2020	α_{2000}	δ_{2000}	Δ	r	β	V
334177	2001 SC_{133}		2 23.9	88.°50	0.°9/23.1	18
	h m	° ′			°	m
1 22	10 50.10	+11 45.8	2.395	3.224	10.9	20.7
2 1	10 44.15	+12 7.2	2.337	3.247	7.9	20.6
2 11	10 36.63	+12 33.9	2.305	3.269	4.5	20.4
2 21	10 28.21	+13 1.7	2.303	3.290	1.2	20.2
3 2	10 19.67	+13 26.7	2.331	3.312	3.0	20.3
3 12	10 11.82	+13 45.3	2.389	3.333	6.3	20.6
3 22	10 5.32	+13 55.3	2.475	3.353	9.4	20.8
4 1	10 0.64	+13 55.7	2.584	3.374	11.9	21.0
263741	2008 JY_{14}		2 23.9	5.°75	6.°1/18.5	18
1 22	10 49.72	+22 23.4	1.645	2.505	13.5	20.4
2 1	10 44.81	+23 50.1	1.585	2.505	10.1	20.1
2 11	10 37.44	+25 16.8	1.549	2.506	7.1	20.0
2 21	10 28.46	+26 33.2	1.540	2.506	6.2	19.9
3 2	10 19.05	+27 30.1	1.559	2.506	8.4	20.0
3 12	10 10.56	+28 2.1	1.602	2.507	11.8	20.2
3 22	10 4.03	+28 7.9	1.668	2.508	15.1	20.4
4 1	10 0.16	+27 49.7	1.753	2.508	18.0	20.6
84483	2002 TU_{269}		2 23.9	331.°09	2.°7/25.5	18
1 22	10 50.82	+ 3 42.3	1.185	2.029	18.8	19.1
2 1	10 46.32	+ 3 28.1	1.110	2.021	14.4	18.8
2 11	10 38.69	+ 3 33.5	1.056	2.014	9.2	18.5
2 21	10 28.81	+ 3 56.0	1.024	2.008	3.9	18.1
3 2	10 18.16	+ 4 30.0	1.017	2.002	4.4	18.1
3 12	10 8.48	+ 5 7.3	1.035	1.997	9.9	18.4
3 22	10 1.21	+ 5 40.0	1.074	1.992	15.2	18.7
4 1	9 57.30	+ 6 2.3	1.133	1.988	19.8	19.0
136998	1998 SG_{75}		2 23.9	127.°27	0.°8/23.2	18
1 22	10 50.29	+ 9 12.2	1.951	2.783	12.9	20.7
2 1	10 44.70	+10 1.1	1.886	2.796	9.4	20.5
2 11	10 37.15	+11 0.3	1.845	2.809	5.4	20.3
2 21	10 28.36	+12 3.9	1.833	2.821	1.3	20.0
3 2	10 19.31	+13 5.2	1.851	2.832	3.5	20.2
3 12	10 11.01	+13 58.0	1.898	2.843	7.5	20.5
3 22	10 4.30	+14 38.4	1.971	2.854	11.2	20.7
4 1	9 59.77	+15 4.2	2.066	2.864	14.2	21.0
197168	2003 UE_{279}		2 23.9	139.°15	0.°9/23.0	18
1 22	10 47.71	+10 20.7	2.377	3.208	11.0	20.6
2 1	10 42.57	+11 3.2	2.306	3.216	7.9	20.4
2 11	10 35.81	+11 53.4	2.260	3.224	4.5	20.2
2 21	10 28.05	+12 46.4	2.244	3.231	1.2	20.0
3 2	10 20.03	+13 37.3	2.258	3.239	3.1	20.1
3 12	10 12.59	+14 21.2	2.302	3.245	6.5	20.4
3 22	10 6.41	+14 54.8	2.373	3.252	9.7	20.6
4 1	10 2.00	+15 16.3	2.467	3.258	12.4	20.8
78905	Seanokeefe		2 23.9	8.°30	16.°5/13.7	18
1 22	10 36.34	−28 10.8	1.088	1.802	28.0	17.3
2 1	10 35.89	−29 6.8	1.026	1.804	25.7	17.1
2 11	10 32.63	−29 8.0	0.974	1.808	23.0	16.9
2 21	10 27.39	−28 6.2	0.936	1.814	20.1	16.8
3 2	10 21.54	−25 59.4	0.914	1.822	17.7	16.6
3 12	10 16.72	−22 56.6	0.911	1.832	16.5	16.6
3 22	10 14.22	−19 16.8	0.928	1.845	17.1	16.7
4 1	10 14.84	−15 24.2	0.966	1.859	19.2	16.8
222690	2002 AB_{6}		2 23.9	80.°39	8.°1/29.5	17
1 22	10 54.19	−10 27.5	1.897	2.641	16.6	19.7
2 1	10 47.82	−11 45.8	1.815	2.644	14.0	19.5
2 11	10 39.15	−12 43.4	1.754	2.647	11.2	19.3
2 21	10 28.88	−13 17.4	1.719	2.651	8.9	19.2
3 2	10 18.06	−13 26.9	1.710	2.654	8.2	19.2
3 12	10 7.88	−13 14.9	1.729	2.657	9.5	19.2
3 22	9 59.39	−12 47.2	1.773	2.660	12.0	19.4
4 1	9 53.31	−12 11.0	1.839	2.664	14.7	19.6
89563	2001 XY_{101}		2 23.9	158.°15	4.°0/20.6	18
1 22	10 53.03	+17 22.4	1.720	2.569	13.6	19.6
2 1	10 47.05	+18 31.1	1.656	2.575	9.9	19.4
2 11	10 38.68	+19 44.0	1.617	2.580	6.1	19.2
2 21	10 28.76	+20 52.5	1.606	2.585	4.0	19.1
3 2	10 18.45	+21 48.1	1.624	2.589	6.3	19.2
3 12	10 9.06	+22 24.9	1.668	2.592	10.1	19.4
3 22	10 1.59	+22 40.8	1.737	2.595	13.7	19.7
4 1	9 56.72	+22 36.5	1.827	2.597	16.8	19.9
241510	2009 DQ_{39}		2 23.9	218.°99	0.°5/24.5	18
1 22	10 46.79	+ 6 21.7	2.686	3.502	10.3	20.9
2 1	10 41.82	+ 6 42.7	2.595	3.495	7.6	20.7
2 11	10 35.38	+ 7 12.7	2.531	3.488	4.6	20.5
2 21	10 27.97	+ 7 48.7	2.495	3.481	1.3	20.3
3 2	10 20.25	+ 8 27.1	2.490	3.474	2.3	20.3
3 12	10 12.95	+ 9 3.8	2.515	3.466	5.6	20.6
3 22	10 6.70	+ 9 35.3	2.568	3.458	8.6	20.7
4 1	10 2.02	+ 9 59.1	2.646	3.450	11.3	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74996	1999 TV_{271}		2 23.9	208.°65	2.°4/25.9	18
	h m	° ′			°	m
1 22	10 51.33	+ 1 37.3	1.927	2.733	14.1	19.8
2 1	10 45.67	+ 1 41.5	1.839	2.728	10.8	19.6
2 11	10 37.86	+ 2 1.3	1.774	2.723	7.0	19.3
2 21	10 28.60	+ 2 34.4	1.737	2.718	3.3	19.1
3 2	10 18.83	+ 3 16.5	1.728	2.711	3.3	19.1
3 12	10 9.67	+ 4 1.7	1.749	2.705	7.2	19.3
3 22	10 2.07	+ 4 44.6	1.796	2.698	11.1	19.5
4 1	9 56.72	+ 5 20.3	1.867	2.690	14.5	19.7
212015	2005 CJ_{6}		2 23.9	13.°84	0.°2/24.1	18
1 22	10 46.15	+ 6 25.4	1.172	2.031	17.9	19.9
2 1	10 42.71	+ 7 1.7	1.112	2.034	13.2	19.6
2 11	10 36.43	+ 7 57.9	1.072	2.038	7.8	19.4
2 21	10 28.28	+ 9 6.6	1.056	2.044	1.9	19.0
3 2	10 19.65	+10 18.0	1.065	2.050	4.1	19.2
3 12	10 12.10	+11 21.4	1.098	2.058	9.8	19.5
3 22	10 6.84	+12 9.4	1.153	2.066	14.9	19.8
4 1	10 4.62	+12 37.8	1.228	2.076	19.1	20.1
298872	2004 RG_{337}		2 24.0	81.°08	0.°2/24.1	18
1 22	10 52.90	+ 7 1.7	1.454	2.292	16.3	21.9
2 1	10 47.02	+ 7 33.1	1.401	2.312	11.9	21.7
2 11	10 38.64	+ 8 19.1	1.371	2.333	7.0	21.4
2 21	10 28.75	+ 9 13.1	1.366	2.354	1.7	21.1
3 2	10 18.65	+10 7.6	1.390	2.374	3.6	21.3
3 12	10 9.68	+10 54.9	1.440	2.394	8.6	21.7
3 22	10 2.86	+11 30.0	1.515	2.414	12.9	22.0
4 1	9 58.79	+11 50.3	1.612	2.433	16.5	22.3
69193	3326 T_{-1}		2 24.0	32.°19	2.°3/25.7	18
1 22	10 48.06	+ 1 25.1	1.203	2.043	18.8	19.2
2 1	10 44.08	+ 1 54.7	1.139	2.048	14.3	18.9
2 11	10 37.24	+ 2 50.0	1.095	2.053	9.1	18.7
2 21	10 28.48	+ 4 5.8	1.074	2.058	3.7	18.4
3 2	10 19.19	+ 5 32.7	1.079	2.064	4.0	18.4
3 12	10 10.96	+ 6 58.8	1.109	2.071	9.4	18.7
3 22	10 5.02	+ 8 14.0	1.161	2.078	14.4	19.0
4 1	10 2.16	+ 9 11.5	1.233	2.085	18.8	19.3
266292	2007 BV_{43}		2 24.0	331.°52	0.°9/24.6	18
1 22	10 49.63	+ 6 44.2	1.595	2.432	15.1	20.0
2 1	10 44.78	+ 6 45.5	1.515	2.425	11.3	19.7
2 11	10 37.49	+ 6 59.8	1.457	2.418	6.8	19.4
2 21	10 28.54	+ 7 23.4	1.425	2.411	2.0	19.1
3 2	10 19.05	+ 7 51.3	1.420	2.405	3.4	19.2
3 12	10 10.31	+ 8 17.3	1.443	2.400	8.2	19.5
3 22	10 3.40	+ 8 36.7	1.489	2.394	12.7	19.7
4 1	9 59.08	+ 8 45.8	1.558	2.390	16.5	19.9
256384	2006 YS_{35}		2 24.0	86.°46	3.°7/20.8	18
1 22	10 52.49	+17 11.9	1.821	2.668	13.0	20.7
2 1	10 46.31	+18 19.3	1.778	2.696	9.4	20.5
2 11	10 38.06	+19 29.0	1.760	2.722	5.7	20.4
2 21	10 28.61	+20 33.1	1.770	2.749	3.7	20.3
3 2	10 19.05	+21 24.5	1.809	2.774	5.7	20.5
3 12	10 10.49	+21 58.4	1.876	2.800	9.2	20.7
3 22	10 3.78	+22 13.5	1.968	2.825	12.4	21.0
4 1	9 59.43	+22 10.7	2.081	2.849	15.1	21.2
343603	2010 GW_{111}		2 24.0	293.°57	3.°6/27.7	17
1 22	10 45.28	− 3 36.6	2.239	3.024	13.1	21.3
2 1	10 40.99	− 3 25.9	2.150	3.022	10.3	21.1
2 11	10 35.02	− 2 57.4	2.085	3.019	7.3	20.9
2 21	10 27.94	− 2 12.7	2.046	3.016	4.4	20.7
3 2	10 20.49	− 1 15.6	2.036	3.013	3.8	20.7
3 12	10 13.52	− 0 11.6	2.054	3.010	6.2	20.8
3 22	10 7.78	+ 0 53.4	2.100	3.008	9.4	21.0
4 1	10 3.84	+ 1 53.8	2.171	3.005	12.4	21.2
401716	2013 HY_{117}		2 24.0	149.°57	0.°1/23.9	18
1 22	10 50.66	+ 6 56.4	2.034	2.857	12.9	21.7
2 1	10 44.95	+ 7 38.5	1.962	2.866	9.4	21.5
2 11	10 37.33	+ 8 32.5	1.915	2.875	5.5	21.3
2 21	10 28.47	+ 9 33.2	1.896	2.883	1.3	21.0
3 2	10 19.31	+10 34.7	1.907	2.891	3.0	21.1
3 12	10 10.83	+11 30.6	1.948	2.898	7.1	21.4
3 22	10 3.87	+12 16.4	2.016	2.904	10.7	21.6
4 1	9 59.02	+12 49.2	2.108	2.910	13.8	21.8
336035	2007 VA_{135}		2 24.0	62.°77	3.°9/28.1	18
1 22	10 45.79	− 4 31.3	2.141	2.924	13.7	20.7
2 1	10 41.35	− 4 24.3	2.065	2.933	10.9	20.5
2 11	10 35.21	− 3 58.6	2.012	2.943	7.7	20.3
2 21	10 27.98	− 3 15.8	1.985	2.952	4.8	20.2
3 2	10 20.47	− 2 20.0	1.986	2.962	4.1	20.1
3 12	10 13.54	− 1 16.7	2.016	2.972	6.4	20.3
3 22	10 7.92	− 0 12.2	2.073	2.982	9.5	20.5
4 1	10 4.17	+ 0 47.8	2.155	2.991	12.3	20.7

496868 2000 OA_{51} 2 24.0 280.°54 5.°0/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.10	− 3 54.4	1.800	2.584	15.9	22.5
2 1	10 47.61	− 4 6.3	1.674	2.544	12.9	22.2
2 11	10 39.44	− 3 57.2	1.570	2.503	9.3	21.9
2 21	10 29.11	− 3 26.2	1.492	2.461	5.9	21.6
3 2	10 17.58	− 2 35.2	1.442	2.418	5.3	21.4
3 12	10 6.16	− 1 29.8	1.420	2.373	8.7	21.5
3 22	9 56.18	− 0 17.8	1.424	2.328	13.3	21.7
4 1	9 48.73	+ 0 52.3	1.451	2.281	17.6	21.8

118947 2000 WV_{69} 2 24.0 178.°79 1.°8/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.33	+15 9.9	2.739	3.573	9.6	20.2
2 1	10 42.89	+15 37.8	2.661	3.574	6.9	20.0
2 11	10 35.98	+16 8.7	2.611	3.574	4.0	19.8
2 21	10 28.15	+16 38.7	2.590	3.574	1.8	19.7
3 2	10 20.09	+17 3.8	2.601	3.574	3.5	19.8
3 12	10 12.53	+17 20.8	2.641	3.574	6.3	20.0
3 22	10 6.09	+17 27.9	2.708	3.574	9.1	20.1
4 1	10 1.26	+17 24.3	2.799	3.573	11.5	20.3

88729 2001 SW_{33} 2 24.0 307.°00 0.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.96	+ 7 56.3	1.617	2.459	14.7	19.2
2 1	10 43.60	+ 8 28.9	1.533	2.447	10.8	19.0
2 11	10 36.85	+ 9 15.7	1.472	2.436	6.4	18.7
2 21	10 28.43	+10 11.4	1.436	2.424	1.5	18.3
3 2	10 19.41	+11 8.9	1.429	2.413	3.7	18.4
3 12	10 11.07	+12 0.4	1.449	2.402	8.6	18.7
3 22	10 4.48	+12 40.2	1.493	2.391	13.1	18.9
4 1	10 0.43	+13 4.7	1.558	2.381	16.9	19.1

234923 2002 TR_{382} 2 24.0 156.°56 3.°8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.17	+20 21.5	2.463	3.309	10.1	20.8
2 1	10 42.96	+21 24.7	2.398	3.313	7.4	20.6
2 11	10 36.10	+22 28.5	2.359	3.317	4.9	20.5
2 21	10 28.19	+23 26.7	2.350	3.321	3.8	20.4
3 2	10 20.03	+24 13.9	2.370	3.325	5.5	20.5
3 12	10 12.45	+24 46.3	2.419	3.328	8.1	20.7
3 22	10 6.15	+25 2.2	2.494	3.331	10.8	20.9
4 1	10 1.67	+25 1.8	2.590	3.333	13.1	21.0

500271 2012 LN_{19} 2 24.0 229.°71 5.°8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.85	−10 21.6	2.380	3.119	13.7	22.0
2 1	10 42.89	−10 32.8	2.277	3.108	11.4	21.9
2 11	10 36.18	−10 23.8	2.197	3.097	8.9	21.7
2 21	10 28.25	− 9 54.3	2.142	3.085	6.6	21.5
3 2	10 19.84	− 9 5.9	2.116	3.073	5.8	21.4
3 12	10 11.84	− 8 3.1	2.118	3.060	7.1	21.5
3 22	10 5.01	− 6 52.1	2.148	3.047	9.6	21.6
4 1	9 59.98	− 5 39.2	2.203	3.034	12.3	21.8

30801 1989 SS_{1} 2 24.0 201.°70 1.°7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.53	+12 47.8	2.380	3.211	10.9	20.2
2 1	10 44.76	+13 34.2	2.295	3.206	7.9	20.0
2 11	10 37.21	+14 27.1	2.237	3.200	4.6	19.8
2 21	10 28.48	+15 21.2	2.209	3.194	1.7	19.6
3 2	10 19.38	+16 11.2	2.211	3.187	3.7	19.7
3 12	10 10.79	+16 52.2	2.243	3.179	7.2	19.9
3 22	10 3.50	+17 21.1	2.303	3.170	10.4	20.1
4 1	9 58.09	+17 36.4	2.385	3.161	13.2	20.3

131382 2001 KY_{39} 2 24.0 142.°57 5.°3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.09	−13 46.1	3.035	3.740	11.7	20.0
2 1	10 41.15	−13 42.3	2.950	3.752	9.8	19.9
2 11	10 34.94	−13 20.3	2.887	3.765	7.8	19.7
2 21	10 27.93	−12 40.5	2.851	3.776	6.1	19.6
3 2	10 20.70	−11 45.0	2.843	3.787	5.3	19.6
3 12	10 13.89	−10 37.7	2.865	3.798	6.0	19.7
3 22	10 8.06	− 9 23.6	2.916	3.808	7.6	19.8
4 1	10 3.62	− 8 7.9	2.993	3.817	9.6	19.9

64017 2001 SN_{147} 2 24.0 110.°67 3.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.91	− 1 19.8	1.605	2.410	16.6	19.9
2 1	10 46.23	− 1 4.5	1.540	2.426	12.8	19.7
2 11	10 38.22	− 0 27.6	1.497	2.442	8.5	19.5
2 21	10 28.73	+ 0 27.7	1.480	2.458	4.4	19.3
3 2	10 18.91	+ 1 35.0	1.491	2.473	4.0	19.3
3 12	10 10.01	+ 2 46.2	1.529	2.487	7.8	19.6
3 22	10 3.03	+ 3 53.4	1.594	2.501	11.8	19.8
4 1	9 58.61	+ 4 50.4	1.680	2.514	15.4	20.1

130746 2000 SF_{260} 2 24.0 132.°68 1.°0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.68	+10 2.0	1.773	2.608	13.9	20.6
2 1	10 46.65	+10 42.1	1.707	2.619	10.1	20.4
2 11	10 38.41	+11 32.2	1.667	2.630	5.8	20.2
2 21	10 28.77	+12 26.2	1.654	2.641	1.4	19.9
3 2	10 18.82	+13 17.3	1.670	2.651	3.8	20.1
3 12	10 9.74	+13 59.4	1.714	2.661	8.1	20.4
3 22	10 2.46	+14 28.4	1.785	2.670	12.1	20.6
4 1	9 57.62	+14 42.8	1.877	2.678	15.3	20.9

236297 2006 AR_{73} 2 24.0 230.°82 6.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.29	+19 30.7	1.722	2.578	13.2	20.2
2 1	10 45.42	+21 57.3	1.648	2.568	9.8	20.0
2 11	10 38.00	+24 31.8	1.600	2.557	6.8	19.8
2 21	10 28.74	+27 1.0	1.582	2.546	6.3	19.7
3 2	10 18.74	+29 11.4	1.593	2.534	8.9	19.8
3 12	10 9.35	+30 53.2	1.631	2.521	12.5	20.0
3 22	10 1.76	+32 2.5	1.693	2.508	16.0	20.2
4 1	9 56.85	+32 40.0	1.772	2.494	18.9	20.4

207997 1998 HJ_{42} 2 24.0 313.°22 0.°1/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 44.77	+ 6 58.0	2.139	2.970	12.0	20.5
2 1	10 40.74	+ 7 39.0	2.051	2.960	8.9	20.3
2 11	10 34.95	+ 8 32.2	1.988	2.950	5.2	20.1
2 21	10 27.97	+ 9 33.0	1.952	2.940	1.2	19.8
3 2	10 20.58	+10 35.9	1.946	2.930	2.9	19.9
3 12	10 13.68	+11 34.8	1.969	2.921	6.8	20.1
3 22	10 8.05	+12 24.6	2.018	2.911	10.4	20.3
4 1	10 4.30	+13 1.9	2.090	2.903	13.6	20.5

145406 2005 NL_{83} 2 24.0 77.°77 1.°6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.50	+ 2 13.6	2.349	3.158	11.8	20.3
2 1	10 41.02	+ 2 36.7	2.271	3.163	8.9	20.1
2 11	10 34.99	+ 3 12.8	2.218	3.169	5.7	19.9
2 21	10 27.95	+ 3 59.1	2.193	3.175	2.4	19.7
3 2	10 20.65	+ 4 51.2	2.197	3.181	2.5	19.7
3 12	10 13.88	+ 5 44.0	2.231	3.187	5.8	19.9
3 22	10 8.29	+ 6 32.7	2.292	3.193	9.0	20.1
4 1	10 4.41	+ 7 13.8	2.377	3.199	11.8	20.3

334598 2002 TC_{269} 2 24.0 112.°51 4.°0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.30	− 5 9.6	2.269	3.044	13.3	20.3
2 1	10 41.68	− 5 4.7	2.187	3.050	10.6	20.1
2 11	10 35.41	− 4 41.6	2.128	3.055	7.6	19.9
2 21	10 28.06	− 4 1.7	2.096	3.061	4.9	19.8
3 2	10 20.41	− 3 8.4	2.093	3.067	4.2	19.7
3 12	10 13.29	− 2 7.2	2.118	3.072	6.3	19.9
3 22	10 7.41	− 1 3.7	2.171	3.077	9.2	20.0
4 1	10 3.33	− 0 3.6	2.248	3.082	12.0	20.2

217550 2007 GB_{24} 2 24.0 206.°00 5.°1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.50	+25 35.8	2.533	3.373	10.1	20.9
2 1	10 45.44	+26 36.0	2.461	3.368	7.7	20.7
2 11	10 37.59	+27 33.0	2.416	3.362	5.7	20.6
2 21	10 28.58	+28 20.7	2.400	3.355	5.2	20.6
3 2	10 19.24	+28 53.5	2.414	3.348	6.6	20.6
3 12	10 10.49	+29 8.4	2.455	3.341	9.0	20.8
3 22	10 3.11	+29 4.8	2.522	3.333	11.5	20.9
4 1	9 57.68	+28 44.0	2.610	3.324	13.6	21.1

340708 2006 SQ_{39} 2 24.0 125.°70 0.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.16	+ 8 12.2	2.462	3.282	11.0	20.5
2 1	10 43.59	+ 8 19.5	2.385	3.288	8.1	20.3
2 11	10 36.44	+ 8 34.3	2.334	3.294	4.8	20.1
2 21	10 28.30	+ 8 53.7	2.312	3.299	1.2	19.9
3 2	10 19.90	+ 9 14.0	2.321	3.304	2.5	20.0
3 12	10 12.07	+ 9 31.9	2.359	3.310	5.9	20.2
3 22	10 5.48	+ 9 44.3	2.425	3.315	9.1	20.4
4 1	10 0.63	+ 9 49.4	2.515	3.320	11.8	20.6

33538 Jaredbergen 2 24.0 90.°76 3.°2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.98	+15 8.2	1.473	2.327	15.2	18.3
2 1	10 47.30	+15 55.6	1.412	2.333	11.0	18.1
2 11	10 38.96	+16 49.4	1.374	2.340	6.5	17.8
2 21	10 28.92	+17 41.4	1.362	2.346	3.2	17.6
3 2	10 18.51	+18 23.1	1.378	2.352	5.8	17.8
3 12	10 9.15	+18 48.4	1.420	2.358	10.2	18.1
3 22	10 1.97	+18 54.7	1.485	2.364	14.4	18.3
4 1	9 57.66	+18 42.4	1.570	2.370	17.9	18.6

256354 2006 XG_{55} 2 24.0 54.°77 1.°7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.59	+ 3 43.9	1.573	2.402	15.7	20.1
2 1	10 44.59	+ 3 56.7	1.509	2.413	11.8	19.9
2 11	10 37.29	+ 4 26.1	1.468	2.425	7.3	19.7
2 21	10 28.52	+ 5 8.0	1.453	2.437	2.7	19.4
3 2	10 19.44	+ 5 56.3	1.465	2.450	3.3	19.5
3 12	10 11.26	+ 6 43.9	1.504	2.463	7.8	19.8
3 22	10 4.95	+ 7 24.8	1.568	2.475	12.0	20.1
4 1	10 1.16	+ 7 54.7	1.655	2.488	15.6	20.3

337557 2001 SF_{262} 2 24.0 123.°62 17.°4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	12 9.38	+47 38.3	1.152	1.899	25.0	21.3
2 1	11 44.52	+48 31.1	1.104	1.921	21.8	21.1
2 11	11 12.02	+48 31.6	1.078	1.943	18.9	21.0
2 21	10 36.28	+47 11.7	1.078	1.963	17.5	20.9
3 2	10 3.34	+44 27.7	1.109	1.982	18.2	21.1
3 12	9 37.58	+40 43.6	1.169	1.999	20.6	21.3
3 22	9 20.13	+36 33.3	1.255	2.015	23.4	21.5
4 1	9 10.15	+32 22.7	1.362	2.029	25.9	21.8

87072 2000 KF_{62} 2 24.0 134.°98 4.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.25	+19 21.9	2.164	3.010	11.3	19.9
2 1	10 44.64	+20 47.3	2.107	3.023	8.2	19.7
2 11	10 37.14	+22 14.2	2.077	3.036	5.3	19.5
2 21	10 28.48	+23 34.9	2.076	3.048	4.2	19.5
3 2	10 19.54	+24 42.4	2.105	3.059	6.1	19.6
3 12	10 11.32	+25 31.6	2.163	3.070	9.0	19.8
3 22	10 4.61	+26 0.8	2.246	3.080	11.9	20.0
4 1	9 59.98	+26 10.5	2.349	3.090	14.3	20.2

504044 2005 VB_{65} 2 24.0 80.°35 6.°0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.26	+29 29.0	2.529	3.372	10.0	21.1
2 1	10 43.76	+30 29.2	2.477	3.378	7.9	21.0
2 11	10 36.56	+31 22.9	2.450	3.385	6.3	20.9
2 21	10 28.33	+32 4.0	2.452	3.392	6.1	20.9
3 2	10 19.90	+32 27.9	2.482	3.398	7.4	21.0
3 12	10 12.17	+32 32.4	2.538	3.405	9.5	21.1
3 22	10 5.83	+32 17.6	2.618	3.412	11.6	21.3
4 1	10 1.41	+31 45.7	2.719	3.418	13.4	21.4

262840 2007 BM_5 2 24.0 50.°71 3.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.11	+15 6.6	1.459	2.315	15.2	20.2
2 1	10 46.47	+15 46.5	1.412	2.335	10.9	20.0
2 11	10 38.35	+16 31.5	1.388	2.354	6.4	19.8
2 21	10 28.75	+17 13.9	1.390	2.374	3.0	19.6
3 2	10 19.00	+17 46.4	1.419	2.395	5.5	19.8
3 12	10 10.44	+18 3.6	1.475	2.416	9.7	20.1
3 22	10 4.04	+18 3.8	1.554	2.437	13.7	20.4
4 1	10 0.38	+17 47.6	1.653	2.458	16.9	20.6

60635 2000 FD_{30} 2 24.0 155.°32 1.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.80	+11 52.1	2.031	2.867	12.4	19.6
2 1	10 45.11	+12 35.0	1.960	2.873	9.0	19.4
2 11	10 37.47	+13 25.5	1.914	2.878	5.1	19.1
2 21	10 28.56	+14 17.9	1.897	2.883	1.7	18.9
3 2	10 19.34	+15 6.1	1.909	2.888	3.8	19.1
3 12	10 10.83	+15 44.9	1.951	2.892	7.7	19.3
3 22	10 3.85	+16 10.8	2.018	2.896	11.2	19.5
4 1	9 59.02	+16 22.6	2.109	2.899	14.2	19.7

343122 2009 EH_{15} 2 24.0 88.°09 0.°1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.55	+ 6 12.7	2.323	3.147	11.4	21.2
2 1	10 41.05	+ 7 4.0	2.255	3.160	8.4	21.0
2 11	10 34.99	+ 8 6.5	2.213	3.174	4.9	20.8
2 21	10 27.97	+ 9 15.3	2.200	3.187	1.2	20.6
3 2	10 20.72	+10 24.9	2.216	3.200	2.6	20.7
3 12	10 14.05	+11 29.6	2.263	3.213	6.2	21.0
3 22	10 8.60	+12 24.8	2.337	3.226	9.4	21.2
4 1	10 4.86	+13 7.9	2.434	3.239	12.1	21.4

340742 2006 SY_{206} 2 24.0 157.°02 1.°4/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.32	+12 47.9	2.557	3.391	10.2	21.6
2 1	10 42.25	+13 22.0	2.482	3.394	7.3	21.5
2 11	10 35.67	+14 1.3	2.433	3.397	4.2	21.3
2 21	10 28.13	+14 41.5	2.414	3.400	1.5	21.1
3 2	10 20.34	+15 18.2	2.424	3.402	3.2	21.2
3 12	10 13.07	+15 47.6	2.465	3.404	6.4	21.4
3 22	10 6.97	+16 7.0	2.532	3.406	9.4	21.6
4 1	10 2.52	+16 15.2	2.623	3.408	11.9	21.8

75038 1999 UB_{31} 2 24.0 184.°79 1.°2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.44	+10 48.1	2.042	2.874	12.5	20.9
2 1	10 45.63	+11 33.1	1.964	2.874	9.1	20.7
2 11	10 37.81	+12 27.0	1.911	2.874	5.2	20.4
2 21	10 28.66	+13 24.2	1.886	2.873	1.5	20.2
3 2	10 19.12	+14 18.5	1.892	2.872	3.7	20.3
3 12	10 10.22	+15 4.1	1.927	2.870	7.7	20.6
3 22	10 2.85	+15 37.1	1.989	2.867	11.3	20.8
4 1	9 57.65	+15 55.7	2.073	2.863	14.4	21.0

66321 1999 JW_{51} 2 24.0 305.°17 2.°4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.14	+12 42.2	1.357	2.216	15.9	18.6
2 1	10 45.73	+13 22.1	1.274	2.198	11.7	18.2
2 11	10 38.37	+14 13.6	1.212	2.180	6.9	17.9
2 21	10 28.87	+15 9.2	1.176	2.162	2.5	17.6
3 2	10 18.55	+15 59.6	1.165	2.145	5.5	17.7
3 12	10 8.99	+16 36.1	1.180	2.128	10.8	18.0
3 22	10 1.60	+16 53.8	1.217	2.111	15.8	18.2
4 1	9 57.31	+16 51.0	1.273	2.095	20.1	18.4

234826 2002 RM_{83} 2 24.0 112.°17 1.°5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.85	+ 1 32.1	2.295	3.101	12.1	20.2
2 1	10 41.31	+ 2 12.1	2.219	3.110	9.2	20.0
2 11	10 35.17	+ 3 6.7	2.168	3.120	5.8	19.8
2 21	10 28.02	+ 4 12.2	2.146	3.129	2.4	19.6
3 2	10 20.61	+ 5 23.5	2.153	3.138	2.5	19.6
3 12	10 13.75	+ 6 34.4	2.191	3.147	5.9	19.9
3 22	10 8.12	+ 7 39.7	2.256	3.155	9.2	20.1
4 1	10 4.23	+ 8 35.1	2.345	3.164	12.1	20.3

103878 2000 DH_{48} 2 24.0 192.°34 0.°2/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.28	+ 7 58.1	2.233	3.055	11.9	20.4
2 1	10 44.65	+ 8 33.4	2.149	3.053	8.7	20.2
2 11	10 37.19	+ 9 18.8	2.090	3.051	5.1	19.9
2 21	10 28.52	+10 10.1	2.060	3.048	1.2	19.7
3 2	10 19.46	+11 1.8	2.061	3.044	2.9	19.8
3 12	10 10.96	+11 48.8	2.092	3.040	6.8	20.0
3 22	10 3.82	+12 26.7	2.150	3.035	10.3	20.2
4 1	9 58.62	+12 53.1	2.232	3.029	13.3	20.4

87708 2000 SM_{27} 2 24.0 201.°84 3.°1/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.85	− 2 25.0	2.451	3.236	12.1	20.4
2 1	10 41.28	− 2 20.4	2.363	3.236	9.5	20.2
2 11	10 35.17	− 2 0.6	2.299	3.235	6.6	20.1
2 21	10 28.03	− 1 27.4	2.263	3.234	3.9	19.9
3 2	10 20.58	− 0 43.7	2.255	3.233	3.4	19.8
3 12	10 13.59	+ 0 5.7	2.277	3.232	5.8	20.0
3 22	10 7.73	+ 0 56.1	2.327	3.232	8.7	20.2
4 1	10 3.52	+ 1 42.8	2.401	3.231	11.5	20.4

9091 Ishidatakaki 2 24.0 198.°46 0.°5/24.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.27	+ 5 32.1	2.121	2.938	12.6	18.8
2 1	10 44.75	+ 6 7.0	2.035	2.935	9.4	18.6
2 11	10 37.30	+ 6 54.8	1.973	2.931	5.6	18.4
2 21	10 28.56	+ 7 51.3	1.940	2.926	1.6	18.1
3 2	10 19.38	+ 8 50.9	1.937	2.921	2.8	18.2
3 12	10 10.77	+ 9 47.7	1.963	2.915	6.9	18.4
3 22	10 3.56	+10 36.5	2.017	2.908	10.6	18.6
4 1	9 58.38	+11 13.8	2.095	2.901	13.8	18.8

78532 2002 RQ_{104} 2 24.0 51.°96 4.°6/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.28	+22 11.8	2.012	2.862	11.9	18.7
2 1	10 45.47	+22 53.5	1.953	2.869	8.8	18.5
2 11	10 37.66	+23 33.1	1.920	2.877	5.9	18.4
2 21	10 28.61	+24 4.4	1.914	2.885	4.6	18.3
3 2	10 19.35	+24 21.6	1.937	2.893	6.4	18.4
3 12	10 10.94	+24 21.8	1.987	2.901	9.3	18.6
3 22	10 4.21	+24 4.7	2.062	2.909	12.3	18.8
4 1	9 59.72	+23 31.7	2.158	2.918	14.9	19.0

387085 2012 TN_{99} 2 24.0 97.°65 9.°6/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.83	+44 3.2	2.504	3.301	11.5	20.6
2 1	10 51.54	+45 1.8	2.473	3.315	10.3	20.5
2 11	10 41.06	+45 42.6	2.466	3.328	9.6	20.5
2 21	10 29.38	+45 59.2	2.485	3.342	9.8	20.5
3 2	10 17.71	+45 48.1	2.529	3.355	10.8	20.6
3 12	10 7.27	+45 9.6	2.597	3.369	12.1	20.7
3 22	9 58.91	+44 7.4	2.686	3.382	13.6	20.9
4 1	9 53.15	+42 46.6	2.793	3.395	14.9	21.0

168262 2006 PJ_{27} 2 24.0 145.°37 6.°9/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.28	+34 22.4	2.758	3.587	9.7	20.2
2 1	10 45.19	+35 36.5	2.712	3.596	8.0	20.1
2 11	10 37.40	+36 41.3	2.693	3.605	7.0	20.1
2 21	10 28.55	+37 30.6	2.702	3.613	7.1	20.1
3 2	10 19.50	+38 0.1	2.739	3.620	8.3	20.2
3 12	10 11.14	+38 7.8	2.802	3.628	9.9	20.3
3 22	10 4.19	+37 54.7	2.888	3.634	11.7	20.4
4 1	9 59.16	+37 23.2	2.993	3.641	13.2	20.6

468347 2016 EN_{87} 2 24.0 349.°96 1.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.56	+ 9 39.6	1.805	2.647	13.4	20.9
2 1	10 43.02	+10 28.7	1.731	2.646	9.8	20.6
2 11	10 36.38	+11 29.2	1.681	2.646	5.6	20.4
2 21	10 28.36	+12 35.1	1.658	2.645	1.4	20.1
3 2	10 19.93	+13 39.0	1.663	2.645	3.8	20.3
3 12	10 12.19	+14 34.1	1.697	2.644	8.1	20.5
3 22	10 6.05	+15 15.6	1.756	2.644	12.0	20.8
4 1	10 2.17	+15 41.0	1.836	2.644	15.3	21.0

439403 2013 BE_{46} 2 24.0 216.°15 3.°8/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.39	+22 48.1	2.947	3.790	8.7	21.4
2 1	10 41.53	+23 46.2	2.873	3.785	6.5	21.3
2 11	10 35.25	+24 43.3	2.827	3.780	4.5	21.1
2 21	10 28.07	+25 34.6	2.811	3.775	3.9	21.1
3 2	10 20.61	+26 15.5	2.824	3.769	5.3	21.2
3 12	10 13.60	+26 42.7	2.866	3.763	7.5	21.3
3 22	10 7.64	+26 55.1	2.934	3.757	9.7	21.4
4 1	10 3.20	+26 52.8	3.025	3.750	11.7	21.6

221986 1997 CR_2 2 24.0 114.°83 1.°4/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.27	+11 6.8	2.152	2.986	11.8	21.2
2 1	10 43.84	+11 59.4	2.089	3.002	8.5	21.0
2 11	10 36.66	+12 59.5	2.053	3.017	4.8	20.8
2 21	10 28.40	+14 1.7	2.046	3.032	1.5	20.6
3 2	10 19.91	+14 59.7	2.069	3.047	3.6	20.7
3 12	10 12.12	+15 48.4	2.121	3.061	7.2	21.0
3 22	10 5.76	+16 24.3	2.199	3.075	10.5	21.2
4 1	10 1.37	+16 45.9	2.301	3.089	13.2	21.4

495553 2014 WF_{207} 2 24.0 137.°77 4.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.75	+21 58.7	2.077	2.923	11.7	21.5
2 1	10 46.52	+23 4.2	2.020	2.934	8.7	21.4
2 11	10 38.27	+24 8.4	1.990	2.945	5.9	21.2
2 21	10 28.78	+25 4.0	1.987	2.955	4.8	21.2
3 2	10 19.05	+25 44.5	2.015	2.965	6.6	21.3
3 12	10 10.13	+26 6.1	2.069	2.974	9.5	21.5
3 22	10 2.90	+26 8.2	2.149	2.983	12.4	21.7
4 1	9 57.90	+25 52.1	2.249	2.991	14.8	21.9

243656 1999 UP_{43} 2 24.0 139.°81 3.°4/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.48	− 0 19.6	1.915	2.710	14.6	20.0
2 1	10 47.15	− 0 33.9	1.839	2.720	11.4	19.8
2 11	10 38.71	− 0 32.0	1.787	2.729	7.7	19.6
2 21	10 28.90	− 0 15.6	1.762	2.738	4.2	19.4
3 2	10 18.74	+ 0 12.0	1.766	2.746	3.9	19.4
3 12	10 9.32	+ 0 45.6	1.799	2.754	7.1	19.6
3 22	10 1.55	+ 1 19.8	1.859	2.761	10.7	19.8
4 1	9 56.08	+ 1 50.0	1.943	2.768	14.0	20.0

134863 2000 PX_5 2 24.0 140.°76 1.°6/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.52	+11 37.6	1.876	2.703	13.6	21.9
2 1	10 50.04	+12 25.2	1.814	2.722	9.8	21.7
2 11	10 40.34	+13 20.6	1.777	2.740	5.6	21.5
2 21	10 29.27	+14 17.3	1.770	2.756	1.8	21.3
3 2	10 17.96	+15 8.3	1.793	2.771	4.1	21.5
3 12	10 7.59	+15 48.1	1.846	2.785	8.2	21.7
3 22	9 59.11	+16 13.6	1.926	2.798	11.9	22.0
4 1	9 53.12	+16 23.9	2.028	2.809	15.0	22.2

209656 2005 CK_{20} 2 24.0 60.°26 1.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.84	+10 24.1	1.371	2.222	16.3	20.4
2 1	10 46.46	+11 1.8	1.318	2.238	11.8	20.2
2 11	10 38.45	+11 51.0	1.288	2.254	6.8	19.9
2 21	10 28.84	+12 44.3	1.283	2.271	1.7	19.6
3 2	10 18.97	+13 33.4	1.306	2.288	4.5	19.9
3 12	10 10.26	+14 11.0	1.354	2.305	9.4	20.2
3 22	10 3.78	+14 33.1	1.426	2.322	13.8	20.5
4 1	10 0.16	+14 38.3	1.519	2.339	17.4	20.8

9248 Sauer 2 24.0 128.°98 0.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.81	+ 6 37.7	2.153	2.977	12.2	18.5
2 1	10 42.85	+ 7 11.9	2.078	2.983	9.0	18.3
2 11	10 36.13	+ 7 57.3	2.029	2.989	5.3	18.0
2 21	10 28.30	+ 8 49.6	2.008	2.995	1.3	17.8
3 2	10 20.16	+ 9 43.5	2.016	3.000	2.7	17.9
3 12	10 12.63	+10 33.4	2.054	3.006	6.6	18.2
3 22	10 6.46	+11 14.9	2.119	3.011	10.1	18.4
4 1	10 2.21	+11 45.3	2.207	3.016	13.0	18.6

79978 1999 CC_{158} 2 24.0 47.°72 0.°0/23.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 28.07	+10 40.6	45.779	46.601	0.7	22.5
2 1	10 27.45	+10 43.6	45.701	46.608	0.5	22.4
2 11	10 26.76	+10 47.0	45.652	46.614	0.3	22.4
2 21	10 26.05	+10 50.5	45.633	46.620	0.1	22.4
3 2	10 25.32	+10 54.0	45.644	46.627	0.2	22.4
3 12	10 24.62	+10 57.3	45.686	46.633	0.4	22.4
3 22	10 23.95	+11 0.3	45.756	46.640	0.6	22.5
4 1	10 23.36	+11 3.0	45.854	46.646	0.8	22.5

247074 2000 RN_{104} 2 24.0 198.°16 3.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.95	− 7 42.2	3.356	4.096	10.1	21.0
2 1	10 41.03	− 7 44.0	3.255	4.091	8.2	20.9
2 11	10 34.91	− 7 32.3	3.179	4.087	6.2	20.7
2 21	10 28.00	− 7 7.8	3.131	4.081	4.4	20.6
3 2	10 20.83	− 6 32.0	3.113	4.075	3.8	20.6
3 12	10 13.96	− 5 48.2	3.125	4.069	5.0	20.6
3 22	10 7.91	− 4 59.9	3.167	4.062	7.0	20.8
4 1	10 3.10	− 4 11.0	3.235	4.054	9.0	20.9

367330 2008 CW_{17} 2 24.0 359.°33 0.°5/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.32	+ 8 11.8	1.408	2.253	16.3	21.1
2 1	10 46.25	+ 8 6.4	1.337	2.252	12.1	20.8
2 11	10 38.48	+ 8 13.2	1.287	2.250	7.2	20.5
2 21	10 28.90	+ 8 28.2	1.263	2.250	1.9	20.2
3 2	10 18.80	+ 8 45.8	1.265	2.250	3.7	20.3
3 12	10 9.65	+ 9 0.1	1.293	2.251	8.9	20.6
3 22	10 2.63	+ 9 6.8	1.345	2.252	13.6	20.9
4 1	9 58.50	+ 9 2.9	1.418	2.254	17.6	21.1

463310 2012 JU_{24} 2 24.0 296.°69 3.°7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.69	+16 8.4	1.680	2.536	13.5	20.8
2 1	10 44.21	+17 12.2	1.596	2.518	9.9	20.6
2 11	10 37.29	+18 23.6	1.535	2.500	6.0	20.3
2 21	10 28.63	+19 34.4	1.502	2.483	3.7	20.1
3 2	10 19.33	+20 35.7	1.496	2.465	6.2	20.2
3 12	10 10.67	+21 20.0	1.516	2.447	10.3	20.4
3 22	10 3.77	+21 43.6	1.560	2.430	14.4	20.6
4 1	9 59.45	+21 45.6	1.624	2.413	17.8	20.8

221376 2005 XL_{56} 2 24.0 58.°91 4.°2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.37	+ 0 19.1	1.234	2.059	19.4	19.9
2 1	10 48.47	− 0 5.5	1.182	2.079	14.9	19.7
2 11	10 39.70	− 0 7.6	1.150	2.100	9.9	19.5
2 21	10 29.16	+ 0 10.7	1.142	2.121	5.3	19.3
3 2	10 18.35	+ 0 43.9	1.160	2.142	4.9	19.3
3 12	10 8.85	+ 1 24.0	1.203	2.163	9.1	19.6
3 22	10 1.82	+ 2 3.1	1.270	2.185	13.6	19.9
4 1	9 57.93	+ 2 34.9	1.357	2.206	17.5	20.2

461286 2015 XK_{69} 2 24.0 126.°34 1.°6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.62	+10 43.7	1.699	2.536	14.3	22.0
2 1	10 47.41	+11 40.0	1.639	2.552	10.4	21.8
2 11	10 38.90	+12 46.3	1.604	2.568	5.9	21.5
2 21	10 28.97	+13 55.4	1.596	2.583	1.8	21.3
3 2	10 18.75	+14 59.2	1.618	2.597	4.3	21.5
3 12	10 9.48	+15 51.0	1.668	2.611	8.6	21.8
3 22	10 2.13	+16 26.7	1.744	2.624	12.6	22.0
4 1	9 57.31	+16 45.2	1.841	2.636	15.8	22.3

375336 2008 SV 2 24.0 120.°11 4.°8/19.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.79	+22 38.7	2.154	3.002	11.3	20.8
2 1	10 45.06	+23 42.0	2.098	3.012	8.4	20.6
2 11	10 37.42	+24 43.5	2.067	3.021	5.8	20.4
2 21	10 28.61	+25 36.3	2.065	3.031	4.9	20.4
3 2	10 19.56	+26 14.3	2.092	3.040	6.6	20.5
3 12	10 11.28	+26 34.0	2.146	3.049	9.3	20.7
3 22	10 4.57	+26 34.7	2.225	3.057	12.1	20.9
4 1	9 59.98	+26 17.7	2.325	3.066	14.4	21.1

167574 2004 BW_{61} 2 24.0 159.°74 1.°0/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.76	+11 0.3	2.351	3.184	11.0	20.7
2 1	10 42.72	+11 37.5	2.275	3.186	8.0	20.5
2 11	10 36.03	+12 21.8	2.225	3.189	4.6	20.3
2 21	10 28.29	+13 8.7	2.204	3.191	1.3	20.0
3 2	10 20.26	+13 53.3	2.213	3.193	3.2	20.2
3 12	10 12.79	+14 30.9	2.252	3.195	6.7	20.4
3 22	10 6.58	+14 58.4	2.317	3.197	9.9	20.6
4 1	10 2.16	+15 14.0	2.406	3.198	12.6	20.8

59336 1999 CR_{110} 2 24.0 103.°39 3.°3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.14	− 1 18.6	1.529	2.340	16.9	18.6
2 1	10 45.12	− 0 56.6	1.461	2.351	13.1	18.3
2 11	10 37.70	− 0 11.5	1.414	2.361	8.7	18.1
2 21	10 28.71	+ 0 53.2	1.393	2.371	4.4	17.9
3 2	10 19.32	+ 2 10.6	1.399	2.382	4.0	17.9
3 12	10 10.82	+ 3 31.6	1.432	2.392	8.0	18.1
3 22	10 4.24	+ 4 47.3	1.491	2.401	12.3	18.4
4 1	10 0.27	+ 5 51.3	1.571	2.411	16.0	18.7

22818 1999 RX_{25} 2 24.0 180.°75 1.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.34	+12 16.4	1.709	2.546	14.2	19.3
2 1	10 48.85	+12 58.2	1.634	2.548	10.4	19.1
2 11	10 39.87	+13 48.7	1.585	2.549	6.0	18.8
2 21	10 29.23	+14 41.2	1.563	2.549	2.0	18.5
3 2	10 18.13	+15 28.3	1.570	2.548	4.5	18.7
3 12	10 7.89	+16 3.6	1.606	2.547	9.0	19.0
3 22	9 59.57	+16 23.7	1.666	2.545	13.1	19.2
4 1	9 53.92	+16 27.6	1.749	2.542	16.6	19.4

463646 2013 TG_{134} 2 24.0 192.°80 0.°6/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.57	+ 5 41.9	2.313	3.129	11.7	22.4
2 1	10 43.37	+ 6 11.6	2.228	3.128	8.7	22.2
2 11	10 36.45	+ 6 52.7	2.168	3.126	5.2	22.0
2 21	10 28.40	+ 7 41.3	2.137	3.123	1.5	21.7
3 2	10 20.00	+ 8 32.8	2.136	3.120	2.6	21.8
3 12	10 12.12	+ 9 22.0	2.165	3.117	6.3	22.0
3 22	10 5.49	+10 4.5	2.221	3.113	9.7	22.2
4 1	10 0.69	+10 37.1	2.302	3.109	12.6	22.4

456888 2007 VF_{123} 2 24.0 132.°47 0.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.54	+ 7 45.2	1.897	2.722	13.5	22.6
2 1	10 46.44	+ 8 20.8	1.830	2.736	9.9	22.4
2 11	10 38.28	+ 9 7.6	1.789	2.750	5.8	22.2
2 21	10 28.83	+10 0.5	1.775	2.763	1.3	21.9
3 2	10 19.10	+10 53.3	1.792	2.775	3.2	22.1
3 12	10 10.17	+11 39.8	1.837	2.787	7.4	22.4
3 22	10 2.93	+12 15.8	1.909	2.798	11.2	22.6
4 1	9 57.96	+12 39.0	2.004	2.808	14.4	22.9

77883 2001 SC_{126} 2 24.0 357.°81 2.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.80	+14 42.4	1.547	2.403	14.5	17.8
2 1	10 44.94	+14 46.3	1.477	2.399	10.6	17.5
2 11	10 37.63	+14 54.8	1.429	2.396	6.2	17.3
2 21	10 28.70	+15 2.6	1.408	2.394	2.2	17.0
3 2	10 19.37	+15 4.3	1.413	2.393	4.6	17.1
3 12	10 10.94	+14 55.7	1.445	2.394	9.1	17.4
3 22	10 4.47	+14 34.9	1.501	2.395	13.3	17.7
4 1	10 0.65	+14 1.8	1.577	2.398	16.9	17.9

402053 2003 SY_{328} 2 24.0 79.°91 1.°8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.38	+11 30.4	1.529	2.376	15.1	21.9
2 1	10 46.64	+12 16.9	1.477	2.395	10.9	21.7
2 11	10 38.49	+13 12.8	1.448	2.413	6.2	21.5
2 21	10 28.88	+14 10.7	1.445	2.432	2.0	21.3
3 2	10 19.04	+15 2.6	1.470	2.450	4.5	21.5
3 12	10 10.28	+15 41.9	1.523	2.468	9.1	21.8
3 22	10 3.58	+16 5.2	1.600	2.486	13.1	22.1
4 1	9 59.55	+16 11.6	1.698	2.504	16.5	22.3

287544 2003 EV_{22} 2 24.0 8.°93 6.°3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.75	+24 26.5	1.412	2.270	15.5	19.7
2 1	10 50.24	+24 48.7	1.353	2.271	11.7	19.4
2 11	10 40.76	+25 5.0	1.316	2.273	8.0	19.2
2 21	10 29.43	+25 6.7	1.305	2.276	6.3	19.1
3 2	10 17.81	+24 47.5	1.320	2.279	8.3	19.3
3 12	10 7.52	+24 5.4	1.361	2.283	12.0	19.5
3 22	9 59.77	+23 2.7	1.424	2.288	15.8	19.7
4 1	9 55.23	+21 43.8	1.507	2.294	19.1	20.0

134168 2005 BG_{23} 2 24.0 239.°72 1.°0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.31	+10 57.4	2.151	2.986	11.8	20.2
2 1	10 43.31	+11 30.8	2.070	2.982	8.6	19.9
2 11	10 36.47	+12 12.2	2.014	2.978	4.9	19.7
2 21	10 28.42	+12 56.7	1.987	2.975	1.3	19.4
3 2	10 20.00	+13 39.1	1.990	2.970	3.4	19.6
3 12	10 12.16	+14 14.4	2.021	2.966	7.2	19.8
3 22	10 5.69	+14 39.1	2.079	2.962	10.7	20.0
4 1	10 1.19	+14 51.2	2.159	2.958	13.7	20.2

77901 2001 TQ_{141} 2 24.0 215.°35 4.°5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.10	+23 3.6	2.413	3.259	10.3	18.8
2 1	10 43.76	+24 0.7	2.343	3.256	7.7	18.7
2 11	10 36.67	+24 56.3	2.300	3.253	5.3	18.5
2 21	10 28.45	+25 44.4	2.285	3.249	4.6	18.5
3 2	10 19.93	+26 19.6	2.299	3.246	6.2	18.5
3 12	10 12.01	+26 38.3	2.341	3.242	8.7	18.7
3 22	10 5.43	+26 39.4	2.409	3.238	11.4	18.9
4 1	10 0.76	+26 23.9	2.497	3.234	13.7	19.0

387842 2004 LP_{21} 2 24.0 247.°81 0.°7/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.18	+ 9 21.6	2.859	3.684	9.5	21.5
2 1	10 40.72	+10 14.7	2.760	3.667	6.9	21.3
2 11	10 34.85	+11 16.3	2.688	3.651	4.0	21.1
2 21	10 28.03	+12 22.3	2.646	3.633	1.0	20.9
3 2	10 20.85	+13 28.1	2.636	3.616	2.7	21.0
3 12	10 14.00	+14 28.8	2.656	3.598	5.8	21.2
3 22	10 8.08	+15 20.6	2.704	3.580	8.8	21.3
4 1	10 3.60	+16 1.1	2.776	3.561	11.3	21.5

21592 1998 VJ_5 2 24.0 210.°64 3.°5/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.78	+20 48.1	2.671	3.509	9.7	19.0
2 1	10 44.84	+21 33.1	2.591	3.502	7.1	18.8
2 11	10 37.25	+22 18.0	2.538	3.494	4.7	18.6
2 21	10 28.59	+22 57.7	2.514	3.486	3.5	18.6
3 2	10 19.62	+23 27.4	2.521	3.477	5.1	18.6
3 12	10 11.16	+23 44.0	2.558	3.468	7.7	18.8
3 22	10 3.92	+23 46.0	2.621	3.458	10.3	18.9
4 1	9 58.45	+23 33.8	2.707	3.448	12.6	19.1

481813 2008 UP_{54} 2 24.0 229.°30 18.°7/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 8.56	+47 59.1	1.192	2.012	20.2	20.6
2 1	11 0.94	+50 28.2	1.161	2.008	19.0	20.5
2 11	10 47.92	+52 24.1	1.148	2.003	18.7	20.5
2 21	10 31.21	+53 27.8	1.154	1.997	19.6	20.5
3 2	10 13.87	+53 28.5	1.178	1.991	21.3	20.6
3 12	9 59.16	+52 28.4	1.217	1.985	23.4	20.7
3 22	9 49.19	+50 38.8	1.270	1.978	25.5	20.9
4 1	9 44.62	+48 13.6	1.334	1.972	27.4	21.0

360541 2003 SY_{207} 2 24.0 131.°16 2.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.12	+ 1 2.5	1.853	2.661	14.5	21.3
2 1	10 44.76	+ 1 34.3	1.781	2.673	11.0	21.1
2 11	10 37.35	+ 2 23.9	1.733	2.684	7.0	20.9
2 21	10 28.63	+ 3 27.5	1.712	2.694	3.0	20.6
3 2	10 19.57	+ 4 38.7	1.720	2.704	3.1	20.7
3 12	10 11.26	+ 5 50.2	1.757	2.714	7.0	20.9
3 22	10 4.56	+ 6 55.4	1.821	2.723	10.9	21.2
4 1	10 0.10	+ 7 49.3	1.908	2.732	14.2	21.4

219722 2001 XU_{114} 2 24.0 107.°47 5.°9/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.29	+23 49.7	1.884	2.737	12.4	19.9
2 1	10 45.69	+25 7.3	1.830	2.745	9.3	19.7
2 11	10 37.91	+26 22.3	1.802	2.754	6.7	19.6
2 21	10 28.75	+27 26.1	1.801	2.762	6.0	19.6
3 2	10 19.31	+28 11.3	1.828	2.770	7.8	19.7
3 12	10 10.75	+28 33.9	1.881	2.778	10.7	19.9
3 22	10 3.99	+28 33.6	1.958	2.786	13.6	20.1
4 1	9 59.65	+28 12.3	2.054	2.793	16.1	20.3

458987 2011 WZ_{82} 2 24.0 72.°02 4.°4/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.55	− 3 5.5	1.515	2.320	17.4	22.0
2 1	10 44.74	− 3 4.5	1.446	2.329	13.7	21.8
2 11	10 37.50	− 2 39.5	1.398	2.338	9.5	21.6
2 21	10 28.68	− 1 52.7	1.374	2.347	5.6	21.4
3 2	10 19.44	− 0 49.5	1.377	2.357	4.8	21.4
3 12	10 11.07	+ 0 21.8	1.407	2.366	8.1	21.6
3 22	10 4.62	+ 1 32.3	1.461	2.375	12.2	21.8
4 1	10 0.78	+ 2 34.8	1.538	2.385	15.9	22.1

40845 1999 TL_{102} 2 24.0 134.°54 0.°4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.33	+ 6 49.8	2.114	2.935	12.5	19.8
2 1	10 44.67	+ 7 56.4	2.047	2.951	9.1	19.6
2 11	10 37.20	+ 9 15.0	2.006	2.967	5.3	19.4
2 21	10 28.58	+10 39.8	1.995	2.982	1.2	19.1
3 2	10 19.70	+12 3.6	2.014	2.996	3.1	19.3
3 12	10 11.51	+13 19.6	2.064	3.010	7.0	19.6
3 22	10 4.77	+14 23.0	2.141	3.022	10.5	19.8
4 1	10 0.05	+15 10.9	2.241	3.034	13.4	20.0

56481 2000 GW_{114} 2 24.0 210.°74 0.°8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.34	+ 8 31.2	1.802	2.634	13.8	18.8
2 1	10 45.90	+ 9 22.2	1.718	2.629	10.2	18.5
2 11	10 38.17	+10 26.5	1.659	2.622	5.9	18.3
2 21	10 28.86	+11 38.1	1.628	2.615	1.4	17.9
3 2	10 19.01	+12 49.3	1.626	2.607	3.7	18.1
3 12	10 9.82	+13 52.4	1.652	2.599	8.3	18.3
3 22	10 2.29	+14 42.0	1.704	2.590	12.5	18.6
4 1	9 57.18	+15 15.1	1.779	2.580	16.0	18.8

206246 2002 XV_{20} 2 24.0 69.°30 4.°6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.53	+22 17.4	2.092	2.941	11.5	20.0
2 1	10 44.87	+23 8.0	2.038	2.954	8.5	19.8
2 11	10 37.31	+23 56.6	2.010	2.966	5.7	19.6
2 21	10 28.60	+24 36.8	2.010	2.979	4.6	19.6
3 2	10 19.71	+25 2.9	2.039	2.991	6.3	19.7
3 12	10 11.64	+25 11.8	2.095	3.004	9.1	19.9
3 22	10 5.18	+25 3.1	2.175	3.017	12.0	20.1
4 1	10 0.85	+24 38.0	2.277	3.030	14.4	20.3

208461 2001 TY_{258} 2 24.0 62.°90 0.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.07	+ 9 39.1	2.218	3.047	11.7	20.7
2 1	10 43.74	+ 9 51.9	2.142	3.050	8.6	20.5
2 11	10 36.66	+10 12.2	2.091	3.053	5.0	20.2
2 21	10 28.47	+10 36.4	2.069	3.057	1.1	20.0
3 2	10 19.99	+11 0.2	2.077	3.060	2.8	20.1
3 12	10 12.12	+11 19.7	2.114	3.063	6.6	20.4
3 22	10 5.62	+11 31.8	2.177	3.067	10.0	20.6
4 1	10 1.03	+11 34.7	2.264	3.070	12.9	20.8

1515 Perrotin 2 24.1 82.°92 6.°2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.35	+24 18.9	1.712	2.563	13.6	16.9
2 1	10 48.61	+25 29.9	1.675	2.588	10.2	16.7
2 11	10 39.53	+26 35.9	1.662	2.613	7.2	16.6
2 21	10 29.12	+27 27.9	1.676	2.638	6.3	16.6
3 2	10 18.64	+27 59.2	1.718	2.662	8.1	16.8
3 12	10 9.37	+28 6.7	1.787	2.686	11.1	17.0
3 22	10 2.21	+27 51.5	1.879	2.710	14.0	17.2
4 1	9 57.71	+27 16.9	1.990	2.733	16.5	17.5

70274 1999 RG_{109} 2 24.1 256.°06 4.°0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.08	− 3 30.8	1.733	2.530	15.9	20.2
2 1	10 43.64	− 3 12.2	1.639	2.518	12.6	19.9
2 11	10 36.93	− 2 29.9	1.567	2.506	8.8	19.7
2 21	10 28.60	− 1 25.5	1.520	2.494	5.1	19.4
3 2	10 19.63	− 0 4.3	1.501	2.482	4.3	19.3
3 12	10 11.21	+ 1 25.6	1.510	2.469	7.7	19.5
3 22	10 4.39	+ 2 55.0	1.545	2.456	11.9	19.7
4 1	9 59.96	+ 4 15.9	1.603	2.443	15.7	19.9

130718 2000 SM_{209} 2 24.1 199.°23 1.°6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.03	+ 9 55.9	1.737	2.577	13.9	19.9
2 1	10 44.98	+11 3.4	1.660	2.575	10.1	19.7
2 11	10 37.64	+12 23.9	1.607	2.572	5.8	19.4
2 21	10 28.74	+13 50.0	1.583	2.569	1.8	19.2
3 2	10 19.35	+15 12.9	1.587	2.566	4.4	19.3
3 12	10 10.66	+16 24.2	1.619	2.562	8.8	19.6
3 22	10 3.69	+17 18.7	1.677	2.558	12.9	19.8
4 1	9 59.16	+17 53.7	1.756	2.553	16.4	20.0

90832 1995 UX_{14} 2 24.1 176.°43 1.°9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.31	+13 46.3	2.104	2.943	11.9	20.2
2 1	10 44.78	+14 23.0	2.029	2.944	8.6	20.0
2 11	10 37.33	+15 5.2	1.980	2.944	5.0	19.7
2 21	10 28.65	+15 47.7	1.960	2.945	2.0	19.5
3 2	10 19.63	+16 24.9	1.969	2.945	4.1	19.7
3 12	10 11.27	+16 52.0	2.007	2.945	7.7	19.9
3 22	10 4.39	+17 6.4	2.071	2.945	11.1	20.1
4 1	9 59.59	+17 7.1	2.158	2.945	14.0	20.3

266314 2007 CO_{45} 2 24.1 59.°88 0.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.13	+ 8 48.5	1.519	2.357	15.7	20.6
2 1	10 47.71	+ 9 12.1	1.479	2.391	11.4	20.4
2 11	10 38.99	+ 9 46.5	1.461	2.424	6.5	20.2
2 21	10 29.00	+10 26.0	1.470	2.457	1.5	20.0
3 2	10 18.99	+11 3.7	1.507	2.491	3.6	20.2
3 12	10 10.20	+11 33.8	1.572	2.524	8.2	20.6
3 22	10 3.53	+11 52.8	1.662	2.557	12.2	20.9
4 1	9 59.49	+11 59.1	1.773	2.589	15.5	21.2

210131 2006 RS_{81} 2 24.1 199.°06 0.°1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.36	+ 7 18.8	2.498	3.320	10.8	21.2
2 1	10 41.66	+ 7 51.0	2.414	3.318	7.9	21.0
2 11	10 35.43	+ 8 32.6	2.356	3.317	4.7	20.8
2 21	10 28.19	+ 9 19.9	2.327	3.315	1.1	20.5
3 2	10 20.66	+10 8.5	2.329	3.313	2.5	20.6
3 12	10 13.59	+10 53.6	2.360	3.311	5.9	20.8
3 22	10 7.66	+11 31.6	2.419	3.308	9.1	21.0
4 1	10 3.37	+11 59.8	2.502	3.306	11.8	21.2

328278 2008 GV_{68} 2 24.1 183.°99 4.°6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.46	− 9 15.3	2.556	3.298	12.8	22.2
2 1	10 42.47	− 8 57.9	2.461	3.299	10.5	22.0
2 11	10 35.91	− 8 20.6	2.390	3.298	7.9	21.8
2 21	10 28.31	− 7 24.6	2.346	3.298	5.5	21.7
3 2	10 20.38	− 6 13.0	2.331	3.296	4.6	21.6
3 12	10 12.89	− 4 51.1	2.346	3.294	6.1	21.7
3 22	10 6.51	− 3 25.2	2.390	3.291	8.7	21.9
4 1	10 1.79	− 2 1.5	2.459	3.288	11.3	22.0

194016 2001 SR_{30} 2 24.1 92.°30 2.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.47	+13 39.9	1.467	2.315	15.6	19.9
2 1	10 48.98	+14 23.6	1.416	2.335	11.2	19.7
2 11	10 39.89	+15 14.2	1.389	2.354	6.5	19.5
2 21	10 29.25	+16 3.9	1.388	2.373	2.6	19.3
3 2	10 18.40	+16 44.7	1.415	2.392	5.2	19.5
3 12	10 8.78	+17 10.7	1.469	2.411	9.7	19.8
3 22	10 1.41	+17 19.6	1.547	2.429	13.8	20.1
4 1	9 56.92	+17 11.6	1.646	2.446	17.1	20.3

324061 2005 VM_{61} 2 24.1 56.°93 20.°6/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.78	+48 31.9	1.009	1.847	21.8	19.9
2 1	10 56.20	+51 40.3	1.002	1.857	20.7	19.9
2 11	10 45.15	+54 5.0	1.012	1.866	20.7	19.9
2 21	10 30.56	+55 28.1	1.040	1.876	21.7	20.0
3 2	10 15.65	+55 41.9	1.082	1.887	23.4	20.2
3 12	10 3.68	+54 51.9	1.138	1.898	25.2	20.3
3 22	9 56.51	+53 11.3	1.206	1.909	26.9	20.5
4 1	9 54.56	+50 54.4	1.282	1.920	28.4	20.7

