 105.°51 3.°0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.70	−16 53.0	2.055	2.806	15.4	20.3
3 2	12 52.29	−16 20.2	1.980	2.828	12.4	20.1
3 12	12 45.87	−15 26.1	1.927	2.850	9.0	19.9
3 22	12 38.07	−14 12.9	1.899	2.870	5.4	19.7
4 1	12 29.75	−12 45.6	1.899	2.891	3.0	19.6
4 11	12 21.85	−11 11.6	1.929	2.911	4.9	19.8
4 21	12 15.17	− 9 38.9	1.987	2.930	8.3	20.0
5 1	12 10.31	− 8 14.6	2.071	2.948	11.5	20.2

41928 2000 WQ_{172} 3 29.2 62.°01 4.°4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.48	+ 3 3.1	1.702	2.538	14.6	19.1
3 2	12 50.10	+ 4 41.2	1.646	2.556	11.0	18.9
3 12	12 44.55	+ 6 27.8	1.615	2.575	7.2	18.7
3 22	12 37.53	+ 8 13.5	1.610	2.593	4.5	18.6
4 1	12 29.97	+ 9 48.6	1.633	2.612	5.6	18.7
4 11	12 22.89	+11 4.9	1.683	2.631	8.9	18.9
4 21	12 17.13	+11 57.6	1.757	2.650	12.3	19.2
5 1	12 13.31	+12 25.4	1.853	2.669	15.3	19.4

70440 1999 TV_7 3 29.2 234.°80 3.°5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.13	+ 4 29.2	2.114	2.926	13.0	20.0
3 2	12 55.90	+ 5 12.5	2.015	2.910	10.1	19.8
3 12	12 48.44	+ 6 1.8	1.939	2.893	6.7	19.6
3 22	12 39.28	+ 6 51.8	1.891	2.875	3.9	19.3
4 1	12 29.25	+ 7 36.1	1.873	2.856	4.4	19.3
4 11	12 19.35	+ 8 8.8	1.883	2.837	7.6	19.5
4 21	12 10.52	+ 8 25.9	1.920	2.816	11.2	19.7
5 1	12 3.54	+ 8 25.6	1.981	2.795	14.5	19.8

402863 2007 RW_{126} 3 29.2 98.°91 0.°1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.78	− 6 39.8	1.728	2.527	16.0	22.0
3 2	12 54.88	− 6 2.2	1.664	2.551	12.3	21.8
3 12	12 47.66	− 5 9.1	1.623	2.574	8.1	21.6
3 22	12 38.85	− 4 5.2	1.608	2.597	3.4	21.3
4 1	12 29.47	− 2 57.2	1.621	2.619	1.3	21.2
4 11	12 20.64	− 1 52.8	1.662	2.640	5.9	21.6
4 21	12 13.28	− 0 58.6	1.730	2.661	10.1	21.9
5 1	12 8.03	− 0 18.9	1.821	2.682	13.6	22.1

205233 2000 QO_{118} 3 29.2 239.°54 2.°8/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.13	−12 48.5	1.849	2.622	16.1	20.7
3 2	12 54.81	−12 48.4	1.744	2.609	13.1	20.5
3 12	12 47.98	−12 29.5	1.660	2.594	9.4	20.2
3 22	12 39.17	−11 52.3	1.601	2.579	5.4	19.9
4 1	12 29.28	−10 59.8	1.569	2.563	2.8	19.7
4 11	12 19.47	− 9 58.1	1.565	2.547	5.7	19.9
4 21	12 10.85	− 8 54.7	1.588	2.530	10.0	20.1
5 1	12 4.32	− 7 57.4	1.635	2.513	14.0	20.3

490188 2008 UT_{303} 3 29.2 59.°93 3.°9/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.80	−17 21.1	1.926	2.683	16.1	21.6
3 2	12 51.02	−17 16.4	1.855	2.703	13.1	21.5
3 12	12 45.13	−16 50.6	1.804	2.724	9.7	21.3
3 22	12 37.79	−16 4.8	1.778	2.745	6.2	21.1
4 1	12 29.87	−15 2.7	1.778	2.766	3.9	21.0
4 11	12 22.37	−13 51.0	1.807	2.787	5.3	21.1
4 21	12 16.12	−12 37.1	1.862	2.808	8.5	21.4
5 1	12 11.74	−11 28.3	1.942	2.829	11.7	21.6

343054 2009 BJ_{187} 3 29.2 64.°21 0.°2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.96	− 4 27.0	2.125	2.922	13.5	20.5
3 2	12 53.23	− 4 28.8	2.045	2.930	10.4	20.4
3 12	12 46.51	− 4 21.1	1.989	2.939	6.9	20.1
3 22	12 38.38	− 4 6.2	1.959	2.947	3.0	19.9
4 1	12 29.64	− 3 47.7	1.958	2.956	1.1	19.8
4 11	12 21.22	− 3 29.8	1.986	2.965	5.0	20.1
4 21	12 13.91	− 3 16.4	2.041	2.974	8.7	20.3
5 1	12 8.35	− 3 10.8	2.121	2.983	11.9	20.5

292276 2006 SK_{121} 3 29.2 157.°47 0.°6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.73	− 7 27.3	2.805	3.583	11.0	21.1
3 2	12 50.32	− 7 11.6	2.715	3.588	8.6	20.9
3 12	12 44.41	− 6 45.9	2.650	3.593	5.8	20.8
3 22	12 37.44	− 6 12.4	2.612	3.598	2.7	20.5
4 1	12 30.00	− 5 34.1	2.604	3.603	0.9	20.4
4 11	12 22.77	− 4 55.1	2.627	3.607	3.9	20.6
4 21	12 16.33	− 4 19.2	2.678	3.610	6.9	20.8
5 1	12 11.18	− 3 49.7	2.756	3.614	9.6	21.0

98595 2000 WO_{57} 3 29.2 123.°80 2.°0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.95	− 1 12.0	1.841	2.651	14.7	20.0
3 2	12 54.93	− 0 25.0	1.773	2.668	11.2	19.8
3 12	12 47.68	+ 0 32.5	1.728	2.684	7.2	19.6
3 22	12 38.88	+ 1 35.0	1.710	2.699	3.2	19.3
4 1	12 29.47	+ 2 35.5	1.720	2.714	2.9	19.3
4 11	12 20.54	+ 3 27.1	1.759	2.727	6.8	19.6
4 21	12 12.96	+ 4 5.0	1.825	2.741	10.6	19.9
5 1	12 7.41	+ 4 26.3	1.913	2.753	13.9	20.1

346089 2007 VQ_7 3 29.2 252.°91 0.°3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.70	− 4 38.4	2.442	3.236	12.1	22.1
3 2	12 51.46	− 4 13.3	2.333	3.218	9.4	21.9
3 12	12 45.40	− 3 37.6	2.248	3.199	6.2	21.7
3 22	12 37.96	− 2 53.9	2.191	3.180	2.6	21.4
4 1	12 29.80	− 2 6.5	2.163	3.161	1.2	21.2
4 11	12 21.72	− 1 20.4	2.164	3.141	5.0	21.5
4 21	12 14.47	− 0 40.1	2.194	3.120	8.6	21.7
5 1	12 8.70	− 0 9.8	2.249	3.099	11.7	21.8

73658 1981 EU_{14} 3 29.2 317.°60 2.°5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.81	− 9 42.2	1.488	2.293	17.9	19.0
3 2	12 53.51	−10 1.4	1.396	2.281	14.4	18.7
3 12	12 47.38	−10 3.3	1.323	2.268	10.1	18.4
3 22	12 38.99	− 9 48.4	1.273	2.256	5.4	18.1
4 1	12 29.38	− 9 19.7	1.248	2.245	2.6	17.9
4 11	12 19.90	− 8 43.4	1.250	2.234	6.5	18.1
4 21	12 11.86	− 8 6.9	1.275	2.223	11.4	18.4
5 1	12 6.28	− 7 37.5	1.323	2.213	15.8	18.6

217418 2005 QG_{39} 3 29.2 171.°66 4.°5/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.86	+ 6 10.0	2.169	2.993	12.3	21.5
3 2	12 51.61	+ 7 36.1	2.095	2.997	9.4	21.3
3 12	12 45.45	+ 9 7.6	2.046	2.999	6.5	21.1
3 22	12 37.94	+10 37.4	2.025	3.002	4.5	21.0
4 1	12 29.83	+11 57.7	2.033	3.003	5.5	21.1
4 11	12 22.02	+13 1.9	2.069	3.005	8.3	21.2
4 21	12 15.27	+13 46.2	2.131	3.005	11.3	21.4
5 1	12 10.18	+14 9.1	2.216	3.005	13.9	21.6

322231 2011 BE_{65} 3 29.2 326.°21 0.°8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.98	− 7 14.4	1.560	2.375	16.7	20.9
3 2	12 51.10	− 7 5.1	1.469	2.363	13.2	20.7
3 12	12 45.65	− 6 38.8	1.398	2.351	8.9	20.4
3 22	12 38.20	− 5 58.2	1.352	2.340	4.1	20.1
4 1	12 29.70	− 5 8.5	1.331	2.329	1.4	19.8
4 11	12 21.40	− 4 17.2	1.336	2.319	6.3	20.1
4 21	12 14.43	− 3 31.7	1.366	2.310	11.2	20.4
5 1	12 9.69	− 2 58.5	1.418	2.301	15.4	20.6

96408 1998 EV_9 3 29.2 47.°49 1.°2/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.49	− 4 41.7	1.294	2.126	18.5	19.2
3 2	12 52.36	− 3 55.9	1.234	2.140	14.2	19.0
3 12	12 46.41	− 2 51.9	1.194	2.154	9.2	18.8
3 22	12 38.44	− 1 36.4	1.177	2.168	3.8	18.5
4 1	12 29.68	− 0 18.9	1.186	2.183	2.4	18.4
4 11	12 21.52	+ 0 50.3	1.220	2.198	7.6	18.8
4 21	12 15.09	+ 1 43.2	1.278	2.214	12.5	19.1
5 1	12 11.17	+ 2 15.2	1.356	2.230	16.6	19.4

499021 2009 CR_{62} 3 29.3 67.°34 1.°7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.07	− 7 52.6	2.168	2.946	13.9	21.1
3 2	12 55.66	− 8 21.2	2.082	2.953	11.0	20.9
3 12	12 48.16	− 8 39.3	2.019	2.959	7.6	20.7
3 22	12 39.13	− 8 47.7	1.983	2.966	3.9	20.5
4 1	12 29.41	− 8 48.3	1.976	2.972	1.8	20.4
4 11	12 19.95	− 8 44.5	1.998	2.979	4.8	20.6
4 21	12 11.63	− 8 39.9	2.049	2.986	8.4	20.8
5 1	12 5.12	− 8 38.2	2.125	2.993	11.6	21.0

215968 2005 QO_{53} 3 29.3 199.°10 0.°2/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.69	− 4 59.0	2.923	3.710	10.4	21.6
3 2	12 49.51	− 4 33.8	2.826	3.707	8.0	21.5
3 12	12 43.89	− 3 59.8	2.754	3.703	5.3	21.3
3 22	12 37.25	− 3 19.6	2.711	3.699	2.2	21.1
4 1	12 30.13	− 2 36.6	2.697	3.695	1.0	20.9
4 11	12 23.16	− 1 54.7	2.714	3.690	4.1	21.2
4 21	12 16.92	− 1 17.7	2.760	3.685	7.0	21.4
5 1	12 11.89	− 0 48.7	2.831	3.680	9.7	21.5

225501 2000 NB_{19} 3 29.3 245.°61 1.°9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.56	− 0 47.8	2.087	2.898	13.2	21.1
3 2	12 52.40	− 0 6.1	1.989	2.885	10.2	20.8
3 12	12 46.15	+ 0 45.9	1.914	2.871	6.6	20.6
3 22	12 38.33	+ 1 43.6	1.867	2.856	3.0	20.3
4 1	12 29.71	+ 2 41.2	1.848	2.841	2.8	20.3
4 11	12 21.23	+ 3 32.2	1.858	2.826	6.5	20.5
4 21	12 13.78	+ 4 11.4	1.894	2.810	10.3	20.7
5 1	12 8.06	+ 4 35.2	1.954	2.794	13.7	20.9

437247 2012 XN_{49} 3 29.3 359.°90 13.°0/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.51	+35 23.2	1.973	2.758	14.8	20.4
3 2	12 57.87	+36 35.4	1.931	2.757	13.6	20.3
3 12	12 49.65	+37 27.4	1.910	2.756	13.1	20.3
3 22	12 39.72	+37 50.7	1.911	2.756	13.2	20.3
4 1	12 29.24	+37 39.3	1.934	2.756	14.1	20.3
4 11	12 19.49	+36 52.3	1.977	2.757	15.5	20.4
4 21	12 11.45	+35 32.8	2.038	2.758	17.0	20.6
5 1	12 5.79	+33 46.5	2.117	2.760	18.5	20.7

155094 2005 SB_{192} 3 29.3 20.°16 1.°9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.28	− 0 17.7	1.494	2.325	16.5	20.2
3 2	12 53.50	− 0 0.5	1.423	2.329	12.7	20.0
3 12	12 47.09	+ 0 26.9	1.374	2.333	8.2	19.7
3 22	12 38.75	+ 0 59.4	1.348	2.339	3.6	19.4
4 1	12 29.58	+ 1 30.5	1.349	2.344	2.9	19.4
4 11	12 20.85	+ 1 53.6	1.376	2.351	7.4	19.7
4 21	12 13.67	+ 2 3.8	1.427	2.358	11.9	20.0
5 1	12 8.81	+ 1 58.5	1.500	2.365	15.8	20.2

346868 2009 FC_{19} 3 29.3 21.°40 1.°0/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.29	− 3 3.5	2.158	2.967	12.9	21.7
3 2	12 49.68	− 2 29.0	2.074	2.969	9.9	21.5
3 12	12 44.23	− 1 44.1	2.015	2.970	6.4	21.3
3 22	12 37.45	− 0 52.7	1.982	2.972	2.7	21.0
4 1	12 30.08	+ 0 0.1	1.977	2.973	1.8	21.0
4 11	12 22.96	+ 0 48.4	2.001	2.975	5.5	21.2
4 21	12 16.84	+ 1 27.5	2.052	2.977	9.1	21.4
5 1	12 12.32	+ 1 53.9	2.126	2.979	12.2	21.6

212933 2008 DQ_8 3 29.3 304.°13 0.°8/28.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.40	− 3 12.2	2.200	3.008	12.7	20.8
3 2	12 49.84	− 2 46.8	2.104	2.997	9.8	20.5
3 12	12 44.40	− 2 11.0	2.031	2.985	6.4	20.3
3 22	12 37.56	− 1 28.3	1.984	2.974	2.7	20.0
4 1	12 30.03	− 0 43.3	1.966	2.963	1.6	19.9
4 11	12 22.65	− 0 1.5	1.976	2.952	5.4	20.2
4 21	12 16.22	+ 0 32.5	2.014	2.941	9.1	20.4
5 1	12 11.36	+ 0 54.9	2.075	2.930	12.4	20.6

400581 2008 YS_{79} 3 29.3 134.°67 1.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.95	− 4 1.0	1.752	2.561	15.5	22.2
3 2	12 54.36	− 3 13.1	1.679	2.572	11.9	22.0
3 12	12 47.44	− 2 11.1	1.629	2.584	7.7	21.8
3 22	12 38.85	− 1 0.3	1.604	2.594	3.2	21.5
4 1	12 29.57	+ 0 11.9	1.608	2.604	2.2	21.5
4 11	12 20.71	+ 1 17.6	1.640	2.613	6.6	21.8
4 21	12 13.24	+ 2 10.4	1.698	2.622	10.7	22.0
5 1	12 7.85	+ 2 46.4	1.779	2.630	14.3	22.3

16223 2000 DR_{69} 3 29.3 229.°53 0.°4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.03	− 6 49.8	2.214	3.006	13.2	18.6
3 2	12 51.04	− 6 31.6	2.121	3.003	10.3	18.4
3 12	12 45.15	− 6 1.0	2.052	3.000	6.9	18.2
3 22	12 37.87	− 5 20.7	2.009	2.996	3.1	17.9
4 1	12 29.92	− 4 34.7	1.994	2.993	1.0	17.7
4 11	12 22.18	− 3 48.5	2.009	2.989	4.9	18.0
4 21	12 15.42	− 3 7.1	2.051	2.985	8.6	18.2
5 1	12 10.28	− 2 34.8	2.118	2.981	11.9	18.4

387825 2004 GY_{16} 3 29.3 326.°16 7.°4/21.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 49.34	+10 2.3	1.616	2.470	14.3	19.8
3 2	12 47.57	+11 46.3	1.521	2.437	11.3	19.5
3 12	12 43.39	+13 38.5	1.449	2.403	8.5	19.3
3 22	12 37.28	+15 28.4	1.403	2.371	7.4	19.1
4 1	12 30.11	+17 4.2	1.382	2.339	9.1	19.2
4 11	12 23.00	+18 15.2	1.385	2.308	12.5	19.3
4 21	12 17.04	+18 55.3	1.410	2.279	16.2	19.4
5 1	12 13.16	+19 2.5	1.452	2.250	19.6	19.6

235936 2005 EJ_{127} 3 29.3 268.°04 1.°3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.33	− 2 22.3	2.053	2.866	13.3	21.2
3 2	12 50.61	− 1 43.8	1.967	2.864	10.2	21.0
3 12	12 44.91	− 0 54.4	1.905	2.861	6.6	20.8
3 22	12 37.77	+ 0 1.5	1.869	2.859	2.8	20.5
4 1	12 29.97	+ 0 58.2	1.862	2.857	2.2	20.5
4 11	12 22.41	+ 1 49.4	1.882	2.855	6.0	20.7
4 21	12 15.91	+ 2 29.9	1.930	2.852	9.7	20.9
5 1	12 11.11	+ 2 56.3	2.000	2.850	13.0	21.1

384869 2012 SY_{37} 3 29.3 142.°80 0.°1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.24	− 5 44.3	2.329	3.122	12.6	22.1
3 2	12 51.03	− 5 21.3	2.244	3.127	9.7	21.9
3 12	12 45.04	− 4 47.3	2.182	3.132	6.4	21.7
3 22	12 37.79	− 4 5.2	2.148	3.136	2.8	21.4
4 1	12 29.98	− 3 19.2	2.143	3.141	1.0	21.3
4 11	12 22.41	− 2 34.4	2.166	3.145	4.8	21.6
4 21	12 15.81	− 1 55.3	2.218	3.149	8.2	21.8
5 1	12 10.76	− 1 25.9	2.295	3.152	11.3	22.0

327029 2004 RY_{253} 3 29.3 159.°11 4.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.59	+ 8 20.5	2.450	3.267	11.3	21.3
3 2	12 52.67	+ 9 18.5	2.377	3.274	8.7	21.1
3 12	12 46.02	+10 18.4	2.330	3.280	6.0	21.0
3 22	12 38.18	+11 14.7	2.312	3.287	4.3	20.9
4 1	12 29.84	+12 1.6	2.323	3.292	5.0	20.9
4 11	12 21.81	+12 34.6	2.362	3.297	7.4	21.1
4 21	12 14.76	+12 51.4	2.428	3.301	10.1	21.3
5 1	12 9.25	+12 51.1	2.518	3.305	12.5	21.4

431578 2007 VW_{32} 3 29.3 238.°07 1.°7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.35	+ 0 34.4	2.417	3.222	11.8	21.6
3 2	12 52.67	+ 0 55.5	2.320	3.212	9.1	21.4
3 12	12 46.15	+ 1 23.0	2.248	3.202	5.9	21.2
3 22	12 38.29	+ 1 53.6	2.203	3.192	2.7	20.9
4 1	12 29.78	+ 2 22.9	2.187	3.181	2.4	20.9
4 11	12 21.42	+ 2 46.7	2.202	3.170	5.6	21.1
4 21	12 13.97	+ 3 1.3	2.244	3.158	9.0	21.3
5 1	12 8.06	+ 3 4.6	2.310	3.146	12.0	21.4

501210 2013 TF_{142} 3 29.3 225.°85 1.°3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.25	− 1 51.4	2.056	2.864	13.5	22.4
3 2	12 52.91	− 1 21.7	1.964	2.858	10.4	22.2
3 12	12 46.46	− 0 41.8	1.896	2.851	6.8	22.0
3 22	12 38.46	+ 0 4.3	1.854	2.844	2.9	21.7
4 1	12 29.71	+ 0 51.1	1.841	2.836	2.2	21.6
4 11	12 21.17	+ 1 32.7	1.856	2.829	6.1	21.9
4 21	12 13.71	+ 2 4.5	1.899	2.820	9.9	22.1
5 1	12 8.03	+ 2 22.8	1.965	2.812	13.3	22.3

334941 2004 BF_{105} 3 29.3 74.°27 3.°6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.01	+ 3 52.1	2.057	2.884	12.8	20.6
3 2	12 50.18	+ 5 2.4	1.997	2.901	9.7	20.4
3 12	12 44.48	+ 6 18.6	1.960	2.918	6.4	20.3
3 22	12 37.53	+ 7 33.9	1.951	2.935	3.8	20.1
4 1	12 30.10	+ 8 41.4	1.971	2.952	4.6	20.2
4 11	12 23.06	+ 9 35.1	2.018	2.968	7.5	20.4
4 21	12 17.14	+10 11.2	2.091	2.985	10.6	20.6
5 1	12 12.88	+10 28.4	2.187	3.001	13.3	20.9

49675 1999 SW_{27} 3 29.3 54.°12 17.°2/14.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.19	−38 27.0	1.152	1.832	28.6	17.6
3 2	12 56.15	−40 20.5	1.089	1.841	26.3	17.4
3 12	12 49.96	−41 31.6	1.036	1.851	23.7	17.2
3 22	12 40.35	−41 49.5	0.996	1.860	21.0	17.1
4 1	12 28.96	−41 6.6	0.971	1.870	18.6	17.0
4 11	12 18.07	−39 25.1	0.964	1.881	17.3	16.9
4 21	12 9.73	−36 57.7	0.976	1.891	17.6	17.0
5 1	12 5.27	−34 4.0	1.006	1.902	19.2	17.1

399556 2003 ST_{32} 3 29.3 145.°54 5.°1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.28	−19 42.2	2.158	2.880	15.6	21.8
3 2	12 56.73	−20 7.6	2.071	2.892	13.0	21.6
3 12	12 48.94	−20 13.7	2.004	2.904	10.0	21.5
3 22	12 39.51	−19 59.5	1.963	2.915	7.1	21.3
4 1	12 29.33	−19 26.3	1.949	2.925	5.1	21.2
4 11	12 19.44	−18 38.3	1.964	2.934	6.0	21.3
4 21	12 10.79	−17 41.8	2.006	2.943	8.6	21.4
5 1	12 4.08	−16 43.9	2.075	2.950	11.6	21.6

455727 2005 GK_{131} 3 29.3 38.°88 2.°1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.20	− 1 12.8	1.311	2.148	18.0	21.2
3 2	12 53.68	− 0 42.1	1.250	2.158	13.8	20.9
3 12	12 47.30	+ 0 1.7	1.209	2.170	8.9	20.7
3 22	12 38.86	+ 0 52.1	1.191	2.182	3.8	20.4
4 1	12 29.60	+ 1 41.0	1.199	2.194	3.2	20.4
4 11	12 20.92	+ 2 19.9	1.232	2.207	8.0	20.7
4 21	12 14.00	+ 2 43.0	1.288	2.220	12.8	21.0
5 1	12 9.62	+ 2 47.2	1.365	2.234	16.8	21.3

264968 2003 AA_{36} 3 29.3 32.°98 8.°3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.88	−25 9.0	1.357	2.107	22.0	19.4
3 2	12 50.61	−25 37.7	1.292	2.122	18.8	19.3
3 12	12 45.42	−25 32.2	1.242	2.138	15.2	19.1
3 22	12 38.10	−24 50.5	1.213	2.155	11.5	18.9
4 1	12 29.88	−23 34.7	1.205	2.173	8.7	18.8
4 11	12 22.19	−21 53.5	1.221	2.192	8.7	18.8
4 21	12 16.26	−19 59.6	1.261	2.212	11.2	19.0
5 1	12 12.90	−18 6.3	1.323	2.232	14.5	19.3

358061 2006 HA_{63} 3 29.3 307.°14 2.°6/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.83	− 0 32.4	1.346	2.185	17.5	21.1
3 2	12 53.06	− 0 0.1	1.254	2.164	13.6	20.8
3 12	12 47.27	+ 0 46.6	1.182	2.143	9.0	20.4
3 22	12 39.05	+ 1 41.9	1.133	2.123	4.0	20.1
4 1	12 29.46	+ 2 37.6	1.108	2.103	3.7	20.0
4 11	12 19.97	+ 3 23.8	1.109	2.083	8.9	20.2
4 21	12 11.99	+ 3 52.9	1.133	2.064	14.2	20.4
5 1	12 6.62	+ 4 0.2	1.176	2.046	18.9	20.7

426504 2013 RO_{37} 3 29.3 74.°98 1.°8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.88	− 4 0.0	1.847	2.663	14.4	20.5
3 2	12 49.59	− 2 40.2	1.776	2.675	11.0	20.3
3 12	12 44.25	− 1 5.4	1.729	2.687	7.0	20.1
3 22	12 37.48	+ 0 37.5	1.708	2.699	3.0	19.8
4 1	12 30.13	+ 2 19.9	1.717	2.711	2.8	19.8
4 11	12 23.15	+ 3 52.9	1.753	2.722	6.7	20.1
4 21	12 17.37	+ 5 9.6	1.816	2.734	10.5	20.3
5 1	12 13.39	+ 6 5.9	1.902	2.746	13.8	20.6

16504 1990 TR_5 3 29.3 235.°14 2.°4/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.62	−13 11.0	1.959	2.727	15.5	19.5
3 2	12 54.30	−12 54.6	1.850	2.712	12.5	19.2
3 12	12 47.61	−12 18.4	1.763	2.696	9.0	19.0
3 22	12 39.05	−11 23.4	1.700	2.679	5.0	18.7
4 1	12 29.49	−10 13.4	1.666	2.661	2.4	18.5
4 11	12 20.00	− 8 54.9	1.661	2.643	5.5	18.7
4 21	12 11.61	− 7 36.1	1.683	2.623	9.7	18.9
5 1	12 5.19	− 6 24.7	1.729	2.603	13.6	19.1

209382 2004 EO_{41} 3 29.3 275.°72 0.°4/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.76	− 6 17.2	2.268	3.068	12.7	20.0
3 2	12 48.53	− 5 28.1	2.170	3.058	9.8	19.7
3 12	12 43.52	− 4 24.9	2.096	3.048	6.4	19.5
3 22	12 37.19	− 3 11.6	2.049	3.038	2.7	19.3
4 1	12 30.22	− 1 53.4	2.030	3.028	1.3	19.1
4 11	12 23.42	− 0 37.2	2.041	3.018	5.2	19.4
4 21	12 17.51	+ 0 31.0	2.080	3.008	8.8	19.6
5 1	12 13.10	+ 1 26.3	2.143	2.998	12.1	19.8

457521 2008 WL_{22} 3 29.3 141.°20 0.°5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.75	− 6 52.8	1.719	2.515	16.2	22.2
3 2	12 56.64	− 6 37.1	1.642	2.526	12.7	21.9
3 12	12 49.02	− 6 6.1	1.587	2.536	8.5	21.7
3 22	12 39.58	− 5 23.2	1.557	2.545	3.8	21.4
4 1	12 29.35	− 4 33.6	1.555	2.554	1.2	21.3
4 11	12 19.54	− 3 44.4	1.582	2.562	6.0	21.6
4 21	12 11.19	− 3 1.9	1.635	2.569	10.4	21.9
5 1	12 5.08	− 2 31.1	1.711	2.576	14.1	22.1

28661 Jimdickens 3 29.3 225.°71 0.°2/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.17	− 5 32.3	2.363	3.158	12.3	19.5
3 2	12 50.28	− 5 2.0	2.268	3.153	9.6	19.3
3 12	12 44.61	− 4 20.2	2.197	3.147	6.3	19.1
3 22	12 37.65	− 3 29.9	2.153	3.142	2.7	18.8
4 1	12 30.07	− 2 35.7	2.138	3.136	1.1	18.7
4 11	12 22.67	− 1 42.8	2.152	3.129	4.9	19.0
4 21	12 16.17	− 0 56.4	2.194	3.123	8.4	19.2
5 1	12 11.16	− 0 20.3	2.261	3.116	11.5	19.3

180195 2003 SF_{110} 3 29.3 248.°57 1.°0/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.95	− 7 51.3	1.880	2.669	15.3	20.7
3 2	12 55.41	− 7 44.8	1.773	2.652	12.1	20.5
3 12	12 48.39	− 7 23.4	1.689	2.635	8.3	20.2
3 22	12 39.42	− 6 49.0	1.631	2.617	4.0	19.9
4 1	12 29.36	− 6 5.4	1.600	2.598	1.4	19.7
4 11	12 19.36	− 5 18.7	1.598	2.578	5.8	19.9
4 21	12 10.51	− 4 35.2	1.622	2.558	10.3	20.1
5 1	12 3.70	− 4 0.9	1.671	2.538	14.3	20.3

218022 2001 YK_{42} 3 29.3 144.°25 1.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.15	−10 26.6	2.407	3.174	13.0	21.8
3 2	12 53.18	−10 10.5	2.322	3.187	10.2	21.6
3 12	12 46.41	− 9 40.8	2.261	3.198	7.0	21.4
3 22	12 38.38	− 8 59.6	2.227	3.209	3.6	21.2
4 1	12 29.82	− 8 10.4	2.223	3.220	1.5	21.1
4 11	12 21.53	− 7 18.4	2.249	3.230	4.4	21.3
4 21	12 14.26	− 6 28.6	2.303	3.239	7.7	21.5
5 1	12 8.56	− 5 45.5	2.383	3.247	10.7	21.7

461925 2006 SM_{100} 3 29.3 351.°20 0.°3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.32	− 6 33.8	1.417	2.242	17.6	21.1
3 2	12 50.73	− 5 57.4	1.338	2.239	13.7	20.9
3 12	12 45.45	− 5 1.2	1.280	2.237	9.1	20.6
3 22	12 38.15	− 3 50.0	1.244	2.234	3.9	20.3
4 1	12 29.88	− 2 31.7	1.235	2.233	1.6	20.1
4 11	12 21.95	− 1 16.3	1.251	2.232	7.0	20.4
4 21	12 15.51	− 0 12.7	1.291	2.231	12.0	20.7
5 1	12 11.42	+ 0 32.4	1.353	2.231	16.3	21.0

463816 2014 TW_{15} 3 29.3 89.°94 2.°1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.35	−10 51.4	1.810	2.590	16.1	21.4
3 2	12 55.34	−10 50.0	1.742	2.612	12.8	21.2
3 12	12 48.02	−10 31.7	1.695	2.634	8.8	21.0
3 22	12 39.10	− 9 58.6	1.674	2.656	4.7	20.8
4 1	12 29.56	− 9 14.9	1.681	2.677	2.1	20.7
4 11	12 20.52	− 8 26.8	1.716	2.698	5.3	21.0
4 21	12 12.89	− 7 40.8	1.777	2.718	9.2	21.2
5 1	12 7.35	− 7 2.4	1.863	2.738	12.7	21.5

115156 2003 SR_{71} 3 29.3 92.°81 3.°5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.01	−14 52.5	1.598	2.377	18.0	19.8
3 2	12 53.29	−14 48.9	1.519	2.385	14.6	19.6
3 12	12 46.99	−14 22.3	1.460	2.392	10.6	19.4
3 22	12 38.76	−13 33.7	1.424	2.399	6.3	19.2
4 1	12 29.67	−12 27.3	1.414	2.407	3.5	19.0
4 11	12 20.96	−11 11.3	1.431	2.414	6.0	19.2
4 21	12 13.73	− 9 54.6	1.473	2.421	10.1	19.4
5 1	12 8.78	− 8 45.9	1.539	2.428	14.1	19.7

198625 2005 AA_{46} 3 29.3 64.°25 4.°3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.35	+ 7 24.0	1.928	2.753	13.6	20.0
3 2	12 54.46	+ 7 55.6	1.859	2.760	10.4	19.8
3 12	12 47.41	+ 8 29.1	1.813	2.767	7.1	19.6
3 22	12 38.85	+ 8 58.9	1.793	2.774	4.5	19.5
4 1	12 29.67	+ 9 19.1	1.801	2.781	5.1	19.5
4 11	12 20.91	+ 9 25.3	1.837	2.788	8.0	19.7
4 21	12 13.44	+ 9 15.5	1.899	2.795	11.3	19.9
5 1	12 7.91	+ 8 49.2	1.983	2.803	14.3	20.1

118115 3118 $T\text{-}_3$ 3 29.3 73.°94 0.°1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.02	− 6 55.2	1.657	2.466	16.2	19.9
3 2	12 52.25	− 6 18.7	1.588	2.479	12.5	19.7
3 12	12 46.13	− 5 25.5	1.540	2.493	8.3	19.5
3 22	12 38.34	− 4 20.2	1.517	2.506	3.6	19.2
4 1	12 29.87	− 3 9.7	1.521	2.520	1.3	19.1
4 11	12 21.85	− 2 2.1	1.553	2.533	6.1	19.4
4 21	12 15.22	− 1 4.5	1.611	2.546	10.4	19.7
5 1	12 10.69	− 0 22.1	1.691	2.560	14.1	20.0

153972 2002 AD_{81} 3 29.3 28.°92 5.°4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.09	−20 40.8	1.674	2.428	18.2	19.6
3 2	12 50.27	−20 41.2	1.591	2.433	15.3	19.4
3 12	12 45.01	−20 14.7	1.526	2.438	11.8	19.2
3 22	12 37.93	−19 20.8	1.484	2.443	8.1	19.0
4 1	12 30.01	−18 2.8	1.466	2.448	5.6	18.8
4 11	12 22.43	−16 28.3	1.475	2.454	6.5	18.9
4 21	12 16.20	−14 47.3	1.510	2.460	9.7	19.1
5 1	12 12.12	−13 10.1	1.568	2.467	13.3	19.3

127139 2002 GG_{112} 3 29.3 90.°79 2.°5/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.80	+ 0 25.1	1.956	2.775	13.7	19.8
3 2	12 51.68	+ 1 20.9	1.890	2.790	10.3	19.6
3 12	12 45.56	+ 2 25.6	1.847	2.805	6.7	19.4
3 22	12 38.06	+ 3 33.2	1.831	2.820	3.2	19.2
4 1	12 30.03	+ 4 36.9	1.844	2.834	3.4	19.2
4 11	12 22.40	+ 5 30.2	1.885	2.849	6.8	19.5
4 21	12 15.96	+ 6 8.6	1.952	2.863	10.3	19.7
5 1	12 11.31	+ 6 29.8	2.042	2.877	13.4	19.9

102265 1999 TK_{38} 3 29.3 51.°99 0.°2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.58	− 7 19.5	1.495	2.312	17.2	19.3
3 2	12 51.49	− 6 32.8	1.421	2.317	13.4	19.1
3 12	12 45.83	− 5 26.1	1.368	2.323	8.8	18.8
3 22	12 38.29	− 4 4.7	1.339	2.328	3.8	18.5
4 1	12 29.93	− 2 36.8	1.336	2.334	1.5	18.4
4 11	12 21.97	− 1 12.4	1.360	2.340	6.7	18.7
4 21	12 15.49	− 0 0.5	1.409	2.347	11.4	19.0
5 1	12 11.26	+ 0 52.8	1.480	2.353	15.5	19.3

88443 2001 QG_{77} 3 29.3 136.°81 1.°0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.53	−10 11.8	1.645	2.440	16.9	19.4
3 2	12 53.55	− 9 32.8	1.567	2.448	13.3	19.2
3 12	12 47.08	− 8 33.0	1.510	2.456	9.0	19.0
3 22	12 38.81	− 7 16.2	1.477	2.464	4.3	18.7
4 1	12 29.74	− 5 49.3	1.472	2.471	1.4	18.5
4 11	12 21.06	− 4 21.7	1.495	2.477	6.0	18.8
4 21	12 13.81	− 3 2.0	1.544	2.483	10.5	19.1
5 1	12 8.76	− 1 57.4	1.616	2.489	14.4	19.3

376379 2012 DU_{24} 3 29.3 261.°45 2.°9/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.99	+ 1 23.5	1.840	2.662	14.2	21.4
3 2	12 53.04	+ 2 10.2	1.747	2.649	11.0	21.1
3 12	12 46.76	+ 3 6.8	1.677	2.635	7.2	20.9
3 22	12 38.71	+ 4 7.6	1.632	2.620	3.6	20.6
4 1	12 29.75	+ 5 5.4	1.616	2.606	3.9	20.6
4 11	12 20.97	+ 5 53.1	1.627	2.591	7.7	20.8
4 21	12 13.35	+ 6 25.2	1.664	2.576	11.7	21.0
5 1	12 7.71	+ 6 38.6	1.723	2.561	15.3	21.2

494109 2016 CH_{48} 3 29.3 199.°58 4.°4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.63	+ 5 11.9	1.837	2.661	14.2	21.4
3 2	12 54.96	+ 6 14.4	1.757	2.658	10.9	21.1
3 12	12 47.93	+ 7 23.6	1.700	2.655	7.4	20.9
3 22	12 39.17	+ 8 32.1	1.669	2.651	4.6	20.7
4 1	12 29.61	+ 9 32.1	1.667	2.646	5.4	20.8
4 11	12 20.35	+10 16.5	1.692	2.641	8.7	20.9
4 21	12 12.37	+10 41.0	1.742	2.635	12.4	21.1
5 1	12 6.44	+10 44.2	1.814	2.628	15.6	21.3

463387 2013 CT_{82} 3 29.3 203.°20 0.°8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.46	− 9 15.6	2.617	3.373	12.3	23.7
3 2	12 57.29	− 8 43.7	2.505	3.365	9.7	23.5
3 12	12 49.20	− 7 58.1	2.419	3.356	6.6	23.2
3 22	12 39.67	− 7 1.1	2.361	3.346	3.1	23.0
4 1	12 29.42	− 5 56.5	2.335	3.333	1.0	22.8
4 11	12 19.29	− 4 49.7	2.342	3.319	4.5	23.0
4 21	12 10.07	− 3 46.2	2.379	3.304	8.0	23.2
5 1	12 2.42	− 2 50.9	2.443	3.286	11.2	23.4

214457 2005 SZ_{89} 3 29.3 215.°62 1.°3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.09	−12 28.5	3.190	3.945	10.3	21.2
3 2	12 48.27	−11 52.8	3.080	3.936	8.2	21.0
3 12	12 43.11	−11 4.2	2.995	3.927	5.8	20.8
3 22	12 37.00	−10 4.7	2.938	3.918	3.1	20.6
4 1	12 30.44	− 8 57.3	2.912	3.908	1.4	20.5
4 11	12 23.99	− 7 46.4	2.916	3.897	3.5	20.6
4 21	12 18.18	− 6 36.5	2.950	3.886	6.2	20.8
5 1	12 13.47	− 5 32.0	3.012	3.875	8.7	20.9

215375 2002 AV_{73} 3 29.3 122.°30 1.°0/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.24	− 2 9.5	2.671	3.471	11.0	21.1
3 2	12 50.00	− 1 34.8	2.593	3.483	8.4	21.0
3 12	12 44.25	− 0 52.4	2.541	3.494	5.4	20.8
3 22	12 37.48	− 0 5.7	2.516	3.505	2.3	20.6
4 1	12 30.28	+ 0 41.0	2.521	3.517	1.7	20.6
4 11	12 23.33	+ 1 23.4	2.556	3.527	4.7	20.8
4 21	12 17.23	+ 1 57.8	2.619	3.538	7.7	21.0
5 1	12 12.46	+ 2 21.7	2.708	3.548	10.3	21.2

443708 2015 KY_{122} 3 29.3 257.°83 6.°1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.10	+16 14.1	2.744	3.566	10.1	20.9
3 2	12 50.09	+17 33.5	2.657	3.547	8.2	20.7
3 12	12 44.45	+18 51.3	2.596	3.527	6.6	20.6
3 22	12 37.63	+20 1.4	2.563	3.507	6.1	20.5
4 1	12 30.21	+20 57.9	2.559	3.486	7.1	20.6
4 11	12 22.92	+21 36.2	2.581	3.465	9.0	20.7
4 21	12 16.41	+21 54.2	2.628	3.444	11.2	20.8
5 1	12 11.24	+21 51.7	2.695	3.423	13.2	20.9

85873 1999 CE_{1} 3 29.3 356.°26 4.°2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.57	+ 2 21.2	1.292	2.138	17.7	18.5
3 2	12 53.45	+ 3 15.7	1.222	2.136	13.6	18.3
3 12	12 47.36	+ 4 21.6	1.173	2.135	9.0	18.0
3 22	12 39.04	+ 5 30.5	1.147	2.134	4.8	17.8
4 1	12 29.70	+ 6 32.2	1.145	2.134	5.4	17.8
4 11	12 20.80	+ 7 17.0	1.169	2.134	9.8	18.0
4 21	12 13.62	+ 7 39.1	1.215	2.135	14.5	18.3
5 1	12 9.06	+ 7 36.4	1.280	2.135	18.5	18.5

193848 2001 QL_{109} 3 29.3 213.°77 2.°9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.52	+ 2 3.2	1.784	2.599	14.9	21.6
3 2	12 57.35	+ 2 38.1	1.695	2.592	11.5	21.3
3 12	12 49.62	+ 3 21.4	1.629	2.584	7.6	21.1
3 22	12 39.96	+ 4 7.5	1.589	2.576	3.8	20.8
4 1	12 29.35	+ 4 49.7	1.577	2.567	3.8	20.8
4 11	12 18.98	+ 5 21.2	1.594	2.557	7.8	21.0
4 21	12 9.96	+ 5 37.7	1.636	2.547	11.9	21.2
5 1	12 3.13	+ 5 36.6	1.701	2.536	15.6	21.4

208231 2000 SR_{260} 3 29.3 189.°72 0.°8/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.17	− 8 42.5	1.814	2.607	15.6	21.4
3 2	12 53.93	− 8 14.8	1.725	2.606	12.3	21.2
3 12	12 47.32	− 7 29.6	1.658	2.605	8.3	21.0
3 22	12 38.95	− 6 30.1	1.617	2.604	3.9	20.7
4 1	12 29.74	− 5 21.8	1.603	2.601	1.2	20.5
4 11	12 20.79	− 4 12.2	1.618	2.599	5.7	20.8
4 21	12 13.10	− 3 8.9	1.659	2.596	10.1	21.0
5 1	12 7.46	− 2 17.9	1.724	2.592	13.9	21.2

341711 2007 VO_{185} 3 29.3 49.°21 2.°4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.79	−15 31.7	1.960	2.730	15.4	20.2
3 2	12 48.70	−14 47.3	1.888	2.750	12.3	20.0
3 12	12 43.66	−13 41.4	1.838	2.770	8.8	19.8
3 22	12 37.28	−12 17.1	1.813	2.790	5.0	19.6
4 1	12 30.40	−10 40.4	1.816	2.811	2.4	19.5
4 11	12 23.90	− 8 59.4	1.847	2.831	4.8	19.7
4 21	12 18.56	− 7 22.4	1.907	2.852	8.4	20.0
5 1	12 14.94	− 5 56.5	1.991	2.873	11.7	20.2

386211 2007 VC_{329} 3 29.3 109.°43 1.°9/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.55	+ 1 22.3	2.307	3.116	12.2	21.1
3 2	12 52.79	+ 1 42.4	2.229	3.123	9.3	20.9
3 12	12 46.21	+ 2 8.2	2.175	3.130	6.0	20.7
3 22	12 38.37	+ 2 36.0	2.148	3.137	2.8	20.5
4 1	12 29.99	+ 3 1.4	2.151	3.144	2.6	20.5
4 11	12 21.90	+ 3 20.1	2.183	3.150	5.7	20.7
4 21	12 14.84	+ 3 29.2	2.242	3.157	9.0	21.0
5 1	12 9.38	+ 3 26.8	2.326	3.163	11.9	21.2

165408 2000 YV_{10} 3 29.3 111.°99 1.°8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.82	−10 21.8	1.766	2.549	16.4	20.5
3 2	12 55.85	−10 15.0	1.693	2.566	12.9	20.3
3 12	12 48.48	− 9 50.9	1.641	2.582	8.9	20.1
3 22	12 39.39	− 9 11.8	1.615	2.598	4.6	19.9
4 1	12 29.61	− 8 22.3	1.616	2.613	1.9	19.8
4 11	12 20.28	− 7 29.1	1.646	2.628	5.5	20.0
4 21	12 12.39	− 6 39.0	1.702	2.643	9.6	20.3
5 1	12 6.65	− 5 57.7	1.783	2.656	13.3	20.5

105448 2000 QZ_{190} 3 29.3 139.°09 5.°9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.45	+ 9 49.1	2.026	2.858	12.8	20.3
3 2	12 51.46	+11 24.1	1.962	2.865	9.9	20.1
3 12	12 45.47	+13 1.3	1.923	2.872	7.2	19.9
3 22	12 38.08	+14 32.5	1.911	2.878	5.9	19.9
4 1	12 30.11	+15 49.4	1.927	2.884	7.0	19.9
4 11	12 22.49	+16 45.8	1.970	2.890	9.6	20.1
4 21	12 16.01	+17 18.5	2.038	2.895	12.4	20.3
5 1	12 11.29	+17 27.4	2.126	2.900	14.9	20.5

218991 2008 HB_{17} 3 29.3 330.°55 1.°5/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.82	− 5 8.3	1.614	2.437	15.9	20.0
3 2	12 49.28	− 3 55.1	1.531	2.433	12.2	19.8
3 12	12 44.38	− 2 22.5	1.469	2.428	7.9	19.5
3 22	12 37.72	− 0 37.1	1.433	2.424	3.3	19.2
4 1	12 30.23	+ 1 11.7	1.425	2.420	2.7	19.2
4 11	12 23.02	+ 2 53.1	1.443	2.417	7.3	19.4
4 21	12 17.08	+ 4 18.1	1.487	2.413	11.8	19.7
5 1	12 13.19	+ 5 20.6	1.552	2.410	15.7	19.9

297463 2000 SD_{318} 3 29.3 118.°56 5.°8/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.74	−26 19.2	2.725	3.402	13.6	20.6
3 2	12 50.63	−26 35.8	2.633	3.413	11.7	20.5
3 12	12 44.82	−26 33.3	2.561	3.423	9.6	20.3
3 22	12 37.80	−26 10.6	2.513	3.432	7.5	20.2
4 1	12 30.22	−25 28.7	2.491	3.442	6.0	20.1
4 11	12 22.85	−24 31.0	2.497	3.451	6.0	20.1
4 21	12 16.39	−23 22.6	2.530	3.460	7.4	20.2
5 1	12 11.39	−22 9.6	2.590	3.469	9.4	20.4

124125 2001 KB_{6} 3 29.3 251.°66 0.°2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.50	− 5 25.5	1.646	2.451	16.4	20.4
3 2	12 56.22	− 5 5.0	1.544	2.434	12.9	20.1
3 12	12 49.17	− 4 28.6	1.463	2.415	8.7	19.8
3 22	12 39.90	− 3 39.4	1.407	2.396	3.8	19.5
4 1	12 29.39	− 2 43.1	1.379	2.377	1.5	19.3
4 11	12 18.93	− 1 47.5	1.377	2.356	6.8	19.6
4 21	12 9.77	− 1 0.2	1.402	2.335	11.8	19.8
5 1	12 2.93	− 0 27.2	1.449	2.314	16.2	20.0

266341 2007 DK_{80} 3 29.3 353.°33 2.°8/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.76	− 0 36.1	1.524	2.361	16.0	20.5
3 2	12 50.10	+ 0 23.2	1.448	2.358	12.2	20.3
3 12	12 44.96	+ 1 36.1	1.394	2.356	7.9	20.0
3 22	12 37.98	+ 2 55.8	1.364	2.354	3.7	19.8
4 1	12 30.16	+ 4 13.0	1.360	2.352	3.9	19.8
4 11	12 22.67	+ 5 18.4	1.383	2.351	8.2	20.0
4 21	12 16.55	+ 6 5.3	1.429	2.351	12.5	20.3
5 1	12 12.60	+ 6 30.1	1.497	2.352	16.3	20.5

439111 2011 SA_{89} 3 29.3 204.°27 0.°9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.39	− 7 52.2	2.568	3.348	11.9	21.5
3 2	12 51.09	− 7 48.0	2.473	3.346	9.3	21.3
3 12	12 45.12	− 7 33.2	2.402	3.345	6.4	21.1
3 22	12 37.94	− 7 9.6	2.358	3.343	3.1	20.9
4 1	12 30.18	− 6 40.1	2.343	3.341	1.1	20.7
4 11	12 22.60	− 6 8.7	2.358	3.339	4.2	21.0
4 21	12 15.86	− 5 39.3	2.401	3.337	7.4	21.2
5 1	12 10.53	− 5 15.6	2.470	3.334	10.3	21.3

37820 1998 BL_{8} 3 29.3 243.°85 4.°8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.94	−16 7.8	1.944	2.691	16.3	18.4
3 2	12 57.87	−16 46.5	1.834	2.676	13.6	18.1
3 12	12 50.17	−17 8.3	1.744	2.659	10.3	17.9
3 22	12 40.32	−17 11.5	1.678	2.642	6.9	17.6
4 1	12 29.24	−16 56.1	1.640	2.624	4.8	17.5
4 11	12 18.12	−16 25.3	1.630	2.605	6.4	17.5
4 21	12 8.14	−15 45.1	1.647	2.586	9.9	17.7
5 1	12 0.29	−15 2.7	1.689	2.566	13.7	17.9

439099 2011 SM_{24} 3 29.3 234.°80 0.°1/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.17	− 4 52.6	2.693	3.480	11.2	22.1
3 2	12 51.64	− 4 43.3	2.590	3.470	8.7	21.9
3 12	12 45.48	− 4 25.2	2.512	3.460	5.8	21.7
3 22	12 38.10	− 4 0.7	2.461	3.449	2.5	21.4
4 1	12 30.13	− 3 32.7	2.440	3.439	0.9	21.3
4 11	12 22.27	− 3 5.1	2.450	3.428	4.3	21.5
4 21	12 15.20	− 2 41.4	2.488	3.416	7.6	21.7
5 1	12 9.48	− 2 24.8	2.551	3.405	10.4	21.9

480777 2016 PL_{13} 3 29.3 254.°79 3.°7/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.34	+ 7 21.4	2.404	3.224	11.4	20.9
3 2	12 51.88	+ 7 57.5	2.321	3.219	8.8	20.8
3 12	12 45.66	+ 8 35.7	2.262	3.215	6.0	20.6
3 22	12 38.17	+ 9 11.3	2.230	3.210	3.9	20.4
4 1	12 30.11	+ 9 39.4	2.228	3.205	4.5	20.5
4 11	12 22.29	+ 9 55.7	2.254	3.200	7.0	20.6
4 21	12 15.41	+ 9 57.9	2.306	3.196	9.9	20.8
5 1	12 10.05	+ 9 45.0	2.382	3.191	12.5	20.9

435962 2009 DQ_{53} 3 29.3 289.°61 3.°9/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.44	+ 4 52.1	2.176	3.005	12.1	21.3
3 2	12 49.13	+ 6 3.2	2.091	2.996	9.3	21.1
3 12	12 43.98	+ 7 20.7	2.031	2.988	6.2	20.9
3 22	12 37.49	+ 8 38.5	1.999	2.980	4.0	20.7
4 1	12 30.36	+ 9 49.4	1.994	2.972	4.9	20.8
4 11	12 23.43	+10 47.1	2.018	2.964	7.8	20.9
4 21	12 17.46	+11 27.1	2.067	2.956	10.9	21.1
5 1	12 13.06	+11 47.5	2.139	2.948	13.7	21.3

372963 2011 BY_{111} 3 29.3 119.°63 0.°1/29.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.87	− 5 51.3	2.002	2.800	14.2	22.5
3 2	12 52.58	− 5 21.8	1.924	2.810	10.9	22.3
3 12	12 46.24	− 4 39.2	1.869	2.820	7.2	22.1
3 22	12 38.44	− 3 47.3	1.840	2.829	3.1	21.9
4 1	12 30.03	− 2 51.2	1.840	2.838	1.2	21.8
4 11	12 21.95	− 1 57.5	1.869	2.847	5.4	22.1
4 21	12 15.04	− 1 11.5	1.924	2.855	9.2	22.3
5 1	12 9.93	− 0 37.5	2.004	2.864	12.6	22.5

170113 2002 XV_{103} 3 29.3 124.°56 4.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.97	+ 9 41.4	2.390	3.213	11.4	20.2
3 2	12 51.52	+10 36.5	2.322	3.221	8.8	20.1
3 12	12 45.36	+11 32.3	2.280	3.229	6.2	19.9
3 22	12 38.01	+12 23.2	2.264	3.236	4.7	19.8
4 1	12 30.20	+13 3.6	2.278	3.244	5.4	19.9
4 11	12 22.69	+13 29.4	2.319	3.251	7.7	20.0
4 21	12 16.18	+13 38.3	2.386	3.257	10.3	20.2
5 1	12 11.19	+13 30.1	2.476	3.264	12.7	20.4

116663 2004 CJ_{40} 3 29.3 315.°51 4.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.00	+ 8 27.7	2.115	2.939	12.6	19.5
3 2	12 53.38	+ 9 2.0	2.036	2.936	9.7	19.3
3 12	12 46.75	+ 9 37.7	1.981	2.933	6.7	19.1
3 22	12 38.67	+10 9.3	1.952	2.930	4.6	19.0
4 1	12 29.95	+10 31.2	1.952	2.928	5.2	19.0
4 11	12 21.52	+10 39.2	1.980	2.925	7.9	19.2
4 21	12 14.21	+10 30.9	2.033	2.923	11.0	19.4
5 1	12 8.66	+10 6.1	2.109	2.920	13.8	19.5

299570 2006 DV_{214} 3 29.3 118.°76 2.°4/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.87	−10 25.7	1.569	2.358	17.8	21.3
3 2	12 57.10	−10 37.0	1.492	2.367	14.2	21.0
3 12	12 49.56	−10 30.2	1.435	2.376	9.9	20.8
3 22	12 39.97	−10 6.7	1.403	2.385	5.3	20.6
4 1	12 29.46	− 9 30.2	1.397	2.393	2.5	20.4
4 11	12 19.36	− 8 47.2	1.418	2.401	6.1	20.6
4 21	12 10.84	− 8 5.2	1.465	2.408	10.6	20.9
5 1	12 4.77	− 7 30.7	1.535	2.415	14.6	21.2

121927 2000 DX_{103} 3 29.3 127.°34 1.°7/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.08	− 1 26.0	1.596	2.409	16.5	20.0
3 2	12 57.81	− 0 58.8	1.526	2.422	12.7	19.8
3 12	12 49.88	− 0 20.3	1.478	2.434	8.2	19.6
3 22	12 40.05	+ 0 24.2	1.456	2.446	3.5	19.3
4 1	12 29.45	+ 1 8.2	1.461	2.457	2.6	19.3
4 11	12 19.36	+ 1 44.5	1.494	2.467	7.2	19.6
4 21	12 10.88	+ 2 8.1	1.553	2.477	11.6	19.8
5 1	12 4.78	+ 2 15.9	1.634	2.486	15.3	20.1

501499 2014 DB_{29} 3 29.3 47.°58 1.°6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.69	− 1 50.7	2.108	2.924	12.9	21.3
3 2	12 49.27	− 1 1.7	2.033	2.931	9.8	21.1
3 12	12 44.02	− 0 2.5	1.981	2.938	6.3	20.9
3 22	12 37.48	+ 1 2.0	1.956	2.946	2.7	20.7
4 1	12 30.39	+ 2 5.8	1.960	2.954	2.4	20.7
4 11	12 23.60	+ 3 2.6	1.992	2.962	5.9	20.9
4 21	12 17.84	+ 3 47.5	2.050	2.970	9.4	21.1
5 1	12 13.68	+ 4 17.4	2.132	2.978	12.5	21.4

30300 2000 HF_{86} 3 29.3 254.°64 4.°9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.20	+ 9 39.4	2.205	3.031	12.1	19.2
3 2	12 51.95	+10 32.0	2.126	3.027	9.4	19.0
3 12	12 45.78	+11 26.0	2.072	3.022	6.7	18.8
3 22	12 38.25	+12 15.2	2.045	3.018	5.0	18.7
4 1	12 30.10	+12 53.7	2.046	3.013	5.8	18.7
4 11	12 22.22	+13 16.5	2.074	3.008	8.3	18.9
4 21	12 15.37	+13 21.2	2.128	3.004	11.2	19.0
5 1	12 10.18	+13 7.4	2.204	2.999	13.8	19.2

506009 2015 HT_{32} 3 29.3 16.°54 6.°3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.69	+13 29.0	1.928	2.756	13.5	20.9
3 2	12 54.81	+14 6.5	1.861	2.758	10.6	20.7
3 12	12 47.71	+14 41.0	1.817	2.761	7.9	20.6
3 22	12 39.08	+15 5.9	1.798	2.764	6.3	20.5
4 1	12 29.82	+15 15.1	1.807	2.768	7.1	20.5
4 11	12 21.00	+15 4.9	1.843	2.771	9.6	20.7
4 21	12 13.50	+14 34.5	1.903	2.775	12.5	20.9
5 1	12 7.97	+13 45.4	1.985	2.780	15.1	21.0

132083 2002 CG_{167} 3 29.3 126.°35 0.°7/28.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.97	− 3 40.8	1.892	2.688	14.9	20.4
3 2	12 57.27	− 3 16.4	1.821	2.707	11.5	20.2
3 12	12 49.30	− 2 40.6	1.774	2.725	7.5	20.0
3 22	12 39.75	− 1 57.5	1.753	2.742	3.1	19.7
4 1	12 29.59	− 1 12.5	1.761	2.758	1.7	19.6
4 11	12 19.90	− 0 31.7	1.799	2.774	5.9	20.0
4 21	12 11.60	− 0 0.1	1.863	2.788	9.9	20.2
5 1	12 5.36	+ 0 19.0	1.952	2.802	13.3	20.5

333214 2012 HH_{19} 3 29.3 247.°77 2.°8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.82	+ 1 7.9	1.978	2.799	13.5	21.2
3 2	12 51.97	+ 2 3.1	1.887	2.788	10.3	21.0
3 12	12 45.99	+ 3 8.2	1.819	2.777	6.8	20.7
3 22	12 38.42	+ 4 17.6	1.778	2.765	3.4	20.5
4 1	12 30.05	+ 5 24.1	1.765	2.754	3.7	20.5
4 11	12 21.87	+ 6 20.6	1.780	2.742	7.3	20.7
4 21	12 14.77	+ 7 1.9	1.821	2.730	11.1	20.9
5 1	12 9.48	+ 7 24.8	1.885	2.717	14.4	21.1

374078 2004 RB_{151} 3 29.3 185.°18 0.°8/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.81	− 6 57.9	2.130	2.917	13.8	21.6
3 2	12 54.07	− 6 54.3	2.039	2.917	10.8	21.4
3 12	12 47.27	− 6 38.8	1.971	2.917	7.3	21.1
3 22	12 38.94	− 6 13.4	1.930	2.916	3.4	20.9
4 1	12 29.88	− 5 41.7	1.917	2.916	1.1	20.7
4 11	12 21.05	− 5 8.6	1.934	2.914	5.0	21.0
4 21	12 13.31	− 4 39.0	1.978	2.913	8.8	21.2
5 1	12 7.33	− 4 16.9	2.047	2.911	12.2	21.4

463623 2013 TX_{24} 3 29.3 252.°56 2.°8/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.74	+ 3 43.5	1.956	2.770	13.8	21.0
3 2	12 56.52	+ 3 56.1	1.867	2.763	10.7	20.7
3 12	12 48.97	+ 4 13.2	1.801	2.756	7.1	20.5
3 22	12 39.70	+ 4 30.4	1.762	2.749	3.6	20.3
4 1	12 29.60	+ 4 42.7	1.751	2.741	3.5	20.2
4 11	12 19.75	+ 4 45.6	1.769	2.734	7.1	20.4
4 21	12 11.12	+ 4 36.2	1.814	2.726	10.9	20.7
5 1	12 4.48	+ 4 13.1	1.882	2.718	14.3	20.9

24444 2000 OP_{32} 3 29.3 271.°57 1.°6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.98	−13 40.8	4.435	5.178	7.8	18.8
3 2	12 44.80	−13 34.9	4.329	5.174	6.3	18.6
3 12	12 40.71	−13 20.6	4.248	5.170	4.5	18.5
3 22	12 35.99	−12 58.9	4.194	5.165	2.8	18.4
4 1	12 30.98	−12 31.2	4.171	5.161	1.6	18.3
4 11	12 26.05	−11 59.7	4.177	5.157	2.6	18.3
4 21	12 21.55	−11 26.8	4.213	5.153	4.4	18.5
5 1	12 17.79	−10 55.0	4.276	5.148	6.2	18.6

37761 1997 EN_{51} 3 29.3 343.°43 0.°2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.91	− 5 13.5	2.052	2.859	13.6	18.9
3 2	12 49.63	− 4 52.8	1.963	2.854	10.5	18.7
3 12	12 44.38	− 4 20.1	1.896	2.849	6.9	18.5
3 22	12 37.70	− 3 38.4	1.856	2.845	3.0	18.2
4 1	12 30.34	− 2 52.4	1.843	2.841	1.2	18.1
4 11	12 23.18	− 2 7.9	1.858	2.837	5.3	18.3
4 21	12 17.04	− 1 30.1	1.900	2.834	9.1	18.6
5 1	12 12.57	− 1 3.2	1.965	2.832	12.5	18.8

140669 2001 UV_{48} 3 29.3 142.°17 4.°5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.52	+ 9 52.6	2.511	3.333	10.9	19.7
3 2	12 51.13	+10 46.9	2.441	3.338	8.4	19.5
3 12	12 45.09	+11 41.8	2.395	3.344	6.0	19.4
3 22	12 37.92	+12 32.0	2.378	3.349	4.5	19.3
4 1	12 30.28	+13 12.1	2.389	3.354	5.3	19.4
4 11	12 22.92	+13 38.2	2.429	3.359	7.5	19.5
4 21	12 16.50	+13 48.1	2.494	3.363	10.0	19.7
5 1	12 11.52	+13 41.3	2.582	3.367	12.3	19.8

338337 2002 WP_3 3 29.3 121.°98 5.°8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.70	+14 39.0	2.476	3.295	11.1	21.3
3 2	12 52.76	+15 37.4	2.416	3.307	8.8	21.2
3 12	12 46.12	+16 32.6	2.382	3.319	6.7	21.1
3 22	12 38.34	+17 19.0	2.376	3.331	5.8	21.1
4 1	12 30.14	+17 51.3	2.398	3.342	6.6	21.1
4 11	12 22.29	+18 6.0	2.447	3.353	8.6	21.3
4 21	12 15.48	+18 2.1	2.521	3.364	10.8	21.4
5 1	12 10.21	+17 40.1	2.618	3.374	12.9	21.6

286488 2002 AO_{200} 3 29.3 21.°25 6.°9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.06	+ 8 23.3	1.515	2.367	15.2	19.5
3 2	12 49.50	+10 14.8	1.456	2.371	11.8	19.3
3 12	12 44.51	+12 11.4	1.420	2.376	8.5	19.1
3 22	12 37.79	+14 1.8	1.410	2.382	6.9	19.0
4 1	12 30.34	+15 34.3	1.425	2.388	8.4	19.1
4 11	12 23.32	+16 40.4	1.465	2.394	11.5	19.3
4 21	12 17.72	+17 16.0	1.528	2.402	14.9	19.6
5 1	12 14.24	+17 21.4	1.609	2.409	17.9	19.8

313613 2003 QP_{62} 3 29.3 156.°37 2.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.70	− 0 10.1	2.131	2.940	13.0	20.9
3 2	12 53.08	+ 1 4.5	2.054	2.950	9.9	20.8
3 12	12 46.51	+ 2 29.3	2.002	2.958	6.4	20.6
3 22	12 38.57	+ 3 58.0	1.979	2.966	3.1	20.4
4 1	12 30.05	+ 5 23.4	1.985	2.973	3.5	20.4
4 11	12 21.85	+ 6 38.2	2.020	2.979	6.8	20.6
4 21	12 14.76	+ 7 37.2	2.083	2.984	10.2	20.8
5 1	12 9.38	+ 8 17.5	2.169	2.989	13.2	21.0

238640 2005 EM_6 3 29.3 303.°67 0.°5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.65	− 4 14.4	1.993	2.801	13.9	20.9
3 2	12 51.05	− 3 50.9	1.900	2.793	10.7	20.7
3 12	12 45.39	− 3 15.4	1.831	2.784	7.1	20.5
3 22	12 38.17	− 2 31.4	1.787	2.776	3.0	20.2
4 1	12 30.18	− 1 43.8	1.770	2.768	1.5	20.0
4 11	12 22.39	− 0 58.7	1.782	2.760	5.7	20.3
4 21	12 15.65	− 0 21.5	1.821	2.752	9.7	20.5
5 1	12 10.67	+ 0 3.7	1.883	2.745	13.2	20.7

246471 2007 WP_7 3 29.3 76.°25 4.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.46	+ 7 55.4	2.195	3.018	12.2	20.3
3 2	12 52.83	+ 8 32.4	2.124	3.023	9.4	20.2
3 12	12 46.31	+ 9 11.1	2.076	3.029	6.5	20.0
3 22	12 38.47	+ 9 46.1	2.056	3.035	4.3	19.9
4 1	12 30.10	+10 12.0	2.065	3.041	4.9	19.9
4 11	12 22.07	+10 24.7	2.101	3.047	7.5	20.1
4 21	12 15.13	+10 22.1	2.163	3.053	10.5	20.3
5 1	12 9.86	+10 3.6	2.249	3.059	13.1	20.5

121726 1999 XU_{148} 3 29.3 234.°25 0.°9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.05	− 8 58.2	2.178	2.964	13.6	20.7
3 2	12 51.21	− 8 35.6	2.081	2.957	10.7	20.5
3 12	12 45.41	− 7 58.5	2.006	2.951	7.3	20.3
3 22	12 38.16	− 7 9.0	1.958	2.943	3.5	20.0
4 1	12 30.19	− 6 11.6	1.938	2.936	1.2	19.8
4 11	12 22.40	− 5 12.1	1.947	2.929	4.9	20.1
4 21	12 15.58	− 4 16.3	1.984	2.921	8.6	20.3
5 1	12 10.42	− 3 29.6	2.045	2.913	12.0	20.5

488783 2004 VP_{55} 3 29.3 155.°15 2.°2/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.38	+ 2 25.4	2.703	3.504	10.8	22.5
3 2	12 53.16	+ 3 1.5	2.624	3.514	8.2	22.3
3 12	12 46.36	+ 3 42.4	2.570	3.523	5.3	22.1
3 22	12 38.46	+ 4 24.3	2.545	3.532	2.7	22.0
4 1	12 30.11	+ 5 2.8	2.551	3.539	2.8	22.0
4 11	12 22.02	+ 5 33.9	2.587	3.546	5.5	22.2
4 21	12 14.83	+ 5 54.7	2.652	3.553	8.3	22.3
5 1	12 9.04	+ 6 3.4	2.741	3.558	10.8	22.5

375428 2008 TM_{27} 3 29.3 128.°78 0.°3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.73	− 4 18.8	2.120	2.918	13.5	21.0
3 2	12 53.17	− 4 4.2	2.038	2.924	10.4	20.8
3 12	12 46.62	− 3 39.1	1.979	2.930	6.8	20.6
3 22	12 38.64	− 3 6.6	1.946	2.936	2.9	20.4
4 1	12 30.04	− 2 31.1	1.943	2.941	1.2	20.3
4 11	12 21.72	− 1 57.5	1.968	2.946	5.2	20.5
4 21	12 14.50	− 1 30.4	2.021	2.951	8.9	20.8
5 1	12 9.01	− 1 13.2	2.098	2.956	12.2	21.0

496020 2008 PP_{15} 3 29.3 188.°72 4.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.18	+10 51.7	2.774	3.588	10.2	22.6
3 2	12 52.30	+11 54.9	2.694	3.587	7.9	22.5
3 12	12 45.83	+12 58.7	2.641	3.585	5.8	22.3
3 22	12 38.25	+13 57.7	2.617	3.583	4.6	22.3
4 1	12 30.18	+14 46.8	2.622	3.579	5.4	22.3
4 11	12 22.32	+15 21.7	2.656	3.575	7.4	22.4
4 21	12 15.30	+15 40.2	2.717	3.571	9.8	22.6
5 1	12 9.65	+15 41.7	2.801	3.565	11.9	22.7

270995 2002 XP_{47} 3 29.3 172.°45 16.°2/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 16.20	+31 46.1	1.333	2.136	19.7	20.7
3 2	13 8.83	+33 25.4	1.290	2.139	17.7	20.5
3 12	12 57.50	+34 41.5	1.265	2.141	16.4	20.4
3 22	12 43.38	+35 19.3	1.261	2.142	16.3	20.4
4 1	12 28.36	+35 8.6	1.278	2.143	17.4	20.5
4 11	12 14.51	+34 7.6	1.315	2.144	19.3	20.6
4 21	12 3.43	+32 23.1	1.371	2.144	21.6	20.8
5 1	11 55.98	+30 5.4	1.442	2.143	23.8	21.0

521307 2015 KQ_{169} 3 29.3 229.°12 1.°4/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.54	− 0 2.8	2.522	3.325	11.4	21.8
3 2	12 52.00	+ 0 14.7	2.429	3.320	8.8	21.6
3 12	12 45.74	+ 0 38.5	2.361	3.315	5.7	21.4
3 22	12 38.25	+ 1 5.4	2.321	3.310	2.5	21.2
4 1	12 30.18	+ 1 31.7	2.310	3.305	2.0	21.2
4 11	12 22.28	+ 1 53.2	2.329	3.299	5.2	21.4
4 21	12 15.26	+ 2 6.7	2.375	3.293	8.4	21.5
5 1	12 9.69	+ 2 10.1	2.447	3.287	11.3	21.7

209457 2004 GK_{18} 3 29.3 327.°13 5.°3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 49.88	+ 6 9.0	1.896	2.738	13.1	19.5
3 2	12 47.49	+ 7 52.2	1.814	2.726	10.0	19.3
3 12	12 43.09	+ 9 43.8	1.757	2.714	7.0	19.1
3 22	12 37.19	+11 34.9	1.727	2.703	5.3	19.0
4 1	12 30.56	+13 15.9	1.724	2.692	6.6	19.0
4 11	12 24.13	+14 38.2	1.748	2.681	9.6	19.2
4 21	12 18.74	+15 36.3	1.796	2.671	12.9	19.4
5 1	12 15.08	+16 8.0	1.864	2.662	15.9	19.5

93839 2000 WW_{84} 3 29.3 149.°31 2.°5/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.71	+ 1 28.1	1.935	2.754	13.8	19.8
3 2	12 53.35	+ 2 0.0	1.855	2.755	10.6	19.6
3 12	12 46.84	+ 2 39.4	1.799	2.756	6.9	19.4
3 22	12 38.77	+ 3 21.4	1.768	2.757	3.3	19.2
4 1	12 30.00	+ 4 0.1	1.766	2.758	3.3	19.2
4 11	12 21.54	+ 4 30.0	1.792	2.759	6.8	19.4
4 21	12 14.27	+ 4 46.9	1.844	2.759	10.6	19.6
5 1	12 8.87	+ 4 48.6	1.919	2.760	13.8	19.8

281040 2006 HY_{39} 3 29.3 157.°37 4.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.65	+ 8 58.5	2.408	3.229	11.4	21.3
3 2	12 52.07	+ 9 54.3	2.336	3.233	8.8	21.1
3 12	12 45.76	+10 51.7	2.288	3.238	6.1	20.9
3 22	12 38.24	+11 44.9	2.269	3.242	4.5	20.8
4 1	12 30.21	+12 28.3	2.278	3.246	5.2	20.9
4 11	12 22.47	+12 57.5	2.316	3.250	7.6	21.0
4 21	12 15.71	+13 10.1	2.380	3.253	10.3	21.2
5 1	12 10.48	+13 5.5	2.467	3.256	12.7	21.4

209067 2003 QW_{86} 3 29.3 134.°07 0.°1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.97	− 6 49.3	1.872	2.667	15.1	21.1
3 2	12 54.33	− 6 13.1	1.796	2.680	11.7	20.9
3 12	12 47.47	− 5 21.7	1.742	2.692	7.7	20.7
3 22	12 39.02	− 4 19.2	1.715	2.703	3.3	20.5
4 1	12 29.92	− 3 11.6	1.716	2.714	1.2	20.3
4 11	12 21.20	− 2 6.4	1.745	2.724	5.7	20.6
4 21	12 13.77	− 1 9.9	1.802	2.733	9.8	20.9
5 1	12 8.32	− 0 26.9	1.883	2.742	13.3	21.1

385439 2003 HS_{25} 3 29.3 344.°43 0.°2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.48	− 5 3.8	2.158	2.961	13.1	21.3
3 2	12 49.96	− 4 43.4	2.069	2.958	10.2	21.1
3 12	12 44.55	− 4 11.6	2.003	2.955	6.7	20.9
3 22	12 37.78	− 3 31.5	1.963	2.953	2.9	20.6
4 1	12 30.36	− 2 47.6	1.952	2.950	1.2	20.5
4 11	12 23.15	− 2 5.2	1.969	2.948	5.1	20.7
4 21	12 16.93	− 1 29.3	2.013	2.946	8.8	21.0
5 1	12 12.30	− 1 3.6	2.081	2.945	12.0	21.2

79504 1998 GZ_5 3 29.3 29.°58 6.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.54	+15 46.0	2.061	2.886	12.8	18.7
3 2	12 54.56	+16 29.1	1.997	2.890	10.3	18.6
3 12	12 47.49	+17 7.5	1.957	2.895	7.9	18.4
3 22	12 38.99	+17 34.7	1.943	2.899	6.7	18.4
4 1	12 29.94	+17 45.0	1.956	2.904	7.6	18.4
4 11	12 21.32	+17 35.0	1.995	2.909	9.8	18.6
4 21	12 13.96	+17 4.2	2.059	2.915	12.3	18.7
5 1	12 8.47	+16 14.4	2.144	2.920	14.8	18.9

521275 2015 HK_{194} 3 29.3 328.°77 4.°2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.85	+ 6 24.9	2.261	3.091	11.7	21.4
3 2	12 48.59	+ 7 39.1	2.183	3.088	8.9	21.2
3 12	12 43.59	+ 8 58.0	2.130	3.085	6.1	21.1
3 22	12 37.34	+10 15.4	2.104	3.082	4.3	20.9
4 1	12 30.53	+11 24.3	2.107	3.080	5.2	21.0
4 11	12 23.95	+12 19.0	2.138	3.077	7.8	21.1
4 21	12 18.30	+12 55.6	2.194	3.075	10.7	21.3
5 1	12 14.14	+13 12.7	2.272	3.072	13.3	21.5

139715 2001 QF_{238} 3 29.3 166.°21 0.°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.50	− 6 36.4	2.248	3.034	13.2	20.9
3 2	12 53.68	− 6 15.5	2.160	3.039	10.3	20.7
3 12	12 46.93	− 5 42.6	2.096	3.043	6.9	20.5
3 22	12 38.78	− 5 0.4	2.059	3.047	3.0	20.3
4 1	12 30.01	− 4 13.1	2.052	3.050	1.0	20.1
4 11	12 21.49	− 3 26.1	2.074	3.053	4.9	20.4
4 21	12 14.01	− 2 44.4	2.124	3.055	8.5	20.6
5 1	12 8.21	− 2 12.1	2.199	3.056	11.7	20.9

464084 2014 WJ_{314} 3 29.3 168.°32 3.°9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.53	+ 3 58.6	1.929	2.750	13.7	21.5
3 2	12 53.97	+ 5 2.6	1.853	2.754	10.5	21.3
3 12	12 47.24	+ 6 13.5	1.802	2.758	7.0	21.1
3 22	12 38.94	+ 7 24.6	1.777	2.760	4.1	20.9
4 1	12 29.96	+ 8 28.4	1.781	2.763	4.8	21.0
4 11	12 21.32	+ 9 18.2	1.812	2.764	8.0	21.2
4 21	12 13.90	+ 9 49.7	1.870	2.765	11.5	21.4
5 1	12 8.39	+10 1.2	1.950	2.766	14.6	21.6

216539 2001 RX_{148} 3 29.3 191.°33 6.°1/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.66	+12 15.5	2.219	3.044	12.1	21.7
3 2	12 53.09	+13 40.1	2.146	3.042	9.5	21.5
3 12	12 46.56	+15 5.2	2.098	3.040	7.2	21.3
3 22	12 38.63	+16 23.2	2.077	3.038	6.1	21.3
4 1	12 30.07	+17 26.8	2.085	3.034	7.1	21.3
4 11	12 21.79	+18 10.5	2.121	3.030	9.5	21.5
4 21	12 14.58	+18 31.7	2.181	3.026	12.1	21.6
5 1	12 9.06	+18 30.4	2.262	3.021	14.6	21.8

13190 1997 BN_1 3 29.3 339.°88 4.°4/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.42	−12 36.5	1.238	2.044	20.7	17.6
3 2	12 55.36	−13 13.7	1.158	2.039	16.9	17.4
3 12	12 48.99	−13 29.1	1.095	2.035	12.4	17.1
3 22	12 39.97	−13 21.3	1.053	2.031	7.4	16.8
4 1	12 29.54	−12 52.5	1.035	2.028	4.4	16.6
4 11	12 19.38	−12 9.6	1.041	2.025	7.4	16.8
4 21	12 11.01	−11 21.8	1.069	2.023	12.4	17.0
5 1	12 5.58	−10 38.9	1.119	2.021	17.2	17.3

225896 2001 YG_{154} 3 29.3 153.°74 7.°6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.92	+17 54.7	2.126	2.948	12.6	20.3
3 2	12 54.83	+19 9.6	2.067	2.954	10.3	20.2
3 12	12 47.67	+20 19.2	2.032	2.959	8.3	20.1
3 22	12 39.08	+21 15.8	2.023	2.964	7.7	20.0
4 1	12 29.93	+21 52.6	2.041	2.969	8.7	20.1
4 11	12 21.19	+22 5.6	2.085	2.973	10.7	20.2
4 21	12 13.70	+21 54.3	2.153	2.977	13.1	20.4
5 1	12 8.06	+21 20.3	2.241	2.980	15.2	20.6

434860 2006 SH_{231} 3 29.3 196.°08 1.°0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.58	− 7 48.5	2.533	3.312	12.1	21.2
3 2	12 52.06	− 7 46.6	2.438	3.310	9.5	21.1
3 12	12 45.81	− 7 34.1	2.367	3.309	6.5	20.9
3 22	12 38.30	− 7 12.8	2.322	3.307	3.1	20.6
4 1	12 30.20	− 6 45.4	2.307	3.305	1.1	20.5
4 11	12 22.27	− 6 16.0	2.322	3.303	4.3	20.7
4 21	12 15.21	− 5 48.5	2.365	3.300	7.5	20.9
5 1	12 9.60	− 5 26.5	2.434	3.298	10.5	21.1

268158 2004 TR_{355} 3 29.3 253.°32 3.°4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.11	+ 2 36.8	2.223	3.042	12.3	21.2
3 2	12 51.28	+ 3 52.4	2.122	3.022	9.4	21.0
3 12	12 45.50	+ 5 17.7	2.045	3.002	6.2	20.7
3 22	12 38.24	+ 6 46.7	1.997	2.981	3.7	20.5
4 1	12 30.21	+ 8 12.0	1.978	2.960	4.4	20.5
4 11	12 22.26	+ 9 26.1	1.987	2.938	7.5	20.7
4 21	12 15.23	+10 23.7	2.024	2.915	11.0	20.8
5 1	12 9.79	+11 1.5	2.083	2.892	14.0	21.0

437195 2012 WV 3 29.3 132.°32 4.°0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.36	+ 8 21.3	2.470	3.289	11.1	21.4
3 2	12 51.79	+ 9 5.5	2.398	3.296	8.6	21.3
3 12	12 45.55	+ 9 51.1	2.351	3.302	5.9	21.1
3 22	12 38.15	+10 33.0	2.331	3.307	4.1	21.0
4 1	12 30.28	+11 6.3	2.341	3.313	4.7	21.1
4 11	12 22.69	+11 27.0	2.379	3.318	7.1	21.2
4 21	12 16.05	+11 32.9	2.443	3.323	9.7	21.4
5 1	12 10.90	+11 23.3	2.531	3.328	12.2	21.6

33135 Davidrisoldi 3 29.3 235.°59 4.°8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.14	+ 5 30.7	1.718	2.547	14.8	18.1
3 2	12 54.87	+ 6 33.2	1.634	2.538	11.4	17.9
3 12	12 48.09	+ 7 42.9	1.572	2.528	7.8	17.7
3 22	12 39.41	+ 8 52.2	1.537	2.518	5.0	17.5
4 1	12 29.79	+ 9 52.5	1.529	2.508	5.8	17.5
4 11	12 20.43	+10 35.9	1.547	2.497	9.3	17.7
4 21	12 12.40	+10 58.0	1.590	2.486	13.2	17.9
5 1	12 6.52	+10 57.1	1.655	2.474	16.7	18.1

386804 2010 EL_{147} 3 29.3 347.°59 5.°4/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.19	+ 9 29.4	2.011	2.846	12.7	20.6
3 2	12 50.60	+10 33.5	1.938	2.843	9.9	20.4
3 12	12 45.02	+11 39.5	1.889	2.841	7.1	20.3
3 22	12 38.00	+12 40.5	1.866	2.839	5.4	20.2
4 1	12 30.35	+13 29.4	1.871	2.837	6.3	20.2
4 11	12 22.99	+14 0.8	1.902	2.836	9.0	20.4
4 21	12 16.74	+14 11.7	1.958	2.835	12.0	20.5
5 1	12 12.22	+14 1.8	2.035	2.834	14.7	20.7

15333 1993 TS_{36} 3 29.3 92.°93 7.°1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.87	+14 30.5	1.855	2.679	14.1	18.0
3 2	12 57.13	+15 34.7	1.809	2.702	11.1	17.8
3 12	12 49.14	+16 34.5	1.786	2.725	8.4	17.7
3 22	12 39.68	+17 22.2	1.790	2.748	7.1	17.7
4 1	12 29.78	+17 50.8	1.821	2.770	8.0	17.8
4 11	12 20.52	+17 56.8	1.878	2.792	10.3	18.0
4 21	12 12.77	+17 39.8	1.959	2.813	13.0	18.2
5 1	12 7.13	+17 1.8	2.062	2.833	15.4	18.4

32228 2000 OH_{26} 3 29.3 198.°15 3.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.00	−14 11.4	2.289	3.039	14.0	18.9
3 2	12 55.00	−14 28.3	2.189	3.037	11.4	18.7
3 12	12 47.92	−14 30.2	2.111	3.033	8.4	18.5
3 22	12 39.29	−14 17.2	2.059	3.029	5.2	18.3
4 1	12 29.86	−13 51.1	2.036	3.025	3.2	18.2
4 11	12 20.59	−13 15.7	2.041	3.020	5.0	18.3
4 21	12 12.32	−12 36.1	2.075	3.015	8.2	18.5
5 1	12 5.78	−11 57.9	2.135	3.009	11.4	18.6

12591 1999 RT_{133} 3 29.3 245.°65 3.°1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.35	−14 1.9	1.780	2.554	16.6	18.1
3 2	12 53.59	−13 58.2	1.680	2.543	13.5	17.8
3 12	12 47.34	−13 33.8	1.600	2.532	9.8	17.6
3 22	12 39.14	−12 49.0	1.545	2.521	5.8	17.3
4 1	12 29.91	−11 47.4	1.516	2.510	3.1	17.1
4 11	12 20.82	−10 35.6	1.515	2.498	5.7	17.2
4 21	12 12.95	− 9 22.0	1.540	2.485	10.0	17.5
5 1	12 7.19	− 8 14.7	1.589	2.473	14.0	17.7

14382 Woszczyk 3 29.3 142.°02 0.°2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.97	− 6 39.6	2.236	3.029	13.0	18.2
3 2	12 51.00	− 6 12.8	2.150	3.033	10.1	18.0
3 12	12 45.19	− 5 33.6	2.088	3.037	6.7	17.8
3 22	12 38.07	− 4 44.9	2.052	3.040	3.0	17.6
4 1	12 30.35	− 3 51.5	2.045	3.043	1.0	17.4
4 11	12 22.87	− 2 58.8	2.067	3.046	4.8	17.7
4 21	12 16.39	− 2 12.0	2.117	3.049	8.4	17.9
5 1	12 11.49	− 1 35.3	2.191	3.052	11.6	18.1

95819 2003 FB_{80} 3 29.3 292.°07 3.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.41	+ 3 18.3	1.773	2.602	14.4	19.7
3 2	12 52.64	+ 4 6.2	1.690	2.596	11.1	19.5
3 12	12 46.56	+ 5 1.9	1.630	2.589	7.3	19.3
3 22	12 38.74	+ 5 59.2	1.596	2.582	4.1	19.0
4 1	12 30.09	+ 6 50.6	1.589	2.576	4.5	19.1
4 11	12 21.72	+ 7 29.3	1.609	2.569	8.1	19.3
4 21	12 14.58	+ 7 50.6	1.654	2.563	12.0	19.5
5 1	12 9.45	+ 7 52.4	1.721	2.556	15.4	19.7

508611 2017 SP_{26} 3 29.3 208.°76 0.°2/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.45	− 6 7.4	2.369	3.159	12.5	22.1
3 2	12 51.34	− 5 29.8	2.272	3.154	9.7	21.9
3 12	12 45.42	− 4 39.6	2.199	3.148	6.4	21.7
3 22	12 38.18	− 3 40.3	2.153	3.142	2.7	21.4
4 1	12 30.30	− 2 36.4	2.137	3.135	1.1	21.3
4 11	12 22.60	− 1 34.0	2.150	3.128	4.9	21.6
4 21	12 15.80	− 0 38.2	2.192	3.120	8.5	21.8
5 1	12 10.51	+ 0 6.5	2.259	3.112	11.6	21.9

518869 2010 DL_{89} 3 29.3 49.°41 2.°0/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.42	−11 18.0	1.868	2.654	15.5	21.6
3 2	12 51.77	−11 8.1	1.783	2.657	12.3	21.4
3 12	12 45.92	−10 40.7	1.719	2.659	8.6	21.2
3 22	12 38.45	− 9 57.6	1.680	2.662	4.6	21.0
4 1	12 30.21	− 9 3.0	1.668	2.665	2.0	20.8
4 11	12 22.25	− 8 3.6	1.684	2.668	5.2	21.0
4 21	12 15.49	− 7 6.0	1.727	2.671	9.2	21.2
5 1	12 10.63	− 6 16.7	1.793	2.674	12.8	21.5

76201 2000 EM_{53} 3 29.3 102.°34 0.°2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.73	− 6 27.2	2.172	2.966	13.3	19.8
3 2	12 51.60	− 6 6.3	2.092	2.975	10.4	19.6
3 12	12 45.58	− 5 33.1	2.034	2.983	6.9	19.4
3 22	12 38.23	− 4 50.9	2.003	2.991	3.0	19.2
4 1	12 30.30	− 4 3.9	2.001	2.999	1.0	19.0
4 11	12 22.66	− 3 17.7	2.027	3.007	4.9	19.3
4 21	12 16.06	− 2 37.3	2.081	3.015	8.5	19.6
5 1	12 11.10	− 2 6.5	2.160	3.022	11.7	19.8

313009 1999 VO_{62} 3 29.3 127.°65 1.°0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.87	− 3 32.5	1.916	2.718	14.5	21.5
3 2	12 54.95	− 2 58.2	1.843	2.733	11.2	21.3
3 12	12 47.84	− 2 12.3	1.793	2.746	7.3	21.1
3 22	12 39.21	− 1 19.0	1.770	2.759	3.0	20.9
4 1	12 29.96	− 0 24.4	1.775	2.772	1.8	20.8
4 11	12 21.11	+ 0 25.2	1.809	2.784	6.0	21.1
4 21	12 13.55	+ 1 4.5	1.871	2.795	9.9	21.3
5 1	12 7.92	+ 1 29.9	1.956	2.806	13.2	21.6

502201 2015 BQ_{72} 3 29.3 194.°64 2.°2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.11	− 0 41.7	2.197	3.009	12.6	21.7
3 2	12 51.16	+ 0 21.6	2.111	3.007	9.6	21.5
3 12	12 45.33	+ 1 35.2	2.049	3.005	6.2	21.3
3 22	12 38.15	+ 2 54.0	2.014	3.003	2.9	21.1
4 1	12 30.33	+ 4 11.1	2.009	3.000	3.1	21.1
4 11	12 22.74	+ 5 19.9	2.033	2.996	6.4	21.3
4 21	12 16.14	+ 6 15.1	2.084	2.992	9.9	21.5
5 1	12 11.14	+ 6 53.4	2.158	2.988	12.9	21.7

457534 2008 WS_{91} 3 29.3 66.°47 2.°7/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.46	−12 8.0	1.377	2.175	19.4	21.2
3 2	12 55.41	−12 3.7	1.316	2.196	15.5	21.0
3 12	12 48.50	−11 36.5	1.275	2.216	10.8	20.7
3 22	12 39.57	−10 48.9	1.256	2.237	5.8	20.5
4 1	12 29.87	− 9 46.8	1.262	2.258	2.7	20.4
4 11	12 20.79	− 8 39.1	1.295	2.279	6.2	20.6
4 21	12 13.49	− 7 35.2	1.352	2.300	10.9	20.9
5 1	12 8.75	− 6 42.7	1.432	2.321	14.9	21.2

292223 2006 SN_{51} 3 29.3 160.°60 4.°5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.45	+ 9 47.8	2.510	3.332	10.9	20.7
3 2	12 51.13	+10 43.3	2.437	3.335	8.4	20.5
3 12	12 45.15	+11 39.8	2.389	3.338	6.0	20.4
3 22	12 38.03	+12 31.7	2.369	3.340	4.5	20.3
4 1	12 30.42	+13 13.6	2.378	3.342	5.3	20.3
4 11	12 23.07	+13 41.5	2.415	3.345	7.5	20.5
4 21	12 16.64	+13 52.9	2.478	3.346	10.1	20.6
5 1	12 11.65	+13 47.5	2.563	3.348	12.4	20.8

78719 2002 TB_{215} 3 29.3 136.°43 4.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.45	+ 8 40.6	2.374	3.194	11.5	19.8
3 2	12 52.71	+ 9 26.3	2.303	3.201	8.9	19.6
3 12	12 46.21	+10 13.2	2.257	3.207	6.2	19.5
3 22	12 38.48	+10 56.0	2.238	3.214	4.3	19.4
4 1	12 30.26	+11 29.5	2.249	3.220	5.0	19.4
4 11	12 22.35	+11 49.4	2.287	3.226	7.4	19.6
4 21	12 15.46	+11 53.8	2.352	3.232	10.1	19.8
5 1	12 10.12	+11 42.1	2.440	3.237	12.6	19.9

303925 2005 UW_{298} 3 29.3 72.°63 2.°3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.40	+ 2 24.0	2.498	3.312	11.2	20.3
3 2	12 50.33	+ 2 56.4	2.418	3.315	8.5	20.1
3 12	12 44.65	+ 3 33.9	2.362	3.318	5.6	19.9
3 22	12 37.82	+ 4 12.7	2.334	3.321	2.8	19.7
4 1	12 30.50	+ 4 48.1	2.335	3.324	2.9	19.8
4 11	12 23.41	+ 5 16.0	2.365	3.327	5.7	19.9
4 21	12 17.21	+ 5 33.2	2.422	3.330	8.7	20.1
5 1	12 12.41	+ 5 37.9	2.504	3.334	11.4	20.3

244633 2003 BJ_{74} 3 29.3 117.°13 5.°6/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.96	+13 14.4	2.382	3.206	11.3	20.4
3 2	12 51.59	+14 16.3	2.317	3.213	8.9	20.3
3 12	12 45.47	+15 16.5	2.278	3.219	6.7	20.1
3 22	12 38.17	+16 8.9	2.266	3.226	5.6	20.1
4 1	12 30.38	+16 47.8	2.281	3.232	6.5	20.1
4 11	12 22.91	+17 9.2	2.325	3.238	8.6	20.3
4 21	12 16.45	+17 11.6	2.393	3.244	11.0	20.4
5 1	12 11.53	+16 55.2	2.482	3.250	13.2	20.6

255706 2006 QL_{94} 3 29.3 241.°59 0.°3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.02	− 7 13.2	1.961	2.754	14.6	21.9
3 2	12 53.84	− 6 45.6	1.857	2.739	11.5	21.6
3 12	12 47.38	− 6 2.4	1.775	2.724	7.7	21.4
3 22	12 39.15	− 5 6.4	1.720	2.708	3.5	21.1
4 1	12 29.98	− 4 2.8	1.693	2.691	1.1	20.9
4 11	12 20.91	− 2 58.3	1.694	2.674	5.7	21.1
4 21	12 12.91	− 2 0.0	1.723	2.656	10.0	21.3
5 1	12 6.81	− 1 13.5	1.775	2.638	13.8	21.5

358494 2007 RB_{105} 3 29.3 262.°34 1.°7/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.62	− 1 15.6	1.660	2.476	15.8	21.3
3 2	12 56.30	− 0 52.3	1.561	2.458	12.3	21.1
3 12	12 49.25	− 0 17.3	1.484	2.440	8.1	20.8
3 22	12 40.04	+ 0 25.2	1.431	2.421	3.5	20.4
4 1	12 29.64	+ 1 8.8	1.407	2.402	2.7	20.3
4 11	12 19.33	+ 1 46.2	1.409	2.383	7.4	20.6
4 21	12 10.31	+ 2 11.5	1.437	2.363	12.2	20.8
5 1	12 3.58	+ 2 20.3	1.487	2.343	16.4	21.0

162637 2000 SM_{173} 3 29.3 313.°62 9.°9/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.15	−24 35.1	1.347	2.100	22.0	19.1
3 2	12 51.52	−25 36.5	1.247	2.078	19.3	18.8
3 12	12 46.71	−26 8.8	1.162	2.056	16.1	18.6
3 22	12 39.16	−26 5.8	1.095	2.035	12.7	18.3
4 1	12 29.92	−25 23.8	1.050	2.014	10.3	18.1
4 11	12 20.58	−24 6.0	1.026	1.994	10.4	18.0
4 21	12 12.75	−22 22.1	1.025	1.975	13.2	18.1
5 1	12 7.79	−20 26.7	1.044	1.957	17.2	18.3

145599 2006 QV_{8} 3 29.3 264.°27 0.°3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.64	− 7 0.8	1.771	2.572	15.6	20.9
3 2	12 53.84	− 6 38.7	1.668	2.554	12.3	20.7
3 12	12 47.55	− 6 0.2	1.586	2.536	8.3	20.4
3 22	12 39.28	− 5 7.9	1.529	2.517	3.8	20.1
4 1	12 29.93	− 4 7.1	1.499	2.498	1.2	19.8
4 11	12 20.65	− 3 5.1	1.497	2.478	6.1	20.1
4 21	12 12.54	− 2 9.5	1.522	2.458	10.8	20.3
5 1	12 6.50	− 1 26.6	1.569	2.438	15.0	20.5

316698 1996 TF_{30} 3 29.4 233.°01 1.°1/28.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.22	− 2 58.4	1.992	2.793	14.1	22.2
3 2	12 55.48	− 2 29.1	1.890	2.779	11.0	22.0
3 12	12 48.43	− 1 48.0	1.812	2.764	7.2	21.7
3 22	12 39.60	− 0 58.8	1.759	2.749	3.1	21.4
4 1	12 29.84	− 0 7.0	1.736	2.733	2.0	21.3
4 11	12 20.19	+ 0 41.0	1.742	2.716	6.2	21.6
4 21	12 11.64	+ 1 19.5	1.775	2.698	10.4	21.8
5 1	12 4.99	+ 1 44.4	1.832	2.680	14.1	22.0

412082 2013 FG_{4} 3 29.4 273.°46 6.°2/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.94	+ 8 26.8	1.567	2.403	15.6	20.9
3 2	12 55.90	+ 9 30.9	1.478	2.384	12.3	20.7
3 12	12 49.04	+10 40.4	1.411	2.365	8.7	20.4
3 22	12 39.96	+11 46.7	1.369	2.345	6.3	20.2
4 1	12 29.70	+12 39.7	1.353	2.325	7.4	20.2
4 11	12 19.61	+13 11.2	1.362	2.305	11.0	20.4
4 21	12 10.93	+13 16.7	1.395	2.285	15.0	20.6
5 1	12 4.66	+12 55.6	1.448	2.264	18.8	20.7

122594 2000 RT_{31} 3 29.4 241.°68 2.°2/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.69	−11 51.0	1.843	2.621	16.0	20.3
3 2	12 54.58	−11 39.3	1.738	2.607	12.9	20.0
3 12	12 48.00	−11 8.5	1.654	2.592	9.1	19.8
3 22	12 39.47	−10 19.7	1.595	2.576	4.9	19.5
4 1	12 29.88	− 9 16.8	1.563	2.560	2.2	19.3
4 11	12 20.37	− 8 6.5	1.560	2.543	5.6	19.4
4 21	12 12.02	− 6 56.8	1.583	2.525	10.1	19.7
5 1	12 5.73	− 5 55.3	1.631	2.507	14.1	19.9

326704 2003 BP_{55} 3 29.4 39.°19 4.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.55	+ 1 28.2	1.443	2.286	16.4	20.2
3 2	12 50.72	+ 2 49.6	1.384	2.297	12.4	20.0
3 12	12 45.36	+ 4 22.6	1.347	2.309	8.1	19.7
3 22	12 38.24	+ 5 57.8	1.334	2.321	4.5	19.5
4 1	12 30.40	+ 7 24.7	1.348	2.334	5.2	19.6
4 11	12 23.07	+ 8 33.7	1.387	2.348	9.1	19.9
4 21	12 17.25	+ 9 19.2	1.450	2.361	13.2	20.1
5 1	12 13.63	+ 9 39.1	1.534	2.376	16.7	20.4

111398 2001 XC_{171} 3 29.4 267.°72 4.°4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.16	−19 49.4	2.474	3.201	13.7	20.2
3 2	12 50.49	−19 58.7	2.364	3.189	11.5	20.0
3 12	12 44.98	−19 50.2	2.274	3.176	8.9	19.8
3 22	12 38.07	−19 23.4	2.209	3.163	6.3	19.6
4 1	12 30.43	−18 39.6	2.172	3.149	4.5	19.5
4 11	12 22.86	−17 42.6	2.162	3.136	5.2	19.5
4 21	12 16.15	−16 38.0	2.181	3.123	7.7	19.6
5 1	12 10.95	−15 32.0	2.225	3.109	10.5	19.8

384587 2010 JJ_{122} 3 29.4 35.°20 2.°8/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 52.87	+ 1 11.4	2.089	2.912	12.8	20.7
3 2	12 49.52	+ 2 16.0	2.011	2.914	9.7	20.5
3 12	12 44.29	+ 3 29.4	1.957	2.916	6.3	20.3
3 22	12 37.73	+ 4 45.9	1.930	2.917	3.3	20.1
4 1	12 30.57	+ 5 58.4	1.932	2.919	3.7	20.1
4 11	12 23.68	+ 7 0.3	1.962	2.921	6.9	20.3
4 21	12 17.81	+ 7 46.8	2.017	2.923	10.3	20.5
5 1	12 13.56	+ 8 15.2	2.096	2.925	13.3	20.7

434402 2005 GH_{129} 3 29.4 291.°32 5.°4/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.91	+10 54.3	2.091	2.917	12.6	21.4
3 2	12 53.46	+11 39.0	2.009	2.908	9.9	21.2
3 12	12 46.93	+12 23.9	1.951	2.899	7.1	21.0
3 22	12 38.89	+13 2.7	1.919	2.890	5.4	20.9
4 1	12 30.16	+13 29.3	1.916	2.882	6.2	20.9
4 11	12 21.68	+13 38.9	1.939	2.873	8.8	21.0
4 21	12 14.31	+13 29.5	1.987	2.864	11.8	21.2
5 1	12 8.73	+13 1.0	2.058	2.856	14.6	21.4

1179 Mally 3 29.4 320.°47 0.°3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.60	− 4 6.3	1.540	2.357	16.8	16.4
3 2	12 54.93	− 4 20.9	1.445	2.341	13.2	16.1
3 12	12 48.47	− 4 23.9	1.371	2.325	8.9	15.8
3 22	12 39.76	− 4 17.7	1.321	2.310	4.0	15.5
4 1	12 29.83	− 4 6.0	1.297	2.295	1.3	15.3
4 11	12 20.00	− 3 54.2	1.299	2.281	6.6	15.6
4 21	12 11.55	− 3 47.8	1.326	2.268	11.6	15.8
5 1	12 5.48	− 3 51.3	1.375	2.255	16.0	16.0

74539 1999 JD_{15} 3 29.4 220.°50 10.°7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.86	+27 46.5	2.175	2.974	13.1	19.7
3 2	12 58.21	+29 30.7	2.111	2.963	11.6	19.6
3 12	12 50.15	+31 4.0	2.072	2.951	10.8	19.5
3 22	12 40.31	+32 16.6	2.057	2.937	10.9	19.5
4 1	12 29.67	+33 0.7	2.067	2.923	12.1	19.5
4 11	12 19.36	+33 12.3	2.101	2.908	13.8	19.6
4 21	12 10.37	+32 51.8	2.155	2.892	15.7	19.7
5 1	12 3.48	+32 2.5	2.226	2.875	17.5	19.9

330649 2008 FX_{60} 3 29.4 327.°10 6.°4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.55	+ 9 43.2	1.371	2.217	16.9	20.4
3 2	12 55.93	+10 14.7	1.288	2.199	13.3	20.1
3 12	12 49.23	+10 47.3	1.225	2.181	9.5	19.9
3 22	12 40.11	+11 12.8	1.186	2.165	6.7	19.6
4 1	12 29.73	+11 22.2	1.171	2.149	7.5	19.6
4 11	12 19.62	+11 9.1	1.181	2.134	11.2	19.8
4 21	12 11.14	+10 31.1	1.213	2.120	15.5	20.0
5 1	12 5.33	+ 9 29.3	1.265	2.108	19.5	20.2

58535 Pattillo 3 29.4 135.°09 0.°5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.36	− 8 12.8	2.677	3.458	11.5	20.4
3 2	12 49.46	− 7 39.7	2.591	3.466	8.9	20.3
3 12	12 44.06	− 6 54.8	2.530	3.474	6.0	20.1
3 22	12 37.60	− 6 1.1	2.495	3.482	2.7	19.9
4 1	12 30.69	− 5 2.4	2.491	3.489	0.8	19.7
4 11	12 23.99	− 4 3.7	2.517	3.497	4.0	20.0
4 21	12 18.11	− 3 9.5	2.571	3.503	7.1	20.2
5 1	12 13.53	− 2 23.7	2.651	3.510	9.9	20.4

427957 2005 XV_{54} 3 29.4 134.°49 0.°2/29.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.25	− 6 44.5	2.323	3.107	12.9	23.3
3 2	12 53.38	− 6 18.6	2.244	3.121	10.0	23.2
3 12	12 46.70	− 5 40.9	2.188	3.135	6.6	23.0
3 22	12 38.75	− 4 54.4	2.160	3.148	2.9	22.8
4 1	12 30.28	− 4 3.5	2.162	3.160	0.9	22.6
4 11	12 22.12	− 3 13.5	2.193	3.172	4.7	22.9
4 21	12 14.99	− 2 29.2	2.253	3.183	8.1	23.1
5 1	12 9.47	− 1 54.5	2.338	3.194	11.2	23.4

279703 2011 FO_{92} 3 29.4 210.°08 0.°9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.18	− 6 4.7	2.106	2.890	14.0	20.6
3 2	12 56.79	− 6 21.9	2.012	2.888	11.0	20.4
3 12	12 49.19	− 6 29.0	1.940	2.885	7.5	20.2
3 22	12 39.92	− 6 27.5	1.896	2.881	3.6	19.9
4 1	12 29.84	− 6 20.0	1.880	2.878	1.2	19.7
4 11	12 19.94	− 6 10.2	1.894	2.874	5.1	20.0
4 21	12 11.16	− 6 2.1	1.936	2.870	9.0	20.2
5 1	12 4.25	− 5 59.3	2.002	2.866	12.4	20.4

456822 2007 TN_{412} 3 29.4 229.°17 4.°3/ 2.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.51	−16 11.8	1.801	2.560	17.0	21.6
3 2	12 55.31	−16 27.1	1.701	2.552	14.0	21.4
3 12	12 48.54	−16 21.9	1.622	2.543	10.5	21.1
3 22	12 39.75	−15 55.4	1.566	2.534	6.8	20.9
4 1	12 29.88	−15 9.5	1.537	2.525	4.3	20.7
4 11	12 20.13	−14 9.7	1.535	2.515	6.1	20.8
4 21	12 11.64	−13 3.7	1.559	2.504	9.9	21.0
5 1	12 5.32	−12 0.0	1.608	2.493	13.8	21.2

7031 Kazumiyoshioka 3 29.4 63.°96 0.°4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.47	− 5 29.4	1.355	2.172	18.7	17.3
3 2	12 57.13	− 5 31.4	1.287	2.182	14.6	17.1
3 12	12 49.79	− 5 17.9	1.239	2.193	9.7	16.8
3 22	12 40.24	− 4 52.1	1.215	2.203	4.3	16.5
4 1	12 29.75	− 4 19.5	1.216	2.214	1.4	16.3
4 11	12 19.79	− 3 47.6	1.243	2.225	6.8	16.7
4 21	12 11.62	− 3 22.9	1.294	2.236	11.8	17.0
5 1	12 6.13	− 3 10.4	1.367	2.247	16.1	17.3

13830 ARLT 3 29.4 122.°38 2.°7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.55	+ 2 8.5	2.138	2.954	12.7	18.4
3 2	12 52.24	+ 2 54.9	2.064	2.963	9.7	18.2
3 12	12 46.03	+ 3 48.0	2.014	2.971	6.3	18.0
3 22	12 38.49	+ 4 42.6	1.992	2.979	3.3	17.8
4 1	12 30.39	+ 5 32.8	1.998	2.986	3.5	17.8
4 11	12 22.60	+ 6 13.1	2.033	2.994	6.6	18.0
4 21	12 15.90	+ 6 39.8	2.094	3.001	9.9	18.2
5 1	12 10.87	+ 6 50.9	2.179	3.008	12.8	18.4

172074 2002 AQ_{93} 3 29.4 114.°79 0.°1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.69	− 6 8.0	2.642	3.428	11.4	21.2
3 2	12 50.46	− 5 43.2	2.562	3.441	8.8	21.0
3 12	12 44.70	− 5 8.4	2.507	3.454	5.8	20.8
3 22	12 37.87	− 4 26.5	2.479	3.467	2.5	20.6
4 1	12 30.61	− 3 41.1	2.480	3.479	0.9	20.5
4 11	12 23.60	− 2 56.8	2.512	3.491	4.2	20.8
4 21	12 17.44	− 2 17.5	2.572	3.502	7.3	21.0
5 1	12 12.62	− 1 46.5	2.658	3.514	10.0	21.2

136903 1998 HR_{58} 3 29.4 314.°44 0.°9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.80	− 4 12.0	1.307	2.143	18.2	20.6
3 2	12 51.81	− 3 50.6	1.205	2.113	14.3	20.2
3 12	12 46.79	− 3 10.7	1.123	2.083	9.6	19.9
3 22	12 39.20	− 2 15.7	1.063	2.054	4.1	19.5
4 1	12 30.04	− 1 12.9	1.028	2.026	2.2	19.2
4 11	12 20.80	− 0 12.2	1.017	1.998	8.2	19.5
4 21	12 12.95	+ 0 36.4	1.028	1.971	14.0	19.7
5 1	12 7.75	+ 1 5.5	1.059	1.945	19.2	19.9

509194 2006 QQ_{108} 3 29.4 119.°76 0.°9/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.51	− 3 53.0	2.948	3.739	10.3	22.3
3 2	12 49.35	− 2 58.1	2.874	3.758	7.8	22.1
3 12	12 43.87	− 1 54.8	2.825	3.777	5.0	22.0
3 22	12 37.49	− 0 46.5	2.805	3.795	2.1	21.8
4 1	12 30.76	+ 0 22.1	2.817	3.812	1.5	21.8
4 11	12 24.27	+ 1 26.3	2.859	3.829	4.3	22.0
4 21	12 18.56	+ 2 22.4	2.930	3.846	7.1	22.2
5 1	12 14.03	+ 3 7.4	3.027	3.862	9.5	22.4

190326 1998 QD_{69} 3 29.4 183.°18 0.°3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.77	− 8 48.7	1.848	2.637	15.5	20.9
3 2	12 54.42	− 8 0.1	1.758	2.638	12.2	20.7
3 12	12 47.73	− 6 52.6	1.692	2.639	8.1	20.4
3 22	12 39.31	− 5 30.3	1.651	2.638	3.7	20.1
4 1	12 30.08	− 3 59.9	1.639	2.637	1.2	19.9
4 11	12 21.12	− 2 29.9	1.655	2.635	5.8	20.3
4 21	12 13.42	− 1 8.6	1.700	2.632	10.2	20.5
5 1	12 7.72	− 0 2.5	1.768	2.628	14.0	20.7

523533 2017 PA_6 3 29.4 170.°14 1.°5/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.62	− 1 45.1	2.257	3.064	12.5	21.9
3 2	12 51.50	− 1 0.6	2.173	3.066	9.6	21.7
3 12	12 45.56	− 0 6.4	2.113	3.068	6.2	21.5
3 22	12 38.30	+ 0 53.1	2.080	3.070	2.7	21.3
4 1	12 30.47	+ 1 52.3	2.077	3.071	2.3	21.3
4 11	12 22.87	+ 2 45.6	2.103	3.072	5.7	21.5
4 21	12 16.25	+ 3 28.1	2.156	3.073	9.1	21.7
5 1	12 11.21	+ 3 56.8	2.233	3.073	12.2	21.9

332607 2008 SO_{291} 3 29.4 210.°70 2.°6/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.82	−13 30.7	2.148	2.914	14.4	21.3
3 2	12 51.91	−13 23.0	2.052	2.911	11.6	21.1
3 12	12 45.98	−12 58.2	1.977	2.908	8.3	20.9
3 22	12 38.54	−12 17.3	1.928	2.905	4.8	20.7
4 1	12 30.37	−11 23.8	1.907	2.901	2.6	20.5
4 11	12 22.39	−10 23.1	1.915	2.897	4.8	20.6
4 21	12 15.43	− 9 21.5	1.950	2.893	8.4	20.8
5 1	12 10.18	− 8 25.2	2.010	2.889	11.7	21.0

517587 2014 WD_{71} 3 29.4 191.°79 1.°4/27.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.88	− 3 6.1	2.068	2.871	13.6	22.5
3 2	12 53.46	− 2 16.2	1.979	2.870	10.5	22.2
3 12	12 46.97	− 1 14.0	1.913	2.867	6.8	22.0
3 22	12 38.96	− 0 4.2	1.875	2.865	2.9	21.7
4 1	12 30.23	+ 1 7.0	1.866	2.861	2.2	21.7
4 11	12 21.74	+ 2 12.5	1.886	2.857	6.1	21.9
4 21	12 14.33	+ 3 6.5	1.934	2.853	9.9	22.2
5 1	12 8.70	+ 3 45.1	2.005	2.847	13.3	22.4

204289 2004 PP_3 3 29.4 176.°27 2.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.03	+ 0 15.2	1.796	2.612	14.8	21.1
3 2	12 55.38	+ 1 9.6	1.716	2.614	11.4	20.9
3 12	12 48.35	+ 2 14.9	1.659	2.616	7.4	20.6
3 22	12 39.58	+ 3 24.7	1.629	2.617	3.6	20.4
4 1	12 30.02	+ 4 31.6	1.627	2.618	3.6	20.4
4 11	12 20.80	+ 5 27.8	1.653	2.618	7.5	20.6
4 21	12 12.89	+ 6 7.9	1.705	2.617	11.5	20.9
5 1	12 7.05	+ 6 28.9	1.780	2.615	15.0	21.1

157837 1998 FC_{125} 3 29.4 315.°46 4.°0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.03	+ 6 3.5	1.658	2.487	15.3	19.7
3 2	12 56.52	+ 6 17.9	1.569	2.473	11.9	19.5
3 12	12 49.34	+ 6 35.4	1.503	2.459	8.0	19.2
3 22	12 40.09	+ 6 50.6	1.461	2.446	4.6	19.0
4 1	12 29.82	+ 6 57.1	1.447	2.433	4.9	18.9
4 11	12 19.77	+ 6 49.9	1.459	2.421	8.6	19.1
4 21	12 11.10	+ 6 26.2	1.496	2.409	12.7	19.3
5 1	12 4.73	+ 5 45.4	1.555	2.397	16.4	19.5

506512 2004 PV_{77} 3 29.4 225.°92 5.°7/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.83	−22 11.1	2.362	3.069	14.7	22.0
3 2	12 54.28	−22 38.7	2.252	3.059	12.6	21.8
3 12	12 47.60	−22 47.4	2.162	3.048	10.1	21.6
3 22	12 39.29	−22 35.8	2.097	3.037	7.5	21.5
4 1	12 30.10	−22 3.9	2.058	3.025	5.8	21.3
4 11	12 20.96	−21 15.0	2.048	3.013	6.2	21.3
4 21	12 12.78	−20 14.5	2.065	3.000	8.5	21.4
5 1	12 6.31	−19 9.5	2.108	2.987	11.3	21.6

345609 2006 SN_{182} 3 29.4 135.°91 0.°1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.86	− 6 56.3	2.622	3.410	11.5	21.2
3 2	12 49.12	− 6 8.9	2.537	3.418	8.9	21.0
3 12	12 43.86	− 5 9.7	2.477	3.425	5.8	20.8
3 22	12 37.54	− 4 2.2	2.444	3.433	2.5	20.6
4 1	12 30.77	− 2 51.1	2.442	3.440	1.0	20.5
4 11	12 24.21	− 1 41.8	2.469	3.447	4.3	20.7
4 21	12 18.48	− 0 39.2	2.525	3.453	7.5	20.9
5 1	12 14.06	+ 0 12.8	2.607	3.459	10.3	21.1

467426 2005 VA_{85} 3 29.4 110.°34 2.°2/27.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.35	+ 0 24.3	1.947	2.761	13.9	22.3
3 2	12 53.78	+ 1 2.8	1.875	2.773	10.6	22.2
3 12	12 47.12	+ 1 49.7	1.828	2.784	6.9	21.9
3 22	12 38.99	+ 2 39.7	1.806	2.795	3.2	21.7
4 1	12 30.26	+ 3 26.9	1.814	2.806	3.0	21.7
4 11	12 21.91	+ 4 5.4	1.849	2.817	6.6	22.0
4 21	12 14.79	+ 4 31.0	1.911	2.827	10.2	22.2
5 1	12 9.52	+ 4 41.3	1.996	2.837	13.4	22.4

242418 2004 GV_{73} 3 29.4 259.°20 1.°9/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.27	− 1 22.1	2.323	3.136	12.0	20.5
3 2	12 48.95	− 0 21.4	2.234	3.131	9.1	20.3
3 12	12 43.90	+ 0 49.6	2.169	3.126	5.9	20.1
3 22	12 37.61	+ 2 6.2	2.131	3.121	2.7	19.9
4 1	12 30.74	+ 3 22.0	2.123	3.115	2.7	19.9
4 11	12 24.05	+ 4 30.9	2.144	3.110	5.9	20.1
4 21	12 18.24	+ 5 27.8	2.192	3.105	9.3	20.3
5 1	12 13.89	+ 6 9.0	2.264	3.099	12.2	20.5

125190 2001 UP_{121} 3 29.4 17.°55 5.°7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.82	+ 6 5.1	1.241	2.091	18.1	19.0
3 2	12 55.33	+ 6 57.2	1.178	2.093	13.9	18.8
3 12	12 48.74	+ 7 55.6	1.135	2.095	9.5	18.5
3 22	12 39.84	+ 8 50.9	1.115	2.098	6.0	18.3
4 1	12 29.95	+ 9 32.9	1.120	2.102	6.8	18.4
4 11	12 20.62	+ 9 53.3	1.148	2.106	10.8	18.6
4 21	12 13.15	+ 9 48.7	1.199	2.111	15.2	18.9
5 1	12 8.42	+ 9 19.2	1.268	2.116	19.1	19.1

499887 2011 FM_{90} 3 29.4 155.°97 0.°9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.60	− 7 13.7	2.031	2.820	14.3	21.6
3 2	12 54.07	− 7 11.0	1.944	2.823	11.2	21.4
3 12	12 47.39	− 6 55.8	1.879	2.825	7.6	21.2
3 22	12 39.16	− 6 30.0	1.841	2.827	3.6	20.9
4 1	12 30.19	− 5 57.6	1.830	2.829	1.2	20.7
4 11	12 21.47	− 5 23.6	1.849	2.830	5.1	21.0
4 21	12 13.89	− 4 53.0	1.895	2.832	9.0	21.3
5 1	12 8.14	− 4 30.3	1.965	2.833	12.4	21.5

55077 2001 QP_{98} 3 29.4 78.°52 2.°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.50	+ 0 22.2	2.211	3.026	12.4	19.1
3 2	12 50.50	+ 1 32.5	2.152	3.051	9.4	18.9
3 12	12 44.78	+ 2 50.7	2.118	3.075	6.0	18.7
3 22	12 37.92	+ 4 10.8	2.112	3.100	3.0	18.6
4 1	12 30.66	+ 5 26.1	2.136	3.124	3.3	18.6
4 11	12 23.78	+ 6 30.7	2.188	3.148	6.3	18.9
4 21	12 17.95	+ 7 20.5	2.267	3.171	9.4	19.1
5 1	12 13.67	+ 7 53.2	2.370	3.194	12.1	19.3

198026 2004 RB_{230} 3 29.4 98.°08 0.°5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.32	− 7 21.4	1.932	2.729	14.7	21.1
3 2	12 52.38	− 7 2.1	1.849	2.733	11.5	20.9
3 12	12 46.31	− 6 28.5	1.789	2.737	7.7	20.7
3 22	12 38.69	− 5 43.6	1.754	2.742	3.5	20.4
4 1	12 30.36	− 4 52.2	1.747	2.746	1.1	20.3
4 11	12 22.33	− 4 0.7	1.769	2.750	5.3	20.6
4 21	12 15.46	− 3 14.8	1.817	2.754	9.3	20.8
5 1	12 10.43	− 2 39.6	1.889	2.758	12.8	21.0

78554 2002 RH_{136} 3 29.4 228.°10 2.°9/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.61	+ 1 7.5	1.897	2.716	14.0	20.2
3 2	12 53.50	+ 2 2.6	1.808	2.708	10.8	19.9
3 12	12 47.15	+ 3 7.7	1.742	2.699	7.0	19.7
3 22	12 39.10	+ 4 17.2	1.703	2.690	3.6	19.4
4 1	12 30.22	+ 5 23.5	1.692	2.681	3.8	19.4
4 11	12 21.55	+ 6 19.4	1.709	2.671	7.5	19.6
4 21	12 14.04	+ 6 59.3	1.751	2.660	11.4	19.8
5 1	12 8.44	+ 7 20.2	1.817	2.650	14.8	20.0

465150 2007 CW_{32} 3 29.4 268.°49 4.°4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.45	−15 45.3	1.896	2.655	16.2	21.5
3 2	12 54.41	−16 11.6	1.793	2.644	13.4	21.3
3 12	12 47.92	−16 19.8	1.711	2.632	10.1	21.0
3 22	12 39.51	−16 8.8	1.653	2.620	6.6	20.8
4 1	12 30.05	−15 40.0	1.621	2.608	4.4	20.6
4 11	12 20.66	−14 57.6	1.617	2.596	6.0	20.7
4 21	12 12.42	−14 8.1	1.639	2.584	9.6	20.9
5 1	12 6.21	−13 18.8	1.685	2.572	13.2	21.1

134297 2006 DE_{59} 3 29.4 306.°24 0.°8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.71	− 7 21.1	1.347	2.169	18.5	19.7
3 2	12 53.17	− 7 14.8	1.251	2.148	14.7	19.4
3 12	12 47.60	− 6 48.9	1.174	2.127	10.1	19.0
3 22	12 39.53	− 6 5.6	1.119	2.107	4.7	18.7
4 1	12 30.02	− 5 10.4	1.088	2.087	1.5	18.4
4 11	12 20.53	− 4 11.9	1.083	2.067	7.2	18.7
4 21	12 12.50	− 3 19.7	1.101	2.048	12.8	18.9
5 1	12 7.10	− 2 41.8	1.139	2.029	17.9	19.1

148376 2000 SX_{195} 3 29.4 143.°88 0.°1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.25	− 5 43.6	2.867	3.652	10.7	21.4
3 2	12 50.04	− 5 15.0	2.782	3.661	8.2	21.2
3 12	12 44.41	− 4 37.2	2.722	3.669	5.4	21.0
3 22	12 37.78	− 3 52.9	2.690	3.678	2.3	20.8
4 1	12 30.73	− 3 5.7	2.687	3.686	0.9	20.7
4 11	12 23.88	− 2 19.7	2.716	3.693	4.0	21.0
4 21	12 17.80	− 1 38.7	2.773	3.700	6.9	21.2
5 1	12 12.96	− 1 5.9	2.856	3.707	9.5	21.4

295603 2008 SW_{176} 3 29.4 120.°95 3.°1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.21	+ 0 20.8	1.561	2.385	16.3	21.3
3 2	12 55.71	+ 1 19.8	1.495	2.398	12.4	21.1
3 12	12 48.63	+ 2 30.2	1.451	2.410	8.1	20.9
3 22	12 39.72	+ 3 44.6	1.433	2.421	3.9	20.7
4 1	12 30.05	+ 4 54.3	1.442	2.432	4.1	20.7
4 11	12 20.89	+ 5 50.8	1.477	2.443	8.1	21.0
4 21	12 13.28	+ 6 28.6	1.538	2.453	12.3	21.2
5 1	12 7.97	+ 6 45.3	1.620	2.462	15.9	21.5

341302 2007 RA_{322} 3 29.4 143.°69 0.°1/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.12	− 6 6.8	2.285	3.079	12.8	21.8
3 2	12 51.11	− 5 37.5	2.200	3.083	9.9	21.6
3 12	12 45.31	− 4 56.2	2.138	3.087	6.5	21.4
3 22	12 38.23	− 4 6.2	2.103	3.092	2.8	21.2
4 1	12 30.57	− 3 12.1	2.097	3.095	1.0	21.0
4 11	12 23.15	− 2 19.4	2.120	3.099	4.8	21.3
4 21	12 16.70	− 1 33.0	2.171	3.103	8.3	21.5
5 1	12 11.79	− 0 57.0	2.247	3.106	11.5	21.7

312128 2007 TX_{248} 3 29.4 179.°64 1.°6/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.34	− 9 23.3	1.890	2.671	15.5	21.6
3 2	12 56.40	− 9 22.9	1.801	2.673	12.3	21.3
3 12	12 49.06	− 9 7.3	1.733	2.674	8.5	21.1
3 22	12 39.94	− 8 38.2	1.691	2.674	4.3	20.9
4 1	12 29.95	− 7 59.0	1.677	2.674	1.7	20.7
4 11	12 20.21	− 7 15.7	1.691	2.673	5.4	20.9
4 21	12 11.73	− 6 34.3	1.733	2.672	9.6	21.2
5 1	12 5.30	− 6 0.4	1.799	2.670	13.3	21.4

222710 2002 AN_{91} 3 29.4 85.°44 1.°3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.19	− 3 43.3	1.850	2.663	14.6	20.4
3 2	12 51.52	− 2 52.0	1.776	2.672	11.2	20.2
3 12	12 45.73	− 1 47.4	1.726	2.682	7.2	20.0
3 22	12 38.44	− 0 34.9	1.701	2.691	3.0	19.7
4 1	12 30.51	+ 0 38.6	1.705	2.701	2.2	19.7
4 11	12 22.94	+ 1 45.5	1.737	2.710	6.3	19.9
4 21	12 16.58	+ 2 39.7	1.794	2.720	10.2	20.2
5 1	12 12.08	+ 3 17.2	1.875	2.729	13.6	20.4

380576 2004 RE_{163} 3 29.4 214.°47 1.°2/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.34	− 3 36.1	2.094	2.900	13.4	21.7
3 2	12 51.52	− 2 48.2	2.003	2.895	10.3	21.5
3 12	12 45.72	− 1 47.7	1.936	2.891	6.7	21.2
3 22	12 38.46	− 0 39.1	1.896	2.886	2.8	21.0
4 1	12 30.50	+ 0 31.4	1.885	2.881	2.0	20.9
4 11	12 22.75	+ 1 37.1	1.902	2.875	5.9	21.2
4 21	12 16.02	+ 2 32.1	1.947	2.870	9.7	21.4
5 1	12 10.98	+ 3 12.3	2.015	2.864	13.0	21.6

125432 2001 VV_{114} 3 29.4 190.°54 2.°6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.95	−12 59.5	1.833	2.605	16.3	20.2
3 2	12 55.47	−12 51.9	1.741	2.604	13.1	19.9
3 12	12 48.53	−12 24.8	1.669	2.603	9.4	19.7
3 22	12 39.75	−11 39.4	1.622	2.601	5.3	19.5
4 1	12 30.04	−10 39.5	1.603	2.598	2.6	19.3
4 11	12 20.56	− 9 31.9	1.612	2.594	5.5	19.5
4 21	12 12.35	− 8 24.3	1.648	2.590	9.7	19.7
5 1	12 6.24	− 7 24.2	1.708	2.586	13.5	19.9

368721 2005 UK_{29} 3 29.4 167.°30 1.°2/28.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.87	− 1 51.0	2.496	3.290	11.8	22.4
3 2	12 53.80	− 1 19.3	2.410	3.295	9.1	22.2
3 12	12 46.99	− 0 39.3	2.349	3.300	5.9	22.0
3 22	12 38.94	+ 0 5.3	2.316	3.305	2.5	21.8
4 1	12 30.35	+ 0 50.1	2.313	3.308	1.8	21.7
4 11	12 22.00	+ 1 30.4	2.341	3.311	5.1	22.0
4 21	12 14.59	+ 2 2.2	2.397	3.313	8.4	22.2
5 1	12 8.69	+ 2 22.9	2.478	3.315	11.2	22.4

273042 2006 DG_{137} 3 29.4 259.°36 0.°2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.23	− 4 14.9	2.134	2.931	13.4	21.4
3 2	12 53.82	− 4 5.3	2.032	2.918	10.5	21.1
3 12	12 47.30	− 3 45.2	1.954	2.904	7.0	20.9
3 22	12 39.19	− 3 17.3	1.901	2.890	3.0	20.6
4 1	12 30.24	− 2 45.5	1.878	2.876	1.2	20.4
4 11	12 21.40	− 2 14.9	1.883	2.862	5.4	20.7
4 21	12 13.56	− 1 50.0	1.916	2.847	9.3	20.9
5 1	12 7.46	− 1 34.8	1.973	2.832	12.8	21.1

299967 2006 TS_{90} 3 29.4 73.°93 0.°6/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.69	− 7 17.5	2.339	3.128	12.7	21.1
3 2	12 50.75	− 7 2.4	2.256	3.135	9.9	20.9
3 12	12 45.06	− 6 35.6	2.197	3.143	6.6	20.7
3 22	12 38.13	− 5 59.7	2.163	3.150	3.1	20.5
4 1	12 30.66	− 5 18.5	2.159	3.157	0.9	20.3
4 11	12 23.44	− 4 36.9	2.184	3.165	4.5	20.6
4 21	12 17.16	− 3 59.3	2.236	3.172	7.9	20.8
5 1	12 12.38	− 3 29.7	2.314	3.180	10.9	21.0

80075 1999 JN_{100} 3 29.4 274.°67 0.°6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.91	− 6 8.9	2.353	3.151	12.3	19.5
3 2	12 48.75	− 5 12.1	2.250	3.137	9.5	19.3
3 12	12 43.85	− 4 1.1	2.170	3.122	6.3	19.0
3 22	12 37.66	− 2 39.6	2.118	3.108	2.6	18.8
4 1	12 30.82	− 1 13.4	2.095	3.093	1.4	18.6
4 11	12 24.09	+ 0 10.8	2.102	3.078	5.2	18.9
4 21	12 18.20	+ 1 26.6	2.137	3.063	8.8	19.1
5 1	12 13.74	+ 2 29.1	2.196	3.048	12.0	19.3

229086 2004 NG_{14} 3 29.4 243.°02 1.°2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.06	− 9 55.0	2.266	3.042	13.4	22.2
3 2	12 52.86	− 9 35.8	2.156	3.026	10.7	21.9
3 12	12 46.66	− 9 1.5	2.069	3.009	7.4	21.7
3 22	12 38.92	− 8 14.2	2.008	2.991	3.7	21.4
4 1	12 30.37	− 7 17.3	1.976	2.973	1.3	21.2
4 11	12 21.88	− 6 16.6	1.973	2.955	4.8	21.4
4 21	12 14.30	− 5 17.9	1.999	2.936	8.6	21.6
5 1	12 8.34	− 4 26.9	2.050	2.916	12.1	21.8

86271 1999 TR_{280} 3 29.4 90.°44 1.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.58	− 1 18.4	1.994	2.806	13.7	19.4
3 2	12 52.36	− 0 30.9	1.927	2.823	10.4	19.2
3 12	12 46.17	+ 0 26.3	1.883	2.840	6.7	19.0
3 22	12 38.61	+ 1 28.0	1.867	2.856	3.0	18.8
4 1	12 30.52	+ 2 27.9	1.879	2.872	2.6	18.8
4 11	12 22.83	+ 3 19.8	1.919	2.888	6.2	19.1
4 21	12 16.30	+ 3 59.0	1.986	2.904	9.8	19.3
5 1	12 11.54	+ 4 22.7	2.076	2.919	12.9	19.6

172447 2003 QX_{59} 3 29.4 238.°42 1.°6/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.00	− 1 14.3	1.782	2.593	15.1	20.5
3 2	12 56.36	− 0 51.7	1.688	2.582	11.7	20.2
3 12	12 49.19	− 0 18.5	1.616	2.571	7.7	19.9
3 22	12 40.08	+ 0 21.2	1.570	2.559	3.4	19.6
4 1	12 29.96	+ 1 1.5	1.552	2.547	2.5	19.6
4 11	12 20.02	+ 1 35.8	1.561	2.535	6.9	19.8
4 21	12 11.33	+ 1 59.0	1.597	2.522	11.3	20.0
5 1	12 4.77	+ 2 7.3	1.656	2.508	15.2	20.2

433880 2015 BG_{341} 3 29.4 9.°60 3.°3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.93	+ 2 10.5	1.582	2.418	15.5	20.4
3 2	12 51.72	+ 2 52.3	1.511	2.420	11.9	20.1
3 12	12 46.09	+ 3 42.9	1.461	2.422	7.8	19.9
3 22	12 38.68	+ 4 35.8	1.437	2.425	4.0	19.7
4 1	12 30.49	+ 5 23.3	1.438	2.428	4.2	19.7
4 11	12 22.67	+ 5 58.2	1.466	2.432	8.1	19.9
4 21	12 16.24	+ 6 16.1	1.518	2.437	12.1	20.2
5 1	12 11.93	+ 6 14.6	1.591	2.442	15.7	20.4

348716 2006 DK_{39} 3 29.4 326.°25 0.°1/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.13	− 4 58.1	1.284	2.113	18.8	20.9
3 2	12 54.25	− 4 56.2	1.200	2.103	14.8	20.6
3 12	12 48.27	− 4 37.9	1.135	2.093	9.9	20.3
3 22	12 39.81	− 4 6.2	1.093	2.083	4.4	20.0
4 1	12 30.04	− 3 27.2	1.076	2.074	1.5	19.7
4 11	12 20.50	− 2 49.2	1.083	2.066	7.4	20.1
4 21	12 12.61	− 2 19.9	1.113	2.058	12.9	20.4
5 1	12 7.44	− 2 5.4	1.163	2.051	17.7	20.6

496439 2014 OC_{36} 3 29.4 302.°52 4.°3/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.86	+ 1 46.3	1.272	2.119	17.9	21.4
3 2	12 53.29	+ 2 47.6	1.189	2.104	13.8	21.1
3 12	12 47.65	+ 4 3.5	1.125	2.088	9.2	20.8
3 22	12 39.55	+ 5 25.8	1.085	2.073	5.0	20.5
4 1	12 30.14	+ 6 43.0	1.070	2.058	5.6	20.5
4 11	12 20.94	+ 7 43.7	1.079	2.044	10.4	20.7
4 21	12 13.35	+ 8 19.9	1.109	2.030	15.4	20.9
5 1	12 8.44	+ 8 28.0	1.159	2.017	19.9	21.1

423570 2005 UE_{511} 3 29.4 161.°78 1.°0/30.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.74	− 9 30.5	2.490	3.261	12.5	23.4
3 2	12 52.98	− 9 5.5	2.401	3.268	9.8	23.2
3 12	12 46.49	− 8 27.5	2.335	3.275	6.7	23.0
3 22	12 38.76	− 7 38.7	2.297	3.281	3.3	22.8
4 1	12 30.47	− 6 43.0	2.288	3.286	1.1	22.6
4 11	12 22.42	− 5 45.6	2.310	3.291	4.3	22.9
4 21	12 15.30	− 4 51.5	2.360	3.294	7.6	23.1
5 1	12 9.68	− 4 5.2	2.437	3.297	10.6	23.3

297672 2001 UL_{95} 3 29.4 219.°63 2.°2/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.13	−12 22.5	1.823	2.599	16.2	22.0
3 2	12 54.93	−12 5.5	1.724	2.591	13.0	21.7
3 12	12 48.27	−11 28.5	1.645	2.582	9.2	21.5
3 22	12 39.69	−10 32.8	1.592	2.572	5.0	21.2
4 1	12 30.11	− 9 22.7	1.566	2.562	2.2	21.0
4 11	12 20.69	− 8 5.6	1.568	2.551	5.6	21.2
4 21	12 12.48	− 6 49.7	1.597	2.539	10.0	21.4
5 1	12 6.36	− 5 42.8	1.651	2.527	14.0	21.6

272860 2006 BN_{56} 3 29.4 119.°93 6.°5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.80	+12 39.7	2.014	2.846	12.8	20.4
3 2	12 52.60	+14 4.7	1.954	2.854	10.1	20.3
3 12	12 46.36	+15 29.0	1.919	2.862	7.7	20.1
3 22	12 38.72	+16 44.3	1.910	2.870	6.5	20.1
4 1	12 30.50	+17 43.2	1.928	2.877	7.6	20.2
4 11	12 22.67	+18 20.2	1.973	2.885	10.0	20.3
4 21	12 16.02	+18 33.5	2.042	2.892	12.7	20.5
5 1	12 11.17	+18 23.5	2.131	2.899	15.1	20.7

503636 2016 GX_{170} 3 29.4 339.°19 3.°9/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.93	+ 1 19.9	1.359	2.208	16.8	20.4
3 2	12 49.93	+ 2 21.2	1.281	2.197	12.9	20.1
3 12	12 45.22	+ 3 36.0	1.223	2.187	8.5	19.8
3 22	12 38.42	+ 4 56.5	1.189	2.177	4.5	19.6
4 1	12 30.57	+ 6 12.2	1.179	2.169	5.1	19.6
4 11	12 23.01	+ 7 12.7	1.195	2.161	9.5	19.8
4 21	12 16.92	+ 7 50.9	1.232	2.154	14.1	20.0
5 1	12 13.20	+ 8 3.3	1.290	2.149	18.2	20.3

171890 2001 RL_{42} 3 29.4 158.°24 4.°1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.24	+ 7 54.5	2.597	3.418	10.6	20.8
3 2	12 50.21	+ 9 4.5	2.524	3.423	8.1	20.7
3 12	12 44.62	+10 17.2	2.477	3.427	5.7	20.5
3 22	12 37.93	+11 26.8	2.458	3.432	4.2	20.4
4 1	12 30.78	+12 27.8	2.468	3.435	4.9	20.5
4 11	12 23.86	+13 15.3	2.507	3.439	7.2	20.6
4 21	12 17.80	+13 46.4	2.573	3.442	9.7	20.8
5 1	12 13.10	+14 0.2	2.661	3.445	12.0	20.9

104654 2000 GS_{134} 3 29.4 289.°16 4.°8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.75	+ 2 37.3	1.666	2.504	14.8	19.5
3 2	12 50.10	+ 4 22.6	1.580	2.491	11.3	19.3
3 12	12 45.10	+ 6 21.7	1.519	2.479	7.6	19.0
3 22	12 38.31	+ 8 25.3	1.484	2.467	4.9	18.8
4 1	12 30.62	+10 21.9	1.476	2.455	6.1	18.9
4 11	12 23.14	+12 0.6	1.495	2.442	9.8	19.1
4 21	12 16.86	+13 13.9	1.538	2.430	13.7	19.3
5 1	12 12.59	+13 58.4	1.602	2.419	17.2	19.5

155586 2000 AU_{182} 3 29.4 340.°09 2.°7/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.76	−13 1.9	1.209	2.024	20.6	19.4
3 2	12 51.00	−12 45.4	1.129	2.018	16.6	19.1
3 12	12 46.17	−11 59.7	1.066	2.013	11.8	18.8
3 22	12 38.91	−10 46.7	1.025	2.008	6.5	18.5
4 1	12 30.40	− 9 12.9	1.007	2.004	2.7	18.2
4 11	12 22.20	− 7 30.3	1.013	2.000	7.0	18.5
4 21	12 15.69	− 5 52.2	1.043	1.997	12.5	18.7
5 1	12 11.91	− 4 30.1	1.092	1.995	17.4	19.0

277492 2005 WB_{87} 3 29.4 66.°22 6.°0/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.64	−21 22.6	1.916	2.649	16.9	20.6
3 2	12 52.93	−21 48.0	1.826	2.651	14.3	20.4
3 12	12 46.88	−21 50.8	1.755	2.653	11.3	20.2
3 22	12 39.06	−21 29.7	1.707	2.655	8.2	20.1
4 1	12 30.37	−20 45.8	1.684	2.657	6.1	19.9
4 11	12 21.89	−19 44.0	1.688	2.660	6.6	20.0
4 21	12 14.64	−18 31.6	1.718	2.662	9.3	20.1
5 1	12 9.40	−17 17.2	1.772	2.664	12.4	20.3

463183 2012 BL_{109} 3 29.4 96.°44 0.°3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.19	− 5 24.2	1.688	2.492	16.1	22.6
3 2	12 55.51	− 4 58.7	1.621	2.510	12.5	22.4
3 12	12 48.43	− 4 19.0	1.575	2.527	8.2	22.2
3 22	12 39.65	− 3 29.4	1.555	2.544	3.5	21.9
4 1	12 30.20	− 2 35.9	1.563	2.561	1.4	21.8
4 11	12 21.24	− 1 45.6	1.598	2.577	6.0	22.1
4 21	12 13.74	− 1 4.8	1.660	2.593	10.3	22.4
5 1	12 8.40	− 0 37.5	1.745	2.609	14.0	22.7

125465 2001 WY_9 3 29.4 201.°70 2.°0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.86	− 1 26.1	1.910	2.726	14.1	20.0
3 2	12 52.09	− 0 35.2	1.827	2.725	10.8	19.8
3 12	12 46.18	+ 0 27.3	1.766	2.724	7.0	19.5
3 22	12 38.71	+ 1 36.0	1.733	2.722	3.1	19.3
4 1	12 30.51	+ 2 44.1	1.727	2.720	2.9	19.3
4 11	12 22.57	+ 3 44.3	1.749	2.718	6.7	19.5
4 21	12 15.77	+ 4 30.9	1.798	2.716	10.6	19.7
5 1	12 10.81	+ 5 0.4	1.869	2.714	14.0	19.9

497953 2006 WW_{205} 3 29.4 54.°56 7.°4/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.52	−23 33.8	1.707	2.436	18.9	21.1
3 2	12 53.90	−24 14.6	1.626	2.444	16.1	20.9
3 12	12 47.65	−24 29.8	1.564	2.453	13.0	20.7
3 22	12 39.42	−24 16.9	1.522	2.462	9.9	20.5
4 1	12 30.25	−23 36.2	1.505	2.471	7.7	20.4
4 11	12 21.39	−22 33.0	1.514	2.480	7.9	20.4
4 21	12 13.97	−21 15.7	1.547	2.489	10.2	20.6
5 1	12 8.84	−19 54.2	1.604	2.499	13.3	20.8

437127 2012 UL_{149} 3 29.4 104.°08 0.°1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.18	− 5 27.1	2.466	3.255	12.1	21.8
3 2	12 51.74	− 5 9.6	2.388	3.268	9.3	21.6
3 12	12 45.64	− 4 42.4	2.333	3.282	6.2	21.4
3 22	12 38.38	− 4 8.1	2.307	3.295	2.7	21.2
4 1	12 30.64	− 3 30.5	2.309	3.307	0.9	21.1
4 11	12 23.18	− 2 54.0	2.341	3.320	4.4	21.3
4 21	12 16.65	− 2 22.7	2.402	3.332	7.7	21.6
5 1	12 11.59	− 1 59.7	2.487	3.345	10.5	21.8

439793 2015 HP_{49} 3 29.4 280.°11 5.°4/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.94	+10 27.5	2.166	2.996	12.1	21.3
3 2	12 51.14	+11 35.0	2.089	2.991	9.4	21.1
3 12	12 45.44	+12 44.0	2.037	2.985	6.9	20.9
3 22	12 38.36	+13 47.7	2.011	2.980	5.5	20.8
4 1	12 30.65	+14 39.3	2.013	2.974	6.4	20.9
4 11	12 23.18	+15 13.4	2.042	2.969	8.9	21.0
4 21	12 16.74	+15 27.3	2.096	2.963	11.7	21.2
5 1	12 11.93	+15 20.4	2.171	2.958	14.3	21.3

402146 2004 RQ_{49} 3 29.4 196.°16 1.°1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.25	− 7 31.7	1.733	2.525	16.3	21.5
3 2	12 57.37	− 7 31.4	1.644	2.523	12.9	21.2
3 12	12 49.88	− 7 16.3	1.575	2.521	8.8	21.0
3 22	12 40.40	− 6 48.4	1.532	2.518	4.2	20.7
4 1	12 29.92	− 6 11.8	1.517	2.515	1.4	20.5
4 11	12 19.69	− 5 32.7	1.530	2.511	5.9	20.8
4 21	12 10.82	− 4 57.3	1.569	2.507	10.4	21.0
5 1	12 4.19	− 4 31.2	1.632	2.502	14.4	21.3

463652 2013 TG_{145} 3 29.4 186.°15 0.°6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.05	− 2 16.5	2.053	2.850	13.9	20.9
3 2	12 56.72	− 2 18.7	1.964	2.850	10.8	20.7
3 12	12 49.18	− 2 12.6	1.899	2.850	7.1	20.5
3 22	12 40.01	− 2 1.1	1.860	2.849	3.0	20.2
4 1	12 30.07	− 1 47.7	1.851	2.849	1.4	20.1
4 11	12 20.38	− 1 36.8	1.871	2.848	5.6	20.4
4 21	12 11.86	− 1 31.9	1.918	2.846	9.5	20.6
5 1	12 5.24	− 1 36.0	1.990	2.845	12.9	20.8

383761 2007 VJ_{227} 3 29.4 112.°52 2.°8/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.44	+ 4 6.8	2.511	3.323	11.2	21.5
3 2	12 51.85	+ 4 50.6	2.443	3.339	8.5	21.3
3 12	12 45.66	+ 5 38.3	2.400	3.354	5.6	21.2
3 22	12 38.38	+ 6 25.5	2.385	3.369	3.2	21.0
4 1	12 30.67	+ 7 7.3	2.399	3.383	3.5	21.1
4 11	12 23.27	+ 7 39.4	2.443	3.397	6.1	21.3
4 21	12 16.81	+ 7 59.1	2.514	3.411	8.9	21.5
5 1	12 11.80	+ 8 4.9	2.609	3.425	11.4	21.7

79038 3144 $T\text{-}_2$ 3 29.4 185.°62 1.°3/28.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.74	− 2 59.7	2.011	2.814	13.9	21.5
3 2	12 54.20	− 2 16.2	1.924	2.814	10.7	21.2
3 12	12 47.54	− 1 20.8	1.860	2.814	7.0	21.0
3 22	12 39.30	− 0 17.9	1.823	2.813	3.0	20.8
4 1	12 30.33	+ 0 46.4	1.816	2.811	2.2	20.7
4 11	12 21.61	+ 1 45.2	1.837	2.809	6.1	20.9
4 21	12 14.03	+ 2 32.8	1.885	2.806	10.0	21.2
5 1	12 8.28	+ 3 5.4	1.957	2.802	13.4	21.4

406512 2007 VD_{154} 3 29.4 179.°87 1.°0/30.4 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.74	− 9 53.1	2.115	2.892	14.2	22.9
3 2	12 54.14	− 9 20.1	2.023	2.894	11.2	22.7
3 12	12 47.46	− 8 30.8	1.953	2.895	7.7	22.5
3 22	12 39.26	− 7 27.8	1.910	2.895	3.7	22.3
4 1	12 30.35	− 6 16.2	1.897	2.895	1.2	22.1
4 11	12 21.67	− 5 2.6	1.913	2.894	5.0	22.3
4 21	12 14.09	− 3 53.8	1.957	2.892	8.9	22.6
5 1	12 8.28	− 2 55.5	2.026	2.889	12.3	22.8

296218 2009 CM_{27} 3 29.4 271.°77 1.°8/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.57	− 9 37.7	2.270	3.045	13.4	20.9
3 2	12 53.18	− 9 49.1	2.172	3.040	10.7	20.7
3 12	12 46.83	− 9 48.3	2.096	3.034	7.5	20.5
3 22	12 39.00	− 9 36.4	2.047	3.028	4.0	20.2
4 1	12 30.44	− 9 15.7	2.027	3.023	1.8	20.1
4 11	12 22.01	− 8 50.3	2.035	3.017	4.6	20.2
4 21	12 14.55	− 8 24.5	2.071	3.012	8.1	20.4
5 1	12 8.72	− 8 2.8	2.133	3.006	11.4	20.6

314171 2005 GT_{73} 3 29.4 306.°47 5.°5/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.55	+ 4 53.7	1.438	2.285	16.2	20.3
3 2	12 51.99	+ 6 8.0	1.350	2.264	12.6	20.0
3 12	12 46.66	+ 7 33.6	1.282	2.243	8.6	19.7
3 22	12 39.12	+ 9 1.5	1.239	2.222	5.7	19.5
4 1	12 30.37	+10 20.4	1.222	2.202	6.8	19.5
4 11	12 21.76	+11 19.9	1.228	2.182	10.9	19.6
4 21	12 14.55	+11 53.1	1.258	2.162	15.3	19.8
5 1	12 9.72	+11 57.2	1.306	2.143	19.3	20.0

191241 2002 VN_{103} 3 29.4 102.°50 2.°9/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.71	−12 13.2	1.454	2.243	19.0	20.9
3 2	12 57.24	−12 17.8	1.383	2.257	15.2	20.7
3 12	12 49.88	−12 0.9	1.332	2.270	10.8	20.5
3 22	12 40.39	−11 23.8	1.303	2.283	6.0	20.2
4 1	12 29.98	−10 31.0	1.300	2.296	2.9	20.1
4 11	12 20.06	− 9 30.8	1.324	2.308	6.3	20.3
4 21	12 11.85	− 8 31.7	1.374	2.320	10.9	20.6
5 1	12 6.22	− 7 41.7	1.445	2.332	15.0	20.9

417497 2006 SW_{66} 3 29.4 243.°24 0.°4/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.90	− 5 27.4	1.898	2.699	14.7	22.1
3 2	12 53.86	− 4 55.1	1.798	2.686	11.5	21.8
3 12	12 47.51	− 4 8.1	1.721	2.672	7.6	21.6
3 22	12 39.38	− 3 9.9	1.669	2.658	3.3	21.3
4 1	12 30.30	− 2 6.1	1.646	2.644	1.4	21.1
4 11	12 21.35	− 1 4.0	1.651	2.629	6.0	21.4
4 21	12 13.52	− 0 10.2	1.682	2.613	10.4	21.6
5 1	12 7.62	+ 0 29.9	1.738	2.597	14.2	21.8

432442 2010 CH_{23} 3 29.4 148.°24 1.°9/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.98	−10 58.4	2.161	2.935	14.0	21.4
3 2	12 52.75	−10 54.3	2.072	2.939	11.2	21.2
3 12	12 46.53	−10 35.4	2.005	2.942	7.8	21.0
3 22	12 38.86	−10 3.3	1.965	2.945	4.2	20.8
4 1	12 30.51	− 9 21.4	1.952	2.948	1.9	20.6
4 11	12 22.39	− 8 34.8	1.968	2.951	4.7	20.8
4 21	12 15.32	− 7 49.0	2.012	2.953	8.3	21.0
5 1	12 9.95	− 7 9.1	2.081	2.956	11.6	21.3

373221 2012 FT_{54} 3 29.4 320.°73 2.°5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.92	+ 0 41.2	1.653	2.478	15.5	20.9
3 2	12 54.05	+ 1 11.8	1.572	2.475	11.9	20.7
3 12	12 47.67	+ 1 52.1	1.513	2.471	7.8	20.4
3 22	12 39.43	+ 2 36.5	1.478	2.468	3.6	20.2
4 1	12 30.31	+ 3 18.4	1.471	2.464	3.4	20.1
4 11	12 21.48	+ 3 51.0	1.491	2.461	7.5	20.4
4 21	12 14.00	+ 4 9.1	1.535	2.458	11.8	20.6
5 1	12 8.68	+ 4 10.1	1.602	2.455	15.5	20.8

278626 2008 QK_{40} 3 29.4 137.°99 2.°1/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.90	−11 38.0	2.057	2.832	14.6	20.9
3 2	12 52.80	−11 34.2	1.969	2.836	11.7	20.7
3 12	12 46.62	−11 14.4	1.903	2.839	8.2	20.5
3 22	12 38.92	−10 40.1	1.862	2.842	4.5	20.3
4 1	12 30.50	− 9 54.9	1.849	2.845	2.1	20.2
4 11	12 22.33	− 9 4.1	1.865	2.848	4.9	20.3
4 21	12 15.25	− 8 13.9	1.908	2.851	8.6	20.6
5 1	12 9.96	− 7 29.7	1.976	2.853	12.0	20.8

167552 2004 BU_9 3 29.4 72.°81 4.°8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.26	+ 7 33.3	2.075	2.906	12.5	19.8
3 2	12 50.60	+ 8 48.8	2.010	2.915	9.6	19.7
3 12	12 45.06	+10 7.7	1.970	2.923	6.7	19.5
3 22	12 38.19	+11 22.9	1.956	2.932	4.9	19.4
4 1	12 30.79	+12 27.1	1.971	2.940	5.8	19.5
4 11	12 23.71	+13 14.6	2.013	2.949	8.4	19.6
4 21	12 17.72	+13 42.2	2.079	2.957	11.3	19.8
5 1	12 13.38	+13 49.2	2.168	2.966	13.9	20.0

333927 1999 TK_{315} 3 29.4 282.°01 3.°1/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.31	+ 4 42.8	1.999	2.810	13.7	21.1
3 2	12 50.50	+ 4 54.2	1.889	2.783	10.7	20.9
3 12	12 40.73	+ 5 9.5	1.803	2.757	7.2	20.6
3 22	12 29.85	+ 5 24.1	1.744	2.729	3.9	20.3
4 1	12 18.97	+ 5 33.0	1.713	2.702	3.9	20.3
4 11	12 9.18	+ 5 31.4	1.712	2.674	7.5	20.4
4 21	12 1.37	+ 5 16.2	1.737	2.646	11.5	20.6
5 1	11 56.46	+ 4 46.0	1.786	2.618	15.1	20.8

16010 1999 CG_{14} 3 29.4 268.°90 1.°0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.57	− 4 24.1	2.273	3.078	12.5	18.0
3 2	12 49.30	− 3 31.4	2.178	3.069	9.6	17.8
3 12	12 44.24	− 2 25.9	2.106	3.060	6.3	17.5
3 22	12 37.88	− 1 12.0	2.062	3.052	2.6	17.3
4 1	12 30.88	+ 0 4.7	2.046	3.043	1.8	17.2
4 11	12 24.03	+ 1 17.6	2.060	3.034	5.4	17.4
4 21	12 18.08	+ 2 20.9	2.101	3.025	9.0	17.6
5 1	12 13.62	+ 3 10.2	2.167	3.016	12.2	17.8

405185 2003 AQ_{21} 3 29.4 130.°87 1.°1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.35	− 2 21.1	2.312	3.106	12.6	21.9
3 2	12 54.99	− 1 46.3	2.239	3.124	9.7	21.8
3 12	12 47.79	− 1 2.5	2.190	3.142	6.2	21.6
3 22	12 39.34	− 0 13.9	2.170	3.159	2.6	21.4
4 1	12 30.40	+ 0 34.8	2.180	3.175	1.9	21.3
4 11	12 21.81	+ 1 18.4	2.219	3.191	5.3	21.6
4 21	12 14.31	+ 1 52.7	2.287	3.205	8.7	21.8
5 1	12 8.46	+ 2 15.0	2.380	3.219	11.6	22.0

63566 2001 QT_{18} 3 29.4 143.°49 2.°1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.90	+ 0 20.6	2.568	3.377	11.1	19.8
3 2	12 49.97	+ 1 17.8	2.489	3.384	8.4	19.6
3 12	12 44.49	+ 2 22.3	2.436	3.391	5.4	19.4
3 22	12 37.92	+ 3 29.7	2.410	3.398	2.6	19.2
4 1	12 30.88	+ 4 34.6	2.415	3.404	2.8	19.3
4 11	12 24.08	+ 5 31.7	2.449	3.411	5.6	19.5
4 21	12 18.13	+ 6 17.2	2.511	3.416	8.5	19.7
5 1	12 13.53	+ 6 48.5	2.597	3.422	11.1	19.8

366455 2002 AZ_{126} 3 29.4 167.°86 1.°6/31.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.07	−12 3.1	2.785	3.537	11.7	22.4
3 2	12 53.10	−11 44.6	2.690	3.544	9.4	22.2
3 12	12 46.52	−11 13.2	2.619	3.549	6.6	22.0
3 22	12 38.81	−10 30.3	2.576	3.554	3.6	21.8
4 1	12 30.57	− 9 39.0	2.563	3.558	1.6	21.7
4 11	12 22.54	− 8 43.8	2.580	3.561	3.9	21.9
4 21	12 15.34	− 7 49.2	2.628	3.564	6.9	22.1
5 1	12 9.51	− 6 59.6	2.702	3.565	9.6	22.3

18326 1985 CV_1 3 29.4 27.°94 0.°6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.21	− 3 49.9	2.079	2.887	13.4	18.3
3 2	12 50.60	− 3 27.2	2.001	2.893	10.3	18.1
3 12	12 45.10	− 2 53.9	1.945	2.899	6.7	17.9
3 22	12 38.23	− 2 13.5	1.915	2.905	2.8	17.6
4 1	12 30.77	− 1 30.9	1.914	2.912	1.4	17.5
4 11	12 23.59	− 0 51.4	1.941	2.919	5.3	17.8
4 21	12 17.46	− 0 19.8	1.995	2.926	9.0	18.0
5 1	12 12.97	+ 0 0.5	2.072	2.933	12.2	18.3

406231 2007 BR_{52} 3 29.4 98.°30 4.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.79	+ 5 12.0	2.008	2.827	13.4	21.1
3 2	12 54.70	+ 6 23.3	1.955	2.854	10.1	21.0
3 12	12 47.63	+ 7 38.7	1.928	2.881	6.8	20.8
3 22	12 39.26	+ 8 51.3	1.927	2.908	4.3	20.7
4 1	12 30.46	+ 9 54.0	1.956	2.934	5.0	20.8
4 11	12 22.17	+10 41.1	2.013	2.959	7.8	21.0
4 21	12 15.15	+11 9.6	2.096	2.983	10.8	21.3
5 1	12 9.96	+11 18.8	2.202	3.007	13.5	21.5

264680 2001 YW_{105} 3 29.4 95.°94 5.°1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.59	+ 7 33.0	1.890	2.719	13.6	21.2
3 2	12 53.25	+ 8 48.8	1.832	2.735	10.4	21.1
3 12	12 46.83	+10 7.6	1.798	2.751	7.2	20.9
3 22	12 38.96	+11 21.8	1.791	2.767	5.2	20.8
4 1	12 30.56	+12 23.5	1.812	2.783	6.1	20.9
4 11	12 22.60	+13 6.8	1.860	2.798	8.9	21.1
4 21	12 15.92	+13 28.9	1.933	2.813	11.9	21.3
5 1	12 11.12	+13 29.4	2.027	2.828	14.7	21.5

429077 2009 PP_{16} 3 29.4 168.°82 1.°0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.80	− 8 7.4	2.283	3.059	13.3	22.4
3 2	12 54.79	− 8 0.9	2.193	3.064	10.5	22.2
3 12	12 47.82	− 7 42.2	2.126	3.067	7.1	22.0
3 22	12 39.42	− 7 13.2	2.085	3.070	3.5	21.8
4 1	12 30.37	− 6 37.4	2.075	3.073	1.2	21.6
4 11	12 21.55	− 5 59.6	2.093	3.074	4.6	21.8
4 21	12 13.75	− 5 24.4	2.141	3.076	8.2	22.1
5 1	12 7.62	− 4 56.0	2.213	3.076	11.4	22.3

520168 2014 CW_{26} 3 29.4 89.°87 2.°4/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.91	+ 2 49.8	2.303	3.114	12.1	21.4
3 2	12 53.19	+ 3 12.5	2.228	3.123	9.2	21.2
3 12	12 46.67	+ 3 40.0	2.177	3.132	6.0	21.0
3 22	12 38.88	+ 4 8.0	2.154	3.141	3.0	20.9
4 1	12 30.58	+ 4 32.3	2.160	3.150	3.0	20.9
4 11	12 22.58	+ 4 48.7	2.195	3.158	6.0	21.1
4 21	12 15.61	+ 4 54.4	2.257	3.167	9.1	21.3
5 1	12 10.24	+ 4 47.9	2.343	3.176	11.9	21.5

135973 2002 TQ_{292} 3 29.4 165.°82 0.°4/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.59	− 3 37.1	2.523	3.314	11.8	20.0
3 2	12 52.88	− 3 23.6	2.434	3.317	9.1	19.8
3 12	12 46.45	− 3 1.8	2.370	3.320	6.0	19.6
3 22	12 38.80	− 2 34.2	2.333	3.322	2.5	19.4
4 1	12 30.60	− 2 4.4	2.327	3.324	1.1	19.3
4 11	12 22.61	− 1 36.6	2.350	3.326	4.6	19.6
4 21	12 15.52	− 1 14.2	2.401	3.328	7.9	19.8
5 1	12 9.89	− 1 0.3	2.478	3.329	10.8	20.0

8099 1993 TE 3 29.4 202.°28 0.°2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.82	− 7 53.1	2.451	3.230	12.4	19.6
3 2	12 52.43	− 7 10.7	2.350	3.225	9.7	19.4
3 12	12 46.25	− 6 14.6	2.274	3.219	6.5	19.2
3 22	12 38.75	− 5 7.8	2.225	3.213	2.9	19.0
4 1	12 30.62	− 3 55.1	2.207	3.205	0.9	18.8
4 11	12 22.64	− 2 42.3	2.218	3.197	4.7	19.1
4 21	12 15.54	− 1 35.3	2.259	3.188	8.2	19.3
5 1	12 9.94	− 0 38.9	2.325	3.178	11.3	19.4

190106 2004 TV_{308} 3 29.4 72.°03 3.°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.46	−15 3.6	1.889	2.655	16.0	20.1
3 2	12 52.51	−14 51.4	1.818	2.676	12.9	19.9
3 12	12 46.41	−14 19.0	1.768	2.696	9.3	19.7
3 22	12 38.82	−13 28.3	1.742	2.716	5.5	19.5
4 1	12 30.63	−12 23.6	1.744	2.736	3.0	19.4
4 11	12 22.85	−11 11.8	1.774	2.757	5.1	19.6
4 21	12 16.34	−10 0.4	1.831	2.777	8.6	19.8
5 1	12 11.73	− 8 56.2	1.912	2.797	12.0	20.1