285977 2001 RM_{122} 2 24.1 214.°52 0.°3/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.03	+ 7 49.3	1.983	2.813	12.9	21.7
2 1	10 44.01	+ 8 32.5	1.900	2.808	9.5	21.5
2 11	10 36.98	+ 9 27.7	1.841	2.804	5.5	21.2
2 21	10 28.59	+10 30.0	1.811	2.798	1.3	20.9
3 2	10 19.77	+11 33.1	1.810	2.793	3.2	21.0
3 12	10 11.53	+12 30.2	1.837	2.787	7.4	21.3
3 22	10 4.76	+13 16.6	1.891	2.780	11.3	21.5
4 1	10 0.13	+13 49.0	1.968	2.774	14.5	21.7

211255 2002 QV_{127} 2 24.1 227.°43 1.°4/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.47	+11 19.4	1.984	2.819	12.7	21.7
2 1	10 45.85	+11 59.7	1.896	2.808	9.3	21.4
2 11	10 38.10	+12 48.8	1.834	2.798	5.4	21.2
2 21	10 28.87	+13 41.6	1.800	2.787	1.6	20.9
3 2	10 19.13	+14 31.5	1.795	2.775	3.9	21.0
3 12	10 9.97	+15 12.6	1.820	2.763	8.0	21.3
3 22	10 2.35	+15 41.0	1.870	2.750	11.9	21.5
4 1	9 56.96	+15 54.8	1.943	2.736	15.1	21.7

87693 2000 SV_{13} 2 24.1 157.°27 3.°0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.17	+16 18.1	2.109	2.952	11.7	20.5
2 1	10 44.68	+17 14.0	2.040	2.957	8.4	20.3
2 11	10 37.27	+18 13.8	1.998	2.961	5.1	20.1
2 21	10 28.65	+19 11.2	1.984	2.965	3.0	20.0
3 2	10 19.71	+19 59.8	2.000	2.968	5.0	20.1
3 12	10 11.45	+20 34.8	2.044	2.971	8.3	20.3
3 22	10 4.70	+20 53.9	2.114	2.974	11.5	20.5
4 1	10 0.03	+20 56.7	2.206	2.977	14.3	20.7

40037 1998 KS_{22} 2 24.1 264.°83 2.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.64	+13 24.8	2.037	2.880	12.0	19.9
2 1	10 43.77	+14 16.4	1.949	2.866	8.8	19.6
2 11	10 36.88	+15 15.9	1.886	2.851	5.1	19.4
2 21	10 28.58	+16 17.2	1.851	2.836	2.2	19.2
3 2	10 19.78	+17 13.5	1.846	2.821	4.4	19.3
3 12	10 11.51	+17 58.9	1.869	2.806	8.3	19.5
3 22	10 4.68	+18 29.5	1.917	2.790	11.9	19.7
4 1	9 59.97	+18 43.6	1.988	2.775	15.1	19.8

196233 2003 BC_{92} 2 24.1 58.°65 0.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.25	+ 6 0.2	1.201	2.051	18.2	20.8
2 1	10 45.56	+ 6 57.8	1.152	2.070	13.3	20.6
2 11	10 38.07	+ 8 15.1	1.125	2.090	7.7	20.3
2 21	10 28.85	+ 9 43.0	1.122	2.110	1.8	20.0
3 2	10 19.35	+11 10.3	1.145	2.130	4.2	20.2
3 12	10 11.11	+12 26.0	1.194	2.150	9.7	20.6
3 22	10 5.24	+13 23.3	1.266	2.170	14.5	20.9
4 1	10 2.39	+13 59.1	1.357	2.191	18.4	21.2

262544 2006 VS_{8} 2 24.1 142.°29 1.°9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.17	+12 44.6	2.101	2.937	12.0	21.4
2 1	10 45.34	+13 36.1	2.035	2.948	8.7	21.2
2 11	10 37.63	+14 34.2	1.995	2.958	5.0	21.0
2 21	10 28.73	+15 33.0	1.983	2.968	1.9	20.8
3 2	10 19.55	+16 26.3	2.002	2.978	4.0	20.9
3 12	10 11.09	+17 8.7	2.049	2.986	7.7	21.2
3 22	10 4.14	+17 37.4	2.124	2.995	11.0	21.4
4 1	9 59.27	+17 51.2	2.220	3.002	13.8	21.6

34748 2001 QN_{93} 2 24.1 207.°34 9.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.76	+40 9.2	2.406	3.224	11.3	18.4
2 1	10 48.11	+41 19.5	2.359	3.223	9.9	18.3
2 11	10 39.29	+42 15.5	2.337	3.223	9.1	18.3
2 21	10 29.12	+42 50.0	2.341	3.222	9.4	18.3
3 2	10 18.72	+42 58.1	2.370	3.221	10.5	18.4
3 12	10 9.26	+42 38.8	2.423	3.220	12.2	18.5
3 22	10 1.63	+41 54.5	2.497	3.219	13.9	18.6
4 1	9 56.44	+40 49.5	2.588	3.218	15.4	18.8

141248 2001 XE_{266} 2 24.1 88.°99 3.°6/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.72	− 2 44.7	2.386	3.167	12.5	20.0
2 1	10 42.70	− 2 58.1	2.303	3.171	9.9	19.9
2 11	10 36.06	− 2 56.7	2.244	3.176	7.0	19.7
2 21	10 28.36	− 2 41.6	2.212	3.180	4.3	19.5
3 2	10 20.36	− 2 15.3	2.209	3.184	3.8	19.5
3 12	10 12.87	− 1 41.8	2.235	3.188	6.0	19.6
3 22	10 6.59	− 1 5.6	2.289	3.192	8.9	19.8
4 1	10 2.04	− 0 31.1	2.367	3.196	11.6	20.0

166822 2002 VV_{95} 2 24.1 100.°80 4.°7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.62	− 5 41.8	2.250	3.020	13.5	19.8
2 1	10 42.75	− 5 59.0	2.163	3.021	10.9	19.7
2 11	10 36.15	− 5 58.7	2.100	3.021	8.0	19.5
2 21	10 28.40	− 5 41.3	2.063	3.022	5.5	19.3
3 2	10 20.27	− 5 9.1	2.054	3.023	4.8	19.3
3 12	10 12.66	− 4 26.5	2.073	3.024	6.6	19.4
3 22	10 6.31	− 3 38.9	2.120	3.024	9.5	19.6
4 1	10 1.81	− 2 51.6	2.191	3.025	12.3	19.7

213166 2000 SM 2 24.1 167.°19 0.°1/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.40	+ 7 18.6	2.943	3.758	9.5	21.7
2 1	10 41.46	+ 7 47.1	2.861	3.762	7.0	21.6
2 11	10 35.22	+ 8 23.2	2.806	3.765	4.1	21.4
2 21	10 28.16	+ 9 4.0	2.781	3.768	1.0	21.2
3 2	10 20.86	+ 9 45.7	2.787	3.771	2.1	21.3
3 12	10 13.98	+10 24.7	2.824	3.773	5.2	21.5
3 22	10 8.08	+10 57.9	2.889	3.775	7.9	21.6
4 1	10 3.59	+11 23.2	2.979	3.777	10.3	21.8

503622 2016 GS_{130} 2 24.1 353.°67 1.°2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.19	+ 4 50.9	1.649	2.481	14.9	21.3
2 1	10 43.68	+ 5 7.8	1.572	2.479	11.2	21.0
2 11	10 36.90	+ 5 40.4	1.518	2.477	6.9	20.8
2 21	10 28.60	+ 6 24.4	1.490	2.476	2.3	20.5
3 2	10 19.84	+ 7 13.9	1.490	2.475	3.2	20.6
3 12	10 11.81	+ 8 2.0	1.517	2.475	7.8	20.8
3 22	10 5.51	+ 8 42.7	1.569	2.475	12.1	21.1
4 1	10 1.64	+ 9 11.8	1.643	2.475	15.8	21.3

374610 2006 DD_{164} 2 24.1 83.°66 0.°7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.25	+ 5 54.8	1.953	2.777	13.3	21.0
2 1	10 44.05	+ 6 13.0	1.883	2.787	9.8	20.8
2 11	10 36.92	+ 6 43.2	1.838	2.796	5.9	20.6
2 21	10 28.57	+ 7 21.4	1.819	2.806	1.8	20.4
3 2	10 19.94	+ 8 2.7	1.831	2.815	2.8	20.5
3 12	10 12.01	+ 8 41.4	1.870	2.825	6.9	20.7
3 22	10 5.62	+ 9 13.3	1.936	2.834	10.6	21.0
4 1	10 1.33	+ 9 35.3	2.025	2.843	13.7	21.2

472682 2015 EA_{54} 2 24.1 311.°57 3.°4/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.05	− 0 24.5	1.864	2.671	14.5	20.5
2 1	10 42.80	− 0 32.8	1.764	2.652	11.4	20.3
2 11	10 36.42	− 0 24.0	1.688	2.632	7.8	20.0
2 21	10 28.51	+ 0 0.8	1.637	2.613	4.3	19.7
3 2	10 19.97	+ 0 38.4	1.613	2.594	3.9	19.7
3 12	10 11.90	+ 1 23.2	1.617	2.576	7.4	19.8
3 22	10 5.28	+ 2 9.1	1.647	2.557	11.3	20.0
4 1	10 0.86	+ 2 50.4	1.699	2.540	14.9	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
96000	2004 NU_{22}		2 24.1	255.°01	3.°4/26.3	18
	h m	° ′			°	m
1 22	10 52.55	+ 0 43.0	1.601	2.413	16.3	20.1
2 1	10 47.15	+ 0 33.1	1.508	2.399	12.7	19.8
2 11	10 39.12	+ 0 41.7	1.437	2.385	8.5	19.6
2 21	10 29.18	+ 1 7.4	1.392	2.371	4.4	19.3
3 2	10 18.46	+ 1 46.1	1.374	2.356	4.2	19.2
3 12	10 8.36	+ 2 31.4	1.384	2.341	8.4	19.4
3 22	10 0.09	+ 3 16.1	1.418	2.326	13.0	19.7
4 1	9 54.55	+ 3 54.2	1.475	2.311	17.1	19.9
27523	2000 HC_{31}		2 24.1	117.°98	0.°1/24.2	18
1 22	10 46.02	+ 6 0.8	2.424	3.243	11.1	18.7
2 1	10 41.40	+ 6 53.1	2.351	3.254	8.2	18.5
2 11	10 35.27	+ 7 56.4	2.305	3.265	4.8	18.3
2 21	10 28.18	+ 9 6.1	2.288	3.275	1.2	18.0
3 2	10 20.84	+10 16.9	2.302	3.286	2.5	18.2
3 12	10 14.04	+11 23.1	2.345	3.296	6.0	18.4
3 22	10 8.42	+12 20.3	2.417	3.305	9.2	18.6
4 1	10 4.46	+13 5.7	2.512	3.315	11.8	18.8
292865	2006 VR_3		2 24.1	328.°34	5.°7/18.1	18
1 22	10 49.67	+26 30.5	2.253	3.101	10.8	20.0
2 1	10 44.32	+27 28.4	2.189	3.099	8.3	19.8
2 11	10 37.08	+28 22.0	2.151	3.096	6.3	19.7
2 21	10 28.62	+29 4.5	2.140	3.094	5.8	19.7
3 2	10 19.86	+29 30.4	2.157	3.091	7.4	19.8
3 12	10 11.81	+29 36.6	2.202	3.089	9.8	19.9
3 22	10 5.25	+29 22.8	2.270	3.087	12.4	20.1
4 1	10 0.78	+28 51.0	2.358	3.085	14.6	20.2
5207	Hearnshaw		2 24.1	221.°97	1.°9/25.6	18
1 22	10 52.84	+ 3 24.5	2.165	2.969	12.9	18.3
2 1	10 46.69	+ 3 17.5	2.070	2.960	9.8	18.1
2 11	10 38.53	+ 3 22.2	2.000	2.951	6.3	17.8
2 21	10 28.99	+ 3 36.8	1.959	2.941	2.7	17.6
3 2	10 18.97	+ 3 58.0	1.947	2.930	3.0	17.6
3 12	10 9.46	+ 4 21.5	1.965	2.919	6.7	17.8
3 22	10 1.35	+ 4 43.2	2.011	2.908	10.3	18.0
4 1	9 55.32	+ 4 59.7	2.081	2.895	13.5	18.2
432982	2012 PT_{11}		2 24.1	214.°36	2.°1/25.9	17
1 22	10 48.69	+ 2 16.4	2.253	3.058	12.4	20.8
2 1	10 43.52	+ 2 17.1	2.166	3.055	9.5	20.6
2 11	10 36.60	+ 2 30.5	2.104	3.053	6.1	20.4
2 21	10 28.52	+ 2 54.4	2.070	3.051	2.8	20.2
3 2	10 20.07	+ 3 25.4	2.065	3.048	2.9	20.2
3 12	10 12.14	+ 3 58.9	2.089	3.045	6.2	20.4
3 22	10 5.50	+ 4 30.7	2.141	3.042	9.6	20.6
4 1	10 0.72	+ 4 57.0	2.217	3.040	12.6	20.8
27291	Greghansen		2 24.1	270.°09	3.°7/26.6	18
1 22	10 51.12	− 0 26.0	1.513	2.326	17.0	19.1
2 1	10 46.27	− 0 30.4	1.418	2.309	13.3	18.9
2 11	10 38.71	− 0 13.4	1.345	2.292	9.0	18.6
2 21	10 29.11	+ 0 23.8	1.296	2.274	4.8	18.3
3 2	10 18.66	+ 1 16.8	1.274	2.256	4.5	18.2
3 12	10 8.78	+ 2 17.9	1.279	2.238	8.8	18.4
3 22	10 0.76	+ 3 18.7	1.308	2.219	13.6	18.6
4 1	9 55.58	+ 4 11.8	1.358	2.201	17.9	18.8
164156	2003 YD_{142}		2 24.1	154.°16	2.°2/21.5	17
1 22	10 49.98	+16 35.5	2.912	3.744	9.2	20.6
2 1	10 44.04	+17 12.4	2.843	3.753	6.6	20.4
2 11	10 36.71	+17 51.2	2.801	3.762	3.9	20.3
2 21	10 28.53	+18 27.7	2.790	3.771	2.2	20.2
3 2	10 20.15	+18 58.1	2.809	3.778	3.7	20.3
3 12	10 12.29	+19 19.3	2.860	3.786	6.3	20.5
3 22	10 5.54	+19 29.6	2.938	3.792	8.8	20.6
4 1	10 0.35	+19 28.8	3.040	3.798	11.0	20.8
457744	2009 HG_{24}		2 24.1	239.°24	4.°8/19.7	18
1 22	10 50.63	+19 2.0	1.763	2.617	13.1	21.7
2 1	10 45.52	+20 22.6	1.689	2.609	9.6	21.5
2 11	10 38.03	+21 47.4	1.641	2.602	6.2	21.2
2 21	10 28.90	+23 7.3	1.620	2.594	4.8	21.1
3 2	10 19.24	+24 13.0	1.627	2.585	7.1	21.2
3 12	10 10.32	+24 58.1	1.661	2.577	10.7	21.4
3 22	10 3.17	+25 19.8	1.719	2.568	14.2	21.6
4 1	9 58.56	+25 18.8	1.796	2.559	17.3	21.8
387494	1995 SP_{58}		2 24.1	58.°84	2.°7/21.9	18
1 22	10 54.42	+17 50.6	2.033	2.873	12.2	21.2
2 1	10 47.57	+18 3.1	1.983	2.897	8.8	21.0
2 11	10 38.82	+18 16.1	1.958	2.920	5.3	20.8
2 21	10 29.02	+18 24.6	1.962	2.944	2.8	20.7
3 2	10 19.16	+18 24.7	1.996	2.968	4.6	20.9
3 12	10 10.26	+18 13.8	2.059	2.992	7.9	21.1
3 22	10 3.10	+17 51.4	2.148	3.016	11.0	21.3
4 1	9 58.16	+17 18.5	2.259	3.040	13.7	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
464898	2005 SA_{20}		2 24.1	127.°63	7.°1/17.4	18
	h m	° ′			°	m
1 22	10 57.76	+31 38.9	2.232	3.063	11.6	21.8
2 1	10 50.11	+32 39.1	2.187	3.079	9.2	21.7
2 11	10 40.36	+33 29.4	2.168	3.095	7.5	21.6
2 21	10 29.40	+34 2.6	2.177	3.109	7.2	21.6
3 2	10 18.33	+34 13.6	2.214	3.124	8.6	21.7
3 12	10 8.28	+34 1.2	2.278	3.137	10.7	21.8
3 22	10 0.12	+33 27.1	2.366	3.150	12.9	22.0
4 1	9 54.37	+32 35.1	2.474	3.162	14.9	22.2
10306	Pagnol		2 24.1	254.°84	2.°2/26.5	18
1 22	10 45.93	− 0 13.1	2.556	3.349	11.4	18.1
2 1	10 41.44	+ 0 9.7	2.452	3.333	8.8	17.9
2 11	10 35.39	+ 0 46.9	2.373	3.317	5.9	17.6
2 21	10 28.26	+ 1 36.4	2.322	3.300	3.0	17.4
3 2	10 20.73	+ 2 34.5	2.301	3.283	2.7	17.4
3 12	10 13.54	+ 3 36.3	2.310	3.266	5.6	17.5
3 22	10 7.39	+ 4 36.6	2.347	3.248	8.8	17.7
4 1	10 2.84	+ 5 31.0	2.409	3.231	11.7	17.9
503134	2015 FE_{390}		2 24.1	63.°85	0.°1/24.1	17
1 22	10 49.05	+ 8 26.1	2.154	2.981	12.1	21.1
2 1	10 43.76	+ 8 38.2	2.083	2.989	8.9	20.9
2 11	10 36.71	+ 8 58.8	2.037	2.998	5.2	20.7
2 21	10 28.56	+ 9 24.4	2.019	3.006	1.3	20.4
3 2	10 20.16	+ 9 50.7	2.031	3.015	2.7	20.5
3 12	10 12.40	+10 13.4	2.072	3.024	6.5	20.8
3 22	10 6.05	+10 29.4	2.140	3.032	10.0	21.0
4 1	10 1.63	+10 36.5	2.231	3.041	12.9	21.2
5376	1990 DD		2 24.1	63.°26	0.°5/24.3	18 A
1 22	10 58.13	+ 9 13.6	1.392	2.230	16.9	16.7
2 1	10 51.00	+ 8 54.6	1.338	2.249	12.4	16.4
2 11	10 41.13	+ 8 45.7	1.306	2.268	7.3	16.2
2 21	10 29.61	+ 8 43.0	1.301	2.288	1.9	15.9
3 2	10 17.91	+ 8 41.9	1.323	2.308	3.7	16.1
3 12	10 7.53	+ 8 38.0	1.372	2.328	8.8	16.4
3 22	9 59.57	+ 8 28.2	1.447	2.348	13.3	16.7
4 1	9 54.65	+ 8 10.8	1.542	2.367	16.9	17.0
10372	Moran		2 24.1	138.°35	3.°6/20.9	18
1 22	10 51.04	+17 24.9	1.840	2.689	12.8	17.5
2 1	10 45.58	+18 19.9	1.774	2.692	9.3	17.3
2 11	10 37.94	+19 18.4	1.732	2.695	5.7	17.1
2 21	10 28.88	+20 13.0	1.719	2.698	3.6	17.0
3 2	10 19.47	+20 56.7	1.734	2.701	5.7	17.1
3 12	10 10.86	+21 24.2	1.776	2.703	9.4	17.3
3 22	10 3.99	+21 33.6	1.843	2.705	12.8	17.5
4 1	9 59.49	+21 25.0	1.931	2.708	15.8	17.8
275091	2009 VO_{16}		2 24.1	207.°87	4.°3/20.7	18
1 22	10 55.39	+17 30.8	1.659	2.506	14.1	21.7
2 1	10 49.14	+18 39.2	1.583	2.501	10.4	21.4
2 11	10 40.22	+19 52.9	1.532	2.494	6.4	21.2
2 21	10 29.47	+21 2.8	1.509	2.487	4.3	21.1
3 2	10 18.11	+21 59.7	1.514	2.479	6.7	21.2
3 12	10 7.59	+22 36.7	1.547	2.471	10.7	21.4
3 22	9 59.09	+22 51.3	1.603	2.461	14.7	21.6
4 1	9 53.41	+22 44.3	1.680	2.451	18.0	21.8
190437	1999 XS_{182}		2 24.1	58.°14	6.°9/29.9	18
1 22	10 50.02	− 9 38.7	1.933	2.687	15.9	19.4
2 1	10 44.74	−10 24.6	1.857	2.697	13.2	19.3
2 11	10 37.43	−10 48.6	1.803	2.706	10.3	19.1
2 21	10 28.77	−10 49.6	1.774	2.716	7.9	19.0
3 2	10 19.71	−10 28.9	1.771	2.725	7.0	18.9
3 12	10 11.32	− 9 51.1	1.795	2.735	8.3	19.0
3 22	10 4.49	− 9 2.6	1.845	2.745	10.9	19.2
4 1	9 59.84	− 8 10.5	1.918	2.755	13.6	19.4
288401	2004 DO_4		2 24.1	125.°94	0.°1/24.1	17
1 22	10 53.98	+10 6.1	2.274	3.094	11.8	20.6
2 1	10 47.30	+ 9 53.0	2.194	3.097	8.7	20.4
2 11	10 38.77	+ 9 45.5	2.140	3.100	5.1	20.1
2 21	10 29.07	+ 9 40.9	2.115	3.102	1.2	19.9
3 2	10 19.08	+ 9 36.2	2.121	3.105	2.7	20.0
3 12	10 9.74	+ 9 28.8	2.157	3.107	6.5	20.2
3 22	10 1.86	+ 9 16.6	2.222	3.109	9.9	20.4
4 1	9 55.99	+ 8 58.4	2.310	3.112	12.8	20.6
472599	2015 DB_{138}		2 24.1	294.°65	4.°9/18.1	16
1 22	10 46.14	+21 21.5	2.249	3.102	10.7	20.9
2 1	10 41.96	+22 54.2	2.161	3.079	8.0	20.7
2 11	10 35.86	+24 30.2	2.100	3.055	5.6	20.5
2 21	10 28.42	+26 1.4	2.067	3.032	5.0	20.4
3 2	10 20.43	+27 20.2	2.064	3.008	6.9	20.5
3 12	10 12.85	+28 20.2	2.088	2.984	9.8	20.6
3 22	10 6.57	+28 58.6	2.136	2.961	12.8	20.8
4 1	10 2.25	+29 15.0	2.205	2.937	15.4	20.9

497337 2005 UT_{23} 2 24.1 230.°76 0.°5/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.23	+ 6 3.8	2.359	3.173	11.6	22.9
2 1	10 44.70	+ 6 30.8	2.260	3.158	8.7	22.7
2 11	10 37.36	+ 7 8.9	2.186	3.143	5.2	22.4
2 21	10 28.76	+ 7 54.7	2.141	3.128	1.5	22.1
3 2	10 19.69	+ 8 43.6	2.127	3.111	2.6	22.2
3 12	10 11.04	+ 9 30.5	2.143	3.094	6.4	22.4
3 22	10 3.60	+10 11.0	2.187	3.076	9.9	22.6
4 1	9 58.02	+10 41.8	2.255	3.057	13.0	22.8

466519 2014 QP_{368} 2 24.1 61.°89 5.°2/19.6 18

1 22	10 50.38	+19 38.2	1.577	2.438	14.0	20.8
2 1	10 45.28	+21 2.5	1.531	2.454	10.2	20.6
2 11	10 37.80	+22 28.1	1.509	2.470	6.7	20.5
2 21	10 28.85	+23 44.9	1.514	2.486	5.2	20.4
3 2	10 19.66	+24 44.0	1.546	2.503	7.5	20.6
3 12	10 11.52	+25 20.0	1.604	2.520	11.0	20.8
3 22	10 5.38	+25 31.8	1.684	2.537	14.3	21.1
4 1	10 1.86	+25 21.2	1.784	2.554	17.2	21.3

81672 2000 HY_{103} 2 24.1 294.°48 2.°1/26.2 18

1 22	10 45.87	− 0 42.3	1.737	2.549	15.2	18.6
2 1	10 41.96	+ 0 13.9	1.653	2.546	11.6	18.3
2 11	10 35.93	+ 1 33.6	1.591	2.542	7.5	18.1
2 21	10 28.45	+ 3 12.0	1.557	2.539	3.3	17.8
3 2	10 20.48	+ 5 1.4	1.550	2.535	3.2	17.8
3 12	10 13.12	+ 6 51.7	1.573	2.532	7.4	18.0
3 22	10 7.33	+ 8 33.6	1.621	2.529	11.7	18.3
4 1	10 3.80	+10 0.2	1.693	2.525	15.4	18.5

399356 2000 WG_{12} 2 24.1 125.°79 1.°3/25.3 18

1 22	10 53.12	+ 3 12.5	2.132	2.935	13.1	22.0
2 1	10 46.66	+ 3 40.7	2.066	2.957	9.8	21.9
2 11	10 38.38	+ 4 22.2	2.026	2.978	6.0	21.7
2 21	10 28.99	+ 5 13.2	2.015	2.999	2.2	21.5
3 2	10 19.40	+ 6 8.4	2.034	3.018	2.7	21.5
3 12	10 10.55	+ 7 2.0	2.083	3.037	6.4	21.8
3 22	10 3.22	+ 7 49.5	2.161	3.054	9.9	22.0
4 1	9 57.94	+ 8 27.2	2.263	3.070	12.8	22.3

82213 2001 HK_{49} 2 24.1 208.°72 0.°2/24.2 18

1 22	10 54.21	+ 7 24.8	1.710	2.537	14.7	19.7
2 1	10 48.15	+ 7 47.7	1.626	2.532	10.9	19.5
2 11	10 39.61	+ 8 23.5	1.566	2.526	6.5	19.2
2 21	10 29.35	+ 9 7.6	1.533	2.520	1.6	18.8
3 2	10 18.51	+ 9 53.8	1.528	2.512	3.4	19.0
3 12	10 8.39	+10 35.3	1.553	2.504	8.3	19.2
3 22	10 0.09	+11 7.0	1.603	2.496	12.7	19.5
4 1	9 54.40	+11 25.8	1.674	2.486	16.4	19.7

247730 2003 GK_{51} 2 24.1 268.°42 4.°4/18.9 18

1 22	10 47.26	+22 11.1	2.470	3.318	10.0	20.3
2 1	10 42.51	+23 16.6	2.393	3.307	7.5	20.1
2 11	10 36.06	+24 22.1	2.342	3.297	5.2	20.0
2 21	10 28.47	+25 21.5	2.320	3.286	4.4	19.9
3 2	10 20.51	+26 8.9	2.327	3.275	6.0	20.0
3 12	10 13.06	+26 40.3	2.362	3.264	8.7	20.1
3 22	10 6.84	+26 54.0	2.423	3.252	11.3	20.3
4 1	10 2.44	+26 50.2	2.504	3.241	13.6	20.4

498518 2008 ER_{19} 2 24.1 31.°21 3.°2/21.3 17

1 22	10 51.54	+19 48.4	2.293	3.135	10.9	20.8
2 1	10 45.52	+20 6.6	2.225	3.139	8.0	20.6
2 11	10 37.73	+20 24.1	2.183	3.143	5.0	20.4
2 21	10 28.85	+20 36.3	2.170	3.148	3.2	20.3
3 2	10 19.75	+20 39.1	2.187	3.153	4.8	20.4
3 12	10 11.37	+20 29.8	2.232	3.158	7.8	20.6
3 22	10 4.46	+20 8.0	2.304	3.163	10.7	20.8
4 1	9 59.53	+19 34.2	2.398	3.169	13.3	21.0

172812 2004 GG_{38} 2 24.1 289.°28 4.°2/28.4 18

1 22	10 46.08	− 5 13.9	2.293	3.067	13.1	20.1
2 1	10 41.67	− 5 17.8	2.201	3.062	10.6	19.9
2 11	10 35.59	− 5 4.1	2.132	3.057	7.7	19.7
2 21	10 28.37	− 4 33.5	2.089	3.052	5.1	19.5
3 2	10 20.76	− 3 48.7	2.075	3.047	4.4	19.5
3 12	10 13.60	− 2 54.8	2.089	3.042	6.4	19.6
3 22	10 7.64	− 1 57.1	2.131	3.037	9.3	19.8
4 1	10 3.45	− 1 1.3	2.197	3.033	12.2	19.9

87997 2000 UG_{24} 2 24.1 116.°27 0.°8/24.8 18

1 22	10 48.33	+ 4 31.4	2.056	2.875	12.9	19.7
2 1	10 43.34	+ 5 9.5	1.985	2.885	9.6	19.5
2 11	10 36.54	+ 6 1.1	1.939	2.896	5.8	19.3
2 21	10 28.58	+ 7 1.7	1.920	2.906	1.8	19.1
3 2	10 20.33	+ 8 5.7	1.931	2.916	2.7	19.1
3 12	10 12.74	+ 9 6.6	1.972	2.926	6.6	19.4
3 22	10 6.57	+ 9 59.5	2.039	2.935	10.2	19.6
4 1	10 2.39	+10 40.7	2.130	2.944	13.3	19.9

408742 2014 OF_{112} 2 24.1 184.°03 0.°5/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.02	+ 9 51.2	2.356	3.173	11.5	21.9
2 1	10 47.35	+10 13.2	2.271	3.174	8.4	21.7
2 11	10 38.85	+10 42.4	2.214	3.174	4.9	21.4
2 21	10 29.14	+11 15.1	2.186	3.173	1.1	21.2
3 2	10 19.08	+11 46.7	2.189	3.171	2.9	21.3
3 12	10 9.61	+12 13.0	2.224	3.169	6.6	21.5
3 22	10 1.51	+12 31.0	2.286	3.165	10.0	21.7
4 1	9 55.37	+12 39.0	2.372	3.160	12.9	21.9

320634 2008 CF_{78} 2 24.1 256.°96 2.°4/21.4 17

1 22	10 46.97	+15 32.0	2.475	3.316	10.2	21.1
2 1	10 42.24	+16 20.0	2.391	3.307	7.4	20.9
2 11	10 35.87	+17 12.3	2.334	3.298	4.4	20.7
2 21	10 28.43	+18 3.9	2.306	3.289	2.4	20.6
3 2	10 20.64	+18 49.6	2.309	3.279	4.2	20.7
3 12	10 13.32	+19 25.0	2.340	3.270	7.2	20.8
3 22	10 7.18	+19 47.4	2.397	3.260	10.2	21.0
4 1	10 2.77	+19 55.7	2.478	3.251	12.8	21.2

118143 4124 $T\text{-}_3$ 2 24.1 185.°51 0.°7/23.4 18

1 22	10 47.44	+ 9 30.4	2.394	3.223	11.0	20.2
2 1	10 42.55	+10 11.4	2.314	3.223	8.0	20.0
2 11	10 36.04	+11 0.8	2.260	3.222	4.6	19.8
2 21	10 28.47	+11 54.3	2.234	3.222	1.1	19.6
3 2	10 20.58	+12 46.7	2.239	3.221	2.9	19.7
3 12	10 13.20	+13 33.2	2.274	3.220	6.5	19.9
3 22	10 7.03	+14 10.1	2.336	3.218	9.7	20.1
4 1	10 2.61	+14 35.3	2.421	3.216	12.4	20.3

496008 2007 XQ_{59} 2 24.1 93.°67 7.°7/ 3.6 18

1 22	10 51.56	−17 39.0	2.665	3.339	13.8	21.5
2 1	10 45.40	−18 35.1	2.592	3.361	12.0	21.4
2 11	10 37.64	−19 10.8	2.542	3.383	10.1	21.3
2 21	10 28.85	−19 24.4	2.516	3.405	8.5	21.2
3 2	10 19.79	−19 16.1	2.517	3.426	7.7	21.2
3 12	10 11.27	−18 48.8	2.546	3.447	8.1	21.3
3 22	10 3.96	−18 7.3	2.601	3.467	9.4	21.4
4 1	9 58.41	−17 17.5	2.680	3.487	11.1	21.5

308703 2006 FT_{39} 2 24.1 257.°27 1.°4/23.0 17

1 22	10 51.96	+10 51.7	1.680	2.521	14.3	21.6
2 1	10 46.66	+11 31.2	1.591	2.505	10.5	21.4
2 11	10 38.84	+12 22.2	1.525	2.490	6.1	21.1
2 21	10 29.21	+13 18.4	1.486	2.473	1.7	20.7
3 2	10 18.89	+14 12.3	1.476	2.457	4.3	20.9
3 12	10 9.20	+14 56.7	1.494	2.440	9.1	21.1
3 22	10 1.29	+15 26.5	1.536	2.423	13.5	21.3
4 1	9 56.00	+15 39.5	1.599	2.405	17.3	21.5

82319 2001 KD_{61} 2 24.1 233.°62 3.°8/21.0 18

1 22	10 52.51	+15 14.7	1.596	2.447	14.4	20.0
2 1	10 47.18	+16 31.5	1.516	2.436	10.5	19.7
2 11	10 39.18	+17 57.6	1.461	2.425	6.3	19.4
2 21	10 29.30	+19 23.7	1.433	2.414	3.8	19.2
3 2	10 18.73	+20 39.4	1.433	2.402	6.4	19.4
3 12	10 8.90	+21 36.4	1.460	2.389	10.8	19.6
3 22	10 1.02	+22 10.5	1.510	2.376	15.0	19.8
4 1	9 55.94	+22 21.0	1.581	2.363	18.5	20.0

247905 2003 UE_{338} 2 24.1 277.°58 2.°4/21.9 17

1 22	10 50.12	+15 4.7	2.004	2.848	12.2	21.0
2 1	10 44.79	+15 40.2	1.929	2.846	8.8	20.8
2 11	10 37.47	+16 20.3	1.880	2.844	5.2	20.6
2 21	10 28.83	+16 59.4	1.859	2.843	2.4	20.4
3 2	10 19.84	+17 31.9	1.867	2.841	4.5	20.5
3 12	10 11.53	+17 53.0	1.903	2.840	8.2	20.7
3 22	10 4.77	+18 0.4	1.964	2.838	11.6	20.9
4 1	10 0.17	+17 53.4	2.048	2.837	14.6	21.1

191574 2003 XF_{14} 2 24.1 100.°05 6.°1/26.3 17

1 22	11 5.93	+ 1 4.9	1.089	1.908	21.8	19.6
2 1	10 57.60	− 0 24.5	1.029	1.921	17.1	19.4
2 11	10 45.47	− 1 35.2	0.989	1.934	11.8	19.1
2 21	10 30.80	− 2 24.3	0.973	1.947	7.0	18.9
3 2	10 15.56	− 2 51.9	0.982	1.959	6.8	18.9
3 12	10 1.94	− 3 2.2	1.017	1.971	11.2	19.2
3 22	9 51.53	− 3 2.3	1.075	1.983	16.2	19.5
4 1	9 45.20	− 2 59.4	1.152	1.994	20.4	19.8

340689 2006 RY_{121} 2 24.1 207.°12 2.°3/21.6 17

1 22	10 49.15	+16 37.2	2.747	3.582	9.5	21.7
2 1	10 43.64	+17 11.7	2.665	3.577	6.9	21.5
2 11	10 36.62	+17 48.6	2.610	3.572	4.1	21.3
2 21	10 28.62	+18 23.6	2.585	3.566	2.3	21.2
3 2	10 20.33	+18 52.6	2.590	3.560	3.9	21.3
3 12	10 12.51	+19 12.0	2.626	3.554	6.7	21.5
3 22	10 5.82	+19 20.2	2.689	3.547	9.4	21.6
4 1	10 0.75	+19 16.6	2.775	3.540	11.8	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
459215	2012 DE_{83}		2 24.1	46.°99	0.°1/24.1	16
	h m	° ′			°	m
1 22	10 48.27	+ 5 15.4	1.294	2.141	17.3	21.2
2 1	10 43.94	+ 6 21.0	1.249	2.165	12.7	21.0
2 11	10 37.10	+ 7 45.6	1.226	2.190	7.4	20.8
2 21	10 28.74	+ 9 20.4	1.229	2.216	1.7	20.5
3 2	10 20.18	+10 54.2	1.257	2.242	3.8	20.7
3 12	10 12.79	+12 16.8	1.313	2.269	9.0	21.1
3 22	10 7.54	+13 21.1	1.391	2.295	13.5	21.4
4 1	10 5.02	+14 4.3	1.491	2.322	17.1	21.7
110018	2001 SA_{70}		2 24.1	118.°61	7.°8/16.7	18
1 22	10 53.81	+30 4.2	1.930	2.776	12.5	18.9
2 1	10 47.64	+31 29.6	1.884	2.786	9.9	18.7
2 11	10 39.16	+32 46.5	1.863	2.796	8.1	18.6
2 21	10 29.24	+33 45.8	1.868	2.805	7.9	18.7
3 2	10 19.06	+34 20.6	1.901	2.814	9.6	18.8
3 12	10 9.87	+34 28.3	1.959	2.823	12.0	18.9
3 22	10 2.63	+34 10.3	2.039	2.831	14.5	19.1
4 1	9 57.93	+33 30.1	2.138	2.839	16.6	19.3
172808	2004 GS_{26}		2 24.1	359.°36	4.°3/28.7	18
1 22	10 43.26	− 6 15.7	1.928	2.713	14.9	19.6
2 1	10 39.87	− 5 49.6	1.843	2.712	12.0	19.4
2 11	10 34.64	− 4 59.7	1.781	2.711	8.6	19.2
2 21	10 28.18	− 3 48.1	1.743	2.710	5.5	19.0
3 2	10 21.32	− 2 19.9	1.734	2.710	4.4	19.0
3 12	10 15.03	− 0 42.7	1.752	2.711	6.8	19.1
3 22	10 10.10	+ 0 55.0	1.797	2.712	10.2	19.3
4 1	10 7.14	+ 2 25.4	1.866	2.714	13.5	19.5
4460	Bihoro		2 24.1	152.°23	2.°2/26.0	18
1 22	10 54.25	+ 2 34.5	2.605	3.393	11.4	16.3
2 1	10 47.32	+ 2 11.0	2.521	3.400	8.7	16.2
2 11	10 38.75	+ 1 57.0	2.463	3.407	5.7	16.0
2 21	10 29.15	+ 1 51.3	2.435	3.414	2.8	15.8
3 2	10 19.26	+ 1 52.0	2.439	3.420	2.8	15.8
3 12	10 9.93	+ 1 56.3	2.474	3.425	5.6	16.0
3 22	10 1.84	+ 2 1.2	2.538	3.431	8.6	16.2
4 1	9 55.54	+ 2 4.3	2.628	3.435	11.3	16.4
64749	2001 XJ_{153}		2 24.1	328.°01	1.°0/23.2	18
1 22	10 46.10	+10 22.8	2.101	2.940	11.9	19.2
2 1	10 41.83	+10 59.3	2.018	2.932	8.7	19.0
2 11	10 35.74	+11 44.6	1.961	2.925	5.0	18.7
2 21	10 28.45	+12 34.2	1.931	2.918	1.3	18.4
3 2	10 20.77	+13 22.3	1.930	2.911	3.3	18.6
3 12	10 13.63	+14 3.6	1.958	2.905	7.2	18.8
3 22	10 7.82	+14 34.1	2.011	2.899	10.8	19.0
4 1	10 3.95	+14 51.6	2.087	2.893	13.8	19.2
148629	2001 RT_{151}		2 24.1	79.°82	8.°4/17.2	18
1 22	10 55.48	+30 37.3	1.716	2.565	13.6	19.8
2 1	10 49.04	+31 53.3	1.672	2.575	10.9	19.7
2 11	10 40.03	+32 59.1	1.652	2.586	8.8	19.6
2 21	10 29.45	+33 44.9	1.658	2.597	8.6	19.6
3 2	10 18.68	+34 3.9	1.691	2.608	10.3	19.7
3 12	10 9.10	+33 53.8	1.748	2.619	12.8	19.9
3 22	10 1.75	+33 17.2	1.826	2.630	15.5	20.1
4 1	9 57.23	+32 18.7	1.923	2.640	17.8	20.3
497381	2005 UU_{435}		2 24.1	302.°63	4.°3/19.0	17
1 22	10 46.97	+22 38.4	2.546	3.393	9.8	21.6
2 1	10 42.21	+23 38.1	2.478	3.392	7.3	21.5
2 11	10 35.85	+24 37.0	2.437	3.390	5.0	21.3
2 21	10 28.46	+25 29.0	2.424	3.389	4.3	21.3
3 2	10 20.80	+26 9.2	2.441	3.388	5.8	21.4
3 12	10 13.67	+26 33.9	2.486	3.387	8.3	21.5
3 22	10 7.77	+26 42.0	2.556	3.385	10.8	21.7
4 1	10 3.61	+26 33.8	2.647	3.384	12.9	21.8
94808	2001 XM_{167}		2 24.1	104.°27	0.°7/24.6	18
1 22	10 53.30	+ 5 23.1	1.610	2.436	15.5	20.4
2 1	10 47.30	+ 5 56.5	1.551	2.456	11.5	20.2
2 11	10 38.98	+ 6 45.2	1.516	2.475	6.8	20.0
2 21	10 29.22	+ 7 43.4	1.507	2.493	1.9	19.7
3 2	10 19.20	+ 8 44.0	1.527	2.512	3.3	19.8
3 12	10 10.17	+ 9 39.6	1.575	2.529	7.9	20.2
3 22	10 3.09	+10 24.5	1.649	2.546	12.1	20.4
4 1	9 58.58	+10 55.5	1.744	2.563	15.6	20.7
426254	2012 QP		2 24.1	339.°17	0.°4/24.4	17
1 22	10 51.35	+ 8 17.3	1.926	2.754	13.2	20.8
2 1	10 45.76	+ 8 14.3	1.846	2.752	9.8	20.6
2 11	10 38.08	+ 8 20.2	1.790	2.750	5.9	20.3
2 21	10 29.02	+ 8 32.0	1.761	2.748	1.6	20.0
3 2	10 19.56	+ 8 45.5	1.762	2.746	2.9	20.1
3 12	10 10.79	+ 8 56.6	1.791	2.745	7.2	20.4
3 22	10 3.59	+ 9 1.8	1.846	2.743	11.1	20.6
4 1	9 58.63	+ 8 59.0	1.925	2.742	14.4	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
135411	2001 UE_{16}		2 24.1	179.°17	2.°3/21.3	18
	h m	° ′			°	m
1 22	10 47.40	+16 8.6	2.782	3.619	9.4	20.2
2 1	10 42.35	+16 57.5	2.707	3.620	6.8	20.1
2 11	10 35.87	+17 49.4	2.659	3.621	4.0	19.9
2 21	10 28.47	+18 39.8	2.641	3.622	2.3	19.8
3 2	10 20.81	+19 24.0	2.653	3.621	3.9	19.9
3 12	10 13.61	+19 58.4	2.695	3.621	6.6	20.0
3 22	10 7.49	+20 20.7	2.764	3.620	9.2	20.2
4 1	10 2.93	+20 30.2	2.857	3.619	11.5	20.4
83543	2001 SM_{167}		2 24.1	34.°48	2.°7/26.8	18
1 22	10 44.81	− 1 4.1	1.831	2.640	14.6	18.5
2 1	10 40.95	− 0 34.0	1.765	2.654	11.2	18.3
2 11	10 35.23	+ 0 15.7	1.722	2.668	7.4	18.1
2 21	10 28.32	+ 1 21.2	1.704	2.683	3.7	18.0
3 2	10 21.15	+ 2 36.6	1.715	2.699	3.3	18.0
3 12	10 14.68	+ 3 54.1	1.754	2.715	6.7	18.2
3 22	10 9.69	+ 5 6.7	1.819	2.731	10.4	18.4
4 1	10 6.75	+ 6 8.9	1.908	2.748	13.6	18.7
118298	1998 SC_{131}		2 24.1	98.°69	2.°6/26.1	18
1 22	10 52.70	+ 0 32.2	1.515	2.329	16.9	20.0
2 1	10 46.99	+ 0 56.6	1.455	2.349	12.9	19.8
2 11	10 38.86	+ 1 42.1	1.417	2.368	8.3	19.6
2 21	10 29.21	+ 2 44.1	1.405	2.387	3.7	19.4
3 2	10 19.26	+ 3 55.3	1.421	2.406	3.6	19.4
3 12	10 10.33	+ 5 7.1	1.465	2.424	8.0	19.7
3 22	10 3.42	+ 6 11.6	1.534	2.441	12.2	20.0
4 1	9 59.18	+ 7 3.5	1.625	2.458	15.9	20.3
288634	2004 PR_{22}		2 24.1	149.°87	0.°8/24.9	18
1 22	10 53.24	+ 4 46.2	1.998	2.810	13.5	22.0
2 1	10 46.99	+ 5 17.3	1.925	2.822	10.0	21.8
2 11	10 38.72	+ 6 1.8	1.877	2.833	6.1	21.6
2 21	10 29.17	+ 6 55.3	1.858	2.844	1.9	21.3
3 2	10 19.31	+ 7 52.1	1.869	2.853	2.8	21.4
3 12	10 10.17	+ 8 46.0	1.909	2.862	6.9	21.7
3 22	10 2.61	+ 9 32.1	1.977	2.869	10.7	21.9
4 1	9 57.26	+10 6.9	2.068	2.876	13.9	22.2
169689	2002 JA_{141}		2 24.1	352.°92	4.°7/20.3	18
1 22	10 49.80	+17 14.8	1.424	2.287	15.0	19.8
2 1	10 45.29	+18 34.5	1.360	2.286	11.0	19.5
2 11	10 38.09	+20 0.8	1.320	2.285	6.8	19.3
2 21	10 29.07	+21 22.9	1.305	2.284	4.8	19.2
3 2	10 19.53	+22 30.3	1.317	2.283	7.4	19.3
3 12	10 10.94	+23 15.1	1.355	2.283	11.6	19.6
3 22	10 4.48	+23 34.3	1.414	2.283	15.6	19.8
4 1	10 0.92	+23 28.9	1.492	2.283	19.1	20.0
413003	1999 VK_{119}		2 24.1	200.°91	1.°1/23.2	16
1 22	10 52.32	+10 49.6	1.758	2.595	13.9	22.0
2 1	10 46.67	+11 20.3	1.680	2.594	10.2	21.8
2 11	10 38.71	+12 0.4	1.628	2.592	5.9	21.5
2 21	10 29.20	+12 44.5	1.602	2.589	1.6	21.2
3 2	10 19.23	+13 26.0	1.605	2.587	3.9	21.4
3 12	10 10.01	+13 58.9	1.637	2.584	8.4	21.6
3 22	10 2.56	+14 19.3	1.693	2.581	12.4	21.8
4 1	9 57.57	+14 25.5	1.772	2.577	15.9	22.1
128484	2004 PZ_9		2 24.1	296.°52	0.°7/24.6	17
1 22	10 48.87	+ 6 11.2	1.721	2.553	14.4	20.3
2 1	10 44.34	+ 6 29.9	1.628	2.536	10.8	20.1
2 11	10 37.47	+ 7 3.0	1.559	2.519	6.6	19.8
2 21	10 28.95	+ 7 46.5	1.515	2.502	1.9	19.4
3 2	10 19.77	+ 8 34.7	1.500	2.485	3.2	19.5
3 12	10 11.15	+ 9 20.7	1.512	2.468	8.0	19.7
3 22	10 4.15	+ 9 58.7	1.550	2.452	12.5	19.9
4 1	9 59.59	+10 24.6	1.609	2.436	16.3	20.1
46473	3066 T_{-1}		2 24.1	258.°78	1.°1/23.3	18
1 22	10 52.47	+10 42.5	1.821	2.657	13.6	19.7
2 1	10 46.91	+11 10.4	1.727	2.639	10.0	19.4
2 11	10 38.96	+11 48.2	1.658	2.621	5.9	19.2
2 21	10 29.31	+12 30.8	1.616	2.603	1.5	18.8
3 2	10 18.99	+13 11.8	1.603	2.584	3.9	18.9
3 12	10 9.23	+13 45.0	1.618	2.565	8.5	19.2
3 22	10 1.13	+14 6.3	1.659	2.545	12.7	19.4
4 1	9 55.48	+14 13.4	1.721	2.525	16.4	19.6
415703	1997 US_{24}		2 24.1	141.°62	1.°3/25.4	18
1 22	10 50.20	+ 3 5.3	2.231	3.036	12.5	21.8
2 1	10 44.60	+ 3 33.7	2.156	3.048	9.4	21.6
2 11	10 37.27	+ 4 15.3	2.107	3.060	5.8	21.4
2 21	10 28.84	+ 5 6.6	2.087	3.071	2.2	21.2
3 2	10 20.13	+ 6 2.7	2.097	3.081	2.6	21.2
3 12	10 12.04	+ 6 57.9	2.136	3.091	6.2	21.5
3 22	10 5.31	+ 7 47.4	2.204	3.100	9.6	21.7
4 1	10 0.48	+ 8 27.8	2.296	3.108	12.5	21.9

374137 2004 TH_{133} 2 24.1 184.°51 3.°4/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.08	+19 59.4	2.506	3.341	10.3	21.3
2 1	10 46.63	+20 37.0	2.431	3.341	7.6	21.1
2 11	10 38.43	+21 14.7	2.383	3.341	4.8	20.9
2 21	10 29.12	+21 47.1	2.365	3.340	3.4	20.8
3 2	10 19.53	+22 9.6	2.378	3.339	4.9	20.9
3 12	10 10.55	+22 19.0	2.420	3.336	7.7	21.1
3 22	10 2.93	+22 14.4	2.489	3.334	10.5	21.3
4 1	9 57.22	+21 56.1	2.581	3.331	12.9	21.4

187876 2000 QT_{104} 2 24.1 146.°19 0.°2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.19	+ 5 3.5	2.496	3.307	11.1	21.0
2 1	10 43.01	+ 6 2.3	2.421	3.319	8.2	20.8
2 11	10 36.29	+ 7 12.8	2.373	3.330	4.9	20.6
2 21	10 28.60	+ 8 30.4	2.354	3.341	1.3	20.4
3 2	10 20.66	+ 9 49.4	2.367	3.351	2.4	20.5
3 12	10 13.23	+11 4.1	2.411	3.360	5.9	20.7
3 22	10 6.99	+12 9.7	2.483	3.369	9.0	20.9
4 1	10 2.41	+13 3.2	2.580	3.377	11.7	21.1

282345 2002 YE_5 2 24.1 326.°11 18.°7/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.35	+55 15.0	1.427	2.223	18.7	19.0
2 1	10 51.06	+58 25.8	1.399	2.198	18.9	18.9
2 11	10 42.74	+61 2.5	1.389	2.174	19.8	18.9
2 21	10 30.40	+62 49.9	1.396	2.151	21.2	18.9
3 2	10 16.50	+63 38.5	1.418	2.129	22.9	19.0
3 12	10 4.34	+63 28.2	1.452	2.108	24.6	19.1
3 22	9 56.44	+62 26.2	1.494	2.088	26.2	19.2
4 1	9 53.95	+60 42.4	1.543	2.070	27.5	19.2

390652 2002 QS_{36} 2 24.1 196.°56 0.°1/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.04	+ 7 21.0	1.807	2.631	14.2	22.1
2 1	10 47.93	+ 7 58.0	1.723	2.628	10.5	21.8
2 11	10 39.48	+ 8 48.3	1.664	2.625	6.2	21.6
2 21	10 29.42	+ 9 46.7	1.633	2.620	1.5	21.3
3 2	10 18.82	+10 46.4	1.631	2.615	3.4	21.4
3 12	10 8.91	+11 40.3	1.658	2.608	8.0	21.6
3 22	10 0.72	+12 23.2	1.712	2.601	12.2	21.9
4 1	9 55.01	+12 51.8	1.788	2.593	15.8	22.1

268137 2004 TX_{151} 2 24.1 61.°18 1.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.22	+ 4 18.2	1.849	2.673	13.9	21.2
2 1	10 43.50	+ 4 42.5	1.777	2.679	10.4	21.0
2 11	10 36.78	+ 5 21.3	1.728	2.685	6.4	20.7
2 21	10 28.75	+ 6 10.8	1.705	2.691	2.2	20.5
3 2	10 20.37	+ 7 5.0	1.712	2.697	2.9	20.5
3 12	10 12.70	+ 7 57.6	1.747	2.703	7.1	20.8
3 22	10 6.57	+ 8 43.1	1.807	2.710	11.0	21.0
4 1	10 2.62	+ 9 17.6	1.891	2.716	14.3	21.3

125030 2001 TT_{191} 2 24.1 60.°48 1.°6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.60	+11 17.8	1.292	2.145	16.9	19.5
2 1	10 48.02	+11 48.8	1.238	2.159	12.3	19.3
2 11	10 39.61	+12 30.6	1.207	2.173	7.1	19.0
2 21	10 29.44	+13 15.8	1.200	2.187	2.0	18.7
3 2	10 18.96	+13 55.8	1.220	2.202	4.7	19.0
3 12	10 9.72	+14 23.8	1.266	2.217	9.9	19.3
3 22	10 2.88	+14 36.0	1.335	2.232	14.4	19.6
4 1	9 59.09	+14 31.6	1.423	2.247	18.2	19.9

58585 1997 SX_{11} 2 24.1 125.°10 0.°7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.40	+ 5 45.7	1.668	2.493	15.1	20.0
2 1	10 47.42	+ 6 8.0	1.601	2.505	11.2	19.8
2 11	10 39.11	+ 6 44.6	1.558	2.517	6.7	19.6
2 21	10 29.32	+ 7 30.6	1.541	2.528	2.0	19.3
3 2	10 19.17	+ 8 19.8	1.554	2.538	3.2	19.4
3 12	10 9.93	+ 9 5.3	1.594	2.549	7.8	19.7
3 22	10 2.56	+ 9 41.9	1.660	2.558	12.0	20.0
4 1	9 57.73	+10 6.4	1.748	2.567	15.5	20.2

28686 Tamsenprofit 2 24.1 324.°83 0.°9/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.38	+ 5 23.9	1.571	2.407	15.3	18.4
2 1	10 44.05	+ 5 46.9	1.491	2.401	11.5	18.2
2 11	10 37.31	+ 6 26.1	1.434	2.394	7.0	17.9
2 21	10 28.92	+ 7 17.2	1.402	2.388	2.1	17.6
3 2	10 19.97	+ 8 13.5	1.397	2.382	3.3	17.6
3 12	10 11.73	+ 9 7.3	1.419	2.377	8.3	17.9
3 22	10 5.29	+ 9 52.0	1.466	2.372	12.8	18.2
4 1	10 1.40	+10 23.4	1.534	2.367	16.6	18.4

320862 2008 FF_{126} 2 24.1 272.°00 2.°2/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.55	− 0 17.1	2.001	2.804	13.8	21.5
2 1	10 43.18	+ 0 25.0	1.892	2.779	10.7	21.3
2 11	10 36.75	+ 1 27.9	1.806	2.754	7.0	21.0
2 21	10 28.80	+ 2 48.6	1.747	2.728	3.2	20.7
3 2	10 20.17	+ 4 21.4	1.718	2.702	3.1	20.6
3 12	10 11.89	+ 5 58.3	1.718	2.676	7.1	20.8
3 22	10 4.93	+ 7 31.1	1.745	2.648	11.2	21.0
4 1	10 0.06	+ 8 52.8	1.796	2.621	14.9	21.2

262413 2006 UQ_{44} 2 24.1 47.°71 3.°0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.75	+14 42.0	1.531	2.386	14.6	20.8
2 1	10 45.69	+15 32.2	1.472	2.394	10.6	20.6
2 11	10 38.17	+16 29.2	1.437	2.402	6.2	20.4
2 21	10 29.10	+17 24.9	1.427	2.411	3.0	20.2
3 2	10 19.68	+18 11.2	1.445	2.420	5.5	20.4
3 12	10 11.24	+18 41.9	1.489	2.429	9.8	20.6
3 22	10 4.80	+18 54.2	1.557	2.438	13.7	20.9
4 1	10 1.03	+18 48.0	1.646	2.448	17.1	21.1

376849 2001 RM_{66} 2 24.1 115.°86 1.°9/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.35	+ 1 3.2	2.581	3.377	11.3	21.0
2 1	10 42.33	+ 1 18.6	2.507	3.390	8.6	20.8
2 11	10 35.87	+ 1 46.3	2.458	3.404	5.6	20.7
2 21	10 28.51	+ 2 23.9	2.437	3.417	2.7	20.5
3 2	10 20.94	+ 3 7.6	2.447	3.430	2.5	20.5
3 12	10 13.88	+ 3 53.2	2.486	3.442	5.3	20.7
3 22	10 7.94	+ 4 36.4	2.554	3.454	8.3	20.9
4 1	10 3.60	+ 5 13.9	2.647	3.466	10.9	21.1

255100 2005 UQ_{65} 2 24.1 45.°48 12.°0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.40	−20 18.3	1.793	2.482	19.2	19.5
2 1	10 46.93	−21 55.6	1.717	2.488	17.1	19.4
2 11	10 39.01	−23 4.8	1.660	2.493	14.9	19.2
2 21	10 29.34	−23 40.5	1.623	2.499	13.0	19.1
3 2	10 19.03	−23 40.4	1.609	2.506	12.1	19.1
3 12	10 9.37	−23 7.5	1.619	2.512	12.4	19.1
3 22	10 1.48	−22 9.0	1.651	2.518	13.8	19.2
4 1	9 56.17	−20 54.8	1.705	2.525	15.8	19.3

283012 2007 VQ_{38} 2 24.1 125.°33 4.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.74	− 7 9.9	2.408	3.166	13.1	20.4
2 1	10 42.80	− 7 27.3	2.323	3.171	10.6	20.2
2 11	10 36.24	− 7 27.2	2.261	3.175	8.0	20.0
2 21	10 28.62	− 7 10.2	2.226	3.179	5.6	19.9
3 2	10 20.67	− 6 38.1	2.218	3.183	4.9	19.9
3 12	10 13.21	− 5 55.2	2.240	3.187	6.4	20.0
3 22	10 6.94	− 5 6.5	2.289	3.191	9.0	20.1
4 1	10 2.39	− 4 17.4	2.363	3.195	11.6	20.3

191958 2005 UY_{228} 2 24.1 231.°30 0.°2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.01	+ 7 10.2	1.591	2.426	15.3	21.0
2 1	10 46.77	+ 7 49.4	1.507	2.417	11.3	20.7
2 11	10 38.96	+ 8 44.2	1.446	2.408	6.7	20.4
2 21	10 29.34	+ 9 49.2	1.411	2.399	1.6	20.1
3 2	10 19.06	+10 56.3	1.405	2.389	3.7	20.2
3 12	10 9.48	+11 57.3	1.426	2.379	8.8	20.5
3 22	10 1.76	+12 45.6	1.472	2.368	13.4	20.7
4 1	9 56.75	+13 17.5	1.539	2.357	17.4	20.9

277560 2005 YT_{126} 2 24.1 224.°06 0.°6/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.87	+ 6 25.3	1.961	2.785	13.2	21.6
2 1	10 44.67	+ 6 40.0	1.880	2.784	9.8	21.3
2 11	10 37.47	+ 7 6.4	1.823	2.782	5.9	21.1
2 21	10 28.94	+ 7 40.8	1.794	2.780	1.7	20.8
3 2	10 19.99	+ 8 18.3	1.793	2.778	2.9	20.9
3 12	10 11.68	+ 8 53.5	1.822	2.776	7.0	21.1
3 22	10 4.87	+ 9 22.1	1.876	2.774	10.9	21.4
4 1	10 0.20	+ 9 40.8	1.954	2.772	14.2	21.6

519857 2013 NF_{28} 2 24.1 186.°24 0.°7/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.85	+ 5 47.1	2.210	3.024	12.3	22.4
2 1	10 45.19	+ 6 6.8	2.126	3.024	9.1	22.2
2 11	10 37.70	+ 6 37.7	2.067	3.024	5.5	21.9
2 21	10 28.99	+ 7 16.3	2.037	3.023	1.7	21.7
3 2	10 19.91	+ 7 57.9	2.036	3.021	2.6	21.7
3 12	10 11.38	+ 8 37.7	2.066	3.019	6.5	22.0
3 22	10 4.22	+ 9 11.4	2.123	3.016	10.0	22.2
4 1	9 59.02	+ 9 36.0	2.204	3.013	13.1	22.4

341594 2007 UP_{98} 2 24.1 34.°05 1.°0/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.36	+10 28.6	1.921	2.762	12.7	20.6
2 1	10 42.78	+11 2.5	1.856	2.771	9.2	20.4
2 11	10 36.31	+11 45.0	1.816	2.781	5.3	20.2
2 21	10 28.65	+12 31.0	1.803	2.791	1.4	19.9
3 2	10 20.71	+13 14.7	1.819	2.801	3.5	20.1
3 12	10 13.49	+13 50.6	1.863	2.811	7.4	20.3
3 22	10 7.79	+14 15.2	1.932	2.822	11.0	20.6
4 1	10 4.16	+14 26.7	2.024	2.834	14.0	20.8

373297 2012 HX_{67} 2 24.1 247.°50 1.°8/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.02	+ 1 47.9	2.105	2.912	13.0	21.2
2 1	10 43.32	+ 2 13.9	2.009	2.900	10.0	21.0
2 11	10 36.71	+ 2 55.8	1.937	2.888	6.4	20.7
2 21	10 28.77	+ 3 50.6	1.893	2.876	2.7	20.5
3 2	10 20.34	+ 4 53.4	1.878	2.863	2.8	20.4
3 12	10 12.38	+ 5 57.9	1.893	2.850	6.6	20.7
3 22	10 5.72	+ 6 58.3	1.934	2.836	10.4	20.9
4 1	10 1.04	+ 7 49.5	2.000	2.822	13.7	21.0

110714 2001 TQ_{229} 2 24.1 83.°97 3.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.92	+13 2.6	1.768	2.616	13.3	19.0
2 1	10 44.05	+14 44.8	1.717	2.636	9.5	18.8
2 11	10 37.09	+16 35.3	1.691	2.656	5.5	18.6
2 21	10 28.84	+18 24.7	1.693	2.676	3.0	18.5
3 2	10 20.33	+20 3.1	1.725	2.695	5.4	18.7
3 12	10 12.66	+21 22.9	1.786	2.714	9.2	18.9
3 22	10 6.70	+22 20.5	1.871	2.733	12.7	19.2
4 1	10 3.02	+22 55.3	1.977	2.752	15.5	19.4

502267 2015 BF_{124} 2 24.1 233.°33 0.°3/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.10	+ 7 5.7	2.117	2.941	12.4	22.0
2 1	10 44.02	+ 7 26.6	2.032	2.936	9.2	21.8
2 11	10 37.07	+ 7 58.2	1.972	2.932	5.5	21.6
2 21	10 28.86	+ 8 36.8	1.940	2.927	1.4	21.3
3 2	10 20.25	+ 9 17.6	1.937	2.922	2.8	21.4
3 12	10 12.19	+ 9 55.3	1.964	2.917	6.8	21.6
3 22	10 5.51	+10 25.8	2.017	2.911	10.4	21.8
4 1	10 0.82	+10 46.2	2.094	2.906	13.6	22.0

63685 2001 QT_{152} 2 24.1 3.°94 0.°7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.62	+ 6 45.1	1.625	2.459	15.0	19.5
2 1	10 45.56	+ 6 54.1	1.550	2.459	11.2	19.3
2 11	10 38.15	+ 7 16.3	1.498	2.459	6.7	19.0
2 21	10 29.15	+ 7 47.6	1.473	2.459	1.9	18.7
3 2	10 19.69	+ 8 22.3	1.475	2.460	3.3	18.8
3 12	10 11.02	+ 8 54.2	1.504	2.461	8.0	19.1
3 22	10 4.18	+ 9 18.4	1.558	2.462	12.3	19.4
4 1	9 59.86	+ 9 31.7	1.634	2.463	16.0	19.6

175272 2005 JP_{157} 2 24.1 199.°21 0.°3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.46	+ 9 0.9	2.785	3.605	9.8	21.3
2 1	10 42.43	+ 9 30.9	2.698	3.602	7.2	21.2
2 11	10 35.97	+10 8.1	2.637	3.598	4.2	21.0
2 21	10 28.59	+10 49.2	2.607	3.594	1.0	20.7
3 2	10 20.92	+11 30.2	2.607	3.590	2.4	20.8
3 12	10 13.66	+12 7.2	2.638	3.585	5.6	21.0
3 22	10 7.43	+12 37.1	2.697	3.580	8.5	21.2
4 1	10 2.72	+12 57.8	2.780	3.574	11.0	21.4

301750 2010 HM_{105} 2 24.1 198.°15 0.°7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.82	+ 9 46.4	3.186	4.007	8.7	21.8
2 1	10 41.11	+10 33.5	3.097	4.003	6.3	21.7
2 11	10 35.15	+11 27.3	3.036	3.998	3.6	21.5
2 21	10 28.39	+12 24.0	3.006	3.993	0.9	21.2
3 2	10 21.37	+13 19.9	3.007	3.988	2.4	21.4
3 12	10 14.68	+14 10.9	3.040	3.981	5.2	21.5
3 22	10 8.87	+14 54.1	3.100	3.975	7.8	21.7
4 1	10 4.35	+15 27.4	3.187	3.968	10.1	21.9

430268 2013 WY_{42} 2 24.1 155.°57 5.°1/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.92	+24 2.6	2.302	3.148	10.7	21.3
2 1	10 44.53	+25 9.2	2.240	3.152	8.0	21.1
2 11	10 37.30	+26 13.4	2.204	3.154	5.8	21.0
2 21	10 28.92	+27 8.6	2.197	3.157	5.1	20.9
3 2	10 20.24	+27 49.0	2.219	3.160	6.7	21.0
3 12	10 12.23	+28 10.8	2.268	3.162	9.3	21.2
3 22	10 5.66	+28 13.4	2.341	3.164	11.9	21.4
4 1	10 1.09	+27 57.9	2.436	3.166	14.1	21.5

82537 2001 OS_{64} 2 24.1 44.°09 1.°6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.97	+ 6 5.1	1.484	2.316	16.3	18.5
2 1	10 48.05	+ 5 45.8	1.420	2.326	12.2	18.2
2 11	10 39.58	+ 5 39.5	1.379	2.337	7.5	18.0
2 21	10 29.49	+ 5 43.3	1.363	2.349	2.7	17.7
3 2	10 19.05	+ 5 52.8	1.375	2.360	3.5	17.8
3 12	10 9.63	+ 6 3.0	1.414	2.373	8.2	18.1
3 22	10 2.32	+ 6 9.3	1.478	2.385	12.6	18.4
4 1	9 57.79	+ 6 8.7	1.563	2.398	16.3	18.6