204418 2004 VR_{57} 3 29.4 93.°67 1.°4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.24	− 3 9.6	1.642	2.451	16.3	20.9
3 2	12 57.02	− 2 24.9	1.585	2.478	12.5	20.7
3 12	12 49.36	− 1 27.5	1.551	2.505	8.0	20.5
3 22	12 40.07	− 0 23.2	1.542	2.532	3.4	20.3
4 1	12 30.22	+ 0 40.5	1.561	2.557	2.3	20.3
4 11	12 20.99	+ 1 36.0	1.609	2.583	6.7	20.6
4 21	12 13.35	+ 2 17.8	1.683	2.607	10.8	20.9
5 1	12 7.93	+ 2 42.6	1.779	2.631	14.3	21.2

160442 2005 SE_{253} 3 29.4 226.°40 2.°4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.87	+ 2 57.5	2.893	3.702	10.0	20.8
3 2	12 49.87	+ 3 43.8	2.798	3.693	7.6	20.6
3 12	12 44.42	+ 4 35.4	2.729	3.683	5.0	20.4
3 22	12 37.93	+ 5 28.3	2.688	3.673	2.7	20.3
4 1	12 30.93	+ 6 18.0	2.677	3.662	3.0	20.3
4 11	12 24.06	+ 7 0.3	2.696	3.651	5.5	20.4
4 21	12 17.89	+ 7 31.8	2.742	3.640	8.2	20.6
5 1	12 12.93	+ 7 50.6	2.814	3.628	10.6	20.7

208178 2000 QX_{73} 3 29.4 159.°10 0.°8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.85	− 8 31.6	2.044	2.824	14.5	21.9
3 2	12 55.78	− 8 9.1	1.959	2.833	11.4	21.7
3 12	12 48.56	− 7 31.8	1.897	2.840	7.7	21.5
3 22	12 39.78	− 6 42.5	1.861	2.847	3.6	21.3
4 1	12 30.29	− 5 45.8	1.854	2.853	1.1	21.1
4 11	12 21.11	− 4 47.9	1.877	2.858	5.1	21.4
4 21	12 13.12	− 3 55.1	1.928	2.862	9.0	21.6
5 1	12 7.00	− 3 12.2	2.003	2.865	12.5	21.8

497345 2005 UL_{121} 3 29.4 228.°84 0.°8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.26	− 8 32.9	2.188	2.971	13.6	22.9
3 2	12 53.07	− 8 8.7	2.085	2.960	10.7	22.7
3 12	12 46.84	− 7 29.9	2.005	2.949	7.3	22.5
3 22	12 39.07	− 6 38.9	1.951	2.937	3.5	22.2
4 1	12 30.52	− 5 39.9	1.927	2.925	1.1	22.0
4 11	12 22.08	− 4 38.9	1.931	2.912	5.0	22.3
4 21	12 14.62	− 3 41.9	1.963	2.899	8.8	22.5
5 1	12 8.83	− 2 54.3	2.021	2.885	12.3	22.7

435255 2007 TC_{99} 3 29.4 211.°45 0.°5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.16	− 4 35.0	2.391	3.187	12.2	21.9
3 2	12 51.18	− 4 3.8	2.297	3.183	9.4	21.7
3 12	12 45.43	− 3 21.9	2.228	3.179	6.2	21.5
3 22	12 38.41	− 2 32.6	2.186	3.175	2.6	21.3
4 1	12 30.77	− 1 40.2	2.173	3.170	1.3	21.2
4 11	12 23.31	− 0 50.1	2.189	3.165	4.9	21.4
4 21	12 16.74	− 0 7.0	2.233	3.160	8.4	21.6
5 1	12 11.65	+ 0 25.4	2.302	3.155	11.4	21.8

376762 1999 WW_{23} 3 29.4 121.°61 1.°3/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.62	−10 1.1	2.086	2.870	14.2	21.6
3 2	12 51.76	− 9 40.8	2.001	2.875	11.2	21.4
3 12	12 45.91	− 9 5.0	1.938	2.880	7.7	21.2
3 22	12 38.63	− 8 16.3	1.900	2.884	3.9	21.0
4 1	12 30.70	− 7 18.8	1.891	2.889	1.4	20.8
4 11	12 23.02	− 6 18.8	1.911	2.893	4.8	21.0
4 21	12 16.41	− 5 22.3	1.958	2.898	8.5	21.3
5 1	12 11.51	− 4 34.6	2.029	2.902	11.9	21.5

56377 2000 EU_{35} 3 29.4 21.°59 2.°9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.29	+ 1 21.8	1.267	2.105	18.5	19.0
3 2	12 57.31	+ 1 41.2	1.198	2.107	14.3	18.7
3 12	12 50.16	+ 2 10.6	1.148	2.109	9.4	18.4
3 22	12 40.63	+ 2 43.7	1.122	2.111	4.4	18.2
4 1	12 30.01	+ 3 12.6	1.121	2.114	3.9	18.1
4 11	12 19.88	+ 3 29.7	1.144	2.118	8.8	18.4
4 21	12 11.61	+ 3 30.3	1.191	2.121	13.7	18.7
5 1	12 6.14	+ 3 12.1	1.258	2.125	18.0	19.0

107472 2001 DB_{32} 3 29.4 12.°57 2.°5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.57	− 0 17.1	1.284	2.126	18.1	19.2
3 2	12 53.58	+ 0 12.9	1.216	2.128	13.9	19.0
3 12	12 47.64	+ 0 55.5	1.168	2.130	9.1	18.7
3 22	12 39.51	+ 1 44.2	1.144	2.134	4.1	18.4
4 1	12 30.40	+ 2 30.7	1.143	2.138	3.6	18.4
4 11	12 21.75	+ 3 6.2	1.168	2.143	8.4	18.7
4 21	12 14.81	+ 3 24.9	1.215	2.149	13.3	19.0
5 1	12 10.45	+ 3 23.8	1.283	2.155	17.5	19.2

120699 1997 HM_{14} 3 29.4 213.°03 0.°2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.15	− 5 2.0	2.227	3.022	13.0	20.7
3 2	12 52.85	− 4 42.3	2.134	3.018	10.1	20.5
3 12	12 46.61	− 4 11.6	2.064	3.013	6.7	20.3
3 22	12 38.95	− 3 32.6	2.020	3.009	2.9	20.0
4 1	12 30.59	− 2 49.8	2.006	3.004	1.1	19.9
4 11	12 22.42	− 2 8.2	2.020	2.999	5.1	20.1
4 21	12 15.22	− 1 32.7	2.062	2.993	8.8	20.3
5 1	12 9.66	− 1 7.2	2.129	2.987	12.0	20.5

315511 2008 AY_{47} 3 29.4 182.°00 1.°3/30.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.26	− 9 43.2	2.002	2.782	14.8	22.4
3 2	12 54.70	− 9 25.6	1.911	2.783	11.7	22.1
3 12	12 47.95	− 8 52.0	1.842	2.783	8.1	21.9
3 22	12 39.56	− 8 4.7	1.799	2.783	4.0	21.7
4 1	12 30.39	− 7 8.1	1.785	2.782	1.4	21.5
4 11	12 21.45	− 6 8.4	1.799	2.781	5.1	21.7
4 21	12 13.66	− 5 12.2	1.841	2.779	9.1	22.0
5 1	12 7.76	− 4 25.2	1.908	2.776	12.7	22.2

246383 2007 US_{11} 3 29.4 197.°76 3.°0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.83	+ 2 36.3	2.163	2.972	12.9	21.3
3 2	12 55.71	+ 3 26.4	2.074	2.968	9.9	21.1
3 12	12 48.51	+ 4 23.9	2.009	2.963	6.5	20.9
3 22	12 39.79	+ 5 23.2	1.973	2.958	3.5	20.7
4 1	12 30.33	+ 6 18.3	1.965	2.952	3.8	20.7
4 11	12 21.09	+ 7 3.1	1.987	2.944	7.0	20.9
4 21	12 12.93	+ 7 33.3	2.036	2.936	10.5	21.0
5 1	12 6.53	+ 7 46.7	2.109	2.927	13.6	21.2

406020 2006 TM_{47} 3 29.4 95.°51 2.°0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.20	− 0 15.7	1.737	2.553	15.2	21.5
3 2	12 55.51	+ 0 14.5	1.668	2.566	11.7	21.3
3 12	12 48.46	+ 0 54.2	1.622	2.579	7.6	21.1
3 22	12 39.75	+ 1 38.0	1.602	2.591	3.4	20.8
4 1	12 30.36	+ 2 19.7	1.610	2.604	2.9	20.8
4 11	12 21.42	+ 2 53.1	1.645	2.616	6.8	21.1
4 21	12 13.89	+ 3 13.7	1.706	2.628	10.8	21.3
5 1	12 8.45	+ 3 19.0	1.790	2.640	14.3	21.6

384893 2012 TQ_{18} 3 29.4 84.°00 0.°7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.48	− 9 27.9	2.277	3.061	13.1	21.1
3 2	12 49.87	− 8 46.9	2.199	3.075	10.2	20.9
3 12	12 44.53	− 7 51.2	2.145	3.089	6.9	20.7
3 22	12 38.00	− 6 44.3	2.117	3.103	3.2	20.5
4 1	12 30.97	− 5 31.2	2.118	3.116	0.9	20.3
4 11	12 24.22	− 4 18.2	2.148	3.130	4.5	20.6
4 21	12 18.45	− 3 11.1	2.207	3.143	7.9	20.9
5 1	12 14.19	− 2 14.6	2.290	3.156	11.0	21.1

212003 2005 BL_{11} 3 29.4 122.°03 1.°3/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.34	− 3 13.7	1.797	2.603	15.2	21.1
3 2	12 55.54	− 2 31.8	1.727	2.619	11.7	20.9
3 12	12 48.44	− 1 37.3	1.680	2.634	7.6	20.7
3 22	12 39.73	− 0 35.6	1.659	2.648	3.2	20.4
4 1	12 30.38	+ 0 26.8	1.666	2.662	2.2	20.4
4 11	12 21.46	+ 1 22.5	1.702	2.675	6.4	20.7
4 21	12 13.90	+ 2 6.1	1.764	2.688	10.4	20.9
5 1	12 8.39	+ 2 33.8	1.849	2.700	13.9	21.2

325645 2009 SR_{323} 3 29.4 40.°90 0.°5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.12	− 3 54.4	2.625	3.425	11.1	20.6
3 2	12 48.58	− 3 29.0	2.549	3.437	8.5	20.4
3 12	12 43.58	− 2 55.2	2.497	3.449	5.6	20.2
3 22	12 37.56	− 2 15.8	2.473	3.462	2.3	20.0
4 1	12 31.12	− 1 34.9	2.478	3.475	1.2	19.9
4 11	12 24.92	− 0 56.7	2.512	3.489	4.3	20.2
4 21	12 19.54	− 0 24.7	2.574	3.502	7.3	20.4
5 1	12 15.44	− 0 1.8	2.661	3.516	10.0	20.6

410419 2008 AA_{36} 3 29.4 160.°03 1.°0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.78	− 9 7.0	2.108	2.886	14.2	22.3
3 2	12 54.93	− 8 46.9	2.021	2.893	11.2	22.1
3 12	12 47.99	− 8 12.0	1.958	2.899	7.6	21.9
3 22	12 39.55	− 7 24.9	1.920	2.905	3.7	21.7
4 1	12 30.43	− 6 30.0	1.912	2.910	1.2	21.5
4 11	12 21.59	− 5 33.2	1.934	2.915	4.9	21.8
4 21	12 13.87	− 4 40.4	1.983	2.918	8.7	22.0
5 1	12 7.96	− 3 56.8	2.057	2.921	12.1	22.2

286307 2001 WU_{42} 3 29.4 83.°23 2.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.95	+ 1 44.2	2.284	3.097	12.1	20.8
3 2	12 51.71	+ 2 20.3	2.212	3.109	9.2	20.6
3 12	12 45.71	+ 3 2.4	2.166	3.121	6.0	20.4
3 22	12 38.51	+ 3 46.1	2.146	3.133	2.9	20.2
4 1	12 30.81	+ 4 26.3	2.155	3.145	3.0	20.3
4 11	12 23.42	+ 4 58.4	2.193	3.157	6.0	20.5
4 21	12 17.04	+ 5 18.9	2.258	3.169	9.1	20.7
5 1	12 12.20	+ 5 26.0	2.347	3.181	11.9	20.9

30647 6642 P–L 3 29.4 201.°32 1.°2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.78	− 2 58.6	1.755	2.562	15.5	19.3
3 2	12 56.18	− 2 26.5	1.667	2.559	12.0	19.1
3 12	12 49.09	− 1 41.5	1.602	2.556	7.9	18.8
3 22	12 40.12	− 0 47.9	1.562	2.552	3.4	18.5
4 1	12 30.22	+ 0 7.7	1.550	2.547	2.2	18.4
4 11	12 20.58	+ 0 58.1	1.567	2.541	6.7	18.7
4 21	12 12.26	+ 1 37.2	1.609	2.535	11.1	18.9
5 1	12 6.07	+ 2 0.7	1.675	2.529	14.9	19.2

302292 2001 YV_{31} 3 29.4 128.°28 5.°2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.65	+12 22.0	2.485	3.306	11.0	20.4
3 2	12 52.14	+13 16.4	2.417	3.312	8.6	20.2
3 12	12 45.95	+14 9.8	2.376	3.319	6.4	20.1
3 22	12 38.60	+14 56.3	2.361	3.325	5.2	20.0
4 1	12 30.78	+15 30.8	2.375	3.331	6.0	20.1
4 11	12 23.26	+15 49.4	2.417	3.337	8.0	20.2
4 21	12 16.71	+15 50.6	2.484	3.342	10.4	20.4
5 1	12 11.63	+15 34.5	2.574	3.348	12.6	20.5

349357 2007 VC_{170} 3 29.4 151.°16 4.°4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.68	+ 9 18.0	2.489	3.309	11.1	21.1
3 2	12 52.16	+10 9.8	2.417	3.314	8.6	20.9
3 12	12 45.97	+11 2.7	2.370	3.319	6.0	20.8
3 22	12 38.62	+11 51.3	2.350	3.323	4.4	20.7
4 1	12 30.77	+12 30.3	2.360	3.327	5.1	20.7
4 11	12 23.20	+12 55.6	2.398	3.331	7.4	20.8
4 21	12 16.57	+13 5.1	2.462	3.335	10.0	21.0
5 1	12 11.40	+12 58.0	2.549	3.339	12.3	21.2

234226 2000 SW_{173} 3 29.4 134.°55 4.°1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.44	−23 28.6	2.815	3.512	12.8	20.6
3 2	12 49.64	−22 57.9	2.719	3.521	10.8	20.5
3 12	12 44.30	−22 7.4	2.644	3.530	8.4	20.3
3 22	12 37.89	−20 57.8	2.594	3.538	6.0	20.2
4 1	12 31.02	−19 31.9	2.573	3.547	4.2	20.1
4 11	12 24.39	−17 54.7	2.582	3.554	4.5	20.1
4 21	12 18.60	−16 12.5	2.620	3.562	6.6	20.2
5 1	12 14.15	−14 32.0	2.687	3.569	9.0	20.4

385950 2006 UY_{296} 3 29.4 207.°95 3.°0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.74	−14 48.4	2.544	3.291	12.9	21.2
3 2	12 52.39	−14 59.0	2.443	3.288	10.5	21.0
3 12	12 46.26	−14 55.4	2.365	3.284	7.7	20.8
3 22	12 38.80	−14 37.8	2.312	3.281	4.9	20.6
4 1	12 30.69	−14 8.3	2.288	3.277	3.0	20.5
4 11	12 22.71	−13 30.3	2.293	3.273	4.5	20.6
4 21	12 15.59	−12 48.6	2.327	3.268	7.3	20.7
5 1	12 9.94	−12 8.1	2.386	3.263	10.2	20.9

417672 2007 AJ_{7} 3 29.4 86.°57 2.°2/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.70	−12 4.9	1.796	2.575	16.3	21.2
3 2	12 54.34	−11 54.9	1.726	2.594	12.9	21.0
3 12	12 47.69	−11 26.3	1.676	2.613	9.1	20.8
3 22	12 39.43	−10 41.5	1.651	2.631	4.9	20.6
4 1	12 30.51	− 9 44.9	1.654	2.650	2.2	20.5
4 11	12 22.02	− 8 43.5	1.684	2.668	5.2	20.7
4 21	12 14.89	− 7 44.5	1.741	2.685	9.2	21.0
5 1	12 9.80	− 6 54.0	1.823	2.703	12.7	21.2

68063 2000 YJ_{66} 3 29.4 206.°39 2.°2/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.21	−13 15.7	2.632	3.375	12.6	21.0
3 2	12 55.78	−13 4.7	2.521	3.367	10.2	20.8
3 12	12 48.48	−12 39.2	2.433	3.357	7.3	20.6
3 22	12 39.78	−12 0.1	2.372	3.347	4.2	20.4
4 1	12 30.36	−11 10.0	2.341	3.335	2.2	20.2
4 11	12 21.03	−10 13.4	2.342	3.322	4.3	20.3
4 21	12 12.55	− 9 15.4	2.372	3.308	7.5	20.5
5 1	12 5.59	− 8 21.3	2.430	3.292	10.6	20.7

459890 2014 KG_{92} 3 29.4 192.°79 3.°8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.52	+ 3 16.8	1.957	2.774	13.7	22.1
3 2	12 54.91	+ 4 26.3	1.874	2.773	10.5	21.8
3 12	12 48.08	+ 5 44.2	1.815	2.770	7.0	21.6
3 22	12 39.63	+ 7 3.7	1.783	2.767	4.1	21.4
4 1	12 30.42	+ 8 16.9	1.781	2.763	4.7	21.5
4 11	12 21.47	+ 9 16.5	1.806	2.758	8.0	21.7
4 21	12 13.70	+ 9 57.5	1.858	2.753	11.6	21.9
5 1	12 7.82	+10 17.8	1.932	2.746	14.8	22.1

352034 2006 VN_{73} 3 29.4 221.°03 8.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.42	+29 1.7	3.028	3.814	10.1	21.7
3 2	12 54.92	+30 8.4	2.964	3.804	9.0	21.6
3 12	12 47.74	+31 5.2	2.924	3.793	8.3	21.5
3 22	12 39.38	+31 46.3	2.910	3.782	8.3	21.5
4 1	12 30.53	+32 6.9	2.922	3.771	9.1	21.5
4 11	12 21.93	+32 4.9	2.959	3.759	10.4	21.6
4 21	12 14.27	+31 40.3	3.019	3.746	11.8	21.7
5 1	12 8.08	+30 55.1	3.097	3.733	13.2	21.8

115046 2003 RV_{3} 3 29.4 56.°84 1.°9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.77	− 8 36.6	1.483	2.285	18.1	19.6
3 2	12 56.57	− 8 50.3	1.406	2.290	14.3	19.4
3 12	12 49.53	− 8 47.2	1.350	2.296	9.9	19.1
3 22	12 40.35	− 8 28.8	1.316	2.301	5.0	18.8
4 1	12 30.17	− 7 59.2	1.309	2.307	2.0	18.6
4 11	12 20.37	− 7 24.8	1.329	2.313	6.2	18.9
4 21	12 12.17	− 6 52.6	1.373	2.318	11.0	19.2
5 1	12 6.46	− 6 28.8	1.440	2.324	15.1	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
360756	2004 XF_{123}		3 29.4	106.°67	3.°7/ 1.8	18
	h m	° ′			°	m
2 21	12 58.33	−15 50.4	1.621	2.392	18.1	20.8
3 2	12 54.45	−15 42.9	1.543	2.403	14.7	20.6
3 12	12 47.99	−15 11.5	1.485	2.414	10.7	20.3
3 22	12 39.64	−14 17.2	1.451	2.424	6.5	20.1
4 1	12 30.43	−13 4.5	1.442	2.434	3.7	20.0
4 11	12 21.63	−11 41.7	1.461	2.444	5.9	20.1
4 21	12 14.30	−10 18.2	1.505	2.453	9.9	20.4
5 1	12 9.23	− 9 2.8	1.574	2.463	13.8	20.6
114309	2002 XN_{52}		3 29.4	151.°33	0.°9/30.2	18
2 21	13 0.77	− 8 54.7	1.682	2.474	16.7	20.7
3 2	12 56.19	− 8 27.8	1.602	2.482	13.1	20.5
3 12	12 49.08	− 7 42.7	1.543	2.489	8.9	20.2
3 22	12 40.10	− 6 42.4	1.510	2.496	4.2	20.0
4 1	12 30.28	− 5 33.2	1.504	2.502	1.2	19.8
4 11	12 20.82	− 4 23.1	1.526	2.508	5.9	20.1
4 21	12 12.80	− 3 20.0	1.575	2.513	10.4	20.4
5 1	12 7.01	− 2 30.1	1.647	2.517	14.3	20.6
466561	2014 TJ_{15}		3 29.4	147.°67	3.°2/ 2.2	18
2 21	12 57.59	−17 31.4	2.092	2.837	15.3	22.2
3 2	12 53.31	−17 2.4	2.004	2.847	12.5	22.0
3 12	12 46.96	−16 11.7	1.937	2.856	9.2	21.8
3 22	12 39.12	−15 0.6	1.896	2.865	5.7	21.6
4 1	12 30.62	−13 33.5	1.882	2.873	3.3	21.5
4 11	12 22.43	−11 57.6	1.898	2.880	4.9	21.6
4 21	12 15.39	−10 20.9	1.943	2.887	8.4	21.8
5 1	12 10.16	− 8 51.4	2.013	2.893	11.7	22.0
177071	2003 FS_{29}		3 29.4	33.°73	2.°5/27.3	17
2 21	12 59.50	+ 3 23.3	1.979	2.797	13.6	19.7
3 2	12 54.71	+ 3 31.7	1.908	2.806	10.4	19.5
3 12	12 47.83	+ 3 44.3	1.859	2.815	6.8	19.3
3 22	12 39.47	+ 3 57.0	1.838	2.825	3.4	19.1
4 1	12 30.52	+ 4 5.2	1.844	2.835	3.2	19.1
4 11	12 21.95	+ 4 5.2	1.879	2.846	6.5	19.3
4 21	12 14.59	+ 3 54.3	1.940	2.857	10.0	19.6
5 1	12 9.10	+ 3 31.5	2.025	2.868	13.1	19.8
287110	2002 RC_{160}		3 29.4	168.°99	0.°3/29.7	16
2 21	12 59.61	− 6 49.5	2.146	2.931	13.8	22.1
3 2	12 54.77	− 6 27.0	2.058	2.936	10.7	21.9
3 12	12 47.89	− 5 51.7	1.994	2.940	7.2	21.7
3 22	12 39.53	− 5 6.3	1.956	2.943	3.2	21.4
4 1	12 30.49	− 4 15.4	1.947	2.946	1.0	21.2
4 11	12 21.70	− 3 24.8	1.968	2.947	5.0	21.5
4 21	12 14.00	− 2 39.8	2.017	2.949	8.8	21.8
5 1	12 8.06	− 2 4.8	2.090	2.949	12.2	22.0
102238	1999 TH_{22}		3 29.4	76.°56	1.°4/28.4	18
2 21	13 0.59	− 2 31.9	1.534	2.352	16.8	20.2
3 2	12 56.04	− 2 3.3	1.473	2.370	12.9	20.0
3 12	12 48.92	− 1 22.3	1.433	2.389	8.4	19.8
3 22	12 39.98	− 0 34.1	1.417	2.407	3.5	19.5
4 1	12 30.36	+ 0 14.3	1.429	2.425	2.3	19.5
4 11	12 21.30	+ 0 55.5	1.468	2.443	6.9	19.8
4 21	12 13.83	+ 1 24.2	1.531	2.461	11.3	20.1
5 1	12 8.69	+ 1 37.0	1.618	2.479	15.0	20.3
347668	2001 UR_8		3 29.4	99.°87	3.°2/25.9	18
2 21	12 57.47	+ 5 35.1	2.417	3.231	11.5	20.8
3 2	12 52.74	+ 6 12.5	2.349	3.246	8.8	20.6
3 12	12 46.34	+ 6 52.7	2.307	3.260	5.9	20.4
3 22	12 38.78	+ 7 31.2	2.292	3.274	3.5	20.3
4 1	12 30.78	+ 8 3.2	2.307	3.288	3.9	20.4
4 11	12 23.11	+ 8 24.7	2.350	3.302	6.4	20.5
4 21	12 16.43	+ 8 33.2	2.421	3.316	9.2	20.7
5 1	12 11.27	+ 8 27.8	2.515	3.329	11.8	20.9
367797	2011 AR_{22}		3 29.5	148.°42	6.°5/21.7	18
2 21	12 58.70	+13 58.6	2.214	3.037	12.1	21.3
3 2	12 53.93	+15 23.9	2.153	3.046	9.6	21.1
3 12	12 47.23	+16 47.4	2.118	3.055	7.4	21.0
3 22	12 39.20	+18 1.5	2.110	3.064	6.5	20.9
4 1	12 30.64	+18 59.3	2.130	3.072	7.5	21.0
4 11	12 22.42	+19 35.8	2.177	3.079	9.7	21.2
4 21	12 15.34	+19 49.4	2.249	3.086	12.1	21.3
5 1	12 9.96	+19 40.8	2.341	3.092	14.4	21.5
99957	1978 VM_4		3 29.5	123.°23	2.°0/27.6	18 R
2 21	12 59.28	− 0 45.7	1.928	2.738	14.2	19.9
3 2	12 54.60	− 0 3.8	1.856	2.751	10.8	19.7
3 12	12 47.79	+ 0 47.8	1.808	2.763	7.0	19.5
3 22	12 39.48	+ 1 43.8	1.786	2.775	3.1	19.3
4 1	12 30.54	+ 2 37.9	1.793	2.787	2.8	19.3
4 11	12 22.00	+ 3 23.9	1.829	2.798	6.5	19.5
4 21	12 14.70	+ 3 57.1	1.891	2.808	10.2	19.8
5 1	12 9.29	+ 4 14.8	1.976	2.819	13.5	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
512266	2016 EY_{181}		3 29.5	268.°54	1.°6/31.1	17
	h m	° ′			°	m
2 21	12 54.87	−11 41.4	1.947	2.729	15.1	21.5
3 2	12 51.58	−11 9.9	1.839	2.712	12.1	21.2
3 12	12 46.09	−10 18.4	1.754	2.694	8.5	21.0
3 22	12 38.87	− 9 9.0	1.693	2.676	4.4	20.7
4 1	12 30.72	− 7 46.5	1.660	2.658	1.6	20.4
4 11	12 22.65	− 6 18.3	1.656	2.639	5.3	20.6
4 21	12 15.62	− 4 52.7	1.678	2.620	9.6	20.8
5 1	12 10.42	− 3 37.5	1.725	2.601	13.5	21.0
160100	2000 RD		3 29.5	177.°56	9.°9/ 8.0	18
2 21	13 8.16	−32 59.5	2.311	2.929	17.1	20.6
3 2	13 1.98	−34 19.0	2.212	2.932	15.4	20.4
3 12	12 53.06	−35 16.6	2.131	2.934	13.4	20.3
3 22	12 41.97	−35 47.1	2.071	2.935	11.6	20.1
4 1	12 29.64	−35 47.1	2.036	2.936	10.2	20.0
4 11	12 17.35	−35 17.4	2.027	2.935	10.0	20.0
4 21	12 6.31	−34 23.0	2.043	2.934	10.9	20.1
5 1	11 57.49	−33 12.2	2.084	2.931	12.7	20.2
258271	2001 TM_{257}		3 29.5	149.°55	2.°6/26.9	18
2 21	12 57.38	+ 0 33.4	1.942	2.759	13.8	21.4
3 2	12 53.21	+ 1 24.7	1.865	2.763	10.6	21.2
3 12	12 46.93	+ 2 25.4	1.811	2.768	6.9	21.0
3 22	12 39.13	+ 3 29.6	1.784	2.772	3.3	20.8
4 1	12 30.67	+ 4 30.7	1.785	2.775	3.4	20.8
4 11	12 22.51	+ 5 22.0	1.814	2.779	6.9	21.0
4 21	12 15.53	+ 5 58.6	1.870	2.782	10.6	21.3
5 1	12 10.38	+ 6 17.9	1.948	2.785	13.8	21.5
225571	2000 UV_1		3 29.5	134.°74	3.°2/26.6	17
2 21	13 2.31	+ 5 1.9	2.079	2.891	13.2	20.7
3 2	12 56.80	+ 5 24.2	2.004	2.899	10.2	20.5
3 12	12 49.18	+ 5 50.0	1.953	2.906	6.7	20.3
3 22	12 40.08	+ 6 14.4	1.929	2.913	3.7	20.1
4 1	12 30.36	+ 6 32.4	1.934	2.920	3.9	20.1
4 11	12 21.00	+ 6 39.8	1.967	2.926	7.0	20.3
4 21	12 12.86	+ 6 34.3	2.028	2.932	10.3	20.5
5 1	12 6.59	+ 6 14.8	2.113	2.938	13.3	20.7
227245	2005 SG_{42}		3 29.5	72.°65	0.°9/30.1	18
2 21	13 2.10	− 6 6.3	1.732	2.529	16.1	20.4
3 2	12 57.06	− 6 18.3	1.659	2.542	12.6	20.2
3 12	12 49.56	− 6 17.8	1.609	2.556	8.5	20.0
3 22	12 40.30	− 6 7.0	1.583	2.570	4.0	19.7
4 1	12 30.29	− 5 49.5	1.586	2.584	1.2	19.5
4 11	12 20.70	− 5 30.5	1.616	2.598	5.6	19.9
4 21	12 12.56	− 5 14.9	1.673	2.612	9.8	20.1
5 1	12 6.61	− 5 7.0	1.753	2.626	13.5	20.4
523592	2001 SK_{276}		3 29.5	77.°88	6.°7/ 9.4	18 C
2 21	13 3.14	−33 14.4	3.094	3.693	13.4	23.6
3 2	12 56.87	−33 43.4	3.031	3.740	11.8	23.5
3 12	12 48.93	−33 52.3	2.986	3.786	10.1	23.4
3 22	12 39.88	−33 39.8	2.965	3.831	8.4	23.4
4 1	12 30.46	−33 6.4	2.969	3.876	7.1	23.3
4 11	12 21.44	−32 14.9	3.002	3.919	6.8	23.4
4 21	12 13.50	−31 10.4	3.063	3.961	7.4	23.5
5 1	12 7.12	−29 58.5	3.150	4.003	8.7	23.6
362051	2009 BJ_{39}		3 29.5	26.°07	0.°2/29.6	16
2 21	12 58.48	− 5 45.5	1.349	2.171	18.5	21.1
3 2	12 55.02	− 5 37.6	1.276	2.174	14.5	20.8
3 12	12 48.62	− 5 12.9	1.223	2.178	9.7	20.6
3 22	12 40.02	− 4 34.9	1.192	2.182	4.3	20.3
4 1	12 30.38	− 3 49.9	1.188	2.186	1.4	20.1
4 11	12 21.16	− 3 6.2	1.208	2.191	6.9	20.4
4 21	12 13.62	− 2 31.1	1.253	2.196	12.0	20.7
5 1	12 8.65	− 2 10.3	1.318	2.202	16.4	21.0
287909	2003 TR_{12}		3 29.5	238.°67	0.°8/30.3	16
2 21	12 56.79	− 9 34.4	1.780	2.574	15.9	21.1
3 2	12 53.20	− 8 59.4	1.683	2.564	12.6	20.8
3 12	12 47.21	− 8 4.9	1.608	2.554	8.6	20.6
3 22	12 39.37	− 6 53.7	1.558	2.544	4.1	20.3
4 1	12 30.59	− 5 31.8	1.535	2.533	1.2	20.0
4 11	12 21.96	− 4 7.4	1.540	2.522	5.8	20.3
4 21	12 14.52	− 2 49.2	1.571	2.510	10.3	20.5
5 1	12 9.11	− 1 44.3	1.627	2.499	14.4	20.8
224838	2006 WN_{204}		3 29.5	270.°93	0.°2/29.4	17
2 21	12 57.70	− 5 37.8	1.778	2.583	15.4	20.8
3 2	12 53.96	− 5 16.3	1.677	2.566	12.1	20.5
3 12	12 47.78	− 4 39.9	1.598	2.549	8.1	20.2
3 22	12 39.65	− 3 51.6	1.543	2.532	3.6	19.9
4 1	12 30.48	− 2 56.7	1.517	2.515	1.3	19.7
4 11	12 21.39	− 2 2.5	1.517	2.497	6.2	20.0
4 21	12 13.46	− 1 15.7	1.544	2.479	10.8	20.2
5 1	12 7.58	− 0 42.1	1.594	2.461	14.9	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
94697	2001 XV_{40}		3 29.5	203.°14	1.°7/30.8	18
	h m	° ′			°	m
2 21	13 2.71	− 9 19.7	1.845	2.625	15.9	20.3
3 2	12 57.69	− 9 23.9	1.750	2.621	12.7	20.1
3 12	12 50.14	− 9 12.8	1.677	2.617	8.8	19.8
3 22	12 40.65	− 8 47.8	1.629	2.612	4.5	19.5
4 1	12 30.16	− 8 12.2	1.609	2.606	1.8	19.3
4 11	12 19.85	− 7 31.7	1.617	2.599	5.6	19.6
4 21	12 10.81	− 6 52.4	1.653	2.592	9.9	19.8
5 1	12 3.90	− 6 20.3	1.713	2.585	13.8	20.0
434441	2005 NS_{47}		3 29.5	274.°37	4.°9/ 3.6	16
2 21	12 56.98	−19 59.5	2.485	3.205	13.8	21.3
3 2	12 52.88	−20 26.6	2.365	3.184	11.7	21.1
3 12	12 46.81	−20 37.3	2.266	3.162	9.2	20.9
3 22	12 39.17	−20 30.2	2.192	3.141	6.7	20.7
4 1	12 30.65	−20 5.7	2.146	3.119	5.0	20.5
4 11	12 22.11	−19 26.6	2.127	3.097	5.6	20.5
4 21	12 14.37	−18 37.6	2.136	3.075	8.0	20.7
5 1	12 8.17	−17 44.6	2.171	3.052	10.9	20.8
327820	2006 VF_{155}		3 29.5	94.°27	3.°1/26.4	18
2 21	12 58.57	+ 1 14.2	1.782	2.603	14.7	21.4
3 2	12 54.14	+ 2 19.1	1.722	2.623	11.2	21.2
3 12	12 47.50	+ 3 32.9	1.686	2.643	7.2	21.0
3 22	12 39.36	+ 4 48.6	1.676	2.663	3.7	20.8
4 1	12 30.66	+ 5 58.1	1.694	2.682	4.0	20.9
4 11	12 22.44	+ 6 54.4	1.741	2.701	7.5	21.1
4 21	12 15.59	+ 7 33.1	1.812	2.720	11.2	21.4
5 1	12 10.71	+ 7 52.0	1.907	2.738	14.3	21.6
236215	2005 WQ_{166}		3 29.5	90.°17	0.°4/29.2	18
2 21	12 59.08	− 5 41.1	1.395	2.213	18.2	21.7
3 2	12 55.37	− 5 13.2	1.322	2.219	14.1	21.4
3 12	12 48.79	− 4 27.5	1.269	2.224	9.4	21.2
3 22	12 40.08	− 3 28.6	1.240	2.229	4.0	20.9
4 1	12 30.39	− 2 23.9	1.237	2.235	1.6	20.7
4 11	12 21.13	− 1 22.9	1.259	2.240	7.0	21.1
4 21	12 13.52	− 0 33.5	1.307	2.245	12.0	21.4
5 1	12 8.42	− 0 1.3	1.375	2.250	16.3	21.6
127987	2003 HE_{45}		3 29.5	293.°91	2.°3/26.9	17
2 21	12 54.90	+ 1 45.8	2.317	3.132	11.9	20.0
3 2	12 51.11	+ 2 18.2	2.221	3.119	9.2	19.8
3 12	12 45.50	+ 2 57.2	2.150	3.106	6.0	19.6
3 22	12 38.54	+ 3 38.8	2.105	3.093	3.0	19.4
4 1	12 30.91	+ 4 17.8	2.089	3.080	3.0	19.3
4 11	12 23.41	+ 4 49.5	2.102	3.067	6.1	19.5
4 21	12 16.80	+ 5 9.9	2.141	3.054	9.4	19.7
5 1	12 11.70	+ 5 16.7	2.204	3.041	12.5	19.9
141378	2002 AW_{65}		3 29.5	155.°04	4.°4/22.9	18
2 21	12 54.09	+10 26.7	2.823	3.643	9.9	20.9
3 2	12 50.03	+11 35.9	2.752	3.648	7.7	20.8
3 12	12 44.53	+12 45.8	2.708	3.654	5.6	20.6
3 22	12 38.03	+13 51.2	2.693	3.659	4.4	20.6
4 1	12 31.11	+14 46.7	2.707	3.664	5.2	20.6
4 11	12 24.40	+15 28.3	2.749	3.669	7.2	20.7
4 21	12 18.48	+15 53.8	2.818	3.673	9.4	20.9
5 1	12 13.82	+16 2.4	2.909	3.677	11.5	21.1
243976	2001 RD_{26}		3 29.5	265.°66	1.°4/30.8	18
2 21	12 57.97	− 8 29.5	2.264	3.044	13.3	20.5
3 2	12 53.57	− 8 37.0	2.163	3.035	10.6	20.3
3 12	12 47.19	− 8 32.8	2.084	3.025	7.3	20.0
3 22	12 39.31	− 8 18.2	2.032	3.016	3.7	19.8
4 1	12 30.64	− 7 55.8	2.009	3.006	1.5	19.6
4 11	12 22.10	− 7 29.8	2.014	2.996	4.7	19.8
4 21	12 14.49	− 7 4.5	2.047	2.986	8.3	20.0
5 1	12 8.52	− 6 44.3	2.106	2.977	11.6	20.2
389780	2011 TP_{13}		3 29.5	203.°50	2.°3/26.2	17
2 21	12 54.50	+ 2 55.2	2.938	3.746	9.9	22.3
3 2	12 50.34	+ 3 40.0	2.847	3.741	7.5	22.1
3 12	12 44.75	+ 4 29.7	2.782	3.736	4.9	21.9
3 22	12 38.14	+ 5 20.4	2.745	3.731	2.7	21.7
4 1	12 31.06	+ 6 8.0	2.739	3.725	2.9	21.7
4 11	12 24.13	+ 6 48.2	2.763	3.719	5.4	21.9
4 21	12 17.92	+ 7 18.0	2.814	3.712	8.0	22.1
5 1	12 12.89	+ 7 35.4	2.890	3.705	10.4	22.2
44186	1998 KX_{55}		3 29.5	307.°90	1.°8/31.1	18
2 21	12 52.44	−12 18.1	1.467	2.272	18.1	18.6
3 2	12 50.38	−11 44.0	1.371	2.256	14.6	18.3
3 12	12 45.66	−10 43.3	1.295	2.241	10.3	18.0
3 22	12 38.80	− 9 18.4	1.242	2.226	5.3	17.6
4 1	12 30.80	− 7 35.5	1.214	2.211	1.9	17.4
4 11	12 22.93	− 5 45.7	1.212	2.197	6.4	17.6
4 21	12 16.41	− 4 0.7	1.234	2.183	11.6	17.9
5 1	12 12.20	− 2 31.3	1.279	2.170	16.2	18.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
308115	2004 XQ_{51}		3 29.5	128.°96	3.°5/ 1.6	18
	h m	° ′			°	m
2 21	12 58.57	−15 19.8	1.670	2.441	17.6	20.8
3 2	12 54.63	−15 12.1	1.588	2.448	14.3	20.6
3 12	12 48.14	−14 41.5	1.527	2.456	10.4	20.3
3 22	12 39.76	−13 48.9	1.489	2.463	6.3	20.1
4 1	12 30.51	−12 38.7	1.477	2.470	3.5	19.9
4 11	12 21.61	−11 18.7	1.493	2.476	5.8	20.1
4 21	12 14.12	− 9 58.0	1.535	2.482	9.9	20.3
5 1	12 8.86	− 8 45.1	1.601	2.488	13.7	20.6
98419	2000 UV_{22}		3 29.5	79.°22	5.°0/25.6	18
2 21	13 1.00	+ 5 29.9	1.469	2.304	16.6	19.2
3 2	12 56.46	+ 6 29.0	1.413	2.320	12.7	19.0
3 12	12 49.25	+ 7 33.5	1.379	2.336	8.5	18.8
3 22	12 40.17	+ 8 34.9	1.370	2.353	5.3	18.7
4 1	12 30.41	+ 9 24.4	1.388	2.369	6.0	18.8
4 11	12 21.27	+ 9 55.0	1.431	2.385	9.5	19.0
4 21	12 13.81	+10 3.4	1.498	2.401	13.4	19.3
5 1	12 8.75	+ 9 49.7	1.586	2.417	16.7	19.5
2264	Sabrina		3 29.5	245.°49	0.°1/29.5	18
2 21	12 54.50	− 6 1.0	2.679	3.465	11.3	16.3
3 2	12 50.57	− 5 36.6	2.573	3.453	8.8	16.1
3 12	12 45.04	− 5 1.9	2.492	3.440	5.9	15.9
3 22	12 38.32	− 4 19.2	2.439	3.427	2.6	15.7
4 1	12 31.00	− 3 32.2	2.415	3.413	0.9	15.5
4 11	12 23.78	− 2 45.4	2.421	3.400	4.3	15.8
4 21	12 17.31	− 2 3.1	2.455	3.386	7.6	15.9
5 1	12 12.14	− 1 29.0	2.515	3.372	10.5	16.1
337480	2001 SN_{59}		3 29.5	146.°22	0.°9/30.8	18
2 21	12 53.89	−10 38.6	2.999	3.762	10.7	21.8
3 2	12 49.81	−10 1.1	2.910	3.772	8.4	21.7
3 12	12 44.35	− 9 11.5	2.846	3.783	5.8	21.5
3 22	12 37.95	− 8 12.3	2.809	3.792	2.9	21.3
4 1	12 31.15	− 7 7.1	2.804	3.801	1.0	21.2
4 11	12 24.54	− 6 0.5	2.829	3.810	3.6	21.4
4 21	12 18.67	− 4 56.9	2.884	3.818	6.4	21.6
5 1	12 13.99	− 4 0.2	2.965	3.826	8.9	21.8
48083	2001 FO_{36}		3 29.5	1.°15	0.°7/30.0	18
2 21	12 53.97	− 7 50.1	1.296	2.121	18.9	19.3
3 2	12 51.69	− 7 32.9	1.220	2.120	14.9	19.0
3 12	12 46.53	− 6 54.9	1.164	2.119	10.1	18.7
3 22	12 39.15	− 5 59.5	1.130	2.119	4.7	18.4
4 1	12 30.72	− 4 53.9	1.121	2.120	1.3	18.2
4 11	12 22.64	− 3 47.9	1.136	2.121	6.9	18.5
4 21	12 16.16	− 2 50.9	1.175	2.124	12.1	18.8
5 1	12 12.22	− 2 10.0	1.235	2.127	16.6	19.1
468476	2004 RW_{218}		3 29.5	238.°16	5.°0/ 3.4	18
2 21	13 0.58	−19 52.1	2.457	3.172	14.1	21.8
3 2	12 55.68	−20 22.7	2.341	3.156	11.9	21.6
3 12	12 48.67	−20 36.8	2.245	3.140	9.3	21.4
3 22	12 40.01	−20 33.1	2.175	3.123	6.8	21.2
4 1	12 30.41	−20 11.6	2.132	3.105	5.1	21.0
4 11	12 20.80	−19 35.1	2.118	3.087	5.8	21.0
4 21	12 12.06	−18 48.4	2.132	3.068	8.2	21.2
5 1	12 4.96	−17 57.6	2.173	3.048	11.1	21.3
325278	2008 GQ_{132}		3 29.5	162.°15	4.°3/25.4	18
2 21	13 0.57	+ 6 59.2	2.006	2.826	13.3	20.8
3 2	12 55.60	+ 7 43.4	1.931	2.829	10.3	20.6
3 12	12 48.49	+ 8 30.8	1.880	2.832	7.0	20.5
3 22	12 39.83	+ 9 15.2	1.856	2.835	4.5	20.3
4 1	12 30.52	+ 9 50.3	1.860	2.838	5.1	20.3
4 11	12 21.55	+10 11.0	1.892	2.840	8.0	20.5
4 21	12 13.79	+10 14.6	1.950	2.842	11.3	20.7
5 1	12 7.91	+10 0.5	2.030	2.843	14.2	20.9
244185	2001 XG_{206}		3 29.5	145.°94	4.°2/ 4.3	18
2 21	12 54.38	−21 44.3	2.788	3.495	12.7	20.8
3 2	12 50.44	−21 38.4	2.692	3.502	10.7	20.6
3 12	12 44.90	−21 14.8	2.618	3.509	8.3	20.5
3 22	12 38.24	−20 33.8	2.569	3.515	6.0	20.3
4 1	12 31.07	−19 37.3	2.548	3.521	4.3	20.2
4 11	12 24.09	−18 29.4	2.556	3.527	4.7	20.3
4 21	12 17.94	−17 15.5	2.592	3.533	6.7	20.4
5 1	12 13.14	−16 1.2	2.656	3.538	9.1	20.6
456026	2005 YN_{102}		3 29.5	175.°06	2.°6/31.7	18
2 21	13 0.88	−12 51.6	1.796	2.567	16.6	22.2
3 2	12 56.29	−12 43.1	1.707	2.570	13.3	22.0
3 12	12 49.20	−12 14.9	1.639	2.572	9.5	21.8
3 22	12 40.24	−11 28.4	1.595	2.574	5.3	21.5
4 1	12 30.37	−10 27.5	1.580	2.575	2.6	21.3
4 11	12 20.77	− 9 19.2	1.592	2.575	5.5	21.5
4 21	12 12.50	− 8 11.6	1.631	2.574	9.7	21.8
5 1	12 6.37	− 7 11.8	1.695	2.573	13.6	22.0

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2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.71	+ 6 40.3	1.299	2.148	17.4	20.5
3 2	12 54.45	+ 7 51.5	1.236	2.151	13.5	20.3
3 12	12 48.24	+ 9 9.2	1.195	2.154	9.3	20.1
3 22	12 39.85	+10 23.1	1.176	2.157	6.4	19.9
4 1	12 30.53	+11 22.2	1.183	2.161	7.4	20.0
4 11	12 21.71	+11 57.7	1.214	2.165	11.2	20.2
4 21	12 14.64	+12 5.7	1.266	2.169	15.3	20.4
5 1	12 10.15	+11 46.3	1.338	2.174	19.0	20.7

423668 2005 YG_{144} 3 29.5 95.°92 4.°1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.67	−16 35.1	1.986	2.737	15.8	21.5
3 2	12 54.32	−16 52.7	1.903	2.748	13.0	21.4
3 12	12 47.75	−16 51.5	1.841	2.758	9.7	21.2
3 22	12 39.56	−16 31.4	1.804	2.769	6.4	21.0
4 1	12 30.63	−15 54.7	1.793	2.779	4.2	20.9
4 11	12 21.99	−15 6.2	1.811	2.789	5.5	21.0
4 21	12 14.56	−14 12.6	1.855	2.799	8.6	21.2
5 1	12 9.05	−13 20.5	1.924	2.809	11.9	21.4

519249 2010 XV_{92} 3 29.5 41.°95 3.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.05	+ 1 59.7	1.586	2.416	15.8	21.5
3 2	12 54.15	+ 2 36.0	1.518	2.424	12.1	21.3
3 12	12 47.75	+ 3 20.6	1.473	2.432	7.9	21.0
3 22	12 39.57	+ 4 7.3	1.452	2.440	3.9	20.8
4 1	12 30.64	+ 4 48.8	1.458	2.449	4.0	20.8
4 11	12 22.15	+ 5 18.4	1.491	2.458	7.9	21.1
4 21	12 15.12	+ 5 31.8	1.548	2.468	11.9	21.3
5 1	12 10.28	+ 5 27.3	1.627	2.477	15.5	21.6

410232 2007 TR_{15} 3 29.5 224.°70 1.°1/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.57	− 3 3.7	1.923	2.725	14.5	22.0
3 2	12 55.94	− 2 31.7	1.826	2.715	11.3	21.8
3 12	12 48.94	− 1 47.3	1.751	2.704	7.4	21.5
3 22	12 40.15	− 0 54.5	1.702	2.692	3.2	21.2
4 1	12 30.41	+ 0 0.8	1.683	2.679	2.0	21.1
4 11	12 20.82	+ 0 51.9	1.691	2.666	6.3	21.4
4 21	12 12.38	+ 1 32.9	1.727	2.651	10.6	21.6
5 1	12 5.89	+ 1 59.4	1.786	2.637	14.3	21.8

386191 2007 VY_{142} 3 29.5 121.°67 1.°1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.75	−10 3.9	2.521	3.294	12.3	21.7
3 2	12 50.74	− 9 37.3	2.437	3.305	9.7	21.6
3 12	12 45.10	− 8 57.6	2.377	3.316	6.6	21.4
3 22	12 38.33	− 8 7.2	2.343	3.327	3.3	21.2
4 1	12 31.06	− 7 10.0	2.339	3.337	1.1	21.0
4 11	12 24.04	− 6 11.0	2.365	3.347	4.1	21.3
4 21	12 17.90	− 5 15.3	2.419	3.357	7.3	21.5
5 1	12 13.18	− 4 27.2	2.500	3.366	10.2	21.7

26385 1999 RN_{20} 3 29.5 169.°83 3.°5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.52	− 1 15.6	1.900	2.710	14.4	19.5
3 2	12 54.95	+ 0 50.7	1.820	2.716	10.9	19.3
3 12	12 48.16	+ 3 12.8	1.765	2.721	7.1	19.0
3 22	12 39.74	+ 5 41.6	1.739	2.725	3.9	18.8
4 1	12 30.58	+ 8 5.5	1.745	2.728	4.7	18.9
4 11	12 21.74	+10 13.5	1.780	2.730	8.4	19.1
4 21	12 14.12	+11 57.6	1.844	2.730	12.1	19.3
5 1	12 8.44	+13 14.1	1.930	2.730	15.3	19.6

140467 2001 TN_{131} 3 29.5 204.°00 4.°3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.28	+ 8 19.8	2.512	3.332	10.9	20.2
3 2	12 51.19	+ 9 20.9	2.431	3.329	8.4	20.0
3 12	12 45.44	+10 24.5	2.376	3.326	5.9	19.9
3 22	12 38.49	+11 25.0	2.348	3.322	4.3	19.7
4 1	12 31.01	+12 16.9	2.350	3.319	5.1	19.8
4 11	12 23.73	+12 55.2	2.380	3.314	7.4	19.9
4 21	12 17.32	+13 17.3	2.436	3.310	10.0	20.1
5 1	12 12.32	+13 22.0	2.515	3.305	12.5	20.2

235115 2003 PW_4 3 29.5 221.°20 2.°1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.09	−12 51.4	2.879	3.625	11.5	21.8
3 2	12 53.28	−12 46.2	2.765	3.613	9.3	21.6
3 12	12 46.82	−12 28.5	2.674	3.599	6.7	21.4
3 22	12 39.12	−11 58.9	2.610	3.585	3.9	21.2
4 1	12 30.78	−11 19.7	2.577	3.570	2.1	21.1
4 11	12 22.50	−10 34.6	2.574	3.554	3.9	21.2
4 21	12 14.94	− 9 47.9	2.600	3.538	6.9	21.3
5 1	12 8.69	− 9 3.9	2.654	3.520	9.7	21.5

296417 2009 HT_3 3 29.5 301.°80 3.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.22	+ 0 15.5	2.132	2.955	12.5	20.5
3 2	12 48.52	+ 1 37.4	2.032	2.935	9.6	20.3
3 12	12 43.93	+ 3 11.6	1.956	2.915	6.3	20.1
3 22	12 37.93	+ 4 52.2	1.908	2.895	3.3	19.8
4 1	12 31.18	+ 6 31.2	1.889	2.876	3.9	19.8
4 11	12 24.53	+ 8 0.4	1.899	2.856	7.3	20.0
4 21	12 18.77	+ 9 13.5	1.934	2.837	10.8	20.2
5 1	12 14.56	+10 6.2	1.993	2.818	14.0	20.3

518396 2017 UW_{15} 3 29.5 200.°57 0.°8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.84	− 4 25.9	2.275	3.074	12.6	21.7
3 2	12 51.06	− 3 41.5	2.184	3.072	9.7	21.5
3 12	12 45.46	− 2 45.2	2.118	3.070	6.4	21.3
3 22	12 38.54	− 1 41.0	2.078	3.067	2.7	21.0
4 1	12 30.99	− 0 34.1	2.068	3.065	1.6	20.9
4 11	12 23.65	+ 0 29.1	2.087	3.061	5.3	21.2
4 21	12 17.24	+ 1 23.5	2.133	3.058	8.8	21.4
5 1	12 12.36	+ 2 5.0	2.204	3.054	12.0	21.6

131610 2001 XN_{22} 3 29.5 101.°20 2.°0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 4.23	− 0 44.0	1.654	2.464	16.1	20.6
3 2	12 58.61	− 0 8.6	1.595	2.489	12.3	20.4
3 12	12 50.50	+ 0 36.9	1.558	2.513	8.0	20.2
3 22	12 40.70	+ 1 26.7	1.548	2.537	3.5	20.0
4 1	12 30.30	+ 2 14.0	1.566	2.560	2.9	20.0
4 11	12 20.52	+ 2 52.1	1.611	2.582	7.0	20.3
4 21	12 12.34	+ 3 16.4	1.683	2.603	11.1	20.6
5 1	12 6.44	+ 3 24.8	1.778	2.624	14.5	20.9

237754 2001 YE_{19} 3 29.5 268.°55 6.°4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.57	−25 43.4	2.492	3.178	14.5	20.0
3 2	12 51.78	−26 14.9	2.386	3.171	12.6	19.8
3 12	12 46.06	−26 27.0	2.300	3.164	10.4	19.7
3 22	12 38.85	−26 17.7	2.236	3.157	8.2	19.5
4 1	12 30.87	−25 47.1	2.199	3.150	6.7	19.4
4 11	12 22.98	−24 58.0	2.189	3.143	6.7	19.4
4 21	12 15.99	−23 55.5	2.205	3.136	8.2	19.5
5 1	12 10.59	−22 46.1	2.247	3.129	10.5	19.6

500403 2012 TX_{97} 3 29.5 133.°01 0.°2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.71	− 6 15.8	2.437	3.225	12.2	22.2
3 2	12 51.54	− 5 53.7	2.352	3.232	9.5	22.0
3 12	12 45.67	− 5 20.7	2.291	3.238	6.3	21.8
3 22	12 38.60	− 4 39.6	2.257	3.245	2.8	21.6
4 1	12 30.99	− 3 54.4	2.253	3.251	0.9	21.5
4 11	12 23.61	− 3 9.9	2.277	3.257	4.5	21.7
4 21	12 17.15	− 2 30.5	2.330	3.263	7.8	22.0
5 1	12 12.14	− 1 59.9	2.409	3.268	10.8	22.2

317358 2002 NW_1 3 29.5 263.°77 3.°1/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.50	+ 0 48.1	1.778	2.600	14.7	21.3
3 2	12 53.80	+ 1 46.9	1.680	2.581	11.3	21.1
3 12	12 47.68	+ 2 57.9	1.604	2.562	7.5	20.8
3 22	12 39.66	+ 4 15.0	1.555	2.543	3.8	20.5
4 1	12 30.60	+ 5 30.1	1.533	2.523	4.1	20.5
4 11	12 21.64	+ 6 34.6	1.539	2.502	8.1	20.7
4 21	12 13.83	+ 7 21.9	1.570	2.482	12.3	20.9
5 1	12 8.04	+ 7 48.1	1.623	2.460	16.1	21.1

271693 2004 RX_{114} 3 29.5 221.°66 0.°7/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.52	− 7 4.7	2.575	3.346	12.1	21.7
3 2	12 55.43	− 7 1.0	2.466	3.335	9.5	21.5
3 12	12 48.32	− 6 47.1	2.381	3.322	6.5	21.3
3 22	12 39.81	− 6 24.5	2.324	3.309	3.1	21.0
4 1	12 30.57	− 5 56.3	2.297	3.295	1.0	20.8
4 11	12 21.40	− 5 26.1	2.300	3.280	4.4	21.1
4 21	12 13.07	− 4 58.2	2.333	3.265	7.8	21.3
5 1	12 6.23	− 4 36.2	2.392	3.249	10.9	21.4

203365 2001 VC_{125} 3 29.5 128.°02 0.°7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.28	− 3 34.8	1.708	2.511	16.0	20.7
3 2	12 58.02	− 3 16.9	1.635	2.524	12.4	20.5
3 12	12 50.24	− 2 46.8	1.584	2.536	8.1	20.3
3 22	12 40.66	− 2 8.6	1.559	2.548	3.5	20.0
4 1	12 30.31	− 1 27.9	1.562	2.560	1.7	19.9
4 11	12 20.41	− 0 51.2	1.593	2.570	6.3	20.2
4 21	12 11.98	− 0 23.8	1.650	2.580	10.6	20.5
5 1	12 5.79	− 0 9.4	1.731	2.590	14.3	20.8

226039 2002 GB_{13} 3 29.5 111.°20 2.°8/ 2.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.10	−20 24.5	2.170	2.899	15.3	19.9
3 2	12 52.06	−19 3.1	2.081	2.914	12.5	19.8
3 12	12 46.08	−17 15.3	2.014	2.928	9.2	19.6
3 22	12 38.78	−15 4.0	1.974	2.942	5.6	19.4
4 1	12 30.95	−12 36.0	1.964	2.956	2.9	19.2
4 11	12 23.50	−10 1.4	1.986	2.969	4.6	19.4
4 21	12 17.18	− 7 30.6	2.039	2.982	8.1	19.6
5 1	12 12.57	− 5 13.1	2.120	2.995	11.4	19.8

221102 2005 SE_{109} 3 29.5 39.°55 0.°6/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.21	− 7 42.5	1.679	2.484	16.2	21.1
3 2	12 52.73	− 7 21.4	1.600	2.488	12.7	20.8
3 12	12 46.86	− 6 43.5	1.541	2.491	8.5	20.6
3 22	12 39.23	− 5 52.2	1.508	2.495	3.9	20.3
4 1	12 30.78	− 4 53.3	1.501	2.500	1.1	20.1
4 11	12 22.66	− 3 54.3	1.521	2.504	5.8	20.5
4 21	12 15.85	− 3 2.2	1.568	2.508	10.2	20.7
5 1	12 11.11	− 2 22.7	1.637	2.513	14.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
297617	2001 TZ_{16}		3 29.5	118.°03	2.°3/31.4	18
	h m	° ′			°	m
2 21	13 2.43	−11 23.3	1.651	2.432	17.4	21.2
3 2	12 57.53	−11 23.0	1.577	2.447	13.9	21.0
3 12	12 50.00	−11 3.8	1.523	2.461	9.7	20.8
3 22	12 40.58	−10 27.4	1.494	2.475	5.2	20.6
4 1	12 30.34	− 9 38.3	1.492	2.488	2.4	20.4
4 11	12 20.54	− 8 43.3	1.517	2.501	5.7	20.7
4 21	12 12.26	− 7 50.1	1.570	2.513	10.0	20.9
5 1	12 6.30	− 7 5.3	1.645	2.524	13.9	21.2
499310	2009 WC_{71}		3 29.5	176.°03	3.°1/26.2	17
2 21	12 58.47	+ 3 35.0	2.252	3.065	12.3	22.4
3 2	12 53.79	+ 4 20.7	2.171	3.067	9.4	22.2
3 12	12 47.23	+ 5 12.0	2.114	3.069	6.2	22.0
3 22	12 39.30	+ 6 3.8	2.085	3.070	3.5	21.9
4 1	12 30.77	+ 6 50.5	2.085	3.070	3.8	21.9
4 11	12 22.50	+ 7 26.8	2.114	3.071	6.7	22.1
4 21	12 15.24	+ 7 49.2	2.170	3.070	9.9	22.3
5 1	12 9.63	+ 7 55.9	2.250	3.069	12.8	22.5
280142	2002 PQ_{29}		3 29.5	203.°76	2.°3/ 1.0	17
2 21	12 56.44	−12 47.0	2.329	3.092	13.5	21.0
3 2	12 52.33	−12 43.9	2.232	3.090	10.8	20.8
3 12	12 46.34	−12 25.9	2.157	3.087	7.8	20.6
3 22	12 38.95	−11 53.9	2.108	3.084	4.5	20.4
4 1	12 30.88	−11 10.8	2.087	3.081	2.3	20.2
4 11	12 22.97	−10 21.3	2.096	3.078	4.5	20.3
4 21	12 16.00	− 9 30.8	2.132	3.074	7.8	20.5
5 1	12 10.60	− 8 44.6	2.194	3.070	11.0	20.7
54995	2001 QS_{13}		3 29.5	176.°10	1.°1/28.1	18
2 21	12 54.99	− 2 27.5	2.469	3.270	11.7	19.5
3 2	12 51.00	− 1 50.5	2.382	3.271	9.0	19.4
3 12	12 45.33	− 1 4.5	2.319	3.272	5.8	19.2
3 22	12 38.47	− 0 13.0	2.283	3.273	2.5	18.9
4 1	12 31.06	+ 0 39.1	2.277	3.273	1.8	18.9
4 11	12 23.86	+ 1 26.8	2.301	3.273	5.1	19.1
4 21	12 17.53	+ 2 5.9	2.352	3.273	8.3	19.3
5 1	12 12.61	+ 2 33.4	2.428	3.273	11.2	19.5
344857	2004 HO_{12}		3 29.5	329.°99	5.°2/25.3	17
2 21	12 59.88	+ 9 59.8	1.851	2.680	13.9	20.5
3 2	12 55.44	+10 23.0	1.765	2.667	10.9	20.2
3 12	12 48.61	+10 46.1	1.702	2.654	7.7	20.0
3 22	12 40.00	+11 2.9	1.665	2.642	5.4	19.9
4 1	12 30.54	+11 7.5	1.655	2.630	6.0	19.9
4 11	12 21.32	+10 55.5	1.671	2.619	8.9	20.0
4 21	12 13.35	+10 25.0	1.713	2.609	12.4	20.2
5 1	12 7.42	+ 9 36.5	1.777	2.599	15.6	20.4
348807	2006 QM_{128}		3 29.5	204.°97	4.°5/ 3.9	18
2 21	12 56.53	−20 32.2	2.694	3.406	13.0	21.5
3 2	12 52.25	−20 47.9	2.589	3.403	10.9	21.3
3 12	12 46.23	−20 47.3	2.506	3.399	8.6	21.1
3 22	12 38.90	−20 29.7	2.447	3.394	6.2	21.0
4 1	12 30.92	−19 56.3	2.416	3.389	4.6	20.9
4 11	12 23.05	−19 10.3	2.414	3.384	5.1	20.9
4 21	12 16.00	−18 16.4	2.441	3.379	7.2	21.0
5 1	12 10.37	−17 20.0	2.493	3.373	9.7	21.2
176589	2002 CB_{159}		3 29.5	173.°42	2.°4/ 1.1	18
2 21	12 56.88	−12 19.9	2.580	3.338	12.4	19.9
3 2	12 52.46	−12 32.6	2.484	3.338	10.0	19.7
3 12	12 46.33	−12 32.9	2.411	3.339	7.2	19.6
3 22	12 38.93	−12 21.5	2.364	3.339	4.2	19.4
4 1	12 30.92	−12 0.4	2.347	3.339	2.4	19.2
4 11	12 23.07	−11 33.0	2.358	3.339	4.2	19.4
4 21	12 16.06	−11 3.4	2.399	3.340	7.2	19.5
5 1	12 10.49	−10 35.8	2.465	3.340	10.0	19.7
111116	2001 VA_{87}		3 29.5	96.°09	2.°1/27.2	18
2 21	12 53.76	− 3 39.6	1.802	2.619	14.7	19.4
3 2	12 50.64	− 2 15.9	1.724	2.623	11.2	19.2
3 12	12 45.38	− 0 36.3	1.669	2.627	7.2	18.9
3 22	12 38.56	+ 1 12.4	1.641	2.631	3.2	18.7
4 1	12 31.05	+ 3 1.0	1.641	2.635	3.0	18.7
4 11	12 23.85	+ 4 39.9	1.670	2.638	7.0	18.9
4 21	12 17.83	+ 6 1.6	1.725	2.642	11.0	19.2
5 1	12 13.66	+ 7 1.4	1.802	2.646	14.5	19.4
87556	2000 RL_1		3 29.5	278.°58	1.°0/28.4	18
2 21	12 53.82	− 6 43.0	1.925	2.728	14.4	19.8
3 2	12 50.84	− 5 30.5	1.814	2.705	11.3	19.6
3 12	12 45.67	− 3 57.7	1.727	2.680	7.4	19.3
3 22	12 38.79	− 2 9.3	1.666	2.656	3.1	18.9
4 1	12 30.96	− 0 13.0	1.634	2.631	1.9	18.8
4 11	12 23.16	+ 1 41.3	1.631	2.605	6.5	19.0
4 21	12 16.35	+ 3 24.2	1.655	2.580	10.9	19.2
5 1	12 11.33	+ 4 48.3	1.702	2.554	14.8	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
62881	2000 UA_{92}		3 29.5	258.°39	0.°5/28.9	18
	h m	° ′			°	m
2 21	12 58.24	− 2 37.6	2.549	3.341	11.6	19.9
3 2	12 53.56	− 2 32.3	2.444	3.327	9.0	19.7
3 12	12 47.10	− 2 19.5	2.364	3.314	6.0	19.4
3 22	12 39.30	− 2 1.7	2.311	3.300	2.6	19.2
4 1	12 30.82	− 1 42.1	2.288	3.285	1.2	19.1
4 11	12 22.43	− 1 24.4	2.295	3.271	4.7	19.3
4 21	12 14.86	− 1 11.9	2.330	3.256	8.1	19.5
5 1	12 8.73	− 1 7.4	2.391	3.242	11.1	19.6
407814	2012 AP_8		3 29.5	171.°24	4.°6/24.6	17
2 21	12 59.92	+ 6 33.7	2.087	2.905	12.9	22.2
3 2	12 55.06	+ 7 47.2	2.012	2.910	9.9	22.0
3 12	12 48.14	+ 9 5.4	1.962	2.914	6.8	21.8
3 22	12 39.74	+10 21.3	1.940	2.917	4.7	21.7
4 1	12 30.69	+11 27.5	1.946	2.919	5.5	21.7
4 11	12 21.95	+12 17.7	1.981	2.920	8.3	21.9
4 21	12 14.36	+12 48.4	2.042	2.921	11.4	22.1
5 1	12 8.56	+12 58.3	2.125	2.921	14.3	22.3
65944	1998 FZ_{99}		3 29.5	302.°01	4.°7/ 1.8	18
2 21	12 59.81	−14 30.4	1.538	2.316	18.6	17.8
3 2	12 56.10	−15 7.8	1.446	2.309	15.3	17.6
3 12	12 49.48	−15 25.4	1.374	2.302	11.4	17.3
3 22	12 40.56	−15 21.9	1.324	2.295	7.3	17.0
4 1	12 30.37	−14 58.2	1.299	2.289	4.7	16.9
4 11	12 20.32	−14 19.6	1.301	2.282	6.7	17.0
4 21	12 11.71	−13 33.6	1.327	2.276	10.9	17.2
5 1	12 5.59	−12 48.8	1.375	2.270	15.1	17.4
285052	2011 GX_{85}		3 29.5	222.°63	3.°0/26.0	18
2 21	12 55.65	+ 2 29.1	2.229	3.046	12.3	20.9
3 2	12 51.75	+ 3 26.9	2.141	3.040	9.4	20.7
3 12	12 45.96	+ 4 32.4	2.077	3.033	6.2	20.5
3 22	12 38.81	+ 5 40.0	2.041	3.027	3.4	20.3
4 1	12 31.00	+ 6 43.4	2.034	3.020	3.8	20.3
4 11	12 23.38	+ 7 36.7	2.056	3.013	6.9	20.5
4 21	12 16.72	+ 8 15.2	2.104	3.005	10.1	20.7
5 1	12 11.63	+ 8 36.7	2.175	2.998	13.1	20.8
43898	1995 VN		3 29.5	163.°85	0.°2/29.3	18
2 21	12 59.10	− 6 10.2	2.138	2.927	13.7	20.1
3 2	12 54.41	− 5 34.5	2.053	2.933	10.6	19.9
3 12	12 47.71	− 4 45.6	1.991	2.939	7.0	19.7
3 22	12 39.56	− 3 47.0	1.956	2.944	3.0	19.4
4 1	12 30.76	− 2 44.1	1.950	2.948	1.1	19.3
4 11	12 22.22	− 1 43.2	1.974	2.951	5.2	19.6
4 21	12 14.78	− 0 49.9	2.025	2.954	9.0	19.8
5 1	12 9.06	− 0 8.7	2.102	2.956	12.3	20.0
208437	2001 TQ_{108}		3 29.5	234.°05	0.°7/30.2	18
2 21	12 57.27	− 6 54.5	2.438	3.220	12.4	20.8
3 2	12 52.88	− 6 50.8	2.339	3.214	9.7	20.6
3 12	12 46.67	− 6 36.5	2.263	3.207	6.6	20.4
3 22	12 39.12	− 6 13.6	2.215	3.201	3.1	20.2
4 1	12 30.91	− 5 45.1	2.195	3.194	1.0	20.0
4 11	12 22.83	− 5 15.2	2.206	3.187	4.4	20.2
4 21	12 15.62	− 4 48.0	2.244	3.180	7.9	20.4
5 1	12 9.92	− 4 27.3	2.308	3.172	11.0	20.6
502572	2015 BA_{502}		3 29.5	335.°61	2.°2/27.3	17
2 21	12 54.41	− 1 23.5	1.874	2.693	14.1	21.8
3 2	12 51.11	− 0 27.0	1.792	2.692	10.8	21.6
3 12	12 45.70	+ 0 41.4	1.733	2.691	7.0	21.4
3 22	12 38.74	+ 1 56.3	1.701	2.690	3.2	21.1
4 1	12 31.05	+ 3 10.1	1.696	2.689	3.0	21.1
4 11	12 23.63	+ 4 15.4	1.719	2.688	6.8	21.3
4 21	12 17.33	+ 5 6.2	1.768	2.687	10.7	21.6
5 1	12 12.85	+ 5 38.8	1.839	2.686	14.1	21.8
207632	2006 SE_{299}		3 29.5	251.°62	2.°7/26.3	17
2 21	12 54.70	+ 2 21.7	2.402	3.217	11.6	20.4
3 2	12 50.91	+ 3 11.0	2.309	3.207	8.8	20.2
3 12	12 45.37	+ 4 7.1	2.241	3.197	5.8	20.0
3 22	12 38.55	+ 5 5.4	2.200	3.186	3.1	19.8
4 1	12 31.12	+ 6 0.4	2.188	3.175	3.4	19.8
4 11	12 23.82	+ 6 46.6	2.205	3.164	6.3	20.0
4 21	12 17.39	+ 7 20.1	2.249	3.153	9.5	20.2
5 1	12 12.41	+ 7 38.5	2.317	3.142	12.3	20.3
15510	Phoeberounds		3 29.5	67.°72	1.°0/28.7	18
2 21	12 57.44	− 4 34.6	1.514	2.333	17.0	18.8
3 2	12 53.84	− 3 55.4	1.444	2.342	13.1	18.6
3 12	12 47.67	− 3 0.2	1.396	2.352	8.6	18.4
3 22	12 39.62	− 1 54.6	1.372	2.362	3.6	18.1
4 1	12 30.77	− 0 46.1	1.374	2.372	2.0	18.0
4 11	12 22.37	+ 0 16.4	1.404	2.382	6.8	18.3
4 21	12 15.46	+ 1 5.8	1.458	2.392	11.4	18.6
5 1	12 10.82	+ 1 37.5	1.534	2.402	15.3	18.9

268979 2007 EG_{54} 3 29.5 348.°46 2.°1/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.45	+ 0 19.4	1.819	2.637	14.6	20.8
3 2	12 54.29	+ 0 44.9	1.738	2.636	11.2	20.6
3 12	12 47.83	+ 1 19.0	1.679	2.636	7.3	20.4
3 22	12 39.69	+ 1 57.1	1.646	2.635	3.3	20.1
4 1	12 30.76	+ 2 33.4	1.641	2.635	2.9	20.1
4 11	12 22.12	+ 3 1.9	1.664	2.635	6.8	20.3
4 21	12 14.72	+ 3 18.2	1.712	2.635	10.8	20.5
5 1	12 9.30	+ 3 19.6	1.783	2.634	14.3	20.8

334653 2002 XP_{32} 3 29.5 115.°01 0.°7/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.61	− 3 53.4	1.511	2.320	17.4	20.9
3 2	12 58.60	− 3 35.6	1.441	2.334	13.5	20.7
3 12	12 50.81	− 3 4.1	1.393	2.347	8.9	20.5
3 22	12 41.00	− 2 23.1	1.370	2.359	3.8	20.2
4 1	12 30.34	− 1 39.1	1.373	2.371	1.7	20.1
4 11	12 20.20	− 0 59.4	1.404	2.383	6.8	20.4
4 21	12 11.72	− 0 30.1	1.461	2.394	11.4	20.7
5 1	12 5.72	− 0 15.3	1.539	2.405	15.4	21.0

62029 2000 RD_{55} 3 29.5 216.°27 3.°5/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.91	−18 30.5	3.054	3.771	11.5	19.5
3 2	12 51.57	−18 38.9	2.942	3.763	9.6	19.4
3 12	12 45.69	−18 33.4	2.854	3.754	7.3	19.2
3 22	12 38.68	−18 13.9	2.791	3.745	5.1	19.0
4 1	12 31.09	−17 41.8	2.757	3.736	3.6	18.9
4 11	12 23.58	−16 59.9	2.753	3.726	4.3	18.9
4 21	12 16.76	−16 12.3	2.777	3.716	6.4	19.1
5 1	12 11.16	−15 23.4	2.829	3.705	8.8	19.2

131960 2002 CB_{43} 3 29.5 57.°88 1.°6/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.09	− 1 52.2	1.278	2.107	18.9	19.0
3 2	12 57.67	− 1 32.8	1.224	2.127	14.5	18.8
3 12	12 50.25	− 1 0.5	1.190	2.148	9.4	18.6
3 22	12 40.74	− 0 21.0	1.179	2.169	4.0	18.3
4 1	12 30.46	+ 0 18.1	1.194	2.190	2.6	18.3
4 11	12 20.91	+ 0 49.1	1.234	2.212	7.6	18.6
4 21	12 13.27	+ 1 6.4	1.298	2.233	12.4	19.0
5 1	12 8.32	+ 1 7.2	1.384	2.255	16.5	19.3

296762 2009 UH_{45} 3 29.5 125.°04 0.°1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.65	− 5 16.8	3.312	4.097	9.4	21.7
3 2	12 48.01	− 4 49.3	3.225	4.104	7.2	21.5
3 12	12 43.18	− 4 14.0	3.164	4.111	4.7	21.4
3 22	12 37.52	− 3 33.3	3.130	4.119	2.0	21.2
4 1	12 31.51	− 2 50.4	3.127	4.125	0.8	21.1
4 11	12 25.65	− 2 8.7	3.155	4.132	3.5	21.3
4 21	12 20.41	− 1 31.3	3.211	4.139	6.1	21.5
5 1	12 16.19	− 1 0.9	3.294	4.145	8.4	21.7

330681 2008 HF_{37} 3 29.5 316.°39 3.°1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.31	−13 59.1	1.622	2.409	17.4	20.4
3 2	12 51.60	−13 52.9	1.528	2.399	14.2	20.1
3 12	12 46.37	−13 24.1	1.454	2.390	10.3	19.9
3 22	12 39.16	−12 33.5	1.403	2.381	6.0	19.6
4 1	12 30.92	−11 25.1	1.378	2.373	3.1	19.4
4 11	12 22.85	−10 6.5	1.379	2.364	5.8	19.5
4 21	12 16.06	− 8 47.1	1.406	2.357	10.3	19.8
5 1	12 11.44	− 7 35.7	1.455	2.349	14.5	20.0

443669 2015 HA_{43} 3 29.5 305.°14 0.°6/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.01	− 7 13.0	2.098	2.900	13.5	20.6
3 2	12 48.41	− 6 6.5	1.995	2.884	10.5	20.4
3 12	12 43.92	− 4 42.4	1.915	2.868	6.9	20.1
3 22	12 37.99	− 3 4.9	1.863	2.852	2.9	19.8
4 1	12 31.33	− 1 21.0	1.839	2.836	1.5	19.7
4 11	12 24.78	+ 0 21.1	1.844	2.821	5.6	19.9
4 21	12 19.15	+ 1 53.5	1.876	2.805	9.6	20.1
5 1	12 15.09	+ 3 9.9	1.933	2.790	13.1	20.3

502550 2015 BG_{468} 3 29.5 68.°70 1.°9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.44	− 0 34.0	1.956	2.772	13.8	21.2
3 2	12 52.56	+ 0 3.2	1.876	2.773	10.6	21.0
3 12	12 46.60	+ 0 50.0	1.818	2.775	6.9	20.7
3 22	12 39.13	+ 1 41.6	1.787	2.777	3.1	20.5
4 1	12 30.97	+ 2 31.8	1.785	2.778	2.7	20.5
4 11	12 23.09	+ 3 14.6	1.810	2.780	6.4	20.7
4 21	12 16.33	+ 3 45.2	1.861	2.782	10.2	20.9
5 1	12 11.37	+ 4 0.7	1.936	2.784	13.5	21.1

202303 2005 CM_{63} 3 29.5 99.°38 6.°2/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.94	−22 44.5	2.206	2.913	15.7	20.5
3 2	12 55.25	−23 27.2	2.120	2.924	13.4	20.3
3 12	12 48.40	−23 50.2	2.054	2.935	10.7	20.2
3 22	12 39.93	−23 51.8	2.011	2.946	8.1	20.0
4 1	12 30.69	−23 32.3	1.995	2.957	6.4	19.9
4 11	12 21.69	−22 54.9	2.006	2.968	6.6	20.0
4 21	12 13.81	−22 5.3	2.044	2.978	8.6	20.1
5 1	12 7.79	−21 10.5	2.107	2.988	11.2	20.3

9824 Marylea 3 29.5 212.°81 1.°4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.19	− 1 45.8	2.240	3.045	12.6	18.5
3 2	12 52.15	− 1 12.5	2.150	3.042	9.7	18.3
3 12	12 46.24	− 0 29.9	2.085	3.039	6.3	18.1
3 22	12 38.96	+ 0 18.1	2.047	3.036	2.7	17.9
4 1	12 31.03	+ 1 6.6	2.038	3.033	2.1	17.8
4 11	12 23.30	+ 1 49.9	2.057	3.029	5.6	18.0
4 21	12 16.54	+ 2 23.7	2.104	3.026	9.1	18.2
5 1	12 11.36	+ 2 44.8	2.175	3.022	12.2	18.4

156326 2001 XG_{101} 3 29.5 99.°57 1.°4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.42	− 1 58.4	2.080	2.880	13.6	20.8
3 2	12 55.26	− 1 22.1	2.017	2.906	10.4	20.6
3 12	12 48.14	− 0 36.5	1.978	2.931	6.7	20.4
3 22	12 39.71	+ 0 13.7	1.966	2.955	2.9	20.2
4 1	12 30.81	+ 1 3.1	1.984	2.979	2.1	20.2
4 11	12 22.36	+ 1 46.0	2.030	3.002	5.7	20.5
4 21	12 15.12	+ 2 18.4	2.105	3.025	9.2	20.7
5 1	12 9.66	+ 2 37.6	2.203	3.047	12.2	21.0

159612 2002 AV_{17} 3 29.5 199.°38 4.°2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.73	+ 5 31.2	2.164	2.977	12.7	21.0
3 2	12 55.73	+ 6 43.8	2.077	2.973	9.8	20.8
3 12	12 48.65	+ 8 2.6	2.015	2.967	6.7	20.6
3 22	12 40.03	+ 9 21.0	1.982	2.961	4.4	20.4
4 1	12 30.67	+10 31.5	1.978	2.953	5.1	20.5
4 11	12 21.53	+11 27.6	2.003	2.945	8.1	20.6
4 21	12 13.45	+12 5.0	2.054	2.935	11.3	20.8
5 1	12 7.14	+12 22.1	2.128	2.924	14.2	21.0

291011 2005 YM_1 3 29.5 106.°48 1.°2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.61	− 1 44.9	2.032	2.834	13.8	21.2
3 2	12 55.54	− 1 22.7	1.961	2.851	10.6	21.0
3 12	12 48.42	− 0 51.6	1.914	2.867	6.9	20.8
3 22	12 39.87	− 0 15.6	1.894	2.883	2.9	20.6
4 1	12 30.75	+ 0 20.4	1.903	2.899	1.9	20.5
4 11	12 22.03	+ 0 51.2	1.941	2.914	5.7	20.8
4 21	12 14.52	+ 1 12.7	2.005	2.929	9.4	21.1
5 1	12 8.85	+ 1 22.3	2.094	2.944	12.5	21.3

332127 2005 WO_{33} 3 29.5 138.°03 5.°6/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.84	−23 22.0	2.215	2.922	15.6	20.9
3 2	12 53.60	−23 32.8	2.125	2.931	13.3	20.7
3 12	12 47.28	−23 21.6	2.055	2.940	10.5	20.6
3 22	12 39.43	−22 47.6	2.008	2.948	7.8	20.4
4 1	12 30.88	−21 52.3	1.988	2.956	5.9	20.3
4 11	12 22.58	−20 40.6	1.995	2.963	6.1	20.3
4 21	12 15.39	−19 19.3	2.030	2.970	8.3	20.5
5 1	12 10.00	−17 56.3	2.091	2.977	11.0	20.7

65099 2002 CH_{13} 3 29.5 312.°33 5.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.65	+ 3 13.0	1.318	2.168	17.2	18.4
3 2	12 52.38	+ 4 22.0	1.234	2.150	13.3	18.1
3 12	12 47.17	+ 5 44.4	1.170	2.132	9.0	17.8
3 22	12 39.62	+ 7 11.2	1.129	2.115	5.4	17.5
4 1	12 30.80	+ 8 30.9	1.113	2.098	6.3	17.5
4 11	12 22.16	+ 9 32.0	1.122	2.082	10.7	17.7
4 21	12 15.02	+10 7.1	1.152	2.067	15.5	17.9
5 1	12 10.43	+10 13.0	1.201	2.052	19.8	18.1

298768 2004 NO_4 3 29.5 230.°47 9.°1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 13.86	+20 45.4	1.904	2.703	14.8	20.5
3 2	13 6.33	+21 34.7	1.820	2.690	12.3	20.3
3 12	12 55.88	+22 15.6	1.759	2.676	10.1	20.1
3 22	12 43.26	+22 39.0	1.724	2.661	9.1	20.0
4 1	12 29.63	+22 36.8	1.717	2.645	10.0	20.0
4 11	12 16.38	+22 5.2	1.737	2.628	12.3	20.1
4 21	12 4.77	+21 5.1	1.782	2.611	15.1	20.3
5 1	11 55.68	+19 40.4	1.849	2.593	17.9	20.4

31988 Jasonfiacco 3 29.5 265.°46 1.°6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.22	− 9 37.6	1.578	2.375	17.4	19.3
3 2	12 55.60	− 9 31.6	1.478	2.359	14.0	19.0
3 12	12 49.18	− 9 6.4	1.397	2.342	9.7	18.7
3 22	12 40.48	− 8 23.5	1.341	2.325	5.0	18.4
4 1	12 30.51	− 7 27.1	1.310	2.308	1.8	18.1
4 11	12 20.58	− 6 25.0	1.306	2.290	6.3	18.4
4 21	12 11.96	− 5 25.5	1.328	2.272	11.4	18.6
5 1	12 5.70	− 4 36.6	1.372	2.254	15.9	18.8

303355 2004 TU_{330} 3 29.5 128.°84 2.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.98	− 0 10.2	1.874	2.680	14.7	21.3
3 2	12 57.53	+ 0 29.0	1.805	2.698	11.2	21.1
3 12	12 49.81	+ 1 17.3	1.760	2.714	7.3	20.9
3 22	12 40.50	+ 2 9.4	1.741	2.729	3.3	20.7
4 1	12 30.58	+ 2 58.9	1.751	2.744	2.9	20.7
4 11	12 21.10	+ 3 39.6	1.790	2.758	6.7	21.0
4 21	12 12.99	+ 4 7.1	1.856	2.771	10.5	21.2
5 1	12 6.92	+ 4 19.0	1.945	2.784	13.8	21.5

334394 2002 CF_{157} 3 29.5 353.°35 8.°0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.85	+11 21.4	1.507	2.360	15.2	19.6
3 2	12 50.44	+13 8.6	1.444	2.356	12.0	19.4
3 12	12 45.52	+14 58.4	1.403	2.353	9.2	19.2
3 22	12 38.75	+16 39.4	1.387	2.351	8.0	19.1
4 1	12 31.14	+18 0.1	1.396	2.349	9.4	19.2
4 11	12 23.90	+18 52.2	1.428	2.348	12.5	19.4
4 21	12 18.06	+19 12.4	1.482	2.348	15.7	19.6
5 1	12 14.39	+19 1.5	1.554	2.348	18.7	19.8

158914 2004 RV_{26} 3 29.5 201.°07 0.°1/29.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.28	− 5 19.5	2.122	2.916	13.6	20.9
3 2	12 53.90	− 5 0.8	2.030	2.914	10.6	20.7
3 12	12 47.48	− 4 30.4	1.962	2.911	7.1	20.5
3 22	12 39.55	− 3 51.1	1.920	2.908	3.1	20.2
4 1	12 30.88	− 3 7.5	1.907	2.905	1.1	20.1
4 11	12 22.42	− 2 25.0	1.922	2.901	5.2	20.4
4 21	12 14.99	− 1 48.7	1.965	2.897	9.0	20.6
5 1	12 9.30	− 1 22.6	2.033	2.893	12.4	20.8

332362 2007 EG_{68} 3 29.5 227.°68 1.°1/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.14	− 3 40.1	1.963	2.771	14.0	21.2
3 2	12 52.41	− 2 58.6	1.874	2.767	10.8	21.0
3 12	12 46.57	− 2 4.3	1.809	2.763	7.1	20.7
3 22	12 39.17	− 1 1.5	1.769	2.759	3.0	20.4
4 1	12 31.01	+ 0 3.6	1.758	2.754	1.9	20.4
4 11	12 23.06	+ 1 4.0	1.775	2.749	6.0	20.6
4 21	12 16.20	+ 1 53.9	1.818	2.745	10.0	20.8
5 1	12 11.13	+ 2 28.9	1.885	2.740	13.5	21.0

114585 2003 BL_{80} 3 29.5 100.°61 7.°0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 7.02	−19 24.7	1.868	2.594	17.5	19.2
3 2	13 1.33	−20 48.6	1.776	2.596	14.9	19.0
3 12	12 52.81	−21 55.7	1.704	2.598	11.9	18.9
3 22	12 42.04	−22 41.9	1.657	2.600	8.9	18.7
4 1	12 30.04	−23 4.9	1.635	2.601	7.1	18.6
4 11	12 18.13	−23 6.4	1.642	2.603	7.8	18.6
4 21	12 7.57	−22 51.0	1.675	2.605	10.4	18.8
5 1	11 59.36	−22 26.2	1.731	2.607	13.5	19.0

456937 2007 YX_{53} 3 29.5 126.°81 4.°1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.05	−16 48.1	1.955	2.700	16.3	21.5
3 2	12 56.96	−16 59.2	1.875	2.716	13.3	21.3
3 12	12 49.54	−16 50.5	1.816	2.731	9.9	21.1
3 22	12 40.45	−16 22.1	1.781	2.746	6.4	20.9
4 1	12 30.61	−15 36.6	1.773	2.760	4.1	20.8
4 11	12 21.13	−14 39.6	1.794	2.773	5.5	20.9
4 21	12 12.96	−13 38.1	1.843	2.786	8.8	21.2
5 1	12 6.83	−12 39.4	1.917	2.798	12.1	21.4

172090 Davidmccomas 3 29.5 336.°33 0.°6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.28	− 4 15.7	2.115	2.922	13.2	20.3
3 2	12 50.07	− 3 46.7	2.024	2.916	10.2	20.1
3 12	12 44.96	− 3 6.2	1.957	2.910	6.7	19.9
3 22	12 38.45	− 2 17.6	1.916	2.905	2.9	19.6
4 1	12 31.27	− 1 25.9	1.903	2.900	1.4	19.5
4 11	12 24.26	− 0 37.0	1.918	2.896	5.3	19.8
4 21	12 18.23	+ 0 3.9	1.960	2.891	9.1	20.0
5 1	12 13.79	+ 0 32.8	2.025	2.887	12.4	20.2

369382 2009 UX_{151} 3 29.5 156.°19 4.°7/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.69	−20 46.3	2.407	3.121	14.3	22.7
3 2	12 54.07	−20 55.3	2.313	3.129	12.0	22.5
3 12	12 47.52	−20 45.3	2.241	3.136	9.3	22.4
3 22	12 39.56	−20 16.1	2.193	3.142	6.6	22.2
4 1	12 30.93	−19 29.3	2.173	3.148	4.8	22.1
4 11	12 22.52	−18 29.1	2.181	3.153	5.3	22.1
4 21	12 15.10	−17 21.5	2.218	3.158	7.7	22.3
5 1	12 9.34	−16 13.2	2.281	3.162	10.5	22.5

502062 2015 AD_{179} 3 29.5 126.°21 0.°3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.94	− 4 39.6	1.941	2.743	14.4	22.0
3 2	12 53.77	− 4 19.6	1.858	2.746	11.2	21.8
3 12	12 47.45	− 3 47.6	1.798	2.750	7.4	21.6
3 22	12 39.55	− 3 7.0	1.764	2.753	3.2	21.3
4 1	12 30.93	− 2 22.7	1.758	2.756	1.3	21.2
4 11	12 22.59	− 1 40.8	1.780	2.758	5.6	21.5
4 21	12 15.41	− 1 6.4	1.828	2.761	9.5	21.7
5 1	12 10.08	− 0 43.6	1.901	2.764	13.0	22.0

379330 2009 WP_{71} 3 29.5 191.°01 3.°5/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.14	−17 19.2	2.173	2.919	14.8	21.3
3 2	12 52.32	−17 7.3	2.076	2.918	12.2	21.1
3 12	12 46.48	−16 35.5	2.000	2.917	9.1	20.9
3 22	12 39.14	−15 44.4	1.949	2.916	5.8	20.7
4 1	12 31.07	−14 37.0	1.926	2.914	3.6	20.6
4 11	12 23.18	−13 19.2	1.931	2.912	4.9	20.7
4 21	12 16.33	−11 58.1	1.964	2.909	8.2	20.9
5 1	12 11.18	−10 41.0	2.023	2.906	11.5	21.1

463418 2013 HU_{111} 3 29.5 99.°00 0.°5/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.73	− 4 29.5	1.623	2.428	16.6	22.6
3 2	12 57.67	− 4 7.0	1.559	2.448	12.8	22.4
3 12	12 50.06	− 3 31.0	1.515	2.468	8.4	22.1
3 22	12 40.68	− 2 45.8	1.498	2.487	3.6	21.9
4 1	12 30.60	− 1 57.7	1.508	2.505	1.5	21.8
4 11	12 21.06	− 1 13.6	1.545	2.524	6.3	22.1
4 21	12 13.09	− 0 39.5	1.609	2.541	10.6	22.4
5 1	12 7.39	− 0 19.2	1.696	2.559	14.3	22.7

364192 Qianruhu 3 29.5 259.°60 1.°6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.00	−10 36.5	1.841	2.625	15.7	21.5
3 2	12 54.26	−10 19.4	1.733	2.607	12.6	21.2
3 12	12 48.09	− 9 43.5	1.647	2.588	8.8	20.9
3 22	12 39.97	− 8 50.5	1.585	2.568	4.6	20.6
4 1	12 30.77	− 7 44.6	1.551	2.548	1.7	20.4
4 11	12 21.60	− 6 32.9	1.545	2.528	5.6	20.6
4 21	12 13.52	− 5 23.3	1.565	2.507	10.1	20.8
5 1	12 7.46	− 4 23.2	1.609	2.486	14.3	21.0

425128 2009 SJ_{216} 3 29.5 157.°55 0.°1/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.51	− 5 18.7	2.280	3.068	13.0	22.7
3 2	12 54.62	− 4 58.7	2.195	3.074	10.1	22.5
3 12	12 47.84	− 4 27.8	2.133	3.081	6.7	22.3
3 22	12 39.68	− 3 48.9	2.099	3.087	2.9	22.1
4 1	12 30.91	− 3 6.4	2.094	3.092	1.0	21.9
4 11	12 22.40	− 2 25.3	2.118	3.097	4.9	22.2
4 21	12 14.91	− 1 50.0	2.171	3.101	8.4	22.4
5 1	12 9.06	− 1 24.4	2.249	3.104	11.6	22.6

86669 2000 FV_{14} 3 29.5 24.°33 2.°9/28.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 7.07	+ 4 18.6	1.400	2.226	17.7	18.9
3 2	13 1.56	+ 3 59.9	1.330	2.231	13.8	18.7
3 12	12 52.95	+ 3 44.1	1.281	2.237	9.1	18.4
3 22	12 42.04	+ 3 26.7	1.256	2.244	4.4	18.1
4 1	12 30.15	+ 3 3.4	1.258	2.251	3.6	18.1
4 11	12 18.81	+ 2 30.6	1.286	2.259	8.1	18.4
4 21	12 9.34	+ 1 46.7	1.340	2.268	12.7	18.7
5 1	12 2.63	+ 0 51.7	1.415	2.277	16.7	18.9

413249 2003 SS_{311} 3 29.5 190.°24 0.°1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.43	− 6 48.5	2.084	2.872	14.0	23.1
3 2	12 54.84	− 6 14.3	1.992	2.871	11.0	22.9
3 12	12 48.14	− 5 25.8	1.922	2.869	7.3	22.6
3 22	12 39.88	− 4 26.3	1.879	2.867	3.2	22.4
4 1	12 30.85	− 3 21.0	1.865	2.864	1.1	22.2
4 11	12 22.03	− 2 16.7	1.881	2.859	5.3	22.5
4 21	12 14.30	− 1 19.5	1.924	2.855	9.3	22.7
5 1	12 8.35	− 0 34.3	1.992	2.849	12.8	22.9

343646 2010 JN_{72} 3 29.5 132.°61 4.°7/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.37	+ 8 20.3	2.229	3.055	12.0	20.8
3 2	12 51.50	+ 9 23.7	2.155	3.057	9.2	20.6
3 12	12 45.79	+10 29.7	2.107	3.058	6.5	20.4
3 22	12 38.79	+11 32.1	2.085	3.060	4.7	20.3
4 1	12 31.23	+12 24.4	2.092	3.061	5.5	20.4
4 11	12 23.92	+13 1.4	2.126	3.063	8.0	20.5
4 21	12 17.62	+13 20.3	2.186	3.064	10.8	20.7
5 1	12 12.89	+13 20.3	2.268	3.065	13.4	20.9

213621 2002 QH_{49} 3 29.5 162.°64 3.°7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.35	+ 4 26.5	2.189	3.003	12.6	21.2
3 2	12 54.55	+ 5 31.2	2.113	3.010	9.6	21.0
3 12	12 47.80	+ 6 41.7	2.063	3.016	6.4	20.9
3 22	12 39.67	+ 7 51.9	2.040	3.022	3.9	20.7
4 1	12 30.94	+ 8 54.9	2.046	3.026	4.5	20.8
4 11	12 22.52	+ 9 45.0	2.082	3.030	7.4	20.9
4 21	12 15.17	+10 18.3	2.144	3.033	10.5	21.1
5 1	12 9.52	+10 33.3	2.229	3.036	13.3	21.3

405531 2005 EK_{168} 3 29.5 88.°58 0.°8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.75	− 6 51.8	1.611	2.418	16.6	21.3
3 2	12 53.84	− 5 45.0	1.548	2.439	12.8	21.1
3 12	12 47.54	− 4 19.9	1.507	2.460	8.3	20.9
3 22	12 39.58	− 2 43.0	1.491	2.480	3.5	20.7
4 1	12 30.99	− 1 3.3	1.503	2.500	1.8	20.6
4 11	12 22.91	+ 0 29.3	1.543	2.520	6.5	20.9
4 21	12 16.28	+ 1 46.8	1.609	2.539	10.8	21.2
5 1	12 11.78	+ 2 44.3	1.698	2.558	14.5	21.5

162069 1997 TC_3 3 29.5 87.°95 0.°5/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.95	− 7 22.1	2.142	2.933	13.6	20.6
3 2	12 52.05	− 7 4.3	2.058	2.938	10.6	20.4
3 12	12 46.22	− 6 33.4	1.996	2.943	7.2	20.2
3 22	12 39.00	− 5 52.4	1.961	2.948	3.3	19.9
4 1	12 31.16	− 5 5.6	1.954	2.953	0.9	19.8
4 11	12 23.55	− 4 18.3	1.976	2.957	4.8	20.0
4 21	12 16.98	− 3 35.8	2.025	2.962	8.5	20.3
5 1	12 12.05	− 3 2.5	2.099	2.967	11.8	20.5

210175 2006 UL_{13} 3 29.5 251.°13 0.°3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.76	− 5 10.2	2.557	3.348	11.6	21.3
3 2	12 50.93	− 4 40.7	2.452	3.335	9.0	21.1
3 12	12 45.42	− 4 0.6	2.372	3.321	6.0	20.9
3 22	12 38.66	− 3 12.6	2.318	3.307	2.6	20.6
4 1	12 31.26	− 2 20.8	2.295	3.293	1.1	20.5
4 11	12 23.96	− 1 30.1	2.301	3.278	4.6	20.7
4 21	12 17.43	− 0 45.2	2.335	3.263	8.0	20.9
5 1	12 12.27	− 0 10.0	2.394	3.248	11.0	21.0

381830 2009 VM_{116} 3 29.5 140.°77 6.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.69	+14 45.6	2.398	3.217	11.4	21.7
3 2	12 53.85	+15 59.4	2.339	3.228	9.1	21.6
3 12	12 47.22	+17 10.6	2.304	3.239	7.1	21.5
3 22	12 39.38	+18 12.5	2.297	3.249	6.2	21.4
4 1	12 31.05	+18 59.1	2.319	3.259	7.1	21.5
4 11	12 23.06	+19 26.3	2.368	3.268	9.1	21.7
4 21	12 16.12	+19 32.7	2.441	3.277	11.3	21.8
5 1	12 10.76	+19 19.1	2.536	3.285	13.4	22.0

268480 2005 XN_{63} 3 29.5 66.°51 1.°3/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.75	− 2 13.6	1.812	2.625	14.8	20.9
3 2	12 53.76	− 1 46.1	1.733	2.628	11.4	20.7
3 12	12 47.52	− 1 7.5	1.676	2.632	7.5	20.5
3 22	12 39.61	− 0 22.2	1.645	2.635	3.2	20.2
4 1	12 30.96	+ 0 23.9	1.642	2.638	2.1	20.1
4 11	12 22.61	+ 1 4.3	1.666	2.641	6.3	20.4
4 21	12 15.50	+ 1 33.9	1.716	2.644	10.4	20.6
5 1	12 10.35	+ 1 49.3	1.789	2.648	13.9	20.9

115981 2003 WT_{58} 3 29.5 2.°76 4.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.85	+ 5 1.1	1.486	2.322	16.4	19.7
3 2	12 55.88	+ 5 44.1	1.414	2.321	12.6	19.4
3 12	12 49.16	+ 6 33.5	1.363	2.321	8.5	19.2
3 22	12 40.40	+ 7 21.8	1.337	2.321	5.0	19.0
4 1	12 30.71	+ 8 0.7	1.337	2.322	5.5	19.0
4 11	12 21.42	+ 8 23.1	1.362	2.322	9.3	19.2
4 21	12 13.69	+ 8 25.2	1.412	2.323	13.4	19.5
5 1	12 8.36	+ 8 5.9	1.482	2.324	17.1	19.7

439290 2012 UB_{140} 3 29.5 74.°53 4.°4/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.42	−19 49.5	2.245	2.977	14.8	21.5
3 2	12 51.63	−19 54.5	2.162	2.990	12.3	21.3
3 12	12 45.94	−19 39.9	2.100	3.003	9.4	21.1
3 22	12 38.88	−19 5.9	2.062	3.017	6.5	21.0
4 1	12 31.22	−18 14.8	2.051	3.030	4.6	20.9
4 11	12 23.83	−17 11.5	2.068	3.043	5.2	20.9
4 21	12 17.48	−16 2.5	2.112	3.057	7.7	21.1
5 1	12 12.79	−14 54.4	2.182	3.070	10.6	21.3

377907 2006 DL_{167} 3 29.5 147.°06 1.°3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.19	− 1 38.1	2.240	3.042	12.7	21.4
3 2	12 53.63	− 1 9.0	2.159	3.048	9.8	21.2
3 12	12 47.19	− 0 31.3	2.101	3.054	6.4	21.0
3 22	12 39.41	+ 0 11.3	2.071	3.060	2.7	20.8
4 1	12 31.05	+ 0 53.9	2.070	3.065	2.0	20.7
4 11	12 22.94	+ 1 31.4	2.098	3.070	5.5	21.0
4 21	12 15.87	+ 1 59.7	2.154	3.075	8.9	21.2
5 1	12 10.41	+ 2 15.9	2.234	3.079	12.0	21.4

39098 2000 WR_{12} 3 29.5 129.°52 1.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.04	− 1 52.7	2.160	2.968	12.9	20.0
3 2	12 52.02	− 0 51.6	2.085	2.979	9.9	19.8
3 12	12 46.13	+ 0 20.2	2.034	2.989	6.4	19.6
3 22	12 38.95	+ 1 37.1	2.010	2.999	2.9	19.4
4 1	12 31.21	+ 2 52.9	2.016	3.008	2.6	19.4
4 11	12 23.76	+ 4 0.7	2.050	3.018	6.0	19.6
4 21	12 17.36	+ 4 55.6	2.112	3.026	9.5	19.9
5 1	12 12.58	+ 5 34.2	2.198	3.035	12.5	20.1

496883 2000 SF_{369} 3 29.5 132.°09 7.°0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.79	−33 21.8	3.272	3.870	12.7	22.3
3 2	12 55.38	−34 9.1	3.180	3.885	11.4	22.2
3 12	12 48.25	−34 38.6	3.107	3.900	9.9	22.1
3 22	12 39.88	−34 48.3	3.057	3.914	8.4	22.0
4 1	12 30.89	−34 37.3	3.032	3.928	7.4	21.9
4 11	12 22.05	−34 7.4	3.034	3.941	7.1	21.9
4 21	12 14.04	−33 22.0	3.064	3.954	7.7	22.0
5 1	12 7.46	−32 26.3	3.119	3.967	8.9	22.1

192768 1999 TB_{320} 3 29.5 221.°08 3.°3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.64	−16 31.9	2.401	3.143	13.7	20.8
3 2	12 52.58	−16 26.7	2.295	3.135	11.2	20.6
3 12	12 46.61	−16 4.1	2.210	3.127	8.4	20.4
3 22	12 39.22	−15 24.6	2.151	3.118	5.3	20.2
4 1	12 31.10	−14 30.6	2.120	3.108	3.3	20.0
4 11	12 23.08	−13 26.7	2.118	3.098	4.7	20.1
4 21	12 15.96	−12 18.9	2.145	3.088	7.7	20.3
5 1	12 10.40	−11 13.4	2.197	3.077	10.8	20.4

261884 2006 HQ_{10} 3 29.5 330.°26 2.°7/27.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.35	− 2 21.9	1.276	2.119	18.1	21.1
3 2	12 51.37	− 1 21.8	1.197	2.109	14.0	20.8
3 12	12 46.50	− 0 2.6	1.138	2.100	9.1	20.5
3 22	12 39.35	+ 1 28.4	1.102	2.092	4.1	20.2
4 1	12 31.05	+ 3 0.3	1.090	2.084	3.8	20.1
4 11	12 23.02	+ 4 21.0	1.103	2.077	8.9	20.4
4 21	12 16.56	+ 5 21.0	1.139	2.071	14.1	20.7
5 1	12 12.62	+ 5 54.9	1.194	2.065	18.6	20.9

240014 2001 TF_{154} 3 29.5 125.°18 3.°2/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.81	+ 6 6.2	2.590	3.402	10.9	20.8
3 2	12 53.01	+ 6 44.8	2.520	3.414	8.3	20.7
3 12	12 46.61	+ 7 25.9	2.474	3.426	5.6	20.5
3 22	12 39.11	+ 8 5.0	2.457	3.437	3.5	20.4
4 1	12 31.17	+ 8 37.6	2.469	3.449	3.9	20.4
4 11	12 23.52	+ 8 59.9	2.510	3.459	6.3	20.6
4 21	12 16.79	+ 9 9.6	2.579	3.470	8.9	20.8
5 1	12 11.48	+ 9 5.7	2.672	3.480	11.3	20.9

4861 Nemirovskij 3 29.5 233.°34 1.°5/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.16	− 0 59.7	2.597	3.397	11.2	18.3
3 2	12 51.95	− 0 21.5	2.495	3.384	8.6	18.1
3 12	12 46.08	+ 0 25.0	2.418	3.371	5.6	17.9
3 22	12 38.95	+ 1 16.1	2.369	3.357	2.5	17.7
4 1	12 31.20	+ 2 7.2	2.350	3.343	2.1	17.6
4 11	12 23.56	+ 2 53.5	2.360	3.329	5.3	17.8
4 21	12 16.70	+ 3 30.8	2.399	3.314	8.5	18.0
5 1	12 11.21	+ 3 56.1	2.463	3.298	11.3	18.1

466358 2013 RV_{60} 3 29.5 262.°46 4.°7/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.23	−18 1.1	1.903	2.654	16.5	21.1
3 2	12 53.60	−18 16.9	1.803	2.645	13.7	20.9
3 12	12 47.60	−18 11.8	1.723	2.637	10.5	20.7
3 22	12 39.75	−17 45.0	1.666	2.628	7.1	20.4
4 1	12 30.92	−16 58.1	1.635	2.619	4.8	20.3
4 11	12 22.20	−15 56.3	1.631	2.610	6.0	20.3
4 21	12 14.62	−14 46.7	1.654	2.601	9.3	20.5
5 1	12 9.02	−13 37.8	1.701	2.592	12.9	20.7

359825 2011 UT_{305} 3 29.5 135.°52 1.°3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.22	− 3 42.1	1.594	2.408	16.4	21.6
3 2	12 55.20	− 2 58.8	1.518	2.414	12.7	21.4
3 12	12 48.61	− 2 0.4	1.464	2.420	8.3	21.1
3 22	12 40.14	− 0 52.5	1.436	2.425	3.5	20.8
4 1	12 30.82	+ 0 17.3	1.434	2.431	2.3	20.8
4 11	12 21.89	+ 1 20.4	1.460	2.435	7.0	21.1
4 21	12 14.40	+ 2 9.9	1.511	2.440	11.5	21.3
5 1	12 9.14	+ 2 41.3	1.584	2.444	15.3	21.6

275674 2000 QH_{168} 3 29.5 240.°38 3.°3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.00	−14 53.8	2.224	2.975	14.4	21.2
3 2	12 54.62	−15 3.4	2.114	2.961	11.8	21.0
3 12	12 48.10	−14 56.7	2.026	2.947	8.7	20.8
3 22	12 39.94	−14 33.5	1.963	2.933	5.5	20.5
4 1	12 30.86	−13 55.7	1.928	2.918	3.3	20.4
4 11	12 21.83	−13 7.7	1.922	2.902	5.1	20.5
4 21	12 13.75	−12 15.0	1.944	2.886	8.4	20.6
5 1	12 7.39	−11 24.1	1.991	2.870	11.8	20.8

200302 2000 CW_{78} 3 29.5 95.°00 2.°0/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.29	−11 33.0	2.132	2.904	14.3	20.5
3 2	12 53.09	−11 28.6	2.050	2.915	11.4	20.3
3 12	12 46.91	−11 9.0	1.991	2.926	8.0	20.1
3 22	12 39.32	−10 35.7	1.958	2.937	4.4	19.9
4 1	12 31.11	− 9 52.4	1.952	2.948	2.0	19.7
4 11	12 23.17	− 9 4.2	1.976	2.959	4.6	19.9
4 21	12 16.32	− 8 16.7	2.026	2.969	8.1	20.2
5 1	12 11.18	− 7 35.3	2.102	2.980	11.4	20.4

254633 2005 JV_{67} 3 29.5 280.°43 2.°3/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.24	+ 0 31.1	1.630	2.451	15.8	20.4
3 2	12 56.08	+ 0 53.8	1.544	2.445	12.2	20.1
3 12	12 49.29	+ 1 26.0	1.481	2.438	8.1	19.9
3 22	12 40.49	+ 2 2.6	1.442	2.431	3.7	19.6
4 1	12 30.70	+ 2 37.4	1.431	2.425	3.2	19.5
4 11	12 21.16	+ 3 3.5	1.447	2.418	7.5	19.8
4 21	12 13.00	+ 3 16.2	1.487	2.412	11.9	20.0
5 1	12 7.09	+ 3 12.5	1.550	2.406	15.8	20.2

109474 2001 QH_{219} 3 29.5 164.°91 0.°9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.60	− 3 7.6	2.221	3.017	13.0	20.3
3 2	12 54.76	− 2 40.2	2.136	3.022	10.1	20.1
3 12	12 47.97	− 2 2.9	2.075	3.026	6.6	19.9
3 22	12 39.78	− 1 19.3	2.041	3.030	2.8	19.6
4 1	12 30.96	− 0 34.1	2.036	3.033	1.6	19.6
4 11	12 22.38	+ 0 7.4	2.061	3.036	5.3	19.8
4 21	12 14.86	+ 0 40.6	2.114	3.038	8.9	20.0
5 1	12 9.01	+ 1 2.3	2.192	3.040	12.1	20.2

370433 2002 VP_{59} 3 29.5 82.°40 5.°5/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.30	+11 42.0	2.144	2.969	12.4	20.5
3 2	12 53.75	+12 34.4	2.080	2.977	9.7	20.3
3 12	12 47.27	+13 25.9	2.040	2.985	7.1	20.1
3 22	12 39.44	+14 10.1	2.026	2.993	5.6	20.1
4 1	12 31.08	+14 41.1	2.040	3.001	6.4	20.1
4 11	12 23.08	+14 54.7	2.082	3.009	8.7	20.3
4 21	12 16.21	+14 49.3	2.148	3.017	11.4	20.5
5 1	12 11.06	+14 25.2	2.237	3.025	13.8	20.6

271875 2004 TO_{343} 3 29.5 183.°59 3.°8/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.56	+ 6 49.4	2.375	3.188	11.7	21.1
3 2	12 54.60	+ 7 32.7	2.294	3.189	9.0	20.9
3 12	12 47.80	+ 8 18.9	2.237	3.189	6.2	20.7
3 22	12 39.69	+ 9 2.8	2.209	3.188	4.0	20.6
4 1	12 30.99	+ 9 39.1	2.210	3.187	4.5	20.6
4 11	12 22.54	+10 3.3	2.239	3.185	7.1	20.8
4 21	12 15.07	+10 12.8	2.296	3.183	10.0	21.0
5 1	12 9.19	+10 6.5	2.376	3.181	12.6	21.1

303316 2004 TB_{62} 3 29.5 215.°58 1.°3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.20	− 3 19.4	1.771	2.578	15.4	21.7
3 2	12 55.87	− 2 41.0	1.680	2.572	11.9	21.5
3 12	12 49.07	− 1 48.7	1.611	2.565	7.8	21.2
3 22	12 40.38	− 0 47.2	1.567	2.557	3.4	20.9
4 1	12 30.74	+ 0 17.0	1.552	2.549	2.2	20.8
4 11	12 21.30	+ 1 16.1	1.565	2.540	6.7	21.1
4 21	12 13.11	+ 2 3.4	1.604	2.530	11.1	21.3
5 1	12 7.02	+ 2 34.3	1.666	2.520	15.0	21.5

330088 2005 WL_{90} 3 29.5 135.°95 4.°9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.78	+10 42.9	2.328	3.141	11.9	21.7
3 2	12 56.20	+11 34.0	2.263	3.155	9.3	21.6
3 12	12 48.77	+12 24.6	2.224	3.169	6.7	21.4
3 22	12 40.07	+13 9.1	2.213	3.182	5.0	21.4
4 1	12 30.89	+13 41.8	2.230	3.194	5.7	21.4
4 11	12 22.09	+13 58.8	2.277	3.206	8.0	21.6
4 21	12 14.41	+13 58.5	2.349	3.217	10.6	21.8
5 1	12 8.41	+13 41.0	2.445	3.227	13.0	21.9

335728 2007 DX_{32} 3 29.5 340.°80 0.°2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.14	− 4 21.5	1.389	2.218	17.7	20.5
3 2	12 52.62	− 4 20.8	1.303	2.206	13.9	20.2
3 12	12 47.27	− 4 5.5	1.238	2.195	9.3	19.9
3 22	12 39.70	− 3 38.8	1.195	2.185	4.1	19.6
4 1	12 30.96	− 3 6.3	1.177	2.176	1.4	19.3
4 11	12 22.41	− 2 35.3	1.184	2.168	6.9	19.7
4 21	12 15.33	− 2 12.6	1.215	2.161	12.1	19.9
5 1	12 10.69	− 2 3.4	1.267	2.155	16.6	20.2

138612 2000 QM_{194} 3 29.5 195.°65 3.°3/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.66	−17 46.4	2.710	3.441	12.5	20.5
3 2	12 50.79	−17 39.9	2.608	3.439	10.3	20.3
3 12	12 45.30	−17 17.4	2.528	3.437	7.8	20.1
3 22	12 38.61	−16 39.3	2.473	3.435	5.1	20.0
4 1	12 31.35	−15 47.8	2.447	3.432	3.3	19.8
4 11	12 24.23	−14 47.2	2.451	3.429	4.3	19.9
4 21	12 17.90	−13 42.5	2.483	3.426	6.8	20.1
5 1	12 12.92	−12 39.1	2.542	3.422	9.5	20.2

413193 2002 VL_{105} 3 29.5 60.°05 3.°3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.01	−14 5.9	1.531	2.313	18.5	20.4
3 2	12 55.03	−14 6.2	1.469	2.336	14.9	20.2
3 12	12 48.45	−13 44.0	1.426	2.359	10.7	20.0
3 22	12 40.04	−13 1.1	1.406	2.383	6.2	19.8
4 1	12 30.91	−12 2.4	1.412	2.406	3.3	19.7
4 11	12 22.33	−10 55.8	1.445	2.430	5.8	19.9
4 21	12 15.34	− 9 50.0	1.504	2.453	9.9	20.2
5 1	12 10.66	− 8 52.6	1.586	2.477	13.6	20.5

24064 1999 TK_{119} 3 29.5 272.°31 0.°4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.30	− 8 10.2	1.360	2.176	18.7	19.6
3 2	12 54.41	− 7 39.7	1.273	2.167	14.8	19.3
3 12	12 48.53	− 6 46.6	1.205	2.157	10.0	19.0
3 22	12 40.28	− 5 34.5	1.159	2.148	4.6	18.7
4 1	12 30.78	− 4 10.7	1.139	2.138	1.3	18.4
4 11	12 21.48	− 2 46.1	1.145	2.128	7.1	18.8
4 21	12 13.71	− 1 31.3	1.175	2.119	12.6	19.0
5 1	12 8.53	− 0 34.6	1.226	2.109	17.4	19.3

114688 2003 FK_{81} 3 29.5 303.°05 1.°2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.74	− 7 23.1	1.702	2.504	16.1	19.4
3 2	12 54.31	− 7 28.5	1.595	2.481	12.9	19.1
3 12	12 48.29	− 7 19.3	1.510	2.458	8.9	18.8
3 22	12 40.16	− 6 57.1	1.449	2.435	4.3	18.5
4 1	12 30.81	− 6 25.3	1.414	2.413	1.4	18.3
4 11	12 21.43	− 5 49.8	1.407	2.390	6.0	18.5
4 21	12 13.20	− 5 17.0	1.424	2.368	10.8	18.7
5 1	12 7.11	− 4 52.9	1.465	2.347	15.1	18.9

116253 2003 YV_{25} 3 29.5 23.°57 8.°6/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.01	+18 42.2	1.902	2.734	13.4	19.1
3 2	12 53.11	+20 5.4	1.846	2.737	11.1	18.9
3 12	12 47.02	+21 22.5	1.813	2.740	9.2	18.8
3 22	12 39.39	+22 24.6	1.806	2.744	8.6	18.8
4 1	12 31.13	+23 4.2	1.824	2.748	9.7	18.8
4 11	12 23.29	+23 17.0	1.866	2.752	11.9	19.0
4 21	12 16.72	+23 2.5	1.931	2.757	14.3	19.1
5 1	12 12.08	+22 22.8	2.014	2.762	16.5	19.3

290323 2005 SO_{211} 3 29.5 45.°89 0.°6/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.33	− 7 56.2	1.720	2.522	16.0	21.2
3 2	12 52.85	− 7 32.8	1.639	2.525	12.5	20.9
3 12	12 47.02	− 6 52.6	1.579	2.528	8.4	20.7
3 22	12 39.46	− 5 58.9	1.545	2.532	3.9	20.4
4 1	12 31.10	− 4 57.5	1.537	2.536	1.1	20.2
4 11	12 23.03	− 3 55.8	1.557	2.539	5.7	20.5
4 21	12 16.24	− 3 0.9	1.602	2.543	10.0	20.8
5 1	12 11.48	− 2 18.6	1.671	2.547	13.9	21.0

124406 2001 QO_{206} 3 29.5 144.°10 1.°1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.95	− 4 11.8	1.734	2.539	15.7	21.3
3 2	12 56.30	− 3 27.2	1.659	2.549	12.1	21.1
3 12	12 49.22	− 2 28.3	1.606	2.559	7.9	20.8
3 22	12 40.40	− 1 20.2	1.579	2.568	3.4	20.6
4 1	12 30.82	− 0 9.9	1.579	2.576	2.0	20.5
4 11	12 21.62	+ 0 54.4	1.609	2.584	6.5	20.8
4 21	12 13.81	+ 1 46.3	1.664	2.591	10.8	21.1
5 1	12 8.13	+ 2 21.5	1.743	2.597	14.4	21.3

301712 2010 GZ_{71} 3 29.5 59.°99 0.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.58	− 2 8.8	2.259	3.048	13.0	19.9
3 2	12 57.77	− 2 29.8	2.175	3.055	10.1	19.7
3 12	12 49.94	− 2 44.5	2.115	3.063	6.7	19.5
3 22	12 40.66	− 2 54.7	2.083	3.071	2.9	19.2
4 1	12 30.74	− 3 2.8	2.081	3.079	1.0	19.1
4 11	12 21.09	− 3 11.7	2.108	3.087	4.9	19.4
4 21	12 12.56	− 3 24.1	2.165	3.095	8.5	19.6
5 1	12 5.77	− 3 42.0	2.247	3.103	11.6	19.8

34280 Victoradler 3 29.5 167.°43 0.°5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.78	− 5 4.9	2.050	2.849	13.8	19.3
3 2	12 52.80	− 4 28.2	1.964	2.852	10.7	19.1
3 12	12 46.80	− 3 38.6	1.902	2.853	7.0	18.9
3 22	12 39.33	− 2 39.9	1.866	2.855	3.0	18.6
4 1	12 31.17	− 1 37.8	1.859	2.856	1.4	18.5
4 11	12 23.25	− 0 38.8	1.880	2.858	5.5	18.8
4 21	12 16.41	+ 0 11.6	1.929	2.858	9.3	19.0
5 1	12 11.30	+ 0 48.8	2.001	2.859	12.7	19.2

431589 2007 VJ_{114} 3 29.5 207.°38 1.°5/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.40	− 1 1.1	2.423	3.228	11.8	21.6
3 2	12 51.44	− 0 23.4	2.334	3.226	9.0	21.4
3 12	12 45.76	+ 0 22.6	2.269	3.223	5.9	21.2
3 22	12 38.83	+ 1 13.1	2.231	3.220	2.6	21.0
4 1	12 31.33	+ 2 3.1	2.223	3.217	2.2	20.9
4 11	12 24.00	+ 2 47.7	2.244	3.213	5.4	21.1
4 21	12 17.55	+ 3 22.6	2.292	3.210	8.7	21.3
5 1	12 12.54	+ 3 45.1	2.365	3.206	11.6	21.5

177841 2005 ND_{80} 3 29.5 169.°18 0.°3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.05	− 3 44.8	2.655	3.444	11.3	20.6
3 2	12 52.52	− 3 31.2	2.565	3.447	8.7	20.4
3 12	12 46.38	− 3 9.4	2.500	3.449	5.8	20.2
3 22	12 39.08	− 2 42.1	2.462	3.450	2.5	20.0
4 1	12 31.25	− 2 12.6	2.454	3.452	1.0	19.9
4 11	12 23.61	− 1 44.8	2.476	3.453	4.4	20.1
4 21	12 16.80	− 1 22.2	2.526	3.454	7.5	20.3
5 1	12 11.34	− 1 7.5	2.602	3.455	10.3	20.5

375839 2009 UO_{130} 3 29.6 200.°01 5.°5/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.37	+13 32.1	2.568	3.378	11.0	22.1
3 2	12 55.91	+14 28.4	2.487	3.374	8.8	21.9
3 12	12 48.65	+15 23.4	2.431	3.368	6.6	21.8
3 22	12 40.09	+16 11.2	2.404	3.362	5.5	21.7
4 1	12 30.94	+16 46.3	2.405	3.355	6.3	21.7
4 11	12 22.02	+17 4.8	2.436	3.348	8.3	21.8
4 21	12 14.05	+17 4.7	2.492	3.339	10.8	22.0
5 1	12 7.62	+16 46.4	2.571	3.330	13.0	22.1

3716 Petzval 3 29.6 281.°75 1.°4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.38	− 3 31.1	1.655	2.472	15.9	17.5
3 2	12 54.07	− 2 53.0	1.551	2.449	12.4	17.2
3 12	12 48.15	− 1 59.0	1.469	2.425	8.2	16.9
3 22	12 40.12	− 0 53.3	1.412	2.401	3.6	16.6
4 1	12 30.88	+ 0 17.0	1.381	2.377	2.3	16.4
4 11	12 21.65	+ 1 23.3	1.377	2.353	7.2	16.7
4 21	12 13.60	+ 2 17.4	1.399	2.329	12.1	16.9
5 1	12 7.72	+ 2 53.6	1.442	2.305	16.4	17.1

57541 2001 TV_{18} 3 29.6 309.°26 9.°8/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.12	+18 6.7	1.616	2.455	15.1	18.0
3 2	12 54.55	+19 39.5	1.547	2.444	12.5	17.8
3 12	12 48.31	+21 7.8	1.501	2.433	10.4	17.7
3 22	12 40.09	+22 20.7	1.479	2.422	9.8	17.6
4 1	12 30.94	+23 8.1	1.481	2.411	11.1	17.7
4 11	12 22.12	+23 23.6	1.507	2.400	13.7	17.8
4 21	12 14.75	+23 6.0	1.553	2.390	16.6	17.9
5 1	12 9.67	+22 17.7	1.618	2.381	19.3	18.1

62924 2000 VU_{13} 3 29.6 98.°58 0.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.80	− 5 56.4	2.463	3.255	12.0	19.5
3 2	12 50.14	− 5 22.1	2.379	3.262	9.3	19.4
3 12	12 44.86	− 4 36.7	2.320	3.269	6.1	19.2
3 22	12 38.43	− 3 43.4	2.287	3.276	2.7	19.0
4 1	12 31.49	− 2 46.7	2.284	3.282	1.0	18.8
4 11	12 24.78	− 1 51.8	2.310	3.289	4.5	19.1
4 21	12 18.93	− 1 3.4	2.365	3.296	7.8	19.3
5 1	12 14.47	− 0 25.1	2.444	3.302	10.7	19.5

390878 2004 TQ_{263} 3 29.6 154.°55 1.°5/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.25	−11 7.6	2.382	3.150	13.1	22.2
3 2	12 52.89	−10 48.3	2.293	3.157	10.4	22.1
3 12	12 46.72	−10 14.7	2.227	3.163	7.2	21.9
3 22	12 39.27	− 9 28.6	2.188	3.169	3.8	21.7
4 1	12 31.22	− 8 33.8	2.178	3.175	1.5	21.5
4 11	12 23.40	− 7 35.6	2.197	3.180	4.3	21.7
4 21	12 16.53	− 6 39.4	2.245	3.184	7.7	21.9
5 1	12 11.20	− 5 50.0	2.319	3.188	10.7	22.1

497857 2006 UB_{122} 3 29.6 154.°77 1.°1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.33	− 1 49.7	2.645	3.444	11.1	22.3
3 2	12 51.19	− 1 17.3	2.560	3.448	8.5	22.1
3 12	12 45.50	− 0 37.0	2.500	3.452	5.5	21.9
3 22	12 38.70	+ 0 7.5	2.467	3.456	2.4	21.7
4 1	12 31.41	+ 0 52.2	2.465	3.460	1.7	21.7
4 11	12 24.32	+ 1 32.6	2.492	3.463	4.8	21.9
4 21	12 18.06	+ 2 5.0	2.547	3.467	7.8	22.1
5 1	12 13.12	+ 2 26.9	2.627	3.470	10.5	22.3

45179 1999 XQ_{144} 3 29.6 268.°78 9.°0/ 6.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.58	−26 59.7	1.755	2.459	19.2	18.5
3 2	12 55.13	−27 52.7	1.659	2.453	16.9	18.2
3 12	12 48.91	−28 19.8	1.579	2.447	14.2	18.0
3 22	12 40.46	−28 16.6	1.520	2.441	11.4	17.8
4 1	12 30.79	−27 41.3	1.485	2.435	9.3	17.7
4 11	12 21.21	−26 37.3	1.474	2.429	9.2	17.7
4 21	12 12.98	−25 12.2	1.487	2.422	11.1	17.8
5 1	12 7.11	−23 37.0	1.524	2.416	14.0	17.9

83915 2001 VF_7 3 29.6 261.°36 2.°4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.69	−14 15.8	2.363	3.123	13.4	19.7
3 2	12 50.30	−13 57.2	2.261	3.116	10.8	19.5
3 12	12 45.12	−13 21.7	2.181	3.109	7.8	19.3
3 22	12 38.61	−12 30.6	2.127	3.102	4.6	19.1
4 1	12 31.43	−11 27.3	2.101	3.095	2.4	18.9
4 11	12 24.39	−10 17.0	2.104	3.087	4.4	19.0
4 21	12 18.22	− 9 6.0	2.135	3.080	7.7	19.2
5 1	12 13.54	− 8 0.2	2.192	3.072	10.8	19.4

506263 2016 QU_{47} 3 29.6 297.°33 1.°1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.68	− 6 33.4	2.248	3.032	13.3	20.4
3 2	12 55.03	− 6 51.4	2.145	3.020	10.5	20.2
3 12	12 48.33	− 6 59.8	2.065	3.008	7.2	20.0
3 22	12 40.05	− 6 59.9	2.012	2.997	3.5	19.7
4 1	12 30.96	− 6 53.9	1.987	2.985	1.2	19.5
4 11	12 21.94	− 6 45.1	1.992	2.974	4.7	19.8
4 21	12 13.87	− 6 37.5	2.024	2.962	8.4	20.0
5 1	12 7.46	− 6 34.4	2.082	2.951	11.8	20.2

402948 2007 TT_{362} 3 29.6 2.°85 5.°1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.94	+ 6 1.1	1.415	2.254	16.8	20.3
3 2	12 56.10	+ 6 46.2	1.345	2.254	13.0	20.1
3 12	12 49.41	+ 7 36.9	1.296	2.254	8.9	19.8
3 22	12 40.59	+ 8 25.2	1.271	2.254	5.5	19.6
4 1	12 30.80	+ 9 2.1	1.272	2.255	6.1	19.7
4 11	12 21.45	+ 9 20.5	1.297	2.255	9.9	19.9
4 21	12 13.73	+ 9 16.9	1.346	2.257	14.0	20.1
5 1	12 8.50	+ 8 50.8	1.416	2.258	17.8	20.4

261157 2005 TU_{91} 3 29.6 207.°17 1.°3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.17	−11 37.9	2.688	3.454	11.8	21.0
3 2	12 49.62	−11 7.8	2.589	3.452	9.4	20.8
3 12	12 44.53	−10 23.8	2.513	3.449	6.5	20.6
3 22	12 38.31	− 9 27.9	2.465	3.445	3.4	20.4
4 1	12 31.56	− 8 23.8	2.445	3.442	1.4	20.2
4 11	12 24.96	− 7 16.3	2.456	3.438	3.9	20.4
4 21	12 19.13	− 6 10.7	2.495	3.435	7.0	20.6
5 1	12 14.58	− 5 11.7	2.560	3.431	9.8	20.8

241484 2009 BC_{92} 3 29.6 261.°73 3.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.20	+ 3 18.8	2.361	3.179	11.6	21.0
3 2	12 50.66	+ 4 23.9	2.265	3.164	8.9	20.8
3 12	12 45.35	+ 5 36.4	2.194	3.149	5.9	20.6
3 22	12 38.72	+ 6 51.1	2.151	3.134	3.5	20.4
4 1	12 31.42	+ 8 1.3	2.137	3.119	4.1	20.4
4 11	12 24.24	+ 9 1.1	2.151	3.103	6.9	20.5
4 21	12 17.90	+ 9 46.0	2.192	3.087	10.1	20.7
5 1	12 13.02	+10 13.2	2.257	3.071	12.9	20.9

246808 2009 FC_{44} 3 29.6 100.°93 2.°4/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.19	+ 1 20.8	2.416	3.227	11.6	20.9
3 2	12 51.16	+ 2 12.7	2.346	3.242	8.8	20.7
3 12	12 45.49	+ 3 11.1	2.301	3.256	5.7	20.5
3 22	12 38.70	+ 4 11.3	2.283	3.270	2.9	20.4
4 1	12 31.46	+ 5 7.8	2.295	3.284	3.0	20.4
4 11	12 24.50	+ 5 55.6	2.337	3.298	5.9	20.6
4 21	12 18.47	+ 6 31.0	2.405	3.311	8.8	20.8
5 1	12 13.88	+ 6 52.1	2.497	3.324	11.5	21.0

520052 2013 VE_{30} 3 29.6 71.°64 1.°5/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.29	−10 17.9	1.965	2.750	14.9	21.4
3 2	12 52.54	−10 5.2	1.882	2.756	11.8	21.2
3 12	12 46.70	− 9 36.5	1.821	2.762	8.2	21.0
3 22	12 39.32	− 8 53.9	1.785	2.768	4.2	20.7
4 1	12 31.25	− 8 1.8	1.777	2.774	1.6	20.6
4 11	12 23.44	− 7 6.2	1.796	2.780	4.9	20.8
4 21	12 16.77	− 6 13.4	1.843	2.786	8.8	21.1
5 1	12 11.90	− 5 29.1	1.914	2.792	12.3	21.3

245999 2006 SA_{319} 3 29.6 273.°93 1.°0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.97	− 4 11.5	2.282	3.086	12.5	20.8
3 2	12 49.75	− 3 18.8	2.187	3.078	9.6	20.6
3 12	12 44.76	− 2 13.6	2.116	3.070	6.3	20.3
3 22	12 38.46	− 1 0.2	2.072	3.062	2.7	20.1
4 1	12 31.53	+ 0 15.7	2.057	3.053	1.8	20.0
4 11	12 24.74	+ 1 27.6	2.072	3.045	5.4	20.2
4 21	12 18.84	+ 2 29.8	2.113	3.037	8.9	20.4
5 1	12 14.41	+ 3 18.0	2.179	3.029	12.1	20.6

118137 3813 T_{-3} 3 29.6 212.°92 0.°3/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.81	− 5 19.4	2.108	2.901	13.7	21.4
3 2	12 54.42	− 4 54.0	2.013	2.896	10.7	21.2
3 12	12 47.94	− 4 16.1	1.940	2.889	7.1	21.0
3 22	12 39.89	− 3 28.9	1.894	2.882	3.1	20.7
4 1	12 31.06	− 2 37.2	1.877	2.875	1.2	20.5
4 11	12 22.40	− 1 47.0	1.889	2.867	5.3	20.8
4 21	12 14.77	− 1 3.6	1.928	2.859	9.3	21.0
5 1	12 8.88	− 0 31.5	1.992	2.850	12.7	21.2

289257 2004 XQ_{99} 3 29.6 74.°23 0.°5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.21	− 7 17.7	1.460	2.268	18.0	20.8
3 2	12 56.10	− 6 59.4	1.395	2.285	14.1	20.6
3 12	12 49.27	− 6 23.5	1.350	2.301	9.4	20.4
3 22	12 40.48	− 5 33.8	1.329	2.317	4.3	20.1
4 1	12 30.90	− 4 36.9	1.335	2.333	1.2	19.9
4 11	12 21.85	− 3 41.1	1.367	2.350	6.3	20.3
4 21	12 14.43	− 2 53.8	1.424	2.366	11.0	20.6
5 1	12 9.41	− 2 20.7	1.504	2.382	15.0	20.9

7840 Hendrika 3 29.6 152.°98 3.°1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.60	−15 33.9	1.727	2.495	17.3	19.2
3 2	12 54.69	−15 10.8	1.642	2.501	14.0	19.0
3 12	12 48.31	−14 23.9	1.577	2.506	10.2	18.7
3 22	12 40.10	−13 14.7	1.536	2.511	6.0	18.5
4 1	12 31.02	−11 48.2	1.522	2.516	3.1	18.3
4 11	12 22.26	−10 12.9	1.536	2.520	5.5	18.5
4 21	12 14.85	− 8 38.5	1.577	2.524	9.7	18.7
5 1	12 9.58	− 7 13.7	1.642	2.527	13.6	19.0

453362 2009 BO_{11} 3 29.6 84.°37 2.°8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.91	−13 50.9	1.505	2.288	18.7	21.7
3 2	12 55.84	−13 35.8	1.439	2.308	15.0	21.5
3 12	12 49.07	−12 57.0	1.392	2.328	10.7	21.3
3 22	12 40.40	−11 57.0	1.369	2.347	6.0	21.1
4 1	12 30.95	−10 41.4	1.371	2.367	2.8	21.0
4 11	12 22.03	− 9 19.5	1.401	2.386	5.8	21.2
4 21	12 14.73	− 8 0.9	1.457	2.405	10.2	21.5
5 1	12 9.82	− 6 53.6	1.535	2.423	14.2	21.8

294324 2007 VQ_{57} 3 29.6 300.°33 1.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.19	−10 34.0	2.153	2.937	13.8	20.7
3 2	12 50.06	−10 0.6	2.058	2.932	10.9	20.5
3 12	12 45.03	− 9 10.4	1.985	2.927	7.5	20.3
3 22	12 38.61	− 8 6.3	1.938	2.922	3.8	20.0
4 1	12 31.50	− 6 52.8	1.920	2.918	1.2	19.8
4 11	12 24.57	− 5 36.7	1.930	2.913	4.7	20.1
4 21	12 18.58	− 4 24.5	1.967	2.908	8.4	20.3
5 1	12 14.19	− 3 22.2	2.029	2.904	11.8	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
386247	2008 AS_{134}		3 29.6	79.°92	4.°5/ 3.7	17
	h m	° ′			°	m
2 21	12 59.72	−19 26.8	2.434	3.153	14.1	21.3
3 2	12 54.74	−19 53.1	2.359	3.178	11.7	21.2
3 12	12 47.92	−20 2.4	2.306	3.203	9.0	21.0
3 22	12 39.80	−19 54.3	2.278	3.228	6.4	20.9
4 1	12 31.15	−19 30.4	2.277	3.252	4.6	20.8
4 11	12 22.80	−18 54.3	2.305	3.276	5.2	20.9
4 21	12 15.51	−18 11.0	2.361	3.300	7.4	21.1
5 1	12 9.84	−17 26.1	2.444	3.323	9.9	21.3
341699	2007 VE_{154}		3 29.6	141.°86	1.°6/27.6	18
2 21	12 56.25	− 0 10.6	2.733	3.532	10.7	21.7
3 2	12 51.82	+ 0 26.9	2.653	3.542	8.2	21.5
3 12	12 45.87	+ 1 10.8	2.599	3.552	5.3	21.4
3 22	12 38.89	+ 1 57.6	2.573	3.562	2.4	21.2
4 1	12 31.46	+ 2 42.9	2.578	3.571	2.2	21.2
4 11	12 24.25	+ 3 22.6	2.612	3.579	4.9	21.4
4 21	12 17.87	+ 3 53.3	2.675	3.587	7.8	21.6
5 1	12 12.80	+ 4 12.7	2.763	3.595	10.3	21.7
335528	2006 AN_{31}		3 29.6	5.°71	8.°0/ 5.8	17
2 21	12 58.52	−24 37.8	1.831	2.545	18.2	20.3
3 2	12 54.85	−25 34.6	1.740	2.545	15.8	20.1
3 12	12 48.60	−26 8.1	1.668	2.546	13.0	19.9
3 22	12 40.31	−26 15.0	1.618	2.546	10.2	19.7
4 1	12 30.96	−25 54.3	1.591	2.547	8.3	19.6
4 11	12 21.76	−25 9.1	1.590	2.548	8.3	19.6
4 21	12 13.85	−24 6.5	1.613	2.549	10.3	19.7
5 1	12 8.14	−22 55.4	1.660	2.551	13.1	19.9
109372	2001 QS_{160}		3 29.6	111.°64	1.°0/30.6	18
2 21	12 58.86	− 8 56.9	1.880	2.668	15.3	20.1
3 2	12 54.56	− 8 39.7	1.802	2.679	12.1	19.9
3 12	12 48.05	− 8 6.7	1.746	2.690	8.2	19.7
3 22	12 39.94	− 7 20.8	1.716	2.701	4.0	19.5
4 1	12 31.12	− 6 26.7	1.713	2.712	1.2	19.3
4 11	12 22.65	− 5 31.1	1.739	2.722	5.2	19.6
4 21	12 15.41	− 4 40.2	1.792	2.732	9.2	19.9
5 1	12 10.11	− 3 59.4	1.868	2.741	12.8	20.1
154814	2004 QM_2		3 29.6	274.°12	2.°2/27.1	17
2 21	12 53.93	− 3 5.1	1.915	2.730	14.1	20.4
3 2	12 50.95	− 1 45.1	1.814	2.712	10.8	20.1
3 12	12 45.83	− 0 8.4	1.737	2.694	7.1	19.9
3 22	12 39.04	+ 1 39.2	1.687	2.676	3.2	19.6
4 1	12 31.38	+ 3 29.1	1.665	2.657	3.2	19.5
4 11	12 23.81	+ 5 11.7	1.672	2.639	7.2	19.7
4 21	12 17.26	+ 6 38.7	1.705	2.620	11.3	19.9
5 1	12 12.48	+ 7 44.5	1.761	2.601	14.9	20.1
107693	2001 FE_{15}		3 29.6	288.°44	0.°3/29.8	17 R
2 21	12 57.41	− 6 39.3	1.618	2.426	16.5	19.7
3 2	12 54.16	− 6 22.9	1.517	2.407	13.1	19.4
3 12	12 48.26	− 5 49.6	1.437	2.388	8.9	19.1
3 22	12 40.22	− 5 2.1	1.381	2.369	4.1	18.7
4 1	12 30.99	− 4 5.8	1.351	2.350	1.2	18.5
4 11	12 21.80	− 3 8.4	1.349	2.331	6.4	18.8
4 21	12 13.84	− 2 17.6	1.371	2.312	11.4	19.0
5 1	12 8.10	− 1 40.2	1.416	2.293	15.8	19.2
217855	2001 QO_{80}		3 29.6	189.°73	2.°3/ 1.3	18
2 21	12 58.89	−13 51.1	2.621	3.366	12.6	21.9
3 2	12 54.10	−13 38.4	2.518	3.365	10.2	21.7
3 12	12 47.54	−13 10.9	2.439	3.363	7.3	21.5
3 22	12 39.69	−12 29.8	2.386	3.360	4.3	21.3
4 1	12 31.21	−11 37.7	2.363	3.356	2.3	21.2
4 11	12 22.86	−10 39.3	2.370	3.351	4.1	21.3
4 21	12 15.38	− 9 39.7	2.407	3.346	7.2	21.5
5 1	12 9.35	− 8 44.2	2.470	3.340	10.2	21.6
185323	2006 VD_6		3 29.6	69.°42	4.°8/ 4.9	18
2 21	12 53.45	−22 42.3	2.391	3.105	14.4	20.4
3 2	12 50.11	−22 33.8	2.301	3.114	12.2	20.2
3 12	12 44.97	−22 4.2	2.232	3.123	9.6	20.0
3 22	12 38.56	−21 13.8	2.186	3.132	6.9	19.9
4 1	12 31.58	−20 4.8	2.167	3.141	5.0	19.8
4 11	12 24.83	−18 42.5	2.177	3.150	5.2	19.8
4 21	12 19.04	−17 13.6	2.214	3.159	7.4	20.0
5 1	12 14.78	−15 45.2	2.278	3.168	10.1	20.1
135695	2002 PK		3 29.6	296.°24	4.°8/ 2.3	17
2 21	12 58.59	−15 46.9	1.590	2.363	18.3	19.7
3 2	12 55.18	−16 16.5	1.495	2.353	15.2	19.5
3 12	12 48.98	−16 25.0	1.420	2.344	11.4	19.2
3 22	12 40.55	−16 11.1	1.367	2.335	7.5	19.0
4 1	12 30.90	−15 36.1	1.338	2.326	4.9	18.8
4 11	12 21.35	−14 45.3	1.336	2.318	6.6	18.9
4 21	12 13.16	−13 47.0	1.359	2.309	10.6	19.1
5 1	12 7.33	−12 49.9	1.405	2.301	14.7	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
455086	2015 UG_{62}		3 29.6	137.°01	2.°8/27.4	18
	h m	° ′			°	m
2 21	13 2.64	− 0 21.1	1.497	2.318	17.0	22.1
3 2	12 57.98	+ 0 29.6	1.428	2.328	13.1	21.9
3 12	12 50.55	+ 1 32.7	1.380	2.337	8.5	21.6
3 22	12 41.10	+ 2 41.2	1.358	2.346	4.0	21.4
4 1	12 30.78	+ 3 46.5	1.362	2.354	3.7	21.4
4 11	12 20.94	+ 4 39.9	1.393	2.362	8.1	21.7
4 21	12 12.73	+ 5 15.4	1.450	2.369	12.5	21.9
5 1	12 6.96	+ 5 30.1	1.527	2.376	16.4	22.2
186103	2001 TQ_{38}		3 29.6	145.°04	11.°7/14.6	18
2 21	13 12.20	+38 34.2	2.502	3.246	13.1	20.6
3 2	13 4.34	+39 50.9	2.472	3.258	12.2	20.6
3 12	12 54.15	+40 48.2	2.464	3.270	11.7	20.5
3 22	12 42.47	+41 18.8	2.480	3.282	11.9	20.6
4 1	12 30.39	+41 18.1	2.518	3.292	12.6	20.6
4 11	12 19.04	+40 45.6	2.578	3.302	13.6	20.7
4 21	12 9.35	+39 44.3	2.658	3.312	14.8	20.8
5 1	12 1.91	+38 19.0	2.754	3.320	15.8	21.0
362119	2009 CP_{65}		3 29.6	82.°02	0.°9/28.9	18
2 21	13 2.36	− 3 59.2	1.487	2.300	17.5	21.6
3 2	12 57.62	− 3 32.8	1.427	2.321	13.5	21.4
3 12	12 50.19	− 2 52.3	1.389	2.343	8.8	21.2
3 22	12 40.88	− 2 2.7	1.375	2.364	3.7	20.9
4 1	12 30.87	− 1 11.1	1.387	2.385	1.8	20.8
4 11	12 21.47	− 0 25.3	1.427	2.406	6.7	21.2
4 21	12 13.74	+ 0 8.9	1.492	2.426	11.2	21.5
5 1	12 8.42	+ 0 27.4	1.580	2.446	15.1	21.8
104279	2000 EE_{153}		3 29.6	259.°61	0.°2/29.7	18
2 21	12 55.33	− 6 36.1	2.158	2.953	13.4	19.4
3 2	12 51.69	− 6 10.2	2.065	2.948	10.5	19.2
3 12	12 46.12	− 5 31.1	1.995	2.943	7.0	19.0
3 22	12 39.11	− 4 42.0	1.951	2.939	3.1	18.7
4 1	12 31.41	− 3 47.5	1.935	2.934	0.9	18.5
4 11	12 23.89	− 2 53.4	1.949	2.929	5.0	18.8
4 21	12 17.33	− 2 5.2	1.989	2.924	8.8	19.0
5 1	12 12.39	− 1 27.5	2.054	2.919	12.1	19.2
331488	1998 YT_{33}		3 29.6	348.°56	3.°9/ 1.6	17
2 21	12 54.70	−13 30.2	1.418	2.216	19.0	20.5
3 2	12 52.32	−13 49.5	1.333	2.210	15.5	20.2
3 12	12 47.13	−13 46.6	1.267	2.204	11.3	19.9
3 22	12 39.74	−13 21.5	1.223	2.200	6.9	19.7
4 1	12 31.19	−12 37.1	1.202	2.196	3.9	19.5
4 11	12 22.86	−11 40.6	1.207	2.193	6.4	19.6
4 21	12 16.00	−10 40.9	1.236	2.191	11.0	19.8
5 1	12 11.57	− 9 47.1	1.287	2.190	15.3	20.1
278823	2008 SZ_{263}		3 29.6	213.°66	1.°3/28.2	17
2 21	12 56.83	− 2 4.6	2.180	2.985	12.9	21.3
3 2	12 52.79	− 1 30.4	2.090	2.981	10.0	21.1
3 12	12 46.81	− 0 46.3	2.024	2.978	6.5	20.9
3 22	12 39.41	+ 0 3.7	1.985	2.974	2.8	20.7
4 1	12 31.33	+ 0 54.4	1.975	2.970	2.0	20.6
4 11	12 23.44	+ 1 40.2	1.993	2.966	5.7	20.8
4 21	12 16.54	+ 2 16.2	2.039	2.962	9.3	21.0
5 1	12 11.27	+ 2 39.2	2.108	2.957	12.5	21.2
260767	2005 MC_{49}		3 29.6	180.°00	6.°8/ 5.9	18
2 21	13 0.32	−25 58.3	2.304	2.986	15.7	21.2
3 2	12 55.69	−26 29.3	2.204	2.988	13.6	21.1
3 12	12 48.86	−26 38.8	2.124	2.989	11.2	20.9
3 22	12 40.37	−26 24.9	2.067	2.989	8.7	20.7
4 1	12 31.02	−25 47.3	2.036	2.989	7.0	20.6
4 11	12 21.82	−24 49.5	2.032	2.988	7.0	20.6
4 21	12 13.70	−23 37.5	2.055	2.986	8.8	20.7
5 1	12 7.39	−22 19.1	2.104	2.984	11.2	20.9
436696	2011 SF_{256}		3 29.6	204.°13	1.°1/28.1	17
2 21	12 55.48	− 1 19.6	2.940	3.735	10.2	22.3
3 2	12 51.23	− 0 51.2	2.844	3.730	7.8	22.1
3 12	12 45.53	− 0 16.0	2.774	3.726	5.1	21.9
3 22	12 38.78	+ 0 23.0	2.732	3.720	2.2	21.7
4 1	12 31.55	+ 1 2.2	2.720	3.715	1.7	21.6
4 11	12 24.45	+ 1 37.6	2.738	3.709	4.5	21.8
4 21	12 18.05	+ 2 6.0	2.785	3.703	7.3	22.0
5 1	12 12.85	+ 2 24.9	2.858	3.696	9.9	22.2
341706	2007 VU_{173}		3 29.6	132.°30	3.°4/ 2.7	17
2 21	12 56.33	−17 8.4	2.550	3.285	13.1	21.1
3 2	12 52.15	−17 9.1	2.459	3.294	10.8	20.9
3 12	12 46.26	−16 53.7	2.391	3.303	8.1	20.8
3 22	12 39.13	−16 22.8	2.348	3.311	5.3	20.6
4 1	12 31.44	−15 38.6	2.333	3.319	3.4	20.5
4 11	12 23.95	−14 45.4	2.348	3.327	4.4	20.6
4 21	12 17.36	−13 48.3	2.391	3.334	7.1	20.7
5 1	12 12.22	−12 52.8	2.460	3.341	9.8	20.9

182636 2001 UJ_{151} 3 29.6 212.°75 5.°0/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.11	+ 8 54.4	2.063	2.884	13.0	20.3
3 2	12 55.42	+ 9 49.3	1.982	2.880	10.1	20.1
3 12	12 48.60	+10 46.6	1.925	2.874	7.1	19.9
3 22	12 40.21	+11 39.7	1.894	2.869	5.1	19.8
4 1	12 31.09	+12 21.8	1.892	2.863	5.9	19.8
4 11	12 22.23	+12 47.5	1.918	2.856	8.6	20.0
4 21	12 14.49	+12 54.0	1.969	2.849	11.7	20.2
5 1	12 8.57	+12 40.7	2.042	2.842	14.6	20.3

59507 1999 JW_{12} 3 29.6 186.°72 0.°5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.37	− 7 11.6	2.188	2.979	13.3	19.5
3 2	12 51.66	− 6 8.1	2.096	2.979	10.3	19.3
3 12	12 46.06	− 4 49.0	2.029	2.978	6.8	19.1
3 22	12 39.09	− 3 18.5	1.989	2.977	2.9	18.9
4 1	12 31.47	− 1 43.2	1.978	2.976	1.3	18.7
4 11	12 24.05	− 0 10.6	1.997	2.974	5.3	19.0
4 21	12 17.61	+ 1 12.3	2.045	2.972	9.0	19.2
5 1	12 12.77	+ 2 20.3	2.117	2.969	12.3	19.4

358991 2008 SS_{255} 3 29.6 113.°26 3.°5/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.79	+ 2 13.2	1.539	2.363	16.5	21.6
3 2	12 57.96	+ 3 0.9	1.474	2.376	12.6	21.4
3 12	12 50.45	+ 3 57.2	1.432	2.389	8.3	21.1
3 22	12 41.05	+ 4 55.2	1.415	2.401	4.3	20.9
4 1	12 30.87	+ 5 46.7	1.425	2.414	4.4	21.0
4 11	12 21.22	+ 6 24.2	1.461	2.425	8.3	21.2
4 21	12 13.18	+ 6 43.4	1.523	2.437	12.5	21.5
5 1	12 7.51	+ 6 42.7	1.606	2.448	16.1	21.7

412117 2013 GB_{21} 3 29.6 253.°42 1.°3/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.33	− 3 50.8	1.708	2.519	15.7	21.7
3 2	12 54.66	− 3 7.2	1.611	2.505	12.2	21.5
3 12	12 48.47	− 2 7.9	1.536	2.490	8.1	21.2
3 22	12 40.30	− 0 57.3	1.486	2.475	3.5	20.9
4 1	12 31.07	+ 0 17.2	1.463	2.460	2.3	20.7
4 11	12 21.95	+ 1 27.1	1.468	2.444	7.0	21.0
4 21	12 14.04	+ 2 24.7	1.499	2.427	11.6	21.2
5 1	12 8.24	+ 3 4.4	1.552	2.411	15.7	21.4

278308 2007 HZ_{12} 3 29.6 290.°03 1.°6/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.22	− 4 30.1	1.828	2.643	14.6	20.5
3 2	12 50.50	− 3 20.5	1.730	2.628	11.3	20.3
3 12	12 45.59	− 1 53.3	1.656	2.612	7.4	20.0
3 22	12 38.99	− 0 13.8	1.607	2.597	3.2	19.7
4 1	12 31.50	+ 1 29.7	1.586	2.581	2.5	19.6
4 11	12 24.13	+ 3 7.7	1.593	2.565	6.8	19.9
4 21	12 17.83	+ 4 31.6	1.626	2.550	11.1	20.1
5 1	12 13.36	+ 5 35.5	1.682	2.535	14.9	20.3

126819 2002 ET_{52} 3 29.6 219.°12 1.°2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.86	− 2 46.0	2.118	2.922	13.3	20.2
3 2	12 52.90	− 2 7.9	2.027	2.918	10.2	20.0
3 12	12 46.94	− 1 18.7	1.959	2.913	6.7	19.8
3 22	12 39.51	− 0 22.5	1.918	2.907	2.9	19.5
4 1	12 31.35	+ 0 35.1	1.906	2.902	2.0	19.5
4 11	12 23.39	+ 1 27.9	1.923	2.896	5.8	19.7
4 21	12 16.43	+ 2 10.8	1.966	2.890	9.5	19.9
5 1	12 11.14	+ 2 39.9	2.034	2.884	12.8	20.1

61183 2000 NB_{26} 3 29.6 186.°14 2.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.81	− 1 41.6	1.855	2.664	14.7	20.3
3 2	12 55.42	− 0 48.2	1.770	2.664	11.3	20.1
3 12	12 48.72	+ 0 17.5	1.709	2.664	7.4	19.8
3 22	12 40.32	+ 1 30.1	1.674	2.663	3.3	19.6
4 1	12 31.10	+ 2 42.4	1.668	2.661	2.9	19.5
4 11	12 22.14	+ 3 46.4	1.689	2.659	6.9	19.8
4 21	12 14.41	+ 4 36.2	1.738	2.656	10.9	20.0
5 1	12 8.65	+ 5 8.1	1.809	2.652	14.5	20.2

54430 2000 LZ_{29} 3 29.6 181.°57 5.°6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.92	−23 7.2	2.183	2.892	15.8	18.9
3 2	12 53.86	−23 15.4	2.085	2.893	13.4	18.7
3 12	12 47.66	−23 1.3	2.006	2.893	10.7	18.5
3 22	12 39.85	−22 23.7	1.951	2.893	7.8	18.3
4 1	12 31.24	−21 24.1	1.923	2.893	5.8	18.2
4 11	12 22.82	−20 7.4	1.922	2.892	6.1	18.2
4 21	12 15.48	−18 40.7	1.949	2.890	8.5	18.3
5 1	12 9.95	−17 12.3	2.001	2.889	11.4	18.5

14797 1977 XZ_{2} 3 29.6 258.°11 0.°3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.94	− 6 34.7	2.253	3.044	13.0	18.2
3 2	12 52.12	− 6 15.8	2.155	3.036	10.2	18.0
3 12	12 46.41	− 5 44.7	2.081	3.028	6.9	17.8
3 22	12 39.27	− 5 4.0	2.032	3.020	3.1	17.6
4 1	12 31.43	− 4 17.8	2.013	3.011	0.9	17.4
4 11	12 23.73	− 3 31.4	2.022	3.003	4.8	17.6
4 21	12 16.94	− 2 49.8	2.059	2.994	8.5	17.8
5 1	12 11.72	− 2 17.3	2.121	2.986	11.8	18.0

463281 2012 HN_{14} 3 29.6 274.°11 4.°2/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.02	+ 2 34.7	1.830	2.659	14.0	20.8
3 2	12 51.92	+ 4 1.2	1.735	2.641	10.8	20.6
3 12	12 46.55	+ 5 40.1	1.664	2.622	7.2	20.3
3 22	12 39.43	+ 7 23.6	1.620	2.603	4.4	20.1
4 1	12 31.37	+ 9 2.4	1.603	2.585	5.3	20.1
4 11	12 23.42	+10 26.8	1.614	2.565	8.9	20.3
4 21	12 16.54	+11 30.1	1.650	2.546	12.7	20.5
5 1	12 11.55	+12 8.6	1.707	2.527	16.2	20.6

166846 2002 VL_{127} 3 29.6 77.°45 3.°1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 6.84	+ 6 29.6	2.245	3.045	12.8	19.8
3 2	13 0.06	+ 6 32.4	2.182	3.070	9.8	19.7
3 12	12 51.32	+ 6 36.1	2.145	3.094	6.5	19.5
3 22	12 41.30	+ 6 37.0	2.135	3.118	3.6	19.4
4 1	12 30.85	+ 6 31.4	2.156	3.142	3.6	19.4
4 11	12 20.90	+ 6 16.7	2.208	3.166	6.4	19.6
4 21	12 12.24	+ 5 51.6	2.287	3.189	9.4	19.8
5 1	12 5.42	+ 5 16.1	2.392	3.212	12.1	20.1

15658 1265 $T\text{-}_{2}$ 3 29.6 43.°26 0.°3/29.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.74	− 7 9.4	1.486	2.300	17.5	18.6
3 2	12 53.47	− 6 45.6	1.417	2.310	13.6	18.4
3 12	12 47.61	− 6 4.0	1.368	2.321	9.1	18.1
3 22	12 39.86	− 5 8.6	1.343	2.332	4.1	17.9
4 1	12 31.28	− 4 6.4	1.344	2.343	1.2	17.7
4 11	12 23.14	− 3 5.7	1.372	2.355	6.2	18.0
4 21	12 16.49	− 2 14.2	1.424	2.367	10.9	18.3
5 1	12 12.11	− 1 37.5	1.499	2.379	14.9	18.6

20329 Manfro 3 29.6 72.°76 2.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.78	+ 0 58.7	1.519	2.345	16.6	18.3
3 2	12 56.58	+ 1 29.9	1.447	2.349	12.7	18.1
3 12	12 49.67	+ 2 10.7	1.396	2.354	8.4	17.9
3 22	12 40.77	+ 2 55.3	1.370	2.359	4.0	17.6
4 1	12 30.99	+ 3 36.2	1.371	2.363	3.6	17.6
4 11	12 21.62	+ 4 6.3	1.398	2.368	7.9	17.9
4 21	12 13.79	+ 4 20.9	1.449	2.373	12.3	18.1
5 1	12 8.31	+ 4 17.5	1.523	2.378	16.1	18.4

500695 2012 VD_{107} 3 29.6 121.°45 0.°2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.93	− 6 43.5	2.820	3.598	11.0	23.1
3 2	12 51.54	− 6 17.6	2.741	3.614	8.5	23.0
3 12	12 45.70	− 5 42.0	2.686	3.630	5.7	22.8
3 22	12 38.86	− 4 59.3	2.659	3.646	2.5	22.6
4 1	12 31.61	− 4 13.1	2.662	3.661	0.7	22.5
4 11	12 24.59	− 3 27.6	2.696	3.675	3.9	22.7
4 21	12 18.38	− 2 46.5	2.759	3.690	6.8	22.9
5 1	12 13.43	− 2 13.1	2.848	3.703	9.4	23.1

104898 2000 JX_{5} 3 29.6 283.°32 7.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 7.60	+19 12.7	2.410	3.209	12.0	18.9
3 2	13 1.23	+19 57.2	2.301	3.173	10.0	18.7
3 12	12 52.54	+20 36.7	2.217	3.137	8.2	18.5
3 22	12 42.04	+21 4.1	2.161	3.100	7.3	18.4
4 1	12 30.56	+21 13.0	2.133	3.063	8.2	18.3
4 11	12 19.10	+20 59.1	2.133	3.025	10.3	18.4
4 21	12 8.65	+20 21.3	2.159	2.986	12.9	18.5
5 1	12 0.03	+19 21.1	2.207	2.946	15.4	18.6

497066 2003 UL_{102} 3 29.6 206.°19 1.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.81	− 1 25.0	2.803	3.599	10.6	22.5
3 2	12 51.59	− 0 31.4	2.705	3.593	8.1	22.3
3 12	12 45.84	+ 0 30.7	2.633	3.585	5.3	22.1
3 22	12 38.97	+ 1 37.5	2.589	3.577	2.4	21.9
4 1	12 31.57	+ 2 44.3	2.576	3.569	2.2	21.9
4 11	12 24.30	+ 3 45.9	2.593	3.559	5.0	22.0
4 21	12 17.75	+ 4 38.0	2.640	3.549	8.0	22.2
5 1	12 12.47	+ 5 17.7	2.711	3.539	10.6	22.4

298713 2004 FC_{24} 3 29.6 304.°32 0.°6/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 53.11	− 8 40.2	2.072	2.866	13.9	20.6
3 2	12 50.19	− 8 9.9	1.968	2.849	11.0	20.3
3 12	12 45.27	− 7 23.6	1.886	2.833	7.5	20.1
3 22	12 38.84	− 6 23.9	1.831	2.817	3.6	19.8
4 1	12 31.60	− 5 15.6	1.803	2.801	1.0	19.6
4 11	12 24.45	− 4 5.3	1.803	2.785	5.0	19.8
4 21	12 18.24	− 2 59.8	1.830	2.770	9.1	20.0
5 1	12 13.66	− 2 4.9	1.881	2.755	12.7	20.2