68708 2002 CC_{242} 2 24.1 196.°78 1.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.36	+ 4 4.1	1.959	2.773	13.6	20.3
2 1	10 45.83	+ 4 33.1	1.873	2.770	10.2	20.0
2 11	10 38.21	+ 5 16.8	1.812	2.767	6.3	19.8
2 21	10 29.17	+ 6 11.5	1.778	2.764	2.1	19.5
3 2	10 19.66	+ 7 11.4	1.774	2.759	2.9	19.5
3 12	10 10.75	+ 8 10.0	1.799	2.754	7.1	19.8
3 22	10 3.35	+ 9 1.5	1.852	2.748	11.1	20.0
4 1	9 58.16	+ 9 41.9	1.927	2.742	14.5	20.2

42790 1998 XS_{93} 2 24.1 156.°96 6.°7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.12	−12 36.0	2.122	2.853	15.4	18.0
2 1	10 44.06	−12 47.7	2.037	2.859	12.9	17.8
2 11	10 37.11	−12 35.4	1.973	2.864	10.2	17.6
2 21	10 28.89	−11 58.7	1.933	2.869	7.8	17.5
3 2	10 20.28	−10 59.8	1.921	2.873	6.7	17.4
3 12	10 12.23	− 9 44.3	1.937	2.877	7.8	17.5
3 22	10 5.57	− 8 19.6	1.979	2.880	10.2	17.6
4 1	10 0.92	− 6 53.6	2.046	2.883	12.9	17.8

457179 2008 GX_{110} 2 24.1 229.°74 13.°3/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.92	+52 23.4	2.198	2.969	13.7	21.0
2 1	10 54.00	+54 41.0	2.168	2.960	13.3	20.9
2 11	10 43.54	+56 35.1	2.161	2.949	13.5	20.9
2 21	10 30.53	+57 55.4	2.175	2.939	14.3	20.9
3 2	10 16.67	+58 35.6	2.209	2.928	15.4	21.0
3 12	10 3.96	+58 35.3	2.261	2.916	16.7	21.1
3 22	9 54.02	+57 59.1	2.328	2.904	18.0	21.2
4 1	9 47.82	+56 53.7	2.405	2.891	19.1	21.3

166955 2003 MO_4 2 24.1 204.°41 1.°8/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.53	+ 1 59.2	2.124	2.926	13.1	21.7
2 1	10 45.85	+ 2 22.9	2.032	2.920	10.0	21.5
2 11	10 38.19	+ 3 1.8	1.964	2.914	6.4	21.3
2 21	10 29.18	+ 3 52.9	1.924	2.907	2.7	21.0
3 2	10 19.68	+ 4 51.5	1.915	2.899	2.9	21.0
3 12	10 10.69	+ 5 51.3	1.935	2.890	6.7	21.2
3 22	10 3.09	+ 6 46.8	1.983	2.880	10.4	21.4
4 1	9 57.55	+ 7 33.4	2.055	2.869	13.7	21.6

499997 2011 OO_{56} 2 24.1 151.°50 1.°5/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.40	+ 4 10.7	2.692	3.492	10.7	21.2
2 1	10 44.54	+ 4 2.5	2.609	3.497	8.1	21.1
2 11	10 37.20	+ 4 3.1	2.552	3.502	5.1	20.9
2 21	10 28.90	+ 4 10.8	2.524	3.506	2.2	20.7
3 2	10 20.35	+ 4 22.9	2.527	3.511	2.4	20.7
3 12	10 12.29	+ 4 36.5	2.561	3.515	5.3	20.9
3 22	10 5.35	+ 4 48.7	2.624	3.518	8.3	21.1
4 1	10 0.03	+ 4 56.9	2.711	3.522	10.9	21.3

264667 2001 XL_{147} 2 24.1 101.°76 6.°9/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.54	+27 7.1	1.958	2.807	12.2	20.9
2 1	10 46.65	+28 44.7	1.918	2.826	9.4	20.8
2 11	10 38.61	+30 16.1	1.903	2.844	7.3	20.7
2 21	10 29.25	+31 32.1	1.916	2.862	7.1	20.7
3 2	10 19.67	+32 25.7	1.957	2.879	8.8	20.9
3 12	10 11.02	+32 53.3	2.024	2.896	11.3	21.0
3 22	10 4.20	+32 55.7	2.114	2.913	13.8	21.2
4 1	9 59.77	+32 35.8	2.222	2.929	15.9	21.4

146201 2000 UX_{18} 2 24.1 167.°92 5.°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.57	−11 31.2	3.090	3.808	11.3	20.9
2 1	10 41.68	−11 44.4	2.998	3.812	9.4	20.7
2 11	10 35.51	−11 41.7	2.929	3.815	7.4	20.6
2 21	10 28.51	−11 22.9	2.887	3.818	5.7	20.5
3 2	10 21.23	−10 49.7	2.873	3.821	5.0	20.4
3 12	10 14.31	−10 5.0	2.889	3.823	5.8	20.5
3 22	10 8.31	− 9 13.1	2.932	3.825	7.6	20.6
4 1	10 3.66	− 8 18.6	3.002	3.826	9.6	20.7

457758 2009 HV_{95} 2 24.1 295.°05 0.°5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.20	+ 6 10.8	1.526	2.365	15.6	21.4
2 1	10 44.91	+ 6 38.1	1.434	2.346	11.7	21.1
2 11	10 38.02	+ 7 22.4	1.365	2.327	7.1	20.8
2 21	10 29.22	+ 8 19.1	1.321	2.308	1.9	20.5
3 2	10 19.63	+ 9 21.2	1.304	2.289	3.6	20.5
3 12	10 10.63	+10 20.0	1.314	2.271	8.9	20.8
3 22	10 3.45	+11 8.4	1.348	2.252	13.8	21.0
4 1	9 59.00	+11 41.5	1.402	2.234	18.0	21.2

14968 Kubáček 2 24.1 57.°09 0.°3/23.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.39	+ 6 53.2	1.583	2.422	15.1	17.8
2 1	10 43.92	+ 7 44.5	1.518	2.431	11.0	17.5
2 11	10 37.17	+ 8 51.2	1.477	2.441	6.4	17.3
2 21	10 28.94	+10 6.6	1.463	2.450	1.5	17.0
3 2	10 20.36	+11 22.3	1.476	2.460	3.6	17.1
3 12	10 12.62	+12 29.9	1.516	2.470	8.3	17.4
3 22	10 6.68	+13 23.5	1.582	2.480	12.5	17.7
4 1	10 3.21	+13 59.8	1.668	2.490	16.1	18.0

27917 Edoardo 2 24.1 84.°51 0.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.19	+ 6 26.8	2.308	3.128	11.6	19.3
2 1	10 43.05	+ 7 1.7	2.248	3.151	8.5	19.1
2 11	10 36.35	+ 7 46.5	2.214	3.173	5.0	19.0
2 21	10 28.71	+ 8 37.2	2.208	3.195	1.3	18.7
3 2	10 20.90	+ 9 28.7	2.233	3.217	2.5	18.9
3 12	10 13.74	+10 16.2	2.287	3.239	6.0	19.1
3 22	10 7.87	+10 55.8	2.369	3.260	9.2	19.4
4 1	10 3.77	+11 25.1	2.474	3.281	11.9	19.6

147243 2002 XV_{70} 2 24.1 107.°77 0.°8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.95	+ 5 13.4	1.938	2.756	13.6	20.4
2 1	10 46.06	+ 5 37.7	1.875	2.775	10.1	20.2
2 11	10 38.22	+ 6 14.6	1.836	2.793	6.1	20.0
2 21	10 29.17	+ 6 59.9	1.825	2.811	1.9	19.8
3 2	10 19.90	+ 7 48.2	1.844	2.829	2.8	19.9
3 12	10 11.41	+ 8 33.5	1.892	2.846	6.9	20.2
3 22	10 4.54	+ 9 11.4	1.966	2.862	10.5	20.4
4 1	9 59.84	+ 9 38.7	2.064	2.878	13.7	20.7

397804 2008 QV_{46} 2 24.1 138.°95 3.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.14	− 1 34.2	1.669	2.470	16.2	21.7
2 1	10 46.59	− 1 17.2	1.596	2.480	12.6	21.4
2 11	10 38.72	− 0 38.8	1.546	2.490	8.4	21.2
2 21	10 29.33	+ 0 18.1	1.521	2.499	4.4	21.0
3 2	10 19.52	+ 1 27.6	1.525	2.507	3.9	21.0
3 12	10 10.52	+ 2 41.6	1.557	2.515	7.6	21.2
3 22	10 3.34	+ 3 52.2	1.615	2.522	11.7	21.5
4 1	9 58.65	+ 4 53.0	1.695	2.529	15.3	21.7

167770 2004 YM_{33} 2 24.1 12.°94 2.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.79	+14 21.7	1.393	2.247	15.9	19.5
2 1	10 48.24	+14 45.4	1.327	2.248	11.6	19.3
2 11	10 39.86	+15 15.8	1.283	2.249	6.8	19.0
2 21	10 29.63	+15 45.8	1.265	2.251	2.7	18.8
3 2	10 18.92	+16 8.0	1.274	2.252	5.3	18.9
3 12	10 9.27	+16 16.6	1.308	2.254	10.1	19.2
3 22	10 1.89	+16 9.2	1.366	2.257	14.6	19.5
4 1	9 57.52	+15 45.7	1.444	2.260	18.4	19.7

30307 Marcelriesz 2 24.1 222.°34 4.°6/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.47	+22 14.2	2.245	3.093	10.9	18.3
2 1	10 44.27	+23 12.9	2.177	3.091	8.1	18.1
2 11	10 37.21	+24 10.8	2.135	3.090	5.5	17.9
2 21	10 28.95	+25 1.4	2.121	3.088	4.6	17.9
3 2	10 20.38	+25 38.9	2.136	3.087	6.3	18.0
3 12	10 12.44	+25 59.2	2.179	3.085	9.0	18.1
3 22	10 5.93	+26 1.3	2.247	3.083	11.8	18.3
4 1	10 1.44	+25 46.0	2.335	3.081	14.2	18.5

423194 2004 OF_{15} 2 24.1 149.°18 1.°4/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.85	+11 11.4	2.526	3.354	10.5	22.2
2 1	10 43.53	+12 13.1	2.456	3.365	7.6	22.0
2 11	10 36.67	+13 22.0	2.412	3.375	4.3	21.8
2 21	10 28.81	+14 32.8	2.399	3.385	1.5	21.6
3 2	10 20.71	+15 39.8	2.417	3.394	3.3	21.8
3 12	10 13.13	+16 38.1	2.465	3.402	6.5	22.0
3 22	10 6.75	+17 24.2	2.540	3.410	9.5	22.2
4 1	10 2.06	+17 56.5	2.640	3.416	12.0	22.4

137123 1999 BX_{21} 2 24.2 69.°39 5.°3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.74	+18 41.6	1.563	2.423	14.2	18.5
2 1	10 45.60	+20 29.4	1.524	2.446	10.3	18.3
2 11	10 38.10	+22 19.2	1.509	2.470	6.7	18.2
2 21	10 29.17	+23 59.5	1.521	2.493	5.3	18.1
3 2	10 20.03	+25 20.6	1.561	2.517	7.6	18.3
3 12	10 11.95	+26 16.1	1.628	2.540	11.1	18.6
3 22	10 5.89	+26 45.0	1.717	2.563	14.4	18.8
4 1	10 2.43	+26 49.0	1.825	2.586	17.1	19.1

402074 2003 UE_{113} 2 24.2 183.°05 0.°2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.80	+ 6 44.6	2.220	3.037	12.1	21.6
2 1	10 45.21	+ 7 36.7	2.136	3.038	8.9	21.4
2 11	10 37.78	+ 8 41.0	2.079	3.039	5.2	21.1
2 21	10 29.12	+ 9 52.3	2.051	3.038	1.2	20.8
3 2	10 20.06	+11 4.6	2.054	3.037	2.9	21.0
3 12	10 11.56	+12 11.6	2.087	3.034	6.8	21.2
3 22	10 4.40	+13 8.3	2.147	3.031	10.3	21.4
4 1	9 59.19	+13 51.7	2.232	3.027	13.4	21.6

148312 2000 OP_1 2 24.2 250.°23 2.°9/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.83	+ 0 37.5	2.235	3.026	12.9	19.9
2 1	10 46.86	+ 0 23.2	2.128	3.007	10.1	19.7
2 11	10 38.86	+ 0 22.0	2.045	2.987	6.8	19.4
2 21	10 29.41	+ 0 32.9	1.990	2.966	3.7	19.2
3 2	10 19.35	+ 0 53.4	1.964	2.945	3.5	19.1
3 12	10 9.67	+ 1 19.5	1.969	2.923	6.7	19.3
3 22	10 1.27	+ 1 46.8	2.002	2.901	10.2	19.5
4 1	9 54.88	+ 2 11.1	2.059	2.878	13.5	19.6

119717 2001 XX_{220} 2 24.2 344.°20 3.°7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.17	+16 15.2	1.507	2.368	14.5	19.6
2 1	10 44.78	+17 7.2	1.437	2.362	10.6	19.3
2 11	10 37.84	+18 5.2	1.391	2.357	6.4	19.1
2 21	10 29.17	+19 1.2	1.370	2.352	3.7	18.9
3 2	10 20.00	+19 46.4	1.376	2.348	6.2	19.0
3 12	10 11.68	+20 14.2	1.407	2.344	10.4	19.3
3 22	10 5.34	+20 21.7	1.462	2.342	14.5	19.5
4 1	10 1.72	+20 9.0	1.536	2.339	18.0	19.7

169677 2002 JK_{98} 2 24.2 278.°67 1.°4/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.63	+10 24.7	1.599	2.443	14.7	20.5
2 1	10 45.89	+11 8.2	1.509	2.425	10.8	20.2
2 11	10 38.58	+12 4.7	1.442	2.407	6.3	19.9
2 21	10 29.39	+13 7.8	1.402	2.389	1.8	19.5
3 2	10 19.45	+14 9.5	1.389	2.370	4.4	19.7
3 12	10 10.11	+15 1.4	1.403	2.352	9.4	19.9
3 22	10 2.59	+15 38.0	1.442	2.333	14.0	20.1
4 1	9 57.75	+15 56.4	1.501	2.314	17.9	20.3

521027 2015 CB_{70} 2 24.2 185.°73 1.°8/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.93	+14 40.2	2.374	3.206	10.9	21.7
2 1	10 45.90	+15 1.2	2.295	3.206	7.9	21.5
2 11	10 38.11	+15 25.7	2.243	3.206	4.6	21.3
2 21	10 29.20	+15 49.4	2.220	3.205	1.9	21.1
3 2	10 19.98	+16 8.1	2.228	3.204	3.7	21.2
3 12	10 11.36	+16 18.2	2.265	3.203	7.0	21.4
3 22	10 4.09	+16 18.0	2.329	3.201	10.1	21.6
4 1	9 58.72	+16 6.7	2.417	3.199	12.8	21.8

469054 2015 AV_{273} 2 24.2 231.°99 0.°4/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.85	+ 9 46.8	2.307	3.132	11.5	21.8
2 1	10 45.24	+10 6.0	2.216	3.122	8.4	21.6
2 11	10 37.81	+10 32.9	2.150	3.111	4.9	21.3
2 21	10 29.14	+11 3.9	2.113	3.101	1.2	21.1
3 2	10 20.05	+11 34.4	2.107	3.090	2.9	21.2
3 12	10 11.46	+12 0.2	2.130	3.078	6.7	21.4
3 22	10 4.15	+12 18.0	2.181	3.066	10.1	21.6
4 1	9 58.75	+12 25.8	2.255	3.054	13.1	21.8

422456 2014 SS_{312} 2 24.2 111.°65 0.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.79	+ 9 2.3	1.776	2.612	13.9	22.0
2 1	10 45.48	+ 9 43.4	1.710	2.621	10.1	21.8
2 11	10 38.02	+10 35.6	1.667	2.631	5.9	21.6
2 21	10 29.19	+11 33.3	1.652	2.640	1.4	21.3
3 2	10 20.02	+12 29.3	1.666	2.648	3.5	21.5
3 12	10 11.64	+13 17.3	1.708	2.657	7.9	21.7
3 22	10 4.98	+13 52.8	1.775	2.665	11.8	22.0
4 1	10 0.65	+14 13.6	1.865	2.673	15.1	22.2

419553 2010 PA_{25} 2 24.2 216.°50 1.°1/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.18	+ 3 24.8	1.993	2.806	13.5	22.1
2 1	10 45.01	+ 4 3.6	1.902	2.799	10.2	21.9
2 11	10 37.80	+ 4 58.5	1.835	2.790	6.3	21.6
2 21	10 29.16	+ 6 5.4	1.796	2.781	2.2	21.3
3 2	10 20.00	+ 7 18.4	1.787	2.772	2.8	21.4
3 12	10 11.36	+ 8 30.2	1.807	2.761	7.1	21.6
3 22	10 4.17	+ 9 34.5	1.854	2.750	11.0	21.8
4 1	9 59.11	+10 26.7	1.924	2.739	14.5	22.0

129174 2005 JK_{179} 2 24.2 83.°86 3.°9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.65	− 6 17.0	2.348	3.114	13.1	19.5
2 1	10 41.98	− 5 56.8	2.279	3.135	10.4	19.3
2 11	10 35.77	− 5 17.8	2.233	3.157	7.5	19.2
2 21	10 28.63	− 4 22.3	2.215	3.178	4.8	19.0
3 2	10 21.28	− 3 14.4	2.225	3.199	4.0	19.0
3 12	10 14.52	− 1 59.8	2.265	3.219	5.9	19.2
3 22	10 8.99	− 0 44.6	2.333	3.240	8.6	19.4
4 1	10 5.15	+ 0 25.6	2.426	3.260	11.2	19.6

209438 2004 FN_{81} 2 24.2 349.°00 1.°3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 44.48	+ 9 20.4	1.967	2.809	12.4	19.6
2 1	10 40.82	+10 32.9	1.890	2.806	9.0	19.3
2 11	10 35.31	+11 57.6	1.838	2.803	5.2	19.1
2 21	10 28.55	+13 28.0	1.813	2.800	1.5	18.8
3 2	10 21.40	+14 56.4	1.818	2.798	3.8	19.0
3 12	10 14.80	+16 15.0	1.852	2.796	7.8	19.2
3 22	10 9.58	+17 18.6	1.911	2.795	11.4	19.4
4 1	10 6.35	+18 4.1	1.992	2.794	14.5	19.6

226808 2004 RC_{217} 2 24.2 102.°31 6.°3/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.56	−11 4.6	2.091	2.834	15.2	20.2
2 1	10 43.64	−11 19.0	2.014	2.846	12.7	20.0
2 11	10 36.88	−11 10.5	1.958	2.857	9.9	19.9
2 21	10 28.93	−10 39.1	1.928	2.869	7.4	19.7
3 2	10 20.64	− 9 47.1	1.924	2.880	6.3	19.7
3 12	10 12.96	− 8 40.3	1.948	2.891	7.5	19.8
3 22	10 6.69	− 7 25.6	1.999	2.902	10.0	20.0
4 1	10 2.40	− 6 10.4	2.074	2.913	12.7	20.2

291884 2006 PC_{24} 2 24.2 235.°49 1.°7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.40	+11 29.5	2.003	2.837	12.6	21.7
2 1	10 45.98	+12 22.5	1.911	2.823	9.2	21.5
2 11	10 38.42	+13 25.4	1.845	2.809	5.3	21.2
2 21	10 29.34	+14 32.2	1.807	2.793	1.8	20.9
3 2	10 19.68	+15 36.0	1.799	2.777	4.1	21.1
3 12	10 10.54	+16 30.0	1.820	2.760	8.2	21.3
3 22	10 2.88	+17 9.7	1.867	2.743	12.1	21.5
4 1	9 57.44	+17 33.0	1.936	2.725	15.4	21.7

120259 2004 GB_{20} 2 24.2 249.°34 0.°9/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.98	+10 11.3	1.987	2.820	12.7	21.1
2 1	10 45.66	+10 43.3	1.896	2.806	9.4	20.9
2 11	10 38.21	+11 25.1	1.830	2.793	5.5	20.6
2 21	10 29.29	+12 11.6	1.791	2.778	1.4	20.3
3 2	10 19.81	+12 57.1	1.782	2.764	3.5	20.4
3 12	10 10.88	+13 35.7	1.801	2.749	7.7	20.6
3 22	10 3.43	+14 3.2	1.847	2.733	11.7	20.8
4 1	9 58.18	+14 17.4	1.915	2.717	15.0	21.0

353947 1999 CT_8 2 24.2 92.°38 8.°5/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	13 33.81	+32 53.2	0.564	1.282	46.7	19.9
2 1	12 50.67	+32 1.3	0.502	1.339	37.0	19.4
2 11	11 51.20	+29 30.4	0.464	1.393	23.8	19.0
2 21	10 45.55	+24 27.0	0.466	1.443	10.5	18.6
3 2	9 50.47	+17 58.2	0.516	1.489	12.2	19.0
3 12	9 13.52	+12 3.6	0.607	1.532	21.7	19.7
3 22	8 52.17	+ 7 29.9	0.724	1.570	28.6	20.3
4 1	8 41.84	+ 4 6.1	0.858	1.605	32.9	20.9

416046 2002 GW_{22} 2 24.2 10.°25 7.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 44.01	− 7 42.3	1.249	2.057	20.2	19.0
2 1	10 41.24	− 8 20.1	1.185	2.061	16.6	18.7
2 11	10 35.87	− 8 27.1	1.140	2.067	12.7	18.5
2 21	10 28.74	− 8 2.4	1.115	2.074	9.1	18.3
3 2	10 21.10	− 7 9.5	1.113	2.083	7.7	18.3
3 12	10 14.38	− 5 57.2	1.135	2.094	9.7	18.4
3 22	10 9.71	− 4 36.6	1.180	2.106	13.4	18.7
4 1	10 7.85	− 3 18.5	1.245	2.120	17.1	18.9

110355 2001 SJ_{316} 2 24.2 119.°96 2.°8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.21	+17 18.0	2.225	3.058	11.5	20.1
2 1	10 48.23	+17 51.8	2.167	3.078	8.3	19.9
2 11	10 39.42	+18 27.1	2.136	3.097	5.0	19.7
2 21	10 29.53	+18 58.4	2.135	3.115	2.8	19.6
3 2	10 19.49	+19 20.8	2.164	3.133	4.5	19.8
3 12	10 10.27	+19 31.2	2.222	3.150	7.7	20.0
3 22	10 2.64	+19 28.3	2.308	3.167	10.7	20.2
4 1	9 57.11	+19 12.7	2.416	3.182	13.3	20.4

522497 2016 EG_{232} 2 24.2 211.°76 5.°1/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.81	− 5 30.8	1.957	2.733	15.0	21.2
2 1	10 44.76	− 5 48.7	1.870	2.731	12.1	21.0
2 11	10 37.66	− 5 46.8	1.805	2.729	8.9	20.8
2 21	10 29.16	− 5 25.3	1.765	2.727	6.0	20.6
3 2	10 20.17	− 4 46.7	1.754	2.725	5.2	20.5
3 12	10 11.75	− 3 56.3	1.770	2.722	7.4	20.7
3 22	10 4.80	− 3 0.7	1.812	2.719	10.7	20.8
4 1	10 0.00	− 2 6.3	1.878	2.717	13.8	21.0

224008 2005 GC_{95} 2 24.2 23.°26 0.°3/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 43.69	+ 6 35.0	2.678	3.500	10.1	20.5
2 1	10 39.74	+ 7 5.1	2.601	3.505	7.5	20.3
2 11	10 34.46	+ 7 44.2	2.551	3.510	4.4	20.2
2 21	10 28.34	+ 8 28.8	2.529	3.516	1.2	19.9
3 2	10 21.98	+ 9 15.1	2.537	3.522	2.2	20.0
3 12	10 16.07	+ 9 58.9	2.575	3.528	5.3	20.2
3 22	10 11.17	+10 36.5	2.640	3.534	8.3	20.4
4 1	10 7.72	+11 5.5	2.730	3.541	10.8	20.6

357126 2001 XR_{246} 2 24.2 156.°25 2.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.76	+ 1 29.8	2.059	2.856	13.7	22.0
2 1	10 47.42	+ 1 46.2	1.981	2.866	10.4	21.8
2 11	10 39.10	+ 2 17.8	1.928	2.876	6.7	21.6
2 21	10 29.49	+ 3 1.5	1.903	2.884	3.0	21.4
3 2	10 19.53	+ 3 52.6	1.908	2.892	3.0	21.4
3 12	10 10.24	+ 4 45.2	1.944	2.898	6.6	21.7
3 22	10 2.50	+ 5 33.8	2.007	2.904	10.3	21.9
4 1	9 56.89	+ 6 14.3	2.094	2.909	13.5	22.1

502590 2015 CK_7 2 24.2 240.°87 0.°2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.69	+ 6 54.8	2.118	2.944	12.3	21.4
2 1	10 43.04	+ 7 28.1	2.036	2.942	9.1	21.2
2 11	10 36.56	+ 8 12.7	1.979	2.939	5.4	21.0
2 21	10 28.88	+ 9 4.7	1.949	2.936	1.4	20.7
3 2	10 20.82	+ 9 58.5	1.949	2.934	2.8	20.8
3 12	10 13.30	+10 48.5	1.978	2.931	6.7	21.0
3 22	10 7.13	+11 30.0	2.034	2.928	10.3	21.2
4 1	10 2.89	+12 0.1	2.113	2.925	13.4	21.4

400980 2010 XJ_{56} 2 24.2 39.°78 24.°6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.32	+45 18.6	0.625	1.510	25.6	19.1
2 1	10 51.37	+49 48.8	0.626	1.520	24.6	19.1
2 11	10 43.08	+53 17.2	0.643	1.531	25.1	19.2
2 21	10 30.56	+55 20.8	0.673	1.543	26.7	19.4
3 2	10 17.64	+55 52.3	0.715	1.556	28.8	19.6
3 12	10 8.15	+55 2.2	0.766	1.570	30.9	19.8
3 22	10 3.99	+53 9.4	0.825	1.584	32.8	20.1
4 1	10 5.35	+50 31.9	0.891	1.600	34.3	20.3

32389 Michflannory 2 24.2 247.°36 1.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.32	+11 12.6	2.529	3.360	10.4	20.1
2 1	10 42.57	+11 51.0	2.439	3.349	7.6	19.9
2 11	10 36.23	+12 36.6	2.375	3.338	4.4	19.7
2 21	10 28.82	+13 25.0	2.340	3.327	1.3	19.4
3 2	10 21.04	+14 11.5	2.336	3.315	3.1	19.6
3 12	10 13.69	+14 51.7	2.361	3.304	6.4	19.8
3 22	10 7.45	+15 22.1	2.413	3.292	9.6	19.9
4 1	10 2.87	+15 40.9	2.489	3.280	12.3	20.1

208167 2000 OQ_{60} 2 24.2 152.°27 0.°9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.74	+ 9 8.5	1.977	2.804	13.0	21.8
2 1	10 46.76	+ 9 58.5	1.907	2.814	9.5	21.6
2 11	10 38.75	+10 58.9	1.861	2.824	5.5	21.3
2 21	10 29.43	+12 4.0	1.845	2.832	1.4	21.1
3 2	10 19.78	+13 7.0	1.859	2.840	3.4	21.2
3 12	10 10.85	+14 1.6	1.902	2.847	7.5	21.5
3 22	10 3.52	+14 43.6	1.972	2.853	11.2	21.7
4 1	9 58.39	+15 10.8	2.064	2.859	14.3	22.0

417698 2007 BD_{58} 2 24.2 340.°62 5.°4/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.36	+ 0 7.7	1.364	2.186	18.0	19.5
2 1	10 46.74	− 0 58.3	1.279	2.173	14.3	19.2
2 11	10 39.24	− 1 48.0	1.216	2.160	10.1	18.9
2 21	10 29.64	− 2 19.7	1.176	2.149	6.3	18.7
3 2	10 19.21	− 2 34.0	1.161	2.139	5.9	18.6
3 12	10 9.52	− 2 34.7	1.171	2.130	9.5	18.8
3 22	10 1.89	− 2 27.5	1.205	2.122	14.0	19.0
4 1	9 57.30	− 2 18.7	1.258	2.115	18.1	19.3

321528 2009 SL_{238} 2 24.2 202.°71 0.°8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.16	+ 3 12.5	2.308	3.116	12.0	21.3
2 1	10 43.29	+ 4 4.9	2.217	3.112	9.0	21.1
2 11	10 36.70	+ 5 12.0	2.152	3.107	5.5	20.9
2 21	10 28.94	+ 6 29.8	2.116	3.101	1.8	20.6
3 2	10 20.78	+ 7 52.3	2.110	3.095	2.5	20.6
3 12	10 13.07	+ 9 13.0	2.135	3.089	6.3	20.9
3 22	10 6.58	+10 26.2	2.188	3.081	9.8	21.1
4 1	10 1.89	+11 27.4	2.266	3.074	12.8	21.3

107013 2000 YG_{114} 2 24.2 90.°27 2.°9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.08	+15 26.3	1.934	2.780	12.4	19.9
2 1	10 44.85	+16 20.7	1.873	2.791	9.0	19.7
2 11	10 37.63	+17 19.8	1.837	2.801	5.3	19.5
2 21	10 29.15	+18 16.9	1.829	2.811	2.9	19.4
3 2	10 20.40	+19 5.4	1.850	2.821	4.9	19.5
3 12	10 12.42	+19 40.1	1.899	2.832	8.5	19.7
3 22	10 6.04	+19 58.6	1.973	2.842	11.8	20.0
4 1	10 1.85	+20 0.5	2.069	2.851	14.7	20.2

173723 2001 QE_{195} 2 24.2 98.°39 0.°8/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.08	+ 5 58.4	2.455	3.266	11.3	20.4
2 1	10 44.41	+ 6 4.9	2.386	3.283	8.4	20.2
2 11	10 37.19	+ 6 20.4	2.344	3.299	5.1	20.1
2 21	10 29.03	+ 6 42.0	2.330	3.316	1.7	19.9
3 2	10 20.68	+ 7 6.4	2.347	3.331	2.3	19.9
3 12	10 12.93	+ 7 29.6	2.394	3.347	5.7	20.2
3 22	10 6.42	+ 7 48.7	2.468	3.362	8.8	20.4
4 1	10 1.65	+ 8 1.3	2.568	3.378	11.4	20.6

434931 2006 TL_{119} 2 24.2 186.°39 0.°7/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.43	+ 4 4.5	2.604	3.415	10.7	21.7
2 1	10 41.10	+ 4 48.6	2.518	3.414	8.0	21.5
2 11	10 35.32	+ 5 44.4	2.459	3.414	4.9	21.3
2 21	10 28.60	+ 6 48.6	2.428	3.413	1.6	21.1
3 2	10 21.58	+ 7 56.2	2.428	3.413	2.2	21.1
3 12	10 14.98	+ 9 2.0	2.458	3.411	5.5	21.4
3 22	10 9.43	+10 1.6	2.516	3.410	8.6	21.6
4 1	10 5.41	+10 51.5	2.599	3.409	11.3	21.7

38654 2000 OK_{27} 2 24.2 110.°42 0.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.27	+ 5 57.8	1.765	2.588	14.5	19.6
2 1	10 47.21	+ 6 41.0	1.706	2.610	10.7	19.4
2 11	10 39.01	+ 7 37.8	1.672	2.631	6.3	19.2
2 21	10 29.50	+ 8 42.6	1.665	2.652	1.6	18.9
3 2	10 19.75	+ 9 48.3	1.687	2.672	3.1	19.1
3 12	10 10.91	+10 47.7	1.739	2.691	7.5	19.4
3 22	10 3.85	+11 35.8	1.816	2.709	11.4	19.7
4 1	9 59.18	+12 9.8	1.917	2.727	14.7	19.9

40144 1998 QC_{71} 2 24.2 157.°50 2.°6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.18	− 2 17.8	2.828	3.602	10.9	20.0
2 1	10 42.94	− 2 3.6	2.744	3.610	8.5	19.9
2 11	10 36.33	− 1 36.0	2.684	3.618	5.9	19.7
2 21	10 28.84	− 0 56.9	2.654	3.625	3.4	19.5
3 2	10 21.10	− 0 9.3	2.653	3.632	2.9	19.5
3 12	10 13.80	+ 0 42.6	2.684	3.638	5.1	19.7
3 22	10 7.51	+ 1 34.4	2.744	3.643	7.8	19.9
4 1	10 2.71	+ 2 22.3	2.829	3.648	10.2	20.0

496836 1998 OL_2 2 24.2 235.°37 1.°9/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.04	+ 2 8.3	2.560	3.355	11.4	22.3
2 1	10 44.57	+ 2 13.4	2.457	3.341	8.7	22.1
2 11	10 37.43	+ 2 30.1	2.379	3.326	5.7	21.8
2 21	10 29.14	+ 2 56.5	2.329	3.310	2.6	21.6
3 2	10 20.41	+ 3 29.7	2.310	3.293	2.6	21.6
3 12	10 12.03	+ 4 5.4	2.322	3.276	5.7	21.8
3 22	10 4.76	+ 4 39.7	2.362	3.259	9.0	21.9
4 1	9 59.17	+ 5 9.0	2.427	3.241	11.9	22.1

409760 2006 DV_{93} 2 24.2 306.°36 1.°3/23.4 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.04	+10 45.2	1.336	2.191	16.4	21.0
2 1	10 46.68	+11 9.7	1.249	2.170	12.2	20.7
2 11	10 39.31	+11 47.3	1.183	2.149	7.2	20.4
2 21	10 29.70	+12 31.8	1.141	2.129	1.9	20.0
3 2	10 19.15	+13 14.9	1.126	2.108	4.7	20.1
3 12	10 9.30	+13 48.2	1.135	2.089	10.4	20.3
3 22	10 1.60	+14 6.1	1.167	2.070	15.6	20.6
4 1	9 57.06	+14 5.9	1.219	2.051	20.1	20.8

434890 2006 SQ_{397} 2 24.2 194.°71 2.°7/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.75	− 2 10.9	2.608	3.391	11.5	21.8
2 1	10 41.34	− 1 53.6	2.518	3.390	9.0	21.7
2 11	10 35.47	− 1 21.5	2.452	3.389	6.2	21.5
2 21	10 28.65	− 0 36.7	2.414	3.388	3.5	21.3
3 2	10 21.51	+ 0 17.5	2.406	3.386	3.0	21.3
3 12	10 14.79	+ 1 16.3	2.428	3.384	5.4	21.4
3 22	10 9.11	+ 2 14.9	2.478	3.382	8.3	21.6
4 1	10 4.97	+ 3 8.9	2.553	3.380	11.0	21.8

13494 Treiso 2 24.2 122.°90 0.°7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.69	+ 9 7.8	1.619	2.451	15.1	18.8
2 1	10 49.19	+ 9 41.6	1.558	2.467	11.1	18.6
2 11	10 40.27	+10 26.6	1.521	2.483	6.4	18.4
2 21	10 29.83	+11 16.8	1.510	2.498	1.5	18.1
3 2	10 19.08	+12 5.1	1.529	2.512	3.7	18.3
3 12	10 9.34	+12 44.8	1.576	2.526	8.4	18.6
3 22	10 1.62	+13 11.8	1.648	2.538	12.6	18.9
4 1	9 56.57	+13 24.3	1.743	2.550	16.0	19.1

285749 2000 TZ_{42} 2 24.2 186.°37 0.°2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.59	+ 7 20.7	2.959	3.776	9.4	21.4
2 1	10 41.07	+ 8 14.5	2.873	3.775	6.9	21.2
2 11	10 35.25	+ 9 17.1	2.815	3.775	4.0	21.0
2 21	10 28.59	+10 24.8	2.786	3.773	0.9	20.8
3 2	10 21.66	+11 32.9	2.789	3.772	2.3	20.9
3 12	10 15.09	+12 36.8	2.823	3.769	5.3	21.1
3 22	10 9.45	+13 32.8	2.885	3.767	8.1	21.2
4 1	10 5.18	+14 18.5	2.973	3.764	10.5	21.4

311005 2003 YF_2 2 24.2 333.°12 17.°6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.55	−13 56.3	1.017	1.788	26.2	19.8
2 1	10 55.55	−17 21.6	0.947	1.781	23.3	19.5
2 11	10 45.19	−20 22.2	0.895	1.775	20.4	19.3
2 21	10 31.28	−22 42.2	0.861	1.770	18.2	19.2
3 2	10 15.63	−24 8.6	0.847	1.765	17.6	19.1
3 12	10 0.79	−24 38.9	0.853	1.761	19.0	19.2
3 22	9 49.04	−24 21.7	0.877	1.757	21.7	19.3
4 1	9 41.93	−23 33.0	0.916	1.754	24.8	19.5

176805 2002 TJ_{26} 2 24.2 95.°38 0.°6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.85	+ 8 23.1	1.721	2.556	14.2	20.5
2 1	10 45.58	+ 9 5.5	1.658	2.569	10.4	20.3
2 11	10 38.14	+10 0.0	1.619	2.582	6.0	20.1
2 21	10 29.32	+11 0.5	1.607	2.594	1.4	19.8
3 2	10 20.18	+11 59.8	1.623	2.607	3.5	20.0
3 12	10 11.89	+12 51.1	1.668	2.619	7.9	20.3
3 22	10 5.36	+13 29.8	1.738	2.631	11.9	20.5
4 1	10 1.19	+13 53.4	1.830	2.642	15.2	20.8

455744 2005 JW_{48} 2 24.2 295.°61 10.°3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.27	+32 27.4	1.558	2.413	14.5	20.5
2 1	10 48.21	+34 19.0	1.498	2.400	12.0	20.3
2 11	10 40.11	+36 1.6	1.461	2.387	10.5	20.2
2 21	10 29.88	+37 21.9	1.448	2.374	10.8	20.2
3 2	10 18.96	+38 9.3	1.460	2.361	12.8	20.2
3 12	10 9.04	+38 19.4	1.494	2.348	15.6	20.4
3 22	10 1.47	+37 53.7	1.548	2.335	18.5	20.5
4 1	9 57.12	+36 57.6	1.617	2.323	21.0	20.7

214865 2007 EW_{56} 2 24.2 328.°50 14.°4/19.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 15.24	+37 38.8	1.026	1.870	21.1	19.9
2 1	11 5.55	+38 29.4	0.974	1.867	17.8	19.7
2 11	10 50.63	+38 54.1	0.941	1.864	15.2	19.6
2 21	10 32.43	+38 34.5	0.929	1.862	14.4	19.5
3 2	10 13.94	+37 20.6	0.940	1.859	16.1	19.6
3 12	9 58.27	+35 16.4	0.972	1.857	19.3	19.8
3 22	9 47.26	+32 36.0	1.024	1.856	22.9	20.0
4 1	9 41.50	+29 35.1	1.092	1.854	26.2	20.2

50900 2000 GK_{48} 2 24.2 221.°53 0.°2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.03	+ 8 16.7	2.333	3.158	11.3	19.9
2 1	10 43.17	+ 8 46.2	2.249	3.155	8.3	19.7
2 11	10 36.62	+ 9 24.9	2.190	3.151	4.9	19.5
2 21	10 28.96	+10 8.9	2.159	3.147	1.2	19.2
3 2	10 20.95	+10 53.6	2.159	3.143	2.7	19.3
3 12	10 13.43	+11 34.0	2.188	3.138	6.4	19.6
3 22	10 7.14	+12 6.5	2.244	3.134	9.7	19.8
4 1	10 2.63	+12 28.5	2.324	3.129	12.6	20.0

37380 2001 VF_{94} 2 24.2 93.°39 1.°4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.02	+ 1 27.9	2.485	3.287	11.5	19.4
2 1	10 41.49	+ 2 13.3	2.416	3.305	8.6	19.2
2 11	10 35.53	+ 3 12.2	2.372	3.322	5.4	19.0
2 21	10 28.67	+ 4 20.8	2.357	3.340	2.2	18.8
3 2	10 21.61	+ 5 34.1	2.373	3.357	2.3	18.9
3 12	10 15.08	+ 6 46.4	2.418	3.375	5.4	19.1
3 22	10 9.69	+ 7 52.8	2.493	3.391	8.5	19.3
4 1	10 5.88	+ 8 49.6	2.592	3.408	11.1	19.5

106599 2000 WA_{113} 2 24.2 97.°14 4.°5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.19	+18 44.7	1.568	2.419	14.5	19.7
2 1	10 48.96	+19 39.1	1.513	2.432	10.6	19.5
2 11	10 40.19	+20 35.1	1.483	2.445	6.7	19.3
2 21	10 29.83	+21 24.2	1.480	2.458	4.5	19.2
3 2	10 19.21	+21 58.6	1.505	2.470	6.6	19.4
3 12	10 9.69	+22 13.3	1.556	2.482	10.5	19.6
3 22	10 2.32	+22 7.7	1.630	2.494	14.1	19.8
4 1	9 57.74	+21 43.3	1.725	2.506	17.2	20.1

297535 2001 HN_{55} 2 24.2 280.°81 6.°7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.52	+20 57.2	1.426	2.287	15.2	20.4
2 1	10 48.63	+22 29.6	1.340	2.261	11.5	20.1
2 11	10 40.56	+24 8.5	1.276	2.235	7.9	19.8
2 21	10 30.06	+25 41.4	1.238	2.208	6.8	19.7
3 2	10 18.47	+26 55.4	1.227	2.180	9.5	19.8
3 12	10 7.54	+27 40.7	1.240	2.152	13.8	19.9
3 22	9 58.81	+27 54.1	1.274	2.124	18.2	20.1
4 1	9 53.39	+27 36.9	1.326	2.096	22.0	20.3

191166 2002 KQ_2 2 24.2 355.°62 2.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.57	+ 2 0.2	1.799	2.618	14.5	19.8
2 1	10 43.24	+ 2 18.0	1.720	2.616	11.0	19.6
2 11	10 36.83	+ 2 52.8	1.663	2.616	7.1	19.3
2 21	10 29.04	+ 3 41.5	1.632	2.615	3.1	19.1
3 2	10 20.80	+ 4 38.6	1.630	2.615	3.1	19.1
3 12	10 13.21	+ 5 37.1	1.655	2.614	7.1	19.3
3 22	10 7.15	+ 6 30.8	1.706	2.614	11.1	19.5
4 1	10 3.31	+ 7 14.7	1.780	2.615	14.6	19.8

501151 2013 TK_{70} 2 24.2 226.°35 1.°1/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.52	+10 52.8	2.304	3.132	11.4	22.8
2 1	10 45.08	+11 32.6	2.212	3.121	8.3	22.6
2 11	10 37.81	+12 20.6	2.146	3.109	4.8	22.3
2 21	10 29.27	+13 12.1	2.110	3.096	1.4	22.1
3 2	10 20.29	+14 1.7	2.103	3.083	3.3	22.2
3 12	10 11.77	+14 44.2	2.127	3.070	7.0	22.4
3 22	10 4.52	+15 15.9	2.178	3.056	10.5	22.6
4 1	9 59.19	+15 34.8	2.252	3.041	13.5	22.8

359404 2010 JH_{79} 2 24.2 314.°95 1.°0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.96	+ 3 53.3	1.349	2.189	17.1	20.9
2 1	10 44.20	+ 4 33.3	1.269	2.181	12.9	20.6
2 11	10 37.73	+ 5 35.7	1.211	2.172	7.9	20.3
2 21	10 29.31	+ 6 55.0	1.178	2.164	2.5	19.9
3 2	10 20.18	+ 8 22.2	1.171	2.157	3.7	20.0
3 12	10 11.83	+ 9 46.3	1.189	2.149	9.2	20.3
3 22	10 5.49	+10 58.0	1.231	2.142	14.3	20.5
4 1	10 2.05	+11 51.2	1.293	2.136	18.6	20.8

503194 2015 HQ_5 2 24.2 21.°63 3.°3/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.74	− 0 55.0	2.173	2.967	13.2	21.0
2 1	10 43.77	− 1 7.1	2.089	2.968	10.3	20.8
2 11	10 37.01	− 1 4.4	2.029	2.969	7.1	20.6
2 21	10 29.07	− 0 48.2	1.996	2.970	4.1	20.4
3 2	10 20.77	− 0 21.4	1.992	2.971	3.6	20.4
3 12	10 13.00	+ 0 11.7	2.016	2.972	6.3	20.6
3 22	10 6.54	+ 0 46.1	2.068	2.974	9.6	20.8
4 1	10 1.99	+ 1 17.6	2.143	2.975	12.6	21.0

420039 2011 DC_{11} 2 24.2 290.°90 4.°0/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.60	+19 58.7	1.887	2.732	12.8	20.4
2 1	10 48.52	+20 24.5	1.799	2.714	9.5	20.2
2 11	10 40.02	+20 50.6	1.736	2.696	6.0	19.9
2 21	10 29.85	+21 10.5	1.700	2.678	4.0	19.8
3 2	10 19.11	+21 18.2	1.694	2.660	6.0	19.8
3 12	10 9.05	+21 9.7	1.715	2.642	9.6	20.0
3 22	10 0.75	+20 44.0	1.761	2.624	13.3	20.2
4 1	9 54.96	+20 2.3	1.828	2.606	16.5	20.4

86059 1999 RX_{15} 2 24.2 86.°09 0.°3/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.20	+ 5 46.9	1.986	2.809	13.1	19.8
2 1	10 44.09	+ 6 28.3	1.925	2.829	9.7	19.6
2 11	10 37.16	+ 7 22.1	1.889	2.848	5.7	19.4
2 21	10 29.09	+ 8 23.5	1.881	2.868	1.5	19.2
3 2	10 20.81	+ 9 26.2	1.902	2.887	2.8	19.3
3 12	10 13.26	+10 24.0	1.952	2.905	6.8	19.6
3 22	10 7.21	+11 12.2	2.029	2.924	10.3	19.8
4 1	10 3.18	+11 47.8	2.129	2.942	13.3	20.1

210547 1999 RG_{178} 2 24.2 164.°33 0.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.70	+ 6 58.3	1.972	2.796	13.1	20.8
2 1	10 45.35	+ 7 52.0	1.896	2.801	9.7	20.6
2 11	10 38.00	+ 8 58.6	1.845	2.806	5.7	20.3
2 21	10 29.33	+10 12.8	1.822	2.810	1.3	20.0
3 2	10 20.28	+11 27.3	1.830	2.813	3.1	20.2
3 12	10 11.87	+12 35.3	1.867	2.816	7.3	20.4
3 22	10 4.98	+13 31.4	1.930	2.818	11.1	20.7
4 1	10 0.23	+14 12.6	2.017	2.820	14.3	20.9

241254 2007 TS_{279} 2 24.2 347.°70 3.°1/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.55	+15 19.3	1.870	2.723	12.5	20.0
2 1	10 42.48	+16 20.0	1.797	2.719	9.0	19.8
2 11	10 36.39	+17 27.0	1.749	2.715	5.4	19.5
2 21	10 28.94	+18 33.3	1.729	2.711	3.1	19.4
3 2	10 21.09	+19 31.5	1.737	2.708	5.2	19.5
3 12	10 13.89	+20 15.3	1.772	2.705	8.9	19.7
3 22	10 8.22	+20 41.6	1.831	2.703	12.4	19.9
4 1	10 4.72	+20 49.3	1.912	2.702	15.5	20.1

123369 2000 WV_{35} 2 24.2 75.°72 6.°8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.59	+25 33.8	1.826	2.681	12.6	19.0
2 1	10 45.46	+27 14.8	1.782	2.695	9.7	18.8
2 11	10 38.10	+28 51.5	1.763	2.709	7.3	18.7
2 21	10 29.35	+30 13.9	1.771	2.723	7.0	18.7
3 2	10 20.32	+31 14.0	1.807	2.737	8.8	18.9
3 12	10 12.19	+31 47.7	1.869	2.751	11.6	19.1
3 22	10 5.90	+31 55.1	1.953	2.765	14.3	19.3
4 1	10 2.05	+31 38.9	2.055	2.779	16.6	19.5

241271 2007 TG_{413} 2 24.2 40.°12 2.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.58	− 0 23.9	2.030	2.833	13.6	20.3
2 1	10 42.27	− 0 9.6	1.953	2.839	10.5	20.1
2 11	10 36.15	+ 0 21.5	1.900	2.846	7.0	19.9
2 21	10 28.88	+ 1 6.8	1.874	2.852	3.6	19.7
3 2	10 21.27	+ 2 1.8	1.876	2.859	3.2	19.7
3 12	10 14.26	+ 3 0.3	1.907	2.866	6.4	19.9
3 22	10 8.61	+ 3 56.5	1.964	2.873	9.9	20.1
4 1	10 4.91	+ 4 45.5	2.045	2.881	13.0	20.3

461046 2014 XZ_{12} 2 24.2 136.°23 3.°3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.73	+16 12.8	1.826	2.675	12.9	20.8
2 1	10 45.54	+17 10.3	1.758	2.677	9.4	20.6
2 11	10 38.18	+18 12.7	1.715	2.679	5.7	20.4
2 21	10 29.39	+19 12.7	1.700	2.681	3.3	20.2
3 2	10 20.21	+20 2.9	1.713	2.683	5.5	20.4
3 12	10 11.80	+20 37.7	1.754	2.685	9.2	20.6
3 22	10 5.08	+20 54.4	1.819	2.687	12.7	20.8
4 1	10 0.72	+20 52.9	1.906	2.688	15.8	21.0

406441 2007 TR_{322} 2 24.2 202.°80 0.°2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.66	+ 6 0.6	2.129	2.945	12.6	22.2
2 1	10 46.03	+ 6 43.4	2.040	2.940	9.4	22.0
2 11	10 38.42	+ 7 39.3	1.975	2.934	5.6	21.8
2 21	10 29.46	+ 8 43.6	1.940	2.927	1.5	21.5
3 2	10 20.02	+ 9 50.5	1.935	2.919	2.8	21.6
3 12	10 11.11	+10 53.6	1.960	2.910	7.0	21.8
3 22	10 3.59	+11 47.5	2.012	2.901	10.7	22.0
4 1	9 58.11	+12 28.8	2.088	2.890	13.9	22.2

109755 2001 RL_{71} 2 24.2 155.°49 0.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.82	+ 8 44.6	2.112	2.936	12.4	20.7
2 1	10 46.02	+ 9 10.1	2.036	2.942	9.1	20.5
2 11	10 38.33	+ 9 44.8	1.987	2.948	5.3	20.3
2 21	10 29.42	+10 24.4	1.965	2.953	1.3	20.0
3 2	10 20.18	+11 3.8	1.974	2.958	2.9	20.1
3 12	10 11.59	+11 38.1	2.012	2.962	6.9	20.4
3 22	10 4.47	+12 3.6	2.078	2.966	10.4	20.6
4 1	9 59.40	+12 18.1	2.166	2.969	13.5	20.8

301318 2009 BK_{155} 2 24.2 226.°44 3.°7/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.11	+19 39.8	2.760	3.602	9.3	21.1
2 1	10 42.43	+21 13.4	2.678	3.592	6.8	20.9
2 11	10 36.20	+22 49.9	2.625	3.582	4.5	20.8
2 21	10 28.90	+24 22.9	2.603	3.571	3.8	20.7
3 2	10 21.21	+25 46.0	2.611	3.559	5.5	20.8
3 12	10 13.88	+26 54.2	2.650	3.547	8.0	20.9
3 22	10 7.59	+27 44.7	2.714	3.535	10.5	21.1
4 1	10 2.90	+28 16.9	2.801	3.522	12.6	21.2

219459 2000 XT_{20} 2 24.2 129.°54 1.°8/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.53	+14 14.9	2.473	3.302	10.7	21.2
2 1	10 46.21	+14 50.8	2.410	3.319	7.7	21.1
2 11	10 38.29	+15 30.5	2.374	3.336	4.5	20.9
2 21	10 29.39	+16 9.2	2.368	3.353	1.9	20.7
3 2	10 20.30	+16 42.4	2.393	3.368	3.6	20.9
3 12	10 11.88	+17 6.5	2.448	3.383	6.7	21.1
3 22	10 4.79	+17 19.4	2.531	3.397	9.6	21.3
4 1	9 59.53	+17 20.6	2.637	3.411	12.1	21.5

82964 2001 QL_{131} 2 24.2 153.°54 1.°8/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.99	+ 2 31.2	2.522	3.321	11.4	19.6
2 1	10 43.71	+ 2 34.6	2.439	3.326	8.6	19.4
2 11	10 36.89	+ 2 49.2	2.382	3.330	5.6	19.2
2 21	10 29.06	+ 3 12.9	2.353	3.334	2.5	19.0
3 2	10 20.95	+ 3 42.4	2.354	3.337	2.5	19.1
3 12	10 13.33	+ 4 13.8	2.385	3.341	5.5	19.3
3 22	10 6.86	+ 4 43.4	2.445	3.344	8.6	19.5
4 1	10 2.06	+ 5 7.9	2.529	3.347	11.3	19.6

406078 2006 UV_{127} 2 24.2 43.°10 1.°4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.46	+ 4 39.8	1.404	2.241	16.8	21.1
2 1	10 45.65	+ 4 52.2	1.347	2.256	12.5	20.9
2 11	10 38.33	+ 5 21.7	1.312	2.271	7.7	20.6
2 21	10 29.44	+ 6 3.6	1.302	2.287	2.7	20.4
3 2	10 20.24	+ 6 51.0	1.318	2.303	3.4	20.4
3 12	10 12.06	+ 7 36.2	1.360	2.320	8.3	20.8
3 22	10 5.95	+ 8 13.1	1.427	2.337	12.7	21.1
4 1	10 2.55	+ 8 37.7	1.515	2.355	16.5	21.3

493706 2015 TB_{87} 2 24.2 316.°51 4.°5/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.99	− 2 21.6	1.228	2.055	19.3	21.0
2 1	10 43.79	− 2 15.7	1.144	2.041	15.3	20.7
2 11	10 37.67	− 1 40.4	1.079	2.027	10.6	20.4
2 21	10 29.38	− 0 36.9	1.037	2.014	5.9	20.1
3 2	10 20.19	+ 0 48.4	1.019	2.002	5.0	20.0
3 12	10 11.72	+ 2 24.5	1.025	1.990	9.5	20.2
3 22	10 5.39	+ 3 58.8	1.054	1.979	14.8	20.4
4 1	10 2.19	+ 5 20.7	1.103	1.968	19.5	20.7

375629 2008 XB_3 2 24.2 77.°37 0.°9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.59	+10 6.2	2.115	2.948	12.0	20.8
2 1	10 43.59	+10 47.6	2.054	2.965	8.7	20.6
2 11	10 36.86	+11 37.3	2.018	2.981	5.0	20.4
2 21	10 29.06	+12 30.1	2.010	2.997	1.3	20.2
3 2	10 21.04	+13 20.4	2.032	3.013	3.2	20.4
3 12	10 13.70	+14 3.0	2.083	3.030	6.9	20.6
3 22	10 7.78	+14 34.5	2.160	3.046	10.2	20.8
4 1	10 3.77	+14 53.2	2.261	3.062	13.0	21.1

72969 2002 CD_{152} 2 24.2 227.°32 1.°1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.77	+10 19.2	1.951	2.781	13.0	20.2
2 1	10 47.07	+10 57.9	1.860	2.770	9.6	20.0
2 11	10 39.15	+11 46.7	1.795	2.758	5.6	19.7
2 21	10 29.68	+12 40.3	1.758	2.746	1.5	19.4
3 2	10 19.64	+13 32.2	1.751	2.732	3.7	19.5
3 12	10 10.17	+14 16.3	1.773	2.718	8.0	19.8
3 22	10 2.24	+14 48.2	1.821	2.704	12.0	20.0
4 1	9 56.61	+15 5.5	1.891	2.688	15.4	20.2

258477 2002 AC_{17} 2 24.2 50.°92 3.°9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.38	+14 22.8	1.582	2.440	14.1	19.4
2 1	10 43.29	+16 11.7	1.530	2.454	10.1	19.2
2 11	10 36.93	+18 9.1	1.502	2.468	6.0	19.0
2 21	10 29.11	+20 4.0	1.502	2.482	3.9	18.9
3 2	10 20.96	+21 45.5	1.530	2.497	6.4	19.1
3 12	10 13.68	+23 5.2	1.585	2.511	10.3	19.4
3 22	10 8.22	+23 59.2	1.663	2.527	13.9	19.6
4 1	10 5.22	+24 27.6	1.762	2.542	17.0	19.9

82631 2001 OZ_{106} 2 24.2 174.°18 0.°8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.02	+ 5 46.0	2.317	3.127	11.9	19.8
2 1	10 46.06	+ 6 1.7	2.234	3.130	8.9	19.6
2 11	10 38.33	+ 6 27.6	2.177	3.133	5.4	19.4
2 21	10 29.45	+ 7 0.8	2.149	3.135	1.7	19.2
3 2	10 20.22	+ 7 36.9	2.152	3.136	2.5	19.2
3 12	10 11.55	+ 8 11.5	2.184	3.137	6.2	19.5
3 22	10 4.21	+ 8 40.7	2.245	3.137	9.6	19.7
4 1	9 58.75	+ 9 1.7	2.329	3.136	12.5	19.9

490184 2008 UD_{285} 2 24.2 233.°61 3.°6/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.78	+19 29.7	2.392	3.233	10.5	21.9
2 1	10 45.28	+20 24.1	2.308	3.221	7.8	21.7
2 11	10 37.95	+21 20.3	2.251	3.209	5.0	21.5
2 21	10 29.37	+22 12.3	2.222	3.196	3.6	21.4
3 2	10 20.38	+22 54.4	2.224	3.183	5.4	21.5
3 12	10 11.89	+23 22.2	2.254	3.169	8.3	21.6
3 22	10 4.71	+23 33.8	2.310	3.155	11.2	21.8
4 1	9 59.44	+23 29.1	2.389	3.141	13.8	22.0

8336 Šafařík 2 24.2 215.°54 0.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.18	+ 9 29.3	3.111	3.927	9.0	19.5
2 1	10 42.95	+ 9 54.7	3.016	3.918	6.6	19.4
2 11	10 36.40	+10 26.2	2.948	3.908	3.9	19.2
2 21	10 28.98	+11 0.9	2.910	3.897	0.9	18.9
3 2	10 21.26	+11 35.5	2.904	3.886	2.2	19.0
3 12	10 13.88	+12 6.5	2.929	3.875	5.2	19.2
3 22	10 7.40	+12 31.2	2.982	3.862	7.9	19.4
4 1	10 2.30	+12 47.9	3.061	3.850	10.3	19.5

207176 2005 CU_{67} 2 24.2 346.°49 0.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.40	+ 4 46.9	1.411	2.251	16.5	20.3
2 1	10 44.38	+ 5 22.2	1.337	2.248	12.4	20.0
2 11	10 37.77	+ 6 17.1	1.284	2.246	7.5	19.7
2 21	10 29.38	+ 7 25.9	1.257	2.243	2.3	19.4
3 2	10 20.41	+ 8 40.4	1.256	2.242	3.5	19.5
3 12	10 12.25	+ 9 50.9	1.281	2.240	8.8	19.8
3 22	10 6.05	+10 49.7	1.330	2.239	13.6	20.1
4 1	10 2.60	+11 31.6	1.400	2.239	17.7	20.3

290841 2005 WL_{24} 2 24.2 25.°56 2.°4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.69	+14 3.5	1.658	2.508	14.0	21.4
2 1	10 45.67	+14 41.2	1.591	2.511	10.2	21.2
2 11	10 38.33	+15 25.5	1.549	2.514	5.9	20.9
2 21	10 29.48	+16 9.9	1.533	2.518	2.5	20.7
3 2	10 20.26	+16 47.3	1.545	2.522	4.8	20.9
3 12	10 11.88	+17 12.0	1.584	2.527	9.0	21.1
3 22	10 5.34	+17 21.1	1.647	2.531	12.9	21.4
4 1	10 1.30	+17 14.1	1.732	2.536	16.3	21.6

283235 2010 TX_{147} 2 24.2 98.°24 3.°1/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.86	+16 42.6	1.896	2.737	12.9	20.6
2 1	10 48.28	+17 27.1	1.845	2.760	9.3	20.5
2 11	10 39.63	+18 14.1	1.820	2.782	5.6	20.3
2 21	10 29.76	+18 57.1	1.822	2.804	3.1	20.2
3 2	10 19.74	+19 29.8	1.855	2.825	5.1	20.3
3 12	10 10.68	+19 48.3	1.915	2.846	8.6	20.6
3 22	10 3.43	+19 51.1	2.001	2.866	11.9	20.8
4 1	9 58.52	+19 38.9	2.109	2.886	14.7	21.0

492656 2014 ON_{384} 2 24.2 233.°00 3.°4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.22	+16 31.2	1.749	2.592	13.7	21.7
2 1	10 49.11	+17 15.8	1.666	2.582	10.0	21.4
2 11	10 40.46	+18 5.5	1.608	2.571	6.1	21.2
2 21	10 30.04	+18 52.8	1.578	2.559	3.4	21.0
3 2	10 19.02	+19 30.3	1.576	2.547	5.7	21.1
3 12	10 8.72	+19 52.1	1.602	2.535	9.8	21.3
3 22	10 0.29	+19 55.7	1.653	2.522	13.7	21.5
4 1	9 54.51	+19 41.3	1.725	2.508	17.2	21.7

109317 2001 QB_{136} 2 24.2 116.°89 0.°4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.33	+ 7 13.7	1.941	2.764	13.4	19.7
2 1	10 46.50	+ 7 29.8	1.872	2.775	9.9	19.5
2 11	10 38.66	+ 7 56.6	1.827	2.786	5.9	19.3
2 21	10 29.55	+ 8 30.1	1.810	2.797	1.6	19.0
3 2	10 20.14	+ 9 5.2	1.822	2.807	2.9	19.1
3 12	10 11.48	+ 9 36.8	1.864	2.817	7.0	19.4
3 22	10 4.43	+10 0.9	1.932	2.827	10.8	19.7
4 1	9 59.57	+10 14.9	2.023	2.836	13.9	19.9

209337 2004 CM_{13} 2 24.2 331.°38 0.°6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.78	+ 9 7.6	1.924	2.763	12.8	20.3
2 1	10 42.63	+ 9 43.3	1.842	2.755	9.4	20.1
2 11	10 36.51	+10 29.9	1.784	2.748	5.5	19.8
2 21	10 29.05	+11 22.5	1.753	2.741	1.3	19.5
3 2	10 21.15	+12 15.0	1.751	2.734	3.3	19.6
3 12	10 13.83	+13 1.2	1.777	2.728	7.5	19.9
3 22	10 7.95	+13 36.5	1.828	2.722	11.3	20.1
4 1	10 4.15	+13 58.2	1.901	2.716	14.6	20.3

423577 2005 VK_{53} 2 24.2 177.°70 1.°5/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.59	+11 45.5	2.062	2.897	12.2	21.9
2 1	10 45.25	+12 28.4	1.986	2.898	8.9	21.7
2 11	10 37.97	+13 19.0	1.935	2.899	5.1	21.5
2 21	10 29.41	+14 12.1	1.913	2.899	1.7	21.2
3 2	10 20.47	+15 1.4	1.921	2.900	3.7	21.4
3 12	10 12.17	+15 41.7	1.957	2.899	7.6	21.6
3 22	10 5.34	+16 9.3	2.020	2.899	11.1	21.8
4 1	10 0.59	+16 22.7	2.105	2.898	14.1	22.0

211522 2003 QZ_{59} 2 24.2 240.°30 0.°9/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.10	+ 8 5.3	1.807	2.640	13.8	21.1
2 1	10 45.29	+ 9 8.5	1.717	2.628	10.1	20.8
2 11	10 38.21	+10 26.9	1.652	2.615	5.9	20.5
2 21	10 29.52	+11 54.1	1.615	2.602	1.5	20.2
3 2	10 20.20	+13 21.7	1.606	2.588	3.8	20.3
3 12	10 11.42	+14 41.1	1.627	2.574	8.4	20.6
3 22	10 4.22	+15 45.8	1.673	2.559	12.6	20.8
4 1	9 59.37	+16 32.2	1.741	2.544	16.2	21.0

463509 2013 QE_{61} 2 24.2 179.°15 0.°5/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.10	+ 5 8.7	2.254	3.068	12.1	22.2
2 1	10 44.02	+ 5 51.3	2.171	3.070	9.0	22.0
2 11	10 37.20	+ 6 46.5	2.114	3.071	5.4	21.8
2 21	10 29.22	+ 7 50.2	2.085	3.071	1.6	21.5
3 2	10 20.88	+ 8 56.7	2.086	3.071	2.5	21.6
3 12	10 13.07	+10 0.1	2.118	3.071	6.4	21.9
3 22	10 6.53	+10 55.5	2.177	3.069	9.8	22.1
4 1	10 1.84	+11 39.4	2.260	3.068	12.8	22.3

85551 1997 YZ_{1} 2 24.2 75.°91 2.°3/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.78	+12 26.7	1.418	2.267	16.0	19.0
2 1	10 48.71	+13 19.0	1.373	2.292	11.5	18.8
2 11	10 40.08	+14 19.9	1.351	2.316	6.6	18.6
2 21	10 29.92	+15 21.0	1.355	2.340	2.5	18.4
3 2	10 19.59	+16 13.6	1.386	2.365	5.0	18.6
3 12	10 10.50	+16 51.0	1.445	2.389	9.6	18.9
3 22	10 3.65	+17 10.4	1.527	2.412	13.7	19.2
4 1	9 59.64	+17 11.6	1.629	2.435	17.1	19.5

80869 2000 DA_{31} 2 24.2 67.°73 1.°2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.08	+ 4 23.6	1.639	2.467	15.2	19.7
2 1	10 45.25	+ 4 46.2	1.567	2.471	11.4	19.4
2 11	10 38.12	+ 5 25.1	1.518	2.476	7.0	19.2
2 21	10 29.47	+ 6 15.9	1.495	2.480	2.4	18.9
3 2	10 20.40	+ 7 12.0	1.499	2.485	3.1	19.0
3 12	10 12.10	+ 8 6.2	1.531	2.489	7.7	19.3
3 22	10 5.57	+ 8 52.4	1.589	2.494	12.0	19.5
4 1	10 1.50	+ 9 26.2	1.668	2.499	15.6	19.8

163314 2002 JY_{82} 2 24.2 35.°30 3.°9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.26	− 1 46.2	1.455	2.269	17.5	19.5
2 1	10 44.91	− 1 39.8	1.382	2.272	13.7	19.3
2 11	10 38.05	− 1 9.5	1.330	2.276	9.3	19.0
2 21	10 29.48	− 0 17.7	1.303	2.279	5.1	18.8
3 2	10 20.39	+ 0 49.7	1.301	2.283	4.4	18.8
3 12	10 12.12	+ 2 3.6	1.326	2.288	8.2	19.0
3 22	10 5.79	+ 3 15.2	1.376	2.292	12.6	19.2
4 1	10 2.13	+ 4 16.8	1.447	2.297	16.6	19.5