309859 2009 DM_{54} 3 29.6 39.°10 1.°8/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.57	− 8 19.4	1.478	2.280	18.1	20.7
3 2	12 57.44	− 8 34.9	1.398	2.282	14.4	20.4
3 12	12 50.42	− 8 34.1	1.338	2.284	10.0	20.2
3 22	12 41.18	− 8 18.2	1.302	2.286	5.1	19.9
4 1	12 30.86	− 7 51.2	1.291	2.289	1.9	19.7
4 11	12 20.86	− 7 19.3	1.307	2.291	6.2	20.0
4 21	12 12.43	− 6 49.5	1.348	2.294	11.1	20.2
5 1	12 6.50	− 6 27.9	1.411	2.297	15.3	20.5

198443 2004 WC_9 3 29.6 72.°71 4.°8/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.37	−18 43.7	1.930	2.673	16.5	19.7
3 2	12 54.27	−19 1.8	1.852	2.689	13.7	19.6
3 12	12 47.93	−18 59.1	1.795	2.705	10.4	19.4
3 22	12 39.96	−18 35.2	1.762	2.720	7.1	19.2
4 1	12 31.27	−17 52.4	1.755	2.736	4.9	19.1
4 11	12 22.92	−16 56.0	1.775	2.752	5.8	19.2
4 21	12 15.83	−15 53.1	1.822	2.768	8.7	19.4
5 1	12 10.68	−14 51.2	1.894	2.783	11.8	19.6

181648 2007 EE_1 3 29.6 208.°70 0.°3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 48.39	− 6 51.1	4.511	5.285	7.2	20.7
3 2	12 45.36	− 6 30.9	4.413	5.284	5.6	20.6
3 12	12 41.47	− 6 4.6	4.340	5.283	3.8	20.5
3 22	12 36.98	− 5 33.7	4.296	5.282	1.7	20.3
4 1	12 32.23	− 5 0.2	4.282	5.281	0.5	20.2
4 11	12 27.56	− 4 26.5	4.300	5.280	2.5	20.4
4 21	12 23.29	− 3 54.7	4.346	5.279	4.5	20.5
5 1	12 19.73	− 3 26.9	4.420	5.278	6.3	20.6

435933 2009 BV_{164} 3 29.6 335.°32 2.°4/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.83	−10 52.9	2.035	2.812	14.7	21.1
3 2	12 53.84	−11 12.1	1.940	2.807	11.8	20.9
3 12	12 47.69	−11 17.4	1.867	2.802	8.4	20.7
3 22	12 39.90	−11 9.4	1.820	2.798	4.8	20.4
4 1	12 31.28	−10 50.4	1.800	2.794	2.4	20.3
4 11	12 22.80	−10 24.6	1.808	2.791	5.0	20.4
4 21	12 15.38	− 9 57.0	1.843	2.787	8.7	20.6
5 1	12 9.76	− 9 32.7	1.902	2.784	12.1	20.8

142986 2002 VP_{89} 3 29.6 69.°92 14.°2/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 21.19	+35 13.0	1.665	2.433	17.8	19.2
3 2	13 11.71	+36 7.7	1.638	2.458	16.0	19.1
3 12	12 59.08	+36 37.2	1.631	2.482	14.7	19.1
3 22	12 44.60	+36 31.4	1.647	2.507	14.2	19.1
4 1	12 29.94	+35 45.4	1.686	2.531	14.8	19.2
4 11	12 16.74	+34 20.9	1.748	2.556	16.1	19.3
4 21	12 6.13	+32 24.9	1.831	2.580	17.7	19.5
5 1	11 58.67	+30 6.4	1.932	2.604	19.3	19.7

186240 2001 XS_{143} 3 29.6 220.°36 1.°1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.90	− 3 12.7	2.215	3.013	13.0	21.2
3 2	12 53.67	− 2 33.4	2.117	3.005	10.0	21.0
3 12	12 47.46	− 1 42.8	2.044	2.996	6.6	20.7
3 22	12 39.77	− 0 44.8	1.997	2.986	2.8	20.5
4 1	12 31.34	+ 0 15.2	1.980	2.976	1.8	20.4
4 11	12 23.06	+ 1 11.3	1.992	2.966	5.6	20.6
4 21	12 15.73	+ 1 58.0	2.032	2.954	9.3	20.8
5 1	12 10.02	+ 2 31.5	2.096	2.943	12.6	21.0

472647 2015 DA_{213} 3 29.6 336.°16 1.°9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.34	− 2 18.6	1.860	2.682	14.1	20.6
3 2	12 49.70	− 1 22.4	1.773	2.675	10.9	20.4
3 12	12 44.98	− 0 12.8	1.709	2.667	7.1	20.1
3 22	12 38.71	+ 1 4.6	1.671	2.661	3.1	19.9
4 1	12 31.68	+ 2 22.6	1.661	2.655	2.8	19.8
4 11	12 24.86	+ 3 33.2	1.677	2.649	6.7	20.0
4 21	12 19.09	+ 4 30.0	1.720	2.644	10.6	20.3
5 1	12 15.09	+ 5 8.6	1.785	2.639	14.1	20.5

10482 Dangrieser 3 29.6 176.°91 3.°2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.18	+ 2 35.3	1.938	2.750	14.1	18.8
3 2	12 57.12	+ 3 25.0	1.857	2.753	10.8	18.6
3 12	12 49.78	+ 4 22.3	1.800	2.755	7.1	18.4
3 22	12 40.79	+ 5 21.4	1.770	2.756	3.8	18.2
4 1	12 31.04	+ 6 15.3	1.769	2.756	4.0	18.2
4 11	12 21.59	+ 6 57.7	1.796	2.756	7.4	18.4
4 21	12 13.37	+ 7 24.2	1.850	2.755	11.1	18.6
5 1	12 7.11	+ 7 32.7	1.927	2.753	14.4	18.8

10562 1993 UB_1 3 29.6 183.°61 0.°2/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 10.31	− 3 23.1	1.902	2.684	15.4	17.4
3 2	13 3.59	− 3 46.9	1.809	2.685	12.1	17.2
3 12	12 54.20	− 4 2.4	1.740	2.685	8.1	16.9
3 22	12 42.80	− 4 11.4	1.697	2.684	3.7	16.6
4 1	12 30.39	− 4 16.4	1.685	2.683	1.1	16.4
4 11	12 18.23	− 4 21.0	1.703	2.682	5.7	16.8
4 21	12 7.44	− 4 28.7	1.749	2.679	10.1	17.0
5 1	11 58.90	− 4 42.5	1.820	2.676	13.8	17.2

381956 2010 EE_{66} 3 29.6 90.°63 1.°2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.88	− 7 51.9	2.130	2.912	14.0	21.2
3 2	12 55.17	− 8 1.0	2.046	2.919	11.0	21.0
3 12	12 48.42	− 7 58.4	1.985	2.926	7.6	20.8
3 22	12 40.17	− 7 45.6	1.949	2.933	3.8	20.5
4 1	12 31.25	− 7 25.5	1.942	2.940	1.3	20.4
4 11	12 22.57	− 7 2.6	1.965	2.947	4.7	20.6
4 21	12 14.98	− 6 41.1	2.014	2.954	8.4	20.9
5 1	12 9.15	− 6 25.2	2.089	2.961	11.7	21.1

483413 1999 VD_{46} 3 29.6 88.°50 2.°8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 21.16	+ 4 3.8	1.175	1.987	21.3	21.0
3 2	13 12.70	+ 3 38.3	1.122	2.015	16.5	20.8
3 12	13 0.39	+ 3 16.4	1.089	2.041	10.9	20.5
3 22	12 45.44	+ 2 53.4	1.080	2.068	5.1	20.3
4 1	12 29.66	+ 2 24.9	1.098	2.093	3.6	20.3
4 11	12 15.10	+ 1 47.8	1.144	2.118	8.8	20.6
4 21	12 3.27	+ 1 1.0	1.216	2.142	13.9	21.0
5 1	11 55.06	+ 0 4.9	1.309	2.165	18.1	21.3

475558 2006 TU_{88} 3 29.6 340.°45 0.°7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.65	− 2 41.6	2.276	3.077	12.6	21.5
3 2	12 52.58	− 2 26.2	2.187	3.076	9.7	21.3
3 12	12 46.66	− 2 2.0	2.123	3.075	6.4	21.1
3 22	12 39.39	− 1 32.1	2.085	3.074	2.7	20.8
4 1	12 31.50	− 1 0.7	2.076	3.073	1.4	20.7
4 11	12 23.80	− 0 32.4	2.096	3.073	5.1	21.0
4 21	12 17.05	− 0 10.9	2.143	3.072	8.6	21.2
5 1	12 11.85	+ 0 0.5	2.215	3.071	11.7	21.4

142172 2002 RK_{39} 3 29.6 234.°10 0.°8/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.96	− 3 48.3	2.031	2.829	14.0	20.5
3 2	12 55.52	− 3 19.1	1.930	2.816	10.9	20.3
3 12	12 48.84	− 2 37.8	1.851	2.803	7.2	20.0
3 22	12 40.45	− 1 47.7	1.799	2.788	3.1	19.7
4 1	12 31.15	− 0 54.1	1.776	2.774	1.6	19.6
4 11	12 21.95	− 0 3.5	1.782	2.758	5.9	19.8
4 21	12 13.79	+ 0 38.5	1.815	2.742	10.0	20.0
5 1	12 7.46	+ 1 7.5	1.872	2.725	13.6	20.2

361995 2008 SQ_{226} 3 29.6 70.°45 4.°5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.23	+ 3 54.1	1.325	2.162	17.9	21.0
3 2	12 57.89	+ 4 42.2	1.268	2.177	13.7	20.8
3 12	12 50.59	+ 5 37.9	1.232	2.191	9.1	20.6
3 22	12 41.18	+ 6 32.8	1.220	2.206	5.1	20.4
4 1	12 30.97	+ 7 17.8	1.233	2.220	5.4	20.4
4 11	12 21.39	+ 7 45.1	1.272	2.235	9.5	20.7
4 21	12 13.65	+ 7 51.0	1.334	2.249	13.7	21.0
5 1	12 8.54	+ 7 35.1	1.416	2.264	17.5	21.2

86345 1999 XE_{84} 3 29.6 115.°52 4.°0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.66	+ 2 7.0	1.464	2.293	16.9	19.8
3 2	12 57.26	+ 3 9.9	1.400	2.305	13.0	19.6
3 12	12 50.11	+ 4 22.9	1.358	2.316	8.5	19.4
3 22	12 40.98	+ 5 37.9	1.341	2.327	4.6	19.2
4 1	12 31.03	+ 6 45.2	1.351	2.338	4.9	19.2
4 11	12 21.61	+ 7 36.3	1.387	2.349	8.9	19.5
4 21	12 13.83	+ 8 6.2	1.447	2.359	13.1	19.7
5 1	12 8.48	+ 8 12.9	1.528	2.368	16.8	20.0

157528 2005 SX_{270} 3 29.6 318.°61 9.°6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 21.43	+16 32.7	0.972	1.807	23.1	19.4
3 2	13 14.76	+16 20.3	0.898	1.797	18.9	19.1
3 12	13 3.01	+15 53.2	0.842	1.788	14.2	18.8
3 22	12 47.09	+14 59.1	0.806	1.779	10.3	18.5
4 1	12 29.05	+13 28.9	0.794	1.770	10.2	18.5
4 11	12 11.71	+11 21.8	0.806	1.763	14.3	18.7
4 21	11 57.45	+ 8 46.7	0.840	1.756	19.6	18.9
5 1	11 47.74	+ 5 54.9	0.893	1.749	24.5	19.2

252787 2002 EN_{143} 3 29.6 307.°06 1.°4/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.23	− 3 18.5	1.371	2.202	17.7	20.5
3 2	12 53.72	− 2 50.5	1.276	2.181	13.9	20.2
3 12	12 48.27	− 2 5.6	1.202	2.160	9.3	19.9
3 22	12 40.40	− 1 8.1	1.150	2.140	4.0	19.5
4 1	12 31.15	− 0 5.7	1.123	2.120	2.5	19.4
4 11	12 21.94	+ 0 52.0	1.121	2.101	8.0	19.6
4 21	12 14.14	+ 1 36.1	1.143	2.081	13.4	19.9
5 1	12 8.87	+ 2 0.5	1.185	2.063	18.2	20.1

57053 2001 MA_{13} 3 29.6 167.°32 5.°2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.83	−20 40.7	2.224	2.941	15.3	19.1
3 2	12 56.05	−21 5.8	2.129	2.945	12.9	18.9
3 12	12 49.11	−21 11.7	2.055	2.949	10.1	18.8
3 22	12 40.54	−20 57.2	2.005	2.952	7.3	18.6
4 1	12 31.15	−20 23.2	1.981	2.955	5.4	18.5
4 11	12 21.94	−19 33.8	1.986	2.957	5.9	18.5
4 21	12 13.81	−18 34.8	2.019	2.958	8.4	18.7
5 1	12 7.50	−17 33.2	2.077	2.959	11.3	18.8

288863 2004 RQ_{225} 3 29.6 246.°87 1.°4/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.62	− 2 54.4	2.038	2.845	13.6	20.8
3 2	12 52.87	− 2 12.2	1.943	2.835	10.5	20.6
3 12	12 47.04	− 1 17.9	1.871	2.825	6.9	20.3
3 22	12 39.63	− 0 15.7	1.825	2.814	3.0	20.1
4 1	12 31.44	+ 0 48.3	1.808	2.803	2.1	20.0
4 11	12 23.38	+ 1 47.5	1.819	2.792	6.1	20.2
4 21	12 16.35	+ 2 36.0	1.857	2.781	10.0	20.4
5 1	12 11.04	+ 3 9.6	1.919	2.770	13.4	20.6

116445 2003 YM_{175} 3 29.6 207.°69 0.°4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.97	− 5 0.1	2.096	2.888	13.8	21.3
3 2	12 55.38	− 4 31.9	2.000	2.882	10.8	21.1
3 12	12 48.66	− 3 51.2	1.927	2.876	7.2	20.8
3 22	12 40.34	− 3 1.4	1.881	2.869	3.1	20.6
4 1	12 31.22	− 2 7.3	1.864	2.862	1.3	20.4
4 11	12 22.25	− 1 15.1	1.876	2.853	5.5	20.7
4 21	12 14.33	− 0 30.5	1.915	2.844	9.4	20.9
5 1	12 8.19	+ 0 2.3	1.980	2.835	12.9	21.1

414891 2010 XO_{12} 3 29.6 78.°53 4.°5/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.17	+ 5 46.9	1.767	2.589	14.8	21.5
3 2	12 56.93	+ 6 47.1	1.720	2.620	11.2	21.4
3 12	12 49.48	+ 7 50.7	1.697	2.651	7.5	21.2
3 22	12 40.56	+ 8 50.5	1.700	2.681	4.7	21.1
4 1	12 31.20	+ 9 39.2	1.731	2.710	5.3	21.2
4 11	12 22.46	+10 11.3	1.790	2.739	8.3	21.4
4 21	12 15.19	+10 24.3	1.874	2.768	11.5	21.7
5 1	12 9.98	+10 18.2	1.980	2.796	14.4	21.9

464457 2016 BJ_{41} 3 29.6 316.°87 5.°0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.37	−12 44.9	1.349	2.146	19.8	20.8
3 2	12 56.45	−13 39.5	1.251	2.127	16.4	20.5
3 12	12 50.30	−14 16.5	1.173	2.108	12.2	20.2
3 22	12 41.40	−14 33.5	1.115	2.090	7.8	19.9
4 1	12 30.82	−14 30.0	1.082	2.072	5.0	19.7
4 11	12 20.14	−14 10.3	1.072	2.056	7.5	19.8
4 21	12 10.94	−13 41.2	1.087	2.040	12.3	20.0
5 1	12 4.52	−13 11.8	1.122	2.024	17.1	20.2

423763 2006 DR_{99} 3 29.6 213.°33 1.°6/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.76	− 9 20.4	2.426	3.192	12.9	21.5
3 2	12 55.75	− 9 27.8	2.323	3.186	10.3	21.3
3 12	12 48.79	− 9 23.7	2.243	3.179	7.2	21.1
3 22	12 40.38	− 9 9.1	2.190	3.171	3.8	20.9
4 1	12 31.21	− 8 46.5	2.167	3.163	1.6	20.7
4 11	12 22.14	− 8 19.5	2.173	3.155	4.4	20.9
4 21	12 13.98	− 7 52.5	2.208	3.146	7.9	21.1
5 1	12 7.39	− 7 29.7	2.269	3.136	11.0	21.2

162049 1996 SZ_7 3 29.6 66.°51 0.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 4.16	− 2 27.1	2.120	2.910	13.7	19.4
3 2	12 58.13	− 2 31.1	2.061	2.943	10.5	19.3
3 12	12 50.14	− 2 27.2	2.026	2.975	6.9	19.1
3 22	12 40.84	− 2 18.1	2.018	3.007	3.0	18.9
4 1	12 31.11	− 2 7.5	2.040	3.038	1.2	18.8
4 11	12 21.89	− 1 59.1	2.092	3.070	5.0	19.2
4 21	12 13.95	− 1 55.9	2.172	3.101	8.5	19.4
5 1	12 7.85	− 2 0.4	2.278	3.132	11.5	19.7

146193 2000 TO_{45} 3 29.6 230.°58 3.°3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.58	+ 5 42.3	2.729	3.542	10.4	20.7
3 2	12 51.48	+ 6 32.2	2.637	3.532	8.0	20.5
3 12	12 45.82	+ 7 26.1	2.570	3.522	5.4	20.3
3 22	12 39.01	+ 8 19.3	2.531	3.511	3.4	20.2
4 1	12 31.65	+ 9 7.0	2.522	3.500	3.9	20.2
4 11	12 24.43	+ 9 44.7	2.542	3.488	6.3	20.3
4 21	12 17.96	+10 9.3	2.589	3.477	9.0	20.5
5 1	12 12.78	+10 19.2	2.660	3.464	11.5	20.6

502372 2015 BH_{241} 3 29.6 348.°93 0.°1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.08	− 6 21.8	1.794	2.599	15.3	21.6
3 2	12 52.68	− 5 58.4	1.709	2.598	11.9	21.4
3 12	12 47.00	− 5 20.2	1.646	2.597	8.0	21.1
3 22	12 39.64	− 4 30.5	1.607	2.595	3.6	20.8
4 1	12 31.46	− 3 34.8	1.596	2.595	1.1	20.6
4 11	12 23.51	− 2 40.1	1.612	2.594	5.7	21.0
4 21	12 16.76	− 1 52.9	1.655	2.593	10.0	21.2
5 1	12 11.94	− 1 18.2	1.720	2.593	13.7	21.4

171446 2007 RL_{142} 3 29.6 177.°56 0.°8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.87	− 3 31.0	1.943	2.740	14.6	20.7
3 2	12 56.93	− 3 6.6	1.856	2.742	11.3	20.5
3 12	12 49.71	− 2 30.6	1.793	2.744	7.4	20.3
3 22	12 40.81	− 1 46.9	1.756	2.745	3.2	20.0
4 1	12 31.10	− 1 0.6	1.748	2.745	1.6	19.9
4 11	12 21.66	− 0 18.1	1.768	2.745	5.9	20.2
4 21	12 13.42	+ 0 15.6	1.816	2.744	9.9	20.4
5 1	12 7.13	+ 0 36.5	1.888	2.742	13.5	20.7

173743 2001 QS_{328} 3 29.6 109.°17 5.°7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.57	+12 29.2	2.361	3.187	11.4	20.1
3 2	12 51.61	+13 47.0	2.300	3.196	8.9	19.9
3 12	12 45.92	+15 4.1	2.263	3.205	6.7	19.8
3 22	12 39.04	+16 13.8	2.255	3.214	5.7	19.8
4 1	12 31.67	+17 9.7	2.274	3.223	6.6	19.8
4 11	12 24.60	+17 47.4	2.320	3.232	8.7	20.0
4 21	12 18.50	+18 4.8	2.392	3.240	11.1	20.1
5 1	12 13.90	+18 2.0	2.484	3.249	13.3	20.3

157908 1999 TO_{156} 3 29.6 205.°51 1.°2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.25	−10 12.9	2.146	2.925	13.9	20.8
3 2	12 52.46	− 9 49.4	2.052	2.923	11.1	20.6
3 12	12 46.70	− 9 10.2	1.980	2.920	7.6	20.4
3 22	12 39.47	− 8 17.5	1.934	2.917	3.9	20.1
4 1	12 31.52	− 7 15.8	1.917	2.914	1.3	19.9
4 11	12 23.75	− 6 11.0	1.928	2.911	4.7	20.2
4 21	12 16.98	− 5 9.4	1.967	2.908	8.5	20.4
5 1	12 11.87	− 4 16.7	2.031	2.904	11.9	20.6

212029 2005 CW_{27} 3 29.6 77.°75 0.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.30	− 8 32.1	1.499	2.309	17.6	20.6
3 2	12 53.11	− 7 29.2	1.431	2.322	13.6	20.4
3 12	12 47.36	− 6 4.6	1.383	2.336	9.0	20.2
3 22	12 39.79	− 4 24.3	1.360	2.349	3.9	19.9
4 1	12 31.45	− 2 37.7	1.364	2.362	1.4	19.7
4 11	12 23.56	− 0 55.9	1.395	2.376	6.5	20.1
4 21	12 17.16	+ 0 31.6	1.452	2.389	11.2	20.4
5 1	12 12.98	+ 1 38.4	1.531	2.402	15.2	20.7

210380 2007 VB_{85} 3 29.6 127.°85 0.°1/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.50	− 4 38.9	2.374	3.163	12.5	20.6
3 2	12 53.88	− 4 29.4	2.289	3.170	9.7	20.4
3 12	12 47.45	− 4 10.5	2.229	3.177	6.4	20.2
3 22	12 39.75	− 3 44.8	2.195	3.183	2.8	20.0
4 1	12 31.46	− 3 16.0	2.191	3.190	0.9	19.9
4 11	12 23.41	− 2 48.2	2.217	3.196	4.6	20.2
4 21	12 16.31	− 2 25.3	2.271	3.202	8.0	20.4
5 1	12 10.76	− 2 10.6	2.349	3.208	11.0	20.6

237874 2002 JM_{106} 3 29.6 288.°11 0.°3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.75	− 4 36.9	1.944	2.741	14.6	20.0
3 2	12 56.34	− 4 44.8	1.837	2.721	11.5	19.7
3 12	12 49.55	− 4 42.4	1.752	2.701	7.8	19.4
3 22	12 40.84	− 4 31.7	1.693	2.680	3.6	19.1
4 1	12 31.07	− 4 16.0	1.662	2.660	1.0	18.9
4 11	12 21.30	− 3 59.9	1.659	2.640	5.6	19.2
4 21	12 12.58	− 3 47.9	1.683	2.620	9.9	19.4
5 1	12 5.79	− 3 44.1	1.731	2.599	13.8	19.6

155523 1999 TJ_{36} 3 29.6 279.°67 5.°3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.23	−21 3.6	2.171	2.895	15.4	19.7
3 2	12 53.64	−21 12.4	2.043	2.864	13.2	19.5
3 12	12 47.80	−21 0.0	1.935	2.833	10.4	19.3
3 22	12 40.10	−20 24.5	1.850	2.801	7.5	19.0
4 1	12 31.29	−19 26.3	1.792	2.769	5.4	18.8
4 11	12 22.36	−18 9.5	1.762	2.737	6.1	18.8
4 21	12 14.31	−16 40.9	1.759	2.703	9.0	18.9
5 1	12 8.02	−15 9.3	1.782	2.670	12.5	19.0

387885 2004 TJ_{67} 3 29.6 210.°50 2.°5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.76	+ 2 24.1	2.781	3.583	10.5	22.4
3 2	12 53.13	+ 3 16.6	2.684	3.574	8.1	22.2
3 12	12 46.90	+ 4 15.3	2.612	3.564	5.3	22.0
3 22	12 39.50	+ 5 15.9	2.569	3.554	2.9	21.8
4 1	12 31.53	+ 6 13.6	2.557	3.542	3.1	21.8
4 11	12 23.68	+ 7 3.5	2.575	3.530	5.7	22.0
4 21	12 16.58	+ 7 41.9	2.621	3.517	8.6	22.1
5 1	12 10.79	+ 8 6.5	2.692	3.504	11.2	22.3

57416 2001 SL_1 3 29.6 127.°99 0.°4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.36	− 7 59.7	2.633	3.412	11.7	20.7
3 2	12 51.28	− 7 29.9	2.550	3.423	9.1	20.5
3 12	12 45.65	− 6 48.5	2.491	3.434	6.1	20.3
3 22	12 38.92	− 5 58.5	2.459	3.445	2.8	20.1
4 1	12 31.73	− 5 3.6	2.457	3.456	0.8	20.0
4 11	12 24.76	− 4 8.7	2.485	3.466	4.0	20.2
4 21	12 18.63	− 3 18.3	2.542	3.476	7.2	20.5
5 1	12 13.83	− 2 36.1	2.624	3.485	9.9	20.7

218033 2002 AB_{15} 3 29.6 239.°85 1.°1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.42	− 1 19.2	2.211	3.006	13.1	19.9
3 2	12 57.24	− 1 9.1	2.107	2.992	10.2	19.7
3 12	12 49.91	− 0 51.1	2.026	2.977	6.7	19.4
3 22	12 40.93	− 0 28.1	1.973	2.961	3.0	19.1
4 1	12 31.07	− 0 4.3	1.949	2.945	1.8	19.0
4 11	12 21.29	+ 0 15.8	1.954	2.928	5.6	19.2
4 21	12 12.49	+ 0 28.3	1.988	2.911	9.5	19.4
5 1	12 5.42	+ 0 30.2	2.046	2.893	12.9	19.6

267386 2001 XD_{240} 3 29.6 116.°58 6.°1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.11	−24 10.4	2.261	2.955	15.7	21.0
3 2	12 56.16	−24 36.6	2.179	2.974	13.4	20.8
3 12	12 49.10	−24 41.8	2.116	2.992	10.7	20.7
3 22	12 40.50	−24 24.4	2.077	3.009	8.1	20.5
4 1	12 31.23	−23 45.6	2.065	3.026	6.3	20.5
4 11	12 22.25	−22 49.3	2.080	3.042	6.4	20.5
4 21	12 14.43	−21 42.0	2.123	3.058	8.3	20.6
5 1	12 8.45	−20 30.9	2.192	3.073	10.8	20.8

368578 2004 PH_{56} 3 29.6 113.°78 4.°6/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.74	−18 45.9	2.185	2.914	15.2	20.8
3 2	12 55.89	−19 8.7	2.103	2.930	12.6	20.6
3 12	12 48.92	−19 13.0	2.041	2.944	9.7	20.4
3 22	12 40.44	−18 58.4	2.004	2.959	6.7	20.3
4 1	12 31.26	−18 26.5	1.994	2.973	4.7	20.2
4 11	12 22.36	−17 41.4	2.012	2.986	5.5	20.2
4 21	12 14.60	−16 49.2	2.058	2.999	8.1	20.4
5 1	12 8.65	−15 56.3	2.130	3.012	11.0	20.6

95631 2002 GR_{37} 3 29.6 130.°10 0.°3/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.57	− 7 5.2	2.055	2.846	14.1	20.7
3 2	12 53.48	− 6 42.6	1.972	2.852	11.0	20.5
3 12	12 47.35	− 6 6.5	1.911	2.858	7.4	20.3
3 22	12 39.75	− 5 19.9	1.877	2.864	3.4	20.1
4 1	12 31.48	− 4 27.7	1.871	2.869	0.9	19.9
4 11	12 23.47	− 3 35.7	1.893	2.874	5.0	20.2
4 21	12 16.55	− 2 49.5	1.943	2.879	8.9	20.4
5 1	12 11.37	− 2 13.8	2.018	2.884	12.2	20.7

374470 2005 XN_{88} 3 29.6 107.°24 0.°1/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.73	− 6 23.8	1.886	2.686	14.8	21.9
3 2	12 53.04	− 5 55.8	1.802	2.688	11.6	21.6
3 12	12 47.18	− 5 13.4	1.740	2.690	7.7	21.4
3 22	12 39.71	− 4 20.0	1.703	2.691	3.4	21.1
4 1	12 31.49	− 3 21.1	1.695	2.693	1.1	21.0
4 11	12 23.52	− 2 23.6	1.714	2.695	5.5	21.3
4 21	12 16.71	− 1 33.7	1.760	2.696	9.6	21.5
5 1	12 11.75	− 0 56.4	1.830	2.698	13.2	21.7

298730 2004 FA_{140} 3 29.6 360.°00 0.°1/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 14.45	+ 1 24.0	1.600	2.397	17.2	18.6
3 2	13 7.32	+ 0 6.0	1.510	2.394	13.5	18.4
3 12	12 56.99	− 1 12.2	1.444	2.393	9.1	18.1
3 22	12 44.16	− 2 30.9	1.404	2.392	4.1	17.8
4 1	12 30.08	− 3 49.5	1.394	2.393	1.3	17.6
4 11	12 16.31	− 5 7.7	1.414	2.394	6.5	17.9
4 21	12 4.26	− 6 24.9	1.463	2.397	11.4	18.2
5 1	11 54.99	− 7 41.6	1.536	2.401	15.5	18.5

156006 2001 RJ_{45} 3 29.6 271.°73 0.°4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.68	− 8 51.5	1.507	2.314	17.6	19.9
3 2	12 53.83	− 8 10.9	1.408	2.297	14.0	19.6
3 12	12 48.21	− 7 7.3	1.330	2.280	9.5	19.3
3 22	12 40.35	− 5 43.7	1.275	2.263	4.4	19.0
4 1	12 31.25	− 4 7.4	1.246	2.245	1.2	18.7
4 11	12 22.22	− 2 28.9	1.244	2.227	6.8	19.0
4 21	12 14.51	− 0 59.3	1.267	2.209	12.1	19.3
5 1	12 9.14	+ 0 12.6	1.312	2.191	16.8	19.5

297670 2001 UO_{81} 3 29.6 182.°44 1.°9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.70	− 1 31.3	1.841	2.647	14.9	21.8
3 2	12 56.93	− 0 48.8	1.756	2.649	11.5	21.5
3 12	12 49.79	+ 0 5.2	1.695	2.649	7.5	21.3
3 22	12 40.88	+ 1 5.8	1.660	2.649	3.4	21.0
4 1	12 31.13	+ 2 6.1	1.653	2.648	2.7	21.0
4 11	12 21.66	+ 2 58.9	1.675	2.646	6.8	21.2
4 21	12 13.46	+ 3 38.6	1.724	2.644	10.9	21.5
5 1	12 7.29	+ 4 1.6	1.795	2.640	14.5	21.7

29569 1998 FA_{23} 3 29.6 355.°39 2.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 52.77	+ 0 22.4	2.137	2.958	12.6	18.0
3 2	12 49.72	+ 1 32.5	2.056	2.957	9.6	17.8
3 12	12 44.84	+ 2 52.4	1.999	2.956	6.3	17.5
3 22	12 38.65	+ 4 16.4	1.969	2.956	3.2	17.3
4 1	12 31.85	+ 5 37.3	1.967	2.955	3.5	17.4
4 11	12 25.26	+ 6 48.2	1.994	2.955	6.7	17.6
4 21	12 19.63	+ 7 43.9	2.048	2.955	10.1	17.8
5 1	12 15.54	+ 8 21.3	2.124	2.955	13.0	18.0

184068 2004 GX_7 3 29.6 289.°70 1.°3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.45	− 9 20.2	1.709	2.506	16.2	20.9
3 2	12 53.32	− 9 6.0	1.608	2.490	13.0	20.7
3 12	12 47.69	− 8 33.5	1.527	2.473	9.0	20.4
3 22	12 40.08	− 7 44.6	1.471	2.456	4.5	20.1
4 1	12 31.37	− 6 44.0	1.441	2.439	1.4	19.8
4 11	12 22.72	− 5 39.0	1.438	2.422	5.8	20.1
4 21	12 15.24	− 4 37.5	1.461	2.405	10.5	20.3
5 1	12 9.83	− 3 46.9	1.507	2.389	14.7	20.5

288636 2004 PU_{27} 3 29.6 221.°89 5.°7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.05	+11 22.1	2.298	3.120	11.8	21.1
3 2	12 53.74	+12 41.0	2.215	3.110	9.3	20.9
3 12	12 47.49	+14 1.6	2.157	3.100	6.9	20.7
3 22	12 39.84	+15 16.8	2.127	3.090	5.7	20.6
4 1	12 31.49	+16 19.4	2.125	3.079	6.7	20.7
4 11	12 23.32	+17 3.9	2.151	3.067	9.1	20.8
4 21	12 16.11	+17 27.2	2.202	3.055	11.8	21.0
5 1	12 10.51	+17 28.8	2.274	3.042	14.2	21.1

242165 2003 FJ_{102} 3 29.6 293.°86 5.°3/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.55	+ 4 47.7	1.393	2.235	16.9	20.4
3 2	12 55.51	+ 5 47.9	1.302	2.213	13.2	20.1
3 12	12 49.46	+ 6 58.7	1.233	2.192	9.1	19.8
3 22	12 40.97	+ 8 11.6	1.186	2.170	5.7	19.5
4 1	12 31.10	+ 9 15.9	1.165	2.149	6.5	19.5
4 11	12 21.31	+10 1.5	1.169	2.127	10.7	19.7
4 21	12 12.98	+10 21.7	1.196	2.106	15.4	19.9
5 1	12 7.20	+10 14.1	1.241	2.085	19.7	20.1

422747 2001 SJ_{203} 3 29.6 212.°82 0.°5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.93	− 4 50.1	2.208	3.000	13.2	22.5
3 2	12 54.50	− 4 20.2	2.111	2.993	10.3	22.3
3 12	12 48.06	− 3 38.4	2.037	2.986	6.8	22.0
3 22	12 40.12	− 2 48.0	1.990	2.978	3.0	21.8
4 1	12 31.42	− 1 53.7	1.972	2.969	1.3	21.6
4 11	12 22.86	− 1 1.5	1.983	2.960	5.3	21.9
4 21	12 15.28	− 0 16.5	2.022	2.950	9.0	22.1
5 1	12 9.36	+ 0 16.9	2.086	2.940	12.4	22.3

86012 1999 JG_{97} 3 29.6 240.°17 1.°6/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.41	− 3 35.9	2.160	2.964	13.1	20.4
3 2	12 51.86	− 2 29.1	2.061	2.952	10.1	20.2
3 12	12 46.35	− 1 8.4	1.985	2.939	6.6	19.9
3 22	12 39.38	+ 0 21.6	1.937	2.926	2.9	19.7
4 1	12 31.65	+ 1 53.8	1.918	2.913	2.4	19.6
4 11	12 24.04	+ 3 20.5	1.929	2.899	6.1	19.8
4 21	12 17.36	+ 4 35.1	1.967	2.885	9.9	20.0
5 1	12 12.28	+ 5 32.8	2.029	2.870	13.2	20.2

247800 2003 SF_{72} 3 29.6 215.°20 1.°6/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.87	−10 49.6	2.193	2.967	13.8	21.1
3 2	12 52.94	−10 37.7	2.097	2.964	11.1	20.9
3 12	12 47.04	−10 10.7	2.023	2.960	7.7	20.6
3 22	12 39.67	− 9 30.4	1.975	2.956	4.1	20.4
4 1	12 31.56	− 8 40.3	1.955	2.952	1.7	20.2
4 11	12 23.62	− 7 45.7	1.964	2.948	4.6	20.4
4 21	12 16.65	− 6 52.5	2.001	2.943	8.3	20.6
5 1	12 11.32	− 6 6.1	2.063	2.939	11.6	20.8

57456 2001 SK_{71} 3 29.6 127.°36 3.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.70	+ 5 27.0	2.582	3.397	10.9	19.7
3 2	12 51.55	+ 6 21.1	2.510	3.407	8.3	19.5
3 12	12 45.84	+ 7 18.7	2.463	3.416	5.6	19.4
3 22	12 39.04	+ 8 15.0	2.445	3.425	3.5	19.3
4 1	12 31.79	+ 9 4.9	2.456	3.434	4.0	19.3
4 11	12 24.78	+ 9 43.8	2.496	3.443	6.4	19.5
4 21	12 18.64	+10 9.0	2.563	3.452	9.0	19.6
5 1	12 13.87	+10 19.1	2.653	3.460	11.4	19.8

286138 2001 TN_{188} 3 29.6 202.°46 0.°3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.60	− 4 19.7	3.099	3.879	10.0	22.0
3 2	12 52.08	− 3 57.4	2.997	3.874	7.8	21.9
3 12	12 46.15	− 3 27.1	2.921	3.868	5.1	21.7
3 22	12 39.19	− 2 51.4	2.874	3.862	2.2	21.5
4 1	12 31.74	− 2 13.3	2.857	3.855	0.9	21.4
4 11	12 24.40	− 1 36.4	2.871	3.847	3.9	21.6
4 21	12 17.73	− 1 4.2	2.914	3.839	6.7	21.7
5 1	12 12.21	− 0 39.3	2.983	3.830	9.3	21.9

505737 2015 BX_{31} 3 29.6 226.°69 6.°8/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.26	+12 2.8	1.996	2.828	12.9	21.0
3 2	12 52.62	+13 43.2	1.923	2.823	10.2	20.8
3 12	12 46.89	+15 25.2	1.875	2.818	7.8	20.7
3 22	12 39.61	+17 0.2	1.854	2.813	6.8	20.6
4 1	12 31.61	+18 19.1	1.860	2.807	8.0	20.7
4 11	12 23.85	+19 15.2	1.892	2.801	10.5	20.8
4 21	12 17.19	+19 45.4	1.948	2.795	13.3	21.0
5 1	12 12.31	+19 49.6	2.024	2.788	15.9	21.1

423480 2005 TK_2 3 29.6 189.°27 0.°5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.56	− 7 23.4	2.317	3.095	13.1	23.1
3 2	12 54.86	− 7 4.8	2.221	3.095	10.3	22.9
3 12	12 48.23	− 6 34.0	2.150	3.093	6.9	22.7
3 22	12 40.18	− 5 53.2	2.105	3.091	3.2	22.5
4 1	12 31.44	− 5 6.4	2.090	3.088	0.9	22.3
4 11	12 22.87	− 4 18.8	2.104	3.085	4.6	22.6
4 21	12 15.26	− 3 35.3	2.147	3.081	8.3	22.8
5 1	12 9.27	− 3 0.4	2.215	3.076	11.5	23.0

346232 2008 AF_{37} 3 29.6 91.°41 1.°7/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.61	−11 5.4	2.459	3.225	12.7	21.6
3 2	12 52.37	−10 57.2	2.379	3.241	10.1	21.5
3 12	12 46.45	−10 35.8	2.323	3.257	7.1	21.3
3 22	12 39.34	−10 3.1	2.293	3.273	3.8	21.1
4 1	12 31.73	− 9 22.2	2.292	3.288	1.7	21.0
4 11	12 24.38	− 8 37.7	2.321	3.304	4.0	21.2
4 21	12 17.96	− 7 54.3	2.378	3.319	7.2	21.4
5 1	12 13.00	− 7 16.2	2.460	3.334	10.1	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
344238	2001 SW_{138}		3 29.6	161.°19	0.°8/30.7	18
	h m	° ′			°	m
2 21	12 56.67	− 8 27.5	2.712	3.483	11.5	21.8
3 2	12 52.32	− 8 13.6	2.620	3.488	9.1	21.6
3 12	12 46.38	− 7 48.8	2.552	3.492	6.2	21.4
3 22	12 39.32	− 7 15.1	2.512	3.496	3.0	21.2
4 1	12 31.73	− 6 35.7	2.502	3.500	0.9	21.1
4 11	12 24.32	− 5 54.7	2.521	3.503	3.9	21.3
4 21	12 17.72	− 5 16.1	2.570	3.506	7.0	21.5
5 1	12 12.44	− 4 43.7	2.644	3.508	9.8	21.7
57117	2001 OU_{93}		3 29.6	146.°04	2.°0/28.1	18
2 21	13 2.93	− 1 10.0	1.609	2.422	16.4	20.0
3 2	12 58.16	− 0 37.3	1.534	2.429	12.6	19.8
3 12	12 50.73	+ 0 6.8	1.481	2.436	8.3	19.6
3 22	12 41.35	+ 0 57.2	1.453	2.442	3.7	19.3
4 1	12 31.11	+ 1 46.7	1.453	2.448	2.8	19.2
4 11	12 21.26	+ 2 28.0	1.480	2.453	7.2	19.5
4 21	12 12.91	+ 2 55.5	1.533	2.458	11.6	19.8
5 1	12 6.87	+ 3 6.2	1.608	2.462	15.4	20.0
299426	2005 YX_{250}		3 29.6	211.°54	3.°8/ 1.9	17
2 21	13 1.20	−15 39.9	1.789	2.548	17.1	21.8
3 2	12 56.92	−15 45.8	1.691	2.542	14.0	21.6
3 12	12 50.04	−15 30.6	1.613	2.536	10.4	21.3
3 22	12 41.13	−14 54.1	1.559	2.529	6.5	21.1
4 1	12 31.14	−13 58.7	1.531	2.522	3.9	20.9
4 11	12 21.28	−12 50.8	1.532	2.514	5.9	21.0
4 21	12 12.69	−11 38.4	1.559	2.505	9.8	21.2
5 1	12 6.27	−10 30.1	1.610	2.495	13.8	21.4
436971	2012 TH_{175}		3 29.6	173.°50	0.°1/29.6	17
2 21	12 56.06	− 6 6.6	2.428	3.216	12.3	22.0
3 2	12 52.04	− 5 37.3	2.338	3.218	9.5	21.8
3 12	12 46.30	− 4 56.6	2.272	3.219	6.3	21.6
3 22	12 39.32	− 4 7.6	2.233	3.220	2.8	21.4
4 1	12 31.75	− 3 14.5	2.223	3.221	0.9	21.2
4 11	12 24.37	− 2 22.5	2.243	3.222	4.5	21.5
4 21	12 17.87	− 1 36.3	2.290	3.222	8.0	21.7
5 1	12 12.82	− 0 59.8	2.363	3.222	11.0	21.9
346163	2007 VZ_{307}		3 29.6	24.°90	0.°3/29.4	17
2 21	12 54.86	− 5 11.6	1.960	2.766	14.1	21.0
3 2	12 51.50	− 4 46.7	1.880	2.770	11.0	20.8
3 12	12 46.12	− 4 9.2	1.823	2.775	7.2	20.6
3 22	12 39.27	− 3 22.7	1.792	2.781	3.2	20.3
4 1	12 31.77	− 2 32.5	1.788	2.787	1.2	20.2
4 11	12 24.53	− 1 44.7	1.813	2.793	5.3	20.5
4 21	12 18.37	− 1 4.5	1.864	2.799	9.2	20.7
5 1	12 13.95	− 0 36.3	1.938	2.806	12.6	20.9
156332	2001 XY_{117}		3 29.7	60.°02	10.°4/19.0	18
2 21	12 59.60	+21 45.0	1.701	2.532	14.8	19.6
3 2	12 55.44	+23 25.8	1.658	2.542	12.5	19.5
3 12	12 48.79	+24 56.4	1.637	2.553	10.8	19.4
3 22	12 40.44	+26 6.5	1.640	2.563	10.5	19.4
4 1	12 31.44	+26 47.6	1.668	2.574	11.7	19.5
4 11	12 23.00	+26 56.0	1.718	2.584	13.7	19.6
4 21	12 16.09	+26 32.4	1.789	2.595	16.0	19.8
5 1	12 11.37	+25 40.6	1.878	2.606	18.1	20.0
379613	2011 CE_{83}		3 29.7	162.°93	4.°6/ 3.6	16 R
2 21	13 1.44	−19 42.4	2.454	3.168	14.1	22.5
3 2	12 56.32	−20 3.3	2.359	3.174	11.8	22.3
3 12	12 49.21	−20 7.0	2.285	3.180	9.2	22.1
3 22	12 40.64	−19 52.8	2.236	3.186	6.5	22.0
4 1	12 31.36	−19 21.8	2.215	3.190	4.7	21.8
4 11	12 22.25	−18 37.6	2.223	3.194	5.3	21.9
4 21	12 14.12	−17 45.4	2.259	3.197	7.7	22.0
5 1	12 7.65	−16 51.3	2.322	3.200	10.4	22.2
412961	2014 QS_{290}		3 29.7	261.°22	5.°7/24.3	17
2 21	13 0.66	+ 6 37.4	1.691	2.519	15.0	21.5
3 2	12 56.67	+ 7 56.7	1.593	2.496	11.8	21.2
3 12	12 50.01	+ 9 25.0	1.519	2.473	8.3	20.9
3 22	12 41.19	+10 53.7	1.471	2.448	5.9	20.7
4 1	12 31.16	+12 12.7	1.449	2.423	6.9	20.7
4 11	12 21.15	+13 12.5	1.455	2.397	10.5	20.9
4 21	12 12.37	+13 47.0	1.484	2.370	14.5	21.0
5 1	12 5.79	+13 54.0	1.533	2.343	18.2	21.2
205728	2002 AQ_{142}		3 29.7	326.°60	4.°9/25.7	17
2 21	12 52.04	+ 1 38.5	1.167	2.025	18.4	19.3
3 2	12 50.82	+ 2 51.3	1.086	2.007	14.2	19.0
3 12	12 46.53	+ 4 21.3	1.024	1.989	9.5	18.7
3 22	12 39.75	+ 5 59.4	0.984	1.972	5.4	18.4
4 1	12 31.60	+ 7 32.3	0.968	1.956	6.3	18.4
4 11	12 23.62	+ 8 46.5	0.975	1.941	11.1	18.6
4 21	12 17.25	+ 9 32.6	1.003	1.927	16.3	18.8
5 1	12 13.56	+ 9 46.5	1.048	1.915	20.9	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
65772	1995 MM_1		3 29.7	34.°92	3.°6/26.1	18
	h m	° ′			°	m
2 21	12 53.06	− 0 29.0	1.478	2.316	16.3	18.9
3 2	12 50.63	+ 1 1.4	1.416	2.327	12.4	18.7
3 12	12 45.76	+ 2 45.9	1.377	2.339	8.0	18.5
3 22	12 39.16	+ 4 35.3	1.363	2.351	4.2	18.3
4 1	12 31.84	+ 6 18.4	1.375	2.364	4.7	18.4
4 11	12 24.95	+ 7 44.9	1.414	2.377	8.7	18.6
4 21	12 19.47	+ 8 48.0	1.476	2.391	12.7	18.9
5 1	12 16.09	+ 9 24.7	1.560	2.405	16.3	19.1
433261	2012 XD_{66}		3 29.7	225.°73	1.°0/28.4	17
2 21	12 54.45	− 3 29.3	2.565	3.362	11.4	21.9
3 2	12 50.77	− 2 43.5	2.468	3.355	8.8	21.7
3 12	12 45.46	− 1 47.5	2.396	3.348	5.8	21.5
3 22	12 38.96	− 0 44.8	2.351	3.340	2.5	21.2
4 1	12 31.88	+ 0 19.7	2.336	3.332	1.6	21.2
4 11	12 24.94	+ 1 20.5	2.350	3.323	4.9	21.4
4 21	12 18.77	+ 2 13.0	2.393	3.315	8.2	21.6
5 1	12 13.95	+ 2 53.5	2.461	3.306	11.0	21.7
381684	2009 BV_{181}		3 29.7	26.°95	9.°9/20.2	18
2 21	12 58.99	+21 44.9	1.754	2.584	14.5	19.8
3 2	12 54.86	+23 0.7	1.709	2.594	12.2	19.7
3 12	12 48.35	+24 6.3	1.686	2.604	10.4	19.6
3 22	12 40.23	+24 52.4	1.687	2.615	9.9	19.6
4 1	12 31.53	+25 12.0	1.713	2.627	10.9	19.6
4 11	12 23.39	+25 2.0	1.761	2.639	12.9	19.8
4 21	12 16.72	+24 23.4	1.831	2.652	15.1	20.0
5 1	12 12.15	+23 19.7	1.920	2.665	17.3	20.2
120995	1998 XQ_{62}		3 29.7	18.°93	17.°9/ 5.4	18
2 21	13 16.28	−27 52.0	1.142	1.859	27.0	17.9
3 2	13 11.29	−31 50.1	1.077	1.865	24.5	17.8
3 12	13 1.35	−35 26.5	1.030	1.873	21.8	17.6
3 22	12 46.83	−38 24.0	1.001	1.883	19.4	17.5
4 1	12 29.31	−40 26.8	0.992	1.894	18.1	17.4
4 11	12 11.50	−41 28.6	1.004	1.906	18.2	17.4
4 21	11 56.23	−41 35.7	1.035	1.919	19.5	17.6
5 1	11 45.59	−41 4.2	1.083	1.934	21.5	17.8
504432	2008 AP_{80}		3 29.7	115.°28	3.°5/ 2.8	17
2 21	12 56.37	−17 6.2	2.557	3.293	13.1	21.8
3 2	12 52.27	−17 13.8	2.467	3.301	10.8	21.6
3 12	12 46.46	−17 5.7	2.398	3.309	8.1	21.5
3 22	12 39.40	−16 42.3	2.355	3.316	5.4	21.3
4 1	12 31.77	−16 5.7	2.339	3.324	3.5	21.2
4 11	12 24.32	−15 19.7	2.353	3.331	4.5	21.3
4 21	12 17.75	−14 29.2	2.395	3.338	7.0	21.4
5 1	12 12.63	−13 39.5	2.463	3.346	9.7	21.6
172312	2002 TO_{284}		3 29.7	141.°32	3.°9/ 3.4	17
2 21	12 56.90	−18 46.0	2.504	3.231	13.5	20.2
3 2	12 52.74	−18 52.2	2.411	3.238	11.2	20.1
3 12	12 46.80	−18 41.3	2.340	3.244	8.6	19.9
3 22	12 39.56	−18 13.5	2.294	3.250	5.9	19.7
4 1	12 31.71	−17 30.6	2.275	3.256	4.0	19.6
4 11	12 24.05	−16 36.9	2.286	3.262	4.8	19.7
4 21	12 17.30	−15 37.6	2.324	3.267	7.2	19.8
5 1	12 12.04	−14 38.4	2.389	3.272	10.0	20.0
253191	2002 XM_{42}		3 29.7	86.°70	5.°1/ 3.5	18
2 21	12 59.83	−19 12.9	1.791	2.535	17.6	20.0
3 2	12 55.64	−19 30.5	1.715	2.551	14.6	19.8
3 12	12 49.01	−19 25.3	1.658	2.567	11.2	19.6
3 22	12 40.60	−18 56.7	1.625	2.583	7.7	19.5
4 1	12 31.40	−18 7.2	1.617	2.598	5.3	19.4
4 11	12 22.57	−17 2.9	1.637	2.614	6.2	19.4
4 21	12 15.11	−15 51.7	1.682	2.629	9.2	19.6
5 1	12 9.78	−14 42.0	1.753	2.644	12.5	19.9
200955	2002 BT_{26}		3 29.7	97.°76	5.°2/25.5	18
2 21	13 1.87	+ 6 4.7	1.490	2.323	16.4	20.2
3 2	12 57.43	+ 7 4.5	1.428	2.333	12.7	20.0
3 12	12 50.27	+ 8 9.6	1.388	2.343	8.6	19.8
3 22	12 41.16	+ 9 11.7	1.372	2.353	5.5	19.6
4 1	12 31.25	+10 1.5	1.383	2.363	6.2	19.7
4 11	12 21.86	+10 32.0	1.420	2.373	9.7	19.9
4 21	12 14.09	+10 39.7	1.481	2.382	13.6	20.1
5 1	12 8.74	+10 24.4	1.562	2.391	17.0	20.4
52235	1979 MW_2		3 29.7	178.°52	0.°5/28.9	18 R
2 21	12 55.25	− 4 30.6	2.686	3.476	11.2	19.6
3 2	12 51.25	− 3 55.1	2.595	3.477	8.6	19.5
3 12	12 45.71	− 3 9.9	2.528	3.478	5.7	19.3
3 22	12 39.05	− 2 18.2	2.490	3.478	2.4	19.1
4 1	12 31.89	− 1 24.2	2.481	3.479	1.2	18.9
4 11	12 24.88	− 0 32.6	2.502	3.478	4.4	19.2
4 21	12 18.67	+ 0 12.4	2.552	3.478	7.5	19.4
5 1	12 13.74	+ 0 47.5	2.627	3.477	10.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
378819	2008 SE_{259}		3 29.7	105.°06	0.°8/30.6	17
	h m	° ′			°	m
2 21	12 56.54	− 8 58.3	2.076	2.862	14.1	21.7
3 2	12 52.69	− 8 33.8	1.994	2.870	11.1	21.5
3 12	12 46.87	− 7 54.4	1.934	2.878	7.6	21.3
3 22	12 39.61	− 7 2.9	1.900	2.886	3.6	21.0
4 1	12 31.72	− 6 4.2	1.895	2.893	1.0	20.9
4 11	12 24.09	− 5 4.3	1.918	2.901	4.8	21.1
4 21	12 17.53	− 4 9.3	1.969	2.908	8.6	21.4
5 1	12 12.67	− 3 24.0	2.044	2.916	11.9	21.6
384201	2009 BW_{155}		3 29.7	142.°91	3.°7/ 2.5	17
2 21	12 58.60	−16 12.7	2.392	3.132	13.8	21.8
3 2	12 54.15	−16 32.1	2.299	3.137	11.3	21.6
3 12	12 47.79	−16 36.1	2.227	3.140	8.5	21.4
3 22	12 40.03	−16 24.6	2.181	3.144	5.6	21.2
4 1	12 31.58	−15 59.2	2.163	3.148	3.7	21.1
4 11	12 23.30	−15 23.6	2.174	3.151	4.8	21.2
4 21	12 15.97	−14 42.6	2.212	3.155	7.6	21.4
5 1	12 10.22	−14 1.6	2.276	3.158	10.5	21.5
31097	Nucciomula		3 29.7	13.°89	1.°1/28.3	18 R
2 21	12 52.35	− 1 49.1	2.733	3.536	10.6	18.5
3 2	12 49.00	− 1 19.9	2.648	3.538	8.1	18.3
3 12	12 44.20	− 0 43.5	2.587	3.541	5.3	18.1
3 22	12 38.39	− 0 2.9	2.554	3.543	2.3	17.9
4 1	12 32.11	+ 0 38.0	2.551	3.546	1.6	17.9
4 11	12 26.01	+ 1 14.9	2.576	3.549	4.5	18.1
4 21	12 20.65	+ 1 44.6	2.629	3.553	7.4	18.3
5 1	12 16.50	+ 2 4.3	2.708	3.556	10.0	18.5
258088	2001 QC_{82}		3 29.7	210.°63	5.°5/ 4.1	18
2 21	13 1.22	−21 1.7	2.259	2.972	15.2	20.9
3 2	12 56.50	−21 32.6	2.154	2.966	12.9	20.7
3 12	12 49.57	−21 44.9	2.069	2.959	10.2	20.5
3 22	12 40.90	−21 37.0	2.008	2.952	7.5	20.3
4 1	12 31.31	−21 9.0	1.974	2.945	5.6	20.2
4 11	12 21.78	−20 24.4	1.968	2.936	6.2	20.2
4 21	12 13.26	−19 28.6	1.990	2.928	8.6	20.3
5 1	12 6.53	−18 28.8	2.037	2.918	11.5	20.5
243568	1995 SX_{85}		3 29.7	177.°83	0.°6/28.9	18
2 21	12 54.05	− 5 7.7	2.667	3.457	11.2	21.4
3 2	12 50.35	− 4 20.3	2.576	3.459	8.7	21.2
3 12	12 45.13	− 3 22.2	2.509	3.459	5.7	21.0
3 22	12 38.81	− 2 16.9	2.471	3.460	2.4	20.8
4 1	12 31.99	− 1 9.0	2.463	3.460	1.2	20.7
4 11	12 25.33	− 0 3.9	2.484	3.460	4.5	21.0
4 21	12 19.45	+ 0 53.9	2.535	3.460	7.6	21.2
5 1	12 14.85	+ 1 40.6	2.610	3.459	10.4	21.3
269791	1999 TF_{313}		3 29.7	183.°15	0.°2/29.9	17
2 21	12 57.29	− 6 58.4	2.221	3.008	13.3	21.8
3 2	12 53.20	− 6 32.4	2.130	3.008	10.4	21.6
3 12	12 47.19	− 5 53.5	2.062	3.009	7.0	21.4
3 22	12 39.78	− 5 4.6	2.021	3.008	3.2	21.1
4 1	12 31.70	− 4 10.3	2.009	3.008	0.9	20.9
4 11	12 23.82	− 3 16.2	2.026	3.007	4.8	21.2
4 21	12 16.91	− 2 27.6	2.071	3.005	8.5	21.5
5 1	12 11.61	− 1 49.1	2.141	3.004	11.8	21.7
423448	2005 SJ_{71}		3 29.7	124.°98	3.°1/ 1.9	15
2 21	13 2.71	−14 46.2	2.345	3.085	14.0	21.9
3 2	12 57.20	−14 59.6	2.263	3.104	11.4	21.7
3 12	12 49.73	−14 57.6	2.204	3.121	8.3	21.6
3 22	12 40.86	−14 40.8	2.170	3.139	5.2	21.4
4 1	12 31.38	−14 11.4	2.166	3.155	3.2	21.3
4 11	12 22.20	−13 33.4	2.192	3.171	4.6	21.4
4 21	12 14.10	−12 51.9	2.246	3.186	7.6	21.6
5 1	12 7.70	−12 12.3	2.326	3.200	10.5	21.8
335780	2007 ED_{216}		3 29.7	329.°99	6.°4/ 2.3	17
2 21	12 59.54	−14 57.1	1.449	2.232	19.4	20.1
3 2	12 56.50	−16 14.8	1.349	2.211	16.3	19.9
3 12	12 50.35	−17 16.6	1.268	2.192	12.6	19.6
3 22	12 41.54	−17 58.8	1.209	2.174	8.8	19.3
4 1	12 31.09	−18 19.2	1.173	2.156	6.5	19.1
4 11	12 20.49	−18 19.6	1.163	2.140	8.0	19.1
4 21	12 11.24	−18 5.4	1.175	2.125	12.0	19.3
5 1	12 4.63	−17 44.7	1.209	2.111	16.2	19.5
117217	2004 RA_{254}		3 29.7	185.°40	5.°2/23.8	17
2 21	12 58.50	+ 9 45.8	2.218	3.039	12.2	19.9
3 2	12 54.09	+10 53.6	2.142	3.039	9.5	19.7
3 12	12 47.74	+12 3.2	2.092	3.039	6.8	19.5
3 22	12 40.01	+13 7.9	2.068	3.038	5.2	19.4
4 1	12 31.65	+14 1.2	2.074	3.037	6.1	19.5
4 11	12 23.55	+14 37.5	2.106	3.035	8.5	19.6
4 21	12 16.48	+14 54.4	2.165	3.033	11.3	19.8
5 1	12 11.06	+14 51.1	2.245	3.031	13.9	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
271642	2004 PZ_{100}		3 29.7	198.°95	2.°3/26.7	18
	h m	° ′			°	m
2 21	12 55.65	− 1 10.3	2.314	3.121	12.2	20.6
3 2	12 51.85	+ 0 8.5	2.224	3.118	9.3	20.4
3 12	12 46.27	+ 1 38.6	2.159	3.114	6.1	20.2
3 22	12 39.37	+ 3 14.4	2.122	3.110	3.0	20.0
4 1	12 31.85	+ 4 49.0	2.116	3.105	3.1	20.0
4 11	12 24.49	+ 6 14.9	2.139	3.100	6.3	20.2
4 21	12 18.04	+ 7 26.6	2.190	3.095	9.6	20.4
5 1	12 13.09	+ 8 20.4	2.265	3.089	12.6	20.6
469235	2016 JD_7		3 29.7	48.°25	9.°0/21.3	18
2 21	12 59.01	+16 39.4	1.613	2.452	15.1	20.3
3 2	12 55.06	+18 7.6	1.564	2.462	12.3	20.2
3 12	12 48.60	+19 30.3	1.538	2.473	9.9	20.0
3 22	12 40.41	+20 37.3	1.536	2.484	9.0	20.0
4 1	12 31.56	+21 19.9	1.559	2.496	10.1	20.1
4 11	12 23.24	+21 33.2	1.606	2.507	12.5	20.3
4 21	12 16.45	+21 16.9	1.674	2.519	15.2	20.5
5 1	12 11.87	+20 33.8	1.761	2.531	17.7	20.7
167824	2005 CJ_{17}		3 29.7	180.°99	1.°6/31.2	18
2 21	13 0.86	−10 38.2	2.019	2.791	14.9	21.4
3 2	12 56.20	−10 22.7	1.927	2.793	11.9	21.2
3 12	12 49.32	− 9 50.8	1.856	2.794	8.3	21.0
3 22	12 40.78	− 9 4.4	1.812	2.794	4.3	20.7
4 1	12 31.42	− 8 7.7	1.796	2.793	1.6	20.5
4 11	12 22.28	− 7 6.8	1.809	2.792	5.0	20.7
4 21	12 14.27	− 6 8.3	1.850	2.790	9.0	21.0
5 1	12 8.14	− 5 18.2	1.916	2.787	12.6	21.2
431432	2007 OV_5		3 29.7	258.°99	4.°5/ 2.7	18
2 21	13 1.06	−17 14.5	2.342	3.073	14.3	21.5
3 2	12 56.37	−17 48.8	2.225	3.055	11.9	21.3
3 12	12 49.51	−18 8.1	2.130	3.036	9.2	21.1
3 22	12 40.93	−18 11.1	2.060	3.017	6.4	20.9
4 1	12 31.35	−17 57.9	2.018	2.998	4.5	20.7
4 11	12 21.71	−17 31.4	2.004	2.978	5.5	20.7
4 21	12 12.93	−16 55.9	2.019	2.958	8.4	20.9
5 1	12 5.83	−16 17.4	2.059	2.938	11.5	21.0
148718	2001 TK_{51}		3 29.7	200.°37	2.°0/27.4	17
2 21	12 59.17	+ 0 1.4	2.433	3.233	11.9	21.7
3 2	12 54.48	+ 0 46.1	2.340	3.229	9.1	21.5
3 12	12 47.97	+ 1 39.0	2.271	3.223	6.0	21.3
3 22	12 40.12	+ 2 35.7	2.230	3.217	2.8	21.1
4 1	12 31.63	+ 3 31.2	2.219	3.211	2.6	21.0
4 11	12 23.29	+ 4 19.9	2.238	3.203	5.8	21.2
4 21	12 15.85	+ 4 57.7	2.285	3.195	9.0	21.4
5 1	12 9.92	+ 5 21.8	2.356	3.186	12.0	21.6
52544	1996 VC_{11}		3 29.7	110.°39	0.°3/29.4	18
2 21	13 1.17	− 3 8.6	2.373	3.161	12.5	18.8
3 2	12 55.95	− 3 11.2	2.290	3.170	9.7	18.6
3 12	12 48.89	− 3 6.1	2.231	3.179	6.4	18.4
3 22	12 40.50	− 2 55.7	2.200	3.188	2.8	18.2
4 1	12 31.53	− 2 43.1	2.199	3.197	1.0	18.1
4 11	12 22.82	− 2 31.8	2.227	3.205	4.7	18.4
4 21	12 15.11	− 2 25.0	2.284	3.214	8.1	18.6
5 1	12 9.00	− 2 25.5	2.366	3.222	11.1	18.8
375668	2009 FW_1		3 29.7	67.°71	2.°8/30.5	17
2 21	13 19.55	− 3 41.3	1.047	1.858	23.4	20.7
3 2	13 12.68	− 5 18.2	0.980	1.868	18.7	20.4
3 12	13 1.32	− 6 47.9	0.931	1.879	13.0	20.1
3 22	12 46.38	− 8 7.5	0.905	1.890	6.6	19.8
4 1	12 29.73	− 9 14.6	0.904	1.901	3.0	19.6
4 11	12 13.79	−10 9.8	0.929	1.912	8.4	19.9
4 21	12 0.63	−10 56.1	0.978	1.924	14.3	20.3
5 1	11 51.54	−11 38.9	1.048	1.935	19.3	20.6
427892	2005 TQ_{77}		3 29.7	165.°34	1.°8/27.9	17
2 21	13 3.09	+ 0 56.3	2.290	3.087	12.6	21.8
3 2	12 57.52	+ 1 14.0	2.205	3.092	9.7	21.6
3 12	12 49.97	+ 1 37.8	2.145	3.096	6.4	21.4
3 22	12 41.00	+ 2 3.9	2.113	3.100	3.0	21.2
4 1	12 31.40	+ 2 28.2	2.110	3.104	2.4	21.1
4 11	12 22.05	+ 2 46.2	2.138	3.107	5.7	21.4
4 21	12 13.77	+ 2 54.9	2.193	3.109	9.1	21.6
5 1	12 7.18	+ 2 52.3	2.274	3.110	12.1	21.8
499109	2009 HU_{15}		3 29.7	51.°23	4.°2/25.2	17
2 21	12 56.68	+ 7 4.6	2.123	2.947	12.5	21.1
3 2	12 52.70	+ 7 53.3	2.053	2.954	9.6	20.9
3 12	12 46.82	+ 8 44.8	2.009	2.962	6.6	20.8
3 22	12 39.60	+ 9 33.3	1.990	2.969	4.4	20.6
4 1	12 31.83	+10 12.9	2.000	2.977	5.0	20.7
4 11	12 24.37	+10 38.6	2.038	2.985	7.6	20.9
4 21	12 17.97	+10 47.7	2.101	2.993	10.6	21.1
5 1	12 13.22	+10 39.6	2.186	3.001	13.3	21.3

247823 2003 SG_{185} 3 29.7 40.°85 0.°2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.23	− 4 3.4	2.647	3.437	11.3	20.0
3 2	12 52.05	− 3 55.8	2.557	3.439	8.8	19.8
3 12	12 46.28	− 3 40.1	2.492	3.440	5.8	19.6
3 22	12 39.36	− 3 18.7	2.453	3.441	2.5	19.4
4 1	12 31.91	− 2 54.8	2.444	3.443	0.9	19.3
4 11	12 24.63	− 2 32.0	2.465	3.444	4.2	19.5
4 21	12 18.16	− 2 13.7	2.514	3.445	7.4	19.7
5 1	12 13.02	− 2 2.6	2.589	3.447	10.1	19.9

72206 2000 YL_{139} 3 29.7 26.°44 3.°6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.98	−13 54.1	1.233	2.040	20.7	18.5
3 2	12 52.79	−13 57.4	1.167	2.049	16.8	18.3
3 12	12 47.60	−13 34.0	1.118	2.059	12.1	18.0
3 22	12 40.15	−12 45.1	1.091	2.070	7.1	17.8
4 1	12 31.67	−11 36.5	1.087	2.082	3.6	17.6
4 11	12 23.67	−10 18.1	1.107	2.094	6.5	17.8
4 21	12 17.40	− 9 1.1	1.151	2.108	11.3	18.1
5 1	12 13.76	− 7 55.4	1.216	2.122	15.8	18.4

238975 2006 BE_{163} 3 29.7 251.°72 3.°5/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.76	+ 0 48.6	1.626	2.451	15.7	20.8
3 2	12 55.19	+ 1 54.8	1.535	2.438	12.1	20.5
3 12	12 49.01	+ 3 14.5	1.466	2.424	8.0	20.2
3 22	12 40.78	+ 4 40.7	1.423	2.410	4.2	20.0
4 1	12 31.46	+ 6 4.1	1.406	2.395	4.5	19.9
4 11	12 22.29	+ 7 14.9	1.417	2.380	8.7	20.1
4 21	12 14.40	+ 8 5.9	1.452	2.364	13.1	20.3
5 1	12 8.70	+ 8 33.2	1.508	2.348	17.0	20.5

21613 Schlecht 3 29.7 128.°58 4.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.14	+ 4 7.0	1.819	2.637	14.6	19.0
3 2	12 57.15	+ 5 11.9	1.754	2.653	11.1	18.8
3 12	12 49.87	+ 6 23.2	1.714	2.668	7.4	18.6
3 22	12 40.98	+ 7 33.8	1.699	2.682	4.4	18.5
4 1	12 31.45	+ 8 35.6	1.714	2.696	4.9	18.5
4 11	12 22.38	+ 9 22.2	1.756	2.708	8.2	18.8
4 21	12 14.66	+ 9 49.6	1.823	2.721	11.7	19.0
5 1	12 8.98	+ 9 56.5	1.913	2.732	14.8	19.2

209689 2005 EH_{22} 3 29.7 96.°58 2.°4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.92	− 2 10.8	1.636	2.453	16.0	20.7
3 2	12 54.88	− 0 58.2	1.573	2.472	12.2	20.5
3 12	12 48.47	+ 0 27.9	1.533	2.490	7.9	20.3
3 22	12 40.38	+ 2 0.4	1.519	2.508	3.6	20.0
4 1	12 31.65	+ 3 29.9	1.533	2.526	3.3	20.1
4 11	12 23.39	+ 4 47.4	1.574	2.543	7.4	20.3
4 21	12 16.55	+ 5 46.7	1.641	2.560	11.4	20.6
5 1	12 11.82	+ 6 24.3	1.730	2.576	14.9	20.9

496993 2002 RL_{281} 3 29.7 210.°68 0.°5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.10	− 4 19.8	2.292	3.087	12.7	22.1
3 2	12 53.02	− 3 55.7	2.200	3.084	9.9	21.9
3 12	12 47.08	− 3 21.2	2.131	3.081	6.5	21.7
3 22	12 39.78	− 2 39.2	2.089	3.078	2.8	21.4
4 1	12 31.81	− 1 54.2	2.076	3.074	1.2	21.3
4 11	12 24.02	− 1 11.4	2.092	3.070	5.0	21.6
4 21	12 17.15	− 0 35.4	2.136	3.066	8.5	21.8
5 1	12 11.82	− 0 9.8	2.205	3.062	11.7	22.0

87053 2000 KZ_{29} 3 29.7 213.°83 6.°2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.00	+13 44.1	2.275	3.092	12.1	19.7
3 2	12 56.06	+14 51.0	2.195	3.085	9.6	19.5
3 12	12 49.11	+15 57.1	2.139	3.077	7.4	19.3
3 22	12 40.68	+16 55.3	2.111	3.068	6.2	19.2
4 1	12 31.55	+17 39.0	2.111	3.058	7.1	19.3
4 11	12 22.64	+18 3.2	2.138	3.049	9.4	19.4
4 21	12 14.78	+18 5.9	2.190	3.038	12.0	19.5
5 1	12 8.61	+17 47.4	2.264	3.027	14.4	19.7

65068 2002 AK_{186} 3 29.7 212.°90 3.°5/26.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.89	+ 3 12.9	1.822	2.637	14.7	19.7
3 2	12 58.02	+ 3 55.2	1.734	2.631	11.4	19.5
3 12	12 50.67	+ 4 45.1	1.670	2.624	7.6	19.3
3 22	12 41.46	+ 5 36.6	1.631	2.617	4.1	19.0
4 1	12 31.31	+ 6 22.7	1.621	2.609	4.3	19.0
4 11	12 21.38	+ 6 56.7	1.639	2.600	7.9	19.2
4 21	12 12.71	+ 7 14.1	1.683	2.591	11.8	19.4
5 1	12 6.14	+ 7 13.0	1.749	2.581	15.4	19.6

5203 Pavarotti 3 29.7 262.°96 2.°0/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.31	−10 35.8	1.622	2.412	17.3	17.4
3 2	12 56.62	−10 32.9	1.518	2.394	14.0	17.1
3 12	12 50.14	−10 10.6	1.434	2.375	9.9	16.8
3 22	12 41.38	− 9 29.9	1.373	2.356	5.3	16.5
4 1	12 31.30	− 8 34.4	1.339	2.337	2.1	16.2
4 11	12 21.19	− 7 31.4	1.332	2.317	6.1	16.4
4 21	12 12.34	− 6 29.4	1.351	2.296	11.1	16.6
5 1	12 5.79	− 5 36.4	1.392	2.276	15.6	16.9

497676 2006 SR_2 3 29.7 282.°75 2.°7/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.59	−16 53.6	1.804	2.565	16.9	21.8
3 2	12 53.63	−16 4.1	1.675	2.531	14.0	21.5
3 12	12 48.13	−14 44.6	1.567	2.495	10.3	21.2
3 22	12 40.50	−12 54.9	1.483	2.459	6.0	20.9
4 1	12 31.55	−10 39.2	1.426	2.422	2.7	20.6
4 11	12 22.44	− 8 7.3	1.399	2.384	5.8	20.7
4 21	12 14.34	− 5 32.2	1.400	2.346	10.8	20.9
5 1	12 8.28	− 3 7.5	1.426	2.307	15.5	21.0

473337 2015 TS_{110} 3 29.7 81.°79 6.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.45	+ 7 46.3	1.375	2.212	17.3	21.1
3 2	12 58.76	+ 8 52.9	1.323	2.230	13.4	20.9
3 12	12 51.19	+10 2.7	1.293	2.247	9.3	20.7
3 22	12 41.62	+11 5.9	1.287	2.265	6.4	20.6
4 1	12 31.31	+11 52.9	1.306	2.282	7.2	20.7
4 11	12 21.70	+12 16.9	1.351	2.299	10.6	20.9
4 21	12 13.90	+12 15.5	1.419	2.316	14.4	21.2
5 1	12 8.69	+11 50.0	1.507	2.333	17.7	21.5

292344 2006 SO_{199} 3 29.7 282.°45 0.°2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.47	− 7 15.8	2.239	3.031	13.1	21.3
3 2	12 51.10	− 6 46.1	2.142	3.023	10.2	21.1
3 12	12 45.88	− 6 2.9	2.068	3.016	6.9	20.9
3 22	12 39.29	− 5 9.3	2.021	3.008	3.1	20.6
4 1	12 32.00	− 4 9.6	2.002	3.001	0.8	20.4
4 11	12 24.86	− 3 9.8	2.012	2.993	4.8	20.7
4 21	12 18.62	− 2 15.5	2.050	2.986	8.5	20.9
5 1	12 13.90	− 1 31.5	2.112	2.979	11.7	21.1

165406 2000 XT_{53} 3 29.7 82.°85 0.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.33	− 6 48.8	1.533	2.340	17.4	20.8
3 2	12 56.20	− 6 20.6	1.467	2.357	13.5	20.6
3 12	12 49.48	− 5 35.4	1.422	2.373	9.0	20.3
3 22	12 40.89	− 4 37.5	1.402	2.390	4.0	20.1
4 1	12 31.55	− 3 33.9	1.408	2.407	1.2	19.9
4 11	12 22.69	− 2 32.9	1.441	2.423	6.2	20.3
4 21	12 15.38	− 1 41.7	1.500	2.439	10.7	20.6
5 1	12 10.36	− 1 5.6	1.582	2.455	14.6	20.9

467430 2005 XT_{74} 3 29.7 249.°87 7.°5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.26	−25 12.4	2.032	2.733	17.0	21.0
3 2	12 55.36	−25 58.7	1.932	2.728	14.8	20.8
3 12	12 49.04	−26 22.9	1.851	2.722	12.2	20.6
3 22	12 40.81	−26 22.2	1.792	2.717	9.6	20.5
4 1	12 31.53	−25 55.5	1.757	2.711	7.8	20.3
4 11	12 22.33	−25 5.8	1.748	2.706	7.8	20.3
4 21	12 14.26	−23 59.5	1.766	2.700	9.7	20.4
5 1	12 8.19	−22 45.0	1.807	2.694	12.4	20.6

10319 Toshiharu 3 29.7 261.°57 1.°0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.96	− 6 46.2	1.619	2.417	17.0	18.0
3 2	12 58.63	− 6 55.0	1.520	2.403	13.5	17.7
3 12	12 51.45	− 6 49.6	1.441	2.388	9.3	17.4
3 22	12 41.97	− 6 31.4	1.387	2.373	4.5	17.1
4 1	12 31.18	− 6 4.3	1.360	2.358	1.3	16.8
4 11	12 20.42	− 5 34.0	1.359	2.342	6.2	17.1
4 21	12 10.99	− 5 7.0	1.385	2.327	11.2	17.3
5 1	12 3.92	− 4 49.1	1.433	2.311	15.6	17.6

499332 2009 WE_{178} 3 29.7 111.°27 1.°7/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.22	− 1 21.2	1.944	2.755	14.1	21.5
3 2	12 54.12	− 0 43.9	1.867	2.762	10.8	21.3
3 12	12 47.91	+ 0 3.4	1.814	2.769	7.0	21.1
3 22	12 40.18	+ 0 56.0	1.786	2.775	3.1	20.9
4 1	12 31.78	+ 1 47.9	1.787	2.782	2.5	20.9
4 11	12 23.69	+ 2 32.9	1.816	2.788	6.2	21.1
4 21	12 16.74	+ 3 6.2	1.871	2.794	10.0	21.3
5 1	12 11.62	+ 3 24.5	1.950	2.800	13.3	21.6

225139 2008 FY_{99} 3 29.7 93.°00 2.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.69	− 0 29.8	1.742	2.564	14.9	20.3
3 2	12 53.13	+ 0 44.9	1.673	2.575	11.4	20.1
3 12	12 47.33	+ 2 11.6	1.628	2.586	7.4	19.9
3 22	12 39.94	+ 3 43.0	1.609	2.596	3.7	19.7
4 1	12 31.87	+ 5 10.4	1.617	2.607	3.8	19.7
4 11	12 24.18	+ 6 25.2	1.654	2.618	7.5	19.9
4 21	12 17.76	+ 7 21.4	1.715	2.628	11.4	20.2
5 1	12 13.27	+ 7 56.1	1.799	2.638	14.7	20.4

97271 1999 XJ_{139} 3 29.7 205.°94 1.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.01	− 1 54.3	2.035	2.840	13.7	20.0
3 2	12 54.72	− 1 33.4	1.949	2.839	10.6	19.8
3 12	12 48.34	− 1 3.0	1.885	2.838	7.0	19.6
3 22	12 40.40	− 0 26.8	1.847	2.836	3.0	19.3
4 1	12 31.73	+ 0 10.2	1.838	2.835	1.9	19.2
4 11	12 23.27	+ 0 42.6	1.858	2.833	5.8	19.5
4 21	12 15.89	+ 1 6.0	1.904	2.832	9.6	19.7
5 1	12 10.29	+ 1 17.2	1.975	2.830	13.0	19.9

500456 2012 TO_{206} 3 29.7 159.°22 1.°4/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.58	− 9 15.6	2.450	3.220	12.7	21.7
3 2	12 54.05	− 9 17.4	2.358	3.223	10.0	21.6
3 12	12 47.73	− 9 7.6	2.289	3.226	7.0	21.4
3 22	12 40.09	− 8 47.6	2.247	3.228	3.6	21.1
4 1	12 31.83	− 8 20.2	2.234	3.231	1.4	21.0
4 11	12 23.74	− 7 49.3	2.250	3.233	4.2	21.2
4 21	12 16.56	− 7 19.3	2.295	3.235	7.5	21.4
5 1	12 10.87	− 6 54.1	2.366	3.236	10.5	21.6

201565 2003 SQ_{28} 3 29.7 214.°73 1.°2/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.02	−10 18.8	2.175	2.954	13.8	20.4
3 2	12 52.36	− 9 54.5	2.080	2.951	11.0	20.2
3 12	12 46.75	− 9 14.5	2.008	2.948	7.6	20.0
3 22	12 39.70	− 8 21.1	1.961	2.945	3.9	19.8
4 1	12 31.94	− 7 18.7	1.943	2.941	1.3	19.6
4 11	12 24.35	− 6 13.2	1.954	2.937	4.6	19.8
4 21	12 17.73	− 5 10.8	1.992	2.934	8.4	20.0
5 1	12 12.72	− 4 17.1	2.056	2.930	11.7	20.2

51990 2001 SX_{286} 3 29.7 204.°24 4.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.81	+10 2.9	2.508	3.327	11.0	18.7
3 2	12 52.62	+11 0.8	2.429	3.324	8.6	18.5
3 12	12 46.73	+11 59.9	2.375	3.321	6.2	18.4
3 22	12 39.63	+12 54.5	2.348	3.318	4.7	18.3
4 1	12 31.98	+13 39.2	2.351	3.314	5.4	18.3
4 11	12 24.53	+14 9.4	2.382	3.311	7.7	18.4
4 21	12 17.95	+14 22.7	2.438	3.307	10.2	18.6
5 1	12 12.81	+14 18.4	2.517	3.302	12.6	18.7