258572 2002 CV_{131} 2 24.2 318.°86 2.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.33	+ 3 54.2	1.297	2.138	17.7	20.2
2 1	10 45.46	+ 3 51.7	1.211	2.121	13.5	19.9
2 11	10 38.67	+ 4 8.4	1.146	2.104	8.6	19.6
2 21	10 29.70	+ 4 41.7	1.104	2.088	3.5	19.2
3 2	10 19.85	+ 5 25.7	1.087	2.073	3.9	19.2
3 12	10 10.70	+ 6 12.1	1.096	2.059	9.4	19.5
3 22	10 3.65	+ 6 52.8	1.127	2.045	14.7	19.7
4 1	9 59.69	+ 7 21.8	1.178	2.032	19.3	20.0

429890 2012 TQ_{42} 2 24.2 171.°71 0.°2/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.98	+ 9 6.3	2.493	3.314	10.8	21.4
2 1	10 44.49	+ 9 20.9	2.412	3.315	8.0	21.2
2 11	10 37.40	+ 9 42.7	2.357	3.317	4.7	21.0
2 21	10 29.28	+10 8.4	2.331	3.318	1.1	20.7
3 2	10 20.87	+10 34.2	2.336	3.319	2.5	20.8
3 12	10 12.97	+10 56.4	2.370	3.320	6.0	21.0
3 22	10 6.28	+11 12.0	2.433	3.320	9.1	21.2
4 1	10 1.31	+11 19.3	2.519	3.321	11.8	21.4

376463 2012 JQ_{2} 2 24.2 229.°86 5.°8/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.07	+25 49.7	2.225	3.068	11.2	21.7
2 1	10 47.16	+26 59.0	2.150	3.058	8.6	21.5
2 11	10 39.16	+28 5.5	2.102	3.047	6.4	21.3
2 21	10 29.74	+29 1.5	2.081	3.035	5.9	21.3
3 2	10 19.88	+29 40.4	2.089	3.023	7.6	21.3
3 12	10 10.63	+29 58.2	2.125	3.011	10.2	21.5
3 22	10 2.94	+29 54.3	2.184	2.998	12.9	21.6
4 1	9 57.44	+29 30.3	2.264	2.984	15.3	21.8

468756 2011 FF_{34} 2 24.2 359.°19 2.°7/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.90	+13 4.5	1.539	2.397	14.4	21.1
2 1	10 43.11	+14 5.3	1.471	2.395	10.5	20.9
2 11	10 36.96	+15 16.0	1.427	2.394	6.1	20.6
2 21	10 29.23	+16 28.7	1.408	2.393	2.7	20.4
3 2	10 21.03	+17 34.2	1.417	2.393	5.3	20.6
3 12	10 13.62	+18 24.9	1.451	2.394	9.7	20.8
3 22	10 8.04	+18 56.3	1.510	2.396	13.8	21.1
4 1	10 4.99	+19 7.2	1.588	2.398	17.2	21.3

124379 2001 QY_{158} 2 24.2 87.°88 0.°7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.51	+ 6 22.5	1.413	2.248	16.8	20.0
2 1	10 48.68	+ 6 37.7	1.353	2.262	12.5	19.8
2 11	10 40.20	+ 7 8.3	1.315	2.275	7.5	19.5
2 21	10 30.01	+ 7 48.8	1.302	2.289	2.2	19.2
3 2	10 19.47	+ 8 32.4	1.317	2.302	3.5	19.3
3 12	10 10.00	+ 9 11.7	1.358	2.315	8.6	19.7
3 22	10 2.73	+ 9 41.2	1.424	2.328	13.2	20.0
4 1	9 58.33	+ 9 57.7	1.511	2.341	17.0	20.2

367428 2008 SF_{11} 2 24.2 195.°99 5.°1/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.21	− 7 7.0	2.253	3.013	13.8	21.4
2 1	10 44.17	− 7 24.4	2.163	3.011	11.3	21.3
2 11	10 37.35	− 7 23.2	2.095	3.010	8.5	21.1
2 21	10 29.30	− 7 3.6	2.054	3.008	5.9	20.9
3 2	10 20.84	− 6 27.8	2.040	3.006	5.1	20.9
3 12	10 12.86	− 5 40.1	2.056	3.004	6.8	21.0
3 22	10 6.14	− 4 46.2	2.098	3.002	9.6	21.1
4 1	10 1.29	− 3 52.1	2.165	2.999	12.4	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
300183	2006 WZ_{58}		2 24.2	200.°49	3.°8/19.6	17
	h m	° ′			°	m
1 22	10 49.53	+22 46.9	2.843	3.682	9.1	21.2
2 1	10 44.09	+23 34.0	2.769	3.679	6.8	21.0
2 11	10 37.14	+24 19.6	2.723	3.675	4.7	20.9
2 21	10 29.23	+24 59.0	2.706	3.672	3.9	20.8
3 2	10 21.05	+25 27.8	2.719	3.668	5.2	20.9
3 12	10 13.36	+25 43.0	2.761	3.663	7.5	21.1
3 22	10 6.80	+25 43.7	2.830	3.659	9.9	21.2
4 1	10 1.86	+25 30.2	2.921	3.654	11.9	21.4
431227	2006 SK_{324}		2 24.2	109.°16	2.°8/21.3	17
1 22	10 49.29	+17 32.1	2.483	3.323	10.2	21.5
2 1	10 43.98	+18 13.6	2.418	3.332	7.4	21.4
2 11	10 37.08	+18 56.8	2.381	3.342	4.5	21.2
2 21	10 29.21	+19 36.9	2.372	3.351	2.8	21.1
3 2	10 21.12	+20 9.1	2.393	3.361	4.4	21.2
3 12	10 13.63	+20 30.0	2.444	3.370	7.2	21.4
3 22	10 7.39	+20 37.9	2.520	3.379	10.0	21.6
4 1	10 2.91	+20 32.6	2.620	3.387	12.3	21.8
501948	2014 YU_3		2 24.2	198.°05	3.°4/27.2	17
1 22	10 50.91	− 1 16.2	2.175	2.962	13.3	21.0
2 1	10 45.44	− 1 31.7	2.087	2.961	10.5	20.8
2 11	10 38.10	− 1 32.4	2.022	2.959	7.3	20.6
2 21	10 29.50	− 1 19.1	1.985	2.958	4.3	20.4
3 2	10 20.48	− 0 54.7	1.978	2.956	3.8	20.4
3 12	10 11.98	− 0 23.4	1.999	2.954	6.5	20.6
3 22	10 4.82	+ 0 10.0	2.047	2.951	9.8	20.7
4 1	9 59.64	+ 0 40.9	2.120	2.949	12.8	20.9
143272	2003 AN_{14}		2 24.2	161.°68	5.°4/18.6	18
1 22	10 50.49	+20 45.5	1.869	2.722	12.5	19.3
2 1	10 45.48	+22 29.8	1.807	2.725	9.3	19.1
2 11	10 38.25	+24 16.2	1.772	2.728	6.4	18.9
2 21	10 29.54	+25 54.7	1.765	2.731	5.5	18.9
3 2	10 20.41	+27 16.2	1.786	2.733	7.6	19.0
3 12	10 12.00	+28 14.3	1.834	2.735	10.8	19.2
3 22	10 5.29	+28 47.1	1.906	2.736	13.9	19.4
4 1	10 0.95	+28 55.6	1.998	2.738	16.5	19.6
240850	2006 BW_{151}		2 24.2	181.°48	1.°5/23.1	18
1 22	10 53.40	+10 51.9	1.712	2.550	14.2	21.3
2 1	10 47.69	+11 35.5	1.638	2.551	10.4	21.1
2 11	10 39.59	+12 29.5	1.587	2.551	6.0	20.8
2 21	10 29.89	+13 27.5	1.564	2.551	1.8	20.5
3 2	10 19.71	+14 21.9	1.570	2.550	4.1	20.7
3 12	10 10.31	+15 6.1	1.604	2.549	8.7	20.9
3 22	10 2.73	+15 35.8	1.663	2.548	12.8	21.2
4 1	9 57.68	+15 49.1	1.744	2.546	16.3	21.4
155608	2000 DN_{75}		2 24.2	356.°50	0.°5/23.9	18
1 22	10 48.01	+ 6 38.1	1.193	2.048	17.9	19.6
2 1	10 44.49	+ 7 31.9	1.125	2.046	13.3	19.3
2 11	10 38.03	+ 8 47.0	1.079	2.044	7.8	19.0
2 21	10 29.55	+10 15.4	1.056	2.043	1.9	18.6
3 2	10 20.41	+11 45.8	1.058	2.043	4.4	18.8
3 12	10 12.25	+13 6.2	1.086	2.043	10.2	19.1
3 22	10 6.35	+14 7.9	1.135	2.044	15.4	19.4
4 1	10 3.57	+14 46.5	1.203	2.045	19.8	19.6
130884	2000 VY_{17}		2 24.2	89.°20	3.°6/21.4	18
1 22	10 52.99	+15 23.1	1.524	2.376	14.8	19.7
2 1	10 47.46	+16 29.4	1.470	2.390	10.7	19.5
2 11	10 39.44	+17 41.8	1.440	2.404	6.4	19.3
2 21	10 29.83	+18 51.4	1.436	2.418	3.6	19.1
3 2	10 19.92	+19 49.0	1.460	2.432	6.0	19.3
3 12	10 11.05	+20 28.2	1.511	2.445	10.1	19.6
3 22	10 4.25	+20 46.5	1.585	2.458	14.0	19.9
4 1	10 0.18	+20 44.3	1.680	2.471	17.2	20.1
110575	2001 TS_{116}		2 24.2	161.°69	6.°6/ 1.8	18
1 22	10 50.44	−12 9.6	2.284	3.011	14.5	19.6
2 1	10 45.06	−12 34.7	2.198	3.016	12.2	19.4
2 11	10 37.86	−12 38.5	2.132	3.020	9.7	19.3
2 21	10 29.45	−12 20.3	2.092	3.025	7.5	19.1
3 2	10 20.64	−11 41.5	2.080	3.028	6.6	19.1
3 12	10 12.33	−10 46.5	2.095	3.031	7.6	19.2
3 22	10 5.33	− 9 41.5	2.138	3.034	9.8	19.3
4 1	10 0.23	− 8 33.2	2.205	3.036	12.3	19.5
496538	2014 WR_{196}		2 24.2	338.°12	7.°9/ 1.3	17
1 22	10 50.58	−10 44.5	1.774	2.528	17.2	20.6
2 1	10 45.66	−11 34.8	1.689	2.526	14.5	20.4
2 11	10 38.45	−12 1.2	1.625	2.525	11.5	20.2
2 21	10 29.63	−12 1.5	1.585	2.523	8.9	20.0
3 2	10 20.23	−11 36.4	1.570	2.522	7.9	19.9
3 12	10 11.43	−10 50.6	1.581	2.521	9.2	20.0
3 22	10 4.26	− 9 51.3	1.617	2.520	11.9	20.2
4 1	9 59.49	− 8 47.1	1.675	2.519	15.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
169305	2001 TJ_{49}		2 24.2	54.°31	3.°0/27.2	18
	h m	° ′			°	m
1 22	10 47.28	− 1 21.2	2.106	2.902	13.4	19.8
2 1	10 42.73	− 1 15.0	2.035	2.915	10.4	19.6
2 11	10 36.45	− 0 52.3	1.987	2.927	7.1	19.4
2 21	10 29.09	− 0 15.4	1.965	2.940	3.9	19.3
3 2	10 21.44	+ 0 31.6	1.972	2.953	3.4	19.3
3 12	10 14.40	+ 1 23.4	2.008	2.966	6.2	19.5
3 22	10 8.71	+ 2 14.3	2.070	2.979	9.4	19.7
4 1	10 4.88	+ 2 59.6	2.157	2.992	12.4	19.9
293986	2007 TG_{69}		2 24.2	137.°90	0.°8/25.0	17
1 22	10 47.63	+ 5 10.5	2.336	3.152	11.6	21.5
2 1	10 42.89	+ 5 35.3	2.256	3.155	8.7	21.4
2 11	10 36.53	+ 6 11.3	2.201	3.158	5.3	21.1
2 21	10 29.11	+ 6 55.0	2.175	3.161	1.7	20.9
3 2	10 21.38	+ 7 42.1	2.179	3.164	2.4	21.0
3 12	10 14.17	+ 8 27.5	2.212	3.166	6.0	21.2
3 22	10 8.17	+ 9 7.1	2.272	3.169	9.3	21.4
4 1	10 3.91	+ 9 37.7	2.356	3.171	12.1	21.6
348490	2005 SB_{221}		2 24.2	152.°86	1.°4/22.7	17
1 22	10 52.28	+13 0.3	2.766	3.588	9.9	22.0
2 1	10 45.99	+13 37.7	2.695	3.601	7.1	21.9
2 11	10 38.21	+14 19.4	2.651	3.612	4.1	21.7
2 21	10 29.51	+15 1.4	2.638	3.623	1.5	21.5
3 2	10 20.60	+15 39.3	2.656	3.633	3.1	21.6
3 12	10 12.22	+16 9.6	2.706	3.642	6.1	21.8
3 22	10 5.01	+16 30.1	2.784	3.650	8.9	22.0
4 1	9 59.45	+16 39.6	2.886	3.657	11.2	22.2
350943	2002 VC_{22}		2 24.2	123.°65	2.°3/22.7	18
1 22	10 56.67	+13 5.9	1.530	2.373	15.3	20.6
2 1	10 50.16	+13 46.3	1.471	2.386	11.2	20.4
2 11	10 41.03	+14 34.7	1.434	2.399	6.5	20.2
2 21	10 30.24	+15 23.3	1.425	2.411	2.4	19.9
3 2	10 19.13	+16 4.6	1.444	2.422	4.9	20.1
3 12	10 9.09	+16 32.3	1.490	2.433	9.4	20.4
3 22	10 1.22	+16 43.6	1.561	2.444	13.6	20.7
4 1	9 56.20	+16 38.3	1.653	2.453	17.1	20.9
130617	2000 SQ_{36}		2 24.2	48.°27	3.°1/22.1	18
1 22	10 51.28	+12 25.3	1.177	2.041	17.5	19.1
2 1	10 46.57	+13 38.4	1.137	2.063	12.6	18.9
2 11	10 39.01	+15 2.2	1.119	2.086	7.2	18.7
2 21	10 29.73	+16 25.6	1.125	2.110	3.1	18.5
3 2	10 20.26	+17 37.0	1.157	2.134	6.0	18.7
3 12	10 12.13	+18 28.1	1.214	2.159	10.9	19.1
3 22	10 6.46	+18 55.6	1.293	2.184	15.2	19.4
4 1	10 3.82	+18 59.8	1.390	2.209	18.8	19.7
209070	2003 QS_{99}		2 24.2	178.°00	1.°1/25.3	18
1 22	10 50.69	+ 3 11.3	1.904	2.718	14.0	21.1
2 1	10 45.49	+ 3 52.4	1.823	2.720	10.5	20.8
2 11	10 38.23	+ 4 50.0	1.766	2.721	6.5	20.6
2 21	10 29.56	+ 5 59.7	1.737	2.722	2.3	20.3
3 2	10 20.45	+ 7 15.0	1.737	2.722	2.8	20.4
3 12	10 11.97	+ 8 28.4	1.766	2.721	7.1	20.6
3 22	10 5.02	+ 9 33.5	1.822	2.720	11.1	20.9
4 1	10 0.27	+10 25.8	1.901	2.719	14.5	21.1
462094	2007 HF_{57}		2 24.2	285.°21	5.°4/19.0	17
1 22	10 50.18	+21 55.7	1.888	2.742	12.3	21.3
2 1	10 45.37	+23 10.9	1.809	2.727	9.3	21.1
2 11	10 38.28	+24 27.4	1.756	2.712	6.4	20.9
2 21	10 29.60	+25 36.8	1.731	2.697	5.5	20.8
3 2	10 20.36	+26 30.6	1.733	2.683	7.5	20.9
3 12	10 11.75	+27 3.2	1.761	2.668	10.8	21.0
3 22	10 4.80	+27 12.7	1.813	2.653	14.0	21.2
4 1	10 0.24	+26 59.8	1.885	2.639	16.9	21.4
354905	2006 CH_{38}		2 24.2	294.°60	1.°1/25.1	18
1 22	10 48.32	+ 3 29.6	1.425	2.260	16.6	21.0
2 1	10 44.50	+ 4 10.1	1.337	2.246	12.6	20.7
2 11	10 38.02	+ 5 13.1	1.272	2.231	7.8	20.4
2 21	10 29.58	+ 6 33.8	1.231	2.217	2.6	20.1
3 2	10 20.36	+ 8 3.6	1.216	2.202	3.5	20.1
3 12	10 11.77	+ 9 31.7	1.228	2.188	9.0	20.4
3 22	10 5.08	+10 48.6	1.264	2.174	14.1	20.6
4 1	10 1.20	+11 47.8	1.321	2.160	18.5	20.8
143015	2002 VN_{108}		2 24.2	19.°48	1.°1/24.9	18
1 22	10 49.45	+ 6 39.1	1.182	2.036	18.1	18.4
2 1	10 45.35	+ 6 36.1	1.126	2.045	13.5	18.2
2 11	10 38.40	+ 6 49.5	1.091	2.055	8.2	17.9
2 21	10 29.62	+ 7 14.6	1.080	2.066	2.5	17.6
3 2	10 20.45	+ 7 44.6	1.093	2.079	3.7	17.7
3 12	10 12.43	+ 8 11.8	1.131	2.093	9.2	18.1
3 22	10 6.76	+ 8 30.5	1.191	2.109	14.1	18.4
4 1	10 4.10	+ 8 37.0	1.271	2.125	18.2	18.7

101591 1999 BB_{21} 2 24.2 76.°25 2.°7/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.54	+ 2 13.5	1.381	2.204	17.8	19.5
2 1	10 48.74	+ 2 8.3	1.322	2.220	13.5	19.3
2 11	10 40.26	+ 2 22.5	1.284	2.236	8.7	19.1
2 21	10 30.08	+ 2 52.6	1.271	2.253	3.9	18.8
3 2	10 19.54	+ 3 32.8	1.284	2.269	3.9	18.9
3 12	10 10.11	+ 4 15.5	1.325	2.285	8.4	19.2
3 22	10 2.89	+ 4 53.8	1.390	2.301	12.9	19.5
4 1	9 58.58	+ 5 22.8	1.476	2.317	16.8	19.8

351615 2005 WU_{55} 2 24.2 203.°01 2.°2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.82	+ 1 21.5	1.947	2.747	14.2	21.3
2 1	10 47.85	+ 1 38.0	1.855	2.742	10.9	21.1
2 11	10 39.67	+ 2 11.2	1.788	2.736	7.1	20.9
2 21	10 29.95	+ 2 58.3	1.747	2.729	3.2	20.6
3 2	10 19.68	+ 3 54.3	1.737	2.721	3.2	20.6
3 12	10 9.96	+ 4 52.9	1.756	2.712	7.1	20.8
3 22	10 1.79	+ 5 47.7	1.802	2.702	11.1	21.0
4 1	9 55.89	+ 6 33.8	1.872	2.691	14.7	21.2

162933 2001 OR_{88} 2 24.2 117.°37 1.°5/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.08	+ 4 5.8	2.324	3.132	12.0	19.7
2 1	10 44.66	+ 4 6.5	2.246	3.139	9.0	19.5
2 11	10 37.56	+ 4 18.0	2.193	3.145	5.7	19.3
2 21	10 29.39	+ 4 37.9	2.168	3.151	2.3	19.1
3 2	10 20.92	+ 5 2.8	2.173	3.158	2.5	19.2
3 12	10 13.02	+ 5 28.5	2.208	3.164	5.9	19.4
3 22	10 6.39	+ 5 51.4	2.270	3.170	9.2	19.6
4 1	10 1.58	+ 6 8.6	2.357	3.175	12.0	19.8

37921 1998 FM_{109} 2 24.3 328.°81 2.°5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.28	+ 1 2.6	1.892	2.700	14.3	19.3
2 1	10 44.48	+ 1 8.8	1.810	2.700	11.0	19.1
2 11	10 37.65	+ 1 31.5	1.751	2.700	7.2	18.9
2 21	10 29.44	+ 2 8.1	1.719	2.699	3.5	18.7
3 2	10 20.80	+ 2 54.1	1.716	2.699	3.3	18.7
3 12	10 12.77	+ 3 43.6	1.740	2.699	6.9	18.9
3 22	10 6.25	+ 4 30.6	1.791	2.699	10.7	19.1
4 1	10 1.88	+ 5 10.3	1.865	2.698	14.1	19.3

472802 2015 FV_{159} 2 24.3 198.°92 1.°8/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.16	+14 17.9	2.772	3.606	9.5	21.7
2 1	10 42.39	+15 3.6	2.692	3.604	6.8	21.5
2 11	10 36.19	+15 53.8	2.638	3.601	4.0	21.4
2 21	10 29.06	+16 44.0	2.615	3.598	1.9	21.2
3 2	10 21.64	+17 29.7	2.622	3.595	3.5	21.3
3 12	10 14.65	+18 6.9	2.659	3.592	6.3	21.5
3 22	10 8.71	+18 33.2	2.723	3.588	9.1	21.7
4 1	10 4.28	+18 47.3	2.810	3.584	11.4	21.8

401361 2013 BD_{39} 2 24.3 317.°24 1.°9/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.98	+ 3 31.7	1.358	2.192	17.4	21.7
2 1	10 46.46	+ 3 40.8	1.281	2.187	13.2	21.4
2 11	10 39.15	+ 4 9.5	1.225	2.182	8.4	21.1
2 21	10 29.88	+ 4 54.3	1.193	2.178	3.2	20.8
3 2	10 19.91	+ 5 48.3	1.187	2.173	3.7	20.8
3 12	10 10.78	+ 6 43.0	1.208	2.169	8.9	21.1
3 22	10 3.74	+ 7 30.6	1.252	2.165	13.9	21.4
4 1	9 59.65	+ 8 5.4	1.316	2.161	18.2	21.6

360826 2005 LM_{10} 2 24.3 151.°03 4.°3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.13	+21 0.3	2.375	3.215	10.6	21.8
2 1	10 46.21	+22 23.1	2.315	3.226	7.9	21.6
2 11	10 38.49	+23 46.0	2.283	3.237	5.3	21.5
2 21	10 29.63	+25 2.0	2.281	3.247	4.4	21.4
3 2	10 20.49	+26 4.5	2.309	3.256	6.1	21.6
3 12	10 11.98	+26 49.2	2.365	3.265	8.7	21.7
3 22	10 4.87	+27 14.6	2.448	3.272	11.3	21.9
4 1	9 59.71	+27 21.3	2.551	3.279	13.6	22.1

330062 2005 UH_{530} 2 24.3 94.°28 5.°3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.83	+21 7.6	1.827	2.680	12.7	20.5
2 1	10 45.69	+22 30.6	1.771	2.689	9.4	20.3
2 11	10 38.35	+23 53.9	1.741	2.698	6.4	20.1
2 21	10 29.61	+25 8.7	1.738	2.706	5.3	20.1
3 2	10 20.54	+26 6.9	1.764	2.715	7.3	20.2
3 12	10 12.31	+26 43.4	1.815	2.723	10.4	20.4
3 22	10 5.83	+26 56.8	1.891	2.731	13.5	20.6
4 1	10 1.74	+26 48.6	1.986	2.740	16.2	20.9

415473 2014 OC_{112} 2 24.3 191.°13 2.°0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.72	+12 16.4	2.287	3.117	11.4	21.9
2 1	10 46.02	+13 25.0	2.205	3.115	8.3	21.7
2 11	10 38.47	+14 41.8	2.150	3.113	4.8	21.4
2 21	10 29.66	+16 0.6	2.124	3.109	2.0	21.2
3 2	10 20.43	+17 14.6	2.130	3.105	4.0	21.4
3 12	10 11.72	+18 17.7	2.166	3.100	7.5	21.6
3 22	10 4.34	+19 6.1	2.229	3.093	10.8	21.8
4 1	9 58.90	+19 38.1	2.315	3.086	13.7	22.0

410222 2007 RN_{319} 2 24.3 198.°33 1.°0/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.03	+ 9 50.7	1.959	2.788	13.0	22.6
2 1	10 47.23	+10 31.3	1.876	2.785	9.6	22.3
2 11	10 39.29	+11 22.1	1.819	2.781	5.6	22.1
2 21	10 29.89	+12 17.6	1.789	2.777	1.5	21.8
3 2	10 20.01	+13 11.6	1.790	2.771	3.5	21.9
3 12	10 10.75	+13 57.7	1.819	2.766	7.8	22.2
3 22	10 3.06	+14 31.8	1.875	2.759	11.6	22.4
4 1	9 57.63	+14 51.7	1.954	2.752	14.9	22.6

184676 2005 SC_{75} 2 24.3 241.°61 1.°0/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.13	+11 31.4	2.572	3.402	10.3	20.9
2 1	10 43.20	+11 57.7	2.487	3.396	7.5	20.7
2 11	10 36.72	+12 29.9	2.428	3.390	4.3	20.5
2 21	10 29.22	+13 4.4	2.398	3.385	1.2	20.2
3 2	10 21.41	+13 36.9	2.398	3.379	2.9	20.3
3 12	10 14.04	+14 3.5	2.428	3.373	6.2	20.5
3 22	10 7.80	+14 21.6	2.485	3.367	9.2	20.7
4 1	10 3.19	+14 29.5	2.567	3.360	11.9	20.9

138224 2000 FB_{7} 2 24.3 129.°46 1.°6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.96	+ 2 27.9	1.863	2.676	14.2	20.4
2 1	10 44.96	+ 2 55.8	1.788	2.683	10.8	20.2
2 11	10 37.92	+ 3 40.1	1.737	2.690	6.8	20.0
2 21	10 29.54	+ 4 37.0	1.713	2.697	2.7	19.7
3 2	10 20.77	+ 5 40.5	1.718	2.703	2.9	19.7
3 12	10 12.69	+ 6 43.7	1.751	2.709	7.0	20.0
3 22	10 6.17	+ 7 40.4	1.811	2.714	10.9	20.2
4 1	10 1.84	+ 8 26.2	1.894	2.720	14.2	20.5

97178 1999 VO_{216} 2 24.3 238.°14 4.°2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.69	− 5 14.7	2.301	3.070	13.3	20.2
2 1	10 43.85	− 5 18.0	2.201	3.060	10.7	20.0
2 11	10 37.23	− 5 3.6	2.125	3.049	7.8	19.8
2 21	10 29.38	− 4 32.0	2.075	3.038	5.1	19.6
3 2	10 21.05	− 3 45.9	2.054	3.026	4.4	19.6
3 12	10 13.12	− 2 50.1	2.061	3.014	6.5	19.7
3 22	10 6.39	− 1 50.3	2.097	3.002	9.5	19.8
4 1	10 1.47	− 0 52.2	2.157	2.990	12.5	20.0

328294 2008 GJ_{129} 2 24.3 179.°65 1.°3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.90	+11 15.6	2.548	3.373	10.5	21.9
2 1	10 44.49	+12 10.0	2.467	3.375	7.6	21.7
2 11	10 37.48	+13 11.7	2.414	3.377	4.4	21.5
2 21	10 29.41	+14 15.7	2.391	3.377	1.5	21.3
3 2	10 21.03	+15 16.7	2.399	3.377	3.2	21.5
3 12	10 13.12	+16 9.7	2.437	3.376	6.5	21.7
3 22	10 6.39	+16 51.3	2.503	3.374	9.6	21.9
4 1	10 1.35	+17 19.7	2.593	3.372	12.2	22.0

94539 2001 US_{164} 2 24.3 5.°60 0.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.86	+ 5 13.2	1.242	2.092	17.7	19.2
2 1	10 44.28	+ 6 3.3	1.174	2.091	13.2	18.9
2 11	10 37.90	+ 7 15.5	1.128	2.092	7.9	18.6
2 21	10 29.59	+ 8 42.6	1.105	2.092	2.1	18.3
3 2	10 20.67	+10 13.8	1.108	2.094	3.9	18.4
3 12	10 12.69	+11 37.4	1.137	2.096	9.6	18.7
3 22	10 6.89	+12 44.6	1.188	2.099	14.7	19.0
4 1	10 4.08	+13 30.4	1.259	2.102	19.0	19.3

310980 2003 UV_{307} 2 24.3 26.°99 6.°4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.52	− 7 37.3	1.224	2.032	20.6	20.5
2 1	10 42.46	− 7 32.5	1.164	2.042	16.6	20.3
2 11	10 36.75	− 6 53.4	1.122	2.054	12.2	20.0
2 21	10 29.28	− 5 41.6	1.101	2.067	8.1	19.9
3 2	10 21.36	− 4 4.2	1.104	2.081	6.5	19.8
3 12	10 14.43	− 2 13.5	1.132	2.095	9.1	20.0
3 22	10 9.61	− 0 22.8	1.184	2.111	13.2	20.3
4 1	10 7.63	+ 1 16.7	1.256	2.128	17.2	20.5

39668 1995 YR_{5} 2 24.3 166.°80 3.°0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.13	+16 16.9	2.109	2.952	11.7	20.1
2 1	10 44.95	+17 14.3	2.038	2.954	8.5	19.9
2 11	10 37.86	+18 16.0	1.994	2.956	5.1	19.7
2 21	10 29.52	+19 15.6	1.977	2.958	3.0	19.5
3 2	10 20.84	+20 6.6	1.991	2.959	5.0	19.7
3 12	10 12.80	+20 44.0	2.032	2.960	8.3	19.9
3 22	10 6.21	+21 5.1	2.099	2.961	11.5	20.1
4 1	10 1.67	+21 9.6	2.188	2.962	14.3	20.3

26772 6033 P–L 2 24.3 116.°12 0.°3/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.61	+ 7 56.2	1.715	2.541	14.7	19.4
2 1	10 49.09	+ 8 32.9	1.656	2.562	10.8	19.2
2 11	10 40.30	+ 9 21.4	1.622	2.583	6.3	19.0
2 21	10 30.12	+10 15.9	1.615	2.602	1.5	18.7
3 2	10 19.69	+11 9.4	1.637	2.621	3.4	18.9
3 12	10 10.23	+11 55.5	1.689	2.639	7.9	19.2
3 22	10 2.66	+12 29.7	1.766	2.656	11.9	19.5
4 1	9 57.61	+12 50.0	1.865	2.673	15.2	19.7

46585 1992 RD_7 2 24.3 113.°56 0.°9/23.4 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 48.14	+ 9 49.0	2.127	2.961	12.0	18.9
2 1	10 43.45	+10 30.6	2.052	2.962	8.7	18.7
2 11	10 36.97	+11 21.4	2.001	2.964	5.1	18.5
2 21	10 29.30	+12 16.5	1.979	2.966	1.3	18.2
3 2	10 21.30	+13 10.0	1.986	2.968	3.2	18.4
3 12	10 13.88	+13 56.4	2.022	2.970	7.0	18.6
3 22	10 7.81	+14 31.9	2.085	2.971	10.5	18.8
4 1	10 3.66	+14 54.2	2.170	2.973	13.5	19.0

54338 2000 KN_{18} 2 24.3 194.°41 2.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.53	+13 25.2	1.824	2.669	13.2	19.2
2 1	10 45.51	+14 19.1	1.751	2.668	9.6	19.0
2 11	10 38.31	+15 20.7	1.703	2.667	5.6	18.7
2 21	10 29.66	+16 23.4	1.682	2.667	2.5	18.5
3 2	10 20.58	+17 19.7	1.690	2.666	4.7	18.7
3 12	10 12.21	+18 3.3	1.726	2.665	8.7	18.9
3 22	10 5.48	+18 30.6	1.787	2.664	12.4	19.1
4 1	10 1.08	+18 40.5	1.869	2.663	15.6	19.3

408847 2001 SX_{91} 2 24.3 71.°71 1.°9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.36	+ 2 0.1	1.680	2.498	15.4	21.1
2 1	10 45.29	+ 2 27.6	1.621	2.518	11.6	20.9
2 11	10 38.10	+ 3 12.9	1.585	2.539	7.3	20.7
2 21	10 29.59	+ 4 11.4	1.576	2.559	3.0	20.4
3 2	10 20.83	+ 5 16.5	1.594	2.579	3.1	20.5
3 12	10 12.93	+ 6 20.6	1.641	2.600	7.2	20.8
3 22	10 6.78	+ 7 17.3	1.713	2.620	11.2	21.1
4 1	10 2.97	+ 8 2.1	1.808	2.640	14.6	21.3

43880 1995 CX_7 2 24.3 235.°43 0.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.63	+ 7 59.7	1.503	2.340	15.9	19.4
2 1	10 48.33	+ 8 39.1	1.419	2.330	11.8	19.1
2 11	10 40.27	+ 9 34.3	1.357	2.320	7.0	18.8
2 21	10 30.22	+10 39.1	1.322	2.309	1.7	18.4
3 2	10 19.41	+11 45.2	1.314	2.298	4.0	18.6
3 12	10 9.32	+12 43.8	1.333	2.286	9.3	18.8
3 22	10 1.21	+13 28.3	1.377	2.273	14.2	19.1
4 1	9 55.98	+13 55.2	1.441	2.260	18.3	19.3

489052 2005 YL_{81} 2 24.3 40.°14 2.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.86	+ 2 51.5	1.660	2.482	15.3	20.9
2 1	10 45.06	+ 2 54.6	1.592	2.491	11.6	20.7
2 11	10 38.04	+ 3 14.0	1.546	2.500	7.4	20.5
2 21	10 29.60	+ 3 46.5	1.527	2.509	3.2	20.2
3 2	10 20.79	+ 4 26.9	1.534	2.519	3.2	20.3
3 12	10 12.77	+ 5 8.8	1.570	2.529	7.4	20.5
3 22	10 6.50	+ 5 46.4	1.630	2.540	11.5	20.8
4 1	10 2.61	+ 6 15.2	1.713	2.551	15.0	21.0

52708 1998 FS_{82} 2 24.3 38.°31 3.°4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.22	+16 51.7	1.880	2.733	12.4	18.8
2 1	10 43.66	+17 51.1	1.824	2.744	9.0	18.6
2 11	10 37.12	+18 54.0	1.792	2.756	5.5	18.4
2 21	10 29.35	+19 53.3	1.789	2.768	3.4	18.3
3 2	10 21.32	+20 42.3	1.813	2.781	5.4	18.5
3 12	10 14.06	+21 15.7	1.865	2.794	8.8	18.7
3 22	10 8.40	+21 31.6	1.941	2.807	12.1	18.9
4 1	10 4.89	+21 29.8	2.038	2.821	14.9	19.1

170147 2003 BA_{29} 2 24.3 56.°55 3.°6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.19	+16 45.5	2.028	2.879	11.7	19.6
2 1	10 42.82	+18 7.6	1.971	2.891	8.5	19.5
2 11	10 36.60	+19 33.8	1.940	2.903	5.2	19.3
2 21	10 29.22	+20 56.5	1.938	2.915	3.6	19.2
3 2	10 21.56	+22 8.1	1.964	2.928	5.6	19.3
3 12	10 14.58	+23 3.2	2.019	2.940	8.7	19.6
3 22	10 9.05	+23 38.9	2.098	2.953	11.8	19.8
4 1	10 5.53	+23 55.2	2.198	2.966	14.4	20.0

6078 Burt 2 24.3 138.°56 3.°5/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.77	− 4 4.4	2.399	3.171	12.7	18.0
2 1	10 43.70	− 3 54.2	2.318	3.181	10.0	17.8
2 11	10 37.03	− 3 27.4	2.262	3.191	7.1	17.6
2 21	10 29.33	− 2 45.6	2.233	3.201	4.3	17.5
3 2	10 21.34	− 1 52.4	2.233	3.209	3.6	17.4
3 12	10 13.87	− 0 52.7	2.263	3.218	5.8	17.6
3 22	10 7.60	+ 0 7.8	2.321	3.226	8.8	17.8
4 1	10 3.05	+ 1 4.2	2.405	3.233	11.5	18.0

504134 2006 RM_{97} 2 24.3 162.°20 4.°3/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.28	+24 10.3	2.635	3.472	9.8	21.5
2 1	10 46.18	+24 48.3	2.568	3.475	7.4	21.4
2 11	10 38.43	+25 23.1	2.528	3.478	5.2	21.2
2 21	10 29.67	+25 49.9	2.518	3.481	4.3	21.2
3 2	10 20.68	+26 4.3	2.537	3.483	5.7	21.3
3 12	10 12.31	+26 3.9	2.585	3.485	8.0	21.4
3 22	10 5.25	+25 48.4	2.658	3.487	10.4	21.6
4 1	10 0.02	+25 18.9	2.755	3.489	12.6	21.8

130959 2000 WF_{96} 2 24.3 123.°47 0.°1/24.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 53.98	+ 7 31.9	1.850	2.674	13.9	20.8
2 1	10 47.82	+ 8 5.1	1.786	2.691	10.2	20.6
2 11	10 39.55	+ 8 49.7	1.747	2.707	6.0	20.3
2 21	10 29.96	+ 9 40.7	1.735	2.722	1.5	20.1
3 2	10 20.10	+10 31.8	1.753	2.737	3.1	20.2
3 12	10 11.06	+11 16.9	1.800	2.751	7.4	20.5
3 22	10 3.75	+11 51.6	1.874	2.765	11.2	20.8
4 1	9 58.76	+12 13.7	1.970	2.778	14.5	21.0

433883 2015 BC_{356} 2 24.3 53.°68 0.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.32	+ 8 20.7	1.956	2.791	12.8	21.0
2 1	10 42.97	+ 9 12.7	1.885	2.796	9.4	20.8
2 11	10 36.74	+10 16.3	1.838	2.802	5.4	20.6
2 21	10 29.28	+11 25.9	1.820	2.807	1.3	20.3
3 2	10 21.47	+12 34.6	1.830	2.813	3.2	20.5
3 12	10 14.30	+13 35.9	1.869	2.819	7.3	20.7
3 22	10 8.57	+14 24.9	1.934	2.825	11.0	21.0
4 1	10 4.88	+14 58.8	2.021	2.831	14.1	21.2

22967 1999 VK_4 2 24.3 137.°28 1.°6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.60	+ 1 6.6	2.504	3.299	11.6	19.9
2 1	10 43.49	+ 1 40.4	2.428	3.312	8.8	19.7
2 11	10 36.87	+ 2 27.6	2.377	3.325	5.6	19.5
2 21	10 29.30	+ 3 25.1	2.355	3.336	2.5	19.3
3 2	10 21.47	+ 4 28.4	2.364	3.348	2.4	19.4
3 12	10 14.16	+ 5 32.0	2.403	3.359	5.5	19.6
3 22	10 8.00	+ 6 31.4	2.470	3.369	8.6	19.8
4 1	10 3.49	+ 7 22.5	2.563	3.379	11.3	20.0

502186 2015 BO_{66} 2 24.3 7.°86 1.°7/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.08	+12 9.7	1.999	2.839	12.4	21.6
2 1	10 44.27	+12 52.6	1.924	2.839	9.0	21.4
2 11	10 37.52	+13 43.2	1.875	2.839	5.2	21.2
2 21	10 29.48	+14 36.0	1.853	2.839	1.8	20.9
3 2	10 21.07	+15 24.7	1.861	2.839	3.9	21.1
3 12	10 13.30	+16 3.9	1.896	2.840	7.7	21.3
3 22	10 6.99	+16 30.0	1.958	2.840	11.3	21.5
4 1	10 2.76	+16 41.5	2.042	2.840	14.3	21.7

297232 3388 T_{-3} 2 24.3 178.°07 5.°8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.93	+23 22.6	1.744	2.587	13.7	21.5
2 1	10 51.82	+24 17.6	1.678	2.589	10.3	21.3
2 11	10 42.08	+25 9.9	1.638	2.591	7.1	21.1
2 21	10 30.63	+25 50.9	1.625	2.591	5.8	21.0
3 2	10 18.78	+26 13.1	1.640	2.592	7.7	21.1
3 12	10 7.94	+26 12.5	1.683	2.591	11.1	21.3
3 22	9 59.21	+25 49.6	1.749	2.590	14.4	21.5
4 1	9 53.31	+25 7.2	1.836	2.588	17.4	21.7

344076 1998 HJ_3 2 24.3 258.°88 3.°0/26.8 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	− 2 25.5	2.352	3.113	13.3	23.9
2 1	10 52.38	− 2 1.9	2.213	3.074	10.5	23.6
2 11	10 42.57	− 1 19.5	2.099	3.033	7.3	23.3
2 21	10 30.85	− 0 19.2	2.015	2.989	3.9	23.1
3 2	10 18.09	+ 0 55.2	1.964	2.944	3.5	22.9
3 12	10 5.36	+ 2 17.7	1.946	2.895	7.0	23.1
3 22	9 53.77	+ 3 41.0	1.958	2.845	11.1	23.2
4 1	9 44.24	+ 4 58.6	1.998	2.792	14.8	23.4

265643 2005 TM_{63} 2 24.3 123.°65 0.°4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.16	+ 6 25.4	1.864	2.690	13.7	21.5
2 1	10 45.16	+ 6 53.1	1.788	2.694	10.2	21.3
2 11	10 38.09	+ 7 33.6	1.737	2.697	6.1	21.0
2 21	10 29.65	+ 8 22.4	1.714	2.700	1.7	20.7
3 2	10 20.83	+ 9 13.7	1.719	2.703	2.9	20.8
3 12	10 12.68	+10 1.2	1.752	2.707	7.3	21.1
3 22	10 6.10	+10 40.0	1.811	2.710	11.2	21.3
4 1	10 1.73	+11 6.7	1.893	2.712	14.5	21.6

467997 2012 TX_{271} 2 24.3 174.°56 0.°2/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.02	+ 8 27.6	2.870	3.687	9.7	22.5
2 1	10 42.96	+ 9 0.4	2.787	3.689	7.1	22.3
2 11	10 36.54	+ 9 40.7	2.732	3.691	4.1	22.1
2 21	10 29.24	+10 24.9	2.706	3.693	1.0	21.9
3 2	10 21.68	+11 9.2	2.711	3.694	2.3	22.0
3 12	10 14.53	+11 49.7	2.747	3.695	5.4	22.2
3 22	10 8.38	+12 23.3	2.811	3.695	8.2	22.4
4 1	10 3.69	+12 47.9	2.900	3.695	10.6	22.5

502042 2015 AM_{142} 2 24.3 164.°64 0.°9/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.90	+ 5 26.6	2.181	2.995	12.4	21.9
2 1	10 45.43	+ 5 39.4	2.101	2.998	9.3	21.7
2 11	10 38.14	+ 6 3.3	2.045	3.001	5.7	21.5
2 21	10 29.66	+ 6 35.1	2.018	3.003	1.9	21.2
3 2	10 20.83	+ 7 10.6	2.020	3.005	2.6	21.3
3 12	10 12.57	+ 7 44.9	2.052	3.007	6.3	21.5
3 22	10 5.67	+ 8 14.0	2.112	3.008	9.9	21.8
4 1	10 0.73	+ 8 34.9	2.195	3.010	12.9	22.0

29832 Steinwehr 2 24.3 0.°92 3.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.77	+14 32.9	1.467	2.327	14.9	18.3
2 1	10 44.66	+15 33.7	1.401	2.326	10.8	18.0
2 11	10 38.01	+16 43.0	1.359	2.325	6.4	17.8
2 21	10 29.66	+17 52.1	1.342	2.325	3.3	17.6
3 2	10 20.83	+18 51.8	1.351	2.326	5.9	17.8
3 12	10 12.86	+19 34.4	1.387	2.327	10.3	18.0
3 22	10 6.87	+19 56.1	1.445	2.329	14.4	18.2
4 1	10 3.57	+19 56.5	1.523	2.331	18.0	18.5

425119 2009 SE_{183} 2 24.3 172.°98 0.°4/24.7 16

1 22	10 51.58	+ 6 39.7	2.439	3.250	11.4	22.6
2 1	10 45.77	+ 7 0.5	2.356	3.254	8.4	22.4
2 11	10 38.27	+ 7 30.6	2.300	3.257	5.1	22.2
2 21	10 29.69	+ 8 6.9	2.273	3.259	1.4	21.9
3 2	10 20.79	+ 8 45.0	2.276	3.261	2.4	22.0
3 12	10 12.41	+ 9 20.6	2.310	3.262	6.0	22.3
3 22	10 5.27	+ 9 50.2	2.372	3.262	9.2	22.5
4 1	9 59.92	+10 11.2	2.459	3.262	12.1	22.6

169268 2001 SN_{186} 2 24.3 350.°80 0.°3/24.6 18

1 22	10 45.02	+ 4 51.9	1.921	2.750	13.2	19.6
2 1	10 41.40	+ 5 49.2	1.841	2.748	9.8	19.4
2 11	10 35.90	+ 7 2.6	1.785	2.745	5.9	19.1
2 21	10 29.13	+ 8 26.6	1.756	2.743	1.6	18.8
3 2	10 21.94	+ 9 54.0	1.756	2.741	2.9	18.9
3 12	10 15.31	+11 16.9	1.785	2.740	7.1	19.2
3 22	10 10.06	+12 28.9	1.839	2.739	11.0	19.4
4 1	10 6.81	+13 25.5	1.917	2.738	14.3	19.6

104388 2000 FZ_{36} 2 24.3 231.°85 1.°7/26.2 18

1 22	10 46.42	+ 0 50.9	2.353	3.154	12.0	19.4
2 1	10 42.13	+ 1 27.2	2.261	3.149	9.2	19.2
2 11	10 36.21	+ 2 18.8	2.195	3.143	5.9	19.0
2 21	10 29.19	+ 3 22.6	2.156	3.137	2.6	18.7
3 2	10 21.80	+ 4 33.9	2.147	3.131	2.5	18.7
3 12	10 14.83	+ 5 46.6	2.167	3.125	5.8	18.9
3 22	10 9.00	+ 6 55.1	2.216	3.119	9.2	19.1
4 1	10 4.87	+ 7 54.9	2.289	3.112	12.2	19.3

68530 2001 VQ_{69} 2 24.3 183.°79 2.°1/25.9 18

1 22	10 55.53	+ 2 44.3	1.935	2.737	14.2	19.4
2 1	10 49.09	+ 2 44.2	1.850	2.738	10.9	19.2
2 11	10 40.43	+ 2 58.2	1.789	2.738	7.0	19.0
2 21	10 30.27	+ 3 24.0	1.756	2.738	3.1	18.7
3 2	10 19.62	+ 3 57.4	1.753	2.736	3.1	18.7
3 12	10 9.63	+ 4 33.0	1.779	2.734	7.1	19.0
3 22	10 1.25	+ 5 5.7	1.832	2.731	11.0	19.2
4 1	9 55.20	+ 5 31.6	1.909	2.727	14.4	19.4

127356 2002 JB_{128} 2 24.3 214.°52 1.°7/25.9 17

1 22	10 47.67	+ 1 51.5	2.078	2.887	13.1	20.1
2 1	10 43.20	+ 2 22.4	1.993	2.885	10.0	19.8
2 11	10 36.91	+ 3 9.2	1.932	2.884	6.4	19.6
2 21	10 29.38	+ 4 8.4	1.899	2.882	2.7	19.4
3 2	10 21.44	+ 5 14.9	1.895	2.880	2.7	19.4
3 12	10 14.03	+ 6 22.0	1.920	2.878	6.4	19.6
3 22	10 7.95	+ 7 23.8	1.972	2.875	10.1	19.8
4 1	10 3.81	+ 8 15.8	2.047	2.873	13.3	20.0

4012 Geballe 2 24.3 123.°16 3.°0/26.6 18 R

1 22	10 53.79	− 0 17.8	1.639	2.443	16.3	17.3
2 1	10 47.97	− 0 5.3	1.571	2.457	12.6	17.1
2 11	10 39.80	+ 0 27.3	1.525	2.471	8.3	16.9
2 21	10 30.10	+ 1 16.9	1.505	2.484	4.1	16.6
3 2	10 20.03	+ 2 17.5	1.514	2.497	3.7	16.6
3 12	10 10.82	+ 3 21.5	1.551	2.509	7.6	16.9
3 22	10 3.49	+ 4 21.4	1.613	2.520	11.7	17.2
4 1	9 58.70	+ 5 11.7	1.698	2.531	15.3	17.4

334635 2002 VZ_{117} 2 24.3 43.°43 12.°3/ 5.4 18

1 22	11 0.59	−20 59.3	1.797	2.466	19.7	19.6
2 1	10 52.87	−23 7.5	1.750	2.503	17.5	19.5
2 11	10 42.64	−24 44.9	1.723	2.540	15.2	19.4
2 21	10 30.81	−25 46.2	1.718	2.578	13.3	19.4
3 2	10 18.62	−26 9.5	1.737	2.616	12.3	19.4
3 12	10 7.45	−25 58.7	1.780	2.654	12.5	19.5
3 22	9 58.35	−25 21.6	1.847	2.692	13.6	19.7
4 1	9 52.02	−24 28.1	1.934	2.730	15.1	19.9

430141 2013 TS_{44} 2 24.3 76.°94 0.°6/24.9 18

1 22	10 49.14	+ 5 41.7	1.972	2.795	13.2	21.4
2 1	10 44.26	+ 6 7.6	1.902	2.805	9.8	21.2
2 11	10 37.49	+ 6 46.1	1.856	2.815	5.9	21.0
2 21	10 29.51	+ 7 32.8	1.838	2.824	1.8	20.7
3 2	10 21.23	+ 8 22.4	1.849	2.834	2.7	20.8
3 12	10 13.61	+ 9 9.1	1.888	2.844	6.7	21.1
3 22	10 7.47	+ 9 48.1	1.954	2.853	10.4	21.3
4 1	10 3.37	+10 16.3	2.043	2.863	13.6	21.5

27703 1984 SA_2 2 24.3 41.°64 2.°2/25.6 18

	h m	° ′			°	m
1 22	10 53.17	+ 3 57.8	1.242	2.080	18.5	17.2
2 1	10 48.11	+ 3 50.1	1.180	2.088	14.0	17.0
2 11	10 40.13	+ 4 1.3	1.139	2.097	8.8	16.7
2 21	10 30.22	+ 4 27.8	1.122	2.106	3.6	16.4
3 2	10 19.82	+ 5 3.4	1.130	2.116	3.9	16.5
3 12	10 10.54	+ 5 40.2	1.164	2.126	9.1	16.8
3 22	10 3.62	+ 6 11.2	1.221	2.136	14.0	17.1
4 1	9 59.82	+ 6 31.5	1.298	2.147	18.1	17.4

313729 2003 UG_{174} 2 24.3 166.°62 0.°1/24.2 18

1 22	10 52.83	+ 7 32.5	2.056	2.876	12.8	21.6
2 1	10 46.95	+ 8 6.0	1.979	2.882	9.5	21.4
2 11	10 39.09	+ 8 50.5	1.927	2.886	5.6	21.2
2 21	10 29.93	+ 9 41.3	1.903	2.890	1.4	20.9
3 2	10 20.39	+10 32.9	1.910	2.893	2.9	21.0
3 12	10 11.50	+11 19.4	1.946	2.896	7.0	21.3
3 22	10 4.11	+11 56.6	2.009	2.898	10.7	21.5
4 1	9 58.84	+12 21.7	2.095	2.899	13.8	21.7

185363 2006 VK_{96} 2 24.3 143.°92 0.°5/24.8 18

1 22	10 50.97	+ 5 47.4	1.945	2.766	13.4	21.2
2 1	10 45.67	+ 6 17.3	1.870	2.772	10.0	21.0
2 11	10 38.36	+ 7 0.1	1.820	2.778	6.0	20.8
2 21	10 29.75	+ 7 51.4	1.797	2.784	1.7	20.5
3 2	10 20.77	+ 8 45.5	1.804	2.789	2.8	20.6
3 12	10 12.46	+ 9 36.2	1.840	2.794	7.0	20.9
3 22	10 5.68	+10 18.6	1.902	2.799	10.8	21.1
4 1	10 1.05	+10 49.3	1.988	2.803	14.0	21.3

503214 2015 HX_{36} 2 24.3 242.°62 4.°6/18.7 18

1 22	10 48.37	+23 31.5	2.509	3.355	9.9	20.9
2 1	10 43.53	+24 37.2	2.439	3.351	7.5	20.7
2 11	10 37.01	+25 41.6	2.396	3.347	5.3	20.6
2 21	10 29.40	+26 38.6	2.381	3.342	4.7	20.5
3 2	10 21.46	+27 22.6	2.395	3.338	6.2	20.6
3 12	10 14.04	+27 50.0	2.438	3.333	8.7	20.7
3 22	10 7.87	+27 59.4	2.505	3.328	11.1	20.9
4 1	10 3.49	+27 51.4	2.593	3.324	13.3	21.1

301044 2008 TQ_{65} 2 24.3 27.°77 4.°0/26.9 18

1 22	10 49.07	− 0 35.5	1.133	1.969	20.0	19.9
2 1	10 45.29	− 0 37.6	1.074	1.977	15.6	19.7
2 11	10 38.55	− 0 12.5	1.034	1.986	10.4	19.4
2 21	10 29.84	+ 0 36.5	1.016	1.995	5.4	19.2
3 2	10 20.61	+ 1 42.2	1.022	2.006	4.7	19.2
3 12	10 12.49	+ 2 53.6	1.052	2.017	9.3	19.5
3 22	10 6.74	+ 4 0.5	1.105	2.029	14.2	19.8
4 1	10 4.14	+ 4 54.7	1.177	2.042	18.6	20.1

263669 2008 GU_{113} 2 24.3 79.°80 0.°3/24.5 18

1 22	10 50.65	+ 6 50.5	1.725	2.557	14.4	20.9
2 1	10 45.67	+ 7 16.2	1.652	2.560	10.7	20.7
2 11	10 38.47	+ 7 55.1	1.602	2.563	6.4	20.5
2 21	10 29.80	+ 8 42.5	1.579	2.566	1.7	20.2
3 2	10 20.70	+ 9 32.1	1.584	2.569	3.1	20.3
3 12	10 12.34	+10 17.4	1.617	2.572	7.7	20.5
3 22	10 5.68	+10 53.1	1.675	2.575	11.8	20.8
4 1	10 1.39	+11 16.2	1.756	2.578	15.3	21.0

263866 2009 DF_{33} 2 24.3 273.°02 2.°5/22.4 17

1 22	10 52.70	+13 36.0	1.654	2.500	14.2	21.1
2 1	10 47.52	+14 17.3	1.566	2.484	10.4	20.8
2 11	10 39.77	+15 7.4	1.502	2.467	6.2	20.5
2 21	10 30.18	+15 59.5	1.465	2.450	2.6	20.3
3 2	10 19.86	+16 45.7	1.456	2.433	5.0	20.4
3 12	10 10.19	+17 19.1	1.474	2.416	9.6	20.6
3 22	10 2.33	+17 35.7	1.516	2.399	13.9	20.8
4 1	9 57.14	+17 34.2	1.579	2.381	17.7	21.0

219009 2009 HP_{72} 2 24.3 259.°08 4.°6/20.3 18

1 22	10 52.05	+18 29.2	1.719	2.571	13.4	20.6
2 1	10 46.97	+19 40.5	1.640	2.559	9.9	20.4
2 11	10 39.39	+20 56.7	1.585	2.547	6.4	20.1
2 21	10 30.07	+22 8.9	1.558	2.534	4.6	20.0
3 2	10 20.12	+23 8.1	1.559	2.521	6.9	20.1
3 12	10 10.86	+23 47.5	1.587	2.508	10.7	20.3
3 22	10 3.41	+24 4.2	1.638	2.495	14.4	20.5
4 1	9 58.56	+23 58.6	1.709	2.482	17.7	20.7

136905 1998 HF_{78} 2 24.3 54.°15 8.°3/ 5.6 18

1 22	10 45.77	−19 25.0	2.253	2.939	15.8	19.5
2 1	10 41.74	−19 39.2	2.173	2.950	13.7	19.3
2 11	10 36.01	−19 26.7	2.113	2.961	11.6	19.2
2 21	10 29.17	−18 46.6	2.075	2.973	9.6	19.1
3 2	10 22.01	−17 40.3	2.062	2.985	8.4	19.0
3 12	10 15.40	−16 13.2	2.076	2.997	8.6	19.1
3 22	10 10.06	−14 32.8	2.116	3.009	10.0	19.2
4 1	10 6.56	−12 47.3	2.181	3.022	12.1	19.3

165511 2001 CN_6 2 24.3 65.°49 0.°9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.06	+ 9 29.9	1.406	2.249	16.4	19.9
2 1	10 48.32	+10 2.6	1.357	2.272	11.9	19.7
2 11	10 40.01	+10 47.2	1.330	2.294	6.9	19.4
2 21	10 30.17	+11 36.7	1.329	2.317	1.7	19.2
3 2	10 20.11	+12 23.2	1.356	2.339	4.0	19.4
3 12	10 11.24	+12 59.8	1.410	2.362	8.9	19.7
3 22	10 4.55	+13 22.6	1.487	2.385	13.2	20.0
4 1	10 0.67	+13 29.8	1.585	2.407	16.7	20.3

378787 2008 SR_{67} 2 24.3 172.°93 1.°0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.70	+10 47.6	2.225	3.056	11.6	21.5
2 1	10 44.57	+11 23.4	2.148	3.058	8.5	21.3
2 11	10 37.66	+12 6.9	2.096	3.059	4.9	21.1
2 21	10 29.59	+12 53.5	2.073	3.060	1.4	20.8
3 2	10 21.18	+13 37.9	2.079	3.060	3.2	20.9
3 12	10 13.33	+14 15.2	2.115	3.061	6.9	21.2
3 22	10 6.82	+14 42.0	2.178	3.061	10.3	21.4
4 1	10 2.20	+14 56.5	2.264	3.061	13.1	21.6

347435 2012 TS_{88} 2 24.3 105.°92 1.°8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.87	+ 1 12.8	2.355	3.157	12.0	21.3
2 1	10 42.39	+ 1 36.1	2.275	3.163	9.2	21.1
2 11	10 36.33	+ 2 13.3	2.220	3.168	5.9	20.9
2 21	10 29.25	+ 3 1.5	2.193	3.173	2.7	20.7
3 2	10 21.87	+ 3 56.5	2.195	3.179	2.5	20.7
3 12	10 14.99	+ 4 53.0	2.226	3.184	5.7	20.9
3 22	10 9.28	+ 5 46.0	2.286	3.189	8.9	21.1
4 1	10 5.26	+ 6 31.6	2.370	3.194	11.8	21.3

168561 1999 XP_{27} 2 24.3 179.°57 2.°8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.21	+15 35.1	2.105	2.942	11.9	20.4
2 1	10 47.26	+16 31.6	2.031	2.944	8.7	20.2
2 11	10 39.30	+17 33.1	1.984	2.946	5.2	20.0
2 21	10 30.01	+18 32.9	1.965	2.946	2.9	19.8
3 2	10 20.33	+19 24.6	1.976	2.946	4.8	19.9
3 12	10 11.31	+20 2.9	2.016	2.945	8.3	20.1
3 22	10 3.80	+20 25.2	2.082	2.943	11.6	20.3
4 1	9 58.44	+20 30.9	2.170	2.941	14.5	20.5

372677 2009 WR_{127} 2 24.3 179.°08 2.°0/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.17	+ 1 42.0	2.080	2.886	13.2	21.4
2 1	10 44.29	+ 1 57.5	1.997	2.887	10.1	21.2
2 11	10 37.56	+ 2 28.0	1.938	2.887	6.5	20.9
2 21	10 29.58	+ 3 10.6	1.906	2.887	2.9	20.7
3 2	10 21.20	+ 4 1.0	1.903	2.887	2.8	20.7
3 12	10 13.37	+ 4 53.2	1.929	2.887	6.4	20.9
3 22	10 6.91	+ 5 42.0	1.982	2.887	10.0	21.1
4 1	10 2.43	+ 6 22.9	2.059	2.886	13.2	21.3

455728 2005 GU_{132} 2 24.3 295.°63 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.92	+ 9 55.6	1.541	2.388	15.0	21.8
2 1	10 45.59	+10 38.7	1.455	2.372	11.1	21.5
2 11	10 38.69	+11 35.6	1.392	2.357	6.5	21.2
2 21	10 29.92	+12 39.9	1.355	2.342	1.8	20.8
3 2	10 20.43	+13 43.2	1.345	2.327	4.3	21.0
3 12	10 11.58	+14 37.1	1.361	2.312	9.3	21.2
3 22	10 4.57	+15 15.6	1.402	2.297	14.0	21.4
4 1	10 0.25	+15 35.6	1.463	2.283	18.0	21.7

133070 2003 HP_{31} 2 24.3 167.°77 1.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.21	+ 2 28.5	1.708	2.523	15.3	20.9
2 1	10 46.87	+ 2 51.2	1.631	2.526	11.6	20.7
2 11	10 39.22	+ 3 31.5	1.576	2.529	7.3	20.4
2 21	10 30.02	+ 4 25.8	1.548	2.531	3.0	20.2
3 2	10 20.33	+ 5 27.8	1.548	2.533	3.2	20.2
3 12	10 11.36	+ 6 30.0	1.576	2.534	7.6	20.5
3 22	10 4.12	+ 7 25.8	1.630	2.535	11.8	20.7
4 1	9 59.33	+ 8 10.1	1.707	2.535	15.5	20.9

430727 2004 FU_{90} 2 24.3 293.°60 2.°6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.55	+16 17.6	2.184	3.025	11.4	20.6
2 1	10 45.29	+16 47.4	2.103	3.018	8.3	20.4
2 11	10 38.13	+17 20.3	2.048	3.011	5.0	20.2
2 21	10 29.72	+17 51.4	2.022	3.004	2.6	20.0
3 2	10 20.94	+18 15.6	2.024	2.997	4.4	20.1
3 12	10 12.73	+18 28.8	2.056	2.991	7.8	20.3
3 22	10 5.93	+18 28.9	2.113	2.984	11.1	20.5
4 1	10 1.13	+18 15.6	2.193	2.977	13.9	20.7

110331 2001 SE_{289} 2 24.3 79.°52 4.°2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.09	+16 51.7	1.743	2.596	13.3	19.3
2 1	10 45.19	+18 27.8	1.693	2.614	9.6	19.2
2 11	10 38.13	+20 8.3	1.669	2.631	6.0	19.0
2 21	10 29.72	+21 43.7	1.672	2.649	4.2	18.9
3 2	10 21.02	+23 4.7	1.704	2.666	6.4	19.1
3 12	10 13.18	+24 4.9	1.763	2.683	9.9	19.3
3 22	10 7.11	+24 41.9	1.846	2.700	13.2	19.6
4 1	10 3.39	+24 56.1	1.950	2.717	16.0	19.8

219610 2001 TN_{96} 2 24.3 240.°58 4.°7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.84	− 7 14.5	2.305	3.061	13.6	21.3
2 1	10 44.82	− 7 12.9	2.196	3.044	11.1	21.1
2 11	10 37.93	− 6 51.7	2.110	3.026	8.3	20.9
2 21	10 29.71	− 6 10.9	2.050	3.008	5.7	20.7
3 2	10 20.91	− 5 13.2	2.020	2.989	4.8	20.6
3 12	10 12.46	− 4 3.6	2.018	2.969	6.7	20.7
3 22	10 5.19	− 2 48.5	2.044	2.949	9.8	20.8
4 1	9 59.77	− 1 34.5	2.096	2.928	12.8	21.0

492439 2014 MT_{30} 2 24.3 182.°75 2.°1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.51	+12 55.3	1.881	2.718	13.1	22.0
2 1	10 47.68	+13 44.8	1.806	2.719	9.6	21.8
2 11	10 39.64	+14 42.1	1.756	2.719	5.6	21.5
2 21	10 30.12	+15 40.8	1.734	2.719	2.2	21.3
3 2	10 20.16	+16 33.8	1.741	2.718	4.4	21.5
3 12	10 10.90	+17 14.9	1.777	2.717	8.5	21.7
3 22	10 3.32	+17 40.7	1.839	2.714	12.2	21.9
4 1	9 58.09	+17 50.1	1.923	2.712	15.4	22.1

17707 1997 VM_7 2 24.3 239.°14 3.°2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.66	+15 10.8	1.673	2.520	14.0	18.8
2 1	10 48.16	+16 4.7	1.593	2.510	10.3	18.6
2 11	10 40.11	+17 6.0	1.536	2.500	6.2	18.3
2 21	10 30.28	+18 6.9	1.507	2.490	3.2	18.1
3 2	10 19.81	+18 59.0	1.506	2.479	5.6	18.2
3 12	10 10.06	+19 35.5	1.532	2.467	9.9	18.4
3 22	10 2.18	+19 52.9	1.582	2.456	14.0	18.6
4 1	9 56.96	+19 50.7	1.653	2.444	17.5	18.9

88606 2001 QU_{294} 2 24.3 159.°04 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.20	+ 5 35.1	2.162	2.976	12.5	20.7
2 1	10 45.68	+ 6 2.1	2.084	2.982	9.3	20.5
2 11	10 38.32	+ 6 40.8	2.031	2.988	5.6	20.3
2 21	10 29.78	+ 7 27.5	2.007	2.993	1.7	20.0
3 2	10 20.88	+ 8 16.9	2.012	2.997	2.6	20.1
3 12	10 12.59	+ 9 3.8	2.048	3.001	6.5	20.3
3 22	10 5.67	+ 9 43.8	2.110	3.005	10.0	20.6
4 1	10 0.73	+10 13.6	2.197	3.008	13.0	20.8

72158 2000 YU_{99} 2 24.3 81.°60 2.°1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.04	+11 26.1	1.533	2.378	15.2	19.7
2 1	10 47.45	+12 29.4	1.483	2.400	11.0	19.5
2 11	10 39.48	+13 42.7	1.457	2.422	6.3	19.3
2 21	10 30.06	+14 57.4	1.458	2.444	2.3	19.1
3 2	10 20.40	+16 4.6	1.488	2.466	4.7	19.3
3 12	10 11.81	+16 57.1	1.544	2.488	9.1	19.6
3 22	10 5.23	+17 31.3	1.625	2.509	13.1	19.9
4 1	10 1.27	+17 46.3	1.727	2.530	16.4	20.2

162742 2000 WV_{14} 2 24.3 107.°93 3.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.23	+15 17.2	1.676	2.520	14.1	20.5
2 1	10 48.96	+16 8.5	1.621	2.537	10.3	20.3
2 11	10 40.35	+17 4.8	1.590	2.554	6.1	20.1
2 21	10 30.28	+17 58.5	1.587	2.570	3.1	20.0
3 2	10 19.95	+18 42.1	1.612	2.585	5.3	20.1
3 12	10 10.63	+19 10.3	1.665	2.600	9.2	20.4
3 22	10 3.27	+19 20.9	1.743	2.615	13.0	20.7
4 1	9 58.51	+19 14.3	1.842	2.629	16.1	20.9

310882 2003 PH_6 2 24.3 159.°90 2.°1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.56	+ 1 44.5	2.075	2.874	13.5	21.2
2 1	10 47.47	+ 1 54.2	1.996	2.881	10.3	21.0
2 11	10 39.41	+ 2 18.6	1.941	2.888	6.7	20.7
2 21	10 30.06	+ 2 54.7	1.913	2.894	3.0	20.5
3 2	10 20.34	+ 3 38.3	1.916	2.900	3.0	20.5
3 12	10 11.25	+ 4 23.9	1.948	2.904	6.5	20.8
3 22	10 3.65	+ 5 6.4	2.008	2.908	10.2	21.0
4 1	9 58.15	+ 5 41.7	2.092	2.911	13.3	21.2