244292 2002 EZ_{141} 3 29.7 245.°16 0.°5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.99	− 6 31.8	1.981	2.774	14.5	20.8
3 2	12 54.85	− 6 24.8	1.889	2.770	11.4	20.6
3 12	12 48.51	− 6 5.0	1.819	2.766	7.7	20.4
3 22	12 40.52	− 5 34.9	1.775	2.761	3.6	20.1
4 1	12 31.70	− 4 58.5	1.758	2.757	1.0	19.9
4 11	12 23.05	− 4 21.3	1.770	2.752	5.2	20.2
4 21	12 15.49	− 3 48.5	1.809	2.748	9.3	20.4
5 1	12 9.77	− 3 24.7	1.872	2.743	12.9	20.6

29816 1999 CS_{113} 3 29.7 118.°93 2.°6/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.60	−14 49.8	2.219	2.979	14.1	18.9
3 2	12 51.24	−14 32.2	2.125	2.979	11.5	18.7
3 12	12 46.00	−13 56.4	2.052	2.979	8.3	18.5
3 22	12 39.36	−13 4.1	2.005	2.979	5.0	18.3
4 1	12 32.06	−11 58.6	1.986	2.979	2.6	18.1
4 11	12 24.94	−10 45.9	1.996	2.979	4.5	18.3
4 21	12 18.77	− 9 32.4	2.033	2.980	7.9	18.5
5 1	12 14.19	− 8 24.6	2.096	2.980	11.1	18.7

400529 2008 TZ_{6} 3 29.7 225.°89 0.°2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.18	− 6 55.9	1.814	2.605	15.7	23.1
3 2	12 57.66	− 6 30.7	1.713	2.593	12.4	22.9
3 12	12 50.60	− 5 49.3	1.634	2.581	8.4	22.6
3 22	12 41.54	− 4 54.6	1.580	2.568	3.8	22.3
4 1	12 31.38	− 3 51.9	1.555	2.553	1.1	22.1
4 11	12 21.31	− 2 48.7	1.558	2.538	6.0	22.4
4 21	12 12.44	− 1 52.2	1.588	2.522	10.6	22.6
5 1	12 5.65	− 1 8.6	1.641	2.505	14.7	22.8

27971 1997 TO_{12} 3 29.7 202.°11 0.°5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.36	− 7 27.0	2.221	3.003	13.5	20.4
3 2	12 54.89	− 7 6.4	2.124	2.999	10.6	20.2
3 12	12 48.42	− 6 32.6	2.050	2.994	7.2	20.0
3 22	12 40.45	− 5 48.2	2.003	2.989	3.4	19.7
4 1	12 31.73	− 4 57.5	1.985	2.984	0.9	19.5
4 11	12 23.17	− 4 5.8	1.997	2.978	4.8	19.8
4 21	12 15.58	− 3 18.7	2.036	2.971	8.6	20.0
5 1	12 9.65	− 2 40.8	2.100	2.964	12.0	20.2

372700 2009 WQ_{230} 3 29.7 97.°81 1.°4/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.44	−10 7.3	1.961	2.745	14.9	20.9
3 2	12 53.58	− 9 51.0	1.879	2.752	11.8	20.7
3 12	12 47.60	− 9 18.6	1.819	2.760	8.2	20.5
3 22	12 40.08	− 8 32.5	1.784	2.767	4.2	20.2
4 1	12 31.85	− 7 37.2	1.777	2.775	1.4	20.1
4 11	12 23.90	− 6 38.9	1.798	2.782	4.9	20.3
4 21	12 17.09	− 5 44.0	1.846	2.789	8.8	20.6
5 1	12 12.09	− 4 58.1	1.919	2.796	12.3	20.8

455230 2001 SU_{14} 3 29.7 171.°79 0.°7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.91	− 7 34.3	1.981	2.760	15.0	22.6
3 2	12 58.59	− 7 20.8	1.893	2.765	11.8	22.4
3 12	12 50.95	− 6 53.4	1.826	2.769	8.0	22.2
3 22	12 41.59	− 6 14.4	1.787	2.772	3.8	21.9
4 1	12 31.41	− 5 28.3	1.776	2.774	1.0	21.7
4 11	12 21.48	− 4 40.9	1.794	2.775	5.2	22.0
4 21	12 12.77	− 3 58.2	1.841	2.776	9.4	22.3
5 1	12 6.02	− 3 24.9	1.912	2.775	13.0	22.5

31601 1999 GF 3 29.7 251.°96 1.°9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.53	− 8 35.9	1.993	2.769	15.0	18.0
3 2	12 58.52	− 9 0.1	1.889	2.758	12.0	17.8
3 12	12 51.08	− 9 12.4	1.808	2.746	8.5	17.6
3 22	12 41.74	− 9 13.4	1.753	2.734	4.5	17.3
4 1	12 31.34	− 9 5.0	1.726	2.722	1.9	17.1
4 11	12 21.00	− 8 51.0	1.728	2.710	5.2	17.3
4 21	12 11.75	− 8 36.0	1.757	2.698	9.3	17.5
5 1	12 4.46	− 8 24.8	1.811	2.685	13.1	17.7

82963 2001 QT_{130} 3 29.7 117.°16 3.°8/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.07	−17 37.8	2.363	3.100	14.0	19.8
3 2	12 53.04	−17 47.7	2.272	3.106	11.6	19.7
3 12	12 47.14	−17 40.5	2.202	3.112	8.8	19.5
3 22	12 39.86	−17 16.4	2.157	3.118	5.9	19.3
4 1	12 31.93	−16 37.4	2.140	3.123	3.9	19.2
4 11	12 24.19	−15 47.6	2.151	3.129	4.8	19.3
4 21	12 17.40	−14 52.6	2.190	3.135	7.5	19.4
5 1	12 12.19	−13 58.2	2.255	3.140	10.4	19.6

29420 Ikuo 3 29.7 131.°80 1.°4/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.11	− 9 0.6	2.403	3.176	12.8	18.5
3 2	12 53.74	− 9 4.5	2.311	3.179	10.1	18.3
3 12	12 47.55	− 8 56.9	2.243	3.181	7.0	18.1
3 22	12 40.04	− 8 39.1	2.201	3.184	3.6	17.9
4 1	12 31.89	− 8 14.0	2.189	3.186	1.4	17.7
4 11	12 23.91	− 7 45.6	2.205	3.188	4.2	17.9
4 21	12 16.85	− 7 17.9	2.250	3.190	7.6	18.1
5 1	12 11.31	− 6 55.1	2.320	3.192	10.6	18.3

285908 2001 QD_{131} 3 29.7 169.°70 3.°0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.14	−14 3.2	1.841	2.603	16.5	21.1
3 2	12 57.49	−13 59.8	1.751	2.607	13.4	20.9
3 12	12 50.36	−13 36.5	1.683	2.611	9.7	20.7
3 22	12 41.38	−12 54.3	1.639	2.614	5.7	20.4
4 1	12 31.49	−11 56.6	1.623	2.616	3.0	20.2
4 11	12 21.84	−10 50.0	1.635	2.618	5.4	20.4
4 21	12 13.48	− 9 42.2	1.674	2.618	9.4	20.6
5 1	12 7.22	− 8 40.8	1.738	2.618	13.2	20.9

277719 2006 DF_{45} 3 29.7 179.°31 0.°8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.87	− 7 41.5	2.157	2.940	13.8	21.4
3 2	12 54.54	− 7 32.9	2.066	2.941	10.8	21.2
3 12	12 48.20	− 7 11.5	1.998	2.941	7.4	21.0
3 22	12 40.36	− 6 39.7	1.956	2.942	3.6	20.7
4 1	12 31.80	− 6 1.2	1.943	2.942	1.0	20.5
4 11	12 23.44	− 5 21.0	1.959	2.941	4.7	20.8
4 21	12 16.09	− 4 44.2	2.002	2.941	8.5	21.0
5 1	12 10.44	− 4 15.3	2.071	2.940	11.9	21.2

69470 1996 XH 3 29.7 101.°80 1.°0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.45	− 4 21.1	1.671	2.479	16.1	20.0
3 2	12 56.11	− 3 40.1	1.603	2.495	12.4	19.8
3 12	12 49.34	− 2 44.7	1.558	2.511	8.1	19.5
3 22	12 40.86	− 1 40.4	1.537	2.527	3.5	19.3
4 1	12 31.67	− 0 34.1	1.545	2.542	1.9	19.2
4 11	12 22.94	+ 0 26.1	1.580	2.557	6.4	19.5
4 21	12 15.62	+ 1 14.1	1.641	2.571	10.6	19.8
5 1	12 10.42	+ 1 45.7	1.725	2.585	14.3	20.1

81990 2000 QC_{155} 3 29.7 163.°32 2.°5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.69	−15 17.7	2.588	3.335	12.6	19.6
3 2	12 51.02	−14 59.7	2.492	3.338	10.3	19.5
3 12	12 45.71	−14 25.9	2.418	3.340	7.5	19.3
3 22	12 39.21	−13 37.4	2.371	3.342	4.5	19.1
4 1	12 32.16	−12 37.5	2.352	3.344	2.5	19.0
4 11	12 25.27	−11 30.8	2.363	3.346	4.0	19.1
4 21	12 19.20	−10 22.9	2.402	3.347	6.9	19.2
5 1	12 14.51	− 9 19.2	2.468	3.348	9.8	19.4

104072 2000 EU_{23} 3 29.7 152.°28 0.°2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.50	− 6 54.9	2.317	3.104	12.8	20.6
3 2	12 52.53	− 6 29.2	2.230	3.108	10.0	20.5
3 12	12 46.76	− 5 51.3	2.165	3.111	6.7	20.2
3 22	12 39.69	− 5 4.0	2.128	3.115	3.1	20.0
4 1	12 32.02	− 4 11.9	2.119	3.118	0.8	19.8
4 11	12 24.55	− 3 20.0	2.140	3.120	4.6	20.1
4 21	12 18.01	− 2 33.5	2.188	3.123	8.1	20.3
5 1	12 12.99	− 1 56.5	2.262	3.125	11.2	20.5

69306 1992 EN_{29} 3 29.7 13.°40 2.°3/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.60	−11 53.1	1.737	2.525	16.4	19.5
3 2	12 52.52	−11 46.7	1.653	2.527	13.2	19.3
3 12	12 47.10	−11 21.2	1.590	2.529	9.3	19.0
3 22	12 39.94	−10 38.5	1.551	2.531	5.1	18.8
4 1	12 31.94	− 9 42.8	1.538	2.534	2.3	18.6
4 11	12 24.18	− 8 41.1	1.552	2.537	5.3	18.8
4 21	12 17.66	− 7 40.7	1.592	2.541	9.4	19.1
5 1	12 13.12	− 6 48.7	1.656	2.545	13.3	19.3

25235 1998 UC_3 3 29.7 160.°12 0.°4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.26	− 7 12.5	2.258	3.044	13.1	19.2
3 2	12 53.18	− 6 52.7	2.169	3.046	10.3	19.0
3 12	12 47.23	− 6 20.6	2.104	3.049	6.9	18.8
3 22	12 39.92	− 5 38.7	2.065	3.051	3.2	18.5
4 1	12 31.96	− 4 51.2	2.055	3.053	0.8	18.3
4 11	12 24.21	− 4 3.4	2.074	3.055	4.6	18.6
4 21	12 17.42	− 3 20.3	2.120	3.057	8.2	18.8
5 1	12 12.20	− 2 46.2	2.192	3.058	11.4	19.0

135209 2001 RB_{69} 3 29.7 243.°15 2.°6/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.80	−11 31.3	1.762	2.537	16.7	20.9
3 2	12 58.38	−11 39.2	1.656	2.521	13.6	20.7
3 12	12 51.24	−11 29.5	1.571	2.505	9.7	20.4
3 22	12 41.92	−11 2.4	1.510	2.489	5.5	20.1
4 1	12 31.33	−10 20.7	1.476	2.471	2.6	19.9
4 11	12 20.72	− 9 30.2	1.470	2.453	5.8	20.0
4 21	12 11.32	− 8 38.0	1.491	2.435	10.4	20.3
5 1	12 4.12	− 7 51.6	1.535	2.415	14.6	20.5

339446 2005 EF_{168} 3 29.7 136.°35 1.°7/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.65	− 9 11.6	2.229	3.001	13.7	21.8
3 2	12 55.85	− 9 25.6	2.139	3.004	10.9	21.6
3 12	12 49.04	− 9 27.7	2.071	3.008	7.6	21.4
3 22	12 40.74	− 9 18.9	2.030	3.011	4.0	21.2
4 1	12 31.72	− 9 1.8	2.018	3.014	1.7	21.0
4 11	12 22.89	− 8 40.2	2.034	3.017	4.5	21.2
4 21	12 15.08	− 8 18.4	2.079	3.020	8.1	21.5
5 1	12 8.97	− 8 0.7	2.149	3.023	11.3	21.7

361602 2007 RX_{324} 3 29.7 156.°00 1.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.33	−10 38.1	1.746	2.532	16.4	21.5
3 2	12 55.36	−10 11.6	1.662	2.537	13.0	21.3
3 12	12 48.97	− 9 25.7	1.599	2.541	9.0	21.1
3 22	12 40.77	− 8 23.3	1.561	2.545	4.6	20.8
4 1	12 31.71	− 7 9.7	1.551	2.549	1.4	20.6
4 11	12 22.95	− 5 53.2	1.568	2.552	5.5	20.9
4 21	12 15.48	− 4 41.7	1.612	2.554	9.9	21.1
5 1	12 10.09	− 3 42.2	1.680	2.557	13.7	21.4

84523 2002 UF_2 3 29.7 59.°34 6.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.79	+15 2.3	1.920	2.739	13.9	19.2
3 2	12 58.82	+15 49.7	1.883	2.773	11.0	19.1
3 12	12 50.75	+16 31.7	1.869	2.806	8.3	19.0
3 22	12 41.34	+17 1.4	1.882	2.840	6.8	18.9
4 1	12 31.61	+17 13.4	1.922	2.874	7.5	19.1
4 11	12 22.56	+17 5.0	1.989	2.907	9.6	19.2
4 21	12 15.00	+16 36.5	2.081	2.940	12.1	19.5
5 1	12 9.46	+15 50.1	2.194	2.973	14.4	19.7

244170 2001 XV_{84} 3 29.7 356.°72 0.°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.01	− 3 24.2	1.271	2.100	19.0	19.7
3 2	12 56.75	− 3 19.7	1.195	2.098	14.8	19.4
3 12	12 50.36	− 3 0.4	1.139	2.096	9.9	19.1
3 22	12 41.52	− 2 30.5	1.106	2.096	4.3	18.8
4 1	12 31.48	− 1 56.4	1.097	2.095	1.8	18.6
4 11	12 21.78	− 1 26.1	1.113	2.095	7.5	19.0
4 21	12 13.80	− 1 6.4	1.153	2.096	12.8	19.3
5 1	12 8.55	− 1 2.1	1.212	2.097	17.4	19.5

80060 1999 JG_{82} 3 29.7 0.°72 5.°4/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.44	+ 9 6.2	1.983	2.815	13.0	18.9
3 2	12 52.01	+10 12.8	1.911	2.815	10.1	18.7
3 12	12 46.55	+11 21.7	1.863	2.814	7.2	18.5
3 22	12 39.64	+12 26.0	1.841	2.814	5.4	18.4
4 1	12 32.06	+13 18.3	1.847	2.814	6.3	18.5
4 11	12 24.77	+13 52.8	1.879	2.815	8.9	18.6
4 21	12 18.56	+14 6.7	1.936	2.816	11.9	18.8
5 1	12 14.09	+13 59.4	2.014	2.817	14.7	19.0

313660 2003 SO_{184} 3 29.7 174.°10 0.°2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.08	− 6 33.5	2.044	2.832	14.2	22.3
3 2	12 55.56	− 5 56.8	1.956	2.835	11.1	22.1
3 12	12 48.91	− 5 5.8	1.891	2.838	7.4	21.9
3 22	12 40.70	− 4 4.2	1.852	2.840	3.3	21.6
4 1	12 31.75	− 2 57.4	1.843	2.841	1.1	21.5
4 11	12 23.03	− 1 52.2	1.863	2.842	5.3	21.8
4 21	12 15.43	− 0 54.8	1.910	2.841	9.3	22.0
5 1	12 9.63	− 0 10.0	1.982	2.840	12.8	22.2

459067 2012 BT_{27} 3 29.7 19.°27 2.°9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.41	−11 58.4	1.477	2.271	18.5	20.8
3 2	12 55.14	−12 8.4	1.397	2.273	14.9	20.5
3 12	12 49.10	−11 57.8	1.336	2.275	10.7	20.3
3 22	12 40.92	−11 27.5	1.298	2.278	6.0	20.0
4 1	12 31.68	−10 41.3	1.286	2.281	2.9	19.8
4 11	12 22.74	− 9 46.7	1.299	2.284	6.0	20.0
4 21	12 15.30	− 8 51.9	1.337	2.288	10.6	20.3
5 1	12 10.25	− 8 4.9	1.397	2.292	14.9	20.6

428306 2007 FN_{16} 3 29.7 107.°64 5.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.73	+ 5 56.5	1.865	2.697	13.7	21.0
3 2	12 52.29	+ 8 2.5	1.802	2.708	10.5	20.8
3 12	12 46.75	+10 15.6	1.765	2.718	7.3	20.6
3 22	12 39.73	+12 25.7	1.756	2.729	5.6	20.6
4 1	12 32.06	+14 22.1	1.775	2.739	6.8	20.6
4 11	12 24.74	+15 56.0	1.822	2.750	9.7	20.8
4 21	12 18.59	+17 3.0	1.894	2.759	12.8	21.0
5 1	12 14.25	+17 41.9	1.986	2.769	15.6	21.3

10697 Othonwinter 3 29.7 231.°32 1.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.59	− 2 49.2	2.167	2.972	13.0	19.2
3 2	12 52.06	− 1 37.1	2.070	2.963	10.0	19.0
3 12	12 46.60	− 0 11.5	1.998	2.953	6.5	18.7
3 22	12 39.69	+ 1 22.3	1.954	2.943	2.9	18.5
4 1	12 32.06	+ 2 57.2	1.939	2.932	2.7	18.5
4 11	12 24.56	+ 4 25.4	1.954	2.921	6.3	18.7
4 21	12 17.99	+ 5 40.3	1.995	2.910	9.9	18.9
5 1	12 13.01	+ 6 37.4	2.061	2.898	13.2	19.0

319701 2006 UQ_6 3 29.7 268.°69 1.°6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.75	− 2 56.0	1.823	2.632	14.9	21.6
3 2	12 55.07	− 2 13.3	1.716	2.609	11.6	21.4
3 12	12 48.95	− 1 16.2	1.632	2.586	7.7	21.1
3 22	12 40.88	− 0 8.9	1.573	2.562	3.4	20.8
4 1	12 31.69	+ 1 1.8	1.542	2.538	2.4	20.6
4 11	12 22.49	+ 2 7.9	1.539	2.513	6.9	20.8
4 21	12 14.36	+ 3 2.2	1.562	2.488	11.4	21.0
5 1	12 8.20	+ 3 39.2	1.608	2.462	15.4	21.2

135307 2001 SC_{254} 3 29.7 203.°05 1.°7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.17	+ 0 46.5	2.957	3.753	10.1	21.6
3 2	12 52.66	+ 1 18.3	2.861	3.748	7.7	21.4
3 12	12 46.68	+ 1 55.7	2.791	3.743	5.1	21.2
3 22	12 39.64	+ 2 35.6	2.749	3.737	2.4	21.0
4 1	12 32.10	+ 3 14.1	2.738	3.730	2.2	21.0
4 11	12 24.67	+ 3 47.3	2.757	3.723	4.8	21.2
4 21	12 17.96	+ 4 12.2	2.805	3.715	7.6	21.3
5 1	12 12.45	+ 4 26.7	2.879	3.707	10.1	21.5

262198 2006 SS_{167} 3 29.7 197.°15 1.°1/30.8 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.60	− 9 31.3	2.054	2.833	14.5	22.6
3 2	12 55.28	− 9 10.3	1.959	2.830	11.5	22.4
3 12	12 48.79	− 8 33.5	1.887	2.827	7.9	22.2
3 22	12 40.69	− 7 43.3	1.840	2.824	3.9	21.9
4 1	12 31.78	− 6 44.0	1.821	2.819	1.2	21.7
4 11	12 23.03	− 5 41.9	1.832	2.815	5.0	22.0
4 21	12 15.36	− 4 43.5	1.870	2.809	9.0	22.2
5 1	12 9.49	− 3 54.4	1.933	2.803	12.5	22.4

204338 2004 RF_{253} 3 29.7 136.°28 5.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.25	+ 6 35.0	1.812	2.634	14.5	21.4
3 2	12 57.32	+ 7 49.3	1.748	2.647	11.1	21.2
3 12	12 50.08	+ 9 8.3	1.708	2.660	7.7	21.0
3 22	12 41.20	+10 23.9	1.694	2.672	5.2	20.9
4 1	12 31.66	+11 27.7	1.709	2.683	6.0	21.0
4 11	12 22.55	+12 13.2	1.751	2.693	9.0	21.2
4 21	12 14.80	+12 37.0	1.818	2.703	12.3	21.4
5 1	12 9.11	+12 38.5	1.907	2.712	15.3	21.6

286297 2001 WH_{10} 3 29.7 148.°42 1.°9/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.28	−11 30.1	2.703	3.459	12.0	21.1
3 2	12 53.67	−11 34.3	2.611	3.465	9.6	20.9
3 12	12 47.42	−11 26.6	2.542	3.471	6.8	20.7
3 22	12 39.99	−11 8.3	2.500	3.477	3.8	20.6
4 1	12 32.00	−10 41.5	2.488	3.482	1.9	20.4
4 11	12 24.18	−10 9.8	2.506	3.488	3.9	20.6
4 21	12 17.19	− 9 37.2	2.552	3.492	6.8	20.8
5 1	12 11.57	− 9 7.6	2.625	3.497	9.6	20.9

199571 2006 EK_{62} 3 29.7 335.°55 1.°0/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.22	−10 9.9	1.636	2.441	16.5	19.6
3 2	12 50.13	− 9 36.9	1.545	2.431	13.1	19.3
3 12	12 45.67	− 8 42.7	1.474	2.421	9.1	19.1
3 22	12 39.38	− 7 30.2	1.426	2.412	4.5	18.8
4 1	12 32.16	− 6 5.7	1.405	2.404	1.2	18.5
4 11	12 25.11	− 4 38.2	1.411	2.396	5.7	18.8
4 21	12 19.24	− 3 16.9	1.442	2.389	10.4	19.0
5 1	12 15.38	− 2 9.7	1.495	2.383	14.5	19.3

206880 2004 FU_{151} 3 29.7 45.°24 0.°5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.62	− 4 9.5	2.048	2.851	13.7	20.5
3 2	12 52.85	− 3 47.4	1.967	2.856	10.6	20.3
3 12	12 47.09	− 3 14.2	1.909	2.861	7.0	20.1
3 22	12 39.89	− 2 33.4	1.877	2.866	3.0	19.9
4 1	12 32.04	− 1 49.9	1.874	2.872	1.3	19.7
4 11	12 24.44	− 1 9.2	1.898	2.877	5.3	20.0
4 21	12 17.90	− 0 36.2	1.950	2.883	9.0	20.3
5 1	12 13.06	− 0 14.6	2.025	2.889	12.3	20.5

470513 2008 CV_{129} 3 29.7 137.°66 0.°7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.47	− 4 4.8	2.582	3.377	11.4	21.6
3 2	12 50.77	− 3 25.1	2.496	3.382	8.8	21.4
3 12	12 45.51	− 2 35.7	2.435	3.386	5.8	21.2
3 22	12 39.14	− 1 40.0	2.402	3.391	2.5	21.0
4 1	12 32.26	− 0 42.6	2.398	3.395	1.3	20.9
4 11	12 25.58	+ 0 11.5	2.424	3.399	4.6	21.2
4 21	12 19.71	+ 0 58.1	2.477	3.403	7.7	21.4
5 1	12 15.15	+ 1 33.8	2.556	3.407	10.5	21.6

461395 2001 SB_{64} 3 29.7 110.°37 0.°8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.47	−10 39.1	2.173	2.945	14.0	21.4
3 2	12 54.04	− 9 52.2	2.099	2.967	11.0	21.3
3 12	12 47.73	− 8 49.0	2.049	2.989	7.5	21.1
3 22	12 40.12	− 7 33.2	2.026	3.010	3.6	20.9
4 1	12 32.00	− 6 10.4	2.032	3.031	1.0	20.7
4 11	12 24.24	− 4 47.6	2.068	3.050	4.5	21.0
4 21	12 17.57	− 3 31.2	2.133	3.070	8.2	21.3
5 1	12 12.57	− 2 26.6	2.223	3.088	11.3	21.5

338069 2002 PR_{16} 3 29.7 285.°21 3.°9/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.04	−16 11.9	2.065	2.819	15.2	21.1
3 2	12 53.55	−16 24.9	1.953	2.800	12.7	20.8
3 12	12 47.84	−16 19.8	1.862	2.781	9.5	20.6
3 22	12 40.36	−15 55.9	1.795	2.762	6.2	20.4
4 1	12 31.88	−15 14.8	1.755	2.743	4.0	20.2
4 11	12 23.38	−14 21.1	1.742	2.723	5.4	20.2
4 21	12 15.85	−13 21.0	1.757	2.704	8.8	20.4
5 1	12 10.09	−12 21.7	1.796	2.685	12.4	20.6

214077 2004 GQ_{88} 3 29.7 205.°54 4.°4/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.94	+10 3.3	2.508	3.323	11.1	20.3
3 2	12 54.26	+10 42.0	2.428	3.321	8.7	20.1
3 12	12 47.84	+11 21.1	2.372	3.319	6.2	20.0
3 22	12 40.18	+11 55.4	2.345	3.317	4.5	19.8
4 1	12 31.97	+12 20.3	2.346	3.314	5.1	19.9
4 11	12 23.99	+12 31.7	2.376	3.312	7.3	20.0
4 21	12 16.91	+12 28.0	2.432	3.309	9.9	20.2
5 1	12 11.32	+12 8.6	2.511	3.306	12.3	20.3

253010 2002 RQ_{108} 3 29.7 205.°47 0.°3/29.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.61	− 5 38.0	2.121	2.911	13.7	21.9
3 2	12 55.21	− 5 5.1	2.025	2.906	10.7	21.7
3 12	12 48.72	− 4 18.9	1.952	2.900	7.1	21.5
3 22	12 40.66	− 3 23.0	1.906	2.894	3.1	21.2
4 1	12 31.82	− 2 22.4	1.889	2.887	1.2	21.1
4 11	12 23.13	− 1 23.4	1.901	2.880	5.3	21.3
4 21	12 15.46	− 0 31.9	1.941	2.871	9.2	21.5
5 1	12 9.52	+ 0 7.5	2.006	2.862	12.7	21.7

269998 2000 XO_{41} 3 29.7 145.°99 3.°3/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.27	−14 28.2	2.326	3.069	14.0	20.9
3 2	12 57.06	−14 49.9	2.235	3.077	11.4	20.7
3 12	12 49.84	−14 56.8	2.167	3.085	8.4	20.5
3 22	12 41.12	−14 49.2	2.125	3.093	5.3	20.3
4 1	12 31.70	−14 28.7	2.112	3.100	3.3	20.2
4 11	12 22.47	−13 58.9	2.128	3.107	4.8	20.3
4 21	12 14.27	−13 24.6	2.172	3.113	7.8	20.5
5 1	12 7.77	−12 50.9	2.242	3.119	10.8	20.7

371058 2005 UE_{235} 3 29.7 205.°98 1.°0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.15	− 3 48.9	2.253	3.048	12.9	22.6
3 2	12 53.94	− 3 7.3	2.158	3.043	10.0	22.4
3 12	12 47.80	− 2 14.1	2.087	3.038	6.6	22.2
3 22	12 40.23	− 1 13.2	2.043	3.032	2.8	22.0
4 1	12 31.96	− 0 10.0	2.028	3.025	1.7	21.9
4 11	12 23.84	+ 0 49.6	2.043	3.018	5.4	22.1
4 21	12 16.66	+ 1 40.1	2.086	3.010	9.0	22.3
5 1	12 11.08	+ 2 17.6	2.153	3.002	12.3	22.5

413183 2002 RH_{243} 3 29.7 153.°13 3.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.26	+ 4 2.1	1.857	2.675	14.3	21.4
3 2	12 56.61	+ 4 48.4	1.782	2.680	11.0	21.2
3 12	12 49.67	+ 5 40.8	1.730	2.685	7.3	21.0
3 22	12 41.07	+ 6 33.2	1.705	2.689	4.2	20.8
4 1	12 31.72	+ 7 18.8	1.707	2.692	4.5	20.8
4 11	12 22.72	+ 7 51.3	1.738	2.696	7.8	21.0
4 21	12 14.98	+ 8 7.1	1.794	2.699	11.4	21.2
5 1	12 9.22	+ 8 4.6	1.873	2.702	14.6	21.4

87064 2000 KW_{54} 3 29.7 249.°88 5.°0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.64	+ 7 42.0	1.990	2.812	13.3	20.0
3 2	12 55.42	+ 8 43.2	1.899	2.798	10.4	19.8
3 12	12 48.96	+ 9 49.0	1.833	2.784	7.3	19.6
3 22	12 40.82	+10 52.5	1.793	2.769	5.1	19.4
4 1	12 31.80	+11 46.2	1.781	2.754	5.9	19.4
4 11	12 22.93	+12 23.6	1.797	2.739	8.9	19.6
4 21	12 15.14	+12 40.8	1.838	2.723	12.2	19.7
5 1	12 9.20	+12 36.6	1.900	2.706	15.3	19.9

415517 2014 QC_{18} 3 29.7 111.°84 0.°8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.46	− 8 21.0	1.733	2.526	16.2	22.1
3 2	12 56.15	− 7 59.8	1.658	2.538	12.8	21.9
3 12	12 49.44	− 7 22.1	1.605	2.550	8.7	21.7
3 22	12 40.99	− 6 31.0	1.576	2.562	4.1	21.4
4 1	12 31.77	− 5 32.1	1.575	2.573	1.1	21.2
4 11	12 22.92	− 4 32.6	1.602	2.585	5.5	21.5
4 21	12 15.43	− 3 39.6	1.655	2.595	9.8	21.8
5 1	12 10.03	− 2 58.4	1.732	2.606	13.6	22.1

76507 2000 GX_{28} 3 29.7 74.°60 0.°3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.91	− 6 53.0	2.072	2.865	13.9	19.9
3 2	12 53.06	− 6 33.6	1.991	2.873	10.9	19.7
3 12	12 47.23	− 6 1.2	1.933	2.880	7.3	19.5
3 22	12 39.97	− 5 18.9	1.901	2.888	3.4	19.2
4 1	12 32.07	− 4 31.2	1.897	2.896	0.9	19.0
4 11	12 24.43	− 3 43.8	1.922	2.904	4.9	19.3
4 21	12 17.85	− 3 1.9	1.974	2.911	8.6	19.6
5 1	12 12.96	− 2 29.9	2.050	2.919	11.9	19.8

218784 2005 YQ_1 3 29.7 182.°51 0.°2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.91	− 4 22.0	2.695	3.471	11.5	21.2
3 2	12 56.45	− 4 9.8	2.599	3.472	9.0	21.0
3 12	12 49.27	− 3 49.2	2.528	3.472	6.0	20.8
3 22	12 40.85	− 3 22.5	2.485	3.472	2.6	20.6
4 1	12 31.82	− 2 53.0	2.473	3.471	0.9	20.4
4 11	12 22.95	− 2 24.5	2.491	3.469	4.3	20.7
4 21	12 14.93	− 2 0.5	2.540	3.466	7.5	20.9
5 1	12 8.34	− 1 44.1	2.614	3.462	10.4	21.0

254838 2005 QX_{174} 3 29.7 246.°93 2.°3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.18	−14 44.7	2.917	3.659	11.5	21.3
3 2	12 51.35	−14 29.6	2.799	3.642	9.4	21.2
3 12	12 45.96	−14 0.4	2.703	3.624	6.8	21.0
3 22	12 39.40	−13 17.9	2.635	3.606	4.1	20.8
4 1	12 32.23	−12 24.5	2.595	3.587	2.3	20.6
4 11	12 25.09	−11 24.2	2.586	3.568	3.8	20.7
4 21	12 18.62	−10 21.7	2.606	3.548	6.6	20.8
5 1	12 13.35	− 9 21.8	2.653	3.528	9.4	21.0

109461 2001 QR_{212} 3 29.7 258.°78 2.°0/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.80	−10 30.1	2.300	3.069	13.4	19.5
3 2	12 54.50	−10 41.2	2.199	3.061	10.8	19.3
3 12	12 48.23	−10 39.6	2.120	3.054	7.6	19.1
3 22	12 40.47	−10 26.2	2.068	3.047	4.2	18.9
4 1	12 31.93	−10 3.4	2.044	3.039	2.0	18.7
4 11	12 23.49	− 9 35.0	2.049	3.032	4.5	18.9
4 21	12 15.96	− 9 5.5	2.082	3.024	8.0	19.1
5 1	12 10.03	− 8 39.7	2.140	3.017	11.2	19.2

73210 2002 JA_{20} 3 29.7 297.°07 4.°1/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.71	+ 2 48.2	1.477	2.311	16.5	19.7
3 2	12 55.44	+ 3 36.9	1.392	2.299	12.8	19.4
3 12	12 49.38	+ 4 36.0	1.328	2.287	8.6	19.1
3 22	12 41.12	+ 5 38.3	1.288	2.275	4.7	18.8
4 1	12 31.73	+ 6 34.8	1.275	2.263	5.0	18.8
4 11	12 22.52	+ 7 16.8	1.287	2.251	9.2	19.0
4 21	12 14.73	+ 7 38.4	1.322	2.240	13.7	19.2
5 1	12 9.32	+ 7 36.8	1.378	2.229	17.7	19.5

241724 2000 UU_{114} 3 29.7 248.°74 4.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.63	+ 9 40.4	2.611	3.420	10.9	20.2
3 2	12 55.57	+10 9.7	2.518	3.408	8.5	20.1
3 12	12 48.75	+10 39.3	2.450	3.396	6.0	19.9
3 22	12 40.64	+11 4.8	2.410	3.384	4.2	19.7
4 1	12 31.90	+11 21.6	2.399	3.371	4.7	19.7
4 11	12 23.31	+11 26.2	2.418	3.358	7.0	19.9
4 21	12 15.58	+11 16.6	2.464	3.345	9.7	20.0
5 1	12 9.31	+10 52.4	2.533	3.331	12.2	20.2

85935 1999 CG_{149} 3 29.7 295.°16 0.°3/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.85	− 6 53.9	1.722	2.527	15.8	20.5
3 2	12 53.71	− 6 35.6	1.621	2.509	12.5	20.2
3 12	12 48.11	− 6 0.9	1.542	2.492	8.5	19.9
3 22	12 40.54	− 5 12.7	1.487	2.475	3.9	19.6
4 1	12 31.90	− 4 16.1	1.459	2.457	1.0	19.3
4 11	12 23.31	− 3 18.3	1.458	2.440	6.0	19.6
4 21	12 15.86	− 2 26.9	1.482	2.424	10.7	19.8
5 1	12 10.46	− 1 47.8	1.529	2.407	14.8	20.1

500945 2013 QC_6 3 29.7 201.°13 1.°1/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.60	−10 25.8	2.775	3.533	11.6	23.0
3 2	12 53.96	−10 1.0	2.669	3.527	9.2	22.8
3 12	12 47.67	− 9 23.5	2.587	3.521	6.4	22.6
3 22	12 40.16	− 8 35.1	2.532	3.514	3.3	22.4
4 1	12 32.06	− 7 39.0	2.508	3.506	1.1	22.2
4 11	12 24.05	− 6 40.0	2.515	3.497	3.9	22.4
4 21	12 16.82	− 5 42.7	2.551	3.487	7.0	22.6
5 1	12 10.90	− 4 51.6	2.615	3.476	9.9	22.7

240384 2003 SJ_{327} 3 29.7 53.°99 0.°1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.57	− 3 32.0	1.874	2.670	15.1	20.4
3 2	12 58.41	− 3 49.2	1.794	2.678	11.8	20.2
3 12	12 50.90	− 3 57.4	1.738	2.686	7.9	20.0
3 22	12 41.66	− 3 58.7	1.707	2.695	3.5	19.8
4 1	12 31.64	− 3 56.2	1.705	2.703	1.0	19.6
4 11	12 21.94	− 3 54.0	1.731	2.712	5.4	19.9
4 21	12 13.53	− 3 55.7	1.784	2.721	9.5	20.2
5 1	12 7.17	− 4 4.4	1.862	2.730	13.0	20.4

435365 2007 VD_{287} 3 29.7 137.°18 0.°7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.25	− 9 39.0	2.546	3.320	12.2	21.5
3 2	12 51.42	− 9 3.6	2.459	3.328	9.6	21.3
3 12	12 45.98	− 8 14.8	2.396	3.336	6.5	21.1
3 22	12 39.40	− 7 15.5	2.360	3.344	3.2	20.9
4 1	12 32.31	− 6 9.8	2.353	3.351	0.9	20.7
4 11	12 25.42	− 5 3.1	2.376	3.358	4.0	21.0
4 21	12 19.38	− 4 0.6	2.428	3.365	7.3	21.2
5 1	12 14.70	− 3 6.7	2.506	3.372	10.2	21.4

429512 2011 BM_{25} 3 29.8 83.°73 11.°6/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.45	+25 45.8	1.810	2.634	14.4	20.1
3 2	12 54.73	+27 55.5	1.768	2.637	12.6	20.0
3 12	12 48.55	+29 52.8	1.748	2.641	11.7	19.9
3 22	12 40.63	+31 26.7	1.753	2.644	11.9	20.0
4 1	12 31.97	+32 28.3	1.780	2.647	13.2	20.0
4 11	12 23.74	+32 53.6	1.830	2.650	15.0	20.2
4 21	12 16.93	+32 43.4	1.898	2.654	17.0	20.3
5 1	12 12.24	+32 1.7	1.982	2.657	18.8	20.5

129373 6318 *P–L* 3 29.8 79.°72 2.°3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.95	−10 10.5	1.862	2.638	15.9	20.2
3 2	12 57.93	−10 30.2	1.788	2.654	12.7	20.0
3 12	12 50.57	−10 35.3	1.735	2.671	8.9	19.8
3 22	12 41.51	−10 26.8	1.708	2.687	4.9	19.6
4 1	12 31.72	−10 7.4	1.708	2.704	2.3	19.5
4 11	12 22.30	− 9 42.0	1.737	2.720	5.1	19.7
4 21	12 14.20	− 9 15.9	1.792	2.736	9.0	20.0
5 1	12 8.16	− 8 54.2	1.872	2.752	12.4	20.2

62219 2000 SY_{65} 3 29.8 151.°06 0.°2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.50	− 4 50.0	2.700	3.486	11.2	20.5
3 2	12 52.29	− 4 28.7	2.612	3.491	8.7	20.3
3 12	12 46.52	− 3 58.4	2.549	3.496	5.8	20.1
3 22	12 39.64	− 3 21.8	2.513	3.501	2.5	19.9
4 1	12 32.27	− 2 42.5	2.507	3.505	0.9	19.8
4 11	12 25.07	− 2 4.5	2.531	3.510	4.2	20.0
4 21	12 18.67	− 1 31.8	2.584	3.514	7.3	20.2
5 1	12 13.58	− 1 7.2	2.662	3.517	10.0	20.4

310055 2010 JW_{40} 3 29.8 247.°91 3.°1/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.28	+ 1 41.0	1.721	2.538	15.3	21.4
3 2	12 57.91	+ 2 21.2	1.626	2.523	11.9	21.2
3 12	12 50.90	+ 3 11.2	1.552	2.508	7.9	20.9
3 22	12 41.81	+ 4 5.4	1.505	2.492	4.1	20.6
4 1	12 31.60	+ 4 56.5	1.484	2.475	4.0	20.6
4 11	12 21.49	+ 5 36.9	1.492	2.458	8.0	20.8
4 21	12 12.63	+ 6 1.1	1.525	2.440	12.3	21.0
5 1	12 5.95	+ 6 6.0	1.579	2.422	16.2	21.2

358964 2008 QD_{14} 3 29.8 133.°40 0.°3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.57	− 6 20.1	1.745	2.540	16.1	22.6
3 2	12 57.74	− 5 40.8	1.672	2.555	12.5	22.4
3 12	12 50.48	− 4 45.7	1.620	2.569	8.3	22.2
3 22	12 41.49	− 3 39.4	1.594	2.582	3.6	21.9
4 1	12 31.74	− 2 28.5	1.597	2.595	1.3	21.8
4 11	12 22.41	− 1 20.9	1.628	2.607	6.0	22.1
4 21	12 14.47	− 0 23.7	1.686	2.618	10.3	22.4
5 1	12 8.66	+ 0 18.4	1.767	2.628	14.0	22.6

99306 2001 SC_{101} 3 29.8 292.°57 1.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 49.09	+ 0 10.9	4.307	5.105	7.1	19.6
3 2	12 46.08	+ 0 41.3	4.215	5.103	5.4	19.5
3 12	12 42.18	+ 1 15.7	4.149	5.102	3.5	19.4
3 22	12 37.66	+ 1 51.9	4.112	5.100	1.6	19.2
4 1	12 32.86	+ 2 27.3	4.106	5.098	1.4	19.2
4 11	12 28.14	+ 2 59.6	4.130	5.097	3.3	19.3
4 21	12 23.85	+ 3 26.5	4.183	5.095	5.2	19.5
5 1	12 20.28	+ 3 46.5	4.262	5.094	7.0	19.6

227490 2005 XO_{34} 3 29.8 182.°95 0.°1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.77	− 6 26.0	2.014	2.809	14.2	20.9
3 2	12 53.87	− 5 57.2	1.926	2.809	11.1	20.7
3 12	12 47.88	− 5 14.4	1.861	2.809	7.4	20.4
3 22	12 40.35	− 4 21.2	1.821	2.809	3.3	20.2
4 1	12 32.07	− 3 22.6	1.810	2.809	1.0	20.0
4 11	12 24.00	− 2 25.2	1.827	2.808	5.2	20.3
4 21	12 17.00	− 1 34.7	1.872	2.807	9.2	20.5
5 1	12 11.77	− 0 56.0	1.941	2.806	12.7	20.7

35746 1999 GX_{31} 3 29.8 242.°43 3.°0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.22	+ 1 17.8	1.742	2.559	15.1	19.1
3 2	12 57.00	+ 2 1.8	1.649	2.547	11.7	18.8
3 12	12 50.24	+ 2 56.1	1.579	2.535	7.8	18.6
3 22	12 41.50	+ 3 54.8	1.535	2.522	3.9	18.3
4 1	12 31.71	+ 4 50.7	1.518	2.508	3.9	18.3
4 11	12 22.07	+ 5 36.0	1.528	2.494	7.8	18.5
4 21	12 13.66	+ 6 5.3	1.564	2.480	12.1	18.7
5 1	12 7.37	+ 6 15.2	1.623	2.465	15.9	18.9

54369 2000 KS_{50} 3 29.8 250.°09 5.°5/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.40	+11 16.3	2.293	3.118	11.7	18.4
3 2	12 52.57	+12 26.7	2.214	3.111	9.2	18.2
3 12	12 46.90	+13 38.1	2.159	3.104	6.8	18.0
3 22	12 39.88	+14 44.1	2.132	3.096	5.6	17.9
4 1	12 32.22	+15 37.9	2.132	3.089	6.4	18.0
4 11	12 24.75	+16 14.3	2.160	3.081	8.8	18.1
4 21	12 18.22	+16 30.7	2.212	3.073	11.4	18.3
5 1	12 13.24	+16 26.4	2.287	3.066	13.9	18.4

322851 2001 TO_{258} 3 29.8 205.°89 7.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.93	+14 57.2	2.047	2.866	13.1	21.0
3 2	12 57.81	+15 58.2	1.973	2.863	10.6	20.8
3 12	12 50.46	+16 56.5	1.923	2.859	8.2	20.7
3 22	12 41.48	+17 44.6	1.899	2.854	7.0	20.6
4 1	12 31.76	+18 15.6	1.902	2.849	7.9	20.6
4 11	12 22.36	+18 24.8	1.933	2.844	10.2	20.8
4 21	12 14.17	+18 10.8	1.987	2.839	12.9	20.9
5 1	12 7.90	+17 34.7	2.063	2.833	15.5	21.1

8067 Helfenstein 3 29.8 175.°95 3.°8/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.90	−14 57.5	2.200	2.941	14.8	17.6
3 2	12 58.57	−15 28.6	2.103	2.943	12.1	17.4
3 12	12 51.02	−15 44.7	2.029	2.945	9.1	17.2
3 22	12 41.78	−15 45.2	1.980	2.946	5.9	17.0
4 1	12 31.66	−15 31.0	1.960	2.946	3.8	16.9
4 11	12 21.69	−15 5.6	1.969	2.946	5.2	16.9
4 21	12 12.79	−14 34.0	2.005	2.946	8.3	17.1
5 1	12 5.73	−14 1.8	2.068	2.945	11.5	17.3

105277 2000 QE_{33} 3 29.8 90.°58 1.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.15	+ 1 38.5	2.393	3.193	12.1	19.1
3 2	12 55.95	+ 1 48.6	2.319	3.207	9.2	19.0
3 12	12 48.96	+ 2 3.4	2.269	3.221	6.0	18.8
3 22	12 40.73	+ 2 19.7	2.247	3.234	2.8	18.6
4 1	12 32.00	+ 2 33.7	2.255	3.248	2.3	18.6
4 11	12 23.57	+ 2 41.8	2.292	3.261	5.3	18.8
4 21	12 16.15	+ 2 41.6	2.357	3.274	8.5	19.0
5 1	12 10.30	+ 2 31.4	2.447	3.287	11.3	19.2

198678 2005 CN_5 3 29.8 100.°14 2.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.98	+ 1 8.0	2.083	2.899	13.0	20.3
3 2	12 52.34	+ 2 4.2	2.006	2.904	9.9	20.1
3 12	12 46.77	+ 3 8.7	1.952	2.909	6.5	19.9
3 22	12 39.82	+ 4 16.2	1.926	2.913	3.3	19.7
4 1	12 32.25	+ 5 20.0	1.929	2.918	3.5	19.7
4 11	12 24.94	+ 6 13.8	1.959	2.922	6.7	19.9
4 21	12 18.66	+ 6 53.1	2.016	2.926	10.1	20.1
5 1	12 14.03	+ 7 15.3	2.096	2.931	13.1	20.3

150820 2001 RV_{127} 3 29.8 285.°40 2.°0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.68	− 1 52.5	1.393	2.220	17.7	20.3
3 2	12 56.49	− 1 21.5	1.303	2.205	13.9	20.0
3 12	12 50.28	− 0 35.4	1.233	2.191	9.2	19.7
3 22	12 41.66	+ 0 20.6	1.186	2.176	4.1	19.3
4 1	12 31.69	+ 1 18.5	1.165	2.161	3.0	19.2
4 11	12 21.83	+ 2 9.1	1.170	2.146	8.1	19.5
4 21	12 13.44	+ 2 44.5	1.198	2.132	13.3	19.7
5 1	12 7.60	+ 2 59.8	1.247	2.117	18.0	19.9

143510 2003 EN_4 3 29.8 38.°00 3.°8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.62	−13 13.9	1.292	2.090	20.5	18.9
3 2	12 56.16	−13 36.2	1.238	2.114	16.5	18.7
3 12	12 49.74	−13 35.0	1.202	2.139	11.8	18.5
3 22	12 41.22	−13 11.4	1.187	2.165	7.0	18.3
4 1	12 31.88	−12 29.9	1.197	2.191	3.8	18.1
4 11	12 23.18	−11 38.5	1.232	2.218	6.3	18.4
4 21	12 16.30	−10 46.4	1.292	2.246	10.7	18.7
5 1	12 12.01	−10 1.6	1.373	2.274	14.7	19.0

224590 2005 XO_{74} 3 29.8 83.°74 0.°2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.36	− 5 52.1	1.870	2.666	15.1	20.9
3 2	12 55.88	− 5 40.2	1.797	2.681	11.8	20.7
3 12	12 49.19	− 5 15.7	1.747	2.695	7.9	20.5
3 22	12 40.91	− 4 41.5	1.722	2.710	3.5	20.3
4 1	12 31.96	− 4 2.6	1.726	2.724	0.9	20.1
4 11	12 23.38	− 3 24.6	1.757	2.739	5.3	20.4
4 21	12 16.05	− 2 52.8	1.815	2.753	9.3	20.7
5 1	12 10.67	− 2 31.2	1.898	2.767	12.8	21.0

460159 2014 QN_{20} 3 29.8 198.°50 1.°3/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.60	−11 24.3	1.836	2.617	15.9	22.3
3 2	12 54.82	−10 46.9	1.743	2.615	12.7	22.0
3 12	12 48.68	− 9 48.9	1.672	2.612	8.8	21.8
3 22	12 40.78	− 8 33.2	1.625	2.608	4.5	21.5
4 1	12 31.98	− 7 5.5	1.606	2.604	1.4	21.3
4 11	12 23.38	− 5 34.1	1.616	2.600	5.3	21.6
4 21	12 15.97	− 4 7.8	1.653	2.595	9.7	21.8
5 1	12 10.53	− 2 54.0	1.715	2.589	13.6	22.0

472049 2013 YS_{46} 3 29.8 283.°75 5.°6/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.75	+11 7.9	2.140	2.966	12.4	20.7
3 2	12 53.69	+12 8.2	2.067	2.965	9.7	20.5
3 12	12 47.66	+13 8.9	2.018	2.964	7.1	20.3
3 22	12 40.23	+14 3.3	1.996	2.963	5.6	20.2
4 1	12 32.16	+14 45.0	2.001	2.963	6.4	20.3
4 11	12 24.37	+15 9.0	2.034	2.962	8.8	20.4
4 21	12 17.62	+15 13.0	2.091	2.961	11.6	20.6
5 1	12 12.56	+14 56.9	2.170	2.960	14.2	20.7

303870 2005 SG_{293} 3 29.8 204.°12 1.°4/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.93	−10 41.6	2.861	3.622	11.3	21.8
3 2	12 51.87	−10 31.0	2.759	3.618	9.0	21.6
3 12	12 46.29	−10 8.9	2.681	3.614	6.3	21.4
3 22	12 39.60	− 9 36.7	2.630	3.610	3.4	21.2
4 1	12 32.36	− 8 57.1	2.609	3.605	1.4	21.1
4 11	12 25.22	− 8 13.9	2.618	3.600	3.7	21.2
4 21	12 18.80	− 7 31.2	2.655	3.595	6.6	21.4
5 1	12 13.62	− 6 53.0	2.720	3.590	9.3	21.6

390192 2012 WD_{23} 3 29.8 82.°38 3.°2/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.08	+ 5 4.1	2.321	3.136	11.9	21.0
3 2	12 53.71	+ 5 37.8	2.247	3.143	9.1	20.9
3 12	12 47.56	+ 6 14.9	2.196	3.150	6.1	20.7
3 22	12 40.16	+ 6 51.0	2.173	3.156	3.6	20.5
4 1	12 32.21	+ 7 21.0	2.179	3.163	3.8	20.5
4 11	12 24.53	+ 7 40.9	2.214	3.170	6.5	20.7
4 21	12 17.83	+ 7 47.8	2.275	3.177	9.5	20.9
5 1	12 12.67	+ 7 40.6	2.360	3.184	12.1	21.1

183247 2002 TB_{124} 3 29.8 259.°90 6.°7/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 5.04	−18 47.4	1.779	2.516	17.9	20.6
3 2	13 0.29	−19 55.9	1.680	2.509	15.2	20.4
3 12	12 52.68	−20 46.6	1.600	2.501	12.0	20.1
3 22	12 42.73	−21 16.2	1.544	2.493	8.8	19.9
4 1	12 31.42	−21 22.7	1.513	2.486	6.8	19.8
4 11	12 20.09	−21 8.3	1.509	2.478	7.6	19.8
4 21	12 10.03	−20 38.7	1.531	2.470	10.6	20.0
5 1	12 2.32	−20 1.5	1.576	2.462	14.0	20.1

522352 2016 CJ_{298} 3 29.8 317.°79 1.°8/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.84	− 2 2.2	1.407	2.238	17.4	21.4
3 2	12 54.20	− 1 34.3	1.318	2.223	13.6	21.1
3 12	12 48.71	− 0 51.8	1.249	2.208	9.0	20.8
3 22	12 40.95	+ 0 0.5	1.204	2.194	4.0	20.5
4 1	12 31.95	+ 0 54.9	1.184	2.181	2.7	20.3
4 11	12 23.08	+ 1 42.4	1.190	2.168	7.8	20.6
4 21	12 15.62	+ 2 15.6	1.218	2.155	12.9	20.9
5 1	12 10.59	+ 2 29.6	1.268	2.143	17.4	21.1

416962 2005 ST_{222} 3 29.8 215.°72 7.°1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.98	−26 34.4	2.254	2.935	16.0	21.0
3 2	12 55.77	−27 5.9	2.148	2.929	14.0	20.8
3 12	12 49.31	−27 15.4	2.060	2.922	11.6	20.6
3 22	12 41.10	−27 0.4	1.995	2.914	9.2	20.4
4 1	12 31.92	−26 20.4	1.955	2.906	7.4	20.3
4 11	12 22.81	−25 18.6	1.942	2.897	7.3	20.3
4 21	12 14.73	−24 1.0	1.956	2.888	9.0	20.4
5 1	12 8.48	−22 35.9	1.995	2.879	11.6	20.5

334628 2002 VV_{76} 3 29.8 145.°18 0.°7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.39	− 9 11.0	2.936	3.701	10.9	22.5
3 2	12 52.07	− 8 40.7	2.848	3.713	8.6	22.3
3 12	12 46.32	− 7 59.3	2.786	3.724	5.8	22.1
3 22	12 39.58	− 7 9.2	2.751	3.735	2.8	22.0
4 1	12 32.40	− 6 13.8	2.746	3.745	0.8	21.8
4 11	12 25.41	− 5 17.5	2.773	3.754	3.6	22.0
4 21	12 19.18	− 4 24.4	2.829	3.763	6.5	22.2
5 1	12 14.15	− 3 38.3	2.911	3.772	9.1	22.4

307186 2002 EQ_{104} 3 29.8 4.°66 3.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.42	− 0 15.5	1.145	1.996	19.2	19.7
3 2	12 53.41	+ 0 24.1	1.079	1.995	14.8	19.4
3 12	12 48.27	+ 1 18.5	1.032	1.995	9.7	19.1
3 22	12 40.73	+ 2 20.1	1.006	1.996	4.6	18.8
4 1	12 32.05	+ 3 18.6	1.005	1.999	4.1	18.8
4 11	12 23.81	+ 4 3.9	1.026	2.002	9.1	19.1
4 21	12 17.33	+ 4 28.7	1.070	2.007	14.2	19.4
5 1	12 13.58	+ 4 29.8	1.132	2.013	18.7	19.6

49880 1999 XP_{135} 3 29.8 193.°57 1.°4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.40	− 3 31.8	1.831	2.631	15.2	19.9
3 2	12 57.72	− 2 46.3	1.741	2.629	11.8	19.6
3 12	12 50.61	− 1 46.7	1.674	2.626	7.8	19.4
3 22	12 41.66	− 0 37.9	1.634	2.623	3.4	19.1
4 1	12 31.79	+ 0 33.2	1.622	2.618	2.2	19.0
4 11	12 22.13	+ 1 38.8	1.639	2.613	6.5	19.3
4 21	12 13.72	+ 2 32.3	1.683	2.607	10.8	19.5
5 1	12 7.36	+ 3 8.9	1.750	2.599	14.6	19.7

58217 Peterhebel 3 29.8 180.°89 0.°5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.73	− 7 27.8	2.383	3.160	12.8	20.2
3 2	12 55.07	− 7 8.1	2.290	3.161	10.1	20.0
3 12	12 48.54	− 6 36.3	2.219	3.162	6.8	19.8
3 22	12 40.65	− 5 54.9	2.176	3.162	3.2	19.6
4 1	12 32.09	− 5 7.7	2.163	3.161	0.8	19.4
4 11	12 23.72	− 4 19.7	2.179	3.160	4.5	19.7
4 21	12 16.27	− 3 35.9	2.224	3.158	8.0	19.9
5 1	12 10.37	− 3 0.4	2.295	3.156	11.1	20.1

243428 2009 CL_{58} 3 29.8 258.°70 2.°6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.49	+ 0 3.2	2.406	3.218	11.6	20.7
3 2	12 50.30	+ 1 22.7	2.310	3.206	8.9	20.4
3 12	12 45.41	+ 2 52.8	2.239	3.195	5.8	20.2
3 22	12 39.27	+ 4 27.8	2.196	3.183	3.1	20.0
4 1	12 32.48	+ 6 1.2	2.184	3.171	3.4	20.0
4 11	12 25.81	+ 7 25.8	2.200	3.158	6.4	20.2
4 21	12 19.94	+ 8 36.2	2.244	3.146	9.6	20.4
5 1	12 15.46	+ 9 28.7	2.312	3.133	12.5	20.5

401098 2011 UO_{189} 3 29.8 172.°12 3.°7/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.84	+ 3 8.0	1.830	2.646	14.6	22.0
3 2	12 57.18	+ 4 6.4	1.752	2.650	11.2	21.8
3 12	12 50.16	+ 5 12.8	1.698	2.652	7.5	21.6
3 22	12 41.42	+ 6 20.6	1.670	2.655	4.2	21.4
4 1	12 31.89	+ 7 21.9	1.671	2.656	4.5	21.4
4 11	12 22.66	+ 8 9.7	1.699	2.657	8.0	21.6
4 21	12 14.71	+ 8 39.5	1.754	2.657	11.7	21.9
5 1	12 8.78	+ 8 49.2	1.830	2.657	15.0	22.1

274570 2008 SE_{298} 3 29.8 252.°94 0.°5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.65	− 6 7.1	2.105	2.902	13.6	20.9
3 2	12 52.25	− 5 22.2	2.007	2.892	10.6	20.7
3 12	12 46.85	− 4 22.6	1.932	2.882	7.1	20.4
3 22	12 39.96	− 3 12.2	1.883	2.872	3.1	20.2
4 1	12 32.29	− 1 56.5	1.863	2.861	1.2	20.0
4 11	12 24.75	− 0 42.7	1.872	2.850	5.4	20.3
4 21	12 18.16	+ 0 22.8	1.908	2.840	9.3	20.5
5 1	12 13.21	+ 1 14.8	1.968	2.828	12.8	20.7

49963 1999 XH_{228} 3 29.8 242.°83 3.°3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.09	+ 2 18.4	1.969	2.783	13.8	20.1
3 2	12 55.86	+ 3 10.3	1.872	2.769	10.6	19.8
3 12	12 49.37	+ 4 11.1	1.799	2.754	7.1	19.6
3 22	12 41.12	+ 5 15.4	1.752	2.738	3.8	19.4
4 1	12 31.95	+ 6 15.9	1.734	2.721	4.0	19.3
4 11	12 22.88	+ 7 5.7	1.744	2.705	7.5	19.5
4 21	12 14.88	+ 7 39.5	1.780	2.687	11.4	19.7
5 1	12 8.72	+ 7 54.6	1.839	2.669	14.8	19.9

265611 2005 SE_{48} 3 29.8 106.°77 0.°9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.86	− 8 42.9	1.985	2.768	14.8	21.7
3 2	12 55.40	− 8 24.1	1.910	2.784	11.6	21.5
3 12	12 48.84	− 7 50.6	1.857	2.799	7.9	21.3
3 22	12 40.78	− 7 5.1	1.829	2.814	3.8	21.1
4 1	12 32.08	− 6 12.5	1.830	2.829	1.1	20.9
4 11	12 23.72	− 5 18.7	1.860	2.843	4.9	21.2
4 21	12 16.55	− 4 29.8	1.918	2.857	8.7	21.5
5 1	12 11.20	− 3 50.5	2.000	2.871	12.1	21.7

506341 2017 OQ_{48} 3 29.8 257.°58 5.°4/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.17	−18 41.0	2.016	2.747	16.3	22.0
3 2	12 58.63	−19 14.2	1.895	2.723	13.8	21.8
3 12	12 51.51	−19 29.1	1.795	2.699	10.8	21.5
3 22	12 42.23	−19 23.2	1.719	2.674	7.6	21.3
4 1	12 31.62	−18 56.2	1.669	2.648	5.5	21.1
4 11	12 20.84	−18 11.3	1.648	2.622	6.5	21.1
4 21	12 11.03	−17 14.5	1.653	2.595	9.7	21.2
5 1	12 3.22	−16 13.8	1.683	2.567	13.4	21.4

276543 2003 SA_{88} 3 29.8 223.°26 1.°3/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.49	− 9 53.6	2.217	2.993	13.7	21.1
3 2	12 53.57	− 9 38.6	2.119	2.988	10.9	20.9
3 12	12 47.69	− 9 9.0	2.043	2.982	7.5	20.7
3 22	12 40.33	− 8 26.8	1.993	2.976	3.9	20.4
4 1	12 32.22	− 7 35.7	1.972	2.970	1.3	20.2
4 11	12 24.24	− 6 41.2	1.980	2.963	4.6	20.4
4 21	12 17.21	− 5 48.9	2.015	2.957	8.3	20.7
5 1	12 11.79	− 5 4.0	2.076	2.950	11.6	20.8

309868 2009 DU_{80} 3 29.8 75.°21 1.°8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.03	− 2 21.4	1.452	2.273	17.4	21.5
3 2	12 56.93	− 1 41.1	1.391	2.290	13.4	21.3
3 12	12 50.14	− 0 47.4	1.351	2.308	8.7	21.1
3 22	12 41.42	+ 0 13.8	1.335	2.325	3.8	20.8
4 1	12 31.94	+ 1 14.2	1.346	2.342	2.7	20.8
4 11	12 22.99	+ 2 5.4	1.383	2.359	7.3	21.1
4 21	12 15.67	+ 2 41.5	1.445	2.376	11.8	21.4
5 1	12 10.72	+ 2 59.1	1.529	2.392	15.6	21.7

275733 2001 DU_{102} 3 29.8 51.°28 5.°7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.88	+ 8 55.4	1.857	2.690	13.7	20.0
3 2	12 53.28	+10 10.8	1.791	2.695	10.6	19.8
3 12	12 47.53	+11 29.0	1.748	2.699	7.6	19.6
3 22	12 40.23	+12 42.0	1.732	2.704	5.8	19.5
4 1	12 32.27	+13 41.7	1.743	2.709	6.7	19.6
4 11	12 24.63	+14 21.9	1.780	2.714	9.4	19.7
4 21	12 18.19	+14 39.6	1.841	2.720	12.5	19.9
5 1	12 13.61	+14 34.4	1.923	2.725	15.3	20.1

20366 Bonev 3 29.8 163.°78 3.°0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.31	+ 2 42.0	2.418	3.228	11.7	18.7
3 2	12 53.10	+ 3 45.0	2.338	3.233	8.9	18.5
3 12	12 47.18	+ 4 54.6	2.284	3.237	5.9	18.3
3 22	12 40.03	+ 6 5.5	2.257	3.241	3.3	18.1
4 1	12 32.33	+ 7 11.6	2.261	3.245	3.7	18.2
4 11	12 24.85	+ 8 7.5	2.294	3.248	6.4	18.4
4 21	12 18.28	+ 8 49.1	2.354	3.251	9.4	18.5
5 1	12 13.16	+ 9 14.4	2.437	3.253	12.1	18.7

66283 1999 JU_{13} 3 29.8 299.°72 4.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.16	+ 4 56.9	1.417	2.249	17.2	17.9
3 2	12 59.43	+ 5 21.8	1.315	2.221	13.6	17.6
3 12	12 52.47	+ 5 53.6	1.234	2.191	9.3	17.3
3 22	12 42.80	+ 6 25.7	1.177	2.162	5.3	17.0
4 1	12 31.46	+ 6 49.8	1.145	2.133	5.4	16.9
4 11	12 19.99	+ 6 57.8	1.139	2.104	9.9	17.0
4 21	12 9.92	+ 6 44.7	1.155	2.076	15.0	17.2
5 1	12 2.51	+ 6 8.6	1.192	2.047	19.6	17.4

521189 2015 FY_{411} 3 29.8 2.°12 6.°5/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.72	+13 48.2	2.105	2.934	12.4	20.6
3 2	12 52.96	+14 57.7	2.037	2.934	9.9	20.4
3 12	12 47.22	+16 5.7	1.994	2.934	7.6	20.3
3 22	12 40.08	+17 4.8	1.976	2.934	6.5	20.2
4 1	12 32.32	+17 48.3	1.986	2.934	7.5	20.3
4 11	12 24.84	+18 11.3	2.022	2.935	9.7	20.4
4 21	12 18.43	+18 12.0	2.081	2.936	12.3	20.6
5 1	12 13.71	+17 51.0	2.162	2.937	14.7	20.7

51892 2001 QB_{25} 3 29.8 204.°36 0.°3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.29	− 5 39.5	2.532	3.313	12.0	18.6
3 2	12 54.65	− 5 35.6	2.435	3.310	9.4	18.5
3 12	12 48.24	− 5 22.4	2.362	3.306	6.3	18.3
3 22	12 40.53	− 5 1.9	2.317	3.303	2.9	18.0
4 1	12 32.18	− 4 37.2	2.300	3.299	0.8	17.8
4 11	12 23.96	− 4 12.0	2.314	3.295	4.3	18.1
4 21	12 16.59	− 3 50.2	2.357	3.291	7.6	18.3
5 1	12 10.67	− 3 35.1	2.425	3.286	10.6	18.5

101012 1998 QJ_{50} 3 29.8 149.°76 0.°4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.48	− 6 27.6	1.662	2.456	16.8	19.6
3 2	12 59.50	− 6 19.0	1.582	2.463	13.2	19.4
3 12	12 51.87	− 5 55.7	1.524	2.470	8.9	19.2
3 22	12 42.25	− 5 20.4	1.490	2.477	4.1	18.9
4 1	12 31.70	− 4 38.3	1.484	2.483	1.0	18.7
4 11	12 21.49	− 3 56.0	1.506	2.488	5.9	19.0
4 21	12 12.73	− 3 19.9	1.554	2.493	10.5	19.3
5 1	12 6.27	− 2 55.2	1.626	2.497	14.5	19.6

452553 2004 XC_{73} 3 29.8 78.°01 4.°8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.55	−18 49.5	1.513	2.273	19.7	20.9
3 2	12 56.63	−18 45.9	1.448	2.296	16.2	20.7
3 12	12 49.97	−18 14.8	1.401	2.318	12.1	20.5
3 22	12 41.37	−17 17.0	1.376	2.341	7.9	20.3
4 1	12 31.97	−15 57.1	1.376	2.363	4.9	20.2
4 11	12 23.11	−14 24.2	1.403	2.386	6.2	20.3
4 21	12 15.88	−12 49.0	1.456	2.408	9.9	20.6
5 1	12 11.05	−11 21.5	1.533	2.429	13.7	20.8

511724 2015 CP_{64} 3 29.8 247.°33 1.°7/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.82	−10 15.4	2.087	2.863	14.4	21.4
3 2	12 54.78	−10 14.0	1.986	2.854	11.5	21.2
3 12	12 48.61	− 9 57.9	1.908	2.845	8.1	20.9
3 22	12 40.79	− 9 28.4	1.855	2.836	4.3	20.7
4 1	12 32.10	− 8 48.7	1.830	2.827	1.7	20.5
4 11	12 23.52	− 8 4.0	1.834	2.817	4.8	20.7
4 21	12 15.94	− 7 19.9	1.865	2.808	8.7	20.9
5 1	12 10.10	− 6 41.9	1.920	2.798	12.3	21.1

15640 2632 P–L 3 29.8 204.°58 0.°1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.79	− 5 40.5	2.808	3.588	11.0	20.3
3 2	12 52.56	− 5 15.4	2.708	3.583	8.6	20.1
3 12	12 46.77	− 4 40.7	2.633	3.578	5.7	19.9
3 22	12 39.86	− 3 58.9	2.585	3.572	2.5	19.7
4 1	12 32.39	− 3 13.4	2.567	3.566	0.8	19.5
4 11	12 25.03	− 2 28.6	2.580	3.559	4.1	19.8
4 21	12 18.41	− 1 48.5	2.622	3.552	7.2	20.0
5 1	12 13.04	− 1 16.3	2.689	3.544	9.9	20.1

178684 2000 RP_{87} 3 29.8 213.°19 0.°9/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.87	− 9 1.0	3.050	3.813	10.6	21.5
3 2	12 52.53	− 8 49.2	2.943	3.805	8.4	21.3
3 12	12 46.72	− 8 27.4	2.860	3.796	5.8	21.1
3 22	12 39.83	− 7 57.0	2.805	3.788	2.9	20.9
4 1	12 32.40	− 7 20.7	2.781	3.778	1.0	20.8
4 11	12 25.05	− 6 42.0	2.787	3.769	3.5	20.9
4 21	12 18.36	− 6 4.6	2.822	3.758	6.4	21.1
5 1	12 12.84	− 5 31.9	2.884	3.748	9.1	21.3

239288 2007 PW_{11} 3 29.8 274.°61 5.°1/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.50	+ 4 23.8	1.543	2.376	16.0	20.4
3 2	12 56.12	+ 5 33.6	1.449	2.356	12.5	20.1
3 12	12 49.96	+ 6 54.4	1.378	2.335	8.5	19.8
3 22	12 41.55	+ 8 18.1	1.331	2.314	5.4	19.6
4 1	12 31.88	+ 9 34.4	1.311	2.292	6.2	19.6
4 11	12 22.26	+10 33.2	1.316	2.271	10.1	19.7
4 21	12 13.96	+11 7.9	1.345	2.249	14.5	19.9
5 1	12 7.98	+11 15.6	1.394	2.227	18.5	20.1

25753 2000 BC_{14} 3 29.8 220.°76 3.°4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.73	+ 1 58.0	1.882	2.701	14.1	18.4
3 2	12 54.82	+ 2 57.5	1.796	2.695	10.9	18.2
3 12	12 48.65	+ 4 6.7	1.734	2.690	7.2	18.0
3 22	12 40.80	+ 5 19.0	1.698	2.683	3.9	17.8
4 1	12 32.12	+ 6 27.1	1.690	2.677	4.2	17.8
4 11	12 23.64	+ 7 23.3	1.710	2.670	7.7	17.9
4 21	12 16.30	+ 8 2.4	1.755	2.663	11.4	18.2
5 1	12 10.85	+ 8 21.7	1.823	2.655	14.8	18.4

205753 2002 CR_{22} 3 29.8 63.°41 1.°5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.21	− 4 10.0	1.393	2.217	17.9	19.9
3 2	12 54.97	− 3 19.6	1.326	2.227	13.8	19.6
3 12	12 48.98	− 2 12.0	1.280	2.237	9.0	19.4
3 22	12 40.97	− 0 53.5	1.258	2.247	3.9	19.1
4 1	12 32.09	+ 0 26.7	1.261	2.258	2.5	19.0
4 11	12 23.66	+ 1 38.4	1.291	2.269	7.4	19.4
4 21	12 16.81	+ 2 33.8	1.345	2.279	12.1	19.7
5 1	12 12.35	+ 3 8.2	1.421	2.290	16.2	19.9

377338 2004 PO_{72} 3 29.8 262.°69 1.°9/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.25	− 1 22.8	2.008	2.817	13.7	21.5
3 2	12 54.44	− 0 41.7	1.906	2.799	10.7	21.2
3 12	12 48.45	+ 0 10.8	1.827	2.781	7.0	20.9
3 22	12 40.75	+ 1 10.3	1.774	2.763	3.2	20.7
4 1	12 32.14	+ 2 10.6	1.750	2.744	2.6	20.6
4 11	12 23.59	+ 3 5.0	1.754	2.725	6.5	20.8
4 21	12 16.03	+ 3 47.5	1.784	2.706	10.5	21.0
5 1	12 10.24	+ 4 14.3	1.838	2.686	14.1	21.2

318581 2005 GE_{168} 3 29.8 309.°44 0.°7/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.84	− 7 54.4	1.455	2.270	17.7	20.6
3 2	12 53.47	− 7 38.9	1.357	2.250	14.2	20.3
3 12	12 48.30	− 7 3.6	1.279	2.231	9.7	20.0
3 22	12 40.85	− 6 10.9	1.224	2.212	4.7	19.7
4 1	12 32.09	− 5 6.4	1.194	2.193	1.2	19.4
4 11	12 23.35	− 3 59.0	1.190	2.175	6.6	19.7
4 21	12 15.92	− 2 57.8	1.210	2.157	11.9	19.9
5 1	12 10.85	− 2 11.0	1.251	2.140	16.6	20.1

419592 2010 RX_{110} 3 29.8 195.°13 0.°5/29.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.18	− 5 22.4	2.071	2.862	14.0	22.9
3 2	12 55.74	− 4 48.3	1.978	2.860	10.9	22.6
3 12	12 49.18	− 4 1.0	1.908	2.857	7.3	22.4
3 22	12 41.02	− 3 4.0	1.865	2.853	3.2	22.1
4 1	12 32.08	− 2 2.7	1.851	2.849	1.2	22.0
4 11	12 23.32	− 1 3.6	1.866	2.844	5.4	22.3
4 21	12 15.62	− 0 12.6	1.909	2.839	9.4	22.5
5 1	12 9.69	+ 0 25.8	1.976	2.833	12.9	22.7

367182 2006 YC_{7} 3 29.8 137.°60 7.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.85	+13 8.5	1.894	2.724	13.6	20.5
3 2	12 54.78	+14 50.9	1.834	2.732	10.8	20.4
3 12	12 48.52	+16 32.9	1.799	2.739	8.3	20.2
3 22	12 40.69	+18 4.9	1.791	2.746	7.3	20.2
4 1	12 32.20	+19 18.1	1.809	2.752	8.5	20.3
4 11	12 24.07	+20 6.3	1.853	2.758	10.9	20.4
4 21	12 17.17	+20 27.3	1.921	2.764	13.6	20.6
5 1	12 12.18	+20 21.9	2.008	2.770	16.1	20.8

140530 2001 TY_{176} 3 29.8 55.°67 0.°4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.45	− 5 31.4	2.158	2.948	13.5	20.3
3 2	12 55.02	− 5 33.8	2.074	2.953	10.6	20.1
3 12	12 48.60	− 5 26.0	2.012	2.959	7.1	19.9
3 22	12 40.73	− 5 10.2	1.978	2.964	3.3	19.7
4 1	12 32.19	− 4 49.7	1.971	2.970	0.8	19.5
4 11	12 23.88	− 4 28.7	1.994	2.976	4.7	19.8
4 21	12 16.60	− 4 11.5	2.044	2.981	8.4	20.0
5 1	12 11.01	− 4 1.4	2.119	2.987	11.6	20.2

136936 1998 QO_{20} 3 29.8 227.°39 0.°2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.30	− 6 20.5	2.113	2.902	13.8	21.2
3 2	12 55.12	− 5 44.6	2.011	2.891	10.9	21.0
3 12	12 48.82	− 4 54.3	1.931	2.878	7.3	20.8
3 22	12 40.90	− 3 52.8	1.878	2.866	3.2	20.5
4 1	12 32.13	− 2 45.5	1.854	2.852	1.1	20.3
4 11	12 23.44	− 1 39.0	1.859	2.838	5.3	20.5
4 21	12 15.73	− 0 39.5	1.892	2.823	9.4	20.8
5 1	12 9.74	+ 0 7.6	1.949	2.807	13.0	21.0

407767 2011 WU_{88} 3 29.8 171.°87 2.°0/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.25	− 1 0.0	1.821	2.628	15.0	22.0
3 2	12 57.55	− 0 23.9	1.739	2.631	11.6	21.8
3 12	12 50.47	+ 0 22.9	1.680	2.634	7.6	21.6
3 22	12 41.62	+ 1 15.3	1.647	2.636	3.5	21.3
4 1	12 31.94	+ 2 6.9	1.643	2.637	2.7	21.3
4 11	12 22.54	+ 2 51.0	1.666	2.638	6.7	21.5
4 21	12 14.42	+ 3 22.4	1.716	2.638	10.8	21.8
5 1	12 8.34	+ 3 37.7	1.789	2.638	14.4	22.0

295454 2008 PW_1 3 29.8 214.°66 0.°8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.18	− 3 16.8	2.481	3.270	12.0	22.2
3 2	12 54.64	− 2 48.8	2.380	3.262	9.3	22.0
3 12	12 48.29	− 2 11.4	2.304	3.254	6.2	21.8
3 22	12 40.60	− 1 27.6	2.256	3.244	2.7	21.5
4 1	12 32.22	− 0 41.6	2.237	3.234	1.4	21.4
4 11	12 23.96	+ 0 1.5	2.249	3.224	4.9	21.6
4 21	12 16.54	+ 0 37.5	2.288	3.213	8.3	21.8
5 1	12 10.59	+ 1 3.0	2.353	3.201	11.4	22.0

7162 Sidwell 3 29.8 181.°70 1.°8/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.76	−12 0.3	1.892	2.666	15.8	18.8
3 2	12 55.66	−11 36.5	1.801	2.667	12.6	18.6
3 12	12 49.24	−10 53.5	1.731	2.667	8.9	18.3
3 22	12 41.09	− 9 53.3	1.687	2.667	4.7	18.1
4 1	12 32.08	− 8 40.8	1.670	2.667	1.8	17.9
4 11	12 23.29	− 7 23.3	1.681	2.666	5.1	18.1
4 21	12 15.68	− 6 8.5	1.721	2.664	9.3	18.3
5 1	12 10.01	− 5 3.6	1.784	2.661	13.1	18.5

452754 2006 BV_{230} 3 29.8 6.°55 3.°7/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.22	+ 1 1.0	1.072	1.928	19.8	21.3
3 2	12 54.24	+ 1 38.3	1.009	1.928	15.3	21.0
3 12	12 48.94	+ 2 28.9	0.965	1.929	10.1	20.7
3 22	12 41.11	+ 3 24.8	0.942	1.931	5.0	20.4
4 1	12 32.09	+ 4 15.4	0.941	1.934	4.7	20.4
4 11	12 23.54	+ 4 50.4	0.964	1.939	9.7	20.7
4 21	12 16.90	+ 5 3.4	1.008	1.945	14.9	21.0
5 1	12 13.13	+ 4 52.2	1.070	1.952	19.4	21.3

434813 2006 RT_{89} 3 29.8 177.°38 0.°5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.53	− 8 9.7	2.778	3.552	11.2	22.0
3 2	12 51.59	− 7 41.6	2.683	3.553	8.8	21.8
3 12	12 46.13	− 7 2.2	2.613	3.554	6.0	21.6
3 22	12 39.59	− 6 14.0	2.570	3.555	2.8	21.4
4 1	12 32.53	− 5 20.7	2.557	3.555	0.7	21.2
4 11	12 25.62	− 4 26.6	2.574	3.555	3.8	21.5
4 21	12 19.46	− 3 36.2	2.620	3.555	6.9	21.7
5 1	12 14.55	− 2 53.3	2.692	3.554	9.7	21.8

114722 2003 GN_{33} 3 29.8 348.°84 0.°2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.66	− 5 47.3	2.260	3.056	12.8	20.8
3 2	12 51.29	− 5 19.2	2.170	3.055	10.0	20.6
3 12	12 46.12	− 4 39.2	2.104	3.053	6.6	20.3
3 22	12 39.63	− 3 50.5	2.064	3.052	2.9	20.1
4 1	12 32.52	− 2 57.6	2.053	3.051	0.9	19.9
4 11	12 25.58	− 2 6.2	2.070	3.051	4.7	20.2
4 21	12 19.54	− 1 21.1	2.115	3.050	8.3	20.4
5 1	12 14.99	− 0 46.4	2.185	3.050	11.5	20.6

87814 2000 SG_{154} 3 29.8 214.°66 0.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.68	− 3 38.8	2.945	3.730	10.4	20.6
3 2	12 52.42	− 3 15.9	2.843	3.722	8.1	20.4
3 12	12 46.67	− 2 45.0	2.767	3.715	5.3	20.2
3 22	12 39.85	− 2 8.7	2.718	3.706	2.3	20.0
4 1	12 32.49	− 1 30.4	2.700	3.698	1.0	19.9
4 11	12 25.22	− 0 53.9	2.712	3.689	4.1	20.1
4 21	12 18.65	− 0 22.7	2.754	3.679	7.0	20.2
5 1	12 13.26	+ 0 0.4	2.821	3.669	9.7	20.4