41442 2000 JS_{51} 2 24.3 203.°90 1.°5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.45	+11 57.0	1.933	2.763	13.1	19.0
2 1	10 49.12	+12 30.8	1.849	2.758	9.6	18.8
2 11	10 40.52	+13 12.4	1.790	2.752	5.6	18.5
2 21	10 30.38	+13 56.6	1.759	2.746	1.8	18.2
3 2	10 19.71	+14 36.9	1.759	2.739	3.9	18.4
3 12	10 9.69	+15 7.9	1.787	2.730	8.1	18.6
3 22	10 1.33	+15 26.2	1.842	2.722	12.0	18.8
4 1	9 55.34	+15 30.3	1.920	2.712	15.3	19.0

202553 2006 DY_{197} 2 24.3 230.°49 0.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.95	+ 8 57.7	1.550	2.389	15.4	20.6
2 1	10 47.69	+ 9 26.5	1.473	2.386	11.4	20.3
2 11	10 39.84	+10 8.1	1.419	2.383	6.7	20.0
2 21	10 30.22	+10 56.9	1.392	2.379	1.6	19.7
3 2	10 20.02	+11 45.5	1.392	2.376	3.8	19.9
3 12	10 10.62	+12 26.6	1.419	2.372	8.8	20.1
3 22	10 3.15	+12 55.2	1.471	2.368	13.3	20.4
4 1	9 58.40	+13 8.5	1.543	2.364	17.2	20.6

215894 2005 GN_{53} 2 24.3 236.°21 0.°6/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.17	+ 5 30.9	1.965	2.784	13.4	22.3
2 1	10 45.99	+ 5 58.9	1.872	2.773	10.0	22.0
2 11	10 38.70	+ 6 40.6	1.804	2.762	6.1	21.8
2 21	10 29.93	+ 7 32.2	1.763	2.749	1.9	21.5
3 2	10 20.59	+ 8 28.1	1.752	2.737	2.9	21.5
3 12	10 11.76	+ 9 21.8	1.769	2.723	7.2	21.7
3 22	10 4.39	+10 7.8	1.813	2.710	11.2	22.0
4 1	9 59.20	+10 42.3	1.880	2.696	14.7	22.1

234939 2002 VM_{20} 2 24.3 137.°27 2.°1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.21	+ 0 25.2	2.614	3.404	11.3	20.7
2 1	10 43.21	+ 0 39.6	2.534	3.414	8.7	20.6
2 11	10 36.76	+ 1 6.7	2.480	3.423	5.7	20.4
2 21	10 29.39	+ 1 44.0	2.454	3.432	2.8	20.2
3 2	10 21.76	+ 2 28.3	2.458	3.441	2.6	20.2
3 12	10 14.60	+ 3 15.0	2.492	3.449	5.3	20.4
3 22	10 8.53	+ 4 0.0	2.555	3.456	8.2	20.6
4 1	10 4.04	+ 4 39.6	2.643	3.464	10.8	20.8

226908 2004 TJ_{192} 2 24.3 264.°88 1.°2/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.83	+10 51.8	1.920	2.758	12.9	20.9
2 1	10 44.97	+11 30.3	1.841	2.754	9.4	20.6
2 11	10 38.06	+12 18.2	1.786	2.750	5.5	20.4
2 21	10 29.76	+13 9.9	1.760	2.746	1.6	20.1
3 2	10 21.02	+13 59.2	1.762	2.743	3.7	20.3
3 12	10 12.90	+14 40.0	1.792	2.739	7.8	20.5
3 22	10 6.30	+15 8.5	1.848	2.735	11.6	20.7
4 1	10 1.88	+15 22.6	1.926	2.731	14.8	20.9

389782 2011 UA_{18} 2 24.3 242.°23 1.°7/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.59	+ 1 21.5	2.797	3.592	10.5	21.4
2 1	10 42.08	+ 1 40.6	2.696	3.579	8.1	21.2
2 11	10 36.15	+ 2 11.7	2.621	3.567	5.3	21.0
2 21	10 29.26	+ 2 52.5	2.574	3.554	2.5	20.8
3 2	10 22.01	+ 3 39.7	2.558	3.541	2.3	20.7
3 12	10 15.09	+ 4 29.2	2.572	3.528	5.1	20.9
3 22	10 9.12	+ 5 16.8	2.614	3.515	8.1	21.1
4 1	10 4.59	+ 5 58.9	2.682	3.501	10.7	21.2

182502 2001 SQ_{224} 2 24.3 236.°23 1.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.52	+12 46.3	2.008	2.844	12.4	21.1
2 1	10 46.22	+13 30.9	1.921	2.834	9.1	20.9
2 11	10 38.81	+14 23.4	1.860	2.824	5.3	20.6
2 21	10 29.96	+15 18.0	1.827	2.813	2.0	20.4
3 2	10 20.59	+16 8.2	1.824	2.801	4.1	20.5
3 12	10 11.78	+16 48.2	1.849	2.790	8.1	20.7
3 22	10 4.46	+17 14.3	1.900	2.777	11.8	20.9
4 1	9 59.32	+17 24.9	1.974	2.765	15.0	21.1

55954 1998 HX_{68} 2 24.3 190.°12 4.°6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.97	+22 24.3	2.149	2.991	11.5	19.2
2 1	10 47.82	+23 10.9	2.079	2.990	8.6	19.1
2 11	10 39.64	+23 56.1	2.035	2.989	5.8	18.9
2 21	10 30.14	+24 33.2	2.019	2.988	4.6	18.8
3 2	10 20.31	+24 56.5	2.033	2.986	6.3	18.9
3 12	10 11.19	+25 2.5	2.074	2.984	9.2	19.1
3 22	10 3.66	+24 50.6	2.141	2.982	12.1	19.3
4 1	9 58.34	+24 22.0	2.229	2.980	14.7	19.4

146432 2001 QW_{269} 2 24.3 155.°86 0.°3/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.85	+ 8 58.2	2.053	2.877	12.7	20.3
2 1	10 46.98	+ 9 22.4	1.978	2.883	9.3	20.1
2 11	10 39.14	+ 9 55.8	1.928	2.889	5.5	19.9
2 21	10 30.02	+10 34.1	1.906	2.894	1.3	19.6
3 2	10 20.56	+11 12.0	1.915	2.898	3.0	19.7
3 12	10 11.77	+11 44.4	1.953	2.902	7.0	20.0
3 22	10 4.49	+12 7.9	2.017	2.906	10.7	20.2
4 1	9 59.32	+12 20.2	2.105	2.909	13.8	20.4

164545 2006 JU_{30} 2 24.3 143.°25 1.°3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.27	+10 57.9	1.858	2.690	13.5	21.0
2 1	10 48.16	+11 37.4	1.791	2.701	9.8	20.8
2 11	10 39.88	+12 25.7	1.748	2.710	5.7	20.5
2 21	10 30.21	+13 17.0	1.733	2.720	1.7	20.3
3 2	10 20.20	+14 4.5	1.747	2.728	3.8	20.4
3 12	10 10.99	+14 42.7	1.791	2.736	7.9	20.7
3 22	10 3.50	+15 7.8	1.860	2.743	11.7	21.0
4 1	9 58.35	+15 18.6	1.952	2.750	14.9	21.2

417096 2005 UJ_{338} 2 24.3 74.°80 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.14	+ 5 42.4	1.761	2.588	14.3	21.8
2 1	10 45.19	+ 6 14.3	1.696	2.602	10.6	21.6
2 11	10 38.14	+ 7 0.1	1.656	2.615	6.4	21.4
2 21	10 29.77	+ 7 54.9	1.642	2.628	1.8	21.1
3 2	10 21.09	+ 8 52.3	1.656	2.641	2.9	21.2
3 12	10 13.20	+ 9 45.4	1.699	2.655	7.3	21.5
3 22	10 6.96	+10 29.0	1.767	2.668	11.3	21.8
4 1	10 3.00	+10 59.8	1.858	2.681	14.6	22.0

450432 2005 UF_{202} 2 24.3 130.°76 5.°5/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.25	+20 51.3	1.599	2.449	14.4	21.8
2 1	10 50.68	+22 2.6	1.545	2.461	10.7	21.6
2 11	10 41.48	+23 14.0	1.515	2.473	7.1	21.4
2 21	10 30.63	+24 15.6	1.513	2.484	5.5	21.3
3 2	10 19.45	+24 58.8	1.538	2.494	7.6	21.5
3 12	10 9.36	+25 18.8	1.590	2.504	11.1	21.7
3 22	10 1.47	+25 15.2	1.665	2.514	14.6	21.9
4 1	9 56.43	+24 50.5	1.760	2.523	17.6	22.2

380401 2002 XQ_{119} 2 24.3 30.°15 8.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.48	+30 2.9	1.743	2.599	13.1	19.8
2 1	10 45.67	+31 33.2	1.703	2.610	10.5	19.7
2 11	10 38.50	+32 54.3	1.687	2.622	8.6	19.6
2 21	10 29.86	+33 56.6	1.696	2.634	8.5	19.6
3 2	10 20.97	+34 32.8	1.732	2.647	10.2	19.8
3 12	10 13.09	+34 40.2	1.791	2.660	12.7	19.9
3 22	10 7.16	+34 20.2	1.872	2.674	15.2	20.1
4 1	10 3.79	+33 36.8	1.970	2.688	17.4	20.3

123154 2000 TH_{39} 2 24.3 211.°60 5.°6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.92	+25 16.4	2.233	3.075	11.2	20.1
2 1	10 47.84	+26 20.0	2.161	3.069	8.6	19.9
2 11	10 39.70	+27 20.7	2.116	3.062	6.3	19.7
2 21	10 30.19	+28 11.2	2.098	3.055	5.6	19.7
3 2	10 20.27	+28 45.2	2.110	3.048	7.2	19.8
3 12	10 11.02	+28 59.1	2.149	3.040	9.9	19.9
3 22	10 3.31	+28 52.2	2.213	3.032	12.6	20.1
4 1	9 57.79	+28 26.4	2.298	3.023	15.0	20.2

227608 2006 AH_{71} 2 24.3 79.°43 2.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.57	+ 0 16.0	1.910	2.709	14.5	21.1
2 1	10 46.74	+ 0 11.6	1.849	2.732	11.1	20.9
2 11	10 38.95	+ 0 23.2	1.811	2.755	7.4	20.7
2 21	10 29.97	+ 0 48.4	1.800	2.778	3.8	20.6
3 2	10 20.77	+ 1 23.1	1.818	2.800	3.4	20.6
3 12	10 12.38	+ 2 1.8	1.865	2.822	6.7	20.8
3 22	10 5.59	+ 2 39.2	1.938	2.844	10.2	21.1
4 1	10 0.98	+ 3 11.0	2.035	2.865	13.2	21.3

37748 1997 AF_{2} 2 24.3 80.°93 2.°8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.53	+13 49.1	1.853	2.699	12.9	19.0
2 1	10 44.68	+15 7.3	1.797	2.715	9.3	18.8
2 11	10 37.82	+16 32.4	1.767	2.732	5.4	18.6
2 21	10 29.70	+17 56.5	1.766	2.748	2.9	18.4
3 2	10 21.31	+19 11.5	1.793	2.765	5.0	18.6
3 12	10 13.70	+20 10.8	1.848	2.781	8.7	18.8
3 22	10 7.71	+20 51.3	1.929	2.797	12.1	19.1
4 1	10 3.92	+21 12.3	2.030	2.813	14.9	19.3

159256 2005 YA_{143} 2 24.3 69.°70 0.°8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.28	+ 9 40.2	1.785	2.621	13.8	20.7
2 1	10 45.94	+10 14.2	1.727	2.639	10.0	20.5
2 11	10 38.55	+10 57.8	1.694	2.657	5.8	20.3
2 21	10 29.88	+11 45.6	1.688	2.675	1.5	20.1
3 2	10 20.98	+12 31.2	1.711	2.694	3.4	20.2
3 12	10 12.93	+13 8.7	1.762	2.712	7.6	20.5
3 22	10 6.58	+13 34.6	1.838	2.730	11.4	20.8
4 1	10 2.51	+13 47.0	1.937	2.748	14.5	21.0

35950 1999 KL_{13} 2 24.3 203.°21 2.°0/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.75	+ 1 39.3	2.128	2.932	13.1	19.6
2 1	10 44.74	+ 1 55.1	2.041	2.929	10.0	19.4
2 11	10 37.87	+ 2 25.7	1.978	2.926	6.5	19.2
2 21	10 29.74	+ 3 8.4	1.942	2.923	2.9	19.0
3 2	10 21.19	+ 3 58.8	1.935	2.920	2.8	19.0
3 12	10 13.14	+ 4 51.3	1.958	2.916	6.4	19.2
3 22	10 6.44	+ 5 40.6	2.008	2.912	10.0	19.4
4 1	10 1.68	+ 6 22.2	2.082	2.907	13.2	19.6

283422 2000 SH_{276} 2 24.3 164.°98 4.°1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.50	−10 16.9	3.433	4.153	10.2	22.6
2 1	10 41.73	−10 13.6	3.340	4.159	8.4	22.5
2 11	10 35.83	− 9 55.8	3.271	4.165	6.5	22.4
2 21	10 29.19	− 9 24.0	3.230	4.170	4.8	22.3
3 2	10 22.33	− 8 40.2	3.218	4.174	4.1	22.2
3 12	10 15.79	− 7 47.4	3.237	4.178	5.0	22.3
3 22	10 10.05	− 6 49.7	3.285	4.181	6.7	22.4
4 1	10 5.52	− 5 51.0	3.360	4.184	8.6	22.5

502113 2015 BB_{5} 2 24.3 311.°81 7.°1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.59	− 9 38.0	1.933	2.687	16.0	20.9
2 1	10 45.63	−10 26.2	1.844	2.682	13.4	20.7
2 11	10 38.54	−10 53.1	1.776	2.678	10.5	20.6
2 21	10 29.94	−10 57.1	1.731	2.673	8.0	20.4
3 2	10 20.77	−10 38.7	1.714	2.669	7.1	20.3
3 12	10 12.11	−10 2.1	1.723	2.664	8.5	20.4
3 22	10 4.93	− 9 13.3	1.758	2.660	11.2	20.5
4 1	9 59.96	− 8 19.8	1.816	2.657	14.1	20.7

189179 2002 YS_{27} 2 24.3 5.°85 3.°5/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.83	+14 17.3	1.293	2.161	16.0	19.2
2 1	10 44.25	+15 16.7	1.233	2.161	11.6	18.9
2 11	10 37.93	+16 25.6	1.194	2.162	6.9	18.7
2 21	10 29.79	+17 34.6	1.180	2.164	3.5	18.5
3 2	10 21.15	+18 33.4	1.191	2.167	6.2	18.6
3 12	10 13.50	+19 13.9	1.227	2.171	10.9	18.9
3 22	10 8.00	+19 32.1	1.285	2.176	15.3	19.2
4 1	10 5.40	+19 27.6	1.362	2.182	19.0	19.4

329769 2004 HV_7 2 24.3 260.°52 5.°0/29.1 17

1 22	10 48.01	− 7 26.9	1.968	2.737	15.2	21.5
2 1	10 43.75	− 7 14.2	1.866	2.722	12.4	21.3
2 11	10 37.45	− 6 37.4	1.786	2.708	9.2	21.0
2 21	10 29.68	− 5 37.1	1.731	2.692	6.2	20.8
3 2	10 21.30	− 4 16.9	1.704	2.677	5.1	20.7
3 12	10 13.34	− 2 43.9	1.705	2.661	7.3	20.8
3 22	10 6.75	− 1 6.4	1.734	2.645	10.8	21.0
4 1	10 2.25	+ 0 27.1	1.786	2.629	14.2	21.2

437204 2012 WY_9 2 24.3 164.°64 3.°9/19.8 17

1 22	10 49.77	+21 51.3	2.623	3.464	9.7	21.6
2 1	10 44.45	+22 42.5	2.555	3.467	7.2	21.5
2 11	10 37.55	+23 32.8	2.515	3.469	4.9	21.3
2 21	10 29.64	+24 17.0	2.503	3.471	3.9	21.3
3 2	10 21.47	+24 50.3	2.521	3.473	5.4	21.4
3 12	10 13.85	+25 9.4	2.568	3.475	7.8	21.5
3 22	10 7.44	+25 13.1	2.641	3.476	10.3	21.7
4 1	10 2.76	+25 2.0	2.736	3.478	12.5	21.8

431626 2007 WW_{21} 2 24.3 297.°02 4.°4/28.6 17

1 22	10 48.04	− 5 4.3	2.235	3.008	13.5	21.1
2 1	10 43.45	− 5 17.2	2.145	3.005	10.9	20.9
2 11	10 37.10	− 5 12.7	2.077	3.001	7.9	20.7
2 21	10 29.56	− 4 51.3	2.036	2.998	5.3	20.6
3 2	10 21.60	− 4 15.5	2.023	2.994	4.5	20.5
3 12	10 14.10	− 3 29.8	2.038	2.991	6.5	20.6
3 22	10 7.83	− 2 39.6	2.080	2.988	9.5	20.8
4 1	10 3.40	− 1 50.5	2.147	2.985	12.4	21.0

313397 2002 NH_{76} 2 24.3 55.°30 3.°6/27.2 18

1 22	10 49.40	− 1 44.6	1.486	2.298	17.3	20.0
2 1	10 45.00	− 1 28.8	1.420	2.310	13.4	19.8
2 11	10 38.20	− 0 49.3	1.376	2.322	9.1	19.5
2 21	10 29.85	+ 0 10.6	1.357	2.334	4.8	19.3
3 2	10 21.09	+ 1 24.2	1.364	2.347	4.1	19.3
3 12	10 13.21	+ 2 42.4	1.398	2.360	7.9	19.5
3 22	10 7.21	+ 3 56.4	1.457	2.373	12.1	19.8
4 1	10 3.79	+ 4 59.3	1.538	2.386	15.8	20.1

202417 2005 UN_{175} 2 24.3 212.°87 1.°5/25.5 18

1 22	10 54.21	+ 3 30.4	1.810	2.622	14.7	21.2
2 1	10 48.40	+ 3 49.2	1.720	2.614	11.2	21.0
2 11	10 40.23	+ 4 23.9	1.653	2.606	7.0	20.7
2 21	10 30.39	+ 5 11.3	1.613	2.598	2.7	20.4
3 2	10 19.92	+ 6 5.7	1.603	2.588	3.1	20.4
3 12	10 10.05	+ 7 0.3	1.621	2.578	7.6	20.7
3 22	10 1.82	+ 7 48.9	1.666	2.566	11.9	20.9
4 1	9 56.03	+ 8 26.9	1.734	2.554	15.6	21.1

206781 2004 CS_{109} 2 24.3 78.°21 4.°3/28.6 17

1 22	10 48.95	− 5 11.5	2.199	2.971	13.7	20.2
2 1	10 44.00	− 5 20.8	2.125	2.985	11.0	20.0
2 11	10 37.35	− 5 12.1	2.075	2.999	8.0	19.8
2 21	10 29.61	− 4 46.6	2.051	3.014	5.2	19.7
3 2	10 21.58	− 4 7.3	2.056	3.028	4.4	19.7
3 12	10 14.15	− 3 19.1	2.089	3.042	6.4	19.8
3 22	10 8.03	− 2 27.6	2.149	3.056	9.2	20.0
4 1	10 3.76	− 1 38.2	2.234	3.070	12.0	20.2

12949 4290 $T\text{-}_1$ 2 24.3 275.°87 4.°1/19.9 18

1 22	10 50.27	+22 39.2	2.562	3.403	9.9	17.6
2 1	10 44.95	+23 21.3	2.479	3.390	7.4	17.5
2 11	10 37.93	+24 2.3	2.422	3.376	5.1	17.3
2 21	10 29.77	+24 36.8	2.395	3.362	4.1	17.2
3 2	10 21.24	+25 0.0	2.397	3.348	5.6	17.3
3 12	10 13.21	+25 8.6	2.427	3.334	8.2	17.4
3 22	10 6.42	+25 1.6	2.483	3.321	10.8	17.6
4 1	10 1.41	+24 39.4	2.561	3.307	13.1	17.7

496108 2009 WR_{23} 2 24.3 181.°63 5.°2/29.5 17

1 22	10 49.67	− 8 4.6	2.270	3.023	13.9	21.9
2 1	10 44.62	− 8 14.6	2.180	3.023	11.4	21.7
2 11	10 37.78	− 8 5.0	2.113	3.024	8.6	21.5
2 21	10 29.74	− 7 36.2	2.071	3.024	6.1	21.4
3 2	10 21.29	− 6 50.6	2.058	3.023	5.2	21.3
3 12	10 13.32	− 5 52.8	2.074	3.022	6.8	21.4
3 22	10 6.60	− 4 49.1	2.117	3.021	9.5	21.6
4 1	10 1.74	− 3 45.6	2.185	3.019	12.3	21.7

241343 2007 VO_{320} 2 24.3 193.°68 5.°9/15.1 18

	h m	° ′			°	m
1 22	10 49.44	+31 12.2	3.070	3.903	8.7	20.7
2 1	10 44.22	+32 42.2	3.009	3.901	7.0	20.6
2 11	10 37.45	+34 6.8	2.977	3.898	6.0	20.5
2 21	10 29.65	+35 19.8	2.974	3.894	6.1	20.5
3 2	10 21.51	+36 16.3	3.000	3.890	7.3	20.6
3 12	10 13.79	+36 53.4	3.053	3.886	9.0	20.7
3 22	10 7.17	+37 10.6	3.129	3.881	10.8	20.8
4 1	10 2.17	+37 9.1	3.226	3.876	12.3	20.9

11334 Rio de Janeiro 2 24.3 185.°25 7.°2/17.1 18

1 22	10 56.16	+30 21.4	2.153	2.990	11.7	18.3
2 1	10 49.58	+31 35.1	2.094	2.990	9.3	18.1
2 11	10 40.76	+32 41.3	2.060	2.990	7.6	18.0
2 21	10 30.50	+33 31.7	2.053	2.989	7.4	18.0
3 2	10 19.88	+34 0.0	2.075	2.988	8.9	18.1
3 12	10 10.08	+34 3.4	2.123	2.986	11.2	18.2
3 22	10 2.06	+33 42.8	2.194	2.983	13.6	18.4
4 1	9 56.45	+33 1.3	2.284	2.980	15.8	18.5

143486 2003 CJ_{15} 2 24.3 348.°84 9.°0/15.1 18

1 22	10 54.36	+36 26.3	2.091	2.924	12.2	18.8
2 1	10 48.39	+37 34.6	2.038	2.921	10.3	18.6
2 11	10 40.09	+38 30.0	2.010	2.918	9.2	18.6
2 21	10 30.33	+39 4.6	2.008	2.916	9.3	18.6
3 2	10 20.26	+39 12.5	2.031	2.914	10.6	18.6
3 12	10 11.14	+38 52.2	2.078	2.912	12.6	18.8
3 22	10 3.93	+38 5.9	2.146	2.911	14.7	18.9
4 1	9 59.25	+36 57.9	2.233	2.910	16.6	19.1

285676 2000 SQ_{136} 2 24.3 136.°48 3.°3/27.1 18

1 22	10 52.35	− 1 21.2	1.761	2.559	15.6	21.2
2 1	10 46.91	− 1 10.6	1.687	2.568	12.1	21.0
2 11	10 39.25	− 0 40.2	1.635	2.577	8.2	20.8
2 21	10 30.13	+ 0 7.6	1.609	2.586	4.4	20.6
3 2	10 20.60	+ 1 7.5	1.612	2.594	3.8	20.6
3 12	10 11.81	+ 2 12.4	1.643	2.601	7.3	20.8
3 22	10 4.71	+ 3 15.0	1.700	2.608	11.2	21.0
4 1	9 59.97	+ 4 9.4	1.781	2.615	14.6	21.3

455550 2004 JO_2 2 24.3 150.°29 6.°2/ 3.1 18

1 22	10 53.65	−16 5.6	2.798	3.477	13.1	22.9
2 1	10 47.15	−16 5.6	2.712	3.494	11.2	22.8
2 11	10 39.11	−15 44.6	2.648	3.509	9.0	22.6
2 21	10 30.07	−15 2.4	2.610	3.524	7.1	22.5
3 2	10 20.76	−14 0.9	2.601	3.537	6.2	22.5
3 12	10 11.95	−12 44.6	2.623	3.549	6.8	22.6
3 22	10 4.30	−11 19.6	2.675	3.559	8.5	22.7
4 1	9 58.33	− 9 52.1	2.753	3.568	10.6	22.8

131291 2001 FD_{111} 2 24.3 10.°66 0.°5/23.9 18

1 22	10 48.44	+ 8 25.7	1.958	2.791	12.9	19.6
2 1	10 43.91	+ 9 4.9	1.881	2.791	9.5	19.4
2 11	10 37.44	+ 9 55.4	1.829	2.792	5.5	19.2
2 21	10 29.68	+10 51.9	1.805	2.792	1.3	18.9
3 2	10 21.52	+11 48.5	1.809	2.792	3.1	19.0
3 12	10 13.98	+12 38.9	1.842	2.793	7.3	19.3
3 22	10 7.88	+13 18.5	1.901	2.794	11.0	19.5
4 1	10 3.85	+13 44.6	1.982	2.795	14.2	19.7

348839 2006 SE_4 2 24.3 199.°08 2.°9/27.9 17

1 22	10 46.87	− 3 34.2	2.861	3.630	10.9	21.9
2 1	10 42.25	− 3 20.5	2.765	3.627	8.6	21.7
2 11	10 36.26	− 2 52.8	2.694	3.623	6.1	21.5
2 21	10 29.36	− 2 12.3	2.651	3.619	3.7	21.4
3 2	10 22.15	− 1 22.1	2.638	3.615	3.1	21.3
3 12	10 15.29	− 0 26.2	2.655	3.610	5.1	21.4
3 22	10 9.37	+ 0 30.8	2.701	3.604	7.7	21.6
4 1	10 4.88	+ 1 24.7	2.773	3.599	10.2	21.8

32044 Lakmazaheri 2 24.3 212.°24 1.°7/25.7 18

1 22	10 53.50	+ 3 3.6	1.888	2.697	14.3	19.5
2 1	10 47.80	+ 3 20.9	1.797	2.690	10.9	19.3
2 11	10 39.85	+ 3 53.9	1.730	2.683	6.9	19.0
2 21	10 30.32	+ 4 39.4	1.691	2.674	2.7	18.8
3 2	10 20.21	+ 5 32.3	1.680	2.665	3.0	18.8
3 12	10 10.66	+ 6 25.9	1.699	2.655	7.3	19.0
3 22	10 2.68	+ 7 14.4	1.744	2.645	11.4	19.2
4 1	9 57.01	+ 7 53.2	1.813	2.633	15.0	19.4

171321 2006 HR_{80} 2 24.3 230.°64 0.°4/24.7 17

1 22	10 52.37	+ 6 13.1	1.884	2.705	13.8	21.7
2 1	10 47.00	+ 6 42.4	1.792	2.695	10.3	21.5
2 11	10 39.39	+ 7 25.5	1.725	2.683	6.2	21.2
2 21	10 30.21	+ 8 18.1	1.685	2.671	1.8	20.9
3 2	10 20.43	+ 9 14.2	1.674	2.659	3.0	20.9
3 12	10 11.18	+10 7.1	1.692	2.646	7.6	21.2
3 22	10 3.49	+10 51.3	1.737	2.633	11.7	21.4
4 1	9 58.09	+11 23.0	1.804	2.619	15.3	21.6

60984 2000 KQ_{13} 2 24.3 206.°16 1.°1/25.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.75	+ 3 47.0	2.441	3.250	11.4	20.2
2 1	10 43.09	+ 4 11.6	2.354	3.247	8.6	20.0
2 11	10 36.83	+ 4 48.1	2.291	3.244	5.4	19.8
2 21	10 29.52	+ 5 33.5	2.257	3.241	2.0	19.6
3 2	10 21.86	+ 6 23.6	2.253	3.238	2.3	19.6
3 12	10 14.65	+ 7 13.4	2.279	3.235	5.7	19.8
3 22	10 8.57	+ 7 58.6	2.332	3.231	9.0	20.0
4 1	10 4.15	+ 8 35.6	2.410	3.227	11.8	20.2

141774 2002 NG_8 2 24.3 240.°73 3.°0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.73	+12 52.1	1.828	2.673	13.1	20.5
2 1	10 45.18	+14 28.0	1.744	2.662	9.5	20.3
2 11	10 38.37	+16 15.9	1.686	2.651	5.7	20.0
2 21	10 29.97	+18 7.2	1.656	2.639	3.0	19.8
3 2	10 20.94	+19 51.7	1.656	2.627	5.5	19.9
3 12	10 12.45	+21 20.2	1.684	2.614	9.6	20.1
3 22	10 5.53	+22 27.2	1.738	2.602	13.4	20.4
4 1	10 0.94	+23 10.5	1.812	2.588	16.7	20.5

169576 2002 GB_8 2 24.3 290.°08 1.°9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.11	+10 42.7	1.498	2.348	15.2	19.8
2 1	10 45.87	+11 38.2	1.413	2.332	11.2	19.5
2 11	10 38.97	+12 48.0	1.351	2.317	6.6	19.2
2 21	10 30.15	+14 4.7	1.314	2.301	2.1	18.9
3 2	10 20.56	+15 18.9	1.305	2.286	4.8	19.0
3 12	10 11.62	+16 21.1	1.323	2.270	9.9	19.2
3 22	10 4.56	+17 5.2	1.363	2.255	14.6	19.5
4 1	10 0.28	+17 28.2	1.424	2.240	18.6	19.7

305676 2009 BF_{100} 2 24.3 151.°15 0.°3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.33	+ 7 14.1	1.857	2.677	14.0	21.4
2 1	10 48.98	+ 7 32.1	1.784	2.686	10.4	21.2
2 11	10 40.43	+ 8 1.5	1.736	2.694	6.2	20.9
2 21	10 30.45	+ 8 38.0	1.715	2.702	1.7	20.6
3 2	10 20.09	+ 9 16.0	1.724	2.708	3.0	20.8
3 12	10 10.50	+ 9 50.1	1.762	2.714	7.4	21.0
3 22	10 2.63	+10 16.0	1.826	2.720	11.3	21.3
4 1	9 57.13	+10 31.0	1.914	2.725	14.7	21.5

330106 2005 WG_{203} 2 24.3 114.°22 3.°1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.40	+16 18.2	2.024	2.867	12.1	21.1
2 1	10 45.96	+17 16.6	1.963	2.879	8.8	21.0
2 11	10 38.57	+18 18.8	1.928	2.890	5.3	20.8
2 21	10 29.96	+19 18.1	1.921	2.901	3.1	20.6
3 2	10 21.07	+20 8.0	1.944	2.912	5.0	20.8
3 12	10 12.91	+20 43.6	1.994	2.923	8.4	21.0
3 22	10 6.31	+21 2.5	2.070	2.933	11.6	21.2
4 1	10 1.84	+21 4.7	2.168	2.943	14.4	21.4

160704 2000 PW_{27} 2 24.3 167.°14 11.°9/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.20	−26 56.1	2.181	2.795	17.9	20.1
2 1	10 48.29	−28 3.7	2.095	2.800	16.3	19.9
2 11	10 40.15	−28 42.6	2.027	2.805	14.6	19.8
2 21	10 30.41	−28 48.2	1.978	2.809	13.1	19.7
3 2	10 20.07	−28 18.6	1.952	2.812	12.1	19.6
3 12	10 10.26	−27 16.6	1.950	2.815	12.0	19.6
3 22	10 2.00	−25 49.0	1.972	2.816	12.9	19.7
4 1	9 56.04	−24 5.2	2.016	2.817	14.4	19.8

12218 Fleischer 2 24.3 98.°49 2.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.14	+11 59.2	1.404	2.253	16.1	16.9
2 1	10 48.59	+13 7.7	1.350	2.269	11.6	16.6
2 11	10 40.36	+14 27.2	1.319	2.284	6.7	16.4
2 21	10 30.44	+15 48.2	1.314	2.300	2.7	16.2
3 2	10 20.16	+17 0.3	1.337	2.314	5.3	16.4
3 12	10 10.99	+17 55.4	1.386	2.329	10.0	16.7
3 22	10 4.03	+18 29.6	1.459	2.343	14.3	17.0
4 1	9 59.96	+18 42.3	1.552	2.357	17.8	17.2

38789 2000 RB_{46} 2 24.3 72.°76 3.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.12	− 0 45.9	1.472	2.287	17.3	17.8
2 1	10 46.30	− 0 33.4	1.407	2.299	13.4	17.6
2 11	10 39.01	+ 0 1.8	1.364	2.311	8.9	17.4
2 21	10 30.10	+ 0 56.2	1.344	2.323	4.6	17.2
3 2	10 20.79	+ 2 3.4	1.352	2.336	4.0	17.2
3 12	10 12.38	+ 3 14.5	1.387	2.348	8.0	17.4
3 22	10 5.93	+ 4 21.2	1.446	2.360	12.3	17.7
4 1	10 2.12	+ 5 16.8	1.527	2.373	16.1	18.0

230674 2003 SV_{279} 2 24.3 300.°11 5.°2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.05	− 4 37.9	1.854	2.640	15.4	20.1
2 1	10 44.74	− 4 59.5	1.747	2.615	12.5	19.8
2 11	10 38.19	− 5 1.5	1.661	2.590	9.2	19.6
2 21	10 29.95	− 4 43.1	1.601	2.565	6.1	19.3
3 2	10 20.94	− 4 6.3	1.567	2.540	5.3	19.2
3 12	10 12.28	− 3 16.0	1.560	2.516	7.9	19.3
3 22	10 5.03	− 2 19.0	1.579	2.491	11.6	19.5
4 1	10 0.05	− 1 22.6	1.621	2.467	15.3	19.7

507313 2011 QW_{28} 2 24.3 220.°15 0.°9/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.60	+ 3 54.6	3.134	3.932	9.4	23.4
2 1	10 42.70	+ 4 18.0	3.033	3.921	7.1	23.2
2 11	10 36.51	+ 4 50.8	2.958	3.909	4.4	23.0
2 21	10 29.44	+ 5 30.5	2.913	3.897	1.7	22.8
3 2	10 22.06	+ 6 14.1	2.899	3.884	1.9	22.8
3 12	10 14.97	+ 6 57.9	2.917	3.871	4.7	23.0
3 22	10 8.74	+ 7 38.4	2.964	3.857	7.5	23.1
4 1	10 3.83	+ 8 12.9	3.036	3.842	9.9	23.3

500473 2012 TQ_{234} 2 24.3 130.°56 2.°5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.14	+16 25.9	2.570	3.407	10.0	22.1
2 1	10 43.98	+17 16.0	2.504	3.417	7.3	21.9
2 11	10 37.28	+18 8.9	2.465	3.427	4.4	21.7
2 21	10 29.63	+18 59.5	2.456	3.436	2.5	21.6
3 2	10 21.74	+19 43.1	2.477	3.445	4.1	21.7
3 12	10 14.40	+20 15.6	2.527	3.454	6.9	21.9
3 22	10 8.25	+20 35.2	2.604	3.463	9.7	22.1
4 1	10 3.77	+20 41.1	2.705	3.471	12.0	22.3

502571 2015 BE_{501} 2 24.3 340.°53 0.°1/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.36	+ 6 54.9	2.022	2.849	12.8	21.4
2 1	10 43.81	+ 7 28.7	1.943	2.849	9.4	21.1
2 11	10 37.37	+ 8 14.4	1.888	2.848	5.6	20.9
2 21	10 29.68	+ 9 7.6	1.861	2.848	1.5	20.6
3 2	10 21.60	+10 2.7	1.863	2.848	2.8	20.7
3 12	10 14.10	+10 53.6	1.894	2.847	6.9	21.0
3 22	10 7.98	+11 35.6	1.951	2.847	10.6	21.2
4 1	10 3.87	+12 5.5	2.030	2.847	13.8	21.4

450175 2001 TZ_{96} 2 24.3 109.°68 0.°1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.27	+ 7 20.0	1.720	2.543	14.8	22.0
2 1	10 49.64	+ 7 53.3	1.663	2.567	10.9	21.8
2 11	10 40.76	+ 8 38.7	1.630	2.590	6.4	21.6
2 21	10 30.52	+ 9 30.7	1.625	2.612	1.6	21.3
3 2	10 20.05	+10 22.5	1.650	2.634	3.2	21.5
3 12	10 10.57	+11 7.6	1.703	2.655	7.7	21.8
3 22	10 2.99	+11 41.8	1.783	2.675	11.7	22.1
4 1	9 57.91	+12 2.7	1.885	2.694	14.9	22.4

22446 Philwhitney 2 24.3 214.°22 2.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.24	+12 9.7	1.595	2.436	14.9	19.2
2 1	10 49.44	+12 57.5	1.516	2.430	10.9	18.9
2 11	10 40.98	+13 55.8	1.460	2.424	6.4	18.6
2 21	10 30.65	+14 57.3	1.431	2.417	2.3	18.4
3 2	10 19.67	+15 53.6	1.430	2.409	4.8	18.5
3 12	10 9.45	+16 37.1	1.457	2.401	9.6	18.7
3 22	10 1.20	+17 3.5	1.509	2.392	14.0	19.0
4 1	9 55.73	+17 11.2	1.581	2.382	17.7	19.2

87544 2000 QL_{217} 2 24.3 192.°79 6.°2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.28	−18 33.2	3.445	4.103	11.2	20.1
2 1	10 42.42	−18 54.9	3.343	4.101	9.8	20.0
2 11	10 36.33	−18 59.5	3.263	4.098	8.3	19.9
2 21	10 29.40	−18 46.2	3.208	4.094	6.9	19.8
3 2	10 22.17	−18 15.6	3.180	4.090	6.2	19.8
3 12	10 15.23	−17 30.1	3.180	4.086	6.5	19.8
3 22	10 9.10	−16 33.5	3.208	4.081	7.6	19.8
4 1	10 4.22	−15 30.3	3.262	4.076	9.1	19.9

35143 1992 UF_1 2 24.3 108.°60 4.°1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.83	+18 35.7	1.775	2.618	13.5	18.3
2 1	10 50.06	+19 30.3	1.724	2.638	9.9	18.1
2 11	10 41.01	+20 26.2	1.698	2.658	6.2	18.0
2 21	10 30.59	+21 15.4	1.700	2.678	4.1	17.9
3 2	10 19.97	+21 51.2	1.732	2.697	6.0	18.0
3 12	10 10.39	+22 9.1	1.791	2.715	9.5	18.3
3 22	10 2.77	+22 8.5	1.875	2.732	12.9	18.5
4 1	9 57.69	+21 50.6	1.980	2.749	15.7	18.7

32493 2000 WR_3 2 24.3 312.°02 5.°3/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.59	+18 25.8	1.640	2.501	13.5	17.7
2 1	10 43.86	+20 10.1	1.565	2.489	10.0	17.5
2 11	10 37.70	+22 1.5	1.515	2.476	6.6	17.3
2 21	10 29.82	+23 49.5	1.491	2.464	5.3	17.2
3 2	10 21.31	+25 22.8	1.496	2.452	7.8	17.3
3 12	10 13.44	+26 32.7	1.526	2.440	11.5	17.5
3 22	10 7.32	+27 15.4	1.579	2.429	15.2	17.7
4 1	10 3.76	+27 30.6	1.650	2.418	18.4	17.9

420667 2012 JK_{54} 2 24.3 265.°02 1.°2/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.90	+ 9 30.3	1.831	2.669	13.4	21.9
2 1	10 44.42	+10 25.0	1.753	2.667	9.8	21.7
2 11	10 37.84	+11 31.7	1.701	2.664	5.7	21.4
2 21	10 29.83	+12 44.3	1.675	2.662	1.6	21.2
3 2	10 21.36	+13 55.0	1.678	2.660	3.7	21.3
3 12	10 13.52	+14 56.7	1.709	2.657	8.0	21.6
3 22	10 7.23	+15 44.2	1.766	2.655	12.0	21.8
4 1	10 3.17	+16 14.8	1.845	2.652	15.3	22.0

466681 2014 WB_{241} 2 24.3 10.°63 3.°6/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.09	+13 8.6	1.484	2.345	14.7	20.4
2 1	10 42.74	+14 49.6	1.421	2.347	10.6	20.2
2 11	10 36.99	+16 42.6	1.382	2.349	6.3	19.9
2 21	10 29.63	+18 36.9	1.369	2.352	3.6	19.8
3 2	10 21.78	+20 20.7	1.384	2.355	6.3	19.9
3 12	10 14.73	+21 44.2	1.425	2.359	10.6	20.2
3 22	10 9.53	+22 42.1	1.489	2.364	14.6	20.5
4 1	10 6.88	+23 13.2	1.572	2.370	17.9	20.7

84806 2002 YF_{12} 2 24.3 90.°28 0.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.09	+ 9 47.2	2.291	3.119	11.4	20.0
2 1	10 44.03	+10 24.9	2.227	3.135	8.3	19.8
2 11	10 37.35	+11 10.5	2.189	3.151	4.8	19.6
2 21	10 29.66	+11 59.3	2.180	3.167	1.2	19.4
3 2	10 21.76	+12 46.3	2.201	3.183	2.9	19.5
3 12	10 14.48	+13 26.7	2.252	3.199	6.4	19.8
3 22	10 8.49	+13 57.3	2.329	3.214	9.6	20.0
4 1	10 4.30	+14 16.2	2.430	3.230	12.3	20.2

28652 Andybramante 2 24.3 92.°18 1.°3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.53	+ 4 8.8	1.438	2.265	17.0	19.6
2 1	10 48.78	+ 4 30.1	1.380	2.283	12.7	19.3
2 11	10 40.45	+ 5 9.3	1.343	2.300	7.8	19.1
2 21	10 30.49	+ 6 1.1	1.332	2.317	2.7	18.8
3 2	10 20.18	+ 6 58.2	1.348	2.334	3.4	18.9
3 12	10 10.93	+ 7 52.4	1.392	2.350	8.3	19.3
3 22	10 3.81	+ 8 37.3	1.460	2.366	12.8	19.5
4 1	9 59.49	+ 9 8.8	1.550	2.382	16.5	19.8

501616 2014 SN_{48} 2 24.3 235.°89 3.°7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.17	+16 38.6	1.661	2.509	14.0	22.0
2 1	10 48.59	+17 31.5	1.584	2.502	10.3	21.8
2 11	10 40.44	+18 29.8	1.532	2.495	6.3	21.5
2 21	10 30.52	+19 25.7	1.506	2.487	3.7	21.3
3 2	10 20.02	+20 10.8	1.509	2.479	6.0	21.4
3 12	10 10.29	+20 38.9	1.538	2.471	10.1	21.6
3 22	10 2.47	+20 47.3	1.592	2.462	14.1	21.9
4 1	9 57.34	+20 36.0	1.666	2.453	17.5	22.1

156572 2002 EC_{129} 2 24.4 117.°40 1.°3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.80	+ 3 8.2	2.012	2.826	13.3	20.1
2 1	10 44.11	+ 3 40.7	1.936	2.832	10.0	19.9
2 11	10 37.54	+ 4 28.3	1.884	2.838	6.3	19.7
2 21	10 29.75	+ 5 26.9	1.860	2.844	2.3	19.5
3 2	10 21.61	+ 6 30.8	1.865	2.850	2.6	19.5
3 12	10 14.07	+ 7 33.7	1.898	2.855	6.6	19.8
3 22	10 7.93	+ 8 29.8	1.959	2.861	10.2	20.0
4 1	10 3.80	+ 9 15.1	2.043	2.866	13.4	20.2

319665 2006 TJ_{42} 2 24.4 224.°15 2.°4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.20	+13 47.4	1.721	2.566	13.8	21.2
2 1	10 46.96	+14 30.7	1.648	2.565	10.1	21.0
2 11	10 39.39	+15 21.3	1.599	2.564	5.9	20.7
2 21	10 30.24	+16 12.6	1.578	2.562	2.5	20.5
3 2	10 20.64	+16 57.1	1.584	2.561	4.8	20.6
3 12	10 11.79	+17 29.0	1.618	2.560	9.0	20.9
3 22	10 4.72	+17 44.9	1.677	2.558	12.9	21.1
4 1	10 0.13	+17 43.8	1.757	2.557	16.3	21.3

10570 Shibayasuo 2 24.4 340.°11 2.°1/22.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.48	+12 58.3	1.733	2.584	13.4	17.2
2 1	10 43.53	+13 39.8	1.654	2.574	9.8	17.0
2 11	10 37.39	+14 29.7	1.599	2.565	5.7	16.7
2 21	10 29.75	+15 22.0	1.571	2.557	2.3	16.5
3 2	10 21.60	+16 9.4	1.570	2.549	4.5	16.6
3 12	10 14.10	+16 45.6	1.596	2.542	8.7	16.8
3 22	10 8.22	+17 6.7	1.647	2.535	12.7	17.1
4 1	10 4.65	+17 11.0	1.718	2.529	16.1	17.3

209916 2005 PJ_{18} 2 24.4 237.°67 0.°7/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.85	+12 8.0	2.698	3.516	10.2	20.5
2 1	10 47.44	+12 7.2	2.603	3.505	7.5	20.3
2 11	10 39.38	+12 10.3	2.535	3.495	4.4	20.1
2 21	10 30.22	+12 14.4	2.496	3.483	1.2	19.9
3 2	10 20.70	+12 16.5	2.490	3.472	2.6	20.0
3 12	10 11.62	+12 14.0	2.515	3.460	5.9	20.2
3 22	10 3.71	+12 4.9	2.568	3.448	9.0	20.3
4 1	9 57.50	+11 48.5	2.646	3.435	11.7	20.5

80198 1999 VC_{50} 2 24.4 160.°32 1.°7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.38	+11 29.0	1.704	2.538	14.4	20.4
2 1	10 49.98	+12 11.9	1.634	2.545	10.6	20.2
2 11	10 41.14	+13 4.1	1.588	2.551	6.1	19.9
2 21	10 30.69	+13 59.1	1.571	2.557	2.0	19.7
3 2	10 19.80	+14 49.3	1.582	2.562	4.2	19.8
3 12	10 9.78	+15 28.4	1.622	2.566	8.7	20.1
3 22	10 1.67	+15 52.6	1.687	2.569	12.8	20.3
4 1	9 56.18	+16 0.6	1.774	2.571	16.2	20.6

54983 2001 QE 2 24.4 191.°05 0.°1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.35	+ 7 33.1	2.127	2.948	12.4	20.3
2 1	10 45.95	+ 8 5.8	2.044	2.947	9.2	20.1
2 11	10 38.64	+ 8 49.5	1.986	2.945	5.5	19.9
2 21	10 30.05	+ 9 39.6	1.956	2.943	1.4	19.6
3 2	10 21.04	+10 30.9	1.956	2.941	2.8	19.7
3 12	10 12.59	+11 17.6	1.986	2.937	6.8	19.9
3 22	10 5.53	+11 55.5	2.043	2.934	10.5	20.2
4 1	10 0.48	+12 21.7	2.124	2.930	13.6	20.4

171456 2007 TU_{11} 2 24.4 146.°47 1.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.71	+ 3 21.3	1.941	2.750	13.9	21.6
2 1	10 47.00	+ 3 50.0	1.867	2.761	10.5	21.4
2 11	10 39.26	+ 4 33.6	1.817	2.770	6.5	21.2
2 21	10 30.20	+ 5 28.1	1.795	2.779	2.4	21.0
3 2	10 20.77	+ 6 27.9	1.802	2.787	2.8	21.0
3 12	10 12.03	+ 7 26.4	1.839	2.795	6.9	21.3
3 22	10 4.86	+ 8 17.9	1.903	2.802	10.7	21.5
4 1	9 59.87	+ 8 58.6	1.990	2.808	13.9	21.7

3679 Condruses 2 24.4 123.°36 1.°1/25.2 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.70	+ 4 43.5	1.655	2.472	15.6	17.4
2 1	10 50.12	+ 5 3.5	1.592	2.490	11.7	17.2
2 11	10 41.15	+ 5 38.5	1.552	2.508	7.1	17.0
2 21	10 30.68	+ 6 24.1	1.539	2.525	2.4	16.7
3 2	10 19.89	+ 7 13.7	1.555	2.541	3.1	16.8
3 12	10 10.06	+ 8 0.6	1.600	2.556	7.7	17.1
3 22	10 2.18	+ 8 39.4	1.671	2.570	11.9	17.4
4 1	9 56.90	+ 9 6.5	1.764	2.584	15.4	17.6

211467 2003 CN_{15} 2 24.4 319.°45 2.°7/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.52	+16 0.6	1.973	2.820	12.2	19.7
2 1	10 44.87	+16 32.5	1.886	2.804	8.9	19.4
2 11	10 38.13	+17 8.9	1.823	2.787	5.4	19.2
2 21	10 29.94	+17 44.2	1.788	2.771	2.8	19.0
3 2	10 21.25	+18 12.4	1.782	2.756	4.7	19.1
3 12	10 13.11	+18 28.6	1.803	2.740	8.5	19.3
3 22	10 6.45	+18 30.4	1.849	2.726	12.1	19.4
4 1	10 1.97	+18 16.9	1.916	2.711	15.3	19.6

28282 1999 CJ_{35} 2 24.4 183.°03 2.°1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.40	+15 33.1	2.455	3.288	10.6	18.2
2 1	10 45.74	+16 1.5	2.377	3.288	7.7	18.0
2 11	10 38.40	+16 33.0	2.327	3.288	4.6	17.8
2 21	10 29.98	+17 3.1	2.305	3.288	2.2	17.6
3 2	10 21.25	+17 27.5	2.314	3.288	3.8	17.8
3 12	10 13.08	+17 42.5	2.352	3.287	6.9	18.0
3 22	10 6.18	+17 46.3	2.417	3.286	9.9	18.1
4 1	10 1.08	+17 38.2	2.506	3.284	12.5	18.3

140327 2001 SY_{339} 2 24.4 219.°76 3.°9/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.26	− 5 50.6	2.607	3.368	12.1	20.8
2 1	10 42.71	− 5 46.6	2.509	3.362	9.7	20.7
2 11	10 36.64	− 5 26.1	2.435	3.356	7.1	20.5
2 21	10 29.54	− 4 50.1	2.389	3.349	4.7	20.3
3 2	10 22.07	− 4 1.1	2.371	3.343	4.0	20.3
3 12	10 14.98	− 3 3.7	2.383	3.336	5.7	20.4
3 22	10 8.91	− 2 2.8	2.423	3.328	8.4	20.5
4 1	10 4.41	− 1 3.6	2.489	3.321	11.0	20.7

306123 2010 JY_{84} 2 24.4 204.°49 4.°4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.85	+18 6.9	1.758	2.606	13.4	21.2
2 1	10 48.25	+19 22.0	1.685	2.602	9.9	21.0
2 11	10 40.20	+20 41.7	1.637	2.598	6.3	20.7
2 21	10 30.49	+21 57.2	1.617	2.593	4.4	20.6
3 2	10 20.23	+22 59.4	1.626	2.588	6.6	20.7
3 12	10 10.72	+23 42.0	1.661	2.582	10.3	20.9
3 22	10 3.03	+24 2.2	1.721	2.576	14.0	21.1
4 1	9 57.91	+24 0.6	1.801	2.569	17.1	21.3

519593 2012 TL_{328} 2 24.4 353.°10 4.°2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.56	+21 19.3	2.258	3.103	10.9	21.2
2 1	10 45.30	+22 6.2	2.189	3.103	8.1	21.0
2 11	10 38.21	+22 52.7	2.146	3.102	5.4	20.9
2 21	10 29.94	+23 32.8	2.131	3.102	4.2	20.8
3 2	10 21.36	+24 1.0	2.146	3.102	5.8	20.9
3 12	10 13.41	+24 13.7	2.188	3.102	8.6	21.0
3 22	10 6.87	+24 9.9	2.255	3.102	11.4	21.2
4 1	10 2.32	+23 50.1	2.345	3.102	13.9	21.4

133678 2003 UW_{197} 2 24.4 82.°66 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.64	+ 6 32.5	2.041	2.866	12.7	20.3
2 1	10 44.00	+ 7 4.7	1.964	2.869	9.4	20.1
2 11	10 37.49	+ 7 48.9	1.912	2.872	5.6	19.9
2 21	10 29.77	+ 8 40.7	1.888	2.875	1.5	19.6
3 2	10 21.68	+ 9 34.6	1.893	2.878	2.7	19.7
3 12	10 14.18	+10 24.6	1.926	2.881	6.7	19.9
3 22	10 8.08	+11 6.1	1.986	2.884	10.4	20.2
4 1	10 3.96	+11 36.1	2.070	2.887	13.5	20.4

237507 2000 RA_{34} 2 24.4 160.°46 2.°6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.09	− 0 51.7	2.041	2.832	14.0	20.9
2 1	10 46.52	− 0 25.1	1.960	2.840	10.8	20.7
2 11	10 38.98	+ 0 19.3	1.904	2.847	7.2	20.5
2 21	10 30.16	+ 1 18.7	1.875	2.853	3.6	20.3
3 2	10 20.93	+ 2 27.8	1.875	2.858	3.1	20.3
3 12	10 12.33	+ 3 39.9	1.905	2.863	6.5	20.5
3 22	10 5.17	+ 4 48.3	1.963	2.866	10.2	20.7
4 1	10 0.10	+ 5 48.0	2.045	2.869	13.4	20.9

435234 2007 RS_{317} 2 24.4 29.°20 8.°0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 45.29	−15 53.0	1.929	2.654	16.9	20.6
2 1	10 41.69	−16 6.0	1.854	2.664	14.5	20.5
2 11	10 36.19	−15 50.7	1.797	2.674	11.8	20.3
2 21	10 29.44	−15 6.2	1.763	2.686	9.4	20.2
3 2	10 22.34	−13 55.2	1.754	2.697	8.0	20.1
3 12	10 15.84	−12 23.9	1.772	2.710	8.6	20.2
3 22	10 10.78	−10 41.3	1.815	2.722	10.6	20.3
4 1	10 7.74	− 8 56.5	1.882	2.735	13.2	20.5

419127 2009 SX_{232} 2 24.4 158.°83 5.°0/19.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.53	+24 40.2	2.375	3.210	10.8	22.0
2 1	10 48.82	+25 32.5	2.312	3.218	8.2	21.8
2 11	10 40.22	+26 21.5	2.277	3.225	5.8	21.7
2 21	10 30.45	+27 0.6	2.270	3.231	5.0	21.6
3 2	10 20.42	+27 24.7	2.294	3.236	6.5	21.7
3 12	10 11.11	+27 31.0	2.346	3.241	9.0	21.9
3 22	10 3.34	+27 19.3	2.423	3.245	11.5	22.1
4 1	9 57.64	+26 51.3	2.522	3.249	13.8	22.3

426725 2013 TM_{52} 2 24.4 164.°06 0.°6/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.83	+10 21.3	2.547	3.367	10.7	21.9
2 1	10 45.97	+10 46.1	2.469	3.373	7.8	21.8
2 11	10 38.51	+11 17.4	2.417	3.378	4.5	21.6
2 21	10 30.02	+11 51.4	2.395	3.382	1.2	21.3
3 2	10 21.26	+12 24.0	2.404	3.386	2.7	21.4
3 12	10 13.02	+12 51.3	2.444	3.390	6.1	21.7
3 22	10 5.99	+13 10.5	2.511	3.393	9.1	21.9
4 1	10 0.69	+13 20.1	2.603	3.395	11.8	22.0

309828 2009 BU_{158} 2 24.4 331.°43 0.°4/24.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.51	+ 7 15.6	1.251	2.103	17.5	20.8
2 1	10 45.80	+ 7 26.3	1.171	2.090	13.1	20.5
2 11	10 39.12	+ 7 53.7	1.113	2.077	8.0	20.2
2 21	10 30.29	+ 8 33.0	1.078	2.065	2.2	19.8
3 2	10 20.64	+ 9 16.9	1.068	2.054	3.9	19.9
3 12	10 11.79	+ 9 56.7	1.083	2.044	9.7	20.2
3 22	10 5.13	+10 25.5	1.120	2.035	15.0	20.4
4 1	10 1.59	+10 38.9	1.176	2.027	19.5	20.7

73963 1997 WO_{41} 2 24.4 142.°94 3.°5/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.14	+20 21.6	2.670	3.509	9.6	19.3
2 1	10 44.71	+21 19.5	2.607	3.519	7.1	19.1
2 11	10 37.75	+22 17.5	2.572	3.528	4.6	19.0
2 21	10 29.82	+23 10.2	2.567	3.538	3.5	18.9
3 2	10 21.67	+23 52.8	2.591	3.546	5.0	19.0
3 12	10 14.06	+24 21.7	2.645	3.555	7.5	19.2
3 22	10 7.65	+24 35.7	2.725	3.562	9.9	19.4
4 1	10 2.91	+24 34.8	2.828	3.570	12.1	19.5

79483 1998 ET_{19} 2 24.4 12.°34 0.°5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.55	+ 8 42.5	1.967	2.802	12.7	19.7
2 1	10 43.27	+ 9 15.7	1.893	2.804	9.3	19.4
2 11	10 37.10	+ 9 59.4	1.844	2.806	5.5	19.2
2 21	10 29.69	+10 48.8	1.821	2.809	1.3	18.9
3 2	10 21.93	+11 38.2	1.828	2.811	3.0	19.1
3 12	10 14.78	+12 21.7	1.862	2.815	7.1	19.3
3 22	10 9.05	+12 55.0	1.923	2.818	10.8	19.5
4 1	10 5.34	+13 15.7	2.006	2.822	13.9	19.8

496472 2014 SS_{204} 2 24.4 304.°37 3.°1/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.69	+13 7.4	1.325	2.185	16.2	21.2
2 1	10 46.82	+14 1.1	1.233	2.158	12.0	20.9
2 11	10 39.87	+15 8.5	1.163	2.130	7.2	20.5
2 21	10 30.54	+16 21.5	1.118	2.103	3.2	20.2
3 2	10 20.12	+17 29.2	1.099	2.077	6.1	20.3
3 12	10 10.27	+18 21.0	1.104	2.050	11.6	20.5
3 22	10 2.52	+18 50.6	1.131	2.024	16.8	20.7
4 1	9 57.99	+18 55.5	1.176	1.999	21.3	20.9

300282 2007 MF_{11} 2 24.4 97.°96 2.°9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.23	+12 46.3	1.520	2.369	15.0	20.3
2 1	10 47.12	+14 3.0	1.462	2.382	10.9	20.1
2 11	10 39.53	+15 29.7	1.429	2.394	6.4	19.9
2 21	10 30.33	+16 57.1	1.422	2.406	2.9	19.7
3 2	10 20.76	+18 15.0	1.443	2.418	5.5	19.9
3 12	10 12.14	+19 15.5	1.491	2.429	9.8	20.1
3 22	10 5.51	+19 54.6	1.563	2.441	13.8	20.4
4 1	10 1.56	+20 11.7	1.655	2.452	17.2	20.7

58192 1992 AQ 2 24.4 15.°67 16.°8/ 5.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 42.59	+35 20.4	0.906	1.797	18.9	17.4
2 1	10 41.91	+40 1.4	0.892	1.803	17.0	17.3
2 11	10 37.29	+44 12.6	0.900	1.811	17.1	17.4
2 21	10 29.86	+47 28.1	0.930	1.821	18.9	17.5
3 2	10 21.66	+49 33.2	0.978	1.833	21.6	17.7
3 12	10 15.07	+50 27.4	1.040	1.846	24.2	17.9
3 22	10 11.74	+50 20.4	1.115	1.861	26.5	18.2
4 1	10 12.44	+49 24.7	1.199	1.878	28.3	18.4

221256 2005 UG_{282} 2 24.4 179.°01 1.°1/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.74	+10 15.2	2.056	2.887	12.4	21.7
2 1	10 45.57	+10 59.4	1.978	2.888	9.1	21.5
2 11	10 38.46	+11 53.1	1.926	2.889	5.3	21.3
2 21	10 30.07	+12 50.7	1.902	2.889	1.5	21.0
3 2	10 21.28	+13 46.1	1.908	2.889	3.4	21.1
3 12	10 13.09	+14 33.6	1.943	2.889	7.4	21.4
3 22	10 6.34	+15 9.0	2.004	2.888	11.0	21.6
4 1	10 1.65	+15 30.3	2.088	2.887	14.0	21.8

326228 2012 DQ_7 2 24.4 190.°87 3.°3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.90	+15 48.4	1.787	2.634	13.3	20.8
2 1	10 46.72	+16 48.8	1.716	2.634	9.7	20.6
2 11	10 39.26	+17 55.2	1.670	2.633	5.8	20.4
2 21	10 30.29	+18 59.8	1.651	2.632	3.4	20.2
3 2	10 20.86	+19 54.9	1.661	2.632	5.5	20.3
3 12	10 12.18	+20 34.2	1.698	2.630	9.3	20.6
3 22	10 5.21	+20 54.7	1.760	2.629	13.0	20.8
4 1	10 0.65	+20 56.2	1.843	2.628	16.2	21.0

233126 2005 TY_{103} 2 24.4 51.°67 0.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.85	+ 8 14.6	1.293	2.137	17.5	20.3
2 1	10 49.45	+ 8 24.2	1.228	2.142	13.0	20.1
2 11	10 41.11	+ 8 47.8	1.184	2.147	7.7	19.8
2 21	10 30.79	+ 9 20.2	1.165	2.152	2.0	19.4
3 2	10 19.93	+ 9 54.1	1.172	2.158	3.8	19.6
3 12	10 10.16	+10 22.0	1.206	2.163	9.4	19.9
3 22	10 2.73	+10 39.0	1.262	2.169	14.3	20.2
4 1	9 58.42	+10 42.2	1.339	2.175	18.4	20.5

240243 2002 TA_{383} 2 24.4 53.°50 4.°6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.44	− 6 3.9	2.064	2.838	14.4	20.3
2 1	10 43.10	− 6 4.3	1.987	2.847	11.6	20.1
2 11	10 36.98	− 5 44.5	1.932	2.856	8.5	19.9
2 21	10 29.69	− 5 5.7	1.904	2.865	5.6	19.7
3 2	10 22.06	− 4 11.5	1.902	2.875	4.7	19.7
3 12	10 15.01	− 3 7.7	1.930	2.885	6.6	19.8
3 22	10 9.30	− 2 0.9	1.983	2.895	9.6	20.0
4 1	10 5.51	− 0 57.3	2.061	2.905	12.6	20.2

424279 2007 TF_{102} 2 24.4 345.°90 3.°1/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 46.20	− 2 12.5	2.086	2.880	13.6	21.1
2 1	10 42.25	− 1 52.7	1.999	2.878	10.7	20.9
2 11	10 36.52	− 1 14.4	1.936	2.876	7.3	20.7
2 21	10 29.58	− 0 20.0	1.900	2.874	4.1	20.5
3 2	10 22.25	+ 0 46.1	1.891	2.873	3.4	20.4
3 12	10 15.41	+ 1 57.5	1.912	2.872	6.3	20.6
3 22	10 9.85	+ 3 7.7	1.959	2.871	9.7	20.8
4 1	10 6.17	+ 4 10.9	2.031	2.870	12.9	21.0

168128 2006 GO_7 2 24.4 200.°84 4.°9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.90	+22 14.4	2.161	2.999	11.6	21.3
2 1	10 49.42	+23 20.7	2.086	2.995	8.7	21.1
2 11	10 40.77	+24 26.8	2.037	2.989	6.0	20.9
2 21	10 30.68	+25 25.0	2.017	2.983	4.9	20.8
3 2	10 20.13	+26 8.6	2.027	2.976	6.7	20.9
3 12	10 10.23	+26 32.9	2.065	2.967	9.6	21.1
3 22	10 1.92	+26 37.0	2.128	2.958	12.6	21.2
4 1	9 55.88	+26 21.9	2.213	2.949	15.2	21.4

93387 2000 SR_{279} 2 24.4 67.°11 8.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.11	+28 40.4	1.741	2.594	13.3	18.8
2 1	10 47.66	+30 14.9	1.700	2.608	10.4	18.7
2 11	10 39.78	+31 41.5	1.684	2.622	8.4	18.6
2 21	10 30.40	+32 50.1	1.694	2.636	8.2	18.6
3 2	10 20.76	+33 33.0	1.730	2.650	9.9	18.7
3 12	10 12.15	+33 47.2	1.791	2.664	12.5	18.9
3 22	10 5.56	+33 33.9	1.874	2.678	15.1	19.1
4 1	10 1.59	+32 57.0	1.974	2.693	17.3	19.3

303227 2004 NM_{33} 2 24.4 242.°84 0.°8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.98	+ 9 5.3	1.744	2.575	14.3	22.3
2 1	10 48.48	+ 9 44.1	1.651	2.560	10.6	22.0
2 11	10 40.48	+10 35.8	1.581	2.543	6.3	21.7
2 21	10 30.66	+11 35.0	1.539	2.526	1.6	21.4
3 2	10 20.10	+12 34.3	1.526	2.509	3.7	21.5
3 12	10 10.08	+13 26.3	1.541	2.490	8.6	21.7
3 22	10 1.76	+14 5.4	1.582	2.471	13.0	21.9
4 1	9 55.98	+14 28.6	1.644	2.452	16.9	22.1

40934 1999 TJ_{194} 2 24.4 230.°97 1.°4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.33	+ 4 12.5	2.244	3.052	12.3	18.8
2 1	10 45.93	+ 4 16.1	2.151	3.044	9.4	18.6
2 11	10 38.67	+ 4 31.3	2.083	3.036	5.9	18.4
2 21	10 30.16	+ 4 55.4	2.043	3.027	2.3	18.1
3 2	10 21.18	+ 5 24.9	2.033	3.018	2.6	18.1
3 12	10 12.68	+ 5 55.3	2.053	3.009	6.2	18.3
3 22	10 5.46	+ 6 22.5	2.100	2.999	9.8	18.5
4 1	10 0.14	+ 6 43.1	2.171	2.990	12.9	18.7

521142 2015 FX_{405} 2 24.4 6.°55 1.°8/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.98	+13 48.6	1.862	2.706	13.0	20.9
2 1	10 45.89	+14 5.1	1.791	2.706	9.5	20.7
2 11	10 38.71	+14 26.8	1.743	2.707	5.5	20.4
2 21	10 30.16	+14 48.9	1.723	2.709	2.0	20.2
3 2	10 21.25	+15 6.1	1.731	2.711	4.0	20.3
3 12	10 13.07	+15 14.1	1.768	2.714	7.9	20.6
3 22	10 6.52	+15 10.5	1.829	2.717	11.7	20.8
4 1	10 2.21	+14 54.8	1.913	2.720	14.8	21.0

455540 2004 DC_{54} 2 24.4 263.°27 1.°3/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.12	+ 7 51.6	1.740	2.578	14.0	21.6
2 1	10 44.07	+ 9 16.1	1.657	2.570	10.3	21.3
2 11	10 37.81	+10 57.5	1.598	2.562	6.0	21.0
2 21	10 29.97	+12 48.3	1.567	2.554	1.7	20.7
3 2	10 21.56	+14 38.5	1.565	2.546	4.1	20.9
3 12	10 13.71	+16 18.1	1.591	2.537	8.7	21.1
3 22	10 7.44	+17 39.9	1.643	2.529	12.9	21.3
4 1	10 3.49	+18 39.8	1.717	2.520	16.4	21.6

320296 2007 RQ_{246} 2 24.4 137.°98 4.°1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.89	− 5 14.9	2.394	3.160	12.9	20.7
2 1	10 43.98	− 5 22.3	2.309	3.165	10.3	20.5
2 11	10 37.45	− 5 12.9	2.248	3.170	7.5	20.3
2 21	10 29.84	− 4 47.8	2.214	3.175	5.0	20.2
3 2	10 21.89	− 4 9.4	2.208	3.180	4.2	20.1
3 12	10 14.43	− 3 22.3	2.232	3.185	6.1	20.2
3 22	10 8.14	− 2 31.5	2.283	3.189	8.8	20.4
4 1	10 3.58	− 1 42.3	2.359	3.193	11.5	20.6

375730 2009 QK_{63} 2 24.4 206.°85 5.°6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.07	− 9 36.4	2.371	3.111	13.7	21.1
2 1	10 44.97	− 9 54.4	2.275	3.107	11.4	20.9
2 11	10 38.11	− 9 53.2	2.201	3.102	8.8	20.8
2 21	10 30.03	− 9 32.4	2.153	3.097	6.5	20.6
3 2	10 21.50	− 8 53.6	2.132	3.091	5.6	20.5
3 12	10 13.37	− 8 1.1	2.141	3.085	6.9	20.6
3 22	10 6.44	− 7 0.6	2.177	3.078	9.4	20.8
4 1	10 1.31	− 5 58.1	2.238	3.071	12.1	20.9

131576 2001 VT_{86} 2 24.4 107.°18 4.°2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.08	− 6 44.7	2.646	3.398	12.2	20.0
2 1	10 43.90	− 6 51.5	2.571	3.416	9.8	19.9
2 11	10 37.29	− 6 42.2	2.520	3.434	7.3	19.7
2 21	10 29.78	− 6 17.8	2.496	3.451	5.0	19.6
3 2	10 22.04	− 5 40.8	2.501	3.469	4.2	19.6
3 12	10 14.80	− 4 55.2	2.536	3.485	5.7	19.7
3 22	10 8.66	− 4 5.6	2.599	3.502	8.0	19.9
4 1	10 4.09	− 3 16.8	2.688	3.518	10.4	20.0

55028 2001 QO_{42} 2 24.4 186.°11 0.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.16	+ 8 23.2	2.547	3.366	10.7	20.2
2 1	10 44.10	+ 8 49.8	2.464	3.366	7.9	20.1
2 11	10 37.48	+ 9 24.6	2.406	3.366	4.6	19.8
2 21	10 29.85	+10 3.9	2.378	3.365	1.2	19.6
3 2	10 21.90	+10 43.8	2.380	3.364	2.4	19.7
3 12	10 14.41	+11 19.8	2.412	3.362	5.8	19.9
3 22	10 8.05	+11 48.7	2.472	3.360	9.0	20.1
4 1	10 3.33	+12 8.2	2.556	3.358	11.7	20.3

340687 2006 RA_{108} 2 24.4 336.°31 3.°7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.47	+19 0.0	1.875	2.724	12.6	19.7
2 1	10 46.37	+19 27.2	1.797	2.714	9.3	19.5
2 11	10 39.07	+19 55.5	1.743	2.705	5.8	19.2
2 21	10 30.29	+20 19.0	1.717	2.696	3.7	19.1
3 2	10 21.05	+20 31.7	1.719	2.688	5.6	19.2
3 12	10 12.52	+20 29.7	1.748	2.680	9.1	19.4
3 22	10 5.65	+20 11.8	1.802	2.673	12.7	19.6
4 1	10 1.11	+19 38.3	1.876	2.666	15.7	19.8

363017 1995 VA_{10} 2 24.4 130.°38 2.°8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.00	+14 48.7	1.748	2.591	13.7	21.3
2 1	10 48.21	+15 35.8	1.683	2.599	10.0	21.0
2 11	10 40.13	+16 28.8	1.643	2.606	5.9	20.8
2 21	10 30.55	+17 20.5	1.629	2.613	2.8	20.6
3 2	10 20.61	+18 3.8	1.645	2.620	5.0	20.8
3 12	10 11.51	+18 33.1	1.689	2.626	9.0	21.0
3 22	10 4.24	+18 45.8	1.757	2.632	12.7	21.3
4 1	9 59.45	+18 41.6	1.847	2.638	15.9	21.5

148352 2000 RH_{45} 2 24.4 241.°15 0.°3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.02	+ 8 14.9	2.140	2.958	12.5	20.0
2 1	10 48.03	+ 8 17.7	2.045	2.946	9.3	19.7
2 11	10 39.99	+ 8 29.1	1.976	2.934	5.6	19.5
2 21	10 30.54	+ 8 46.0	1.935	2.922	1.5	19.2
3 2	10 20.56	+ 9 4.4	1.924	2.909	2.7	19.2
3 12	10 11.09	+ 9 20.2	1.943	2.895	6.8	19.5
3 22	10 3.03	+ 9 30.0	1.989	2.882	10.6	19.7
4 1	9 57.06	+ 9 31.4	2.059	2.868	13.9	19.8

321519 2009 SC_{213} 2 24.4 217.°51 2.°0/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.27	+13 50.8	2.296	3.127	11.3	21.5
2 1	10 46.63	+14 33.2	2.208	3.119	8.2	21.3
2 11	10 39.10	+15 21.3	2.147	3.110	4.9	21.0
2 21	10 30.31	+16 10.1	2.115	3.100	2.1	20.8
3 2	10 21.06	+16 54.0	2.114	3.089	3.9	20.9
3 12	10 12.32	+17 28.1	2.142	3.078	7.4	21.1
3 22	10 4.89	+17 49.4	2.197	3.067	10.7	21.3
4 1	9 59.40	+17 56.8	2.275	3.055	13.6	21.5

159624 2002 AR_{153} 2 24.4 63.°80 3.°4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.57	+11 45.3	1.315	2.173	16.4	19.5
2 1	10 46.15	+13 31.0	1.268	2.191	11.8	19.2
2 11	10 39.07	+15 29.3	1.244	2.210	6.8	19.0
2 21	10 30.29	+17 27.9	1.245	2.229	3.4	18.8
3 2	10 21.18	+19 13.8	1.275	2.249	6.2	19.1
3 12	10 13.18	+20 36.9	1.330	2.268	10.8	19.4
3 22	10 7.36	+21 32.6	1.407	2.287	15.0	19.7
4 1	10 4.39	+22 0.9	1.505	2.306	18.4	20.0

192072 2006 BG_{98} 2 24.4 163.°79 0.°2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.46	+ 5 13.4	2.690	3.498	10.5	20.8
2 1	10 43.51	+ 6 9.4	2.608	3.504	7.8	20.7
2 11	10 37.11	+ 7 16.3	2.554	3.510	4.6	20.5
2 21	10 29.77	+ 8 30.0	2.529	3.515	1.3	20.2
3 2	10 22.14	+ 9 45.5	2.535	3.520	2.2	20.3
3 12	10 14.94	+10 57.4	2.573	3.524	5.5	20.5
3 22	10 8.79	+12 1.2	2.640	3.527	8.5	20.7
4 1	10 4.17	+12 54.0	2.732	3.529	11.1	20.9

301301 2009 BL_{130} 2 24.4 247.°48 2.°0/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.85	+15 10.8	2.374	3.210	10.8	20.4
2 1	10 45.46	+15 36.0	2.294	3.206	7.9	20.2
2 11	10 38.34	+16 4.7	2.240	3.202	4.7	20.0
2 21	10 30.09	+16 32.5	2.214	3.198	2.1	19.8
3 2	10 21.51	+16 54.9	2.219	3.194	3.8	19.9
3 12	10 13.46	+17 8.2	2.252	3.190	7.0	20.1
3 22	10 6.70	+17 10.5	2.313	3.186	10.1	20.3
4 1	10 1.77	+17 1.0	2.396	3.182	12.8	20.5

254638 2005 JY_{99} 2 24.4 122.°64 7.°0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.89	+26 37.2	1.911	2.759	12.5	21.2
2 1	10 48.11	+28 21.0	1.865	2.773	9.7	21.0
2 11	10 40.05	+29 59.7	1.845	2.786	7.5	20.9
2 21	10 30.54	+31 23.5	1.852	2.799	7.2	20.9
3 2	10 20.71	+32 24.4	1.887	2.811	9.0	21.0
3 12	10 11.76	+32 58.3	1.949	2.823	11.6	21.2
3 22	10 4.65	+33 5.6	2.032	2.834	14.2	21.4
4 1	10 0.00	+32 49.2	2.135	2.845	16.4	21.6

2726 Kotelnikov 2 24.4 102.°85 0.°3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.20	+ 8 29.8	2.073	2.900	12.5	16.8
2 1	10 45.12	+ 8 58.6	2.001	2.907	9.2	16.6
2 11	10 38.18	+ 9 37.0	1.954	2.915	5.4	16.4
2 21	10 30.06	+10 20.8	1.935	2.922	1.3	16.1
3 2	10 21.62	+11 4.6	1.945	2.929	2.9	16.3
3 12	10 13.81	+11 43.1	1.985	2.936	6.8	16.5
3 22	10 7.43	+12 12.5	2.051	2.943	10.3	16.8
4 1	10 3.03	+12 30.5	2.140	2.950	13.4	17.0

32011 2000 HF_{56} 2 24.4 205.°89 4.°8/18.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.18	+24 20.7	2.481	3.323	10.2	18.6
2 1	10 45.73	+25 19.9	2.411	3.320	7.7	18.5
2 11	10 38.51	+26 16.8	2.368	3.316	5.6	18.3
2 21	10 30.15	+27 5.4	2.353	3.313	4.9	18.3
3 2	10 21.45	+27 40.2	2.367	3.309	6.4	18.4
3 12	10 13.32	+27 57.9	2.410	3.304	8.8	18.5
3 22	10 6.51	+27 57.6	2.477	3.300	11.3	18.7
4 1	10 1.57	+27 40.2	2.566	3.295	13.5	18.8

500781 2013 EA_{18} 2 24.4 334.°56 5.°6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 44.24	− 0 46.8	1.028	1.877	20.7	20.7
2 1	10 42.51	− 1 24.3	0.942	1.850	16.6	20.4
2 11	10 37.58	− 1 35.9	0.874	1.826	11.8	20.0
2 21	10 30.09	− 1 20.1	0.825	1.803	7.0	19.7
3 2	10 21.39	− 0 39.5	0.799	1.782	6.1	19.5
3 12	10 13.32	+ 0 17.4	0.793	1.762	10.7	19.7
3 22	10 7.57	+ 1 19.3	0.808	1.745	16.4	19.9
4 1	10 5.39	+ 2 14.8	0.839	1.730	21.7	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
151589	2002 UK_{40}		2 24.4	75.°55	8.°7/16.5	18
	h m	° ′			°	m
1 22	10 54.02	+29 19.3	1.623	2.477	14.0	19.4
2 1	10 48.56	+31 4.6	1.582	2.489	11.1	19.3
2 11	10 40.45	+32 41.4	1.564	2.500	9.1	19.2
2 21	10 30.67	+33 58.1	1.573	2.511	9.0	19.2
3 2	10 20.55	+34 46.1	1.607	2.523	10.8	19.3
3 12	10 11.53	+35 2.1	1.665	2.534	13.5	19.5
3 22	10 4.70	+34 47.7	1.744	2.545	16.2	19.7
4 1	10 0.70	+34 7.5	1.841	2.557	18.5	19.9
198896	2005 TC_{173}		2 24.4	144.°33	2.°6/22.4	18
1 22	10 57.44	+14 11.3	1.765	2.601	13.9	21.2
2 1	10 50.70	+14 57.7	1.701	2.613	10.1	21.0
2 11	10 41.59	+15 50.1	1.663	2.625	6.0	20.8
2 21	10 30.98	+16 41.6	1.652	2.636	2.6	20.6
3 2	10 20.02	+17 24.9	1.670	2.645	4.8	20.7
3 12	10 9.98	+17 54.6	1.717	2.654	8.8	21.0
3 22	10 1.85	+18 8.0	1.790	2.663	12.6	21.2
4 1	9 56.28	+18 5.2	1.884	2.670	15.8	21.5
371739	2007 ET_{166}		2 24.4	356.°64	3.°9/28.0	17
1 22	10 45.21	− 4 5.9	1.538	2.345	17.1	20.7
2 1	10 42.10	− 3 34.5	1.459	2.343	13.5	20.4
2 11	10 36.72	− 2 35.7	1.400	2.341	9.4	20.2
2 21	10 29.77	− 1 12.2	1.365	2.339	5.3	20.0
3 2	10 22.27	+ 0 28.9	1.356	2.339	4.2	19.9
3 12	10 15.44	+ 2 17.4	1.375	2.339	7.7	20.1
3 22	10 10.29	+ 4 2.4	1.419	2.339	12.0	20.3
4 1	10 7.55	+ 5 35.0	1.485	2.341	15.9	20.6
490095	2008 UN_{23}		2 24.4	142.°91	0.°5/24.9	17
1 22	10 49.50	+ 5 49.8	2.208	3.026	12.2	22.0
2 1	10 44.54	+ 6 19.2	2.131	3.031	9.0	21.8
2 11	10 37.85	+ 7 0.0	2.078	3.036	5.5	21.5
2 21	10 30.01	+ 7 48.5	2.054	3.040	1.6	21.3
3 2	10 21.85	+ 8 39.5	2.060	3.045	2.5	21.4
3 12	10 14.24	+ 9 27.7	2.095	3.049	6.3	21.6
3 22	10 7.92	+10 8.8	2.157	3.053	9.7	21.8
4 1	10 3.48	+10 39.6	2.243	3.057	12.7	22.0
103923	2000 DP_{62}		2 24.4	42.°18	1.°2/25.6	18
1 22	10 46.74	+ 2 35.6	1.974	2.790	13.4	20.1
2 1	10 42.72	+ 3 22.0	1.897	2.794	10.1	19.9
2 11	10 36.86	+ 4 25.0	1.844	2.799	6.3	19.6
2 21	10 29.77	+ 5 40.1	1.819	2.803	2.3	19.4
3 2	10 22.31	+ 7 0.8	1.822	2.808	2.6	19.4
3 12	10 15.43	+ 8 19.7	1.855	2.813	6.6	19.7
3 22	10 9.93	+ 9 30.4	1.914	2.818	10.4	19.9
4 1	10 6.38	+10 28.3	1.996	2.823	13.6	20.1
333861	1995 UV_{40}		2 24.4	123.°82	2.°3/27.3	17
1 22	10 47.20	− 1 20.6	2.654	3.437	11.3	21.6
2 1	10 42.59	− 0 57.4	2.575	3.449	8.8	21.4
2 11	10 36.58	− 0 20.4	2.521	3.460	5.9	21.3
2 21	10 29.68	+ 0 28.2	2.495	3.470	3.2	21.1
3 2	10 22.53	+ 1 24.6	2.499	3.481	2.7	21.1
3 12	10 15.83	+ 2 24.0	2.534	3.491	5.1	21.3
3 22	10 10.18	+ 3 21.8	2.597	3.501	8.0	21.5
4 1	10 6.04	+ 4 14.0	2.685	3.511	10.5	21.6
226024	2002 EG_{123}		2 24.4	29.°88	2.°6/26.6	18
1 22	10 48.93	+ 0 46.1	1.730	2.544	15.2	20.6
2 1	10 44.55	+ 0 57.2	1.655	2.547	11.7	20.3
2 11	10 38.04	+ 1 26.6	1.603	2.552	7.7	20.1
2 21	10 30.10	+ 2 11.3	1.576	2.556	3.7	19.9
3 2	10 21.73	+ 3 6.1	1.577	2.561	3.3	19.9
3 12	10 14.04	+ 4 4.0	1.605	2.566	7.1	20.1
3 22	10 7.96	+ 4 58.3	1.659	2.571	11.1	20.3
4 1	10 4.16	+ 5 43.6	1.736	2.577	14.7	20.6
468833	2012 TM_{271}		2 24.4	196.°95	0.°9/23.4	17
1 22	10 48.29	+10 8.8	2.507	3.334	10.6	21.6
2 1	10 43.54	+10 50.2	2.425	3.332	7.7	21.4
2 11	10 37.22	+11 39.2	2.368	3.330	4.5	21.2
2 21	10 29.86	+12 31.8	2.341	3.328	1.2	20.9
3 2	10 22.18	+13 23.0	2.344	3.325	2.8	21.1
3 12	10 14.94	+14 8.1	2.377	3.323	6.2	21.3
3 22	10 8.84	+14 43.6	2.437	3.320	9.3	21.5
4 1	10 4.38	+15 7.5	2.521	3.316	12.0	21.6
68811	2002 GD_{55}		2 24.4	206.°90	0.°6/24.9	18
1 22	10 54.51	+ 6 34.7	1.826	2.646	14.2	19.6
2 1	10 48.66	+ 6 45.9	1.741	2.643	10.6	19.4
2 11	10 40.50	+ 7 9.2	1.681	2.639	6.5	19.1
2 21	10 30.75	+ 7 41.1	1.648	2.634	2.0	18.8
3 2	10 20.47	+ 8 16.2	1.644	2.629	3.0	18.9
3 12	10 10.83	+ 8 49.0	1.668	2.623	7.5	19.1
3 22	10 2.86	+ 9 14.6	1.719	2.617	11.7	19.4
4 1	9 57.29	+ 9 30.1	1.793	2.611	15.2	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
300178	2006 WV_{36}		2 24.4	220.°94	3.°5/20.2	17
	h m	° ′			°	m
1 22	10 48.17	+19 24.2	2.558	3.401	9.9	21.0
2 1	10 43.49	+20 24.8	2.484	3.398	7.3	20.9
2 11	10 37.20	+21 27.0	2.436	3.394	4.7	20.7
2 21	10 29.86	+22 25.2	2.418	3.391	3.5	20.6
3 2	10 22.20	+23 14.0	2.429	3.387	5.1	20.7
3 12	10 15.01	+23 49.4	2.469	3.383	7.7	20.9
3 22	10 8.98	+24 9.3	2.535	3.379	10.4	21.0
4 1	10 4.65	+24 13.4	2.623	3.375	12.7	21.2
307172	2002 EC_{34}		2 24.4	339.°54	2.°9/22.5	18
1 22	10 50.76	+13 25.0	1.241	2.104	16.8	20.0
2 1	10 46.76	+14 6.9	1.171	2.096	12.3	19.7
2 11	10 39.75	+14 59.6	1.122	2.089	7.3	19.4
2 21	10 30.61	+15 54.7	1.097	2.082	3.0	19.1
3 2	10 20.76	+16 42.3	1.097	2.076	5.8	19.2
3 12	10 11.86	+17 13.8	1.122	2.071	11.0	19.5
3 22	10 5.26	+17 24.9	1.168	2.067	15.9	19.8
4 1	10 1.83	+17 14.7	1.233	2.063	20.1	20.0
29370	1996 FQ_4		2 24.4	19.°38	1.°1/25.2	18
1 22	10 49.60	+ 4 2.1	1.271	2.113	17.9	17.7
2 1	10 45.69	+ 4 37.3	1.204	2.116	13.4	17.4
2 11	10 39.00	+ 5 34.4	1.158	2.118	8.3	17.1
2 21	10 30.40	+ 6 47.5	1.135	2.121	2.7	16.8
3 2	10 21.21	+ 8 7.2	1.139	2.125	3.6	16.9
3 12	10 12.96	+ 9 22.7	1.168	2.129	9.1	17.2
3 22	10 6.85	+10 25.5	1.220	2.134	14.1	17.5
4 1	10 3.70	+11 10.0	1.292	2.139	18.4	17.8
243170	2007 TD_{125}		2 24.4	192.°36	1.°8/22.8	18
1 22	10 53.83	+12 7.7	2.077	2.907	12.4	21.6
2 1	10 47.93	+12 57.2	1.996	2.905	9.0	21.4
2 11	10 39.96	+13 54.8	1.941	2.903	5.3	21.2
2 21	10 30.61	+14 54.5	1.914	2.900	1.9	21.0
3 2	10 20.80	+15 50.0	1.918	2.895	3.9	21.1
3 12	10 11.58	+16 35.3	1.951	2.890	7.8	21.3
3 22	10 3.85	+17 6.9	2.010	2.885	11.4	21.5
4 1	9 58.28	+17 23.1	2.093	2.878	14.5	21.7
285607	2000 QZ_{187}		2 24.4	187.°51	1.°7/22.9	18
1 22	10 55.39	+12 26.2	2.099	2.926	12.4	21.9
2 1	10 49.03	+13 5.8	2.018	2.926	9.0	21.7
2 11	10 40.59	+13 52.5	1.963	2.925	5.3	21.4
2 21	10 30.77	+14 40.8	1.937	2.923	1.9	21.2
3 2	10 20.50	+15 24.7	1.941	2.920	3.8	21.3
3 12	10 10.87	+15 59.0	1.976	2.916	7.7	21.6
3 22	10 2.75	+16 20.6	2.037	2.911	11.2	21.8
4 1	9 56.82	+16 28.2	2.121	2.906	14.3	22.0
506036	2015 KP_{29}		2 24.4	271.°36	5.°2/ 1.1	17
1 22	10 46.84	− 9 21.7	2.520	3.264	12.9	21.4
2 1	10 42.57	− 9 32.0	2.419	3.254	10.7	21.3
2 11	10 36.72	− 9 23.9	2.340	3.243	8.3	21.1
2 21	10 29.77	− 8 57.3	2.287	3.232	6.1	20.9
3 2	10 22.39	− 8 14.1	2.262	3.222	5.2	20.8
3 12	10 15.36	− 7 18.2	2.265	3.211	6.4	20.9
3 22	10 9.38	− 6 15.1	2.296	3.200	8.8	21.0
4 1	10 5.02	− 5 10.6	2.352	3.190	11.4	21.2
16380	1981 EJ_{20}		2 24.4	41.°61	2.°6/22.6	18
1 22	10 54.50	+15 21.4	1.616	2.464	14.4	18.6
2 1	10 48.72	+15 42.4	1.553	2.471	10.5	18.4
2 11	10 40.51	+16 7.8	1.514	2.478	6.2	18.2
2 21	10 30.74	+16 31.3	1.501	2.486	2.7	17.9
3 2	10 20.62	+16 46.9	1.516	2.493	4.8	18.1
3 12	10 11.47	+16 50.0	1.558	2.502	9.1	18.4
3 22	10 4.29	+16 38.9	1.625	2.510	13.0	18.6
4 1	9 59.74	+16 13.9	1.713	2.519	16.3	18.9
246256	2007 TQ_{13}		2 24.4	62.°52	8.°5/16.5	18
1 22	10 56.84	+35 6.5	2.068	2.900	12.3	20.0
2 1	10 50.03	+36 13.5	2.039	2.923	10.2	19.9
2 11	10 41.04	+37 7.0	2.034	2.947	8.8	19.9
2 21	10 30.82	+37 39.5	2.056	2.971	8.7	19.9
3 2	10 20.56	+37 46.4	2.103	2.994	9.9	20.0
3 12	10 11.43	+37 26.9	2.176	3.018	11.8	20.2
3 22	10 4.29	+36 43.9	2.271	3.042	13.8	20.4
4 1	9 59.63	+35 41.9	2.385	3.065	15.6	20.6
495218	2013 EJ_{17}		2 24.4	81.°31	0.°4/24.8	18
1 22	10 50.72	+ 4 35.5	1.445	2.279	16.5	21.5
2 1	10 46.18	+ 5 28.7	1.380	2.289	12.3	21.2
2 11	10 39.13	+ 6 41.3	1.338	2.299	7.4	21.0
2 21	10 30.41	+ 8 6.7	1.322	2.308	2.1	20.7
3 2	10 21.24	+ 9 35.4	1.333	2.318	3.4	20.8
3 12	10 12.97	+10 57.3	1.370	2.328	8.5	21.1
3 22	10 6.67	+12 4.7	1.433	2.337	13.1	21.4
4 1	10 3.05	+12 53.4	1.516	2.347	16.9	21.7

259182 2003 AO_{13} 2 24.4 59.°54 3.°3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.23	+12 55.5	1.539	2.393	14.6	19.7
2 1	10 44.93	+14 35.4	1.488	2.410	10.5	19.4
2 11	10 38.29	+16 25.2	1.461	2.426	6.2	19.2
2 21	10 30.17	+18 14.4	1.460	2.443	3.3	19.1
3 2	10 21.72	+19 52.0	1.488	2.460	5.8	19.3
3 12	10 14.17	+21 9.5	1.543	2.477	9.9	19.6
3 22	10 8.50	+22 2.8	1.622	2.494	13.7	19.8
4 1	10 5.33	+22 31.4	1.720	2.511	16.9	20.1

392483 2011 HX_{31} 2 24.4 115.°47 5.°6/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.47	+24 10.5	2.125	2.974	11.4	20.7
2 1	10 45.45	+25 33.1	2.067	2.979	8.6	20.5
2 11	10 38.47	+26 53.7	2.035	2.984	6.3	20.4
2 21	10 30.21	+28 4.2	2.031	2.989	5.7	20.4
3 2	10 21.62	+28 57.8	2.056	2.994	7.4	20.5
3 12	10 13.71	+29 30.3	2.107	2.998	10.0	20.7
3 22	10 7.32	+29 40.8	2.182	3.003	12.7	20.8
4 1	10 3.05	+29 30.6	2.278	3.007	15.0	21.0

456819 2007 TZ_{392} 2 24.4 95.°05 0.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.71	+ 8 57.6	1.644	2.477	14.9	22.0
2 1	10 48.72	+ 9 32.4	1.587	2.497	10.9	21.8
2 11	10 40.43	+10 18.4	1.554	2.516	6.4	21.5
2 21	10 30.71	+11 9.5	1.548	2.535	1.6	21.3
3 2	10 20.74	+11 58.7	1.571	2.554	3.5	21.5
3 12	10 11.73	+12 39.6	1.622	2.573	8.1	21.8
3 22	10 4.63	+13 8.0	1.698	2.591	12.1	22.0
4 1	10 0.06	+13 22.1	1.796	2.608	15.4	22.3

200607 2001 RG_{145} 2 24.4 240.°06 3.°7/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.90	+17 21.0	1.975	2.811	12.6	21.5
2 1	10 50.54	+18 21.3	1.879	2.791	9.4	21.2
2 11	10 41.73	+19 26.8	1.810	2.769	5.9	21.0
2 21	10 31.13	+20 30.3	1.769	2.747	3.7	20.8
3 2	10 19.77	+21 23.8	1.758	2.723	5.8	20.9
3 12	10 8.91	+22 0.9	1.775	2.699	9.6	21.0
3 22	9 59.66	+22 18.5	1.819	2.673	13.4	21.2
4 1	9 52.86	+22 16.5	1.884	2.646	16.6	21.4

495656 2016 AX_{76} 2 24.4 242.°45 7.°3/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.01	+23 37.5	1.792	2.646	12.9	21.5
2 1	10 47.25	+26 8.5	1.718	2.632	9.9	21.3
2 11	10 39.92	+28 43.0	1.672	2.619	7.7	21.2
2 21	10 30.69	+31 7.8	1.655	2.604	7.7	21.1
3 2	10 20.64	+33 10.2	1.667	2.590	10.0	21.2
3 12	10 11.12	+34 41.4	1.705	2.574	13.2	21.4
3 22	10 3.36	+35 38.5	1.765	2.558	16.3	21.6
4 1	9 58.24	+36 3.5	1.842	2.542	19.0	21.7

114228 2002 VV_{116} 2 24.4 242.°92 3.°2/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.46	− 1 17.8	2.269	3.056	12.9	19.9
2 1	10 44.56	− 1 25.8	2.180	3.054	10.1	19.7
2 11	10 37.92	− 1 19.0	2.115	3.052	7.0	19.5
2 21	10 30.10	− 0 58.8	2.077	3.049	4.0	19.3
3 2	10 21.87	− 0 27.9	2.068	3.047	3.5	19.2
3 12	10 14.12	+ 0 9.1	2.088	3.044	6.1	19.4
3 22	10 7.60	+ 0 47.5	2.135	3.042	9.3	19.6
4 1	10 2.90	+ 1 22.9	2.207	3.039	12.3	19.8

216743 2005 LC_{45} 2 24.4 163.°99 4.°0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.27	− 5 58.3	2.281	3.044	13.5	21.2
2 1	10 45.12	− 5 39.9	2.195	3.050	10.9	21.0
2 11	10 38.23	− 5 1.9	2.132	3.055	7.8	20.8
2 21	10 30.18	− 4 6.0	2.096	3.060	5.0	20.7
3 2	10 21.76	− 2 56.2	2.089	3.064	4.1	20.6
3 12	10 13.85	− 1 38.4	2.113	3.067	6.2	20.7
3 22	10 7.20	− 0 19.3	2.164	3.070	9.2	20.9
4 1	10 2.38	+ 0 55.1	2.241	3.072	12.1	21.1

360573 2003 UU_{128} 2 24.4 150.°27 1.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.97	+10 7.8	2.022	2.848	12.8	21.8
2 1	10 47.96	+10 47.7	1.951	2.858	9.4	21.6
2 11	10 39.93	+11 36.5	1.906	2.867	5.4	21.3
2 21	10 30.62	+12 28.9	1.889	2.876	1.5	21.1
3 2	10 20.96	+13 18.9	1.902	2.883	3.3	21.2
3 12	10 12.00	+14 0.7	1.944	2.890	7.3	21.5
3 22	10 4.60	+14 30.9	2.013	2.897	11.0	21.7
4 1	9 59.36	+14 47.6	2.106	2.902	14.0	21.9

150915 2001 TN_{39} 2 24.4 87.°57 4.°9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.92	+21 24.4	1.801	2.649	13.1	19.1
2 1	10 48.84	+22 17.1	1.747	2.662	9.7	18.9
2 11	10 40.50	+23 8.6	1.718	2.675	6.5	18.7
2 21	10 30.75	+23 51.1	1.716	2.688	4.9	18.6
3 2	10 20.76	+24 18.2	1.743	2.700	6.7	18.8
3 12	10 11.72	+24 25.9	1.796	2.713	10.0	19.0
3 22	10 4.57	+24 14.1	1.874	2.725	13.1	19.2
4 1	9 59.90	+23 44.4	1.972	2.738	15.9	19.4

119882 2002 CP_{239} 2 24.4 222.°10 0.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.91	+ 5 58.0	2.025	2.847	13.0	19.9
2 1	10 45.08	+ 6 24.5	1.942	2.844	9.7	19.6
2 11	10 38.31	+ 7 3.4	1.883	2.841	5.9	19.4
2 21	10 30.22	+ 7 50.9	1.852	2.838	1.7	19.1
3 2	10 21.70	+ 8 41.6	1.850	2.835	2.7	19.2
3 12	10 13.74	+ 9 29.6	1.877	2.832	6.8	19.4
3 22	10 7.17	+10 10.1	1.930	2.828	10.6	19.7
4 1	10 2.65	+10 39.7	2.006	2.825	13.8	19.9

433172 2012 TM_{295} 2 24.4 112.°86 5.°6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.99	−10 0.7	2.435	3.173	13.4	21.2
2 1	10 44.10	−10 20.4	2.353	3.182	11.2	21.1
2 11	10 37.59	−10 21.2	2.292	3.190	8.7	20.9
2 21	10 30.03	−10 3.1	2.258	3.199	6.5	20.8
3 2	10 22.13	− 9 27.9	2.251	3.207	5.6	20.7
3 12	10 14.72	− 8 39.7	2.273	3.215	6.7	20.8
3 22	10 8.47	− 7 44.0	2.322	3.223	8.9	21.0
4 1	10 3.94	− 6 46.4	2.396	3.231	11.3	21.1

43764 1988 BL_5 2 24.4 76.°49 6.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.74	− 6 57.6	1.674	2.447	17.3	18.2
2 1	10 48.15	− 7 39.6	1.604	2.460	14.1	18.0
2 11	10 40.22	− 7 58.7	1.556	2.473	10.6	17.8
2 21	10 30.74	− 7 54.3	1.531	2.486	7.5	17.6
3 2	10 20.82	− 7 28.3	1.534	2.499	6.5	17.6
3 12	10 11.70	− 6 46.6	1.563	2.513	8.4	17.8
3 22	10 4.40	− 5 56.4	1.617	2.526	11.6	18.0
4 1	9 59.59	− 5 5.4	1.694	2.539	14.8	18.2

310257 2011 UM_{30} 2 24.4 187.°05 3.°3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.07	+16 12.1	1.953	2.792	12.7	21.7
2 1	10 48.97	+17 10.8	1.879	2.792	9.3	21.5
2 11	10 40.66	+18 14.5	1.829	2.791	5.6	21.3
2 21	10 30.86	+19 15.9	1.809	2.789	3.3	21.1
3 2	10 20.59	+20 7.9	1.818	2.787	5.3	21.3
3 12	10 11.02	+20 44.7	1.855	2.784	8.9	21.5
3 22	10 3.10	+21 3.7	1.918	2.780	12.5	21.7
4 1	9 57.53	+21 4.9	2.003	2.775	15.5	21.9

54322 2000 JZ_{83} 2 24.4 183.°14 1.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.10	+ 2 59.8	2.139	2.947	12.9	19.8
2 1	10 45.13	+ 3 35.8	2.055	2.948	9.7	19.5
2 11	10 38.31	+ 4 26.5	1.995	2.948	6.1	19.3
2 21	10 30.25	+ 5 28.3	1.963	2.947	2.3	19.1
3 2	10 21.77	+ 6 35.6	1.961	2.946	2.5	19.1
3 12	10 13.82	+ 7 42.1	1.989	2.945	6.4	19.3
3 22	10 7.20	+ 8 42.2	2.044	2.943	10.0	19.5
4 1	10 2.51	+ 9 31.6	2.123	2.941	13.2	19.7

466796 2015 BA_{55} 2 24.4 96.°29 2.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.82	+14 51.4	2.063	2.900	12.1	21.4
2 1	10 47.00	+15 35.9	2.007	2.920	8.8	21.2
2 11	10 39.31	+16 24.6	1.976	2.939	5.2	21.0
2 21	10 30.48	+17 11.6	1.974	2.958	2.5	20.9
3 2	10 21.44	+17 51.1	2.002	2.976	4.3	21.1
3 12	10 13.18	+18 18.9	2.059	2.994	7.7	21.3
3 22	10 6.47	+18 32.6	2.141	3.012	10.9	21.5
4 1	10 1.85	+18 32.0	2.246	3.030	13.7	21.8

334874 2003 UJ_{212} 2 24.4 96.°78 5.°6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.56	− 9 36.8	2.179	2.928	14.5	20.6
2 1	10 43.94	− 9 43.9	2.100	2.938	12.0	20.5
2 11	10 37.57	− 9 29.5	2.042	2.947	9.2	20.3
2 21	10 30.05	− 8 54.1	2.009	2.957	6.6	20.2
3 2	10 22.19	− 8 0.5	2.004	2.966	5.6	20.1
3 12	10 14.87	− 6 54.1	2.027	2.976	6.9	20.2
3 22	10 8.84	− 5 41.5	2.077	2.985	9.5	20.4
4 1	10 4.69	− 4 29.4	2.152	2.994	12.2	20.6

367512 2009 NA_2 2 24.4 162.°77 2.°3/26.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.59	+ 0 59.7	2.323	3.114	12.5	22.3
2 1	10 46.77	+ 1 3.6	2.240	3.120	9.6	22.2
2 11	10 39.20	+ 1 20.9	2.182	3.125	6.3	22.0
2 21	10 30.47	+ 1 49.3	2.152	3.130	3.1	21.8
3 2	10 21.40	+ 2 25.4	2.152	3.135	2.8	21.7
3 12	10 12.86	+ 3 4.6	2.182	3.138	5.9	21.9
3 22	10 5.61	+ 3 42.4	2.241	3.141	9.2	22.2
4 1	10 0.21	+ 4 14.9	2.324	3.144	12.1	22.3

26036 2166 T_{-1} 2 24.4 112.°68 3.°0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.69	+14 36.1	1.486	2.331	15.6	18.3
2 1	10 51.22	+15 23.0	1.430	2.347	11.3	18.0
2 11	10 42.07	+16 16.3	1.398	2.361	6.7	17.8
2 21	10 31.23	+17 7.8	1.392	2.375	3.1	17.6
3 2	10 20.06	+17 49.3	1.414	2.389	5.4	17.8
3 12	10 10.02	+18 14.7	1.462	2.402	9.9	18.1
3 22	10 2.21	+18 21.9	1.536	2.415	14.0	18.3
4 1	9 57.30	+18 11.1	1.629	2.427	17.4	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
117989 4371 $T\text{-}_1$			2 24.4	327.°00	0.°2/24.4	18
1 22	10 48.42	+ 6 51.4	1.231	2.085	17.6	19.3
2 1	10 45.12	+ 7 26.9	1.152	2.072	13.2	19.0
2 11	10 38.89	+ 8 22.5	1.094	2.059	7.9	18.6
2 21	10 30.50	+ 9 32.0	1.060	2.047	2.0	18.2
3 2	10 21.27	+10 45.8	1.051	2.036	4.1	18.3
3 12	10 12.82	+11 53.0	1.066	2.026	10.0	18.6
3 22	10 6.53	+12 45.0	1.104	2.017	15.4	18.9
4 1	10 3.36	+13 16.9	1.160	2.008	19.9	19.1
312051 2007 RO_{285}			2 24.4	45.°92	1.°0/25.2	18
1 22	10 50.81	+ 4 40.9	1.342	2.181	17.3	20.9
2 1	10 46.36	+ 5 9.2	1.283	2.193	12.9	20.7
2 11	10 39.29	+ 5 56.4	1.246	2.206	7.9	20.5
2 21	10 30.53	+ 6 56.6	1.234	2.220	2.5	20.2
3 2	10 21.37	+ 8 1.4	1.248	2.234	3.4	20.3
3 12	10 13.22	+ 9 1.8	1.288	2.249	8.6	20.6
3 22	10 7.18	+ 9 50.8	1.352	2.263	13.2	20.9
4 1	10 3.92	+10 24.2	1.437	2.279	17.1	21.2
327046 2004 SO_{59}			2 24.4	144.°13	5.°8/18.1	18
1 22	10 54.40	+27 37.1	2.425	3.262	10.6	21.0
2 1	10 48.10	+28 44.1	2.371	3.272	8.2	20.8
2 11	10 39.96	+29 45.8	2.344	3.283	6.3	20.7
2 21	10 30.66	+30 35.3	2.346	3.292	5.9	20.7
3 2	10 21.12	+31 7.4	2.376	3.301	7.3	20.8
3 12	10 12.30	+31 19.4	2.434	3.310	9.5	21.0
3 22	10 4.97	+31 11.4	2.517	3.318	11.8	21.1
4 1	9 59.69	+30 45.4	2.620	3.325	13.8	21.3
63966 2001 SY_{70}			2 24.4	66.°60	6.°5/19.7	18
1 22	10 55.23	+20 35.5	1.287	2.150	16.3	17.4
2 1	10 49.68	+22 9.3	1.249	2.172	12.0	17.2
2 11	10 41.23	+23 42.8	1.234	2.193	8.1	17.0
2 21	10 31.01	+25 3.5	1.244	2.215	6.5	17.0
3 2	10 20.56	+26 0.7	1.280	2.236	8.8	17.2
3 12	10 11.48	+26 29.0	1.341	2.258	12.6	17.5
3 22	10 4.90	+26 28.6	1.423	2.280	16.2	17.7
4 1	10 1.42	+26 3.4	1.523	2.301	19.3	18.0
341440 2007 TF_{240}			2 24.4	58.°00	4.°8/19.8	18
1 22	10 51.78	+22 45.4	2.118	2.964	11.5	20.3
2 1	10 46.38	+23 37.1	2.056	2.969	8.6	20.1
2 11	10 39.03	+24 27.0	2.020	2.974	5.9	20.0
2 21	10 30.44	+25 8.4	2.012	2.979	4.8	19.9
3 2	10 21.57	+25 35.7	2.032	2.984	6.5	20.0
3 12	10 13.42	+25 45.3	2.080	2.989	9.2	20.2
3 22	10 6.81	+25 36.6	2.152	2.994	12.1	20.4
4 1	10 2.32	+25 10.9	2.246	2.999	14.5	20.6
113836 2002 TR_{231}			2 24.4	138.°58	3.°2/20.4	18
1 22	10 49.05	+17 44.5	2.637	3.475	9.8	19.9
2 1	10 44.05	+19 0.1	2.574	3.486	7.1	19.8
2 11	10 37.53	+20 18.3	2.538	3.497	4.5	19.6
2 21	10 30.05	+21 33.0	2.533	3.508	3.2	19.6
3 2	10 22.30	+22 38.5	2.558	3.518	4.7	19.7
3 12	10 15.05	+23 30.6	2.613	3.527	7.3	19.9
3 22	10 8.95	+24 7.0	2.694	3.536	9.9	20.0
4 1	10 4.49	+24 27.1	2.798	3.545	12.1	20.2
186620 2003 FY_{37}			2 24.4	98.°41	11.°0/ 5.9	18
1 22	10 49.57	−21 30.8	1.078	1.818	26.8	20.0
2 1	10 46.22	−20 53.1	1.009	1.828	23.2	19.7
2 11	10 39.60	−19 16.2	0.953	1.838	18.9	19.5
2 21	10 30.69	−16 36.3	0.915	1.848	14.5	19.3
3 2	10 21.07	−13 0.0	0.900	1.858	11.3	19.1
3 12	10 12.58	− 8 48.5	0.911	1.867	11.8	19.2
3 22	10 6.68	− 4 29.9	0.946	1.876	15.4	19.4
4 1	10 4.25	− 0 30.3	1.004	1.885	19.8	19.7
264747 2002 CC_{210}			2 24.4	38.°07	1.°0/23.6	18
1 22	10 48.34	+ 6 12.8	1.244	2.095	17.6	20.1
2 1	10 44.47	+ 7 42.5	1.208	2.127	12.7	19.9
2 11	10 38.07	+ 9 29.9	1.194	2.159	7.3	19.7
2 21	10 30.19	+11 24.2	1.205	2.192	1.8	19.4
3 2	10 22.16	+13 12.6	1.243	2.226	4.2	19.7
3 12	10 15.30	+14 44.4	1.306	2.261	9.3	20.1
3 22	10 10.59	+15 53.3	1.394	2.295	13.6	20.4
4 1	10 8.54	+16 37.4	1.502	2.331	17.1	20.7
435690 2008 TN_{104}			2 24.4	183.°71	13.°7/ 7.7	16
1 22	10 49.48	−23 18.9	1.207	1.923	25.6	21.7
2 1	10 46.12	−23 48.7	1.130	1.923	22.9	21.5
2 11	10 39.59	−23 29.6	1.067	1.924	19.7	21.2
2 21	10 30.72	−22 14.2	1.019	1.923	16.4	21.0
3 2	10 20.95	−20 1.6	0.992	1.923	14.1	20.9
3 12	10 12.05	−17 1.8	0.988	1.923	14.0	20.9
3 22	10 5.54	−13 34.0	1.006	1.922	16.1	21.0
4 1	10 2.41	−10 1.1	1.045	1.922	19.5	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
133009 Watters			2 24.4	164.°67	4.°0/28.9	18
1 22	10 47.84	− 5 58.5	2.365	3.130	13.1	20.1
2 1	10 43.33	− 5 48.8	2.277	3.132	10.5	19.9
2 11	10 37.20	− 5 20.8	2.212	3.134	7.6	19.8
2 21	10 29.99	− 4 35.7	2.174	3.136	5.0	19.6
3 2	10 22.42	− 3 36.8	2.165	3.138	4.1	19.5
3 12	10 15.30	− 2 29.4	2.184	3.139	6.0	19.7
3 22	10 9.34	− 1 19.6	2.232	3.140	8.9	19.8
4 1	10 5.09	− 0 12.9	2.305	3.141	11.7	20.0
306720 2000 WX_{86}			2 24.4	112.°14	2.°4/26.4	18
1 22	10 54.00	+ 1 16.0	1.721	2.528	15.5	20.8
2 1	10 48.23	+ 1 25.5	1.654	2.543	11.9	20.6
2 11	10 40.23	+ 1 52.5	1.610	2.558	7.7	20.4
2 21	10 30.79	+ 2 33.8	1.592	2.572	3.6	20.2
3 2	10 20.99	+ 3 24.0	1.602	2.586	3.3	20.2
3 12	10 12.01	+ 4 16.3	1.641	2.600	7.2	20.5
3 22	10 4.81	+ 5 4.4	1.706	2.613	11.2	20.7
4 1	10 0.02	+ 5 43.6	1.794	2.625	14.7	21.0
501501 2014 DG_{35}			2 24.4	344.°23	1.°6/25.3	17
1 22	10 58.94	+ 7 45.3	1.949	2.761	13.8	19.9
2 1	10 51.81	+ 6 52.1	1.859	2.755	10.4	19.7
2 11	10 42.38	+ 6 4.7	1.795	2.748	6.5	19.5
2 21	10 31.37	+ 5 22.2	1.759	2.743	2.5	19.2
3 2	10 19.84	+ 4 43.4	1.753	2.738	3.0	19.2
3 12	10 8.99	+ 4 6.9	1.778	2.733	7.1	19.5
3 22	9 59.82	+ 3 30.9	1.831	2.729	11.1	19.7
4 1	9 53.06	+ 2 53.9	1.907	2.726	14.4	19.9
381909 2010 CG_{29}			2 24.4	41.°04	0.°6/25.0	18
1 22	10 46.96	+ 4 18.2	1.948	2.771	13.3	20.7
2 1	10 42.95	+ 5 8.8	1.874	2.776	9.9	20.5
2 11	10 37.07	+ 6 14.7	1.823	2.781	6.0	20.3
2 21	10 29.97	+ 7 31.1	1.801	2.787	1.8	20.0
3 2	10 22.50	+ 8 51.0	1.807	2.793	2.7	20.1
3 12	10 15.62	+10 7.1	1.842	2.799	6.8	20.4
3 22	10 10.14	+11 13.3	1.904	2.805	10.6	20.6
4 1	10 6.64	+12 5.5	1.988	2.811	13.8	20.8
361139 2006 HN_{57}			2 24.4	5.°85	1.°7/23.4	16
1 22	10 50.98	+11 7.6	1.186	2.048	17.5	21.1
2 1	10 46.94	+11 39.4	1.123	2.048	12.9	20.9
2 11	10 39.88	+12 24.2	1.081	2.048	7.6	20.6
2 21	10 30.76	+13 14.4	1.062	2.050	2.2	20.2
3 2	10 21.03	+14 0.5	1.069	2.052	4.9	20.4
3 12	10 12.38	+14 34.0	1.100	2.055	10.4	20.7
3 22	10 6.09	+14 49.9	1.153	2.059	15.4	21.0
4 1	10 2.98	+14 46.7	1.224	2.064	19.6	21.3
272695 2005 XU_{86}			2 24.5	212.°18	1.°3/25.6	17
1 22	10 51.25	+ 4 23.2	1.987	2.801	13.4	21.0
2 1	10 46.12	+ 4 32.0	1.903	2.800	10.2	20.8
2 11	10 38.97	+ 4 53.9	1.844	2.798	6.4	20.6
2 21	10 30.48	+ 5 25.7	1.812	2.796	2.4	20.3
3 2	10 21.54	+ 6 2.9	1.809	2.794	2.7	20.3
3 12	10 13.18	+ 6 40.3	1.835	2.792	6.7	20.6
3 22	10 6.27	+ 7 13.0	1.887	2.790	10.5	20.8
4 1	10 1.46	+ 7 37.4	1.963	2.788	13.8	21.0
138563 2000 QE_{69}			2 24.5	142.°97	5.°0/29.7	18
1 22	10 51.54	− 8 37.1	2.764	3.498	12.1	20.1
2 1	10 45.81	− 9 11.3	2.677	3.505	10.0	19.9
2 11	10 38.58	− 9 30.2	2.614	3.513	7.7	19.8
2 21	10 30.35	− 9 33.5	2.578	3.520	5.7	19.6
3 2	10 21.80	− 9 22.3	2.571	3.526	5.0	19.6
3 12	10 13.67	− 8 59.3	2.594	3.533	6.2	19.7
3 22	10 6.60	− 8 28.6	2.645	3.539	8.3	19.8
4 1	10 1.11	− 7 54.7	2.722	3.545	10.5	20.0
330969 2009 SM_{357}			2 24.5	126.°97	2.°4/26.5	18
1 22	10 49.80	+ 0 53.2	1.905	2.712	14.2	21.1
2 1	10 45.11	+ 1 7.7	1.825	2.714	11.0	20.9
2 11	10 38.40	+ 1 39.1	1.768	2.715	7.2	20.6
2 21	10 30.33	+ 2 24.7	1.737	2.717	3.4	20.4
3 2	10 21.83	+ 3 19.4	1.735	2.719	3.1	20.4
3 12	10 13.93	+ 4 16.9	1.761	2.720	6.8	20.6
3 22	10 7.51	+ 5 10.9	1.813	2.722	10.6	20.8
4 1	10 3.21	+ 5 56.6	1.889	2.723	13.9	21.1
497688 2006 SD_{54}			2 24.5	150.°02	4.°6/ 1.9	17
1 22	10 47.08	−11 28.3	3.124	3.841	11.2	22.2
2 1	10 42.42	−11 22.0	3.036	3.851	9.3	22.1
2 11	10 36.51	−10 59.0	2.970	3.859	7.2	21.9
2 21	10 29.81	−10 20.1	2.931	3.868	5.4	21.8
3 2	10 22.87	− 9 27.3	2.922	3.876	4.6	21.8
3 12	10 16.29	− 8 24.3	2.942	3.883	5.4	21.8
3 22	10 10.60	− 7 15.9	2.992	3.890	7.2	22.0
4 1	10 6.24	− 6 6.7	3.068	3.897	9.3	22.1

2444 Lederle 2 24.5 76.°74 7.°0/ 1.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.34	− 9 41.7	1.901	2.650	16.3	16.2
2 1	10 47.68	−10 31.8	1.828	2.664	13.6	16.0
2 11	10 39.90	−10 59.8	1.777	2.678	10.6	15.9
2 21	10 30.73	−11 4.4	1.751	2.692	8.0	15.7
3 2	10 21.14	−10 46.8	1.751	2.706	7.0	15.7
3 12	10 12.25	−10 11.6	1.779	2.719	8.4	15.8
3 22	10 4.96	− 9 25.2	1.832	2.733	10.9	16.0
4 1	9 59.93	− 8 34.9	1.909	2.747	13.7	16.2

190162 2005 UM_{45} 2 24.5 213.°58 0.°3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.59	+ 7 0.6	1.662	2.491	15.0	20.9
2 1	10 48.28	+ 7 45.0	1.578	2.485	11.2	20.7
2 11	10 40.49	+ 8 45.0	1.518	2.479	6.7	20.4
2 21	10 30.93	+ 9 54.8	1.485	2.472	1.7	20.0
3 2	10 20.73	+11 6.6	1.480	2.464	3.5	20.1
3 12	10 11.18	+12 12.0	1.503	2.456	8.4	20.4
3 22	10 3.41	+13 4.6	1.552	2.447	12.9	20.7
4 1	9 58.21	+13 40.7	1.622	2.437	16.7	20.9

489966 2008 SA_{45} 2 24.5 170.°04 1.°9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.61	+12 26.4	1.838	2.670	13.6	22.4
2 1	10 50.17	+13 7.2	1.765	2.675	10.0	22.2
2 11	10 41.42	+13 55.8	1.716	2.679	5.8	22.0
2 21	10 31.14	+14 45.9	1.696	2.682	2.1	21.7
3 2	10 20.41	+15 30.9	1.706	2.684	4.2	21.9
3 12	10 10.46	+16 4.7	1.744	2.686	8.4	22.1
3 22	10 2.28	+16 24.3	1.808	2.687	12.2	22.4
4 1	9 56.56	+16 28.5	1.894	2.686	15.5	22.6

456199 2006 JX_{10} 2 24.5 267.°78 0.°5/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.89	+ 6 7.6	1.717	2.543	14.7	22.1
2 1	10 47.86	+ 6 30.5	1.618	2.522	11.1	21.8
2 11	10 40.32	+ 7 8.5	1.542	2.500	6.8	21.5
2 21	10 30.92	+ 7 57.7	1.492	2.478	2.0	21.2
3 2	10 20.69	+ 8 51.8	1.470	2.456	3.2	21.2
3 12	10 10.93	+ 9 43.7	1.477	2.433	8.2	21.4
3 22	10 2.79	+10 26.9	1.509	2.410	12.8	21.7
4 1	9 57.18	+10 57.1	1.563	2.386	16.9	21.9

163645 2002 VB_{10} 2 24.5 124.°52 2.°3/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.80	+15 46.2	2.403	3.237	10.7	20.1
2 1	10 46.13	+16 18.4	2.335	3.246	7.8	20.0
2 11	10 38.80	+16 53.6	2.293	3.255	4.6	19.8
2 21	10 30.42	+17 26.9	2.281	3.264	2.3	19.6
3 2	10 21.80	+17 53.9	2.299	3.272	3.9	19.7
3 12	10 13.79	+18 11.0	2.347	3.281	7.0	19.9
3 22	10 7.08	+18 16.3	2.421	3.289	9.9	20.1
4 1	10 2.21	+18 9.5	2.518	3.297	12.5	20.3

154313 2002 VF_{19} 2 24.5 248.°91 0.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.87	+ 9 1.7	1.724	2.560	14.2	20.0
2 1	10 46.86	+ 9 32.0	1.646	2.557	10.5	19.8
2 11	10 39.55	+10 13.9	1.592	2.554	6.2	19.5
2 21	10 30.67	+11 2.2	1.564	2.552	1.6	19.2
3 2	10 21.28	+11 50.3	1.565	2.549	3.4	19.3
3 12	10 12.58	+12 31.5	1.593	2.546	8.1	19.6
3 22	10 5.58	+13 1.2	1.647	2.543	12.2	19.8
4 1	10 0.99	+13 16.8	1.723	2.540	15.8	20.1

193014 2000 EC_{33} 2 24.5 232.°24 2.°3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.45	+13 33.5	1.766	2.602	13.9	20.4
2 1	10 50.36	+14 12.3	1.678	2.590	10.3	20.1
2 11	10 41.73	+14 59.0	1.614	2.577	6.1	19.9
2 21	10 31.27	+15 47.1	1.578	2.563	2.5	19.6
3 2	10 20.12	+16 29.3	1.571	2.548	4.7	19.7
3 12	10 9.61	+16 59.2	1.592	2.533	9.1	19.9
3 22	10 0.88	+17 13.5	1.639	2.517	13.3	20.2
4 1	9 54.75	+17 11.0	1.707	2.501	16.9	20.3

135334 2001 TG_2 2 24.5 92.°55 1.°7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.76	+ 0 33.5	2.352	3.152	12.1	20.2
2 1	10 42.51	+ 1 11.2	2.275	3.161	9.2	20.0
2 11	10 36.70	+ 2 3.9	2.223	3.170	6.0	19.8
2 21	10 29.89	+ 3 8.2	2.198	3.179	2.7	19.6
3 2	10 22.79	+ 4 19.1	2.203	3.188	2.4	19.6
3 12	10 16.19	+ 5 30.7	2.238	3.197	5.6	19.8
3 22	10 10.75	+ 6 37.7	2.301	3.206	8.8	20.0
4 1	10 6.96	+ 7 35.6	2.389	3.214	11.7	20.2

138584 2000 QC_{139} 2 24.5 189.°49 0.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.96	+10 48.0	2.910	3.731	9.4	20.5
2 1	10 43.88	+11 16.8	2.825	3.730	6.9	20.3
2 11	10 37.42	+11 51.4	2.768	3.728	4.0	20.1
2 21	10 30.07	+12 28.2	2.740	3.726	1.1	19.9
3 2	10 22.45	+13 3.7	2.743	3.724	2.5	20.0
3 12	10 15.21	+13 34.2	2.776	3.721	5.5	20.2
3 22	10 8.96	+13 57.2	2.838	3.718	8.2	20.4
4 1	10 4.16	+14 11.0	2.925	3.715	10.7	20.6

463469 2013 PR_{32} 2 24.5 214.°68 1.°9/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.20	+ 0 5.0	2.286	3.080	12.6	22.3
2 1	10 44.46	+ 0 45.1	2.191	3.073	9.7	22.1
2 11	10 37.97	+ 1 42.1	2.119	3.065	6.3	21.8
2 21	10 30.25	+ 2 52.7	2.076	3.057	2.9	21.6
3 2	10 22.08	+ 4 11.8	2.064	3.048	2.6	21.6
3 12	10 14.33	+ 5 33.0	2.081	3.039	6.0	21.8
3 22	10 7.76	+ 6 50.0	2.127	3.029	9.6	22.0
4 1	10 3.00	+ 7 57.5	2.197	3.018	12.7	22.2

70887 1999 VY_{166} 2 24.5 204.°92 3.°5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.06	+19 17.5	2.436	3.274	10.5	20.5
2 1	10 46.46	+20 8.7	2.358	3.269	7.7	20.3
2 11	10 39.08	+21 1.3	2.307	3.264	5.0	20.1
2 21	10 30.53	+21 49.7	2.284	3.259	3.5	20.0
3 2	10 21.61	+22 28.4	2.292	3.253	5.1	20.1
3 12	10 13.21	+22 53.4	2.329	3.247	7.9	20.3
3 22	10 6.10	+23 2.9	2.392	3.240	10.8	20.4
4 1	10 0.86	+22 57.0	2.477	3.232	13.3	20.6

406404 2007 TP_{105} 2 24.5 185.°11 0.°8/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.25	+ 4 45.6	2.062	2.872	13.2	23.1
2 1	10 47.54	+ 5 15.8	1.977	2.873	9.9	22.9
2 11	10 39.82	+ 5 59.5	1.918	2.873	6.1	22.7
2 21	10 30.74	+ 6 52.7	1.886	2.871	2.0	22.4
3 2	10 21.21	+ 7 50.0	1.884	2.870	2.6	22.4
3 12	10 12.24	+ 8 45.1	1.913	2.867	6.8	22.7
3 22	10 4.71	+ 9 33.0	1.968	2.864	10.6	22.9
4 1	9 59.29	+10 10.0	2.047	2.859	13.8	23.1

116282 2003 YU_{50} 2 24.5 42.°48 3.°9/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.40	+17 30.6	1.814	2.667	12.8	18.8
2 1	10 44.85	+18 37.7	1.758	2.678	9.3	18.6
2 11	10 38.24	+19 48.2	1.727	2.690	5.8	18.4
2 21	10 30.31	+20 54.2	1.724	2.702	3.9	18.3
3 2	10 22.09	+21 48.3	1.749	2.714	5.9	18.4
3 12	10 14.66	+22 25.1	1.800	2.727	9.3	18.7
3 22	10 8.87	+22 42.5	1.876	2.740	12.6	18.9
4 1	10 5.32	+22 40.8	1.973	2.753	15.4	19.1

499043 2009 DO_{62} 2 24.5 43.°34 0.°8/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.46	+ 8 0.3	2.045	2.878	12.4	21.1
2 1	10 42.52	+ 9 6.7	1.975	2.886	9.0	20.9
2 11	10 36.81	+10 25.2	1.931	2.894	5.2	20.7
2 21	10 29.95	+11 49.6	1.914	2.902	1.3	20.4
3 2	10 22.75	+13 12.7	1.927	2.910	3.2	20.6
3 12	10 16.14	+14 27.6	1.969	2.918	7.1	20.8
3 22	10 10.85	+15 29.3	2.038	2.927	10.6	21.0
4 1	10 7.46	+16 14.7	2.129	2.936	13.6	21.3

274444 2008 SR_{47} 2 24.5 159.°01 1.°1/25.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.57	+ 4 20.8	2.203	3.014	12.4	20.9
2 1	10 45.43	+ 4 37.6	2.123	3.017	9.4	20.7
2 11	10 38.49	+ 5 6.6	2.067	3.020	5.8	20.4
2 21	10 30.39	+ 5 44.5	2.038	3.023	2.1	20.2
3 2	10 21.92	+ 6 26.9	2.040	3.025	2.5	20.2
3 12	10 14.00	+ 7 8.8	2.071	3.028	6.2	20.5
3 22	10 7.39	+ 7 45.8	2.130	3.030	9.7	20.7
4 1	10 2.66	+ 8 14.4	2.212	3.032	12.7	20.9

449277 2013 ET_{46} 2 24.5 63.°75 0.°9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.44	+ 5 17.1	1.308	2.145	17.8	21.2
2 1	10 48.99	+ 5 38.3	1.258	2.166	13.2	20.9
2 11	10 40.83	+ 6 17.2	1.228	2.188	8.0	20.7
2 21	10 31.00	+ 7 7.7	1.224	2.210	2.5	20.4
3 2	10 20.89	+ 8 1.8	1.245	2.231	3.4	20.6
3 12	10 11.96	+ 8 51.2	1.294	2.253	8.7	20.9
3 22	10 5.31	+ 9 29.7	1.366	2.275	13.3	21.2
4 1	10 1.58	+ 9 53.7	1.459	2.297	17.1	21.5

171453 2007 SH_{15} 2 24.5 150.°37 1.°0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.22	+10 2.4	1.944	2.771	13.2	21.2
2 1	10 48.27	+10 44.3	1.873	2.780	9.6	21.0
2 11	10 40.23	+11 35.8	1.827	2.789	5.6	20.8
2 21	10 30.85	+12 31.1	1.810	2.797	1.5	20.5
3 2	10 21.10	+13 23.8	1.823	2.804	3.5	20.7
3 12	10 12.06	+14 8.1	1.865	2.811	7.6	20.9
3 22	10 4.64	+14 40.0	1.933	2.817	11.3	21.2
4 1	9 59.46	+14 57.8	2.024	2.822	14.4	21.4

169649 2002 JE_{42} 2 24.5 316.°36 4.°9/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.17	+18 49.8	1.443	2.301	15.2	19.6
2 1	10 49.04	+19 44.1	1.374	2.296	11.3	19.4
2 11	10 41.06	+20 41.9	1.328	2.291	7.2	19.1
2 21	10 31.12	+21 33.8	1.308	2.286	4.9	19.0
3 2	10 20.58	+22 10.7	1.314	2.281	7.2	19.1
3 12	10 10.98	+22 26.2	1.345	2.276	11.4	19.3
3 22	10 3.56	+22 18.6	1.399	2.272	15.5	19.6
4 1	9 59.13	+21 49.5	1.472	2.268	19.1	19.8

144174 2004 BW_{111} 2 24.5 72.°61 4.°1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.22	+16 46.2	1.556	2.409	14.6	19.9
2 1	10 47.88	+17 55.2	1.505	2.425	10.6	19.7
2 11	10 40.11	+19 8.4	1.479	2.442	6.5	19.5
2 21	10 30.82	+20 16.9	1.479	2.459	4.1	19.4
3 2	10 21.24	+21 11.8	1.507	2.475	6.3	19.5
3 12	10 12.68	+21 47.3	1.561	2.492	10.1	19.8
3 22	10 6.13	+22 1.3	1.639	2.508	13.8	20.1
4 1	10 2.22	+21 54.8	1.737	2.525	16.9	20.3

423611 2005 WZ_{68} 2 24.5 338.°49 1.°2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.72	+ 4 49.0	1.564	2.398	15.5	21.1
2 1	10 44.78	+ 5 3.8	1.482	2.390	11.7	20.9
2 11	10 38.45	+ 5 35.1	1.423	2.382	7.3	20.6
2 21	10 30.44	+ 6 18.9	1.390	2.375	2.5	20.3
3 2	10 21.84	+ 7 9.3	1.383	2.369	3.1	20.3
3 12	10 13.89	+ 7 58.7	1.402	2.363	8.0	20.6
3 22	10 7.69	+ 8 40.6	1.447	2.358	12.5	20.8
4 1	10 4.00	+ 9 10.5	1.512	2.354	16.4	21.0

450138 1998 BO_{26} 2 24.5 355.°08 1.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 33.34	+11 41.8	0.600	1.517	21.6	17.9
2 1	10 35.35	+10 20.6	0.544	1.495	16.4	17.5
2 11	10 33.71	+ 9 4.1	0.502	1.477	10.1	17.1
2 21	10 29.32	+ 7 51.7	0.477	1.465	3.3	16.6
3 2	10 23.94	+ 6 42.4	0.469	1.458	4.8	16.7
3 12	10 19.84	+ 5 34.1	0.477	1.456	11.8	17.0
3 22	10 18.76	+ 4 25.3	0.500	1.459	18.2	17.4
4 1	10 21.70	+ 3 14.0	0.537	1.468	23.5	17.7

180601 2004 FH_{81} 2 24.5 91.°62 5.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.97	−12 33.6	1.846	2.589	17.0	19.6
2 1	10 44.51	−11 27.9	1.769	2.605	13.9	19.4
2 11	10 38.05	− 9 50.2	1.713	2.622	10.4	19.2
2 21	10 30.29	− 7 43.3	1.683	2.638	7.0	19.1
3 2	10 22.20	− 5 14.7	1.683	2.654	5.4	19.0
3 12	10 14.81	− 2 36.1	1.712	2.669	7.1	19.1
3 22	10 8.98	+ 0 0.4	1.771	2.685	10.4	19.3
4 1	10 5.30	+ 2 24.3	1.855	2.700	13.7	19.6

196411 Umurhan 2 24.5 83.°74 1.°1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.87	+ 4 13.5	1.425	2.256	16.9	20.9
2 1	10 47.84	+ 4 42.0	1.362	2.267	12.7	20.7
2 11	10 40.21	+ 5 29.1	1.320	2.278	7.8	20.4
2 21	10 30.88	+ 6 29.5	1.304	2.289	2.6	20.2
3 2	10 21.12	+ 7 35.1	1.315	2.301	3.3	20.2
3 12	10 12.31	+ 8 37.2	1.352	2.312	8.4	20.6
3 22	10 5.55	+ 9 28.8	1.415	2.323	13.0	20.8
4 1	10 1.55	+10 5.5	1.498	2.334	16.8	21.1

306269 2011 RT_{14} 2 24.5 153.°91 1.°6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.24	+11 42.8	2.005	2.833	12.8	21.2
2 1	10 48.97	+12 28.6	1.935	2.843	9.3	21.0
2 11	10 40.64	+13 22.2	1.890	2.852	5.4	20.8
2 21	10 30.97	+14 17.7	1.874	2.861	1.8	20.6
3 2	10 20.95	+15 8.8	1.889	2.868	3.8	20.7
3 12	10 11.66	+15 49.7	1.933	2.875	7.7	21.0
3 22	10 3.96	+16 17.3	2.003	2.881	11.3	21.2
4 1	9 58.49	+16 30.2	2.097	2.886	14.3	21.4