209495 2004 JS_{10} 3 29.8 349.°84 10.°4/18.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.77	+22 41.2	1.764	2.595	14.4	19.3
3 2	12 54.29	+24 4.9	1.706	2.589	12.3	19.2
3 12	12 48.37	+25 18.9	1.669	2.583	10.8	19.1
3 22	12 40.69	+26 13.6	1.657	2.579	10.5	19.0
4 1	12 32.26	+26 40.8	1.668	2.575	11.6	19.1
4 11	12 24.21	+26 36.5	1.702	2.571	13.7	19.2
4 21	12 17.53	+26 0.7	1.756	2.569	16.0	19.3
5 1	12 12.95	+24 56.8	1.828	2.567	18.2	19.5

219577 2001 ST_{221} 3 29.8 214.°36 1.°0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.87	− 3 37.9	2.158	2.955	13.3	22.1
3 2	12 54.68	− 2 58.5	2.063	2.949	10.3	21.9
3 12	12 48.46	− 2 7.2	1.990	2.941	6.8	21.6
3 22	12 40.73	− 1 8.0	1.945	2.934	3.0	21.4
4 1	12 32.23	− 0 6.3	1.929	2.925	1.7	21.3
4 11	12 23.87	+ 0 51.6	1.942	2.917	5.6	21.5
4 21	12 16.49	+ 1 40.1	1.982	2.907	9.4	21.7
5 1	12 10.78	+ 2 15.2	2.047	2.897	12.7	21.9

505474 2013 TB_{135} 3 29.8 242.°10 11.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 8.88	+36 46.9	2.516	3.271	12.8	22.1
3 2	13 2.51	+38 20.1	2.454	3.251	12.0	22.0
3 12	12 53.69	+39 37.7	2.415	3.231	11.7	22.0
3 22	12 43.06	+40 31.2	2.398	3.209	12.0	22.0
4 1	12 31.59	+40 54.2	2.405	3.186	12.9	22.0
4 11	12 20.42	+40 43.9	2.433	3.163	14.2	22.0
4 21	12 10.57	+40 1.5	2.480	3.139	15.6	22.1
5 1	12 2.83	+38 50.8	2.543	3.114	17.0	22.2

166222 2002 FY_3 3 29.8 357.°90 5.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.90	+ 6 7.9	1.378	2.219	17.1	19.5
3 2	12 56.45	+ 7 5.6	1.308	2.218	13.2	19.3
3 12	12 50.10	+ 8 9.9	1.260	2.217	9.1	19.0
3 22	12 41.56	+ 9 11.8	1.235	2.217	5.9	18.9
4 1	12 32.01	+10 1.4	1.236	2.217	6.6	18.9
4 11	12 22.85	+10 30.5	1.261	2.217	10.3	19.1
4 21	12 15.31	+10 35.1	1.310	2.218	14.5	19.3
5 1	12 10.28	+10 14.7	1.377	2.219	18.2	19.6

2785 Sedov 3 29.8 114.°64 0.°4/30.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.54	− 7 8.8	2.128	2.917	13.7	17.2
3 2	12 53.61	− 6 50.8	2.043	2.921	10.8	17.0
3 12	12 47.70	− 6 20.1	1.980	2.925	7.3	16.7
3 22	12 40.36	− 5 39.2	1.943	2.929	3.4	16.5
4 1	12 32.35	− 4 52.5	1.935	2.933	0.8	16.3
4 11	12 24.56	− 4 5.5	1.955	2.937	4.8	16.6
4 21	12 17.79	− 3 23.4	2.003	2.941	8.5	16.8
5 1	12 12.68	− 2 50.8	2.075	2.944	11.8	17.0

312195 2007 VJ_{161} 3 29.8 65.°20 2.°0/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.84	−10 28.0	1.472	2.268	18.5	20.9
3 2	12 50.18	−10 26.0	1.405	2.284	14.7	20.7
3 12	12 41.54	−10 4.2	1.357	2.300	10.2	20.4
3 22	12 32.04	− 9 24.9	1.333	2.316	5.4	20.2
4 1	12 23.01	− 8 33.3	1.335	2.333	2.0	20.0
4 11	12 15.57	− 7 37.4	1.364	2.349	5.8	20.3
4 21	12 10.53	− 6 45.1	1.417	2.366	10.4	20.6
5 1	12 8.00	− 6 3.2	1.494	2.382	14.5	20.9

382224 2012 QZ_{51} 3 29.8 246.°63 3.°9/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 52.92	−26 40.7	4.853	5.495	8.4	21.1
3 2	12 49.10	−27 5.9	4.737	5.488	7.3	21.0
3 12	12 44.28	−27 20.6	4.643	5.481	6.1	20.9
3 22	12 38.74	−27 24.2	4.574	5.474	4.9	20.8
4 1	12 32.82	−27 17.0	4.532	5.467	4.1	20.7
4 11	12 26.92	−27 0.2	4.520	5.460	4.0	20.7
4 21	12 21.42	−26 35.6	4.535	5.452	4.7	20.8
5 1	12 16.68	−26 5.9	4.578	5.445	5.9	20.8

299481 2006 BZ_{170} 3 29.8 179.°54 3.°0/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.58	− 0 4.9	1.724	2.540	15.3	21.2
3 2	12 56.42	+ 0 59.4	1.644	2.541	11.8	20.9
3 12	12 49.80	+ 2 15.9	1.586	2.542	7.7	20.7
3 22	12 41.37	+ 3 38.0	1.555	2.543	3.9	20.4
4 1	12 32.07	+ 4 57.1	1.552	2.542	3.8	20.4
4 11	12 23.06	+ 6 4.5	1.577	2.542	7.7	20.7
4 21	12 15.35	+ 6 54.2	1.627	2.540	11.8	20.9
5 1	12 9.72	+ 7 22.7	1.699	2.538	15.4	21.1

379335 2009 WT_{77} 3 29.8 220.°41 2.°8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.41	−13 43.6	2.043	2.806	15.1	21.8
3 2	12 54.52	−13 44.6	1.947	2.803	12.3	21.6
3 12	12 48.47	−13 28.2	1.872	2.799	8.9	21.4
3 22	12 40.77	−12 55.2	1.822	2.796	5.3	21.2
4 1	12 32.23	−12 8.3	1.799	2.792	2.9	21.0
4 11	12 23.83	−11 13.0	1.804	2.788	4.9	21.1
4 21	12 16.49	−10 15.7	1.837	2.783	8.6	21.3
5 1	12 10.93	− 9 22.8	1.895	2.779	12.1	21.5

389242 2009 FW_{12} 3 29.8 245.°55 1.°1/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.82	− 8 2.9	2.458	3.232	12.5	21.2
3 2	12 54.43	− 8 6.9	2.357	3.225	9.9	21.0
3 12	12 48.20	− 8 0.2	2.279	3.218	6.9	20.8
3 22	12 40.60	− 7 44.2	2.228	3.211	3.5	20.6
4 1	12 32.29	− 7 21.5	2.206	3.204	1.2	20.4
4 11	12 24.08	− 6 56.0	2.214	3.196	4.2	20.6
4 21	12 16.72	− 6 31.7	2.249	3.189	7.7	20.8
5 1	12 10.84	− 6 12.3	2.311	3.181	10.8	21.0

365894 2011 WJ_{10} 3 29.8 34.°87 1.°9/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.92	− 2 5.0	1.270	2.105	18.7	21.3
3 2	12 55.79	− 1 35.5	1.207	2.113	14.4	21.0
3 12	12 49.67	− 0 51.4	1.163	2.123	9.5	20.8
3 22	12 41.36	+ 0 1.0	1.143	2.132	4.2	20.5
4 1	12 32.09	+ 0 53.4	1.147	2.143	2.8	20.4
4 11	12 23.33	+ 1 36.8	1.176	2.154	7.8	20.8
4 21	12 16.29	+ 2 4.6	1.228	2.166	12.7	21.1
5 1	12 11.84	+ 2 13.1	1.301	2.178	17.0	21.4

470317 2007 PJ_{21} 3 29.8 316.°79 6.°1/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.29	−14 47.4	1.612	2.381	18.2	20.9
3 2	12 59.02	−15 53.1	1.476	2.331	15.5	20.5
3 12	12 52.57	−16 45.9	1.359	2.281	12.1	20.2
3 22	12 43.13	−17 22.1	1.265	2.230	8.4	19.8
4 1	12 31.44	−17 38.8	1.195	2.180	6.1	19.6
4 11	12 18.86	−17 36.3	1.151	2.129	8.0	19.5
4 21	12 7.01	−17 18.6	1.132	2.079	12.6	19.6
5 1	11 57.48	−16 53.4	1.134	2.029	17.6	19.7

69465 1996 VR_5 3 29.8 67.°72 0.°3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.10	− 6 17.7	1.441	2.254	18.0	18.4
3 2	12 56.25	− 5 42.2	1.381	2.274	13.9	18.2
3 12	12 49.73	− 4 49.3	1.341	2.294	9.2	18.0
3 22	12 41.30	− 3 44.0	1.326	2.315	4.0	17.7
4 1	12 32.13	− 2 34.4	1.337	2.335	1.4	17.6
4 11	12 23.51	− 1 29.4	1.374	2.355	6.5	17.9
4 21	12 16.51	− 0 36.5	1.436	2.376	11.1	18.3
5 1	12 11.86	− 0 0.6	1.521	2.396	15.0	18.5

52912 1998 SN_{100} 3 29.8 227.°18 1.°8/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.53	−10 28.8	1.780	2.559	16.4	20.0
3 2	12 58.15	−10 22.5	1.678	2.548	13.2	19.7
3 12	12 51.15	− 9 58.4	1.598	2.537	9.3	19.5
3 22	12 42.08	− 9 17.7	1.543	2.525	4.9	19.2
4 1	12 31.87	− 8 24.2	1.515	2.512	1.8	18.9
4 11	12 21.72	− 7 24.6	1.515	2.498	5.6	19.1
4 21	12 12.78	− 6 26.4	1.541	2.484	10.2	19.4
5 1	12 5.98	− 5 36.7	1.592	2.469	14.4	19.6

57872 2001 YU_{87} 3 29.8 242.°54 10.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.00	+32 46.6	2.597	3.382	11.6	19.2
3 2	12 54.65	+34 25.7	2.548	3.374	10.7	19.1
3 12	12 48.34	+35 51.5	2.521	3.366	10.3	19.1
3 22	12 40.64	+36 57.0	2.519	3.357	10.6	19.1
4 1	12 32.31	+37 36.2	2.540	3.349	11.6	19.2
4 11	12 24.24	+37 46.7	2.583	3.340	12.8	19.2
4 21	12 17.23	+37 28.9	2.645	3.331	14.2	19.3
5 1	12 11.88	+36 45.5	2.722	3.321	15.5	19.4

289938 2005 NQ_{37} 3 29.8 136.°00 3.°5/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.87	−17 53.0	2.733	3.459	12.5	21.3
3 2	12 52.73	−17 58.8	2.640	3.467	10.4	21.2
3 12	12 46.95	−17 49.4	2.569	3.474	7.9	21.0
3 22	12 40.00	−17 25.1	2.523	3.481	5.3	20.9
4 1	12 32.49	−16 47.7	2.506	3.488	3.6	20.7
4 11	12 25.15	−16 1.0	2.518	3.495	4.3	20.8
4 21	12 18.62	−15 9.5	2.559	3.501	6.7	21.0
5 1	12 13.44	−14 18.2	2.626	3.508	9.2	21.1

2967 Vladisvyat 3 29.8 143.°22 3.°3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.18	+ 7 15.8	2.736	3.541	10.6	16.7
3 2	12 55.07	+ 7 42.2	2.658	3.548	8.1	16.5
3 12	12 48.39	+ 8 9.9	2.606	3.555	5.6	16.4
3 22	12 40.60	+ 8 35.0	2.582	3.561	3.5	16.3
4 1	12 32.34	+ 8 53.6	2.588	3.567	3.8	16.3
4 11	12 24.32	+ 9 2.4	2.624	3.573	6.0	16.4
4 21	12 17.17	+ 8 59.5	2.688	3.579	8.6	16.6
5 1	12 11.39	+ 8 44.3	2.776	3.584	11.0	16.8

403729 2010 XU_8 3 29.8 130.°53 0.°2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.95	− 6 41.4	2.183	2.967	13.6	21.7
3 2	12 55.29	− 6 1.2	2.106	2.983	10.6	21.6
3 12	12 48.72	− 5 7.9	2.052	2.999	7.0	21.4
3 22	12 40.79	− 4 5.2	2.026	3.014	3.1	21.1
4 1	12 32.29	− 2 58.5	2.029	3.028	1.0	21.0
4 11	12 24.10	− 1 54.1	2.062	3.041	4.9	21.3
4 21	12 16.99	− 0 57.6	2.123	3.054	8.5	21.5
5 1	12 11.56	− 0 13.1	2.209	3.066	11.7	21.8

409405 2005 GL_{14} 3 29.8 37.°64 1.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.29	− 6 19.4	1.347	2.161	19.0	20.8
3 2	12 58.36	− 6 35.7	1.277	2.169	15.0	20.5
3 12	12 51.40	− 6 36.6	1.227	2.178	10.2	20.3
3 22	12 42.17	− 6 24.2	1.200	2.187	4.9	20.0
4 1	12 31.89	− 6 3.0	1.198	2.197	1.3	19.8
4 11	12 22.05	− 5 39.7	1.222	2.207	6.4	20.1
4 21	12 13.94	− 5 20.6	1.270	2.218	11.4	20.5
5 1	12 8.46	− 5 11.2	1.340	2.229	15.8	20.7

219615 2001 TH_{119} 3 29.8 92.°87 6.°5/ 4.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.43	−22 9.3	1.916	2.634	17.4	20.3
3 2	12 57.79	−22 51.5	1.837	2.649	14.8	20.2
3 12	12 50.70	−23 11.6	1.777	2.665	11.8	20.0
3 22	12 41.78	−23 7.7	1.740	2.680	8.8	19.8
4 1	12 32.00	−22 40.4	1.728	2.695	6.7	19.7
4 11	12 22.51	−21 53.7	1.743	2.710	7.0	19.8
4 21	12 14.35	−20 54.8	1.785	2.724	9.3	20.0
5 1	12 8.30	−19 51.7	1.851	2.738	12.2	20.2

428745 2008 SL_3 3 29.8 250.°56 1.°8/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.68	− 1 31.6	2.195	2.999	12.9	21.6
3 2	12 53.81	− 0 46.6	2.092	2.983	10.0	21.4
3 12	12 47.94	+ 0 9.2	2.014	2.967	6.6	21.2
3 22	12 40.54	+ 1 11.6	1.962	2.951	3.0	20.9
4 1	12 32.34	+ 2 14.6	1.940	2.934	2.4	20.8
4 11	12 24.21	+ 3 12.1	1.946	2.917	6.0	21.0
4 21	12 16.99	+ 3 58.5	1.980	2.899	9.7	21.2
5 1	12 11.37	+ 4 30.1	2.037	2.881	13.1	21.4

469094 2015 BN_{489} 3 29.8 128.°07 3.°5/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.42	−15 2.0	1.969	2.729	15.7	21.1
3 2	12 54.60	−15 11.6	1.878	2.730	12.8	20.9
3 12	12 48.56	−15 2.9	1.808	2.731	9.5	20.7
3 22	12 40.84	−14 36.1	1.761	2.732	5.9	20.5
4 1	12 32.27	−13 53.9	1.742	2.732	3.5	20.3
4 11	12 23.88	−13 1.4	1.751	2.733	5.2	20.4
4 21	12 16.61	−12 5.2	1.786	2.734	8.7	20.6
5 1	12 11.20	−11 12.1	1.846	2.735	12.1	20.8

100217 1994 PL_7 3 29.8 173.°90 1.°6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.01	−11 22.4	3.005	3.758	10.9	20.9
3 2	12 52.64	−11 16.6	2.907	3.760	8.7	20.8
3 12	12 46.81	−10 59.6	2.833	3.762	6.2	20.6
3 22	12 39.93	−10 32.9	2.787	3.764	3.4	20.4
4 1	12 32.54	− 9 58.7	2.770	3.765	1.6	20.3
4 11	12 25.28	− 9 20.6	2.783	3.766	3.5	20.4
4 21	12 18.72	− 8 42.1	2.826	3.766	6.2	20.6
5 1	12 13.36	− 8 7.2	2.896	3.766	8.8	20.8

190575 2000 SC_{243} 3 29.8 182.°20 1.°9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.90	− 1 14.6	1.948	2.751	14.3	21.3
3 2	12 57.17	− 0 31.5	1.862	2.753	11.0	21.0
3 12	12 50.19	+ 0 22.4	1.800	2.753	7.3	20.8
3 22	12 41.54	+ 1 22.2	1.765	2.753	3.3	20.6
4 1	12 32.09	+ 2 21.5	1.758	2.752	2.7	20.5
4 11	12 22.88	+ 3 13.4	1.780	2.750	6.5	20.7
4 21	12 14.84	+ 3 52.7	1.829	2.748	10.4	21.0
5 1	12 8.70	+ 4 15.9	1.901	2.745	13.9	21.2

419325 2009 WY_{110} 3 29.8 322.°77 8.°8/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.37	+17 52.8	1.773	2.601	14.4	20.3
3 2	12 57.01	+19 4.4	1.707	2.598	11.8	20.2
3 12	12 50.17	+20 10.6	1.664	2.594	9.7	20.0
3 22	12 41.53	+21 2.2	1.646	2.591	8.8	19.9
4 1	12 32.10	+21 31.0	1.654	2.588	9.8	20.0
4 11	12 23.05	+21 32.4	1.686	2.585	12.1	20.1
4 21	12 15.39	+21 5.6	1.740	2.583	14.8	20.3
5 1	12 9.87	+20 13.0	1.813	2.580	17.4	20.5

15979 1998 QW_{34} 3 29.8 261.°63 1.°7/27.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.14	− 3 31.0	2.204	3.008	12.8	18.1
3 2	12 51.85	− 2 21.8	2.099	2.990	9.9	17.8
3 12	12 46.64	− 0 58.3	2.019	2.973	6.5	17.6
3 22	12 39.97	+ 0 34.7	1.965	2.954	2.9	17.3
4 1	12 32.52	+ 2 10.3	1.942	2.936	2.4	17.2
4 11	12 25.14	+ 3 40.7	1.947	2.917	6.1	17.4
4 21	12 18.62	+ 4 59.2	1.980	2.898	9.8	17.6
5 1	12 13.64	+ 6 0.6	2.037	2.878	13.2	17.8

162572 2000 RT_{60} 3 29.8 216.°22 2.°9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.52	−14 9.6	1.996	2.753	15.6	20.7
3 2	12 57.09	−14 5.8	1.892	2.745	12.7	20.4
3 12	12 50.30	−13 43.3	1.810	2.736	9.3	20.2
3 22	12 41.67	−13 2.4	1.752	2.726	5.5	19.9
4 1	12 32.05	−12 6.2	1.722	2.715	2.9	19.8
4 11	12 22.51	−11 0.4	1.721	2.704	5.2	19.9
4 21	12 14.05	− 9 52.3	1.747	2.692	9.1	20.1
5 1	12 7.52	− 8 49.1	1.799	2.679	12.8	20.3

503376 2016 CR_{35} 3 29.8 334.°59 6.°8/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.72	−14 36.2	1.277	2.068	21.1	20.2
3 2	12 58.71	−16 1.6	1.188	2.055	17.7	20.0
3 12	12 52.25	−17 9.8	1.117	2.043	13.6	19.7
3 22	12 42.85	−17 56.5	1.066	2.032	9.5	19.4
4 1	12 31.68	−18 18.9	1.038	2.022	6.9	19.2
4 11	12 20.44	−18 19.1	1.034	2.013	8.5	19.3
4 21	12 10.82	−18 3.3	1.053	2.005	12.7	19.5
5 1	12 4.19	−17 40.8	1.093	1.998	17.2	19.7

32834 1992 EO_4 3 29.8 148.°13 3.°8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.16	+ 1 52.4	1.552	2.379	16.2	18.6
3 2	12 56.33	+ 2 55.3	1.479	2.382	12.5	18.4
3 12	12 49.86	+ 4 8.9	1.428	2.385	8.3	18.1
3 22	12 41.45	+ 5 25.7	1.402	2.388	4.5	17.9
4 1	12 32.14	+ 6 36.4	1.403	2.391	4.7	17.9
4 11	12 23.19	+ 7 32.3	1.431	2.393	8.6	18.2
4 21	12 15.68	+ 8 7.7	1.483	2.395	12.8	18.4
5 1	12 10.43	+ 8 20.2	1.556	2.397	16.5	18.6

500709 2012 WS_{28} 3 29.8 123.°37 0.°8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.87	− 9 26.3	2.596	3.368	12.0	22.0
3 2	12 51.93	− 8 59.5	2.511	3.379	9.4	21.9
3 12	12 46.41	− 8 20.4	2.450	3.389	6.4	21.7
3 22	12 39.77	− 7 31.3	2.416	3.399	3.2	21.5
4 1	12 32.63	− 6 36.0	2.411	3.409	0.9	21.3
4 11	12 25.69	− 5 39.4	2.436	3.419	3.9	21.6
4 21	12 19.59	− 4 46.3	2.490	3.428	7.1	21.8
5 1	12 14.84	− 4 0.7	2.570	3.437	9.9	22.0

317910 2003 UN_{269} 3 29.8 183.°46 0.°6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.04	− 8 29.2	2.168	2.944	13.9	22.6
3 2	12 56.34	− 8 3.4	2.074	2.945	11.0	22.4
3 12	12 49.57	− 7 23.3	2.003	2.945	7.5	22.2
3 22	12 41.26	− 6 31.2	1.959	2.944	3.6	21.9
4 1	12 32.20	− 5 31.9	1.944	2.943	0.9	21.7
4 11	12 23.32	− 4 31.2	1.959	2.941	4.8	22.0
4 21	12 15.48	− 3 35.2	2.002	2.937	8.7	22.2
5 1	12 9.37	− 2 48.9	2.070	2.934	12.1	22.4

253088 2002 TG_{247} 3 29.8 221.°65 1.°1/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.57	− 3 36.7	2.124	2.920	13.5	21.6
3 2	12 55.32	− 2 54.5	2.025	2.911	10.5	21.4
3 12	12 48.97	− 1 59.9	1.949	2.900	6.9	21.2
3 22	12 41.03	− 0 56.9	1.900	2.889	3.0	20.9
4 1	12 32.26	+ 0 8.8	1.881	2.877	1.8	20.8
4 11	12 23.61	+ 1 10.6	1.890	2.865	5.8	21.0
4 21	12 15.94	+ 2 2.6	1.928	2.852	9.7	21.2
5 1	12 9.97	+ 2 40.5	1.989	2.838	13.1	21.4

5095 Escalante 3 29.8 224.°19 4.°8/24.2 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.46	+ 5 35.4	2.067	2.887	13.0	17.9
3 2	12 54.50	+ 7 7.2	1.978	2.877	10.0	17.7
3 12	12 48.44	+ 8 47.1	1.914	2.866	7.0	17.5
3 22	12 40.79	+10 27.3	1.877	2.854	4.9	17.4
4 1	12 32.33	+11 59.3	1.870	2.841	5.8	17.4
4 11	12 24.00	+13 15.0	1.890	2.828	8.8	17.5
4 21	12 16.68	+14 9.2	1.937	2.814	12.0	17.7
5 1	12 11.09	+14 39.8	2.005	2.800	15.0	17.9

392830 2012 TD_{308} 3 29.8 95.°82 1.°7/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.06	−10 9.3	2.581	3.339	12.4	22.0
3 2	12 55.87	−10 19.7	2.503	3.360	9.9	21.9
3 12	12 48.98	−10 18.8	2.449	3.380	6.9	21.7
3 22	12 40.90	−10 8.1	2.422	3.400	3.8	21.5
4 1	12 32.33	− 9 49.6	2.424	3.420	1.7	21.4
4 11	12 24.02	− 9 27.0	2.457	3.439	3.9	21.6
4 21	12 16.65	− 9 3.9	2.519	3.459	6.9	21.8
5 1	12 10.76	− 8 44.1	2.607	3.477	9.7	22.0

327457 2005 WG_{167} 3 29.8 227.°04 1.°9/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.63	− 0 25.7	2.189	2.992	12.9	21.7
3 2	12 55.27	+ 0 11.7	2.092	2.982	10.0	21.5
3 12	12 48.89	+ 0 58.2	2.019	2.972	6.6	21.3
3 22	12 40.98	+ 1 49.6	1.973	2.961	3.1	21.0
4 1	12 32.29	+ 2 40.4	1.956	2.950	2.6	21.0
4 11	12 23.71	+ 3 24.8	1.969	2.938	6.1	21.2
4 21	12 16.10	+ 3 58.2	2.008	2.926	9.7	21.4
5 1	12 10.15	+ 4 17.2	2.072	2.913	13.0	21.6

296159 2009 BX_{122} 3 29.8 273.°74 2.°8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.93	−13 17.0	2.285	3.044	13.8	20.6
3 2	12 53.98	−13 29.0	2.182	3.035	11.2	20.4
3 12	12 48.06	−13 26.4	2.101	3.027	8.2	20.2
3 22	12 40.62	−13 9.7	2.045	3.018	5.0	20.0
4 1	12 32.39	−12 40.8	2.017	3.009	2.8	19.8
4 11	12 24.23	−12 3.8	2.018	3.000	4.6	19.9
4 21	12 16.97	−11 23.6	2.046	2.992	7.9	20.1
5 1	12 11.31	−10 45.6	2.100	2.983	11.1	20.3

380940 2006 JX_{43} 3 29.8 81.°63 0.°9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.62	− 3 58.0	2.030	2.834	13.8	21.5
3 2	12 53.00	− 3 22.4	1.946	2.836	10.7	21.3
3 12	12 47.38	− 2 34.8	1.886	2.838	7.0	21.1
3 22	12 40.29	− 1 39.4	1.851	2.840	3.0	20.8
4 1	12 32.50	− 0 41.6	1.845	2.842	1.6	20.7
4 11	12 24.94	+ 0 12.2	1.867	2.844	5.5	21.0
4 21	12 18.42	+ 0 56.6	1.915	2.846	9.3	21.2
5 1	12 13.60	+ 1 27.7	1.988	2.848	12.7	21.4

436020 2009 HF_{53} 3 29.8 235.°10 0.°3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.05	− 8 21.3	2.487	3.270	12.2	21.7
3 2	12 50.71	− 7 41.0	2.390	3.265	9.5	21.5
3 12	12 45.71	− 6 47.3	2.317	3.261	6.4	21.3
3 22	12 39.51	− 5 43.1	2.270	3.257	3.0	21.1
4 1	12 32.72	− 4 32.8	2.253	3.252	0.7	20.9
4 11	12 26.07	− 3 22.2	2.266	3.248	4.3	21.1
4 21	12 20.22	− 2 16.8	2.307	3.243	7.7	21.3
5 1	12 15.72	− 1 21.3	2.373	3.238	10.7	21.5

240603 2004 VW_{46} 3 29.8 171.°60 0.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.71	− 7 29.3	1.916	2.704	15.1	21.3
3 2	12 56.32	− 6 49.9	1.829	2.708	11.8	21.1
3 12	12 49.67	− 5 54.4	1.765	2.712	7.9	20.9
3 22	12 41.34	− 4 46.4	1.727	2.714	3.6	20.6
4 1	12 32.22	− 3 32.1	1.717	2.716	1.0	20.4
4 11	12 23.34	− 2 18.9	1.737	2.717	5.5	20.7
4 21	12 15.65	− 1 13.8	1.783	2.717	9.7	21.0
5 1	12 9.87	− 0 22.4	1.854	2.717	13.3	21.2

500859 2013 JG_6 3 29.8 290.°48 1.°2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.07	− 3 54.9	1.513	2.333	16.9	21.8
3 2	12 55.14	− 3 22.4	1.414	2.312	13.3	21.5
3 12	12 49.43	− 2 33.1	1.336	2.292	8.9	21.2
3 22	12 41.44	− 1 31.1	1.281	2.271	3.9	20.9
4 1	12 32.15	− 0 23.7	1.253	2.250	2.1	20.7
4 11	12 22.86	+ 0 40.0	1.251	2.230	7.4	21.0
4 21	12 14.85	+ 1 31.5	1.273	2.209	12.5	21.2
5 1	12 9.16	+ 2 4.5	1.316	2.189	17.1	21.4

53560 2000 CT_{21} 3 29.8 28.°85 1.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.97	− 9 43.3	1.153	1.977	20.9	19.4
3 2	12 54.69	− 9 28.8	1.087	1.983	16.6	19.2
3 12	12 49.21	− 8 49.5	1.038	1.990	11.4	18.9
3 22	12 41.30	− 7 48.9	1.011	1.998	5.7	18.6
4 1	12 32.24	− 6 34.6	1.007	2.006	1.6	18.3
4 11	12 23.64	− 5 18.0	1.028	2.015	6.9	18.7
4 21	12 16.88	− 4 10.1	1.071	2.024	12.4	19.0
5 1	12 12.89	− 3 19.3	1.134	2.034	17.2	19.3

387811 2004 EH_{46} 3 29.8 343.°04 3.°3/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.38	+ 4 10.8	1.719	2.545	14.9	19.8
3 2	12 55.60	+ 4 22.6	1.633	2.536	11.6	19.6
3 12	12 49.36	+ 4 38.9	1.570	2.527	7.7	19.3
3 22	12 41.27	+ 4 54.9	1.532	2.519	4.1	19.1
4 1	12 32.24	+ 5 5.1	1.521	2.512	3.9	19.1
4 11	12 23.43	+ 5 4.4	1.537	2.505	7.6	19.3
4 21	12 15.87	+ 4 49.6	1.577	2.499	11.6	19.5
5 1	12 10.38	+ 4 19.6	1.640	2.494	15.2	19.7

246973 1999 TA_{155} 3 29.8 174.°11 0.°7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.71	− 4 5.9	2.094	2.885	13.8	21.9
3 2	12 56.88	− 3 36.0	2.006	2.889	10.8	21.7
3 12	12 49.94	− 2 54.4	1.942	2.891	7.1	21.5
3 22	12 41.44	− 2 5.0	1.905	2.893	3.1	21.2
4 1	12 32.21	− 1 12.8	1.897	2.894	1.4	21.1
4 11	12 23.20	− 0 24.0	1.918	2.895	5.4	21.4
4 21	12 15.29	+ 0 16.5	1.967	2.895	9.3	21.6
5 1	12 9.16	+ 0 44.6	2.041	2.894	12.7	21.8

258528 2002 BT_2 3 29.8 322.°44 12.°4/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.07	−36 54.8	2.223	2.824	18.0	20.0
3 2	12 59.00	−38 49.4	2.117	2.809	16.7	19.9
3 12	12 52.09	−40 23.5	2.027	2.794	15.2	19.7
3 22	12 42.73	−41 30.6	1.956	2.780	13.8	19.6
4 1	12 31.77	−42 5.3	1.906	2.766	12.7	19.5
4 11	12 20.47	−42 6.0	1.879	2.752	12.4	19.4
4 21	12 10.19	−41 35.4	1.874	2.739	12.9	19.4
5 1	12 2.13	−40 40.4	1.890	2.727	14.2	19.5

103021 1999 XM_{109} 3 29.8 79.°26 2.°7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.57	− 0 9.3	1.571	2.395	16.2	19.8
3 2	12 55.77	+ 0 39.8	1.503	2.404	12.4	19.5
3 12	12 49.43	+ 1 40.3	1.456	2.413	8.1	19.3
3 22	12 41.26	+ 2 45.6	1.434	2.423	3.9	19.1
4 1	12 32.29	+ 3 47.6	1.439	2.432	3.6	19.1
4 11	12 23.72	+ 4 38.4	1.471	2.441	7.6	19.3
4 21	12 16.59	+ 5 12.3	1.528	2.451	11.8	19.6
5 1	12 11.65	+ 5 26.6	1.607	2.460	15.5	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
164378	2005 EY_{124}		3 29.8	101.°50	0.°3/29.6	17
	h m	° ′			°	m
2 21	12 56.69	− 5 38.1	2.154	2.949	13.4	20.5
3 2	12 52.93	− 5 8.1	2.071	2.955	10.4	20.3
3 12	12 47.27	− 4 25.9	2.011	2.960	6.9	20.1
3 22	12 40.23	− 3 35.0	1.978	2.966	3.1	19.9
4 1	12 32.57	− 2 40.2	1.973	2.971	1.0	19.7
4 11	12 25.13	− 1 47.4	1.996	2.976	4.9	20.0
4 21	12 18.69	− 1 1.8	2.048	2.981	8.6	20.2
5 1	12 13.86	− 0 27.6	2.123	2.987	11.8	20.4
433246	2012 VG_{96}		3 29.8	238.°65	0.°7/29.0	17
2 21	12 57.28	− 3 22.1	2.410	3.205	12.1	21.7
3 2	12 53.26	− 2 58.4	2.313	3.198	9.4	21.5
3 12	12 47.46	− 2 25.3	2.240	3.191	6.2	21.3
3 22	12 40.33	− 1 45.8	2.194	3.183	2.7	21.0
4 1	12 32.53	− 1 4.2	2.178	3.175	1.3	20.9
4 11	12 24.86	− 0 25.1	2.190	3.167	4.9	21.1
4 21	12 18.04	+ 0 7.1	2.231	3.159	8.3	21.3
5 1	12 12.68	+ 0 29.0	2.296	3.150	11.4	21.5
505152	2012 PT_{20}		3 29.8	192.°33	0.°3/30.2	17
2 21	12 57.18	− 7 13.8	2.301	3.085	13.0	22.3
3 2	12 53.25	− 6 49.5	2.208	3.084	10.2	22.1
3 12	12 47.47	− 6 12.7	2.138	3.083	6.9	21.9
3 22	12 40.33	− 5 26.1	2.096	3.082	3.2	21.7
4 1	12 32.54	− 4 33.9	2.082	3.080	0.8	21.5
4 11	12 24.90	− 3 41.4	2.097	3.078	4.6	21.7
4 21	12 18.18	− 2 53.8	2.140	3.076	8.2	22.0
5 1	12 12.99	− 2 15.5	2.208	3.074	11.4	22.2
435336	2007 VS_{50}		3 29.8	132.°52	1.°5/28.3	17
2 21	12 59.30	− 0 11.2	2.402	3.202	12.0	21.9
3 2	12 54.69	+ 0 9.3	2.320	3.208	9.3	21.7
3 12	12 48.31	+ 0 36.4	2.263	3.214	6.1	21.5
3 22	12 40.67	+ 1 6.7	2.232	3.220	2.7	21.3
4 1	12 32.47	+ 1 36.1	2.232	3.226	2.0	21.2
4 11	12 24.49	+ 2 0.2	2.260	3.232	5.2	21.4
4 21	12 17.45	+ 2 15.9	2.317	3.237	8.4	21.7
5 1	12 11.92	+ 2 20.8	2.398	3.243	11.3	21.9
28494	Jasmine		3 29.8	242.°58	2.°3/31.7	18
2 21	13 1.32	−11 43.3	1.685	2.465	17.1	19.2
3 2	12 57.43	−11 38.5	1.583	2.452	13.9	18.9
3 12	12 50.83	−11 13.9	1.502	2.439	9.9	18.7
3 22	12 42.05	−10 30.4	1.445	2.425	5.5	18.4
4 1	12 32.04	− 9 31.6	1.414	2.410	2.3	18.1
4 11	12 22.07	− 8 24.5	1.411	2.395	5.8	18.3
4 21	12 13.34	− 7 17.7	1.433	2.380	10.5	18.5
5 1	12 6.85	− 6 19.2	1.480	2.363	14.9	18.7
41225	1999 XY_{17}		3 29.8	194.°96	0.°9/30.9	18
2 21	12 57.66	− 9 35.7	2.442	3.214	12.7	20.3
3 2	12 53.54	− 9 9.6	2.344	3.211	10.0	20.1
3 12	12 47.63	− 8 29.7	2.270	3.209	6.9	19.9
3 22	12 40.40	− 7 38.5	2.222	3.206	3.4	19.7
4 1	12 32.53	− 6 39.7	2.204	3.202	1.0	19.5
4 11	12 24.80	− 5 38.7	2.215	3.198	4.2	19.7
4 21	12 17.93	− 4 40.8	2.255	3.193	7.7	19.9
5 1	12 12.53	− 3 50.9	2.321	3.188	10.8	20.1
462300	2008 FE_{135}		3 29.8	199.°50	1.°4/28.5	17
2 21	13 0.13	− 2 20.4	2.024	2.825	13.9	21.7
3 2	12 55.78	− 1 47.7	1.934	2.823	10.8	21.5
3 12	12 49.29	− 1 4.2	1.868	2.820	7.1	21.2
3 22	12 41.20	− 0 14.0	1.828	2.817	3.1	21.0
4 1	12 32.32	+ 0 37.2	1.817	2.813	2.0	20.9
4 11	12 23.63	+ 1 23.5	1.835	2.809	5.9	21.1
4 21	12 16.02	+ 1 59.5	1.879	2.804	9.8	21.3
5 1	12 10.20	+ 2 21.8	1.948	2.799	13.2	21.6
126619	2002 CX_{154}		3 29.8	15.°35	0.°2/ 1.9	18
2 21	12 36.92	−11 40.6	41.116	41.855	0.9	23.5
3 2	12 36.30	−11 38.6	41.020	41.863	0.7	23.5
3 12	12 35.61	−11 35.8	40.949	41.870	0.5	23.5
3 22	12 34.87	−11 32.4	40.907	41.878	0.3	23.4
4 1	12 34.10	−11 28.5	40.894	41.885	0.2	23.4
4 11	12 33.34	−11 24.2	40.911	41.893	0.3	23.4
4 21	12 32.62	−11 19.9	40.957	41.900	0.5	23.5
5 1	12 31.96	−11 15.6	41.031	41.908	0.7	23.5
99606	2002 GZ_{52}		3 29.8	18.°66	2.°1/28.2	18
2 21	12 55.28	− 3 20.5	1.217	2.057	19.0	19.0
3 2	12 53.17	− 2 30.3	1.151	2.061	14.6	18.7
3 12	12 48.09	− 1 21.5	1.105	2.066	9.6	18.4
3 22	12 40.78	− 0 1.4	1.081	2.072	4.2	18.1
4 1	12 32.46	+ 1 19.7	1.082	2.078	3.0	18.1
4 11	12 24.56	+ 2 30.3	1.107	2.085	8.2	18.4
4 21	12 18.35	+ 3 21.9	1.155	2.094	13.3	18.7
5 1	12 14.68	+ 3 49.8	1.223	2.102	17.6	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
150740	2001 QF_{69}		3 29.8	164.°61	2.°5/ 1.6	18
	h m	° ′			°	m
2 21	12 59.72	−14 5.7	2.290	3.041	14.0	20.8
3 2	12 55.24	−13 54.1	2.197	3.047	11.3	20.6
3 12	12 48.82	−13 25.9	2.127	3.052	8.2	20.4
3 22	12 40.96	−12 42.4	2.082	3.056	4.8	20.2
4 1	12 32.41	−11 46.6	2.066	3.060	2.5	20.1
4 11	12 24.06	−10 43.9	2.080	3.063	4.4	20.2
4 21	12 16.70	− 9 40.4	2.122	3.065	7.8	20.4
5 1	12 10.98	− 8 42.0	2.190	3.067	11.0	20.6
430481	2001 SQ_{198}		3 29.8	230.°73	1.°8/27.3	18
2 21	12 55.15	− 1 16.6	2.776	3.574	10.6	21.9
3 2	12 51.41	− 0 13.0	2.673	3.562	8.2	21.7
3 12	12 46.14	+ 1 0.0	2.596	3.549	5.3	21.5
3 22	12 39.73	+ 2 18.3	2.547	3.535	2.5	21.2
4 1	12 32.75	+ 3 36.5	2.529	3.521	2.4	21.2
4 11	12 25.84	+ 4 49.1	2.541	3.506	5.2	21.4
4 21	12 19.63	+ 5 51.4	2.582	3.491	8.2	21.5
5 1	12 14.64	+ 6 40.1	2.648	3.475	10.9	21.7
436704	2011 TO_{10}		3 29.8	301.°07	0.°1/29.9	17
2 21	12 52.48	−10 51.8	2.174	2.958	13.7	20.8
3 2	12 49.83	− 9 28.2	2.069	2.946	10.8	20.6
3 12	12 45.32	− 7 43.3	1.988	2.933	7.3	20.4
3 22	12 39.43	− 5 41.5	1.935	2.922	3.3	20.1
4 1	12 32.83	− 3 29.9	1.911	2.910	0.9	19.9
4 11	12 26.35	− 1 18.0	1.918	2.898	5.1	20.1
4 21	12 20.75	+ 0 45.1	1.953	2.886	9.0	20.4
5 1	12 16.68	+ 2 31.9	2.015	2.875	12.5	20.6
371653	2007 BZ_{77}		3 29.8	220.°18	1.°9/31.5	18
2 21	13 1.69	− 9 53.0	2.035	2.808	14.8	20.9
3 2	12 57.11	−10 4.7	1.938	2.804	11.9	20.7
3 12	12 50.27	−10 2.6	1.863	2.799	8.4	20.5
3 22	12 41.69	− 9 47.8	1.814	2.794	4.5	20.2
4 1	12 32.21	− 9 22.8	1.792	2.789	1.9	20.0
4 11	12 22.85	− 8 52.3	1.800	2.783	4.9	20.2
4 21	12 14.56	− 8 21.3	1.835	2.778	8.8	20.4
5 1	12 8.13	− 7 55.2	1.894	2.772	12.4	20.6
327333	2005 UB_{128}		3 29.9	208.°56	0.°9/28.9	17
2 21	13 0.01	− 3 9.0	2.112	2.910	13.5	21.8
3 2	12 55.63	− 2 42.3	2.020	2.905	10.5	21.6
3 12	12 49.18	− 2 5.1	1.950	2.901	7.0	21.4
3 22	12 41.17	− 1 20.7	1.907	2.896	3.1	21.1
4 1	12 32.38	− 0 34.1	1.893	2.890	1.6	21.0
4 11	12 23.75	+ 0 8.9	1.908	2.884	5.5	21.3
4 21	12 16.14	+ 0 43.3	1.950	2.878	9.4	21.5
5 1	12 10.26	+ 1 5.6	2.017	2.871	12.7	21.7
240260	2002 VD_{93}		3 29.9	58.°29	3.°0/26.9	18
2 21	12 57.68	+ 2 33.8	1.984	2.803	13.5	20.2
3 2	12 53.73	+ 3 17.2	1.918	2.817	10.3	20.0
3 12	12 47.80	+ 4 7.1	1.877	2.832	6.8	19.8
3 22	12 40.48	+ 4 57.7	1.861	2.847	3.6	19.7
4 1	12 32.59	+ 5 43.1	1.874	2.862	3.7	19.7
4 11	12 25.06	+ 6 17.8	1.915	2.878	6.8	19.9
4 21	12 18.67	+ 6 38.2	1.981	2.893	10.1	20.1
5 1	12 14.01	+ 6 42.5	2.071	2.909	13.1	20.4
499269	2009 VN_{49}		3 29.9	151.°40	1.°8/28.1	17
2 21	13 0.22	− 0 38.2	2.113	2.917	13.3	22.2
3 2	12 55.68	− 0 5.7	2.032	2.923	10.3	22.0
3 12	12 49.12	+ 0 35.5	1.975	2.928	6.7	21.8
3 22	12 41.10	+ 1 20.9	1.945	2.933	3.1	21.6
4 1	12 32.43	+ 2 5.3	1.943	2.938	2.4	21.5
4 11	12 24.01	+ 2 43.2	1.971	2.942	5.9	21.8
4 21	12 16.66	+ 3 10.3	2.025	2.946	9.5	22.0
5 1	12 11.03	+ 3 23.9	2.104	2.949	12.6	22.2
10627	Ookuninushi		3 29.9	164.°17	3.°5/25.5	18
2 21	12 56.67	+ 5 36.8	2.552	3.366	11.0	18.4
3 2	12 52.60	+ 6 32.2	2.474	3.369	8.4	18.2
3 12	12 46.91	+ 7 31.5	2.420	3.372	5.7	18.0
3 22	12 40.07	+ 8 29.7	2.395	3.375	3.7	17.9
4 1	12 32.71	+ 9 21.5	2.399	3.377	4.1	17.9
4 11	12 25.55	+10 2.1	2.432	3.379	6.5	18.1
4 21	12 19.24	+10 28.5	2.492	3.381	9.3	18.2
5 1	12 14.30	+10 39.2	2.575	3.383	11.7	18.4
65067	2002 AE_{186}		3 29.9	143.°42	1.°6/28.0	18
2 21	12 57.56	+ 0 2.9	2.535	3.336	11.4	20.1
3 2	12 53.30	+ 0 28.4	2.450	3.339	8.8	20.0
3 12	12 47.39	+ 1 0.5	2.391	3.343	5.7	19.8
3 22	12 40.30	+ 1 35.5	2.358	3.346	2.6	19.6
4 1	12 32.66	+ 2 9.4	2.356	3.350	2.1	19.5
4 11	12 25.22	+ 2 37.9	2.382	3.353	5.1	19.7
4 21	12 18.63	+ 2 57.7	2.437	3.356	8.2	19.9
5 1	12 13.44	+ 3 6.6	2.516	3.358	10.9	20.1

206232 2002 VC_{124} 3 29.9 224.°51 0.°7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.39	− 8 9.0	2.579	3.353	12.0	21.2
3 2	12 53.29	− 7 51.3	2.475	3.345	9.5	21.0
3 12	12 47.47	− 7 21.9	2.395	3.336	6.5	20.8
3 22	12 40.38	− 6 42.9	2.342	3.327	3.2	20.6
4 1	12 32.63	− 5 57.6	2.318	3.317	0.8	20.4
4 11	12 24.97	− 5 10.5	2.325	3.307	4.1	20.6
4 21	12 18.09	− 4 26.3	2.359	3.296	7.5	20.8
5 1	12 12.59	− 3 49.1	2.420	3.285	10.5	21.0

92746 2000 QK_{110} 3 29.9 77.°66 1.°2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.75	− 5 3.8	1.446	2.264	17.6	19.3
3 2	12 55.38	− 4 12.3	1.378	2.275	13.7	19.1
3 12	12 49.32	− 3 2.9	1.331	2.286	9.0	18.8
3 22	12 41.29	− 1 41.9	1.308	2.297	3.9	18.5
4 1	12 32.41	− 0 18.0	1.311	2.308	2.1	18.4
4 11	12 23.96	+ 0 58.5	1.341	2.319	7.0	18.8
4 21	12 17.04	+ 1 59.7	1.395	2.330	11.7	19.1
5 1	12 12.45	+ 2 40.6	1.472	2.341	15.8	19.3

159038 2004 TD_{85} 3 29.9 211.°05 0.°3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.01	− 7 13.5	2.105	2.893	13.9	21.3
3 2	12 54.12	− 6 48.2	2.012	2.890	10.9	21.1
3 12	12 48.20	− 6 9.1	1.941	2.887	7.4	20.9
3 22	12 40.75	− 5 19.0	1.896	2.883	3.4	20.6
4 1	12 32.55	− 4 22.7	1.880	2.879	0.8	20.4
4 11	12 24.51	− 3 26.2	1.893	2.875	4.9	20.7
4 21	12 17.46	− 2 35.2	1.933	2.870	8.8	20.9
5 1	12 12.11	− 1 54.7	1.998	2.865	12.3	21.1

410323 2007 UK_2 3 29.9 189.°43 3.°0/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.82	+ 2 22.7	2.151	2.955	13.1	22.5
3 2	12 57.73	+ 3 11.1	2.063	2.954	10.1	22.3
3 12	12 50.53	+ 4 6.7	2.000	2.952	6.7	22.1
3 22	12 41.78	+ 5 4.5	1.964	2.949	3.6	21.9
4 1	12 32.28	+ 5 58.1	1.958	2.946	3.6	21.9
4 11	12 22.99	+ 6 41.6	1.982	2.941	6.8	22.0
4 21	12 14.76	+ 7 10.8	2.032	2.936	10.3	22.2
5 1	12 8.30	+ 7 23.4	2.106	2.930	13.4	22.4

244137 2001 VW_{118} 3 29.9 189.°96 3.°1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.47	−16 52.1	2.678	3.412	12.6	21.1
3 2	12 52.55	−16 50.5	2.577	3.411	10.4	20.9
3 12	12 46.96	−16 33.6	2.498	3.410	7.8	20.7
3 22	12 40.14	−16 1.8	2.445	3.408	5.1	20.5
4 1	12 32.72	−15 17.2	2.420	3.407	3.2	20.4
4 11	12 25.42	−14 23.7	2.425	3.405	4.2	20.5
4 21	12 18.91	−13 26.4	2.458	3.403	6.8	20.6
5 1	12 13.76	−12 30.3	2.518	3.400	9.5	20.8

430506 2001 UF_{213} 3 29.9 203.°95 2.°3/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.10	+ 2 50.9	2.601	3.404	11.1	21.6
3 2	12 54.49	+ 3 19.3	2.511	3.401	8.6	21.4
3 12	12 48.20	+ 3 52.5	2.445	3.397	5.7	21.3
3 22	12 40.68	+ 4 26.7	2.407	3.393	3.0	21.1
4 1	12 32.59	+ 4 57.6	2.399	3.388	2.9	21.0
4 11	12 24.65	+ 5 21.2	2.421	3.383	5.6	21.2
4 21	12 17.54	+ 5 34.5	2.470	3.378	8.6	21.4
5 1	12 11.82	+ 5 35.7	2.544	3.372	11.2	21.6

36818 2000 SG_{79} 3 29.9 101.°70 0.°4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.48	− 4 41.9	2.567	3.356	11.7	20.3
3 2	12 52.40	− 4 11.1	2.491	3.372	9.0	20.1
3 12	12 46.75	− 3 30.8	2.438	3.387	5.9	20.0
3 22	12 40.00	− 2 44.3	2.414	3.402	2.6	19.8
4 1	12 32.79	− 1 55.7	2.419	3.417	1.0	19.6
4 11	12 25.82	− 1 9.6	2.453	3.431	4.3	19.9
4 21	12 19.71	− 0 30.1	2.516	3.445	7.5	20.1
5 1	12 14.95	− 0 0.4	2.604	3.459	10.2	20.3

277804 2006 FJ_8 3 29.9 279.°10 0.°3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.33	− 5 15.8	2.011	2.810	14.1	21.3
3 2	12 53.67	− 4 51.3	1.921	2.807	11.0	21.0
3 12	12 47.94	− 4 14.1	1.854	2.804	7.3	20.8
3 22	12 40.65	− 3 27.6	1.813	2.801	3.3	20.6
4 1	12 32.59	− 2 36.7	1.800	2.798	1.1	20.4
4 11	12 24.72	− 1 47.5	1.815	2.795	5.3	20.7
4 21	12 17.89	− 1 5.7	1.857	2.792	9.3	20.9
5 1	12 12.78	− 0 35.5	1.923	2.790	12.7	21.1

45952 2001 AS_{31} 3 29.9 79.°12 3.°6/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.66	−13 31.0	1.560	2.339	18.4	19.0
3 2	12 57.67	−13 50.3	1.482	2.347	14.9	18.7
3 12	12 50.91	−13 49.1	1.423	2.354	10.9	18.5
3 22	12 42.07	−13 27.8	1.387	2.362	6.6	18.3
4 1	12 32.21	−12 49.3	1.377	2.370	3.6	18.1
4 11	12 22.67	−12 0.0	1.394	2.378	6.0	18.3
4 21	12 14.61	−11 7.8	1.435	2.385	10.2	18.5
5 1	12 8.94	−10 20.7	1.500	2.393	14.2	18.8

400545 2008 UE_{243} 3 29.9 282.°92 5.°3/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.40	−15 30.5	1.460	2.236	19.5	21.5
3 2	12 58.14	−16 10.0	1.358	2.218	16.3	21.2
3 12	12 51.75	−16 28.5	1.274	2.200	12.4	20.9
3 22	12 42.69	−16 23.5	1.212	2.181	8.2	20.6
4 1	12 31.99	−15 55.0	1.174	2.162	5.4	20.4
4 11	12 21.15	−15 7.7	1.161	2.144	7.2	20.4
4 21	12 11.68	−14 10.1	1.173	2.125	11.7	20.6
5 1	12 4.83	−13 12.4	1.206	2.106	16.4	20.8

99461 2002 CM_{66} 3 29.9 218.°64 4.°9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.58	+ 5 53.8	1.856	2.677	14.2	20.6
3 2	12 57.19	+ 7 4.6	1.770	2.669	11.0	20.4
3 12	12 50.41	+ 8 22.3	1.708	2.660	7.6	20.1
3 22	12 41.81	+ 9 39.5	1.672	2.650	5.1	20.0
4 1	12 32.29	+10 47.6	1.664	2.640	5.8	20.0
4 11	12 22.95	+11 39.0	1.683	2.629	9.0	20.1
4 21	12 14.80	+12 9.1	1.728	2.617	12.6	20.3
5 1	12 8.64	+12 16.2	1.794	2.605	15.9	20.5

435400 2007 YS_{74} 3 29.9 164.°66 3.°7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.95	+ 5 47.6	2.552	3.370	10.9	20.9
3 2	12 51.32	+ 6 53.0	2.474	3.372	8.3	20.7
3 12	12 46.10	+ 8 2.5	2.421	3.373	5.7	20.5
3 22	12 39.75	+ 9 11.0	2.396	3.375	3.8	20.4
4 1	12 32.88	+10 12.6	2.401	3.376	4.4	20.4
4 11	12 26.19	+11 2.3	2.434	3.377	6.8	20.6
4 21	12 20.33	+11 36.9	2.493	3.378	9.4	20.8
5 1	12 15.79	+11 54.8	2.576	3.379	11.8	20.9

399055 2013 TL_{45} 3 29.9 262.°66 0.°5/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.12	− 7 41.2	1.914	2.706	14.9	21.5
3 2	12 54.51	− 7 21.5	1.815	2.696	11.8	21.3
3 12	12 48.65	− 6 46.4	1.739	2.685	8.1	21.0
3 22	12 41.04	− 5 58.5	1.688	2.674	3.8	20.7
4 1	12 32.51	− 5 2.6	1.664	2.663	0.9	20.5
4 11	12 24.08	− 4 5.2	1.669	2.652	5.3	20.8
4 21	12 16.71	− 3 13.0	1.700	2.641	9.6	21.0
5 1	12 11.20	− 2 31.5	1.755	2.629	13.4	21.2

509694 2008 RE_{84} 3 29.9 257.°31 1.°7/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.62	−10 35.7	2.052	2.828	14.6	21.6
3 2	12 54.79	−10 30.4	1.949	2.816	11.7	21.4
3 12	12 48.79	−10 9.5	1.867	2.804	8.3	21.2
3 22	12 41.10	− 9 34.4	1.811	2.792	4.5	20.9
4 1	12 32.49	− 8 48.5	1.783	2.780	1.8	20.7
4 11	12 23.96	− 7 57.1	1.783	2.767	4.9	20.9
4 21	12 16.41	− 7 6.4	1.810	2.754	8.9	21.1
5 1	12 10.63	− 6 22.2	1.862	2.741	12.5	21.3

107387 2001 CU_{42} 3 29.9 49.°22 1.°0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.23	− 4 24.5	1.330	2.155	18.5	19.9
3 2	12 55.89	− 3 52.0	1.270	2.170	14.3	19.7
3 12	12 49.72	− 3 2.8	1.229	2.186	9.4	19.5
3 22	12 41.49	− 2 2.9	1.212	2.202	4.1	19.2
4 1	12 32.43	− 1 0.4	1.221	2.219	1.9	19.1
4 11	12 23.89	− 0 4.6	1.255	2.236	7.1	19.5
4 21	12 17.04	+ 0 37.3	1.313	2.253	11.9	19.8
5 1	12 12.66	+ 1 1.0	1.393	2.271	16.0	20.1

331796 2003 OJ_3 3 29.9 199.°32 6.°1/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.05	−24 58.1	2.429	3.117	14.8	20.7
3 2	12 54.91	−25 21.1	2.326	3.114	12.8	20.6
3 12	12 48.74	−25 24.0	2.241	3.111	10.5	20.4
3 22	12 41.03	−25 5.1	2.181	3.107	8.1	20.2
4 1	12 32.52	−24 24.7	2.146	3.104	6.3	20.1
4 11	12 24.10	−23 26.3	2.139	3.099	6.3	20.1
4 21	12 16.63	−22 15.3	2.159	3.095	8.1	20.2
5 1	12 10.79	−20 59.0	2.205	3.090	10.6	20.3

192780 1999 UY_{24} 3 29.9 128.°86 0.°7/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.70	− 2 27.3	2.361	3.149	12.6	21.0
3 2	12 57.33	− 2 17.8	2.282	3.162	9.7	20.8
3 12	12 50.09	− 2 0.5	2.227	3.175	6.4	20.6
3 22	12 41.53	− 1 38.2	2.199	3.187	2.8	20.4
4 1	12 32.41	− 1 14.8	2.202	3.199	1.3	20.3
4 11	12 23.57	− 0 54.2	2.234	3.211	4.8	20.6
4 21	12 15.75	− 0 39.8	2.295	3.222	8.2	20.8
5 1	12 9.54	− 0 34.2	2.382	3.232	11.2	21.0

318125 2004 LZ_{20} 3 29.9 189.°09 2.°5/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.67	− 0 16.2	2.132	2.941	13.0	21.6
3 2	12 53.78	+ 0 49.1	2.046	2.940	10.0	21.4
3 12	12 47.92	+ 2 4.8	1.985	2.939	6.5	21.2
3 22	12 40.63	+ 3 25.4	1.950	2.938	3.2	21.0
4 1	12 32.65	+ 4 43.8	1.945	2.936	3.2	21.0
4 11	12 24.86	+ 5 53.1	1.969	2.933	6.6	21.2
4 21	12 18.07	+ 6 48.0	2.020	2.930	10.1	21.4
5 1	12 12.92	+ 7 25.0	2.095	2.927	13.2	21.6

366416 2001 TV_{209} 3 29.9 190.°56 4.°0/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.07	−19 18.1	2.476	3.194	13.9	22.2
3 2	12 55.52	−19 18.4	2.373	3.193	11.6	22.0
3 12	12 49.05	−19 0.6	2.290	3.191	8.9	21.8
3 22	12 41.14	−18 24.6	2.233	3.188	6.1	21.6
4 1	12 32.50	−17 32.1	2.204	3.185	4.1	21.5
4 11	12 23.98	−16 27.5	2.204	3.180	4.9	21.5
4 21	12 16.37	−15 16.8	2.233	3.175	7.5	21.7
5 1	12 10.32	−14 6.3	2.288	3.169	10.4	21.9

141250 2001 YP_6 3 29.9 68.°73 1.°8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.60	− 1 51.1	2.218	3.027	12.6	20.2
3 2	12 51.23	− 0 51.7	2.145	3.039	9.6	20.0
3 12	12 46.11	+ 0 17.8	2.096	3.051	6.2	19.8
3 22	12 39.77	+ 1 32.2	2.075	3.063	2.8	19.6
4 1	12 32.89	+ 2 45.2	2.082	3.076	2.5	19.6
4 11	12 26.29	+ 3 50.7	2.119	3.088	5.7	19.8
4 21	12 20.63	+ 4 43.7	2.182	3.100	9.0	20.1
5 1	12 16.47	+ 5 21.2	2.270	3.113	11.9	20.3

305736 2009 CJ_{47} 3 29.9 117.°39 1.°0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.30	− 3 24.4	1.674	2.479	16.2	21.5
3 2	12 58.55	− 3 1.2	1.602	2.491	12.6	21.3
3 12	12 51.27	− 2 25.5	1.551	2.503	8.3	21.0
3 22	12 42.16	− 1 41.6	1.526	2.515	3.6	20.8
4 1	12 32.25	− 0 55.7	1.528	2.526	1.7	20.6
4 11	12 22.73	− 0 14.5	1.559	2.537	6.3	21.0
4 21	12 14.65	+ 0 16.3	1.615	2.547	10.6	21.2
5 1	12 8.77	+ 0 32.9	1.694	2.557	14.4	21.5

400311 2007 TD_{244} 3 29.9 172.°31 2.°2/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.78	−12 58.7	2.099	2.857	14.9	22.8
3 2	12 57.06	−12 45.9	2.007	2.862	12.0	22.6
3 12	12 50.17	−12 15.7	1.936	2.865	8.6	22.4
3 22	12 41.66	−11 29.6	1.891	2.868	4.8	22.2
4 1	12 32.37	−10 31.1	1.874	2.869	2.2	22.0
4 11	12 23.28	− 9 26.1	1.887	2.871	4.8	22.2
4 21	12 15.29	− 8 21.5	1.928	2.871	8.5	22.4
5 1	12 9.11	− 7 23.4	1.995	2.870	12.0	22.6

408953 2002 EM_{151} 3 29.9 2.°11 0.°6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.47	− 3 38.2	1.144	1.984	19.9	20.6
3 2	12 55.21	− 3 36.6	1.073	1.982	15.6	20.3
3 12	12 49.70	− 3 19.0	1.022	1.981	10.5	20.0
3 22	12 41.66	− 2 49.7	0.991	1.981	4.6	19.7
4 1	12 32.36	− 2 15.4	0.984	1.983	1.7	19.5
4 11	12 23.43	− 1 44.8	1.001	1.985	7.6	19.8
4 21	12 16.29	− 1 25.5	1.040	1.989	13.2	20.1
5 1	12 11.98	− 1 22.3	1.098	1.994	17.9	20.4

184277 2005 AB_{22} 3 29.9 26.°85 3.°8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.21	−13 43.4	1.258	2.060	20.7	19.6
3 2	12 54.74	−13 57.3	1.189	2.068	16.8	19.3
3 12	12 49.22	−13 46.0	1.138	2.076	12.2	19.1
3 22	12 41.38	−13 10.1	1.108	2.086	7.3	18.8
4 1	12 32.45	−12 14.1	1.102	2.096	3.8	18.7
4 11	12 23.92	−11 6.9	1.120	2.107	6.5	18.9
4 21	12 17.11	− 9 59.0	1.161	2.118	11.3	19.2
5 1	12 12.95	− 9 0.1	1.224	2.130	15.7	19.4

23321 2001 BY_{16} 3 29.9 336.°35 2.°7/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.50	− 9 48.6	1.786	2.567	16.3	18.1
3 2	12 58.12	−10 27.3	1.693	2.562	13.1	17.9
3 12	12 51.17	−10 53.0	1.621	2.557	9.4	17.6
3 22	12 42.22	−11 5.5	1.574	2.553	5.4	17.4
4 1	12 32.20	−11 6.3	1.554	2.548	2.7	17.2
4 11	12 22.29	−10 58.9	1.561	2.545	5.5	17.3
4 21	12 13.61	−10 48.1	1.595	2.541	9.6	17.6
5 1	12 7.05	−10 39.3	1.652	2.538	13.5	17.8

471842 2012 XH_{105} 3 29.9 179.°83 6.°2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.56	−29 30.8	3.112	3.749	12.7	22.0
3 2	12 54.11	−30 1.2	3.007	3.750	11.2	21.9
3 12	12 48.00	−30 14.0	2.921	3.750	9.5	21.7
3 22	12 40.64	−30 7.9	2.859	3.751	7.8	21.6
4 1	12 32.65	−29 42.4	2.823	3.751	6.5	21.5
4 11	12 24.74	−28 59.7	2.814	3.750	6.3	21.5
4 21	12 17.58	−28 3.6	2.832	3.749	7.3	21.6
5 1	12 11.75	−26 59.5	2.878	3.748	8.9	21.7

110422 2001 TZ_{20} 3 29.9 286.°25 4.°3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.66	−13 19.6	1.788	2.553	16.9	18.7
3 2	12 59.29	−14 7.3	1.680	2.535	14.0	18.4
3 12	12 52.18	−14 40.3	1.593	2.517	10.4	18.2
3 22	12 42.79	−14 57.1	1.529	2.499	6.7	17.9
4 1	12 32.04	−14 57.4	1.492	2.481	4.3	17.7
4 11	12 21.16	−14 44.4	1.483	2.463	6.2	17.8
4 21	12 11.41	−14 23.1	1.499	2.445	10.2	18.0
5 1	12 3.86	−14 0.2	1.540	2.427	14.2	18.2

462550 2009 CB_3 3 29.9 90.°16 17.°0/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	14 48.28	− 1 55.5	0.484	1.245	48.0	20.1
3 2	14 19.01	+ 6 38.6	0.475	1.340	35.3	19.9
3 12	13 42.39	+15 3.9	0.491	1.424	23.5	19.7
3 22	13 2.99	+21 45.2	0.540	1.500	17.2	19.8
4 1	12 27.44	+25 51.0	0.621	1.566	18.9	20.3
4 11	12 0.33	+27 39.4	0.727	1.624	23.7	20.9
4 21	11 42.46	+27 56.3	0.851	1.675	27.9	21.4
5 1	11 32.55	+27 19.0	0.986	1.718	30.9	21.9

170189 2003 OF_4 3 29.9 165.°18 1.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.46	− 9 50.0	2.006	2.781	14.9	21.0
3 2	12 56.86	− 9 27.4	1.918	2.787	11.8	20.8
3 12	12 50.06	− 8 48.6	1.853	2.792	8.2	20.5
3 22	12 41.64	− 7 56.1	1.813	2.796	4.1	20.3
4 1	12 32.43	− 6 54.5	1.802	2.800	1.2	20.1
4 11	12 23.47	− 5 50.4	1.820	2.803	4.9	20.4
4 21	12 15.64	− 4 50.3	1.865	2.805	8.9	20.6
5 1	12 9.68	− 4 0.0	1.936	2.806	12.5	20.8

102438 1999 TJ_{213} 3 29.9 205.°88 1.°2/31.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.82	− 9 45.5	2.046	2.822	14.7	21.2
3 2	12 56.44	− 9 26.8	1.948	2.817	11.7	21.0
3 12	12 49.85	− 8 52.0	1.872	2.811	8.1	20.8
3 22	12 41.58	− 8 3.4	1.822	2.805	4.1	20.5
4 1	12 32.44	− 7 5.2	1.800	2.798	1.3	20.3
4 11	12 23.42	− 6 3.5	1.807	2.790	4.9	20.5
4 21	12 15.46	− 5 4.9	1.842	2.782	9.0	20.8
5 1	12 9.32	− 4 15.2	1.902	2.773	12.7	21.0

75555 Wonaszek 3 29.9 163.°89 0.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.42	− 5 12.4	1.883	2.676	15.1	20.5
3 2	12 57.74	− 5 2.0	1.798	2.680	11.8	20.3
3 12	12 50.72	− 4 39.3	1.735	2.682	7.9	20.1
3 22	12 41.96	− 4 7.2	1.698	2.685	3.6	19.8
4 1	12 32.35	− 3 30.2	1.689	2.687	1.0	19.6
4 11	12 22.99	− 2 54.3	1.708	2.689	5.5	20.0
4 21	12 14.85	− 2 24.6	1.754	2.690	9.7	20.2
5 1	12 8.69	− 2 5.4	1.825	2.691	13.3	20.4

178222 2006 VV_{143} 3 29.9 164.°92 3.°0/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.48	−15 59.9	2.761	3.495	12.2	21.0
3 2	12 53.26	−16 4.3	2.663	3.498	10.0	20.8
3 12	12 47.42	−15 54.6	2.588	3.501	7.5	20.6
3 22	12 40.39	−15 31.4	2.539	3.504	4.8	20.5
4 1	12 32.79	−14 56.4	2.519	3.506	3.0	20.3
4 11	12 25.32	−14 13.3	2.529	3.508	4.1	20.4
4 21	12 18.62	−13 26.6	2.567	3.510	6.6	20.6
5 1	12 13.26	−12 40.7	2.632	3.512	9.3	20.7

277491 2005 WU_{84} 3 29.9 298.°74 8.°6/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.03	+16 58.7	1.728	2.555	14.8	20.1
3 2	12 58.53	+18 0.7	1.653	2.545	12.1	19.8
3 12	12 51.40	+18 58.2	1.601	2.535	9.7	19.7
3 22	12 42.30	+19 42.0	1.574	2.524	8.6	19.6
4 1	12 32.27	+20 3.9	1.572	2.514	9.6	19.6
4 11	12 22.55	+19 58.5	1.595	2.505	12.1	19.7
4 21	12 14.24	+19 25.0	1.640	2.495	15.0	19.9
5 1	12 8.17	+18 25.7	1.705	2.485	17.8	20.1

135746 2002 QR_7 3 29.9 147.°22 1.°9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.72	− 0 46.4	2.080	2.881	13.6	20.8
3 2	12 56.86	− 0 5.4	2.002	2.891	10.5	20.6
3 12	12 49.94	+ 0 44.8	1.948	2.901	6.8	20.4
3 22	12 41.55	+ 1 39.5	1.922	2.910	3.2	20.2
4 1	12 32.50	+ 2 32.7	1.924	2.918	2.6	20.1
4 11	12 23.75	+ 3 18.5	1.956	2.926	6.1	20.4
4 21	12 16.13	+ 3 52.5	2.015	2.933	9.7	20.6
5 1	12 10.29	+ 4 11.8	2.098	2.939	12.8	20.8

421446 2014 MV_{22} 3 29.9 273.°54 3.°7/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.07	+ 0 55.0	1.484	2.314	16.7	20.9
3 2	12 55.93	+ 1 55.9	1.394	2.299	12.9	20.6
3 12	12 49.99	+ 3 10.8	1.326	2.284	8.6	20.3
3 22	12 41.80	+ 4 32.5	1.282	2.269	4.5	20.0
4 1	12 32.40	+ 5 51.3	1.264	2.254	4.7	20.0
4 11	12 23.11	+ 6 56.8	1.273	2.238	9.1	20.2
4 21	12 15.18	+ 7 41.6	1.305	2.223	13.8	20.4
5 1	12 9.61	+ 8 1.5	1.357	2.207	18.0	20.6

466200 2012 LZ_{15} 3 29.9 321.°67 4.°4/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.04	+ 4 35.1	1.648	2.480	15.2	21.2
3 2	12 54.69	+ 5 29.2	1.568	2.474	11.7	21.0
3 12	12 48.88	+ 6 30.8	1.511	2.468	8.0	20.7
3 22	12 41.19	+ 7 32.6	1.479	2.462	4.8	20.5
4 1	12 32.59	+ 8 26.5	1.473	2.456	5.3	20.5
4 11	12 24.22	+ 9 4.8	1.493	2.451	8.8	20.7
4 21	12 17.14	+ 9 22.9	1.537	2.446	12.7	20.9
5 1	12 12.15	+ 9 19.2	1.603	2.441	16.3	21.1

16712 1995 SW_{29} 3 29.9 113.°01 8.°7/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.10	−35 39.5	2.859	3.443	14.6	18.5
3 2	12 58.72	−36 47.1	2.771	3.458	13.2	18.4
3 12	12 51.24	−37 34.7	2.701	3.474	11.7	18.3
3 22	12 42.19	−37 58.9	2.652	3.489	10.2	18.2
4 1	12 32.32	−37 58.1	2.627	3.504	9.1	18.1
4 11	12 22.55	−37 33.4	2.628	3.518	8.7	18.1
4 21	12 13.77	−36 48.8	2.653	3.533	9.1	18.2
5 1	12 6.68	−35 50.1	2.704	3.546	10.2	18.3

55853 1996 TF_{52} 3 29.9 41.°34 2.°7/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.84	− 9 7.7	1.620	2.406	17.5	17.7
3 2	13 0.02	− 9 50.1	1.542	2.414	14.0	17.5
3 12	12 52.46	−10 18.5	1.485	2.423	9.9	17.2
3 22	12 42.81	−10 33.2	1.452	2.432	5.5	17.0
4 1	12 32.16	−10 35.6	1.445	2.441	2.7	16.8
4 11	12 21.82	−10 30.1	1.467	2.450	5.8	17.0
4 21	12 12.97	−10 21.7	1.514	2.460	10.0	17.3
5 1	12 6.49	−10 15.7	1.584	2.471	13.9	17.6

98244 2000 SH_{166} 3 29.9 73.°74 4.°5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.20	−15 35.3	1.514	2.287	19.1	19.8
3 2	12 57.48	−15 58.8	1.435	2.293	15.7	19.5
3 12	12 50.92	−15 59.8	1.374	2.300	11.7	19.3
3 22	12 42.16	−15 37.6	1.336	2.306	7.5	19.1
4 1	12 32.33	−14 54.9	1.323	2.312	4.6	18.9
4 11	12 22.79	−13 58.1	1.336	2.319	6.4	19.0
4 21	12 14.77	−12 56.0	1.374	2.325	10.4	19.3
5 1	12 9.20	−11 57.6	1.435	2.332	14.4	19.5

368772 2005 WW_{26} 3 29.9 137.°69 2.°2/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.67	−13 10.9	2.264	3.020	14.0	22.1
3 2	12 55.21	−12 58.0	2.178	3.032	11.2	21.9
3 12	12 48.83	−12 29.0	2.115	3.043	8.0	21.7
3 22	12 41.05	−11 45.5	2.077	3.053	4.6	21.5
4 1	12 32.65	−10 51.1	2.069	3.063	2.2	21.4
4 11	12 24.48	− 9 51.0	2.089	3.073	4.4	21.5
4 21	12 17.33	− 8 51.1	2.138	3.082	7.7	21.7
5 1	12 11.83	− 7 57.1	2.213	3.090	10.9	22.0

437146 2012 VS_{17} 3 29.9 254.°80 1.°8/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.83	−12 45.8	2.306	3.073	13.5	21.5
3 2	12 51.54	−12 21.2	2.210	3.071	10.8	21.3
3 12	12 46.44	−11 40.0	2.137	3.070	7.7	21.1
3 22	12 40.00	−10 44.3	2.090	3.068	4.3	20.9
4 1	12 32.92	− 9 37.9	2.071	3.067	1.8	20.7
4 11	12 25.99	− 8 26.5	2.081	3.066	4.2	20.9
4 21	12 19.95	− 7 16.4	2.119	3.064	7.7	21.1
5 1	12 15.40	− 6 13.3	2.182	3.063	10.9	21.3

432016 2008 VK_7 3 29.9 271.°28 1.°8/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.54	− 8 18.7	1.955	2.733	15.2	20.7
3 2	12 58.79	− 8 44.3	1.852	2.721	12.2	20.4
3 12	12 51.59	− 8 58.3	1.771	2.709	8.6	20.2
3 22	12 42.45	− 9 1.1	1.715	2.697	4.6	19.9
4 1	12 32.24	− 8 54.7	1.687	2.684	1.9	19.7
4 11	12 22.05	− 8 42.9	1.688	2.672	5.2	19.9
4 21	12 12.95	− 8 30.2	1.717	2.659	9.4	20.1
5 1	12 5.81	− 8 21.3	1.770	2.647	13.2	20.3

66682 1999 TR_{35} 3 29.9 339.°83 8.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 17.68	+17 24.8	1.271	2.092	19.5	17.1
3 2	13 10.96	+17 16.1	1.192	2.081	16.0	16.8
3 12	13 0.27	+16 54.9	1.133	2.072	12.2	16.6
3 22	12 46.47	+16 11.4	1.097	2.063	9.3	16.4
4 1	12 31.18	+14 58.5	1.087	2.056	9.4	16.4
4 11	12 16.47	+13 15.0	1.103	2.049	12.6	16.5
4 21	12 4.09	+11 6.1	1.143	2.044	16.8	16.7
5 1	11 55.20	+ 8 39.6	1.205	2.039	20.8	17.0

370214 2002 GS_{177} 3 29.9 98.°64 2.°9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.19	+ 2 48.0	1.968	2.781	13.8	20.7
3 2	12 56.54	+ 3 20.1	1.897	2.792	10.6	20.5
3 12	12 49.76	+ 3 58.2	1.849	2.803	7.0	20.3
3 22	12 41.47	+ 4 37.1	1.827	2.813	3.7	20.1
4 1	12 32.55	+ 5 11.1	1.834	2.823	3.5	20.1
4 11	12 23.96	+ 5 35.1	1.869	2.834	6.8	20.3
4 21	12 16.57	+ 5 45.7	1.931	2.844	10.3	20.6
5 1	12 11.03	+ 5 41.3	2.015	2.854	13.4	20.8

454490 2014 OB_{139} 3 29.9 332.°20 3.°9/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 53.92	− 0 27.8	1.104	1.959	19.5	20.9
3 2	12 52.66	+ 0 34.2	1.028	1.947	15.1	20.5
3 12	12 48.18	+ 1 55.5	0.971	1.935	10.0	20.2
3 22	12 41.09	+ 3 27.4	0.935	1.924	5.0	19.9
4 1	12 32.61	+ 4 57.2	0.922	1.915	5.1	19.9
4 11	12 24.35	+ 6 11.3	0.933	1.906	10.3	20.1
4 21	12 17.80	+ 6 59.8	0.964	1.898	15.7	20.4
5 1	12 14.06	+ 7 17.9	1.013	1.891	20.5	20.6

456885 2007 VZ_{108} 3 29.9 84.°68 1.°4/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.54	− 2 49.1	1.580	2.392	16.7	22.2
3 2	12 58.01	− 2 18.2	1.517	2.410	12.9	22.0
3 12	12 50.93	− 1 34.7	1.475	2.429	8.4	21.8
3 22	12 42.04	− 0 43.8	1.459	2.448	3.7	21.5
4 1	12 32.42	+ 0 7.6	1.469	2.466	2.1	21.4
4 11	12 23.31	+ 0 52.1	1.507	2.484	6.6	21.8
4 21	12 15.71	+ 1 24.2	1.571	2.502	10.9	22.1
5 1	12 10.37	+ 1 40.5	1.657	2.519	14.6	22.3

497901 2006 UR_{359} 3 29.9 225.°00 2.°2/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.68	−13 0.4	1.946	2.715	15.5	22.1
3 2	12 54.97	−12 43.1	1.846	2.708	12.6	21.8
3 12	12 48.98	−12 6.7	1.768	2.701	9.0	21.6
3 22	12 41.25	−11 12.3	1.715	2.693	5.1	21.3
4 1	12 32.61	−10 4.0	1.690	2.685	2.2	21.1
4 11	12 24.08	− 8 48.6	1.692	2.677	5.0	21.3
4 21	12 16.64	− 7 33.7	1.722	2.668	9.1	21.5
5 1	12 11.06	− 6 26.5	1.777	2.659	12.9	21.7

294285 2007 UK_{114} 3 29.9 145.°06 0.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.57	− 5 55.5	1.927	2.716	15.0	21.5
3 2	12 57.74	− 5 31.6	1.846	2.726	11.7	21.3
3 12	12 50.66	− 4 54.3	1.789	2.736	7.8	21.1
3 22	12 41.93	− 4 7.1	1.757	2.744	3.5	20.9
4 1	12 32.45	− 3 15.1	1.754	2.753	1.0	20.7
4 11	12 23.28	− 2 24.8	1.780	2.760	5.4	21.0
4 21	12 15.33	− 1 41.8	1.833	2.767	9.5	21.3
5 1	12 9.32	− 1 10.6	1.911	2.774	13.0	21.5

502967 2015 FJ_6 3 29.9 292.°68 7.°2/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.39	−21 6.1	1.869	2.595	17.5	20.9
3 2	12 58.30	−22 12.0	1.765	2.583	15.1	20.7
3 12	12 51.52	−22 59.2	1.681	2.571	12.2	20.5
3 22	12 42.53	−23 24.2	1.619	2.560	9.3	20.3
4 1	12 32.24	−23 25.1	1.583	2.548	7.4	20.2
4 11	12 21.86	−23 3.9	1.572	2.537	7.8	20.2
4 21	12 12.63	−22 26.0	1.587	2.525	10.3	20.3
5 1	12 5.56	−21 39.2	1.626	2.514	13.5	20.4

92688 2000 QE_{74} 3 29.9 101.°33 4.°8/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 3.41	−17 50.3	2.034	2.768	16.0	18.6
3 2	12 58.41	−18 24.2	1.954	2.784	13.3	18.5
3 12	12 51.13	−18 39.8	1.894	2.800	10.2	18.3
3 22	12 42.16	−18 36.1	1.858	2.815	7.0	18.1
4 1	12 32.40	−18 14.3	1.850	2.830	4.9	18.0
4 11	12 22.92	−17 38.7	1.869	2.845	5.7	18.1
4 21	12 14.66	−16 55.1	1.916	2.859	8.5	18.3
5 1	12 8.37	−16 10.2	1.988	2.873	11.6	18.5