217531 2006 WR_{190} 2 24.5 323.°24 4.°3/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.02	+17 25.6	1.555	2.413	14.3	19.9
2 1	10 46.57	+18 26.6	1.483	2.405	10.5	19.6
2 11	10 39.55	+19 33.2	1.433	2.397	6.6	19.4
2 21	10 30.74	+20 36.7	1.410	2.389	4.3	19.2
3 2	10 21.35	+21 27.8	1.413	2.382	6.6	19.3
3 12	10 12.73	+21 59.7	1.443	2.375	10.7	19.5
3 22	10 6.03	+22 9.7	1.495	2.368	14.7	19.8
4 1	10 2.03	+21 57.8	1.567	2.362	18.1	20.0

139841 2001 RG_{43} 2 24.5 159.°02 3.°2/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.70	− 2 51.2	2.555	3.323	12.1	21.4
2 1	10 46.76	− 2 51.5	2.471	3.332	9.6	21.2
2 11	10 39.21	− 2 37.3	2.411	3.340	6.7	21.0
2 21	10 30.60	− 2 10.0	2.379	3.348	4.0	20.9
3 2	10 21.68	− 1 32.5	2.377	3.354	3.4	20.8
3 12	10 13.25	− 0 48.9	2.407	3.360	5.6	21.0
3 22	10 5.98	− 0 3.9	2.465	3.365	8.5	21.2
4 1	10 0.43	+ 0 38.3	2.548	3.369	11.2	21.4

313950 2004 RV_{182} 2 24.5 127.°33 1.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.21	+ 5 9.6	1.703	2.520	15.2	21.2
2 1	10 49.94	+ 5 18.6	1.634	2.532	11.4	21.0
2 11	10 41.32	+ 5 41.6	1.589	2.545	7.0	20.8
2 21	10 31.18	+ 6 14.5	1.571	2.556	2.4	20.5
3 2	10 20.65	+ 6 52.0	1.582	2.567	3.0	20.5
3 12	10 10.99	+ 7 27.9	1.621	2.578	7.5	20.8
3 22	10 3.19	+ 7 57.2	1.687	2.588	11.7	21.1
4 1	9 57.91	+ 8 16.7	1.774	2.597	15.2	21.4

265600 2005 RO_{27} 2 24.5 88.°96 0.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.21	+ 8 58.5	2.012	2.829	13.2	20.8
2 1	10 50.15	+ 9 8.9	1.958	2.859	9.7	20.7
2 11	10 41.17	+ 9 27.5	1.931	2.889	5.7	20.5
2 21	10 31.09	+ 9 50.1	1.931	2.918	1.5	20.2
3 2	10 20.89	+10 12.3	1.963	2.947	2.8	20.4
3 12	10 11.60	+10 29.9	2.024	2.975	6.7	20.7
3 22	10 4.00	+10 40.1	2.113	3.003	10.2	21.0
4 1	9 58.61	+10 41.3	2.225	3.029	13.1	21.2

129778 1999 JY_{35} 2 24.5 282.°52 3.°0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.17	+13 28.6	1.532	2.383	14.9	20.0
2 1	10 47.64	+14 28.7	1.442	2.362	11.0	19.7
2 11	10 40.35	+15 40.5	1.376	2.341	6.6	19.4
2 21	10 31.02	+16 56.0	1.335	2.320	3.1	19.2
3 2	10 20.80	+18 5.3	1.322	2.298	5.7	19.3
3 12	10 11.17	+18 59.3	1.336	2.277	10.5	19.5
3 22	10 3.40	+19 32.8	1.372	2.255	15.1	19.7
4 1	9 58.46	+19 43.7	1.429	2.233	19.1	19.9

428083 2006 KL_{46} 2 24.5 230.°97 0.°7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.98	+ 9 4.8	2.148	2.978	12.0	21.3
2 1	10 44.37	+ 9 44.8	2.067	2.975	8.8	21.0
2 11	10 37.94	+10 34.6	2.011	2.973	5.2	20.8
2 21	10 30.30	+11 29.6	1.984	2.971	1.3	20.5
3 2	10 22.26	+12 24.2	1.986	2.969	3.0	20.7
3 12	10 14.75	+13 12.5	2.016	2.966	6.9	20.9
3 22	10 8.55	+13 50.6	2.074	2.964	10.4	21.1
4 1	10 4.26	+14 15.9	2.154	2.961	13.4	21.3

495903 2005 QO_{133} 2 24.5 223.°50 0.°6/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.49	+ 4 26.2	2.286	3.095	12.1	22.7
2 1	10 45.47	+ 5 8.1	2.189	3.084	9.1	22.5
2 11	10 38.62	+ 6 3.8	2.118	3.072	5.6	22.2
2 21	10 30.50	+ 7 9.3	2.074	3.060	1.8	21.9
3 2	10 21.88	+ 8 19.3	2.062	3.047	2.5	22.0
3 12	10 13.66	+ 9 27.6	2.079	3.033	6.3	22.2
3 22	10 6.65	+10 28.6	2.125	3.019	10.0	22.4
4 1	10 1.49	+11 18.5	2.195	3.004	13.1	22.6

494700 2004 TR_{100} 2 24.5 162.°39 3.°3/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.01	+19 21.0	2.753	3.586	9.6	22.8
2 1	10 46.20	+20 21.0	2.685	3.594	7.0	22.6
2 11	10 38.85	+21 22.0	2.644	3.601	4.5	22.5
2 21	10 30.52	+22 18.5	2.634	3.607	3.3	22.4
3 2	10 21.92	+23 5.7	2.655	3.613	4.7	22.5
3 12	10 13.82	+23 39.8	2.706	3.618	7.2	22.7
3 22	10 6.89	+23 59.4	2.783	3.622	9.7	22.9
4 1	10 1.62	+24 4.2	2.884	3.625	11.9	23.0

386747 2010 BC_{25} 2 24.5 176.°57 8.°2/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.35	+40 32.3	2.890	3.701	9.8	21.5
2 1	10 47.52	+42 10.1	2.848	3.703	8.7	21.4
2 11	10 39.78	+43 35.9	2.833	3.704	8.2	21.4
2 21	10 30.79	+44 42.9	2.844	3.705	8.6	21.4
3 2	10 21.42	+45 26.5	2.881	3.706	9.6	21.5
3 12	10 12.64	+45 44.8	2.942	3.706	11.0	21.6
3 22	10 5.28	+45 39.1	3.024	3.706	12.5	21.7
4 1	9 59.93	+45 12.2	3.122	3.705	13.7	21.8

375303 2008 QU_{12} 2 24.5 153.°33 0.°4/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.50	+ 7 31.6	2.477	3.287	11.3	21.3
2 1	10 47.36	+ 7 39.5	2.398	3.295	8.3	21.2
2 11	10 39.57	+ 7 55.2	2.346	3.302	5.0	21.0
2 21	10 30.73	+ 8 16.0	2.323	3.309	1.5	20.7
3 2	10 21.59	+ 8 38.3	2.331	3.315	2.3	20.8
3 12	10 13.01	+ 8 58.3	2.369	3.321	5.8	21.0
3 22	10 5.68	+ 9 13.1	2.436	3.327	9.0	21.2
4 1	10 0.13	+ 9 20.8	2.527	3.331	11.7	21.4

49821 1999 XA_{70} 2 24.5 305.°85 1.°0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.07	+ 8 46.7	1.291	2.141	17.1	19.3
2 1	10 47.74	+ 9 26.8	1.216	2.135	12.7	19.0
2 11	10 40.46	+10 23.6	1.163	2.128	7.5	18.7
2 21	10 31.06	+11 29.9	1.135	2.122	1.9	18.3
3 2	10 20.91	+12 36.1	1.132	2.116	4.4	18.5
3 12	10 11.62	+13 32.4	1.155	2.110	10.0	18.8
3 22	10 4.52	+14 12.0	1.200	2.105	15.1	19.1
4 1	10 0.53	+14 31.6	1.265	2.099	19.4	19.3

141471 2002 CW_{205} 2 24.5 80.°53 0.°3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.14	+ 7 18.0	1.454	2.291	16.3	20.5
2 1	10 48.64	+ 7 57.7	1.400	2.310	12.0	20.3
2 11	10 40.61	+ 8 52.0	1.368	2.330	7.1	20.0
2 21	10 31.02	+ 9 54.2	1.362	2.349	1.8	19.7
3 2	10 21.12	+10 56.0	1.384	2.369	3.5	19.9
3 12	10 12.28	+11 49.5	1.433	2.388	8.5	20.3
3 22	10 5.52	+12 29.2	1.506	2.407	12.9	20.6
4 1	10 1.47	+12 52.6	1.601	2.425	16.5	20.8

168648 2000 DZ_{56} 2 24.5 19.°62 0.°8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.71	+ 4 57.4	1.476	2.312	16.2	19.6
2 1	10 45.54	+ 5 26.3	1.406	2.314	12.1	19.4
2 11	10 38.91	+ 6 12.8	1.358	2.317	7.4	19.1
2 21	10 30.61	+ 7 12.0	1.335	2.321	2.3	18.8
3 2	10 21.81	+ 8 16.1	1.339	2.325	3.2	18.9
3 12	10 13.81	+ 9 16.7	1.369	2.329	8.2	19.2
3 22	10 7.70	+10 6.9	1.424	2.334	12.8	19.5
4 1	10 4.19	+10 42.2	1.500	2.339	16.7	19.7

364643 2007 TX_{134} 2 24.5 70.°65 3.°3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.17	− 1 33.7	1.461	2.271	17.7	21.0
2 1	10 47.17	− 1 11.6	1.405	2.293	13.6	20.8
2 11	10 39.74	− 0 25.7	1.370	2.316	9.1	20.6
2 21	10 30.80	+ 0 39.7	1.360	2.338	4.7	20.4
3 2	10 21.55	+ 1 57.2	1.377	2.360	3.9	20.4
3 12	10 13.29	+ 3 17.3	1.421	2.383	7.8	20.7
3 22	10 7.02	+ 4 31.5	1.490	2.405	12.0	21.0
4 1	10 3.36	+ 5 33.3	1.581	2.426	15.6	21.3

212930 2008 BX_6 2 24.5 213.°72 0.°2/24.3 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.08	+ 7 44.3	2.762	3.580	10.0	21.0
2 1	10 42.64	+ 8 23.0	2.673	3.575	7.4	20.8
2 11	10 36.80	+ 9 10.3	2.611	3.571	4.3	20.6
2 21	10 30.02	+10 2.8	2.579	3.566	1.1	20.4
3 2	10 22.92	+10 56.1	2.577	3.561	2.2	20.5
3 12	10 16.20	+11 45.7	2.605	3.555	5.5	20.7
3 22	10 10.45	+12 28.2	2.661	3.550	8.4	20.9
4 1	10 6.16	+13 0.9	2.742	3.544	11.0	21.0

129691 1998 SH_{16} 2 24.5 118.°17 0.°3/24.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.54	+ 8 35.8	2.145	2.971	12.2	20.9
2 1	10 45.44	+ 9 5.2	2.072	2.978	9.0	20.7
2 11	10 38.54	+ 9 43.9	2.024	2.985	5.3	20.4
2 21	10 30.48	+10 27.7	2.004	2.991	1.3	20.2
3 2	10 22.10	+11 11.4	2.014	2.998	2.8	20.3
3 12	10 14.31	+11 49.9	2.053	3.004	6.6	20.6
3 22	10 7.89	+12 19.4	2.119	3.010	10.1	20.8
4 1	10 3.40	+12 37.8	2.208	3.016	13.1	21.0

376966 2002 JW_{57} 2 24.5 316.°06 6.°3/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.76	+23 30.2	1.699	2.555	13.4	20.5
2 1	10 47.07	+24 37.1	1.624	2.541	10.2	20.2
2 11	10 39.86	+25 43.5	1.573	2.527	7.3	20.0
2 21	10 30.88	+26 40.0	1.548	2.513	6.3	19.9
3 2	10 21.30	+27 18.1	1.550	2.500	8.3	20.0
3 12	10 12.46	+27 32.3	1.578	2.487	11.6	20.2
3 22	10 5.47	+27 21.6	1.628	2.474	15.1	20.4
4 1	10 1.12	+26 47.8	1.697	2.462	18.1	20.5

120080 2003 ET_{11} 2 24.5 148.°83 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.84	+ 7 42.2	2.012	2.830	13.2	19.9
2 1	10 48.71	+ 7 43.7	1.935	2.835	9.8	19.7
2 11	10 40.53	+ 7 54.6	1.882	2.840	5.9	19.5
2 21	10 31.02	+ 8 11.6	1.858	2.844	1.7	19.2
3 2	10 21.13	+ 8 30.5	1.863	2.848	2.7	19.3
3 12	10 11.91	+ 8 46.9	1.898	2.852	6.8	19.6
3 22	10 4.24	+ 8 57.6	1.959	2.855	10.6	19.8
4 1	9 58.75	+ 9 0.1	2.044	2.858	13.8	20.0

328927 2010 UP_{95} 2 24.5 83.°06 0.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.27	+ 6 5.4	1.762	2.588	14.4	20.7
2 1	10 46.17	+ 7 6.9	1.706	2.612	10.5	20.5
2 11	10 39.02	+ 8 22.5	1.675	2.635	6.2	20.3
2 21	10 30.61	+ 9 45.6	1.671	2.659	1.6	20.0
3 2	10 21.94	+11 8.1	1.697	2.681	3.1	20.2
3 12	10 14.11	+12 22.3	1.751	2.704	7.4	20.5
3 22	10 7.96	+13 22.6	1.832	2.726	11.3	20.8
4 1	10 4.05	+14 6.1	1.935	2.748	14.5	21.0

415206 2012 HU_{18} 2 24.5 27.°76 7.°0/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.14	+19 57.2	1.307	2.181	15.4	19.5
2 1	10 43.94	+22 14.1	1.264	2.193	11.4	19.3
2 11	10 38.05	+24 33.7	1.246	2.206	7.9	19.2
2 21	10 30.40	+26 41.2	1.253	2.220	7.1	19.1
3 2	10 22.33	+28 23.3	1.286	2.234	9.7	19.3
3 12	10 15.31	+29 31.9	1.342	2.250	13.3	19.6
3 22	10 10.45	+30 5.7	1.419	2.266	16.8	19.8
4 1	10 8.40	+30 7.5	1.514	2.284	19.7	20.1

417085 2005 UC_{274} 2 24.5 153.°81 2.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.93	+15 6.9	2.254	3.082	11.6	21.6
2 1	10 49.30	+15 30.6	2.182	3.090	8.4	21.4
2 11	10 40.78	+15 57.6	2.136	3.097	5.0	21.2
2 21	10 31.07	+16 23.1	2.119	3.103	2.2	21.0
3 2	10 21.07	+16 42.5	2.134	3.110	3.8	21.2
3 12	10 11.75	+16 52.2	2.178	3.115	7.3	21.4
3 22	10 3.92	+16 50.5	2.249	3.120	10.5	21.6
4 1	9 58.13	+16 37.2	2.344	3.125	13.2	21.8

109790 2001 RY_{90} 2 24.5 191.°84 1.°4/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.31	+12 7.5	2.499	3.329	10.5	19.9
2 1	10 44.39	+12 46.2	2.419	3.328	7.7	19.7
2 11	10 37.88	+13 31.2	2.364	3.327	4.5	19.5
2 21	10 30.32	+14 17.9	2.339	3.325	1.5	19.3
3 2	10 22.44	+15 1.5	2.345	3.324	3.2	19.4
3 12	10 15.02	+15 37.8	2.379	3.322	6.4	19.6
3 22	10 8.75	+16 3.8	2.442	3.320	9.5	19.8
4 1	10 4.17	+16 17.8	2.527	3.317	12.1	19.9

262411 2006 UN_{42} 2 24.5 76.°97 5.°5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.32	− 8 20.2	1.730	2.498	17.0	20.6
2 1	10 46.26	− 8 12.1	1.669	2.523	13.8	20.4
2 11	10 39.11	− 7 37.9	1.630	2.548	10.2	20.2
2 21	10 30.65	− 6 39.7	1.615	2.573	6.8	20.1
3 2	10 21.91	− 5 22.6	1.627	2.598	5.5	20.1
3 12	10 14.02	− 3 54.8	1.667	2.622	7.5	20.2
3 22	10 7.82	− 2 25.3	1.733	2.646	10.7	20.5
4 1	10 3.91	− 1 2.0	1.823	2.670	13.8	20.7

175296 2005 LG_{30} 2 24.5 171.°49 0.°9/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.99	+ 4 4.4	3.156	3.954	9.4	21.9
2 1	10 43.11	+ 4 25.1	3.069	3.957	7.0	21.7
2 11	10 37.00	+ 4 54.7	3.009	3.960	4.4	21.6
2 21	10 30.10	+ 5 30.6	2.979	3.962	1.7	21.4
3 2	10 22.95	+ 6 9.9	2.979	3.965	1.8	21.4
3 12	10 16.15	+ 6 49.0	3.011	3.966	4.6	21.6
3 22	10 10.23	+ 7 24.9	3.072	3.967	7.2	21.8
4 1	10 5.60	+ 7 54.9	3.159	3.968	9.5	21.9

522239 2016 AL_{271} 2 24.5 297.°00 5.°0/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.93	+19 11.7	1.621	2.477	13.9	20.9
2 1	10 47.36	+20 18.9	1.537	2.457	10.4	20.6
2 11	10 40.15	+21 31.0	1.477	2.438	6.8	20.4
2 21	10 31.03	+22 38.8	1.444	2.419	5.0	20.2
3 2	10 21.15	+23 32.7	1.437	2.400	7.3	20.3
3 12	10 11.91	+24 5.6	1.457	2.381	11.3	20.5
3 22	10 4.52	+24 14.6	1.499	2.362	15.2	20.7
4 1	9 59.86	+23 59.9	1.561	2.343	18.7	20.9

109135 2001 QK_{53} 2 24.5 200.°79 1.°6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.37	+12 20.2	2.177	3.006	11.9	21.0
2 1	10 47.62	+12 56.6	2.094	3.003	8.7	20.8
2 11	10 39.92	+13 39.8	2.037	2.998	5.1	20.6
2 21	10 30.91	+14 24.9	2.008	2.994	1.8	20.3
3 2	10 21.46	+15 6.3	2.009	2.988	3.6	20.4
3 12	10 12.57	+15 39.0	2.040	2.982	7.3	20.7
3 22	10 5.07	+15 59.9	2.098	2.976	10.8	20.9
4 1	9 59.61	+16 7.5	2.179	2.969	13.8	21.0

340827 2006 UR_{175} 2 24.5 165.°97 3.°6/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.04	+21 13.2	2.831	3.669	9.2	21.6
2 1	10 44.78	+22 6.8	2.763	3.673	6.8	21.4
2 11	10 38.06	+23 0.2	2.722	3.676	4.5	21.3
2 21	10 30.39	+23 48.2	2.711	3.679	3.6	21.2
3 2	10 22.46	+24 26.4	2.729	3.682	4.9	21.3
3 12	10 15.01	+24 51.5	2.777	3.685	7.3	21.5
3 22	10 8.67	+25 2.3	2.852	3.687	9.6	21.6
4 1	10 3.90	+24 58.7	2.949	3.688	11.7	21.8

164207 2004 GU_9 2 24.5 190.°84 52.°3/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	13 25.60	+67 30.0	0.295	1.132	53.2	20.7
2 1	13 16.76	+72 10.4	0.293	1.136	52.4	20.6
2 11	12 32.65	+76 1.2	0.292	1.137	52.4	20.6
2 21	11 2.88	+77 24.6	0.291	1.136	53.1	20.6
3 2	9 33.02	+74 51.5	0.292	1.131	54.7	20.7
3 12	8 46.37	+69 20.8	0.293	1.123	56.9	20.7
3 22	8 30.38	+62 20.4	0.296	1.112	59.8	20.8
4 1	8 29.75	+54 34.2	0.299	1.098	63.1	20.9

19984 1990 EP_2 2 24.5 340.°91 4.°5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.51	− 1 55.9	1.385	2.201	18.1	18.0
2 1	10 45.68	− 2 7.1	1.305	2.195	14.4	17.7
2 11	10 39.19	− 1 54.4	1.246	2.190	10.0	17.4
2 21	10 30.78	− 1 18.8	1.210	2.185	5.8	17.2
3 2	10 21.67	− 0 24.9	1.199	2.180	4.9	17.1
3 12	10 13.28	+ 0 39.0	1.213	2.177	8.6	17.3
3 22	10 6.84	+ 1 43.7	1.252	2.174	13.2	17.5
4 1	10 3.20	+ 2 41.0	1.311	2.171	17.3	17.8

497875 2006 UN_{211} 2 24.5 214.°79 5.°2/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.53	+27 23.5	2.667	3.503	9.7	21.7
2 1	10 46.76	+28 14.1	2.597	3.499	7.6	21.5
2 11	10 39.29	+29 0.1	2.554	3.494	5.8	21.4
2 21	10 30.72	+29 36.1	2.540	3.489	5.3	21.4
3 2	10 21.86	+29 57.3	2.554	3.484	6.6	21.4
3 12	10 13.55	+30 1.0	2.597	3.479	8.7	21.6
3 22	10 6.52	+29 47.1	2.665	3.473	11.0	21.7
4 1	10 1.32	+29 17.0	2.754	3.468	13.0	21.9

373327 2012 JR_{21} 2 24.5 294.°84 1.°0/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.60	+10 18.6	1.726	2.565	14.1	20.9
2 1	10 46.87	+10 44.2	1.636	2.548	10.4	20.7
2 11	10 39.75	+11 20.3	1.569	2.532	6.2	20.4
2 21	10 30.92	+12 2.1	1.529	2.516	1.7	20.0
3 2	10 21.42	+12 42.9	1.517	2.500	3.7	20.1
3 12	10 12.48	+13 16.5	1.533	2.485	8.4	20.4
3 22	10 5.19	+13 38.2	1.573	2.469	12.7	20.6
4 1	10 0.35	+13 45.4	1.635	2.454	16.5	20.8

420549 2012 GP_{21} 2 24.5 316.°71 10.°1/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.60	+31 17.9	1.458	2.314	15.2	20.5
2 1	10 50.57	+32 39.4	1.385	2.291	12.5	20.3
2 11	10 42.28	+33 52.5	1.336	2.270	10.5	20.1
2 21	10 31.63	+34 44.4	1.309	2.248	10.4	20.0
3 2	10 20.13	+35 4.4	1.308	2.228	12.4	20.1
3 12	10 9.61	+34 47.6	1.328	2.208	15.5	20.2
3 22	10 1.54	+33 55.7	1.369	2.188	18.8	20.3
4 1	9 56.86	+32 34.5	1.426	2.170	21.9	20.5

102580 1999 UC_{44} 2 24.5 89.°92 3.°6/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.79	− 0 35.6	1.364	2.178	18.5	20.0
2 1	10 49.37	− 0 34.3	1.301	2.192	14.3	19.8
2 11	10 41.22	− 0 9.8	1.260	2.207	9.6	19.6
2 21	10 31.28	+ 0 34.9	1.243	2.221	5.0	19.3
3 2	10 20.90	+ 1 33.5	1.252	2.235	4.2	19.3
3 12	10 11.54	+ 2 37.1	1.288	2.249	8.4	19.6
3 22	10 4.36	+ 3 37.1	1.348	2.263	13.0	19.9
4 1	10 0.09	+ 4 26.8	1.429	2.276	16.9	20.2

154303 2002 UW_{20} 2 24.5 76.°50 3.°3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.04	− 0 52.4	1.694	2.498	15.8	19.7
2 1	10 46.28	− 0 48.6	1.618	2.503	12.3	19.5
2 11	10 39.28	− 0 25.0	1.565	2.508	8.3	19.2
2 21	10 30.77	+ 0 16.0	1.536	2.513	4.5	19.0
3 2	10 21.79	+ 1 9.6	1.536	2.518	3.8	19.0
3 12	10 13.51	+ 2 8.8	1.563	2.523	7.3	19.2
3 22	10 6.91	+ 3 6.2	1.615	2.528	11.3	19.5
4 1	10 2.67	+ 3 56.0	1.691	2.533	14.9	19.7

201438 2003 EQ_{20} 2 24.5 281.°91 2.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.35	+13 36.1	1.429	2.277	15.9	19.9
2 1	10 50.77	+13 56.9	1.350	2.268	11.8	19.6
2 11	10 42.23	+14 25.6	1.294	2.258	7.0	19.3
2 21	10 31.61	+14 55.5	1.263	2.249	2.6	19.0
3 2	10 20.24	+15 19.0	1.259	2.239	5.0	19.2
3 12	10 9.72	+15 30.0	1.281	2.230	10.0	19.4
3 22	10 1.38	+15 25.3	1.327	2.221	14.8	19.7
4 1	9 56.11	+15 4.2	1.393	2.211	18.8	19.9

420542 2012 GK_{17} 2 24.5 328.°01 3.°4/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 45.90	− 3 58.7	1.618	2.421	16.5	21.0
2 1	10 42.71	− 3 12.2	1.530	2.413	13.1	20.7
2 11	10 37.29	− 1 57.7	1.463	2.405	9.0	20.4
2 21	10 30.28	− 0 18.4	1.422	2.398	4.9	20.2
3 2	10 22.67	+ 1 38.3	1.408	2.391	3.8	20.1
3 12	10 15.63	+ 3 41.5	1.421	2.385	7.5	20.3
3 22	10 10.17	+ 5 39.9	1.461	2.379	11.9	20.5
4 1	10 7.07	+ 7 24.2	1.523	2.373	15.9	20.8

464800 2004 JU_{34} 2 24.5 276.°62 2.°3/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.00	+ 0 30.7	2.053	2.852	13.7	22.6
2 1	10 46.26	+ 0 51.2	1.936	2.821	10.7	22.4
2 11	10 39.37	+ 1 29.5	1.843	2.789	7.1	22.1
2 21	10 30.85	+ 2 23.6	1.776	2.756	3.4	21.8
3 2	10 21.54	+ 3 29.2	1.739	2.723	3.1	21.7
3 12	10 12.46	+ 4 39.9	1.731	2.690	7.0	21.9
3 22	10 4.64	+ 5 48.7	1.751	2.655	11.1	22.0
4 1	9 58.88	+ 6 49.6	1.794	2.620	14.9	22.2

214473 2005 TH_{2} 2 24.5 226.°20 2.°0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.49	+14 55.0	2.758	3.592	9.5	20.9
2 1	10 43.73	+15 39.3	2.673	3.584	6.9	20.7
2 11	10 37.50	+16 27.7	2.615	3.577	4.1	20.5
2 21	10 30.28	+17 16.0	2.586	3.569	2.1	20.4
3 2	10 22.73	+17 59.4	2.588	3.561	3.6	20.5
3 12	10 15.57	+18 34.1	2.620	3.553	6.4	20.6
3 22	10 9.45	+18 57.5	2.679	3.544	9.2	20.8
4 1	10 4.85	+19 8.5	2.761	3.535	11.6	21.0

193916 2001 QF_{270} 2 24.5 226.°27 0.°6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.69	+ 7 46.4	1.714	2.543	14.6	21.4
2 1	10 48.42	+ 8 32.5	1.626	2.534	10.9	21.2
2 11	10 40.68	+ 9 33.4	1.562	2.524	6.5	20.9
2 21	10 31.19	+10 43.2	1.525	2.513	1.6	20.5
3 2	10 21.01	+11 54.3	1.517	2.501	3.5	20.6
3 12	10 11.41	+12 58.4	1.537	2.489	8.4	20.9
3 22	10 3.52	+13 49.5	1.583	2.476	12.8	21.1
4 1	9 58.16	+14 23.8	1.651	2.462	16.6	21.3

427613 2003 SR_{415} 2 24.5 154.°16 3.°2/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.77	+19 4.1	2.517	3.352	10.3	22.4
2 1	10 46.90	+19 49.1	2.449	3.359	7.5	22.2
2 11	10 39.36	+20 34.9	2.409	3.366	4.8	22.1
2 21	10 30.77	+21 16.3	2.397	3.373	3.2	22.0
3 2	10 21.92	+21 48.4	2.416	3.379	4.7	22.1
3 12	10 13.65	+22 7.8	2.464	3.384	7.5	22.2
3 22	10 6.67	+22 13.0	2.539	3.389	10.2	22.4
4 1	10 1.50	+22 4.4	2.637	3.394	12.5	22.6

168116 2006 FL_{11} 2 24.5 253.°05 4.°4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.57	+18 10.5	1.616	2.465	14.3	20.3
2 1	10 49.98	+19 3.7	1.538	2.455	10.6	20.1
2 11	10 41.68	+20 1.1	1.483	2.445	6.7	19.8
2 21	10 31.48	+20 54.2	1.455	2.434	4.4	19.6
3 2	10 20.62	+21 34.6	1.455	2.423	6.6	19.7
3 12	10 10.52	+21 55.8	1.482	2.411	10.6	19.9
3 22	10 2.39	+21 55.6	1.532	2.400	14.7	20.1
4 1	9 57.07	+21 34.9	1.602	2.388	18.2	20.4

89729 2001 YQ_{136} 2 24.5 251.°97 3.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.08	+16 10.3	1.686	2.528	14.2	19.0
2 1	10 51.07	+16 50.3	1.597	2.511	10.5	18.7
2 11	10 42.36	+17 36.1	1.533	2.495	6.4	18.4
2 21	10 31.68	+18 20.3	1.495	2.477	3.4	18.2
3 2	10 20.23	+18 55.1	1.486	2.460	5.6	18.3
3 12	10 9.43	+19 14.3	1.505	2.441	10.0	18.5
3 22	10 0.51	+19 15.1	1.548	2.422	14.2	18.7
4 1	9 54.37	+18 57.5	1.612	2.403	17.9	18.9

114913 2003 QG_{33} 2 24.5 167.°77 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.12	+ 6 49.3	2.052	2.868	13.0	20.7
2 1	10 48.22	+ 7 20.7	1.974	2.873	9.7	20.5
2 11	10 40.31	+ 8 3.8	1.920	2.878	5.8	20.3
2 21	10 31.07	+ 8 54.0	1.895	2.882	1.6	20.0
3 2	10 21.43	+ 9 45.8	1.900	2.885	2.7	20.1
3 12	10 12.41	+10 33.4	1.935	2.887	6.9	20.3
3 22	10 4.87	+11 12.2	1.997	2.889	10.6	20.6
4 1	9 59.46	+11 39.3	2.082	2.889	13.8	20.8

37174 2000 WE_{37} 2 24.5 115.°36 4.°6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.73	+20 35.9	2.139	2.984	11.5	19.0
2 1	10 46.40	+21 59.7	2.085	2.999	8.5	18.9
2 11	10 39.18	+23 23.8	2.058	3.013	5.7	18.7
2 21	10 30.76	+24 40.6	2.059	3.027	4.6	18.7
3 2	10 22.05	+25 43.1	2.090	3.041	6.4	18.8
3 12	10 14.04	+26 26.6	2.149	3.054	9.2	19.0
3 22	10 7.53	+26 49.7	2.232	3.067	11.9	19.2
4 1	10 3.07	+26 53.2	2.337	3.079	14.3	19.4

382335 2013 TT_{32} 2 24.5 203.°31 2.°2/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.30	+14 34.4	2.168	3.003	11.7	21.1
2 1	10 46.85	+15 11.9	2.089	3.001	8.5	20.9
2 11	10 39.49	+15 54.4	2.036	2.998	5.1	20.7
2 21	10 30.86	+16 36.6	2.011	2.995	2.3	20.5
3 2	10 21.83	+17 13.0	2.017	2.992	4.1	20.6
3 12	10 13.38	+17 39.0	2.051	2.988	7.6	20.8
3 22	10 6.33	+17 51.8	2.111	2.985	11.0	21.0
4 1	10 1.30	+17 50.8	2.194	2.981	13.8	21.2

155269 2005 WC_{113} 2 24.5 119.°15 0.°5/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.09	+ 7 37.0	2.266	3.085	11.9	20.8
2 1	10 45.74	+ 8 33.6	2.202	3.104	8.7	20.7
2 11	10 38.71	+ 9 40.5	2.163	3.123	5.1	20.5
2 21	10 30.63	+10 52.3	2.154	3.141	1.3	20.2
3 2	10 22.30	+12 3.0	2.176	3.159	2.7	20.4
3 12	10 14.58	+13 6.8	2.227	3.176	6.4	20.6
3 22	10 8.19	+13 59.5	2.307	3.192	9.7	20.9
4 1	10 3.63	+14 38.6	2.410	3.208	12.4	21.1

219807 2002 AO_{173} 2 24.5 77.°80 0.°7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.79	+ 6 11.8	1.804	2.627	14.2	20.9
2 1	10 47.34	+ 6 25.8	1.739	2.641	10.6	20.7
2 11	10 39.80	+ 6 52.2	1.698	2.656	6.4	20.5
2 21	10 30.93	+ 7 26.9	1.684	2.670	2.0	20.2
3 2	10 21.75	+ 8 4.4	1.699	2.685	2.8	20.3
3 12	10 13.36	+ 8 39.2	1.742	2.699	7.1	20.6
3 22	10 6.64	+ 9 6.7	1.811	2.713	11.0	20.8
4 1	10 2.19	+ 9 24.1	1.903	2.727	14.3	21.1

207910 2008 UA_{303} 2 24.5 89.°10 2.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.68	+ 2 52.9	1.473	2.294	17.0	21.2
2 1	10 49.12	+ 3 5.4	1.411	2.310	12.8	21.0
2 11	10 41.01	+ 3 36.3	1.372	2.326	8.1	20.8
2 21	10 31.27	+ 4 21.6	1.358	2.341	3.3	20.5
3 2	10 21.15	+ 5 14.5	1.371	2.356	3.3	20.6
3 12	10 12.00	+ 6 7.2	1.411	2.371	8.0	20.9
3 22	10 4.90	+ 6 52.9	1.476	2.386	12.4	21.2
4 1	10 0.52	+ 7 27.1	1.563	2.400	16.2	21.4

356562 2011 SA_{205} 2 24.5 351.°25 4.°9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.82	+17 55.0	1.292	2.155	16.3	20.1
2 1	10 49.06	+18 49.9	1.228	2.152	12.0	19.8
2 11	10 41.27	+19 49.7	1.186	2.150	7.6	19.6
2 21	10 31.40	+20 44.3	1.169	2.148	4.9	19.4
3 2	10 20.91	+21 23.7	1.177	2.147	7.3	19.5
3 12	10 11.48	+21 40.8	1.210	2.146	11.8	19.8
3 22	10 4.42	+21 33.9	1.265	2.146	16.2	20.0
4 1	10 0.54	+21 4.5	1.338	2.146	20.0	20.3

504484 2008 FL_{103} 2 24.5 263.°51 4.°1/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.25	− 5 48.2	2.131	2.901	14.2	22.2
2 1	10 44.85	− 5 24.4	2.018	2.878	11.4	21.9
2 11	10 38.48	− 4 38.3	1.928	2.855	8.3	21.7
2 21	10 30.65	− 3 30.9	1.864	2.831	5.2	21.4
3 2	10 22.16	− 2 5.9	1.829	2.807	4.2	21.3
3 12	10 13.97	− 0 30.2	1.824	2.782	6.7	21.4
3 22	10 6.99	+ 1 8.2	1.846	2.756	10.3	21.6
4 1	10 1.96	+ 2 41.6	1.893	2.730	13.8	21.8

244618 2003 AN_{74} 2 24.5 85.°84 8.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.06	+36 49.8	2.356	3.184	11.2	19.6
2 1	10 48.15	+38 33.4	2.332	3.207	9.5	19.5
2 11	10 40.21	+40 3.6	2.334	3.231	8.6	19.5
2 21	10 31.03	+41 12.9	2.363	3.254	8.9	19.5
3 2	10 21.64	+41 56.1	2.418	3.277	10.1	19.6
3 12	10 13.10	+42 11.7	2.497	3.299	11.7	19.8
3 22	10 6.25	+42 1.6	2.597	3.321	13.4	20.0
4 1	10 1.64	+41 29.7	2.714	3.343	14.8	20.1

337838 2001 VZ_{72} 2 24.5 192.°71 4.°1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.54	− 6 25.4	2.523	3.282	12.5	21.1
2 1	10 43.15	− 6 21.0	2.431	3.281	10.1	21.0
2 11	10 37.23	− 5 59.2	2.362	3.280	7.4	20.8
2 21	10 30.28	− 5 21.1	2.320	3.279	5.0	20.6
3 2	10 22.97	− 4 29.5	2.307	3.278	4.1	20.6
3 12	10 16.05	− 3 29.0	2.323	3.277	5.8	20.7
3 22	10 10.21	− 2 24.9	2.367	3.275	8.5	20.8
4 1	10 5.96	− 1 22.7	2.437	3.274	11.1	21.0

399503 2002 TO_{377} 2 24.5 205.°41 1.°1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.46	+ 3 49.7	1.759	2.573	14.9	21.9
2 1	10 48.90	+ 4 21.3	1.672	2.568	11.3	21.7
2 11	10 40.95	+ 5 10.0	1.608	2.563	7.1	21.4
2 21	10 31.32	+ 6 11.5	1.571	2.556	2.5	21.1
3 2	10 21.05	+ 7 19.3	1.563	2.549	3.0	21.1
3 12	10 11.38	+ 8 25.7	1.584	2.541	7.7	21.4
3 22	10 3.38	+ 9 23.8	1.631	2.532	12.1	21.6
4 1	9 57.84	+10 8.9	1.701	2.522	15.8	21.8

258467 2001 YS_{131} 2 24.5 330.°94 8.°6/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.11	+27 56.9	1.588	2.449	13.9	19.8
2 1	10 46.85	+29 41.2	1.528	2.440	11.0	19.6
2 11	10 39.88	+31 20.8	1.491	2.432	8.9	19.5
2 21	10 31.04	+32 44.0	1.480	2.425	8.8	19.5
3 2	10 21.60	+33 40.5	1.495	2.418	10.9	19.6
3 12	10 13.02	+34 5.0	1.532	2.411	13.8	19.7
3 22	10 6.50	+33 57.5	1.591	2.405	16.9	19.9
4 1	10 2.81	+33 21.7	1.666	2.400	19.5	20.1

174662 2003 SZ_{213} 2 24.5 171.°53 1.°6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.04	+11 47.9	2.127	2.954	12.2	21.6
2 1	10 48.14	+12 36.2	2.051	2.958	8.9	21.4
2 11	10 40.27	+13 32.2	2.000	2.962	5.2	21.2
2 21	10 31.10	+14 30.3	1.979	2.965	1.8	21.0
3 2	10 21.53	+15 24.3	1.989	2.967	3.7	21.1
3 12	10 12.58	+16 8.7	2.027	2.969	7.4	21.3
3 22	10 5.09	+16 40.0	2.093	2.969	10.9	21.6
4 1	9 59.68	+16 56.8	2.182	2.969	13.9	21.8

503562 2016 FP_{54} 2 24.5 267.°15 4.°1/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.77	− 4 32.9	2.124	2.900	14.0	20.9
2 1	10 45.22	− 4 30.8	2.016	2.880	11.3	20.7
2 11	10 38.70	− 4 9.4	1.931	2.859	8.2	20.5
2 21	10 30.73	− 3 29.3	1.872	2.838	5.2	20.3
3 2	10 22.12	− 2 33.5	1.841	2.817	4.3	20.2
3 12	10 13.84	− 1 27.4	1.839	2.795	6.8	20.3
3 22	10 6.80	− 0 17.7	1.864	2.773	10.3	20.4
4 1	10 1.71	+ 0 49.1	1.913	2.751	13.6	20.6

113571 2002 TY_{37} 2 24.5 183.°48 3.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.24	+14 32.4	1.825	2.662	13.5	20.9
2 1	10 50.11	+15 36.6	1.751	2.663	9.9	20.7
2 11	10 41.60	+16 48.0	1.701	2.663	5.9	20.4
2 21	10 31.48	+17 59.0	1.680	2.663	3.0	20.3
3 2	10 20.84	+19 1.4	1.689	2.661	5.2	20.4
3 12	10 10.93	+19 48.6	1.726	2.659	9.2	20.6
3 22	10 2.78	+20 17.1	1.788	2.655	12.9	20.8
4 1	9 57.12	+20 26.5	1.872	2.651	16.2	21.1

352 Gisela 2 24.5 108.°38 2.°5/26.3 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.38	+ 1 16.7	1.478	2.293	17.3	13.6
2 1	10 49.66	+ 1 32.1	1.415	2.308	13.2	13.3
2 11	10 41.38	+ 2 7.9	1.373	2.324	8.5	13.1
2 21	10 31.42	+ 3 0.1	1.357	2.338	3.8	12.9
3 2	10 21.05	+ 4 1.9	1.368	2.353	3.5	12.9
3 12	10 11.64	+ 5 4.9	1.407	2.367	8.0	13.2
3 22	10 4.29	+ 6 1.4	1.470	2.380	12.5	13.5
4 1	9 59.69	+ 6 46.2	1.556	2.393	16.2	13.7

72218 2001 AL_6 2 24.5 103.°60 3.°0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.64	− 0 54.1	1.638	2.444	16.2	20.0
2 1	10 46.78	− 0 34.7	1.567	2.453	12.6	19.8
2 11	10 39.64	+ 0 6.1	1.517	2.463	8.4	19.5
2 21	10 30.96	+ 1 4.9	1.494	2.472	4.3	19.3
3 2	10 21.85	+ 2 15.6	1.498	2.481	3.6	19.3
3 12	10 13.50	+ 3 29.9	1.529	2.490	7.4	19.5
3 22	10 6.90	+ 4 39.8	1.587	2.499	11.5	19.8
4 1	10 2.73	+ 5 39.2	1.667	2.508	15.2	20.0

167561 2004 BX_{39} 2 24.5 216.°29 2.°8/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.59	− 0 38.8	2.488	3.272	12.0	20.4
2 1	10 45.42	− 0 45.4	2.394	3.267	9.4	20.2
2 11	10 38.61	− 0 38.8	2.324	3.261	6.4	20.0
2 21	10 30.68	− 0 20.5	2.282	3.256	3.6	19.8
3 2	10 22.35	+ 0 7.0	2.270	3.250	3.1	19.8
3 12	10 14.43	+ 0 39.9	2.288	3.244	5.7	19.9
3 22	10 7.62	+ 1 13.8	2.334	3.238	8.7	20.1
4 1	10 2.50	+ 1 44.9	2.405	3.231	11.6	20.3

150048 2005 YV_{94} 2 24.5 129.°32 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.70	+11 21.5	2.150	2.973	12.3	20.0
2 1	10 49.22	+11 35.8	2.081	2.985	9.0	19.8
2 11	10 40.84	+11 56.2	2.037	2.997	5.3	19.6
2 21	10 31.26	+12 18.6	2.022	3.009	1.4	19.3
3 2	10 21.40	+12 38.6	2.038	3.020	3.0	19.5
3 12	10 12.26	+12 52.3	2.083	3.031	6.8	19.7
3 22	10 4.63	+12 57.3	2.156	3.041	10.3	19.9
4 1	9 59.09	+12 52.3	2.252	3.051	13.2	20.2

317356 2002 MD_7 2 24.5 178.°25 0.°7/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.21	+ 4 44.4	3.083	3.887	9.4	21.0
2 1	10 41.91	+ 5 9.0	2.996	3.888	7.0	20.9
2 11	10 36.39	+ 5 42.4	2.935	3.888	4.3	20.7
2 21	10 30.07	+ 6 22.0	2.904	3.888	1.5	20.5
3 2	10 23.50	+ 7 4.6	2.903	3.889	1.8	20.5
3 12	10 17.28	+ 7 46.6	2.933	3.888	4.6	20.7
3 22	10 11.91	+ 8 24.6	2.992	3.888	7.3	20.9
4 1	10 7.83	+ 8 56.1	3.076	3.888	9.7	21.0

29894 1999 GD_{39} 2 24.5 32.°67 2.°1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.78	+12 21.6	1.986	2.829	12.3	18.1
2 1	10 43.67	+13 26.4	1.917	2.834	8.9	17.9
2 11	10 37.67	+14 39.5	1.874	2.838	5.2	17.7
2 21	10 30.44	+15 54.5	1.859	2.844	2.2	17.5
3 2	10 22.85	+17 4.1	1.872	2.849	4.2	17.6
3 12	10 15.86	+18 1.9	1.914	2.854	7.9	17.8
3 22	10 10.29	+18 44.0	1.981	2.860	11.3	18.1
4 1	10 6.71	+19 8.7	2.071	2.866	14.3	18.3

82568 2001 OX_{81} 2 24.5 131.°48 2.°0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.60	− 0 37.9	2.495	3.284	11.8	20.1
2 1	10 43.15	− 0 2.5	2.414	3.292	9.1	19.9
2 11	10 37.21	+ 0 48.0	2.358	3.300	6.0	19.7
2 21	10 30.30	+ 1 50.4	2.330	3.308	3.0	19.5
3 2	10 23.10	+ 3 0.3	2.332	3.316	2.5	19.5
3 12	10 16.35	+ 4 12.1	2.365	3.323	5.4	19.7
3 22	10 10.70	+ 5 20.5	2.426	3.330	8.4	19.9
4 1	10 6.63	+ 6 21.1	2.512	3.337	11.2	20.1

234934 2002 UG_{28} 2 24.5 152.°82 1.°3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.28	+ 2 9.4	2.636	3.433	11.0	21.2
2 1	10 43.58	+ 2 42.8	2.554	3.440	8.3	21.0
2 11	10 37.44	+ 3 28.6	2.498	3.446	5.3	20.8
2 21	10 30.36	+ 4 23.6	2.470	3.452	2.2	20.6
3 2	10 22.99	+ 5 23.6	2.473	3.458	2.1	20.6
3 12	10 16.06	+ 6 23.7	2.506	3.463	5.2	20.8
3 22	10 10.17	+ 7 19.4	2.568	3.468	8.2	21.0
4 1	10 5.81	+ 8 7.2	2.655	3.472	10.9	21.2

117030 2004 JJ_{15} 2 24.5 27.°42 8.°2/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.50	−12 43.8	1.700	2.448	18.0	19.6
2 1	10 45.31	−13 16.3	1.620	2.450	15.3	19.4
2 11	10 38.84	−13 20.9	1.559	2.453	12.3	19.2
2 21	10 30.79	−12 55.9	1.520	2.456	9.5	19.1
3 2	10 22.18	−12 2.8	1.507	2.459	8.2	19.0
3 12	10 14.21	−10 48.0	1.519	2.463	9.2	19.1
3 22	10 7.88	− 9 20.5	1.556	2.467	11.9	19.2
4 1	10 3.93	− 7 50.1	1.616	2.471	14.9	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
420547	2012 GU_{19}		2 24.5	54.°04	8.°5/18.4	18
	h m	° ′			°	m
1 22	10 57.94	+29 27.3	1.535	2.386	14.8	20.1
2 1	10 51.59	+30 36.0	1.495	2.401	11.7	20.0
2 11	10 42.46	+31 34.5	1.478	2.417	9.2	19.9
2 21	10 31.69	+32 12.5	1.487	2.433	8.6	19.9
3 2	10 20.74	+32 23.0	1.521	2.450	10.3	20.0
3 12	10 11.11	+32 4.2	1.580	2.466	13.0	20.2
3 22	10 3.88	+31 18.9	1.660	2.483	15.9	20.4
4 1	9 59.64	+30 12.3	1.759	2.500	18.4	20.7
172114	2002 GA_{108}		2 24.5	254.°11	4.°5/20.9	18
1 22	10 54.33	+18 15.4	1.674	2.524	13.9	20.3
2 1	10 49.03	+19 18.5	1.595	2.513	10.3	20.1
2 11	10 41.15	+20 26.4	1.540	2.501	6.6	19.8
2 21	10 31.43	+21 30.4	1.512	2.489	4.5	19.7
3 2	10 21.05	+22 21.5	1.512	2.477	6.7	19.8
3 12	10 11.37	+22 53.3	1.539	2.465	10.6	20.0
3 22	10 3.55	+23 2.9	1.589	2.452	14.5	20.2
4 1	9 58.42	+22 50.8	1.659	2.439	17.8	20.4
408337	2013 GZ_{75}		2 24.5	302.°56	1.°1/25.3	16
1 22	10 50.36	+ 4 31.9	1.395	2.232	16.9	21.7
2 1	10 46.50	+ 4 54.6	1.306	2.215	12.8	21.4
2 11	10 39.85	+ 5 37.3	1.239	2.198	8.0	21.0
2 21	10 31.13	+ 6 35.9	1.195	2.181	2.7	20.7
3 2	10 21.53	+ 7 43.0	1.179	2.165	3.5	20.7
3 12	10 12.53	+ 8 49.0	1.187	2.149	9.0	20.9
3 22	10 5.45	+ 9 45.7	1.220	2.133	14.2	21.2
4 1	10 1.27	+10 26.9	1.273	2.118	18.7	21.4
340610	2006 QL_{59}		2 24.5	149.°85	0.°5/25.1	17
1 22	10 51.17	+ 6 53.2	2.622	3.431	10.7	21.0
2 1	10 45.68	+ 7 1.8	2.542	3.437	8.0	20.9
2 11	10 38.68	+ 7 18.4	2.487	3.443	4.8	20.7
2 21	10 30.70	+ 7 40.4	2.462	3.448	1.5	20.4
3 2	10 22.44	+ 8 4.4	2.468	3.453	2.1	20.5
3 12	10 14.67	+ 8 26.8	2.504	3.458	5.4	20.7
3 22	10 8.01	+ 8 44.7	2.568	3.462	8.5	20.9
4 1	10 2.98	+ 8 55.8	2.657	3.466	11.1	21.1
488524	2001 QV_{327}		2 24.5	202.°16	4.°7/18.9	17
1 22	10 54.31	+24 5.0	2.629	3.463	9.9	22.1
2 1	10 48.19	+25 14.8	2.553	3.457	7.5	22.0
2 11	10 40.27	+26 23.3	2.504	3.450	5.4	21.8
2 21	10 31.15	+27 23.9	2.485	3.443	4.8	21.8
3 2	10 21.62	+28 10.8	2.496	3.434	6.3	21.8
3 12	10 12.57	+28 40.5	2.536	3.425	8.6	22.0
3 22	10 4.80	+28 51.5	2.602	3.414	11.1	22.1
4 1	9 58.88	+28 44.9	2.689	3.403	13.3	22.3
281306	2007 SS_5		2 24.5	186.°57	2.°1/27.1	17
1 22	10 48.12	− 0 39.1	2.645	3.430	11.3	21.4
2 1	10 43.52	− 0 13.4	2.554	3.430	8.8	21.2
2 11	10 37.44	+ 0 26.3	2.488	3.429	5.8	21.0
2 21	10 30.39	+ 1 17.7	2.451	3.428	3.0	20.8
3 2	10 23.00	+ 2 16.9	2.443	3.426	2.5	20.8
3 12	10 16.00	+ 3 19.1	2.466	3.424	5.2	21.0
3 22	10 10.02	+ 4 19.4	2.518	3.422	8.2	21.1
4 1	10 5.57	+ 5 13.7	2.595	3.419	10.9	21.3
95034	2002 AY_{26}		2 24.5	323.°54	4.°9/27.5	18
1 22	10 52.04	− 1 15.5	1.601	2.406	16.6	18.6
2 1	10 47.43	− 2 0.2	1.508	2.390	13.3	18.4
2 11	10 40.27	− 2 27.8	1.436	2.375	9.5	18.1
2 21	10 31.23	− 2 37.5	1.389	2.360	5.9	17.8
3 2	10 21.39	− 2 30.9	1.369	2.346	5.2	17.8
3 12	10 12.08	− 2 12.4	1.375	2.333	8.4	17.9
3 22	10 4.49	− 1 47.7	1.405	2.320	12.5	18.1
4 1	9 59.50	− 1 23.2	1.457	2.308	16.4	18.3
35180	1993 TC_{38}		2 24.5	236.°13	3.°1/22.0	18
1 22	10 54.08	+14 33.4	1.731	2.574	13.8	19.0
2 1	10 48.75	+15 32.0	1.649	2.564	10.2	18.8
2 11	10 40.95	+16 38.8	1.591	2.554	6.1	18.5
2 21	10 31.39	+17 46.2	1.560	2.542	3.1	18.3
3 2	10 21.17	+18 45.9	1.557	2.531	5.4	18.4
3 12	10 11.59	+19 30.6	1.583	2.519	9.6	18.6
3 22	10 3.77	+19 56.4	1.632	2.506	13.6	18.8
4 1	9 58.50	+20 2.3	1.703	2.493	17.1	19.0
3363	Bowen		2 24.6	15.°81	1.°0/25.4	18
1 22	10 48.66	+ 4 23.0	1.670	2.499	14.9	16.0
2 1	10 44.61	+ 4 51.4	1.597	2.501	11.2	15.8
2 11	10 38.38	+ 5 36.2	1.547	2.504	6.9	15.6
2 21	10 30.67	+ 6 32.9	1.522	2.507	2.4	15.3
3 2	10 22.52	+ 7 34.9	1.525	2.511	2.9	15.3
3 12	10 15.06	+ 8 34.6	1.556	2.515	7.4	15.6
3 22	10 9.23	+ 9 25.8	1.611	2.520	11.6	15.9
4 1	10 5.70	+10 4.0	1.689	2.525	15.2	16.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
202183	2004 XE_{21}		2 24.6	98.°67	0.°4/24.9	18
	h m	° ′			°	m
1 22	10 54.75	+ 5 43.8	1.623	2.447	15.5	21.0
2 1	10 48.97	+ 6 18.7	1.564	2.468	11.5	20.8
2 11	10 40.87	+ 7 8.6	1.529	2.488	6.9	20.6
2 21	10 31.31	+ 8 7.5	1.521	2.507	2.0	20.3
3 2	10 21.45	+ 9 8.4	1.541	2.526	3.1	20.5
3 12	10 12.53	+10 3.8	1.589	2.545	7.7	20.8
3 22	10 5.50	+10 48.1	1.663	2.563	11.9	21.1
4 1	10 0.99	+11 18.4	1.759	2.580	15.3	21.3
106646	2000 WW_{134}		2 24.6	95.°96	1.°7/25.8	18
1 22	10 55.59	+ 4 4.8	1.590	2.409	16.0	20.0
2 1	10 49.69	+ 4 7.4	1.526	2.423	12.1	19.8
2 11	10 41.35	+ 4 25.6	1.483	2.437	7.6	19.5
2 21	10 31.46	+ 4 55.7	1.467	2.451	3.0	19.3
3 2	10 21.18	+ 5 32.2	1.479	2.465	3.2	19.3
3 12	10 11.81	+ 6 8.8	1.519	2.478	7.7	19.6
3 22	10 4.38	+ 6 39.9	1.584	2.491	11.9	19.9
4 1	9 59.56	+ 7 1.5	1.672	2.504	15.5	20.2
347188	2011 GL_{55}		2 24.6	158.°13	2.°3/22.7	18
1 22	10 56.03	+12 6.0	1.646	2.484	14.7	21.4
2 1	10 50.09	+13 6.4	1.578	2.491	10.7	21.1
2 11	10 41.65	+14 16.9	1.535	2.498	6.3	20.9
2 21	10 31.55	+15 29.5	1.518	2.504	2.5	20.7
3 2	10 20.98	+16 35.6	1.531	2.509	4.7	20.8
3 12	10 11.24	+17 27.6	1.571	2.513	9.2	21.1
3 22	10 3.43	+18 1.6	1.637	2.516	13.3	21.3
4 1	9 58.27	+18 16.4	1.723	2.519	16.7	21.6
469543	2003 SP_{333}		2 24.6	113.°68	0.°6/25.3	17
1 22	10 46.36	+ 5 21.3	2.902	3.711	9.8	22.2
2 1	10 42.08	+ 5 48.7	2.822	3.717	7.3	22.0
2 11	10 36.52	+ 6 25.1	2.768	3.722	4.4	21.9
2 21	10 30.15	+ 7 7.5	2.742	3.728	1.4	21.6
3 2	10 23.53	+ 7 52.4	2.748	3.733	1.9	21.7
3 12	10 17.29	+ 8 35.8	2.783	3.739	4.9	21.9
3 22	10 11.98	+ 9 14.5	2.847	3.744	7.6	22.1
4 1	10 8.04	+ 9 45.7	2.937	3.749	10.1	22.3
354340	2003 FM_7		2 24.6	325.°78	13.°1/19.5	18
1 22	11 13.35	+37 19.4	1.177	2.015	19.3	20.1
2 1	11 4.59	+37 49.9	1.108	1.997	16.4	19.8
2 11	10 51.01	+37 57.1	1.057	1.979	14.0	19.6
2 21	10 34.12	+37 24.6	1.029	1.963	13.2	19.5
3 2	10 16.49	+36 2.2	1.024	1.947	14.7	19.5
3 12	10 0.93	+33 51.5	1.043	1.933	17.9	19.7
3 22	9 49.41	+31 4.1	1.082	1.919	21.6	19.8
4 1	9 42.76	+27 54.8	1.140	1.907	25.1	20.0
298903	2004 TV_{66}		2 24.6	119.°21	0.°9/23.7	18
1 22	10 55.06	+ 8 57.5	1.788	2.615	14.2	22.0
2 1	10 49.06	+ 9 49.0	1.727	2.634	10.3	21.8
2 11	10 40.88	+10 51.8	1.691	2.653	6.0	21.5
2 21	10 31.32	+11 59.2	1.683	2.670	1.6	21.3
3 2	10 21.47	+13 3.8	1.705	2.687	3.5	21.4
3 12	10 12.46	+13 58.9	1.756	2.704	7.8	21.7
3 22	10 5.21	+14 40.1	1.832	2.719	11.7	22.0
4 1	10 0.34	+15 5.4	1.931	2.734	14.9	22.2
141436	2002 CZ_{20}		2 24.6	10.°98	2.°6/22.8	18
1 22	10 52.14	+12 48.7	1.249	2.109	16.9	19.6
2 1	10 47.83	+13 31.1	1.186	2.110	12.4	19.3
2 11	10 40.57	+14 24.4	1.145	2.112	7.3	19.1
2 21	10 31.31	+15 20.1	1.128	2.114	2.8	18.8
3 2	10 21.47	+16 8.5	1.137	2.117	5.4	19.0
3 12	10 12.67	+16 41.5	1.171	2.121	10.6	19.2
3 22	10 6.18	+16 54.9	1.226	2.125	15.3	19.5
4 1	10 2.78	+16 48.1	1.301	2.130	19.3	19.8
126221	2002 AD_{49}		2 24.6	5.°74	1.°0/23.7	18
1 22	10 49.89	+ 9 24.6	1.749	2.588	13.9	19.9
2 1	10 45.48	+10 9.9	1.675	2.588	10.2	19.6
2 11	10 38.89	+11 7.0	1.625	2.588	6.0	19.4
2 21	10 30.83	+12 9.9	1.601	2.588	1.6	19.1
3 2	10 22.31	+13 11.4	1.606	2.589	3.6	19.2
3 12	10 14.46	+14 4.4	1.639	2.590	8.0	19.5
3 22	10 8.22	+14 44.0	1.697	2.591	12.0	19.7
4 1	10 4.27	+15 7.5	1.776	2.592	15.5	20.0
366231	2012 UC_{91}		2 24.6	144.°32	2.°0/26.9	17
1 22	10 47.12	− 0 59.7	2.344	3.135	12.4	21.2
2 1	10 42.95	− 0 15.6	2.259	3.139	9.5	21.0
2 11	10 37.18	+ 0 45.4	2.199	3.142	6.3	20.8
2 21	10 30.35	+ 1 59.9	2.166	3.145	3.1	20.6
3 2	10 23.18	+ 3 22.7	2.164	3.148	2.6	20.5
3 12	10 16.47	+ 4 47.5	2.191	3.151	5.6	20.7
3 22	10 10.89	+ 6 8.0	2.247	3.153	8.9	21.0
4 1	10 6.99	+ 7 19.2	2.328	3.156	11.9	21.2

39114 2000 WC_{33} 2 24.6 166.°34 0.°8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.18	+ 4 18.5	2.361	3.168	11.8	20.2
2 1	10 45.16	+ 4 54.5	2.279	3.173	8.8	20.0
2 11	10 38.48	+ 5 42.8	2.223	3.177	5.4	19.8
2 21	10 30.70	+ 6 39.7	2.195	3.180	1.8	19.5
3 2	10 22.57	+ 7 40.3	2.197	3.183	2.3	19.6
3 12	10 14.93	+ 8 38.9	2.230	3.185	5.9	19.8
3 22	10 8.50	+ 9 31.1	2.290	3.187	9.2	20.0
4 1	10 3.81	+10 13.3	2.376	3.188	12.1	20.2

288637 2004 PW_{29} 2 24.6 133.°75 0.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.92	+ 8 45.9	1.766	2.590	14.4	21.2
2 1	10 50.50	+ 9 10.1	1.699	2.603	10.6	21.0
2 11	10 41.78	+ 9 44.9	1.656	2.616	6.3	20.8
2 21	10 31.58	+10 25.3	1.641	2.628	1.6	20.5
3 2	10 21.03	+11 5.0	1.655	2.639	3.2	20.6
3 12	10 11.33	+11 38.3	1.698	2.649	7.7	20.9
3 22	10 3.45	+12 1.2	1.767	2.659	11.7	21.2
4 1	9 58.04	+12 11.7	1.859	2.669	15.1	21.4

229991 2000 AH_{207} 2 24.6 356.°85 3.°0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.54	+ 2 54.6	1.260	2.092	18.6	20.0
2 1	10 49.65	+ 2 33.0	1.188	2.090	14.4	19.7
2 11	10 41.72	+ 2 30.4	1.136	2.089	9.4	19.4
2 21	10 31.65	+ 2 44.8	1.107	2.089	4.4	19.1
3 2	10 20.85	+ 3 11.4	1.104	2.089	4.1	19.1
3 12	10 10.97	+ 3 42.8	1.126	2.089	9.1	19.4
3 22	10 3.39	+ 4 12.0	1.171	2.089	14.2	19.6
4 1	9 58.98	+ 4 32.9	1.236	2.090	18.6	19.9

96719 1999 KO_{17} 2 24.6 201.°53 5.°8/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.90	+26 50.5	2.427	3.264	10.5	19.8
2 1	10 48.05	+28 6.0	2.358	3.260	8.2	19.6
2 11	10 40.26	+29 18.0	2.315	3.255	6.3	19.5
2 21	10 31.19	+30 19.2	2.302	3.250	5.9	19.4
3 2	10 21.71	+31 3.5	2.317	3.243	7.4	19.5
3 12	10 12.80	+31 27.3	2.360	3.237	9.7	19.7
3 22	10 5.30	+31 29.9	2.428	3.229	12.1	19.8
4 1	9 59.82	+31 12.9	2.516	3.222	14.3	20.0

407563 2010 XA_{78} 2 24.6 129.°61 0.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.93	+ 8 34.4	2.098	2.920	12.6	21.8
2 1	10 47.27	+ 9 14.1	2.030	2.934	9.2	21.6
2 11	10 39.75	+10 3.6	1.988	2.948	5.4	21.4
2 21	10 31.04	+10 57.8	1.974	2.961	1.4	21.1
3 2	10 22.03	+11 51.1	1.990	2.973	2.9	21.3
3 12	10 13.68	+12 37.8	2.036	2.985	6.8	21.5
3 22	10 6.80	+13 14.2	2.109	2.997	10.3	21.8
4 1	10 1.93	+13 37.9	2.205	3.007	13.3	22.0

591 Irmgard 2 24.6 335.°24 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.27	+10 31.7	1.405	2.249	16.3	14.0
2 1	10 50.10	+10 1.7	1.320	2.234	12.3	13.7
2 11	10 41.98	+ 9 38.8	1.256	2.219	7.5	13.4
2 21	10 31.74	+ 9 20.0	1.218	2.205	2.1	13.0
3 2	10 20.67	+ 9 1.5	1.206	2.192	3.6	13.1
3 12	10 10.37	+ 8 39.5	1.220	2.180	9.1	13.4
3 22	10 2.19	+ 8 11.4	1.259	2.169	14.1	13.6
4 1	9 57.04	+ 7 35.7	1.317	2.159	18.4	13.9

107976 2001 FT_{129} 2 24.6 6.°95 3.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.77	− 1 37.2	1.322	2.146	18.4	19.3
2 1	10 44.47	− 1 21.6	1.251	2.146	14.4	19.1
2 11	10 38.54	− 0 39.3	1.199	2.147	9.8	18.8
2 21	10 30.79	+ 0 26.6	1.170	2.149	5.2	18.5
3 2	10 22.43	+ 1 49.1	1.167	2.151	4.2	18.5
3 12	10 14.88	+ 3 17.5	1.189	2.154	8.4	18.7
3 22	10 9.30	+ 4 41.1	1.235	2.158	13.2	19.0
4 1	10 6.50	+ 5 51.7	1.301	2.163	17.4	19.3

164267 2004 VC_{27} 2 24.6 64.°41 4.°2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.14	− 1 32.0	1.434	2.244	17.9	20.0
2 1	10 48.18	− 1 42.7	1.367	2.254	14.1	19.7
2 11	10 40.62	− 1 30.7	1.321	2.264	9.7	19.5
2 21	10 31.32	− 0 58.1	1.299	2.274	5.5	19.3
3 2	10 21.53	− 0 9.7	1.303	2.284	4.6	19.3
3 12	10 12.64	+ 0 46.5	1.334	2.295	8.2	19.5
3 22	10 5.76	+ 1 42.3	1.389	2.306	12.5	19.8
4 1	10 1.64	+ 2 30.7	1.465	2.316	16.3	20.0

247578 2002 TC_{31} 2 24.6 163.°71 2.°5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.31	+14 36.5	1.992	2.828	12.6	20.9
2 1	10 48.48	+15 21.7	1.921	2.832	9.2	20.7
2 11	10 40.57	+16 12.4	1.874	2.836	5.5	20.5
2 21	10 31.29	+17 2.4	1.857	2.840	2.6	20.3
3 2	10 21.62	+17 45.4	1.868	2.843	4.5	20.4
3 12	10 12.64	+18 16.1	1.909	2.845	8.1	20.6
3 22	10 5.25	+18 32.0	1.975	2.847	11.7	20.9
4 1	10 0.07	+18 32.4	2.064	2.849	14.6	21.1

369855 2012 JD_{60} 2 24.6 166.°42 2.°1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.44	+12 34.2	1.987	2.826	12.5	21.2
2 1	10 45.68	+13 34.1	1.913	2.827	9.1	21.0
2 11	10 38.93	+14 42.4	1.865	2.829	5.3	20.7
2 21	10 30.86	+15 52.5	1.845	2.830	2.2	20.5
3 2	10 22.37	+16 57.3	1.854	2.831	4.2	20.7
3 12	10 14.49	+17 50.4	1.892	2.832	8.0	20.9
3 22	10 8.08	+18 28.2	1.955	2.832	11.5	21.1
4 1	10 3.75	+18 48.9	2.041	2.833	14.6	21.3