180265 2003 WC_{27} 3 29.9 217.°58 1.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 50.26	−13 0.7	4.563	5.303	7.6	20.8
3 2	12 47.10	−12 53.8	4.458	5.301	6.1	20.6
3 12	12 43.06	−12 39.1	4.378	5.299	4.4	20.5
3 22	12 38.39	−12 17.4	4.326	5.297	2.6	20.4
4 1	12 33.42	−11 50.2	4.303	5.295	1.4	20.3
4 11	12 28.51	−11 19.7	4.311	5.293	2.4	20.4
4 21	12 24.01	−10 48.1	4.349	5.291	4.2	20.5
5 1	12 20.21	−10 17.8	4.414	5.289	5.9	20.6

244700 2003 QJ_{21} 3 29.9 239.°30 2.°1/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.52	− 1 8.0	1.942	2.747	14.3	21.6
3 2	12 57.18	− 0 25.4	1.841	2.731	11.1	21.4
3 12	12 50.49	+ 0 28.9	1.762	2.715	7.4	21.1
3 22	12 41.96	+ 1 30.1	1.710	2.698	3.4	20.9
4 1	12 32.43	+ 2 31.9	1.687	2.681	2.8	20.8
4 11	12 22.96	+ 3 27.1	1.692	2.662	6.8	21.0
4 21	12 14.54	+ 4 9.6	1.724	2.643	10.9	21.2
5 1	12 8.02	+ 4 35.4	1.779	2.623	14.6	21.4

471399 2011 SN_{166} 3 29.9 199.°64 1.°7/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.33	−10 51.6	2.646	3.406	12.1	21.9
3 2	12 54.00	−10 55.2	2.547	3.404	9.7	21.7
3 12	12 47.97	−10 47.1	2.471	3.402	6.9	21.5
3 22	12 40.70	−10 28.4	2.422	3.400	3.8	21.3
4 1	12 32.80	−10 1.4	2.402	3.397	1.8	21.2
4 11	12 25.01	− 9 29.7	2.411	3.394	3.9	21.3
4 21	12 18.01	− 8 57.4	2.449	3.391	7.0	21.5
5 1	12 12.38	− 8 28.5	2.514	3.388	9.9	21.7

91506 1999 RC_{160} 3 29.9 176.°85 0.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.18	− 7 44.3	2.582	3.347	12.2	20.4
3 2	12 56.94	− 7 44.5	2.486	3.350	9.7	20.2
3 12	12 49.91	− 7 34.5	2.414	3.352	6.6	20.0
3 22	12 41.57	− 7 15.8	2.369	3.353	3.3	19.8
4 1	12 32.58	− 6 51.1	2.355	3.353	1.0	19.6
4 11	12 23.73	− 6 24.1	2.371	3.353	4.1	19.9
4 21	12 15.77	− 5 58.9	2.417	3.353	7.4	20.1
5 1	12 9.27	− 5 38.8	2.489	3.351	10.3	20.3

144638 2004 FB_{93} 3 29.9 293.°15 1.°0/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.63	− 2 50.8	2.176	2.979	13.0	20.2
3 2	12 53.12	− 2 25.1	2.072	2.961	10.1	20.0
3 12	12 47.64	− 1 48.8	1.991	2.944	6.7	19.7
3 22	12 40.63	− 1 5.5	1.937	2.926	3.0	19.5
4 1	12 32.81	− 0 19.9	1.911	2.908	1.6	19.3
4 11	12 25.04	+ 0 22.6	1.914	2.891	5.5	19.6
4 21	12 18.16	+ 0 56.8	1.944	2.873	9.3	19.8
5 1	12 12.85	+ 1 19.0	1.997	2.856	12.7	19.9

176765 2002 RL_{189} 3 29.9 209.°05 0.°2/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.49	− 7 1.6	2.124	2.908	13.9	22.1
3 2	12 56.11	− 6 34.5	2.026	2.902	11.0	21.8
3 12	12 49.62	− 5 53.5	1.950	2.895	7.4	21.6
3 22	12 41.52	− 5 1.4	1.901	2.888	3.4	21.3
4 1	12 32.60	− 4 3.0	1.881	2.880	0.8	21.1
4 11	12 23.81	− 3 4.4	1.891	2.871	5.1	21.4
4 21	12 16.01	− 2 11.5	1.928	2.862	9.0	21.6
5 1	12 9.94	− 1 29.4	1.989	2.852	12.5	21.8

134303 2701 P–L 3 29.9 174.°69 1.°0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.32	− 4 58.5	2.321	3.108	12.8	20.7
3 2	12 54.91	− 3 59.0	2.231	3.112	9.9	20.6
3 12	12 48.63	− 2 46.6	2.166	3.115	6.5	20.3
3 22	12 41.02	− 1 25.7	2.129	3.117	2.8	20.1
4 1	12 32.76	− 0 2.3	2.122	3.119	1.6	20.0
4 11	12 24.71	+ 1 16.8	2.145	3.119	5.2	20.3
4 21	12 17.60	+ 2 25.7	2.197	3.119	8.8	20.5
5 1	12 12.04	+ 3 20.3	2.274	3.118	11.9	20.7

469920 2005 YC_{165} 3 29.9 32.°43 10.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.90	+19 27.1	1.551	2.388	15.7	20.3
3 2	12 56.16	+20 57.9	1.504	2.397	13.0	20.1
3 12	12 49.79	+22 20.2	1.480	2.406	10.9	20.0
3 22	12 41.57	+23 23.2	1.479	2.416	10.2	20.0
4 1	12 32.65	+23 58.1	1.502	2.427	11.4	20.1
4 11	12 24.28	+24 0.5	1.548	2.438	13.6	20.3
4 21	12 17.49	+23 31.1	1.614	2.449	16.2	20.5
5 1	12 13.00	+22 33.5	1.699	2.461	18.5	20.7

201634 2003 SQ_{284} 3 29.9 209.°51 1.°5/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.68	−10 43.8	2.498	3.261	12.7	21.6
3 2	12 54.41	−10 32.4	2.396	3.256	10.1	21.4
3 12	12 48.34	−10 7.6	2.316	3.250	7.1	21.2
3 22	12 40.91	− 9 31.0	2.263	3.243	3.8	21.0
4 1	12 32.80	− 8 45.7	2.239	3.236	1.5	20.8
4 11	12 24.79	− 7 56.2	2.245	3.228	4.1	21.0
4 21	12 17.61	− 7 7.5	2.279	3.220	7.5	21.2
5 1	12 11.88	− 6 24.3	2.340	3.211	10.6	21.3

120432 2614 T-$_3$ 3 29.9 283.°13 0.°7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.15	− 7 4.1	2.369	3.151	12.7	20.0
3 2	12 54.12	− 7 3.8	2.267	3.140	10.1	19.8
3 12	12 48.21	− 6 52.9	2.187	3.130	6.9	19.6
3 22	12 40.88	− 6 33.0	2.134	3.119	3.4	19.3
4 1	12 32.81	− 6 7.0	2.110	3.108	0.9	19.1
4 11	12 24.81	− 5 39.2	2.115	3.098	4.4	19.4
4 21	12 17.66	− 5 13.6	2.147	3.087	7.9	19.6
5 1	12 12.01	− 4 54.3	2.205	3.076	11.2	19.8

34934 6689 P–L 3 29.9 14.°46 0.°5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.01	− 5 26.8	1.970	2.776	14.1	18.3
3 2	12 51.14	− 4 49.7	1.889	2.779	10.9	18.1
3 12	12 46.30	− 3 59.1	1.830	2.782	7.2	17.9
3 22	12 40.02	− 2 59.1	1.797	2.786	3.2	17.6
4 1	12 33.06	− 1 55.4	1.793	2.791	1.2	17.5
4 11	12 26.34	− 0 54.7	1.815	2.796	5.3	17.8
4 21	12 20.64	− 0 2.9	1.865	2.801	9.2	18.0
5 1	12 16.60	+ 0 35.5	1.938	2.807	12.6	18.2

304783 2007 MN_7 3 29.9 241.°92 5.°7/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.74	+ 7 14.0	1.690	2.515	15.2	21.1
3 2	12 58.46	+ 8 21.5	1.602	2.502	11.9	20.8
3 12	12 51.52	+ 9 35.5	1.536	2.488	8.4	20.6
3 22	12 42.50	+10 47.7	1.497	2.474	5.8	20.4
4 1	12 32.38	+11 48.7	1.484	2.459	6.6	20.4
4 11	12 22.41	+12 30.5	1.498	2.443	10.0	20.6
4 21	12 13.74	+12 48.4	1.536	2.427	13.9	20.8
5 1	12 7.27	+12 41.3	1.595	2.410	17.4	20.9

72182 2000 YZ_{115} 3 29.9 85.°76 2.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 2.25	− 1 8.9	1.564	2.381	16.6	19.6
3 2	12 57.85	− 0 29.8	1.501	2.398	12.8	19.4
3 12	12 50.88	+ 0 20.7	1.459	2.415	8.3	19.2
3 22	12 42.08	+ 1 16.8	1.443	2.432	3.8	19.0
4 1	12 32.55	+ 2 10.9	1.454	2.448	2.9	19.0
4 11	12 23.50	+ 2 55.5	1.492	2.465	7.1	19.3
4 21	12 15.98	+ 3 25.3	1.555	2.481	11.4	19.5
5 1	12 10.71	+ 3 37.6	1.640	2.497	15.0	19.8

84829 2003 AN 3 29.9 49.°04 6.°0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.25	+ 8 49.3	1.941	2.777	13.1	18.9
3 2	12 51.25	+10 37.7	1.886	2.791	10.1	18.8
3 12	12 46.30	+12 28.9	1.857	2.806	7.3	18.6
3 22	12 39.98	+14 13.9	1.854	2.821	6.0	18.6
4 1	12 33.10	+15 43.8	1.878	2.837	7.0	18.7
4 11	12 26.56	+16 52.0	1.930	2.852	9.6	18.8
4 21	12 21.11	+17 35.1	2.005	2.868	12.3	19.0
5 1	12 17.34	+17 52.9	2.101	2.884	14.8	19.2

294695 2008 AP_{137} 3 29.9 305.°40 0.°9/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.61	− 7 2.7	1.561	2.367	17.2	20.7
3 2	12 56.30	− 7 4.7	1.467	2.354	13.7	20.5
3 12	12 50.24	− 6 51.0	1.394	2.342	9.4	20.2
3 22	12 41.99	− 6 23.6	1.344	2.330	4.6	19.9
4 1	12 32.53	− 5 47.0	1.320	2.319	1.2	19.6
4 11	12 23.16	− 5 7.8	1.323	2.307	6.1	19.9
4 21	12 15.08	− 4 32.9	1.350	2.296	11.0	20.1
5 1	12 9.30	− 4 8.4	1.400	2.286	15.4	20.4

422478 2014 SE_{328} 3 29.9 261.°10 2.°2/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.13	− 2 7.9	1.672	2.488	15.7	22.0
3 2	12 55.71	− 1 16.0	1.575	2.472	12.3	21.7
3 12	12 49.74	− 0 8.8	1.501	2.457	8.1	21.4
3 22	12 41.73	+ 1 8.1	1.451	2.440	3.7	21.1
4 1	12 32.61	+ 2 26.8	1.429	2.424	3.0	21.0
4 11	12 23.56	+ 3 38.1	1.434	2.407	7.5	21.2
4 21	12 15.70	+ 4 34.4	1.465	2.389	12.1	21.4
5 1	12 9.96	+ 5 10.4	1.517	2.372	16.2	21.7

210095 2006 QW_{87} 3 29.9 255.°48 2.°1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 54.74	− 1 0.0	2.244	3.055	12.4	20.7
3 2	12 51.49	+ 0 1.5	2.156	3.051	9.5	20.5
3 12	12 46.44	+ 1 13.4	2.093	3.048	6.2	20.3
3 22	12 40.07	+ 2 30.5	2.056	3.044	3.0	20.1
4 1	12 33.07	+ 3 46.6	2.049	3.041	2.8	20.1
4 11	12 26.23	+ 4 55.1	2.070	3.037	6.0	20.3
4 21	12 20.28	+ 5 50.8	2.119	3.033	9.4	20.5
5 1	12 15.82	+ 6 30.1	2.191	3.030	12.4	20.7

203404 2001 XM_{171} 3 29.9 11.°23 1.°1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.45	− 8 7.9	1.099	1.934	21.0	19.7
3 2	12 53.76	− 8 3.6	1.033	1.936	16.6	19.4
3 12	12 48.83	− 7 36.6	0.984	1.939	11.4	19.1
3 22	12 41.39	− 6 50.1	0.955	1.943	5.5	18.8
4 1	12 32.72	− 5 51.3	0.950	1.949	1.4	18.5
4 11	12 24.47	− 4 50.9	0.968	1.956	7.1	18.9
4 21	12 18.04	− 3 59.1	1.008	1.964	12.7	19.2
5 1	12 14.42	− 3 23.5	1.068	1.973	17.6	19.5

277774 2006 DG_{187} 3 29.9 157.°81 1.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.04	− 2 27.2	2.186	2.987	13.0	20.9
3 2	12 54.03	− 1 48.3	2.102	2.991	10.0	20.7
3 12	12 48.12	− 0 59.1	2.042	2.994	6.6	20.5
3 22	12 40.82	− 0 4.0	2.008	2.997	2.9	20.3
4 1	12 32.88	+ 0 51.8	2.003	2.999	2.0	20.2
4 11	12 25.15	+ 1 42.4	2.028	3.002	5.5	20.5
4 21	12 18.41	+ 2 23.0	2.080	3.004	9.1	20.7
5 1	12 13.26	+ 2 50.3	2.155	3.006	12.2	20.9

254528 2005 EM_{122} 3 29.9 313.°61 1.°0/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.01	− 7 56.4	1.387	2.202	18.4	20.5
3 2	12 54.67	− 7 52.6	1.291	2.184	14.7	20.2
3 12	12 49.40	− 7 29.6	1.215	2.165	10.2	19.9
3 22	12 41.71	− 6 49.3	1.161	2.147	5.0	19.5
4 1	12 32.61	− 5 56.6	1.131	2.130	1.3	19.2
4 11	12 23.51	− 5 0.0	1.127	2.113	6.6	19.5
4 21	12 15.78	− 4 8.3	1.147	2.097	12.1	19.7
5 1	12 10.54	− 3 29.6	1.187	2.082	17.0	20.0

45046 1999 XN_{20} 3 29.9 59.°89 0.°7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.80	− 5 38.5	1.464	2.279	17.6	19.0
3 2	12 55.43	− 5 0.1	1.398	2.293	13.7	18.8
3 12	12 49.41	− 4 4.6	1.352	2.306	9.0	18.6
3 22	12 41.48	− 2 57.2	1.331	2.320	4.0	18.3
4 1	12 32.72	− 1 45.8	1.335	2.334	1.6	18.2
4 11	12 24.41	− 0 39.5	1.367	2.348	6.6	18.5
4 21	12 17.61	+ 0 14.1	1.423	2.362	11.2	18.8
5 1	12 13.10	+ 0 49.9	1.501	2.376	15.2	19.1

162592 2000 SO_{43} 3 29.9 215.°23 2.°4/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.92	− 1 29.5	1.850	2.660	14.7	20.5
3 2	12 55.96	− 0 28.6	1.759	2.653	11.4	20.2
3 12	12 49.68	+ 0 45.6	1.692	2.646	7.5	20.0
3 22	12 41.63	+ 2 7.5	1.650	2.638	3.5	19.7
4 1	12 32.66	+ 3 29.1	1.637	2.630	3.2	19.7
4 11	12 23.86	+ 4 42.1	1.653	2.621	7.1	19.9
4 21	12 16.20	+ 5 39.8	1.694	2.612	11.2	20.1
5 1	12 10.48	+ 6 18.0	1.759	2.601	14.8	20.3

270136 2001 RR_{129} 3 29.9 147.°95 0.°9/29.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.01	− 3 32.5	2.267	3.057	13.0	22.4
3 2	12 56.20	− 3 0.9	2.186	3.068	10.0	22.2
3 12	12 49.49	− 2 19.1	2.128	3.077	6.6	22.0
3 22	12 41.42	− 1 30.9	2.098	3.086	2.9	21.8
4 1	12 32.74	− 0 41.1	2.098	3.095	1.5	21.7
4 11	12 24.32	+ 0 5.0	2.127	3.103	5.1	21.9
4 21	12 16.92	+ 0 42.7	2.184	3.110	8.6	22.1
5 1	12 11.14	+ 1 8.9	2.266	3.116	11.7	22.4

128666 2004 RE_{59} 3 29.9 149.°47 2.°9/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.94	− 0 17.1	1.755	2.569	15.2	20.3
3 2	12 56.70	+ 0 51.1	1.681	2.578	11.7	20.1
3 12	12 50.10	+ 2 11.3	1.630	2.585	7.6	19.9
3 22	12 41.78	+ 3 36.5	1.605	2.592	3.8	19.7
4 1	12 32.68	+ 4 58.2	1.608	2.599	3.7	19.7
4 11	12 23.91	+ 6 8.0	1.640	2.604	7.5	19.9
4 21	12 16.44	+ 7 0.0	1.697	2.610	11.5	20.1
5 1	12 11.00	+ 7 31.0	1.776	2.614	14.9	20.4

145257 2005 JQ_{127} 3 29.9 241.°12 5.°0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.82	+10 11.2	2.358	3.178	11.6	20.3
3 2	12 53.80	+11 10.6	2.276	3.171	9.1	20.1
3 12	12 47.94	+12 11.5	2.218	3.164	6.6	19.9
3 22	12 40.76	+13 7.8	2.188	3.157	5.1	19.8
4 1	12 32.94	+13 53.5	2.186	3.150	5.8	19.9
4 11	12 25.30	+14 23.7	2.212	3.142	8.1	20.0
4 21	12 18.56	+14 35.8	2.263	3.134	10.8	20.1
5 1	12 13.33	+14 29.0	2.337	3.126	13.3	20.3

381556 2008 TE_{98} 3 29.9 110.°40 2.°6/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.94	−12 54.3	2.054	2.820	14.9	21.5
3 2	12 54.97	−12 57.5	1.966	2.824	12.1	21.3
3 12	12 48.89	−12 44.2	1.899	2.828	8.7	21.1
3 22	12 41.24	−12 15.5	1.857	2.832	5.1	20.9
4 1	12 32.82	−11 34.4	1.842	2.836	2.6	20.8
4 11	12 24.59	−10 46.1	1.856	2.840	4.7	20.9
4 21	12 17.44	− 9 56.5	1.897	2.844	8.3	21.1
5 1	12 12.06	− 9 11.5	1.963	2.848	11.7	21.4

96463 1998 HW_{51} 3 29.9 10.°38 4.°2/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.98	+ 3 17.7	1.134	1.985	19.3	18.4
3 2	12 56.36	+ 3 43.8	1.071	1.987	14.9	18.2
3 12	12 50.46	+ 4 18.5	1.028	1.990	10.0	17.9
3 22	12 42.10	+ 4 54.1	1.007	1.994	5.3	17.6
4 1	12 32.60	+ 5 21.7	1.008	2.000	5.1	17.6
4 11	12 23.60	+ 5 33.1	1.034	2.006	9.6	17.9
4 21	12 16.48	+ 5 24.0	1.081	2.014	14.5	18.2
5 1	12 12.18	+ 4 53.6	1.147	2.023	18.8	18.5

147332 2003 BB_{40} 3 29.9 321.°72 4.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.07	+ 3 1.9	1.378	2.225	16.7	19.1
3 2	12 52.36	+ 4 5.0	1.284	2.198	13.1	18.8
3 12	12 47.84	+ 5 21.8	1.211	2.172	8.9	18.5
3 22	12 41.01	+ 6 44.1	1.161	2.147	5.3	18.2
4 1	12 32.84	+ 8 1.2	1.136	2.122	6.0	18.2
4 11	12 24.67	+ 9 1.9	1.135	2.098	10.3	18.3
4 21	12 17.81	+ 9 38.3	1.156	2.075	15.1	18.5
5 1	12 13.32	+ 9 46.3	1.196	2.053	19.4	18.7

268443 2005 WY_{26} 3 29.9 183.°01 1.°5/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.37	−10 53.7	2.213	2.982	13.9	21.3
3 2	12 55.15	−10 38.6	2.119	2.982	11.1	21.1
3 12	12 48.94	−10 8.2	2.047	2.982	7.8	20.9
3 22	12 41.24	− 9 24.6	2.001	2.982	4.1	20.7
4 1	12 32.82	− 8 31.3	1.984	2.981	1.5	20.5
4 11	12 24.55	− 7 33.8	1.996	2.980	4.5	20.7
4 21	12 17.27	− 6 38.1	2.036	2.978	8.2	20.9
5 1	12 11.63	− 5 49.5	2.101	2.976	11.5	21.1

72106 2000 YD_{54} 3 29.9 84.°09 3.°6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 1.51	−14 17.9	1.582	2.356	18.3	19.3
3 2	12 57.53	−14 27.9	1.507	2.368	14.9	19.1
3 12	12 50.85	−14 16.2	1.452	2.381	10.9	18.9
3 22	12 42.18	−13 43.7	1.420	2.393	6.6	18.7
4 1	12 32.58	−12 53.9	1.413	2.406	3.6	18.5
4 11	12 23.35	−11 53.9	1.434	2.418	5.8	18.7
4 21	12 15.61	−10 52.0	1.480	2.430	9.9	18.9
5 1	12 10.18	− 9 56.3	1.550	2.442	13.8	19.2

184695 2005 ST_{104} 3 29.9 217.°82 0.°5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.88	− 4 47.8	2.762	3.551	10.9	21.1
3 2	12 51.27	− 4 9.3	2.665	3.545	8.5	21.0
3 12	12 46.15	− 3 21.0	2.591	3.540	5.6	20.8
3 22	12 39.93	− 2 25.8	2.546	3.534	2.5	20.5
4 1	12 33.17	− 1 27.8	2.531	3.528	1.1	20.4
4 11	12 26.53	− 0 32.0	2.545	3.522	4.3	20.6
4 21	12 20.59	+ 0 17.6	2.588	3.516	7.3	20.8
5 1	12 15.88	+ 0 57.3	2.657	3.509	10.1	21.0

224332 2005 UW_{59} 3 29.9 217.°93 3.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.20	+ 5 10.9	2.119	2.926	13.2	20.3
3 2	12 58.95	+ 5 36.9	2.028	2.919	10.2	20.1
3 12	12 51.50	+ 6 6.6	1.962	2.913	6.9	19.9
3 22	12 42.42	+ 6 35.5	1.922	2.905	4.0	19.7
4 1	12 32.52	+ 6 58.1	1.912	2.897	4.0	19.7
4 11	12 22.81	+ 7 9.7	1.930	2.889	7.1	19.9
4 21	12 14.18	+ 7 7.5	1.976	2.880	10.5	20.0
5 1	12 7.37	+ 6 50.1	2.045	2.871	13.7	20.2

295247 2008 GX_{36} 3 29.9 319.°49 2.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.23	− 0 34.9	1.677	2.500	15.4	20.3
3 2	12 54.05	+ 0 20.6	1.596	2.498	11.9	20.0
3 12	12 48.48	+ 1 28.6	1.538	2.495	7.8	19.8
3 22	12 41.11	+ 2 42.9	1.504	2.492	3.8	19.5
4 1	12 32.86	+ 3 55.4	1.498	2.490	3.5	19.5
4 11	12 24.85	+ 4 57.7	1.518	2.488	7.5	19.7
4 21	12 18.08	+ 5 43.3	1.564	2.486	11.7	20.0
5 1	12 13.32	+ 6 8.8	1.631	2.484	15.3	20.2

341642 2007 VL_{33} 3 29.9 110.°02 0.°3/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.44	− 4 39.8	2.300	3.091	12.8	21.6
3 2	12 54.24	− 4 22.3	2.217	3.098	9.9	21.4
3 12	12 48.22	− 3 54.6	2.157	3.105	6.6	21.2
3 22	12 40.88	− 3 19.9	2.124	3.112	2.9	21.0
4 1	12 32.94	− 2 42.1	2.120	3.119	0.9	20.9
4 11	12 25.23	− 2 6.0	2.146	3.126	4.7	21.1
4 21	12 18.46	− 1 35.9	2.199	3.132	8.1	21.4
5 1	12 13.24	− 1 15.1	2.277	3.139	11.2	21.6

497780 2006 SL_{342} 3 29.9 144.°04 1.°8/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.89	−13 39.2	2.983	3.728	11.2	22.4
3 2	12 51.89	−13 15.4	2.891	3.738	9.0	22.3
3 12	12 46.47	−12 38.6	2.823	3.747	6.4	22.1
3 22	12 40.04	−11 50.3	2.782	3.757	3.7	21.9
4 1	12 33.17	−10 53.5	2.771	3.765	1.8	21.8
4 11	12 26.46	− 9 52.4	2.791	3.774	3.4	21.9
4 21	12 20.48	− 8 51.5	2.840	3.782	6.1	22.1
5 1	12 15.68	− 7 55.1	2.916	3.789	8.7	22.3

34241 Skylerjones 3 29.9 271.°71 2.°4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 57.12	+ 1 45.2	2.382	3.191	11.8	19.5
3 2	12 53.32	+ 2 24.3	2.281	3.175	9.1	19.3
3 12	12 47.70	+ 3 10.6	2.204	3.158	6.1	19.1
3 22	12 40.70	+ 3 59.7	2.155	3.141	3.1	18.9
4 1	12 32.98	+ 4 46.5	2.134	3.124	3.1	18.8
4 11	12 25.33	+ 5 25.8	2.142	3.107	6.1	19.0
4 21	12 18.50	+ 5 53.5	2.178	3.089	9.4	19.2
5 1	12 13.12	+ 6 6.9	2.237	3.072	12.4	19.3

117947 6301 P–L 3 29.9 74.°01 0.°4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.03	− 6 51.7	1.452	2.257	18.2	19.9
3 2	12 58.68	− 6 37.5	1.390	2.277	14.3	19.7
3 12	12 51.56	− 6 6.4	1.348	2.297	9.6	19.5
3 22	12 42.46	− 5 22.3	1.330	2.317	4.4	19.2
4 1	12 32.56	− 4 31.4	1.338	2.337	1.0	19.0
4 11	12 23.19	− 3 41.9	1.373	2.357	6.1	19.4
4 21	12 15.49	− 3 0.6	1.434	2.377	10.8	19.7
5 1	12 10.22	− 2 32.8	1.517	2.396	14.8	20.0

292940 2006 VY_{83} 3 29.9 343.°93 2.°4/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.23	+ 2 39.1	2.302	3.110	12.2	20.6
3 2	12 54.87	+ 3 1.9	2.217	3.110	9.4	20.4
3 12	12 48.65	+ 3 29.9	2.156	3.109	6.2	20.2
3 22	12 41.09	+ 3 58.9	2.123	3.109	3.2	20.0
4 1	12 32.90	+ 4 24.5	2.119	3.109	3.0	20.0
4 11	12 24.91	+ 4 42.4	2.143	3.109	5.9	20.2
4 21	12 17.87	+ 4 49.5	2.195	3.109	9.2	20.4
5 1	12 12.38	+ 4 44.1	2.270	3.109	12.1	20.6

109886 2001 SX_{8} 3 29.9 139.°71 1.°7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.57	−12 18.3	2.465	3.217	13.1	20.6
3 2	12 55.75	−11 57.6	2.380	3.233	10.4	20.4
3 12	12 49.14	−11 22.2	2.318	3.247	7.4	20.2
3 22	12 41.28	−10 34.0	2.283	3.261	4.0	20.0
4 1	12 32.86	− 9 36.8	2.278	3.274	1.7	19.9
4 11	12 24.68	− 8 35.5	2.303	3.286	4.0	20.1
4 21	12 17.46	− 7 35.6	2.357	3.298	7.3	20.3
5 1	12 11.77	− 6 42.2	2.438	3.308	10.2	20.5

376782 2000 QC_{70} 3 29.9 243.°88 13.°2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 17.62	−22 7.8	1.221	1.956	24.7	21.2
3 2	13 12.34	−24 52.3	1.133	1.950	21.8	21.0
3 12	13 2.42	−27 21.5	1.061	1.943	18.4	20.7
3 22	12 48.15	−29 23.0	1.010	1.936	15.1	20.5
4 1	12 30.90	−30 44.4	0.982	1.929	13.3	20.4
4 11	12 13.07	−31 20.2	0.977	1.921	14.0	20.4
4 21	11 57.23	−31 15.1	0.994	1.914	16.9	20.5
5 1	11 45.45	−30 42.3	1.030	1.906	20.5	20.7

73039 2002 EO_{91} 3 29.9 306.°50 2.°3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.83	− 1 1.6	1.382	2.214	17.6	19.4
3 2	12 56.11	− 0 35.6	1.288	2.193	13.8	19.0
3 12	12 50.39	+ 0 4.4	1.213	2.172	9.2	18.7
3 22	12 42.20	+ 0 53.2	1.162	2.151	4.3	18.4
4 1	12 32.57	+ 1 43.3	1.135	2.131	3.1	18.2
4 11	12 22.93	+ 2 25.6	1.134	2.111	8.2	18.5
4 21	12 14.69	+ 2 52.6	1.156	2.092	13.5	18.7
5 1	12 8.97	+ 2 59.4	1.198	2.073	18.2	18.9

434989 2006 UO_{185} 3 29.9 203.°18 4.°4/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.05	+11 10.5	2.784	3.592	10.3	21.7
3 2	12 55.18	+11 52.3	2.700	3.588	8.1	21.5
3 12	12 48.70	+12 33.8	2.642	3.584	5.9	21.3
3 22	12 41.08	+13 10.4	2.612	3.579	4.5	21.2
4 1	12 32.92	+13 37.5	2.611	3.574	5.0	21.3
4 11	12 24.93	+13 51.6	2.639	3.568	7.0	21.4
4 21	12 17.76	+13 50.8	2.695	3.562	9.4	21.5
5 1	12 11.92	+13 34.8	2.773	3.556	11.6	21.7

336906 2011 HG_{12} 3 29.9 258.°24 2.°3/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.95	− 0 56.2	2.154	2.965	12.9	21.1
3 2	12 52.60	+ 0 6.4	2.057	2.952	9.9	20.9
3 12	12 47.32	+ 1 20.5	1.984	2.939	6.5	20.6
3 22	12 40.56	+ 2 41.0	1.939	2.926	3.2	20.4
4 1	12 33.04	+ 4 1.0	1.922	2.913	3.0	20.3
4 11	12 25.63	+ 5 13.5	1.933	2.900	6.4	20.5
4 21	12 19.11	+ 6 12.5	1.972	2.886	10.0	20.7
5 1	12 14.18	+ 6 54.1	2.034	2.872	13.3	20.9

192168 2007 DT_{53} 3 29.9 309.°43 0.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.99	− 7 25.7	1.280	2.103	19.2	20.6
3 2	12 54.76	− 6 54.3	1.195	2.093	15.2	20.3
3 12	12 49.48	− 6 0.0	1.130	2.084	10.3	20.0
3 22	12 41.76	− 4 46.8	1.086	2.075	4.7	19.7
4 1	12 32.71	− 3 22.8	1.067	2.066	1.3	19.4
4 11	12 23.83	− 1 59.2	1.073	2.058	7.3	19.8
4 21	12 16.50	− 0 47.1	1.103	2.050	12.9	20.0
5 1	12 11.78	+ 0 5.2	1.153	2.042	17.8	20.3

21868 1999 TK_{291} 3 29.9 233.°15 0.°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.87	− 6 29.0	2.313	3.100	12.8	18.9
3 2	12 53.18	− 5 47.1	2.211	3.090	10.0	18.7
3 12	12 47.63	− 4 51.7	2.133	3.080	6.7	18.5
3 22	12 40.68	− 3 46.1	2.082	3.069	3.0	18.2
4 1	12 33.01	− 2 35.2	2.060	3.058	1.0	18.0
4 11	12 25.44	− 1 25.3	2.067	3.046	4.9	18.3
4 21	12 18.72	− 0 22.4	2.103	3.034	8.5	18.5
5 1	12 13.51	+ 0 28.9	2.163	3.022	11.8	18.7

283743 2003 AP_{40} 3 29.9 52.°01 4.°0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.10	−17 31.1	2.028	2.776	15.7	20.0
3 2	12 53.52	−17 36.9	1.952	2.794	12.9	19.8
3 12	12 47.89	−17 22.9	1.897	2.811	9.7	19.7
3 22	12 40.78	−16 49.9	1.866	2.829	6.4	19.5
4 1	12 33.02	−16 0.6	1.861	2.847	4.1	19.4
4 11	12 25.56	−15 0.7	1.885	2.866	5.1	19.5
4 21	12 19.23	−13 56.7	1.935	2.884	8.0	19.7
5 1	12 14.66	−12 55.5	2.010	2.903	11.1	19.9

383880 2008 RQ_{108} 3 29.9 222.°36 0.°1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 57.04	− 7 9.7	2.134	2.924	13.7	21.5
3 2	12 53.44	− 6 34.4	2.040	2.920	10.7	21.3
3 12	12 47.86	− 5 44.7	1.968	2.915	7.2	21.0
3 22	12 40.81	− 4 44.0	1.923	2.910	3.3	20.8
4 1	12 33.01	− 3 37.3	1.907	2.905	0.8	20.6
4 11	12 25.36	− 2 31.1	1.919	2.900	5.0	20.8
4 21	12 18.67	− 1 31.4	1.959	2.894	8.8	21.1
5 1	12 13.61	− 0 43.4	2.023	2.889	12.2	21.3

259466 2003 SP_{123} 3 29.9 132.°79 0.°5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.70	− 8 3.4	1.891	2.676	15.4	21.2
3 2	12 57.16	− 7 36.5	1.812	2.688	12.1	21.0
3 12	12 50.35	− 6 54.2	1.756	2.700	8.2	20.7
3 22	12 41.91	− 5 59.6	1.726	2.711	3.8	20.5
4 1	12 32.74	− 4 58.1	1.723	2.722	0.9	20.3
4 11	12 23.88	− 3 56.7	1.750	2.732	5.2	20.6
4 21	12 16.27	− 3 1.9	1.804	2.742	9.3	20.9
5 1	12 10.59	− 2 18.7	1.882	2.751	12.9	21.1

112328 Klinkerfues 3 29.9 324.°27 0.°1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.33	− 6 26.3	1.359	2.182	18.3	20.0
3 2	12 54.10	− 6 8.4	1.271	2.169	14.5	19.7
3 12	12 48.98	− 5 31.4	1.202	2.157	9.9	19.4
3 22	12 41.53	− 4 38.6	1.156	2.145	4.5	19.1
4 1	12 32.80	− 3 36.6	1.135	2.134	1.2	18.8
4 11	12 24.19	− 2 34.7	1.139	2.124	6.9	19.1
4 21	12 17.02	− 1 42.0	1.166	2.114	12.2	19.4
5 1	12 12.31	− 1 5.7	1.214	2.105	17.0	19.6

287704 2003 QE_{49} 3 29.9 179.°51 1.°4/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.84	− 9 14.3	2.128	2.904	14.1	21.2
3 2	12 55.61	− 9 13.1	2.036	2.905	11.3	21.0
3 12	12 49.31	− 8 58.3	1.967	2.905	7.8	20.7
3 22	12 41.46	− 8 31.8	1.923	2.905	4.1	20.5
4 1	12 32.85	− 7 56.7	1.908	2.905	1.4	20.3
4 11	12 24.40	− 7 18.0	1.921	2.905	4.6	20.5
4 21	12 16.97	− 6 40.8	1.962	2.905	8.4	20.8
5 1	12 11.25	− 6 10.1	2.028	2.904	11.8	21.0

140566 2001 TR_{211} 3 29.9 107.°57 4.°4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.75	−18 30.5	2.338	3.067	14.3	20.1
3 2	12 54.67	−18 52.9	2.244	3.071	12.0	19.9
3 12	12 48.64	−18 58.3	2.172	3.075	9.2	19.7
3 22	12 41.15	−18 46.3	2.123	3.078	6.4	19.6
4 1	12 32.93	−18 18.1	2.103	3.082	4.5	19.5
4 11	12 24.85	−17 37.5	2.110	3.085	5.2	19.5
4 21	12 17.72	−16 49.5	2.145	3.089	7.7	19.7
5 1	12 12.19	−16 0.2	2.205	3.092	10.5	19.8

496989 2002 RC_{211} 3 29.9 147.°93 3.°0/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.87	−16 5.5	2.916	3.639	11.9	23.0
3 2	12 55.79	−16 17.8	2.822	3.649	9.8	22.9
3 12	12 49.12	−16 17.0	2.752	3.660	7.3	22.7
3 22	12 41.29	−16 3.3	2.708	3.670	4.8	22.6
4 1	12 32.91	−15 38.4	2.694	3.679	3.1	22.5
4 11	12 24.68	−15 5.4	2.710	3.687	4.0	22.6
4 21	12 17.25	−14 28.0	2.755	3.695	6.4	22.7
5 1	12 11.15	−13 50.6	2.828	3.703	8.9	22.9

483037 2015 FE_{341} 3 29.9 178.°52 17.°1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 6.21	−39 16.4	1.319	1.963	27.0	21.7
3 2	13 3.23	−41 10.9	1.240	1.965	25.0	21.5
3 12	12 55.99	−42 29.3	1.173	1.966	22.7	21.3
3 22	12 45.04	−42 59.9	1.118	1.966	20.3	21.1
4 1	12 31.85	−42 33.3	1.081	1.966	18.3	21.0
4 11	12 18.70	−41 8.4	1.061	1.966	17.2	20.9
4 21	12 7.82	−38 54.1	1.061	1.964	17.6	20.9
5 1	12 0.81	−36 8.2	1.081	1.962	19.3	21.0

351767 2006 EK_5 3 29.9 349.°29 3.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.19	− 0 6.0	1.303	2.144	17.9	20.3
3 2	12 53.90	+ 1 8.5	1.230	2.142	13.8	20.0
3 12	12 48.73	+ 2 39.4	1.178	2.139	9.1	19.7
3 22	12 41.35	+ 4 17.8	1.149	2.138	4.7	19.5
4 1	12 32.89	+ 5 51.8	1.146	2.136	5.0	19.5
4 11	12 24.75	+ 7 9.8	1.167	2.135	9.5	19.7
4 21	12 18.15	+ 8 3.6	1.211	2.134	14.2	20.0
5 1	12 14.02	+ 8 29.3	1.275	2.134	18.4	20.2

97417 2000 AT_{161} 3 29.9 195.°01 1.°4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 0.56	− 0 30.4	2.719	3.509	11.1	20.2
3 2	12 55.65	− 0 3.2	2.623	3.506	8.5	20.0
3 12	12 49.08	+ 0 30.8	2.553	3.502	5.6	19.8
3 22	12 41.29	+ 1 8.3	2.510	3.498	2.6	19.6
4 1	12 32.92	+ 1 45.3	2.498	3.493	1.9	19.5
4 11	12 24.68	+ 2 17.7	2.517	3.487	4.9	19.7
4 21	12 17.23	+ 2 42.2	2.564	3.481	7.9	19.9
5 1	12 11.13	+ 2 56.2	2.637	3.474	10.6	20.1

435264 2007 TV_{214} 3 29.9 114.°96 1.°9/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 1.22	+ 1 21.8	2.364	3.164	12.2	21.8
3 2	12 56.28	+ 1 38.1	2.285	3.173	9.4	21.6
3 12	12 49.53	+ 1 59.7	2.231	3.182	6.2	21.4
3 22	12 41.49	+ 2 23.2	2.204	3.191	2.9	21.2
4 1	12 32.88	+ 2 44.5	2.206	3.200	2.4	21.2
4 11	12 24.53	+ 2 59.5	2.239	3.208	5.4	21.4
4 21	12 17.17	+ 3 5.6	2.299	3.217	8.6	21.6
5 1	12 11.36	+ 3 0.8	2.383	3.225	11.5	21.8

206414 2003 SZ_{113} 3 29.9 287.°28 2.°0/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.61	−10 4.4	1.533	2.330	17.8	20.6
3 2	12 56.52	−10 6.3	1.432	2.311	14.4	20.3
3 12	12 50.58	− 9 49.0	1.349	2.292	10.2	20.0
3 22	12 42.29	− 9 13.4	1.290	2.273	5.5	19.7
4 1	12 32.62	− 8 23.3	1.257	2.255	2.0	19.4
4 11	12 22.89	− 7 25.7	1.250	2.236	6.2	19.6
4 21	12 14.44	− 6 29.2	1.267	2.217	11.3	19.8
5 1	12 8.34	− 5 42.0	1.307	2.198	16.0	20.1

497580 2006 GD_{34} 3 29.9 336.°73 1.°3/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.43	− 3 14.7	1.935	2.744	14.2	21.7
3 2	12 53.12	− 2 32.6	1.850	2.743	11.0	21.5
3 12	12 47.72	− 1 37.9	1.787	2.741	7.2	21.3
3 22	12 40.77	− 0 35.4	1.751	2.740	3.2	21.0
4 1	12 33.06	+ 0 28.9	1.742	2.739	2.0	20.9
4 11	12 25.55	+ 1 27.8	1.762	2.738	6.0	21.2
4 21	12 19.10	+ 2 15.6	1.808	2.737	9.9	21.4
5 1	12 14.41	+ 2 48.2	1.877	2.736	13.3	21.6

460034 2014 OG_{177} 3 29.9 137.°63 0.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.02	− 5 56.9	1.884	2.672	15.3	22.6
3 2	12 58.95	− 5 37.5	1.807	2.685	12.0	22.4
3 12	12 51.55	− 5 4.8	1.751	2.697	8.0	22.1
3 22	12 42.47	− 4 22.2	1.721	2.708	3.6	21.9
4 1	12 32.63	− 3 34.6	1.721	2.719	0.9	21.7
4 11	12 23.13	− 2 48.4	1.749	2.729	5.4	22.0
4 21	12 14.91	− 2 9.1	1.804	2.739	9.5	22.3
5 1	12 8.70	− 1 41.3	1.883	2.747	13.1	22.5

350495 1999 VC_{111} 3 29.9 161.°68 2.°2/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.49	−12 36.8	1.689	2.463	17.3	21.7
3 2	12 58.20	−12 18.3	1.604	2.469	14.0	21.5
3 12	12 51.31	−11 38.4	1.539	2.474	9.9	21.2
3 22	12 42.45	−10 39.3	1.499	2.479	5.4	21.0
4 1	12 32.64	− 9 25.8	1.486	2.483	2.2	20.8
4 11	12 23.10	− 8 6.1	1.501	2.486	5.5	21.0
4 21	12 14.93	− 6 49.1	1.543	2.488	10.0	21.3
5 1	12 8.97	− 5 42.5	1.608	2.490	14.0	21.5

495882 2004 RX_{219} 3 29.9 193.°95 4.°3/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.83	−21 45.4	2.892	3.585	12.6	23.1
3 2	12 55.18	−21 48.9	2.782	3.582	10.6	23.0
3 12	12 48.83	−21 35.7	2.694	3.578	8.4	22.8
3 22	12 41.22	−21 5.4	2.632	3.574	6.1	22.6
4 1	12 32.96	−20 19.2	2.597	3.569	4.4	22.5
4 11	12 24.79	−19 20.5	2.593	3.563	4.7	22.5
4 21	12 17.38	−18 14.1	2.617	3.556	6.7	22.7
5 1	12 11.33	−17 5.6	2.669	3.548	9.2	22.8

272932 2006 BJ_{223} 3 29.9 125.°44 2.°5/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.46	−12 8.1	1.980	2.751	15.3	20.4
3 2	12 55.51	−12 13.9	1.890	2.752	12.3	20.2
3 12	12 49.35	−12 3.5	1.821	2.753	8.8	20.0
3 22	12 41.53	−11 37.8	1.777	2.754	5.1	19.8
4 1	12 32.88	−10 59.8	1.761	2.756	2.5	19.6
4 11	12 24.40	−10 14.8	1.772	2.757	4.9	19.8
4 21	12 17.02	− 9 28.8	1.811	2.758	8.6	20.0
5 1	12 11.47	− 8 47.6	1.874	2.759	12.2	20.2

96160 1978 VW_7 3 29.9 112.°73 0.°8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.01	− 8 44.8	1.818	2.600	16.0	20.6
3 2	12 58.18	− 8 20.9	1.746	2.620	12.6	20.4
3 12	12 51.03	− 7 40.7	1.697	2.639	8.5	20.2
3 22	12 42.22	− 6 47.6	1.673	2.658	4.1	20.0
4 1	12 32.72	− 5 47.0	1.677	2.676	1.0	19.8
4 11	12 23.63	− 4 46.1	1.710	2.693	5.2	20.1
4 21	12 15.88	− 3 51.4	1.770	2.710	9.3	20.4
5 1	12 10.17	− 3 8.2	1.855	2.726	12.9	20.7

19250 Poullain 3 29.9 32.°24 1.°9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.13	− 0 47.6	1.996	2.811	13.6	18.5
3 2	12 52.73	− 0 10.7	1.922	2.818	10.4	18.3
3 12	12 47.35	+ 0 35.4	1.870	2.826	6.8	18.1
3 22	12 40.56	+ 1 26.0	1.845	2.834	3.1	17.9
4 1	12 33.14	+ 2 15.2	1.848	2.842	2.5	17.9
4 11	12 25.99	+ 2 57.3	1.878	2.851	6.0	18.1
4 21	12 19.90	+ 3 27.7	1.935	2.860	9.6	18.3
5 1	12 15.48	+ 3 43.6	2.015	2.869	12.8	18.6

355783 2008 RZ_{137} 3 29.9 259.°15 4.°0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.13	−14 35.6	1.580	2.352	18.4	22.2
3 2	12 58.52	−14 51.7	1.475	2.335	15.3	21.9
3 12	12 51.97	−14 46.3	1.390	2.318	11.4	21.6
3 22	12 42.96	−14 18.3	1.327	2.300	7.1	21.3
4 1	12 32.48	−13 29.5	1.289	2.281	4.0	21.1
4 11	12 21.91	−12 26.0	1.278	2.262	6.4	21.2
4 21	12 12.62	−11 16.5	1.292	2.243	11.0	21.4
5 1	12 5.75	−10 10.8	1.330	2.223	15.6	21.6

278913 2008 TQ_{150} 3 29.9 234.°60 1.°4/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.80	− 1 40.1	2.060	2.863	13.6	21.4
3 2	12 55.64	− 1 17.0	1.969	2.859	10.6	21.2
3 12	12 49.37	− 0 44.6	1.902	2.854	7.0	21.0
3 22	12 41.53	− 0 6.5	1.861	2.849	3.1	20.7
4 1	12 32.90	+ 0 32.3	1.848	2.844	2.0	20.6
4 11	12 24.44	+ 1 6.4	1.864	2.839	5.7	20.9
4 21	12 17.01	+ 1 31.1	1.907	2.834	9.6	21.1
5 1	12 11.32	+ 1 43.2	1.974	2.829	12.9	21.3

124134 2001 KA_{72} 3 29.9 254.°91 0.°9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 3.36	− 3 42.5	1.573	2.381	16.9	20.2
3 2	12 59.31	− 3 23.3	1.475	2.365	13.4	19.9
3 12	12 52.38	− 2 49.6	1.397	2.349	9.0	19.6
3 22	12 43.09	− 2 5.1	1.343	2.332	4.0	19.2
4 1	12 32.47	− 1 15.6	1.317	2.314	1.8	19.0
4 11	12 21.85	− 0 29.2	1.317	2.296	7.0	19.3
4 21	12 12.54	+ 0 7.0	1.343	2.278	12.1	19.6
5 1	12 5.61	+ 0 27.7	1.390	2.259	16.6	19.8

51153 2000 HA_{56} 3 29.9 137.°44 3.°4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.93	+ 5 33.7	2.343	3.154	11.9	19.6
3 2	12 55.35	+ 6 10.3	2.266	3.160	9.2	19.4
3 12	12 48.94	+ 6 50.2	2.214	3.165	6.2	19.2
3 22	12 41.25	+ 7 28.7	2.189	3.171	3.7	19.1
4 1	12 32.99	+ 8 0.7	2.193	3.176	4.0	19.1
4 11	12 24.98	+ 8 22.0	2.226	3.180	6.6	19.2
4 21	12 17.93	+ 8 29.9	2.286	3.185	9.5	19.4
5 1	12 12.44	+ 8 23.1	2.370	3.190	12.2	19.6

39372 2002 CS_{51} 3 29.9 305.°06 0.°8/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.66	− 4 9.4	2.385	3.184	12.2	19.1
3 2	12 51.38	− 3 32.3	2.293	3.179	9.4	18.9
3 12	12 46.38	− 2 44.4	2.224	3.175	6.2	18.7
3 22	12 40.13	− 1 49.3	2.182	3.170	2.7	18.5
4 1	12 33.27	− 0 51.7	2.169	3.166	1.4	18.4
4 11	12 26.54	+ 0 2.9	2.184	3.162	4.8	18.6
4 21	12 20.64	+ 0 49.8	2.228	3.157	8.3	18.8
5 1	12 16.13	+ 1 25.1	2.296	3.153	11.3	19.0

211543 2003 SV_{15} 3 29.9 61.°84 1.°1/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 58.60	− 5 16.1	1.418	2.238	17.9	19.9
3 2	12 55.38	− 4 26.4	1.354	2.252	13.8	19.7
3 12	12 49.47	− 3 18.8	1.310	2.266	9.1	19.5
3 22	12 41.61	− 1 59.5	1.291	2.280	4.0	19.2
4 1	12 32.92	− 0 37.4	1.297	2.295	2.0	19.1
4 11	12 24.69	+ 0 37.4	1.330	2.309	6.9	19.5
4 21	12 18.01	+ 1 37.0	1.387	2.324	11.6	19.8
5 1	12 13.65	+ 2 16.5	1.466	2.339	15.6	20.0

87656 2000 RO_{90} 3 29.9 256.°99 3.°1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 55.57	−16 20.5	2.415	3.160	13.5	19.7
3 2	12 52.16	−16 13.3	2.315	3.157	11.1	19.5
3 12	12 46.96	−15 49.1	2.236	3.153	8.3	19.3
3 22	12 40.42	−15 8.5	2.183	3.150	5.3	19.1
4 1	12 33.21	−14 14.2	2.157	3.146	3.1	19.0
4 11	12 26.12	−13 11.0	2.160	3.143	4.4	19.0
4 21	12 19.87	−12 4.5	2.191	3.139	7.3	19.2
5 1	12 15.09	−11 0.8	2.249	3.135	10.3	19.4

334732 2003 OZ_{11} 3 29.9 230.°65 1.°3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 56.77	−12 22.0	2.489	3.249	12.8	21.5
3 2	12 53.04	−11 38.8	2.378	3.237	10.2	21.3
3 12	12 47.53	−10 38.6	2.291	3.224	7.2	21.1
3 22	12 40.69	− 9 23.6	2.230	3.210	3.8	20.8
4 1	12 33.14	− 7 58.1	2.199	3.196	1.3	20.6
4 11	12 25.67	− 6 28.2	2.198	3.182	4.1	20.8
4 21	12 18.99	− 5 0.6	2.226	3.166	7.7	21.0
5 1	12 13.73	− 3 41.3	2.281	3.151	10.9	21.2

358466 2007 LX_1 3 29.9 263.°00 1.°2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.52	− 5 9.7	1.629	2.437	16.4	21.8
3 2	12 56.24	− 4 20.8	1.526	2.417	12.9	21.5
3 12	12 50.27	− 3 12.9	1.444	2.397	8.7	21.2
3 22	12 42.14	− 1 50.4	1.387	2.376	3.8	20.8
4 1	12 32.75	− 0 20.9	1.357	2.355	2.0	20.7
4 11	12 23.35	+ 1 5.5	1.355	2.333	7.1	20.9
4 21	12 15.13	+ 2 19.7	1.378	2.310	12.1	21.1
5 1	12 9.09	+ 3 14.6	1.423	2.287	16.5	21.3

284310 2006 QO_{49} 3 29.9 212.°60 4.°7/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 59.67	−22 42.6	3.063	3.746	12.1	22.2
3 2	12 55.04	−23 4.9	2.948	3.738	10.4	22.1
3 12	12 48.76	−23 12.1	2.856	3.729	8.3	21.9
3 22	12 41.23	−23 3.3	2.788	3.720	6.3	21.8
4 1	12 33.02	−22 38.9	2.748	3.710	4.8	21.7
4 11	12 24.83	−22 1.1	2.738	3.700	5.0	21.6
4 21	12 17.33	−21 13.9	2.756	3.689	6.7	21.7
5 1	12 11.11	−20 22.1	2.801	3.678	8.9	21.9

91237 1999 CY_7 3 29.9 3.°01 16.°9/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 20.58	−22 27.1	1.108	1.847	26.5	17.3
3 2	13 15.37	−26 40.0	1.032	1.845	23.7	17.0
3 12	13 5.00	−30 43.0	0.975	1.844	20.7	16.8
3 22	12 49.63	−34 17.5	0.939	1.845	18.1	16.6
4 1	12 30.69	−37 3.4	0.926	1.848	17.0	16.6
4 11	12 10.93	−38 49.1	0.935	1.852	17.7	16.6
4 21	11 53.45	−39 37.3	0.965	1.858	19.8	16.8
5 1	11 40.71	−39 42.7	1.012	1.866	22.4	17.0

422472 2014 SZ_{319} 3 29.9 158.°81 0.°3/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 2.04	− 6 57.9	2.005	2.790	14.6	22.6
3 2	12 57.38	− 6 36.8	1.920	2.796	11.5	22.4
3 12	12 50.52	− 6 1.9	1.857	2.802	7.8	22.1
3 22	12 42.06	− 5 16.4	1.821	2.807	3.6	21.9
4 1	12 32.83	− 4 24.9	1.813	2.812	0.8	21.7
4 11	12 23.84	− 3 33.5	1.834	2.816	5.1	22.0
4 21	12 15.99	− 2 48.0	1.883	2.819	9.1	22.2
5 1	12 10.00	− 2 13.2	1.956	2.822	12.6	22.5

79971 1999 CP_{135} 3 29.9 309.°98 0.°2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 56.71	− 6 40.1	2.163	2.955	13.5	20.0
3 2	12 53.16	− 6 18.3	2.072	2.953	10.6	19.8
3 12	12 47.68	− 5 43.8	2.004	2.951	7.1	19.6
3 22	12 40.77	− 4 59.4	1.962	2.949	3.3	19.3
4 1	12 33.15	− 4 9.6	1.948	2.947	0.8	19.1
4 11	12 25.70	− 3 19.9	1.963	2.945	4.7	19.4
4 21	12 19.19	− 2 35.7	2.005	2.943	8.5	19.6
5 1	12 14.28	− 2 1.4	2.071	2.941	11.8	19.8

498155 2007 TX_{114} 3 29.9 187.°92 0.°2/30.2 17

2 21	12 55.93	− 7 42.5	2.494	3.275	12.2	21.8
3 2	12 52.28	− 7 3.2	2.400	3.275	9.5	21.6
3 12	12 46.95	− 6 11.0	2.330	3.274	6.4	21.4
3 22	12 40.40	− 5 9.0	2.286	3.273	3.0	21.2
4 1	12 33.27	− 4 1.7	2.273	3.271	0.7	21.0
4 11	12 26.28	− 2 54.7	2.289	3.270	4.3	21.3
4 21	12 20.11	− 1 53.3	2.333	3.268	7.7	21.5
5 1	12 15.32	− 1 1.8	2.403	3.266	10.7	21.6

1823 Gliese 3 29.9 313.°46 2.°5/31.6 18

2 21	12 58.59	−10 2.5	1.273	2.086	19.9	15.7
3 2	12 56.24	−10 16.4	1.183	2.071	16.1	15.4
3 12	12 50.68	−10 9.4	1.111	2.057	11.5	15.1
3 22	12 42.47	− 9 41.8	1.060	2.043	6.2	14.8
4 1	12 32.70	− 8 57.6	1.033	2.030	2.5	14.5
4 11	12 22.96	− 8 4.5	1.030	2.017	6.8	14.7
4 21	12 14.75	− 7 12.1	1.050	2.005	12.4	15.0
5 1	12 9.29	− 6 29.7	1.091	1.994	17.5	15.2

171575 1999 VM_5 3 29.9 162.°63 0.°8/30.8 18

2 21	13 2.22	− 8 33.8	2.087	2.863	14.4	20.4
3 2	12 57.46	− 8 16.1	1.999	2.869	11.4	20.2
3 12	12 50.55	− 7 44.0	1.934	2.875	7.8	20.0
3 22	12 42.08	− 7 0.2	1.895	2.880	3.8	19.7
4 1	12 32.86	− 6 8.8	1.885	2.884	1.0	19.5
4 11	12 23.86	− 5 15.7	1.905	2.887	4.8	19.8
4 21	12 15.96	− 4 26.7	1.952	2.890	8.7	20.1
5 1	12 9.85	− 3 46.8	2.024	2.892	12.1	20.3

18233 4068 $T\text{-}1$ 3 29.9 140.°82 2.°0/27.3 18

2 21	12 55.25	− 0 43.2	2.485	3.290	11.5	19.2
3 2	12 51.70	+ 0 17.4	2.404	3.295	8.8	19.0
3 12	12 46.52	+ 1 26.8	2.347	3.300	5.7	18.8
3 22	12 40.20	+ 2 40.1	2.318	3.305	2.8	18.6
4 1	12 33.35	+ 3 51.9	2.319	3.310	2.6	18.6
4 11	12 26.68	+ 4 56.2	2.349	3.314	5.5	18.8
4 21	12 20.85	+ 5 48.8	2.406	3.318	8.6	19.0
5 1	12 16.36	+ 6 26.7	2.489	3.322	11.3	19.2

127798 2003 FQ_{75} 3 29.9 282.°58 4.°5/ 2.6 16

2 21	12 58.54	−16 25.3	1.478	2.254	19.3	20.3
3 2	12 55.81	−16 35.3	1.382	2.242	16.1	20.0
3 12	12 50.17	−16 20.0	1.304	2.231	12.1	19.7
3 22	12 42.16	−15 38.3	1.249	2.219	7.8	19.5
4 1	12 32.80	−14 32.6	1.217	2.208	4.6	19.2
4 11	12 23.49	−13 10.5	1.212	2.196	6.5	19.3
4 21	12 15.57	−11 42.2	1.231	2.185	11.0	19.5
5 1	12 10.10	−10 19.0	1.272	2.174	15.5	19.8

348902 2006 SD_{365} 3 29.9 133.°27 1.°4/31.6 18

2 21	12 59.03	− 9 46.0	2.586	3.350	12.2	21.3
3 2	12 54.58	− 9 46.8	2.496	3.357	9.7	21.2
3 12	12 48.44	− 9 36.2	2.430	3.364	6.8	21.0
3 22	12 41.07	− 9 15.6	2.391	3.371	3.6	20.8
4 1	12 33.13	− 8 47.8	2.380	3.377	1.4	20.6
4 11	12 25.36	− 8 16.4	2.400	3.383	3.9	20.8
4 21	12 18.43	− 7 45.5	2.448	3.389	7.0	21.0
5 1	12 12.90	− 7 19.0	2.522	3.395	9.9	21.2

328336 2008 JZ_{35} 3 29.9 85.°22 2.°8/27.5 17

2 21	13 0.31	+ 1 1.8	1.738	2.557	15.1	21.1
3 2	12 56.25	+ 1 45.0	1.668	2.567	11.6	20.9
3 12	12 49.86	+ 2 37.2	1.620	2.576	7.6	20.7
3 22	12 41.78	+ 3 32.4	1.598	2.585	3.8	20.4
4 1	12 32.96	+ 4 23.7	1.604	2.595	3.5	20.4
4 11	12 24.49	+ 5 4.2	1.636	2.604	7.2	20.7
4 21	12 17.33	+ 5 29.5	1.695	2.614	11.1	20.9
5 1	12 12.18	+ 5 37.1	1.775	2.623	14.5	21.2

39832 1998 BJ_9 3 29.9 34.°28 5.°0/ 2.8 18

2 21	13 0.37	−16 16.7	1.447	2.222	19.7	18.5
3 2	12 57.11	−16 46.3	1.367	2.225	16.3	18.3
3 12	12 50.91	−16 52.3	1.306	2.229	12.3	18.1
3 22	12 42.42	−16 33.6	1.266	2.234	8.1	17.8
4 1	12 32.77	−15 52.3	1.250	2.238	5.1	17.7
4 11	12 23.38	−14 55.0	1.260	2.243	6.7	17.8
4 21	12 15.54	−13 50.7	1.295	2.248	10.7	18.0
5 1	12 10.21	−12 49.1	1.352	2.254	14.8	18.2

468338 2016 EW_{53} 3 29.9 274.°44 3.°4/ 1.8 17

2 21	13 1.13	−13 38.5	1.905	2.669	16.0	21.2
3 2	12 57.25	−13 57.6	1.792	2.648	13.2	21.0
3 12	12 50.85	−13 59.8	1.700	2.626	9.8	20.7
3 22	12 42.41	−13 44.6	1.632	2.605	6.0	20.4
4 1	12 32.75	−13 13.4	1.591	2.583	3.5	20.2
4 11	12 22.98	−12 30.6	1.578	2.561	5.6	20.3
4 21	12 14.23	−11 42.5	1.591	2.538	9.6	20.5
5 1	12 7.44	−10 56.4	1.628	2.515	13.5	20.6

151832 2003 FN_{117} 3 29.9 25.°23 4.°0/26.4 18

2 21	12 58.38	+ 3 19.7	1.642	2.472	15.3	20.3
3 2	12 54.97	+ 4 15.4	1.570	2.474	11.8	20.1
3 12	12 49.13	+ 5 19.5	1.520	2.477	7.9	19.8
3 22	12 41.50	+ 6 24.6	1.495	2.480	4.5	19.6
4 1	12 33.04	+ 7 22.5	1.497	2.483	4.8	19.7
4 11	12 24.89	+ 8 5.8	1.525	2.486	8.4	19.9
4 21	12 18.06	+ 8 29.8	1.578	2.489	12.2	20.1
5 1	12 13.30	+ 8 32.7	1.651	2.493	15.7	20.3

384101 2008 WW_{45} 3 29.9 139.°95 0.°1/29.9 17

2 21	12 58.57	− 5 49.8	2.236	3.025	13.2	22.0
3 2	12 54.48	− 5 28.6	2.150	3.030	10.3	21.8
3 12	12 48.50	− 4 55.9	2.088	3.034	6.9	21.6
3 22	12 41.14	− 4 14.7	2.051	3.039	3.1	21.4
4 1	12 33.13	− 3 29.2	2.044	3.043	0.8	21.2
4 11	12 25.33	− 2 44.8	2.066	3.047	4.7	21.5
4 21	12 18.49	− 2 6.1	2.115	3.051	8.3	21.7
5 1	12 13.24	− 1 37.2	2.190	3.054	11.5	21.9

429135 2009 TW_6 3 29.9 191.°97 0.°1/29.9 17

2 21	13 2.62	− 4 52.6	2.383	3.163	12.7	21.7
3 2	12 57.54	− 4 42.1	2.287	3.161	10.0	21.5
3 12	12 50.53	− 4 21.8	2.215	3.159	6.7	21.3
3 22	12 42.08	− 3 54.2	2.169	3.156	3.0	21.1
4 1	12 32.90	− 3 22.7	2.154	3.153	0.8	20.9
4 11	12 23.87	− 2 52.0	2.169	3.148	4.6	21.2
4 21	12 15.76	− 2 26.0	2.212	3.144	8.2	21.4
5 1	12 9.23	− 2 8.3	2.281	3.138	11.4	21.6

238639 2005 EK_6 3 29.9 58.°75 0.°1/30.1 17

2 21	12 58.65	− 5 57.7	1.944	2.740	14.6	21.0
3 2	12 54.78	− 5 42.4	1.866	2.750	11.4	20.8
3 12	12 48.81	− 5 14.4	1.812	2.759	7.6	20.5
3 22	12 41.31	− 4 36.9	1.782	2.769	3.5	20.3
4 1	12 33.11	− 3 54.6	1.781	2.779	0.8	20.1
4 11	12 25.20	− 3 13.3	1.807	2.790	5.1	20.4
4 21	12 18.42	− 2 38.2	1.861	2.800	9.0	20.7
5 1	12 13.43	− 2 13.4	1.938	2.810	12.4	20.9

87755 2000 SU_{80} 3 29.9 120.°51 1.°4/28.1 18

2 21	12 54.94	− 2 46.3	2.557	3.355	11.4	20.0
3 2	12 51.40	− 1 49.7	2.476	3.364	8.8	19.8
3 12	12 46.31	− 0 43.4	2.420	3.372	5.7	19.6
3 22	12 40.11	+ 0 28.1	2.391	3.380	2.5	19.4
4 1	12 33.42	+ 1 39.7	2.393	3.388	1.9	19.4
4 11	12 26.93	+ 2 45.8	2.424	3.395	5.0	19.6
4 21	12 21.24	+ 3 41.8	2.484	3.403	8.0	19.8
5 1	12 16.86	+ 4 24.6	2.568	3.410	10.7	20.0

84087 2002 QR_{28} 3 29.9 123.°37 4.°9/24.9 18

2 21	13 1.73	+ 6 50.6	1.975	2.793	13.6	20.2
3 2	12 57.00	+ 8 6.3	1.913	2.810	10.5	20.0
3 12	12 50.17	+ 9 25.9	1.876	2.826	7.2	19.9
3 22	12 41.87	+10 41.8	1.866	2.842	5.0	19.7
4 1	12 32.99	+11 46.5	1.884	2.857	5.7	19.8
4 11	12 24.49	+12 33.8	1.931	2.871	8.4	20.0
4 21	12 17.21	+13 0.7	2.002	2.885	11.5	20.2
5 1	12 11.78	+13 6.4	2.096	2.898	14.2	20.4

113492 2002 TW_3 3 29.9 111.°77 0.°9/28.9 18

2 21	12 58.82	− 2 49.4	2.323	3.118	12.5	20.1
3 2	12 54.52	− 2 23.1	2.244	3.129	9.7	20.0
3 12	12 48.44	− 1 47.9	2.190	3.140	6.4	19.8
3 22	12 41.09	− 1 7.2	2.162	3.150	2.8	19.6
4 1	12 33.18	− 0 25.4	2.164	3.161	1.5	19.5
4 11	12 25.51	+ 0 12.5	2.195	3.171	4.9	19.7
4 21	12 18.80	+ 0 42.4	2.253	3.181	8.3	20.0
5 1	12 13.61	+ 1 1.6	2.337	3.190	11.3	20.2

40690 1999 RV_{225} 3 29.9 151.°19 0.°1/30.1 17

2 21	12 58.25	− 7 13.2	2.157	2.944	13.7	20.0
3 2	12 54.32	− 6 41.2	2.071	2.949	10.7	19.8
3 12	12 48.43	− 5 55.6	2.008	2.953	7.2	19.6
3 22	12 41.13	− 4 59.6	1.971	2.958	3.3	19.4
4 1	12 33.16	− 3 58.2	1.963	2.962	0.8	19.2
4 11	12 25.40	− 2 57.4	1.984	2.965	4.8	19.5
4 21	12 18.63	− 2 3.0	2.033	2.969	8.5	19.7
5 1	12 13.50	− 1 19.6	2.106	2.972	11.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
199755	2006 JD_{39}		3 29.9	58.°46	1.°6/28.4	17
	h m	° ′			°	m
2 21	12 57.37	− 1 55.2	2.039	2.847	13.6	20.5
3 2	12 53.75	− 1 17.0	1.955	2.848	10.5	20.3
3 12	12 48.11	− 0 28.3	1.895	2.849	6.9	20.1
3 22	12 41.00	+ 0 26.3	1.861	2.850	3.1	19.8
4 1	12 33.19	+ 1 21.1	1.856	2.851	2.2	19.8
4 11	12 25.59	+ 2 10.0	1.879	2.852	5.9	20.0
4 21	12 19.02	+ 2 47.9	1.928	2.854	9.6	20.2
5 1	12 14.13	+ 3 11.4	2.001	2.855	12.8	20.4
306882	2001 TB_{34}		3 29.9	88.°92	5.°4/ 5.0	18
2 21	13 0.04	−22 32.1	1.959	2.677	17.1	20.6
3 2	12 55.95	−22 33.3	1.884	2.699	14.4	20.4
3 12	12 49.61	−22 10.2	1.828	2.720	11.2	20.3
3 22	12 41.66	−21 22.6	1.795	2.742	8.0	20.1
4 1	12 33.04	−20 13.3	1.788	2.763	5.7	20.0
4 11	12 24.78	−18 48.6	1.809	2.784	6.0	20.1
4 21	12 17.80	−17 16.9	1.858	2.804	8.5	20.3
5 1	12 12.75	−15 46.9	1.931	2.824	11.5	20.5
347908	2002 XW_{1}		3 29.9	166.°05	4.°0/26.6	18
2 21	13 2.21	+ 2 0.8	1.537	2.361	16.5	20.8
3 2	12 58.15	+ 3 5.2	1.463	2.364	12.7	20.5
3 12	12 51.37	+ 4 20.5	1.411	2.367	8.5	20.3
3 22	12 42.56	+ 5 39.0	1.384	2.369	4.7	20.1
4 1	12 32.80	+ 6 51.2	1.384	2.371	4.9	20.1
4 11	12 23.37	+ 7 48.0	1.410	2.372	8.8	20.3
4 21	12 15.42	+ 8 23.8	1.461	2.373	13.0	20.6
5 1	12 9.79	+ 8 36.1	1.533	2.374	16.8	20.8
102574	1999 UH_{41}		3 29.9	144.°60	0.°2/30.2	18
2 21	13 0.37	− 8 43.8	2.169	2.945	13.9	20.8
3 2	12 55.87	− 7 53.5	2.086	2.958	10.9	20.6
3 12	12 49.42	− 6 47.5	2.028	2.970	7.3	20.4
3 22	12 41.55	− 5 29.8	1.996	2.982	3.4	20.2
4 1	12 33.08	− 4 6.2	1.994	2.992	0.8	20.0
4 11	12 24.87	− 2 43.7	2.022	3.002	4.8	20.3
4 21	12 17.73	− 1 29.0	2.078	3.011	8.5	20.6
5 1	12 12.26	− 0 27.1	2.160	3.020	11.8	20.8
351498	2005 QC_{166}		3 29.9	160.°69	3.°1/27.2	18
2 21	13 3.10	+ 0 29.7	1.694	2.508	15.7	21.3
3 2	12 58.56	+ 1 29.4	1.618	2.514	12.1	21.1
3 12	12 51.51	+ 2 40.2	1.565	2.520	8.0	20.8
3 22	12 42.59	+ 3 55.5	1.538	2.525	4.0	20.6
4 1	12 32.81	+ 5 6.9	1.539	2.529	3.9	20.6
4 11	12 23.37	+ 6 6.1	1.567	2.532	7.8	20.8
4 21	12 15.29	+ 6 47.5	1.621	2.535	11.8	21.1
5 1	12 9.37	+ 7 8.2	1.698	2.537	15.4	21.3
422635	2604 $T\text{-}_{3}$		3 29.9	126.°28	1.°5/31.7	18
2 21	13 2.03	−11 14.0	2.293	3.052	13.8	22.4
3 2	12 57.02	−10 57.0	2.214	3.071	10.9	22.2
3 12	12 50.10	−10 25.4	2.158	3.090	7.6	22.1
3 22	12 41.84	− 9 41.2	2.128	3.108	4.1	21.9
4 1	12 33.01	− 8 48.3	2.128	3.125	1.5	21.7
4 11	12 24.48	− 7 52.1	2.158	3.141	4.2	21.9
4 21	12 16.99	− 6 58.0	2.216	3.157	7.7	22.2
5 1	12 11.16	− 6 11.0	2.301	3.172	10.8	22.4
389817	2011 WW_{37}		3 29.9	259.°73	4.°0/25.3	17
2 21	12 59.39	+ 8 43.9	2.615	3.426	10.9	21.0
3 2	12 54.91	+ 9 19.9	2.521	3.412	8.5	20.9
3 12	12 48.71	+ 9 57.4	2.451	3.399	6.0	20.7
3 22	12 41.25	+10 31.7	2.410	3.385	4.1	20.5
4 1	12 33.15	+10 58.1	2.398	3.371	4.6	20.5
4 11	12 25.16	+11 12.7	2.414	3.357	6.9	20.7
4 21	12 17.98	+11 13.1	2.458	3.342	9.5	20.8
5 1	12 12.19	+10 58.5	2.525	3.328	12.1	20.9
309452	2007 UM_{104}		3 29.9	103.°83	1.°0/29.1	18
2 21	13 1.87	− 4 16.5	1.717	2.521	15.9	21.2
3 2	12 57.45	− 3 37.4	1.649	2.538	12.3	21.0
3 12	12 50.65	− 2 44.5	1.603	2.554	8.1	20.8
3 22	12 42.15	− 1 43.0	1.582	2.571	3.5	20.6
4 1	12 32.94	− 0 39.6	1.589	2.587	1.7	20.5
4 11	12 24.14	+ 0 18.2	1.625	2.602	6.1	20.8
4 21	12 16.72	+ 1 4.2	1.686	2.617	10.3	21.1
5 1	12 11.37	+ 1 34.6	1.771	2.632	13.9	21.3
382378	2013 TW_{113}		3 29.9	118.°90	2.°4/27.8	17
2 21	13 2.45	+ 2 25.0	2.106	2.912	13.3	20.9
3 2	12 57.52	+ 2 45.1	2.028	2.919	10.2	20.7
3 12	12 50.54	+ 3 10.6	1.974	2.926	6.8	20.5
3 22	12 42.08	+ 3 37.4	1.947	2.933	3.4	20.3
4 1	12 32.96	+ 4 0.5	1.949	2.940	3.0	20.3
4 11	12 24.12	+ 4 15.4	1.979	2.947	6.2	20.5
4 21	12 16.39	+ 4 19.2	2.037	2.953	9.7	20.7
5 1	12 10.43	+ 4 10.2	2.118	2.959	12.7	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
207467	2006 GL_{43}		3 29.9	273.°18	3.°5/27.4	17
	h m	° ′			°	m
2 21	13 2.49	+ 2 28.7	1.537	2.362	16.5	20.3
3 2	12 58.58	+ 3 2.9	1.449	2.351	12.8	20.0
3 12	12 51.84	+ 3 46.2	1.383	2.339	8.6	19.7
3 22	12 42.87	+ 4 32.5	1.341	2.328	4.5	19.5
4 1	12 32.72	+ 5 14.1	1.326	2.317	4.3	19.4
4 11	12 22.73	+ 5 43.3	1.337	2.305	8.5	19.6
4 21	12 14.13	+ 5 54.8	1.373	2.294	13.0	19.9
5 1	12 7.90	+ 5 46.2	1.429	2.282	17.1	20.1
275681	2000 SQ_{33}		3 29.9	287.°21	1.°9/ 2.2	18 R
2 21	12 54.27	−13 45.8	4.390	5.118	8.1	19.8
3 2	12 50.33	−14 0.7	4.274	5.107	6.6	19.7
3 12	12 45.37	−14 7.9	4.183	5.097	4.9	19.6
3 22	12 39.66	−14 7.8	4.120	5.086	3.1	19.4
4 1	12 33.57	−14 1.5	4.087	5.075	1.9	19.3
4 11	12 27.50	−13 50.4	4.085	5.064	2.7	19.4
4 21	12 21.83	−13 36.7	4.112	5.053	4.5	19.5
5 1	12 16.94	−13 22.5	4.168	5.042	6.3	19.6
464971	2005 XF_{89}		3 29.9	48.°49	6.°1/25.0	18
2 21	13 1.14	+ 8 44.4	1.507	2.344	16.1	20.5
3 2	12 57.04	+ 9 46.5	1.460	2.366	12.5	20.3
3 12	12 50.39	+10 49.9	1.436	2.388	8.8	20.2
3 22	12 42.01	+11 46.0	1.436	2.411	6.3	20.1
4 1	12 33.02	+12 26.2	1.461	2.434	6.9	20.2
4 11	12 24.64	+12 45.1	1.513	2.458	9.9	20.4
4 21	12 17.85	+12 40.9	1.587	2.482	13.3	20.6
5 1	12 13.29	+12 14.6	1.683	2.506	16.3	20.9
498138	2007 TS_{51}		3 29.9	151.°84	1.°2/28.6	17
2 21	13 0.44	− 0 53.3	2.714	3.503	11.1	22.5
3 2	12 55.52	− 0 34.4	2.629	3.511	8.5	22.3
3 12	12 49.00	− 0 9.1	2.569	3.518	5.6	22.1
3 22	12 41.34	+ 0 19.5	2.537	3.525	2.5	21.9
4 1	12 33.17	+ 0 47.8	2.536	3.531	1.6	21.9
4 11	12 25.19	+ 1 12.1	2.565	3.538	4.6	22.1
4 21	12 18.05	+ 1 29.4	2.622	3.543	7.6	22.3
5 1	12 12.25	+ 1 37.5	2.706	3.548	10.2	22.5
65656	1981 RR_{1}		3 29.9	204.°72	1.°9/27.4	18
2 21	12 57.94	− 0 19.9	2.748	3.543	10.8	21.1
3 2	12 53.69	+ 0 37.1	2.651	3.537	8.3	20.9
3 12	12 47.86	+ 1 42.4	2.579	3.530	5.5	20.7
3 22	12 40.86	+ 2 51.8	2.535	3.522	2.7	20.5
4 1	12 33.28	+ 4 0.1	2.523	3.514	2.5	20.5
4 11	12 25.81	+ 5 2.3	2.541	3.504	5.3	20.7
4 21	12 19.07	+ 5 53.9	2.587	3.494	8.2	20.9
5 1	12 13.61	+ 6 32.1	2.659	3.484	10.9	21.0
62929	2000 VO_{15}		3 29.9	148.°71	0.°1/29.9	17
2 21	12 58.76	− 6 29.1	2.123	2.912	13.8	20.1
3 2	12 54.74	− 5 58.4	2.038	2.917	10.8	19.9
3 12	12 48.74	− 5 14.6	1.975	2.922	7.2	19.7
3 22	12 41.30	− 4 20.9	1.939	2.927	3.3	19.5
4 1	12 33.18	− 3 22.4	1.932	2.931	0.9	19.3
4 11	12 25.27	− 2 25.2	1.954	2.935	4.9	19.6
4 21	12 18.38	− 1 34.9	2.003	2.939	8.7	19.8
5 1	12 13.16	− 0 55.8	2.078	2.942	12.0	20.1
475914	2007 DR_{110}		3 29.9	219.°64	1.°3/31.6	16
2 21	12 57.26	− 9 38.1	2.832	3.596	11.3	21.4
3 2	12 53.15	− 9 38.1	2.732	3.592	9.0	21.3
3 12	12 47.49	− 9 27.7	2.655	3.589	6.3	21.1
3 22	12 40.69	− 9 8.2	2.605	3.586	3.4	20.9
4 1	12 33.32	− 8 41.9	2.585	3.582	1.3	20.7
4 11	12 26.05	− 8 12.2	2.595	3.578	3.6	20.9
4 21	12 19.48	− 7 42.8	2.633	3.574	6.6	21.1
5 1	12 14.16	− 7 17.3	2.698	3.570	9.3	21.2
39524	1989 SM_{3}		3 29.9	270.°05	2.°6/27.5	18
2 21	13 0.44	+ 2 5.9	2.140	2.949	13.0	19.5
3 2	12 56.22	+ 2 36.9	2.037	2.930	10.1	19.2
3 12	12 49.89	+ 3 15.1	1.957	2.910	6.8	19.0
3 22	12 41.90	+ 3 56.0	1.903	2.890	3.5	18.7
4 1	12 33.01	+ 4 34.3	1.879	2.869	3.3	18.7
4 11	12 24.16	+ 5 4.3	1.883	2.849	6.6	18.8
4 21	12 16.24	+ 5 21.9	1.913	2.828	10.3	19.0
5 1	12 9.99	+ 5 24.4	1.967	2.806	13.6	19.2
110812	2001 UR_{47}		3 30.0	204.°61	0.°8/29.3	17
2 21	13 0.17	− 3 55.6	2.004	2.802	14.2	20.4
3 2	12 56.03	− 3 28.7	1.913	2.799	11.0	20.1
3 12	12 49.73	− 2 50.0	1.846	2.796	7.3	19.9
3 22	12 41.80	− 2 3.1	1.805	2.793	3.2	19.6
4 1	12 33.06	− 1 13.3	1.792	2.789	1.4	19.5
4 11	12 24.50	− 0 26.5	1.807	2.786	5.6	19.8
4 21	12 17.00	+ 0 11.7	1.850	2.781	9.5	20.0
5 1	12 11.29	+ 0 37.3	1.917	2.777	13.1	20.2