255782 2006 RH_{95} 2 24.6 41.°29 2.°9/26.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.46	+ 0 23.6	1.243	2.072	19.0	20.8
2 1	10 46.94	+ 0 39.5	1.199	2.100	14.5	20.6
2 11	10 39.80	+ 1 19.1	1.176	2.128	9.4	20.4
2 21	10 31.07	+ 2 17.5	1.176	2.158	4.4	20.2
3 2	10 22.14	+ 3 26.2	1.202	2.188	3.8	20.3
3 12	10 14.40	+ 4 35.3	1.254	2.218	8.2	20.6
3 22	10 8.87	+ 5 36.3	1.329	2.249	12.7	20.9
4 1	10 6.14	+ 6 23.7	1.426	2.281	16.5	21.2

99726 2002 JZ_{50} 2 24.6 316.°51 0.°6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.56	+ 9 1.2	1.353	2.202	16.6	19.8
2 1	10 47.45	+ 9 21.9	1.270	2.187	12.4	19.5
2 11	10 40.46	+ 9 57.0	1.208	2.173	7.4	19.1
2 21	10 31.36	+10 41.0	1.171	2.159	1.9	18.7
3 2	10 21.42	+11 26.3	1.160	2.145	4.0	18.8
3 12	10 12.19	+12 4.4	1.175	2.132	9.6	19.1
3 22	10 5.01	+12 29.5	1.212	2.120	14.7	19.4
4 1	10 0.83	+12 37.9	1.269	2.108	19.1	19.6

207511 2006 JT_{16} 2 24.6 53.°77 0.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.76	+ 6 21.2	1.330	2.172	17.2	20.0
2 1	10 47.26	+ 7 3.4	1.272	2.185	12.7	19.8
2 11	10 40.09	+ 8 3.2	1.236	2.199	7.6	19.5
2 21	10 31.19	+ 9 13.6	1.225	2.212	2.0	19.2
3 2	10 21.88	+10 25.3	1.241	2.226	3.6	19.3
3 12	10 13.59	+11 28.8	1.282	2.241	8.9	19.7
3 22	10 7.42	+12 17.5	1.348	2.255	13.6	20.0
4 1	10 4.08	+12 48.1	1.433	2.270	17.4	20.3

212589 2006 SQ_{173} 2 24.6 147.°88 2.°3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.70	− 1 3.0	2.571	3.357	11.6	20.9
2 1	10 43.25	− 0 42.5	2.486	3.361	9.0	20.7
2 11	10 37.32	− 0 7.8	2.426	3.365	6.1	20.5
2 21	10 30.42	+ 0 38.8	2.394	3.369	3.2	20.4
3 2	10 23.22	+ 1 33.7	2.391	3.373	2.7	20.3
3 12	10 16.45	+ 2 31.9	2.418	3.377	5.3	20.5
3 22	10 10.72	+ 3 28.8	2.474	3.380	8.2	20.7
4 1	10 6.55	+ 4 20.1	2.555	3.383	10.9	20.9

504824 2010 JW_{115} 2 24.6 228.°19 2.°0/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 46.67	− 1 1.2	2.635	3.421	11.3	22.0
2 1	10 42.54	− 0 20.4	2.538	3.414	8.8	21.8
2 11	10 36.93	+ 0 35.7	2.465	3.407	5.8	21.6
2 21	10 30.34	+ 1 44.5	2.422	3.400	2.9	21.4
3 2	10 23.38	+ 3 1.6	2.408	3.392	2.4	21.3
3 12	10 16.76	+ 4 21.4	2.425	3.384	5.2	21.5
3 22	10 11.13	+ 5 38.4	2.471	3.376	8.3	21.7
4 1	10 6.99	+ 6 48.0	2.543	3.368	11.1	21.9

26848 1992 DB_{8} 2 24.6 266.°69 1.°1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.17	+ 8 48.9	1.738	2.576	14.0	19.0
2 1	10 45.82	+ 9 45.4	1.655	2.568	10.4	18.7
2 11	10 39.21	+10 55.9	1.596	2.559	6.1	18.4
2 21	10 31.00	+12 14.0	1.564	2.551	1.7	18.1
3 2	10 22.20	+13 31.5	1.561	2.543	3.8	18.2
3 12	10 13.99	+14 40.3	1.585	2.535	8.3	18.5
3 22	10 7.37	+15 34.4	1.634	2.526	12.5	18.7
4 1	10 3.11	+16 10.4	1.705	2.518	16.1	18.9

505138 2012 JO_{48} 2 24.6 256.°23 0.°3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.31	+ 6 1.5	2.249	3.063	12.1	22.5
2 1	10 46.30	+ 6 33.8	2.143	3.041	9.1	22.3
2 11	10 39.36	+ 7 18.5	2.062	3.019	5.6	22.0
2 21	10 31.03	+ 8 12.1	2.010	2.996	1.6	21.7
3 2	10 22.10	+ 9 9.5	1.988	2.973	2.6	21.7
3 12	10 13.50	+10 4.9	1.995	2.949	6.6	21.9
3 22	10 6.09	+10 53.1	2.030	2.924	10.4	22.1
4 1	10 0.58	+11 30.5	2.089	2.899	13.7	22.3

502209 2015 BN_{77} 2 24.6 136.°79 1.°7/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.85	+12 45.3	2.186	3.018	11.7	22.0
2 1	10 46.50	+13 24.6	2.115	3.025	8.5	21.8
2 11	10 39.32	+14 10.1	2.070	3.032	5.0	21.6
2 21	10 30.98	+14 56.7	2.053	3.039	1.9	21.4
3 2	10 22.31	+15 38.8	2.067	3.045	3.6	21.5
3 12	10 14.26	+16 11.7	2.109	3.051	7.1	21.8
3 22	10 7.58	+16 32.7	2.178	3.057	10.4	22.0
4 1	10 2.86	+16 40.3	2.270	3.062	13.3	22.2

252393 2001 TJ_{19} 2 24.6 97.°44 5.°3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.04	− 6 36.1	1.948	2.713	15.5	20.2
2 1	10 47.51	− 6 56.1	1.877	2.730	12.5	20.0
2 11	10 39.98	− 6 55.3	1.828	2.746	9.3	19.8
2 21	10 31.16	− 6 34.2	1.805	2.763	6.4	19.7
3 2	10 21.99	− 5 55.8	1.810	2.779	5.3	19.6
3 12	10 13.51	− 5 5.7	1.843	2.794	7.2	19.8
3 22	10 6.56	− 4 10.2	1.902	2.810	10.2	20.0
4 1	10 1.76	− 3 16.0	1.985	2.825	13.1	20.2

214427 2005 QS_{27} 2 24.6 219.°13 1.°3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.79	+11 39.1	2.705	3.533	9.9	20.7
2 1	10 43.31	+12 25.2	2.620	3.529	7.2	20.6
2 11	10 37.37	+13 17.8	2.562	3.524	4.2	20.4
2 21	10 30.46	+14 12.7	2.533	3.519	1.4	20.1
3 2	10 23.22	+15 5.2	2.534	3.513	3.0	20.3
3 12	10 16.37	+15 50.8	2.566	3.507	6.0	20.4
3 22	10 10.53	+16 26.5	2.625	3.502	8.9	20.6
4 1	10 6.20	+16 50.3	2.708	3.496	11.5	20.8

229534 2005 YO_{36} 2 24.6 313.°87 2.°0/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.91	+12 5.0	1.800	2.644	13.3	20.2
2 1	10 45.54	+12 54.3	1.722	2.638	9.8	19.9
2 11	10 38.98	+13 53.1	1.667	2.632	5.7	19.7
2 21	10 30.93	+14 55.0	1.640	2.626	2.1	19.4
3 2	10 22.37	+15 52.8	1.641	2.620	4.3	19.5
3 12	10 14.42	+16 39.6	1.669	2.614	8.4	19.8
3 22	10 8.04	+17 11.2	1.723	2.609	12.3	20.0
4 1	10 3.94	+17 25.7	1.798	2.604	15.7	20.2

128016 2003 JK_{13} 2 24.6 309.°99 4.°2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.33	+18 15.6	1.692	2.544	13.6	19.9
2 1	10 47.51	+19 7.4	1.615	2.534	10.1	19.6
2 11	10 40.24	+20 2.9	1.563	2.525	6.4	19.4
2 21	10 31.28	+20 54.5	1.537	2.515	4.2	19.2
3 2	10 21.74	+21 34.0	1.538	2.506	6.3	19.3
3 12	10 12.91	+21 55.8	1.566	2.497	10.1	19.5
3 22	10 5.88	+21 57.4	1.618	2.488	13.9	19.7
4 1	10 1.40	+21 39.2	1.690	2.479	17.2	19.9

419181 2009 TN_{40} 2 24.6 127.°65 12.°1/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.89	+47 10.0	2.104	2.895	13.6	20.9
2 1	10 56.02	+48 43.0	2.077	2.904	12.5	20.8
2 11	10 45.19	+49 53.9	2.073	2.912	12.1	20.8
2 21	10 32.54	+50 33.8	2.091	2.920	12.5	20.9
3 2	10 19.67	+50 37.7	2.133	2.928	13.6	21.0
3 12	10 8.20	+50 5.9	2.195	2.936	15.0	21.1
3 22	9 59.30	+49 3.3	2.275	2.943	16.4	21.2
4 1	9 53.61	+47 36.6	2.371	2.950	17.7	21.3

58242 1993 HJ_4 2 24.6 86.°87 5.°4/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.94	+25 37.8	2.279	3.121	11.0	19.1
2 1	10 47.26	+26 35.0	2.227	3.134	8.4	19.0
2 11	10 39.73	+27 27.9	2.201	3.146	6.1	18.9
2 21	10 31.08	+28 10.1	2.202	3.159	5.5	18.9
3 2	10 22.21	+28 36.3	2.233	3.171	6.9	19.0
3 12	10 14.07	+28 43.7	2.291	3.183	9.3	19.1
3 22	10 7.43	+28 32.4	2.373	3.196	11.7	19.3
4 1	10 2.83	+28 4.0	2.476	3.208	13.9	19.5

398320 2011 KC_{14} 2 24.6 195.°47 3.°0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.57	+16 51.9	2.282	3.123	11.0	21.3
2 1	10 45.59	+17 46.0	2.208	3.121	8.0	21.1
2 11	10 38.82	+18 43.8	2.159	3.120	5.0	20.9
2 21	10 30.87	+19 39.3	2.139	3.119	3.0	20.7
3 2	10 22.55	+20 26.7	2.149	3.117	4.7	20.8
3 12	10 14.77	+21 1.3	2.188	3.115	7.8	21.0
3 22	10 8.29	+21 20.6	2.252	3.113	10.9	21.2
4 1	10 3.71	+21 24.2	2.339	3.111	13.5	21.4

87097 Lomaki 2 24.6 0.°15 4.°5/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.29	− 3 36.6	1.513	2.318	17.4	18.9
2 1	10 44.64	− 3 34.5	1.435	2.317	13.8	18.7
2 11	10 38.58	− 3 7.6	1.377	2.316	9.8	18.5
2 21	10 30.85	− 2 17.4	1.343	2.316	5.9	18.2
3 2	10 22.54	− 1 8.9	1.336	2.316	4.7	18.2
3 12	10 14.92	+ 0 9.2	1.354	2.317	7.9	18.3
3 22	10 9.05	+ 1 27.7	1.397	2.318	12.1	18.6
4 1	10 5.71	+ 2 38.3	1.462	2.320	16.0	18.8

368774 2005 WZ_{48} 2 24.6 127.°54 2.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.71	+ 0 4.3	2.129	2.922	13.4	22.0
2 1	10 46.42	+ 0 14.4	2.053	2.933	10.3	21.9
2 11	10 39.30	+ 0 40.0	2.001	2.944	6.9	21.7
2 21	10 30.99	+ 1 18.5	1.976	2.954	3.5	21.5
3 2	10 22.35	+ 2 5.8	1.981	2.964	3.0	21.4
3 12	10 14.30	+ 2 56.4	2.015	2.973	6.1	21.7
3 22	10 7.61	+ 3 45.0	2.076	2.982	9.6	21.9
4 1	10 2.88	+ 4 27.0	2.162	2.991	12.6	22.1

332190 2006 BR_{277} 2 24.6 164.°59 1.°1/23.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.39	+10 2.5	2.246	3.074	11.6	21.2
2 1	10 45.43	+10 53.8	2.170	3.077	8.5	21.0
2 11	10 38.71	+11 54.1	2.119	3.081	5.0	20.8
2 21	10 30.84	+12 58.1	2.097	3.084	1.5	20.5
3 2	10 22.61	+14 0.1	2.105	3.086	3.2	20.7
3 12	10 14.90	+14 54.3	2.143	3.088	6.8	20.9
3 22	10 8.48	+15 36.8	2.208	3.090	10.2	21.1
4 1	10 3.91	+16 5.4	2.296	3.092	13.0	21.3

96228 1993 TV_{25} 2 24.6 98.°91 1.°6/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.37	+10 45.4	1.588	2.426	15.1	20.2
2 1	10 49.53	+11 33.0	1.532	2.444	11.0	20.0
2 11	10 41.28	+12 30.9	1.499	2.462	6.4	19.7
2 21	10 31.52	+13 31.8	1.493	2.480	2.0	19.5
3 2	10 21.46	+14 27.7	1.516	2.497	4.1	19.7
3 12	10 12.37	+15 11.9	1.566	2.514	8.6	20.0
3 22	10 5.25	+15 40.5	1.642	2.530	12.7	20.2
4 1	10 0.73	+15 52.3	1.738	2.546	16.1	20.5

114806 2003 OR 2 24.6 131.°93 1.°9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.20	+12 15.6	1.884	2.716	13.3	20.5
2 1	10 49.16	+13 5.8	1.820	2.730	9.7	20.3
2 11	10 40.98	+14 3.8	1.782	2.744	5.7	20.1
2 21	10 31.44	+15 3.0	1.772	2.757	2.1	19.9
3 2	10 21.58	+15 56.4	1.791	2.770	4.1	20.0
3 12	10 12.51	+16 38.3	1.840	2.781	8.0	20.3
3 22	10 5.13	+17 5.3	1.914	2.792	11.7	20.6
4 1	10 0.05	+17 16.6	2.011	2.803	14.7	20.8

418895 2009 AM_1 2 24.6 13.°77 4.°5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.16	+19 46.3	2.039	2.890	11.7	20.3
2 1	10 44.77	+21 3.6	1.973	2.890	8.6	20.1
2 11	10 38.42	+22 23.2	1.933	2.891	5.7	19.9
2 21	10 30.77	+23 37.2	1.921	2.892	4.5	19.8
3 2	10 22.73	+24 38.3	1.938	2.894	6.3	19.9
3 12	10 15.31	+25 21.3	1.981	2.895	9.4	20.1
3 22	10 9.35	+25 43.9	2.050	2.896	12.4	20.3
4 1	10 5.45	+25 46.3	2.138	2.898	15.0	20.5

468724 2010 GJ_{135} 2 24.6 205.°78 2.°7/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.52	− 3 12.4	2.767	3.539	11.2	22.4
2 1	10 43.09	− 2 49.3	2.670	3.534	8.8	22.3
2 11	10 37.25	− 2 11.3	2.598	3.529	6.2	22.1
2 21	10 30.45	− 1 20.1	2.553	3.524	3.6	21.9
3 2	10 23.31	− 0 19.0	2.539	3.519	2.9	21.9
3 12	10 16.51	+ 0 47.1	2.555	3.513	5.1	22.0
3 22	10 10.66	+ 1 53.3	2.600	3.506	7.9	22.2
4 1	10 6.26	+ 2 55.2	2.672	3.500	10.5	22.3

204626 2005 SF_{10} 2 24.6 123.°92 18.°6/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 15.25	+48 37.2	1.204	2.015	20.7	20.0
2 1	11 6.31	+50 49.5	1.184	2.024	19.2	20.0
2 11	10 52.03	+52 25.6	1.182	2.033	18.6	20.0
2 21	10 34.44	+53 8.5	1.199	2.041	19.1	20.0
3 2	10 16.70	+52 50.0	1.234	2.049	20.4	20.1
3 12	10 1.94	+51 34.4	1.286	2.057	22.2	20.3
3 22	9 51.94	+49 34.2	1.353	2.064	24.1	20.5
4 1	9 47.17	+47 3.7	1.432	2.071	25.8	20.6

144359 2004 DJ_{42} 2 24.6 23.°44 1.°0/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.61	+ 8 18.0	1.529	2.358	16.1	19.7
2 1	10 52.17	+ 7 46.8	1.456	2.360	12.1	19.4
2 11	10 43.02	+ 7 24.9	1.405	2.363	7.4	19.1
2 21	10 32.06	+ 7 9.8	1.381	2.367	2.4	18.8
3 2	10 20.58	+ 6 58.1	1.385	2.370	3.3	18.9
3 12	10 10.02	+ 6 46.1	1.416	2.374	8.2	19.2
3 22	10 1.57	+ 6 30.7	1.473	2.378	12.7	19.5
4 1	9 55.97	+ 6 9.7	1.551	2.383	16.6	19.7

349042 2006 VN_{85} 2 24.6 149.°34 1.°8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.56	+14 33.0	2.860	3.689	9.4	21.7
2 1	10 44.47	+15 11.8	2.787	3.696	6.8	21.6
2 11	10 38.00	+15 54.1	2.741	3.703	4.0	21.4
2 21	10 30.66	+16 36.0	2.726	3.709	1.8	21.2
3 2	10 23.07	+17 13.2	2.741	3.715	3.2	21.4
3 12	10 15.93	+17 42.4	2.786	3.721	6.0	21.5
3 22	10 9.83	+18 1.3	2.859	3.727	8.6	21.7
4 1	10 5.21	+18 9.1	2.956	3.732	10.9	21.9

249648 1999 TU_{252} 2 24.6 227.°57 0.°7/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.71	+ 9 9.2	1.939	2.765	13.3	21.7
2 1	10 48.27	+ 9 45.5	1.849	2.755	9.8	21.5
2 11	10 40.63	+10 32.9	1.783	2.744	5.8	21.2
2 21	10 31.43	+11 26.4	1.745	2.733	1.5	20.9
3 2	10 21.63	+12 19.8	1.737	2.721	3.3	21.0
3 12	10 12.36	+13 6.5	1.758	2.708	7.7	21.2
3 22	10 4.60	+13 42.1	1.805	2.695	11.7	21.4
4 1	9 59.08	+14 3.6	1.875	2.681	15.1	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
162022	1995 FJ_{14}		2 24.6	169.°55	1.°4/26.3	18
	h m	° ′			°	m
1 22	10 48.03	+ 1 23.4	2.555	3.351	11.3	21.1
2 1	10 43.53	+ 2 3.3	2.469	3.354	8.6	20.9
2 11	10 37.54	+ 2 56.9	2.408	3.356	5.5	20.7
2 21	10 30.55	+ 4 1.0	2.376	3.358	2.4	20.5
3 2	10 23.25	+ 5 10.9	2.375	3.360	2.2	20.5
3 12	10 16.35	+ 6 21.1	2.404	3.361	5.3	20.7
3 22	10 10.52	+ 7 26.8	2.461	3.363	8.5	20.9
4 1	10 6.25	+ 8 23.7	2.544	3.363	11.2	21.1
369776	2012 GH_{23}		2 24.6	291.°21	0.°1/24.6	17
1 22	10 55.34	+ 9 26.3	1.726	2.556	14.5	20.5
2 1	10 49.73	+ 9 21.9	1.635	2.542	10.8	20.3
2 11	10 41.62	+ 9 26.5	1.568	2.528	6.5	20.0
2 21	10 31.74	+ 9 36.5	1.528	2.515	1.8	19.6
3 2	10 21.16	+ 9 47.2	1.516	2.501	3.2	19.7
3 12	10 11.19	+ 9 53.9	1.532	2.487	8.0	20.0
3 22	10 2.95	+ 9 53.1	1.574	2.474	12.4	20.2
4 1	9 57.26	+ 9 42.7	1.637	2.461	16.2	20.4
518846	2010 CF_{252}		2 24.6	210.°23	1.°6/23.1	17
1 22	10 52.17	+13 28.1	2.345	3.175	11.1	21.3
2 1	10 46.72	+13 52.1	2.263	3.172	8.1	21.1
2 11	10 39.50	+14 21.0	2.208	3.169	4.8	20.9
2 21	10 31.11	+14 50.4	2.181	3.166	1.8	20.7
3 2	10 22.36	+15 15.9	2.184	3.163	3.4	20.8
3 12	10 14.14	+15 33.5	2.217	3.160	6.8	21.0
3 22	10 7.20	+15 40.8	2.277	3.156	10.0	21.2
4 1	10 2.11	+15 36.8	2.360	3.153	12.8	21.4
180640	2004 GJ_{14}		2 24.6	27.°90	4.°8/20.5	18
1 22	10 50.21	+17 8.6	1.470	2.331	14.8	19.4
2 1	10 46.12	+18 35.7	1.412	2.336	10.8	19.2
2 11	10 39.47	+20 8.9	1.378	2.342	6.8	19.0
2 21	10 31.14	+21 37.6	1.370	2.348	4.8	18.8
3 2	10 22.33	+22 51.3	1.389	2.354	7.2	19.0
3 12	10 14.43	+23 42.2	1.433	2.361	11.1	19.2
3 22	10 8.50	+24 7.7	1.500	2.368	14.9	19.5
4 1	10 5.27	+24 8.3	1.586	2.376	18.1	19.7
159071	2004 TU_{197}		2 24.6	282.°55	1.°5/25.9	17
1 22	10 49.61	+ 2 50.0	1.928	2.741	13.8	20.8
2 1	10 45.18	+ 3 12.8	1.843	2.738	10.5	20.6
2 11	10 38.75	+ 3 51.3	1.782	2.734	6.7	20.3
2 21	10 30.94	+ 4 42.1	1.747	2.730	2.7	20.1
3 2	10 22.64	+ 5 40.0	1.741	2.727	2.7	20.1
3 12	10 14.89	+ 6 38.5	1.763	2.723	6.7	20.3
3 22	10 8.55	+ 7 31.5	1.812	2.719	10.7	20.5
4 1	10 4.30	+ 8 14.5	1.884	2.716	14.1	20.7
10852	1995 CK		2 24.6	74.°79	3.°5/21.8	18
1 22	10 52.43	+13 34.9	1.415	2.269	15.7	18.1
2 1	10 47.76	+14 56.2	1.358	2.279	11.4	17.9
2 11	10 40.45	+16 27.5	1.324	2.289	6.8	17.6
2 21	10 31.40	+17 58.7	1.316	2.299	3.5	17.4
3 2	10 21.90	+19 18.8	1.336	2.309	6.0	17.6
3 12	10 13.37	+20 19.2	1.381	2.319	10.5	17.9
3 22	10 6.93	+20 55.8	1.450	2.330	14.6	18.2
4 1	10 3.28	+21 8.6	1.538	2.340	18.1	18.4
206958	2004 SU_2		2 24.6	141.°59	2.°7/22.6	18
1 22	10 57.54	+14 41.5	1.707	2.545	14.2	20.6
2 1	10 51.14	+15 19.1	1.641	2.554	10.4	20.4
2 11	10 42.30	+16 2.3	1.600	2.562	6.2	20.1
2 21	10 31.88	+16 44.3	1.586	2.570	2.8	19.9
3 2	10 21.06	+17 18.1	1.601	2.577	4.8	20.1
3 12	10 11.14	+17 38.5	1.643	2.583	9.0	20.3
3 22	10 3.16	+17 43.2	1.711	2.590	12.8	20.6
4 1	9 57.78	+17 32.0	1.801	2.595	16.1	20.8
243550	1240 T_{-2}		2 24.6	117.°64	5.°0/19.6	17
1 22	10 56.82	+26 52.0	2.578	3.408	10.2	20.7
2 1	10 49.88	+27 26.8	2.522	3.421	7.8	20.5
2 11	10 41.22	+27 56.1	2.492	3.434	5.8	20.4
2 21	10 31.54	+28 14.8	2.492	3.447	5.0	20.4
3 2	10 21.71	+28 18.7	2.522	3.459	6.2	20.5
3 12	10 12.62	+28 6.1	2.580	3.471	8.4	20.6
3 22	10 4.99	+27 37.6	2.664	3.483	10.7	20.8
4 1	9 59.32	+26 55.1	2.771	3.494	12.7	21.0
130413	2000 OO_{47}		2 24.6	149.°75	0.°1/24.6	18
1 22	10 55.34	+ 7 31.1	1.870	2.690	13.9	20.2
2 1	10 49.35	+ 7 59.9	1.797	2.699	10.3	20.0
2 11	10 41.18	+ 8 40.5	1.749	2.707	6.2	19.8
2 21	10 31.58	+ 9 27.8	1.728	2.715	1.6	19.5
3 2	10 21.59	+10 16.0	1.738	2.722	3.0	19.6
3 12	10 12.32	+10 59.0	1.776	2.729	7.3	19.9
3 22	10 4.71	+11 32.2	1.841	2.734	11.3	20.1
4 1	9 59.41	+11 53.0	1.928	2.740	14.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
349926	2009 WV_{41}		2 24.6	27.°34	5.°3/21.0	18
	h m	° ′			°	m
1 22	10 55.53	+18 6.9	1.267	2.129	16.6	21.2
2 1	10 50.48	+19 15.9	1.206	2.129	12.3	21.0
2 11	10 42.28	+20 30.2	1.167	2.130	7.8	20.7
2 21	10 31.94	+21 38.5	1.153	2.131	5.3	20.6
3 2	10 20.98	+22 29.7	1.165	2.132	7.8	20.7
3 12	10 11.13	+22 56.1	1.201	2.134	12.3	21.0
3 22	10 3.74	+22 56.0	1.259	2.135	16.6	21.2
4 1	9 59.63	+22 31.3	1.335	2.136	20.4	21.5
253027	2002 RJ_{253}		2 24.6	107.°25	2.°3/26.6	18
1 22	10 50.63	+ 0 43.3	1.690	2.502	15.5	20.8
2 1	10 46.13	+ 1 8.3	1.613	2.505	12.0	20.6
2 11	10 39.40	+ 1 53.2	1.558	2.507	7.8	20.3
2 21	10 31.13	+ 2 54.2	1.529	2.510	3.6	20.1
3 2	10 22.37	+ 4 5.2	1.527	2.513	3.2	20.0
3 12	10 14.27	+ 5 18.1	1.554	2.515	7.3	20.3
3 22	10 7.81	+ 6 25.3	1.606	2.518	11.5	20.5
4 1	10 3.71	+ 7 21.2	1.681	2.520	15.2	20.8
113807	2002 TB_{209}		2 24.6	89.°84	1.°9/22.6	18
1 22	10 49.11	+11 59.8	2.187	3.023	11.6	19.6
2 1	10 44.51	+13 4.1	2.124	3.036	8.4	19.4
2 11	10 38.18	+14 15.7	2.086	3.049	4.9	19.2
2 21	10 30.76	+15 28.8	2.078	3.063	2.0	19.1
3 2	10 23.06	+16 36.8	2.099	3.076	3.8	19.2
3 12	10 15.95	+17 33.9	2.149	3.088	7.2	19.4
3 22	10 10.15	+18 16.9	2.225	3.101	10.4	19.7
4 1	10 6.21	+18 44.0	2.325	3.114	13.1	19.9
337708	2001 UV_9		2 24.6	152.°20	4.°6/ 1.9	18
1 22	10 48.68	−11 18.9	3.233	3.945	10.9	20.7
2 1	10 43.73	−11 25.1	3.143	3.955	9.1	20.6
2 11	10 37.56	−11 15.8	3.078	3.964	7.1	20.5
2 21	10 30.58	−10 51.4	3.039	3.972	5.4	20.3
3 2	10 23.36	−10 13.3	3.030	3.981	4.6	20.3
3 12	10 16.48	− 9 25.0	3.050	3.988	5.4	20.4
3 22	10 10.46	− 8 30.3	3.099	3.995	7.1	20.5
4 1	10 5.74	− 7 33.7	3.175	4.001	9.0	20.6
426953	2013 YF_{26}		2 24.6	83.°49	1.°3/23.3	17
1 22	10 49.45	+11 26.7	2.237	3.070	11.5	20.8
2 1	10 44.75	+12 7.1	2.165	3.075	8.4	20.6
2 11	10 38.34	+12 54.8	2.119	3.081	4.9	20.4
2 21	10 30.81	+13 44.8	2.101	3.087	1.6	20.2
3 2	10 22.97	+14 31.8	2.113	3.093	3.3	20.3
3 12	10 15.69	+15 10.9	2.153	3.099	6.8	20.5
3 22	10 9.69	+15 38.8	2.221	3.104	10.1	20.7
4 1	10 5.51	+15 53.8	2.311	3.110	12.8	20.9
453330	2008 XF_{54}		2 24.6	92.°54	4.°0/27.6	18
1 22	10 54.23	− 1 55.2	1.522	2.324	17.4	20.9
2 1	10 48.89	− 1 59.6	1.455	2.337	13.7	20.6
2 11	10 41.05	− 1 41.7	1.410	2.351	9.4	20.4
2 21	10 31.57	− 1 3.8	1.390	2.364	5.3	20.2
3 2	10 21.65	− 0 11.0	1.396	2.377	4.4	20.2
3 12	10 12.61	+ 0 48.9	1.429	2.390	7.9	20.4
3 22	10 5.51	+ 1 48.0	1.488	2.403	12.0	20.7
4 1	10 1.05	+ 2 39.4	1.569	2.415	15.7	21.0
365224	2009 HC_{88}		2 24.6	178.°57	1.°4/26.5	17
1 22	10 50.33	+ 0 7.2	3.073	3.850	10.1	22.1
2 1	10 45.01	+ 0 57.4	2.979	3.853	7.7	21.9
2 11	10 38.35	+ 2 0.4	2.912	3.855	5.0	21.8
2 21	10 30.81	+ 3 13.2	2.875	3.856	2.2	21.6
3 2	10 22.97	+ 4 31.6	2.871	3.856	2.0	21.6
3 12	10 15.48	+ 5 50.6	2.900	3.855	4.7	21.7
3 22	10 8.89	+ 7 5.8	2.959	3.853	7.5	21.9
4 1	10 3.66	+ 8 13.1	3.045	3.851	9.9	22.1
224546	2005 WE_{141}		2 24.6	209.°99	1.°2/23.5	18
1 22	10 51.92	+10 46.6	2.133	2.962	12.1	21.2
2 1	10 46.73	+11 27.3	2.050	2.958	8.9	21.0
2 11	10 39.62	+12 16.7	1.991	2.953	5.2	20.8
2 21	10 31.19	+13 9.7	1.961	2.948	1.6	20.5
3 2	10 22.31	+14 0.6	1.961	2.942	3.3	20.6
3 12	10 13.95	+14 43.7	1.990	2.936	7.2	20.9
3 22	10 6.95	+15 15.3	2.046	2.930	10.8	21.1
4 1	10 1.96	+15 33.2	2.124	2.923	13.8	21.3
111503	2001 YM_{72}		2 24.6	342.°32	1.°2/25.8	18
1 22	10 49.71	+ 4 42.5	2.258	3.070	12.1	19.3
2 1	10 44.97	+ 4 46.3	2.173	3.068	9.2	19.1
2 11	10 38.50	+ 5 1.0	2.113	3.066	5.8	18.9
2 21	10 30.88	+ 5 24.1	2.080	3.064	2.2	18.7
3 2	10 22.87	+ 5 51.9	2.077	3.062	2.4	18.7
3 12	10 15.35	+ 6 20.1	2.103	3.061	5.9	18.9
3 22	10 9.06	+ 6 44.8	2.156	3.060	9.4	19.1
4 1	10 4.58	+ 7 2.9	2.233	3.058	12.4	19.3

145312 2005 LB_3 2 24.6 236.°86 5.°4/17.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 50.36	+25 51.0	2.593	3.435	9.8	20.3
2 1	10 45.45	+27 12.2	2.518	3.424	7.6	20.1
2 11	10 38.80	+28 31.5	2.471	3.413	5.8	20.0
2 21	10 30.96	+29 42.0	2.452	3.402	5.5	20.0
3 2	10 22.70	+30 37.8	2.463	3.390	6.9	20.0
3 12	10 14.87	+31 14.8	2.501	3.378	9.2	20.1
3 22	10 8.24	+31 31.7	2.563	3.366	11.5	20.3
4 1	10 3.40	+31 29.1	2.647	3.353	13.6	20.4

131265 2001 FD_{43} 2 24.6 265.°77 3.°7/28.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 47.66	− 4 41.4	2.117	2.896	13.9	20.0
2 1	10 43.64	− 4 18.4	2.024	2.890	11.1	19.8
2 11	10 37.80	− 3 34.8	1.953	2.884	7.9	19.6
2 21	10 30.71	− 2 32.4	1.909	2.878	4.8	19.4
3 2	10 23.15	− 1 15.6	1.894	2.873	3.8	19.3
3 12	10 16.04	+ 0 9.0	1.907	2.867	6.3	19.5
3 22	10 10.16	+ 1 34.0	1.948	2.861	9.7	19.7
4 1	10 6.16	+ 2 52.9	2.014	2.855	12.9	19.9

144847 2004 JP_{49} 2 24.6 303.°91 2.°0/26.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 48.41	+ 1 43.3	2.227	3.031	12.5	20.9
2 1	10 44.10	+ 1 52.6	2.134	3.022	9.7	20.7
2 11	10 38.04	+ 2 15.7	2.066	3.014	6.3	20.5
2 21	10 30.77	+ 2 50.4	2.025	3.005	3.0	20.2
3 2	10 23.06	+ 3 32.9	2.012	2.997	2.7	20.2
3 12	10 15.78	+ 4 18.1	2.029	2.989	6.0	20.4
3 22	10 9.68	+ 5 1.3	2.073	2.981	9.5	20.6
4 1	10 5.39	+ 5 38.0	2.141	2.973	12.6	20.8

348481 2005 SR_{163} 2 24.6 153.°15 3.°2/22.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 57.68	+15 21.4	1.764	2.601	13.9	21.2
2 1	10 51.22	+16 18.0	1.698	2.610	10.1	21.0
2 11	10 42.36	+17 20.3	1.658	2.619	6.1	20.8
2 21	10 31.93	+18 20.5	1.645	2.627	3.2	20.6
3 2	10 21.09	+19 10.7	1.662	2.634	5.3	20.7
3 12	10 11.11	+19 45.2	1.707	2.641	9.2	21.0
3 22	10 3.01	+20 1.5	1.778	2.646	12.9	21.2
4 1	9 57.48	+19 59.6	1.869	2.651	16.1	21.4

504678 2009 DK_{69} 2 24.6 208.°09 0.°3/24.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 52.41	+10 0.3	2.448	3.268	11.1	21.1
2 1	10 46.81	+10 6.2	2.364	3.266	8.2	20.9
2 11	10 39.54	+10 18.5	2.305	3.264	4.8	20.7
2 21	10 31.16	+10 34.0	2.275	3.262	1.3	20.4
3 2	10 22.43	+10 49.1	2.276	3.260	2.5	20.5
3 12	10 14.20	+11 0.5	2.307	3.258	6.0	20.8
3 22	10 7.18	+11 5.5	2.366	3.256	9.3	20.9
4 1	10 1.93	+11 2.6	2.449	3.254	12.0	21.1

431995 2008 UC_{276} 2 24.6 215.°01 0.°8/23.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 50.80	+ 9 49.7	2.126	2.955	12.2	21.6
2 1	10 45.88	+10 21.1	2.046	2.953	8.9	21.4
2 11	10 39.09	+11 1.4	1.990	2.951	5.3	21.2
2 21	10 31.05	+11 46.0	1.962	2.949	1.4	20.9
3 2	10 22.60	+12 29.6	1.964	2.947	3.0	21.0
3 12	10 14.69	+13 7.1	1.995	2.945	6.9	21.3
3 22	10 8.13	+13 34.6	2.052	2.943	10.5	21.5
4 1	10 3.53	+13 50.0	2.133	2.940	13.5	21.7

215193 2000 QM_{173} 2 24.6 101.°73 2.°3/26.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 53.65	− 0 0.4	1.689	2.492	15.9	20.8
2 1	10 48.17	+ 0 36.0	1.627	2.514	12.2	20.6
2 11	10 40.49	+ 1 32.6	1.588	2.536	7.9	20.4
2 21	10 31.42	+ 2 44.7	1.576	2.557	3.6	20.2
3 2	10 22.03	+ 4 5.3	1.592	2.577	3.1	20.2
3 12	10 13.50	+ 5 25.6	1.637	2.597	7.1	20.5
3 22	10 6.74	+ 6 38.4	1.709	2.616	11.2	20.7
4 1	10 2.36	+ 7 38.3	1.803	2.635	14.6	21.0

447761 2007 JF_{25} 2 24.6 343.°88 4.°5/21.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 53.20	+16 18.8	1.178	2.045	17.3	21.2
2 1	10 48.98	+17 12.5	1.112	2.039	12.7	20.9
2 11	10 41.52	+18 14.2	1.069	2.034	7.9	20.6
2 21	10 31.78	+19 13.3	1.048	2.030	4.5	20.4
3 2	10 21.32	+19 58.8	1.053	2.027	7.2	20.6
3 12	10 11.92	+20 22.4	1.081	2.024	12.1	20.8
3 22	10 5.01	+20 21.1	1.131	2.022	16.9	21.1
4 1	10 1.47	+19 56.0	1.198	2.021	21.0	21.4

237705 2001 UF_{97} 2 24.6 140.°66 2.°3/21.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 50.50	+15 56.7	2.648	3.481	9.9	21.1
2 1	10 45.29	+16 39.2	2.578	3.489	7.2	20.9
2 11	10 38.56	+17 24.5	2.536	3.496	4.3	20.7
2 21	10 30.88	+18 8.3	2.523	3.504	2.3	20.6
3 2	10 22.95	+18 45.8	2.540	3.511	3.8	20.7
3 12	10 15.53	+19 13.4	2.587	3.518	6.6	20.9
3 22	10 9.24	+19 29.2	2.661	3.525	9.3	21.1
4 1	10 4.58	+19 32.5	2.759	3.531	11.7	21.3

345606 2006 SU_{165} 2 24.6 185.°07 2.°8/27.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 47.60	− 2 47.7	2.553	3.331	11.9	21.9
2 1	10 43.27	− 2 29.1	2.463	3.331	9.3	21.7
2 11	10 37.44	− 1 55.0	2.397	3.330	6.5	21.5
2 21	10 30.60	− 1 7.2	2.358	3.330	3.7	21.3
3 2	10 23.43	− 0 9.4	2.349	3.329	3.0	21.3
3 12	10 16.64	+ 0 53.5	2.370	3.329	5.4	21.4
3 22	10 10.90	+ 1 56.3	2.420	3.328	8.3	21.6
4 1	10 6.72	+ 2 54.4	2.494	3.326	11.0	21.8

256032 2006 UK_{45} 2 24.6 35.°11 3.°3/22.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 52.05	+14 13.8	1.233	2.096	16.9	20.0
2 1	10 47.59	+15 6.9	1.190	2.115	12.2	19.7
2 11	10 40.34	+16 7.7	1.169	2.135	7.2	19.5
2 21	10 31.39	+17 6.8	1.172	2.157	3.4	19.3
3 2	10 22.19	+17 54.4	1.201	2.179	5.8	19.6
3 12	10 14.22	+18 23.9	1.255	2.201	10.5	19.9
3 22	10 8.57	+18 32.6	1.331	2.225	14.7	20.2
4 1	10 5.84	+18 21.1	1.427	2.249	18.2	20.5

191327 2003 MO_{12} 2 24.6 203.°10 5.°2/ 1.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 49.77	− 8 51.3	2.356	3.102	13.6	20.4
2 1	10 45.04	− 8 57.3	2.261	3.099	11.2	20.2
2 11	10 38.58	− 8 43.7	2.189	3.095	8.6	20.0
2 21	10 30.94	− 8 10.7	2.142	3.092	6.1	19.9
3 2	10 22.85	− 7 20.6	2.124	3.087	5.2	19.8
3 12	10 15.17	− 6 18.2	2.134	3.083	6.6	19.9
3 22	10 8.65	− 5 9.3	2.172	3.078	9.2	20.0
4 1	10 3.89	− 4 0.3	2.235	3.073	11.9	20.2

124773 2001 SB_{246} 2 24.6 67.°18 0.°5/24.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 53.10	+ 5 40.7	1.365	2.203	17.2	20.4
2 1	10 48.33	+ 6 11.3	1.301	2.211	12.8	20.1
2 11	10 40.85	+ 6 59.9	1.259	2.219	7.8	19.9
2 21	10 31.57	+ 8 0.3	1.241	2.228	2.3	19.6
3 2	10 21.79	+ 9 4.3	1.251	2.237	3.4	19.7
3 12	10 12.96	+10 2.8	1.286	2.246	8.7	20.0
3 22	10 6.24	+10 49.1	1.346	2.254	13.5	20.3
4 1	10 2.37	+11 19.2	1.426	2.263	17.4	20.6

131909 2002 BX_{14} 2 24.6 72.°48 0.°5/24.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 54.08	+ 5 15.0	1.394	2.227	17.1	20.3
2 1	10 48.83	+ 5 54.1	1.341	2.249	12.7	20.0
2 11	10 41.01	+ 6 50.8	1.311	2.270	7.6	19.8
2 21	10 31.58	+ 7 58.3	1.305	2.292	2.2	19.5
3 2	10 21.85	+ 9 8.0	1.328	2.313	3.3	19.7
3 12	10 13.19	+10 10.9	1.377	2.335	8.4	20.0
3 22	10 6.65	+11 0.8	1.450	2.356	12.9	20.3
4 1	10 2.86	+11 34.1	1.545	2.377	16.6	20.6

328745 2009 UY_{33} 2 24.6 163.°09 4.°4/20.1 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 53.66	+21 23.3	2.259	3.098	11.1	21.4
2 1	10 47.91	+22 24.2	2.193	3.103	8.3	21.2
2 11	10 40.25	+23 24.9	2.153	3.107	5.6	21.1
2 21	10 31.37	+24 18.7	2.142	3.111	4.4	21.0
3 2	10 22.16	+24 59.6	2.161	3.114	6.0	21.1
3 12	10 13.58	+25 23.6	2.208	3.117	8.8	21.3
3 22	10 6.45	+25 29.5	2.280	3.120	11.6	21.5
4 1	10 1.35	+25 18.1	2.374	3.121	14.0	21.6

210448 2009 BW_{78} 2 24.6 31.°79 0.°6/25.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 49.76	+ 4 55.3	1.201	2.049	18.3	19.9
2 1	10 46.09	+ 5 35.3	1.144	2.059	13.7	19.6
2 11	10 39.60	+ 6 36.5	1.107	2.069	8.3	19.4
2 21	10 31.25	+ 7 51.9	1.094	2.080	2.5	19.1
3 2	10 22.41	+ 9 11.3	1.106	2.093	3.6	19.2
3 12	10 14.61	+10 23.7	1.143	2.105	9.2	19.5
3 22	10 9.04	+11 21.2	1.204	2.119	14.2	19.8
4 1	10 6.42	+11 59.2	1.284	2.133	18.3	20.1

122853 2000 SD_{131} 2 24.6 60.°68 7.°8/ 2.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 50.96	−12 34.0	1.774	2.516	17.6	19.5
2 1	10 46.28	−13 8.0	1.704	2.531	14.8	19.3
2 11	10 39.44	−13 15.3	1.653	2.545	11.8	19.1
2 21	10 31.18	−12 54.6	1.626	2.560	9.1	19.0
3 2	10 22.49	−12 8.2	1.624	2.575	7.8	19.0
3 12	10 14.51	−11 2.0	1.649	2.590	8.8	19.0
3 22	10 8.17	− 9 44.6	1.698	2.606	11.2	19.2
4 1	10 4.11	− 8 24.6	1.771	2.621	14.0	19.4

221216 2005 UM_{91} 2 24.6 210.°45 0.°2/24.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 22	10 52.95	+ 8 13.8	2.163	2.982	12.3	20.5
2 1	10 47.48	+ 8 37.2	2.075	2.977	9.2	20.3
2 11	10 40.08	+ 9 10.3	2.013	2.971	5.5	20.0
2 21	10 31.35	+ 9 49.2	1.979	2.965	1.5	19.7
3 2	10 22.17	+10 29.1	1.974	2.959	2.7	19.8
3 12	10 13.49	+11 4.8	2.000	2.952	6.7	20.1
3 22	10 6.16	+11 32.4	2.052	2.945	10.4	20.3
4 1	10 0.82	+11 49.4	2.129	2.937	13.5	20.5

516972 2012 FG_{85} 2 24.6 221.°16 5.°7/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.03	+25 6.8	2.237	3.078	11.2	22.2
2 1	10 48.37	+26 19.0	2.163	3.070	8.6	22.0
2 11	10 40.64	+27 29.1	2.116	3.061	6.4	21.8
2 21	10 31.51	+28 29.4	2.097	3.052	5.8	21.8
3 2	10 21.91	+29 13.3	2.107	3.043	7.3	21.9
3 12	10 12.89	+29 36.6	2.144	3.033	10.0	22.0
3 22	10 5.36	+29 38.3	2.205	3.023	12.7	22.2
4 1	9 59.97	+29 19.9	2.287	3.012	15.1	22.3

222311 2000 SW_{308} 2 24.6 118.°33 3.°7/27.9 18

1 22	10 51.88	− 2 32.8	2.037	2.821	14.3	20.4
2 1	10 46.70	− 2 38.9	1.958	2.829	11.2	20.2
2 11	10 39.60	− 2 27.6	1.903	2.837	7.9	20.0
2 21	10 31.22	− 2 0.3	1.874	2.845	4.7	19.8
3 2	10 22.45	− 1 20.5	1.874	2.852	3.9	19.8
3 12	10 14.27	− 0 33.5	1.902	2.859	6.5	20.0
3 22	10 7.51	+ 0 15.0	1.957	2.867	9.9	20.2
4 1	10 2.78	+ 0 59.5	2.037	2.874	13.0	20.4

209038 2003 OB_5 2 24.6 153.°76 0.°6/24.0 18

1 22	10 53.15	+ 7 39.1	2.009	2.830	13.1	20.9
2 1	10 47.66	+ 8 35.7	1.936	2.839	9.6	20.7
2 11	10 40.17	+ 9 44.6	1.888	2.848	5.7	20.5
2 21	10 31.38	+10 59.8	1.868	2.855	1.5	20.2
3 2	10 22.19	+12 14.4	1.879	2.862	3.1	20.4
3 12	10 13.64	+13 21.5	1.920	2.869	7.2	20.6
3 22	10 6.57	+14 16.1	1.987	2.874	10.9	20.9
4 1	10 1.61	+14 55.4	2.077	2.879	14.0	21.1

81791 2000 JX_{84} 2 24.6 263.°82 0.°2/24.5 18

1 22	10 52.39	+ 7 57.4	1.872	2.699	13.6	20.4
2 1	10 47.42	+ 8 22.5	1.780	2.685	10.2	20.2
2 11	10 40.23	+ 8 59.6	1.711	2.671	6.1	19.9
2 21	10 31.44	+ 9 44.3	1.670	2.657	1.6	19.5
3 2	10 22.01	+10 30.9	1.657	2.642	3.0	19.6
3 12	10 13.09	+11 13.1	1.673	2.627	7.6	19.9
3 22	10 5.68	+11 45.9	1.715	2.612	11.8	20.1
4 1	10 0.54	+12 6.1	1.779	2.597	15.3	20.3

328943 2010 VB_{61} 2 24.6 61.°02 5.°2/29.5 18

1 22	10 50.80	− 7 32.9	1.592	2.371	17.8	20.1
2 1	10 46.16	− 7 14.6	1.536	2.398	14.3	19.9
2 11	10 39.32	− 6 28.9	1.501	2.426	10.3	19.8
2 21	10 31.13	− 5 18.4	1.490	2.453	6.7	19.6
3 2	10 22.68	− 3 49.6	1.505	2.480	5.3	19.6
3 12	10 15.12	− 2 12.0	1.548	2.508	7.5	19.8
3 22	10 9.34	− 0 35.5	1.618	2.535	11.0	20.1
4 1	10 5.94	+ 0 51.9	1.710	2.562	14.3	20.3

136746 1995 WJ_{17} 2 24.6 16.°71 1.°9/26.4 17

1 22	10 48.47	+ 2 25.8	1.961	2.774	13.6	20.3
2 1	10 44.27	+ 2 33.4	1.885	2.778	10.4	20.1
2 11	10 38.18	+ 2 55.8	1.832	2.782	6.7	19.8
2 21	10 30.84	+ 3 29.9	1.805	2.787	3.0	19.6
3 2	10 23.13	+ 4 11.5	1.807	2.792	2.8	19.6
3 12	10 16.00	+ 4 54.9	1.837	2.798	6.4	19.8
3 22	10 10.25	+ 5 34.9	1.893	2.804	10.1	20.1
4 1	10 6.49	+ 6 7.3	1.972	2.810	13.3	20.3

55111 2001 QD_{152} 2 24.6 222.°49 7.°0/29.1 18

1 22	11 0.70	− 9 0.0	2.208	2.936	14.9	19.0
2 1	10 53.35	−10 17.1	2.106	2.928	12.6	18.8
2 11	10 43.72	−11 18.2	2.028	2.920	10.0	18.6
2 21	10 32.40	−12 0.5	1.977	2.911	7.7	18.5
3 2	10 20.33	−12 22.5	1.955	2.902	7.1	18.4
3 12	10 8.65	−12 25.9	1.963	2.892	8.5	18.5
3 22	9 58.37	−12 14.9	1.999	2.882	11.0	18.6
4 1	9 50.31	−11 55.1	2.059	2.871	13.8	18.7

43120 1999 XB_{49} 2 24.6 224.°55 4.°3/28.2 18

1 22	10 52.36	− 3 46.4	1.906	2.688	15.2	19.1
2 1	10 47.34	− 3 50.7	1.813	2.681	12.1	18.9
2 11	10 40.15	− 3 35.0	1.742	2.673	8.7	18.6
2 21	10 31.42	− 3 0.2	1.697	2.666	5.4	18.4
3 2	10 22.08	− 2 9.6	1.680	2.657	4.4	18.3
3 12	10 13.23	− 1 9.3	1.691	2.649	7.2	18.5
3 22	10 5.85	− 0 6.3	1.729	2.640	10.9	18.7
4 1	10 0.68	+ 0 52.8	1.791	2.631	14.3	18.9

38173 1999 JZ_{112} 2 24.6 215.°82 1.°4/25.9 18

1 22	10 54.42	+ 3 26.7	2.083	2.886	13.3	20.5
2 1	10 48.70	+ 3 43.4	1.988	2.877	10.2	20.2
2 11	10 40.89	+ 4 14.0	1.917	2.868	6.5	20.0
2 21	10 31.61	+ 4 55.6	1.874	2.857	2.6	19.7
3 2	10 21.76	+ 5 43.7	1.860	2.846	2.7	19.7
3 12	10 12.36	+ 6 32.4	1.877	2.834	6.7	19.9
3 22	10 4.36	+ 7 16.5	1.921	2.821	10.6	20.1
4 1	9 58.46	+ 7 51.8	1.989	2.807	14.0	20.3

258962 2002 SJ_8 2 24.6 120.°78 0.°9/25.4 18

	h m	° ′			°	m
1 22	10 53.26	+ 4 14.4	2.038	2.847	13.4	22.1
2 1	10 47.62	+ 4 48.4	1.971	2.865	10.0	21.9
2 11	10 40.09	+ 5 35.8	1.928	2.882	6.1	21.7
2 21	10 31.35	+ 6 32.4	1.914	2.899	2.1	21.5
3 2	10 22.32	+ 7 32.4	1.929	2.915	2.5	21.5
3 12	10 13.98	+ 8 29.6	1.974	2.930	6.5	21.8
3 22	10 7.12	+ 9 19.1	2.047	2.945	10.1	22.1
4 1	10 2.31	+ 9 57.4	2.143	2.959	13.1	22.3

263869 2009 DY_{41} 2 24.6 307.°73 0.°3/24.5 18

1 22	10 54.95	+ 9 16.2	1.479	2.318	16.0	20.7
2 1	10 49.73	+ 9 22.6	1.400	2.312	11.9	20.5
2 11	10 41.78	+ 9 40.4	1.343	2.305	7.2	20.2
2 21	10 31.89	+10 5.0	1.312	2.299	1.9	19.8
3 2	10 21.32	+10 30.2	1.307	2.293	3.6	19.9
3 12	10 11.52	+10 49.9	1.330	2.287	8.8	20.2
3 22	10 3.74	+10 59.5	1.377	2.281	13.6	20.5
4 1	9 58.80	+10 56.5	1.444	2.275	17.6	20.7

325132 2008 EX_{129} 2 24.6 117.°38 1.°1/23.5 18

1 22	10 52.59	+ 9 10.7	2.133	2.956	12.3	20.9
2 1	10 47.05	+10 13.9	2.072	2.977	9.0	20.8
2 11	10 39.71	+11 26.7	2.036	2.997	5.2	20.6
2 21	10 31.25	+12 43.0	2.030	3.017	1.5	20.3
3 2	10 22.52	+13 56.2	2.054	3.035	3.2	20.5
3 12	10 14.46	+15 0.2	2.108	3.053	6.9	20.8
3 22	10 7.83	+15 50.8	2.190	3.071	10.3	21.0
4 1	10 3.16	+16 26.1	2.294	3.087	13.1	21.2

136104 2003 EO_{22} 2 24.6 325.°69 2.°5/22.2 17

1 22	10 49.68	+15 14.5	2.132	2.975	11.6	19.5
2 1	10 45.12	+15 53.7	2.053	2.968	8.5	19.3
2 11	10 38.69	+16 37.7	1.998	2.961	5.1	19.1
2 21	10 31.00	+17 21.1	1.972	2.955	2.5	18.9
3 2	10 22.90	+17 58.4	1.974	2.948	4.3	19.0
3 12	10 15.33	+18 24.6	2.005	2.943	7.7	19.2
3 22	10 9.11	+18 37.2	2.061	2.937	11.1	19.4
4 1	10 4.85	+18 35.2	2.140	2.932	14.0	19.6

366931 2005 UA_{445} 2 24.6 168.°00 5.°0/29.4 16

1 22	10 53.10	− 7 21.8	2.370	3.118	13.5	21.9
2 1	10 47.43	− 7 41.5	2.282	3.122	11.1	21.8
2 11	10 39.99	− 7 43.5	2.216	3.126	8.3	21.6
2 21	10 31.35	− 7 27.9	2.177	3.129	5.9	21.4
3 2	10 22.30	− 6 56.6	2.168	3.132	5.0	21.4
3 12	10 13.71	− 6 13.8	2.187	3.134	6.6	21.5
3 22	10 6.36	− 5 24.6	2.234	3.136	9.2	21.6
4 1	10 0.84	− 4 34.6	2.307	3.137	11.9	21.8

57870 2001 YG_{46} 2 24.6 166.°39 6.°3/16.1 17

1 22	10 51.51	+31 7.3	2.755	3.589	9.5	19.7
2 1	10 46.19	+32 26.0	2.700	3.592	7.7	19.6
2 11	10 39.20	+33 38.3	2.672	3.595	6.4	19.5
2 21	10 31.12	+34 37.8	2.672	3.598	6.4	19.5
3 2	10 22.73	+35 19.5	2.700	3.600	7.6	19.6
3 12	10 14.89	+35 40.8	2.755	3.602	9.5	19.7
3 22	10 8.29	+35 41.6	2.834	3.603	11.4	19.8
4 1	10 3.49	+35 23.7	2.932	3.605	13.1	20.0

217042 2001 QT_{126} 2 24.6 205.°20 3.°7/28.2 17

1 22	10 52.96	− 3 45.3	2.391	3.157	12.9	21.6
2 1	10 47.38	− 3 50.5	2.293	3.151	10.3	21.5
2 11	10 39.99	− 3 39.8	2.218	3.145	7.4	21.3
2 21	10 31.37	− 3 14.0	2.171	3.138	4.6	21.1
3 2	10 22.25	− 2 35.6	2.154	3.130	3.9	21.0
3 12	10 13.54	− 1 49.1	2.167	3.121	6.1	21.1
3 22	10 6.01	− 0 59.7	2.208	3.112	9.2	21.3
4 1	10 0.28	− 0 12.3	2.274	3.102	12.1	21.5

21553 Monchicourt 2 24.6 242.°09 1.°3/23.6 18

1 22	10 55.13	+10 10.8	1.645	2.480	14.8	19.1
2 1	10 49.77	+10 51.0	1.556	2.467	11.0	18.8
2 11	10 41.79	+11 43.5	1.491	2.454	6.5	18.5
2 21	10 31.91	+12 42.4	1.453	2.440	1.9	18.2
3 2	10 21.27	+13 39.7	1.443	2.425	4.0	18.3
3 12	10 11.22	+14 27.8	1.461	2.410	9.0	18.5
3 22	10 2.97	+15 1.4	1.504	2.395	13.5	18.8
4 1	9 57.38	+15 17.7	1.568	2.379	17.4	19.0

165819 2001 RT_{108} 2 24.6 22.°61 1.°8/23.2 18

1 22	10 52.79	+13 57.8	1.895	2.734	12.9	19.3
2 1	10 47.48	+14 13.0	1.825	2.739	9.5	19.1
2 11	10 40.10	+14 33.1	1.781	2.744	5.6	18.9
2 21	10 31.38	+14 53.2	1.764	2.749	2.1	18.7
3 2	10 22.31	+15 8.3	1.775	2.755	3.9	18.8
3 12	10 13.98	+15 14.4	1.815	2.761	7.7	19.1
3 22	10 7.26	+15 9.2	1.880	2.768	11.4	19.3
4 1	10 2.76	+14 52.1	1.967	2.774	14.5	19.5

508587 2017 OX_{46} 2 24.6 155.°89 1.°3/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.90	+ 3 16.3	3.033	3.825	9.8	22.0
2 1	10 44.69	+ 3 25.9	2.949	3.832	7.5	21.8
2 11	10 38.18	+ 3 44.6	2.892	3.839	4.7	21.6
2 21	10 30.83	+ 4 10.3	2.864	3.845	2.0	21.4
3 2	10 23.25	+ 4 40.2	2.867	3.851	2.0	21.4
3 12	10 16.04	+ 5 10.9	2.901	3.857	4.6	21.6
3 22	10 9.77	+ 5 39.5	2.964	3.862	7.3	21.8
4 1	10 4.88	+ 6 3.3	3.053	3.867	9.7	22.0

422750 2001 SP_{257} 2 24.6 144.°28 0.°5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.24	+ 4 58.1	2.413	3.218	11.7	22.3
2 1	10 46.67	+ 5 36.9	2.339	3.232	8.7	22.1
2 11	10 39.45	+ 6 27.0	2.290	3.244	5.3	21.9
2 21	10 31.19	+ 7 24.5	2.271	3.256	1.7	21.7
3 2	10 22.65	+ 8 24.3	2.282	3.268	2.2	21.7
3 12	10 14.63	+ 9 21.3	2.325	3.278	5.8	22.0
3 22	10 7.85	+10 11.0	2.395	3.288	9.0	22.2
4 1	10 2.83	+10 50.4	2.491	3.297	11.8	22.4

209897 2005 MV_{14} 2 24.6 211.°86 1.°4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.94	+11 53.4	2.834	3.661	9.5	20.6
2 1	10 43.45	+12 49.6	2.747	3.655	6.9	20.4
2 11	10 37.55	+13 52.5	2.687	3.649	4.0	20.2
2 21	10 30.69	+14 57.5	2.657	3.642	1.5	20.0
3 2	10 23.50	+15 59.8	2.658	3.636	3.0	20.1
3 12	10 16.65	+16 54.7	2.690	3.628	6.0	20.3
3 22	10 10.77	+17 39.1	2.749	3.621	8.8	20.5
4 1	10 6.33	+18 11.0	2.832	3.613	11.2	20.6

117215 2004 RO_{224} 2 24.6 201.°72 2.°0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.89	+13 44.3	2.120	2.953	12.0	20.0
2 1	10 47.47	+14 19.7	2.041	2.951	8.8	19.8
2 11	10 40.09	+15 0.9	1.987	2.949	5.2	19.6
2 21	10 31.39	+15 42.7	1.962	2.946	2.1	19.4
3 2	10 22.29	+16 19.3	1.966	2.944	3.9	19.5
3 12	10 13.76	+16 46.1	1.999	2.940	7.5	19.7
3 22	10 6.66	+17 0.2	2.059	2.937	11.0	19.9
4 1	10 1.61	+17 0.6	2.141	2.933	14.0	20.1

149639 2004 FU_2 2 24.6 55.°71 0.°2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.88	+ 5 3.7	1.038	1.887	20.5	19.1
2 1	10 50.54	+ 6 0.7	1.005	1.920	15.1	18.9
2 11	10 42.12	+ 7 19.0	0.991	1.954	8.9	18.6
2 21	10 31.91	+ 8 48.5	1.001	1.988	2.4	18.4
3 2	10 21.60	+10 16.4	1.036	2.022	4.0	18.6
3 12	10 12.87	+11 31.3	1.097	2.057	9.8	19.0
3 22	10 6.84	+12 26.4	1.179	2.091	14.7	19.4
4 1	10 4.06	+12 59.2	1.281	2.124	18.7	19.7

431588 2007 VO_{108} 2 24.6 191.°57 3.°2/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.80	− 3 28.6	2.567	3.338	12.0	22.2
2 1	10 44.17	− 3 22.8	2.475	3.337	9.5	22.0
2 11	10 38.01	− 3 1.8	2.407	3.336	6.7	21.8
2 21	10 30.82	− 2 27.0	2.367	3.335	4.1	21.7
3 2	10 23.28	− 1 41.3	2.356	3.333	3.4	21.6
3 12	10 16.12	− 0 49.1	2.374	3.331	5.5	21.7
3 22	10 10.02	+ 0 4.7	2.421	3.329	8.3	21.9
4 1	10 5.49	+ 0 55.4	2.494	3.326	11.0	22.1

85419 1996 XX_{16} 2 24.6 280.°28 1.°9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.99	+11 37.8	1.555	2.400	15.0	20.1
2 1	10 48.24	+12 19.8	1.475	2.391	11.1	19.8
2 11	10 40.88	+13 13.0	1.417	2.381	6.5	19.5
2 21	10 31.67	+14 10.7	1.385	2.371	2.2	19.2
3 2	10 21.77	+15 4.5	1.381	2.362	4.5	19.4
3 12	10 12.56	+15 46.9	1.404	2.352	9.3	19.6
3 22	10 5.21	+16 13.1	1.450	2.343	13.8	19.8
4 1	10 0.57	+16 21.0	1.518	2.333	17.6	20.1

46323 2001 QH_{115} 2 24.6 239.°15 3.°2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.97	− 1 49.2	2.320	3.104	12.7	18.6
2 1	10 45.18	− 1 55.9	2.230	3.101	10.1	18.4
2 11	10 38.68	− 1 47.7	2.163	3.098	7.0	18.2
2 21	10 31.02	− 1 25.9	2.124	3.095	4.1	18.1
3 2	10 22.94	− 0 53.3	2.113	3.092	3.5	18.0
3 12	10 15.29	− 0 14.1	2.131	3.089	5.9	18.2
3 22	10 8.83	+ 0 26.8	2.177	3.086	9.1	18.3
4 1	10 4.13	+ 1 4.7	2.248	3.082	12.0	18.5

144856 2004 KH_{10} 2 24.6 255.°60 5.°3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.98	+20 32.6	1.808	2.660	12.9	20.1
2 1	10 47.22	+21 56.3	1.737	2.654	9.6	19.9
2 11	10 40.13	+23 22.6	1.692	2.649	6.5	19.7
2 21	10 31.44	+24 42.4	1.674	2.643	5.3	19.6
3 2	10 22.21	+25 46.8	1.683	2.637	7.3	19.7
3 12	10 13.64	+26 29.5	1.720	2.631	10.7	19.9
3 22	10 6.78	+26 48.2	1.779	2.625	14.0	20.0
4 1	10 2.34	+26 43.8	1.859	2.619	16.9	20.2

35791 1999 JK_{25} 2 24.6 246.°01 2.°1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.99	+ 2 10.9	1.853	2.659	14.6	19.8
2 1	10 48.70	+ 2 20.6	1.753	2.643	11.3	19.5
2 11	10 41.07	+ 2 46.9	1.677	2.626	7.4	19.3
2 21	10 31.73	+ 3 27.2	1.628	2.609	3.3	19.0
3 2	10 21.65	+ 4 16.9	1.607	2.592	3.1	18.9
3 12	10 12.00	+ 5 9.6	1.615	2.573	7.3	19.1
3 22	10 3.87	+ 5 58.9	1.649	2.555	11.6	19.3
4 1	9 58.07	+ 6 39.7	1.706	2.535	15.4	19.5

397504 2007 RE_{318} 2 24.6 168.°35 2.°2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.63	+ 1 28.5	1.983	2.781	14.1	21.7
2 1	10 48.82	+ 1 40.6	1.901	2.786	10.8	21.5
2 11	10 40.93	+ 2 8.3	1.843	2.790	7.0	21.3
2 21	10 31.64	+ 2 48.9	1.813	2.793	3.2	21.0
3 2	10 21.90	+ 3 37.7	1.811	2.796	2.9	21.0
3 12	10 12.76	+ 4 28.8	1.840	2.798	6.7	21.3
3 22	10 5.13	+ 5 16.4	1.896	2.799	10.5	21.5
4 1	9 59.67	+ 5 56.1	1.975	2.800	13.8	21.7

172520 2003 SL_{261} 2 24.6 218.°11 1.°5/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.13	+ 3 0.2	1.913	2.721	14.1	21.8
2 1	10 47.90	+ 3 22.1	1.822	2.714	10.8	21.5
2 11	10 40.49	+ 4 0.0	1.755	2.706	6.9	21.3
2 21	10 31.55	+ 4 50.4	1.715	2.698	2.7	21.0
3 2	10 22.02	+ 5 48.1	1.704	2.689	2.8	21.0
3 12	10 13.00	+ 6 46.4	1.722	2.680	7.0	21.2
3 22	10 5.47	+ 7 39.2	1.767	2.670	11.1	21.5
4 1	10 0.16	+ 8 21.8	1.835	2.659	14.7	21.7

428826 2008 TV_{116} 2 24.6 174.°20 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.23	+ 8 52.9	2.913	3.722	9.8	22.0
2 1	10 46.46	+ 9 16.1	2.829	3.726	7.2	21.8
2 11	10 39.27	+ 9 46.0	2.771	3.729	4.3	21.7
2 21	10 31.16	+10 19.3	2.744	3.731	1.1	21.4
3 2	10 22.77	+10 52.5	2.749	3.733	2.1	21.5
3 12	10 14.79	+11 22.2	2.785	3.733	5.2	21.7
3 22	10 7.83	+11 45.6	2.850	3.734	8.1	21.9
4 1	10 2.36	+12 0.8	2.940	3.733	10.5	22.1

118896 2000 UQ_{59} 2 24.6 163.°44 1.°1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.91	+ 4 27.5	2.652	3.455	10.8	20.7
2 1	10 44.90	+ 4 35.8	2.567	3.457	8.1	20.5
2 11	10 38.40	+ 4 53.8	2.508	3.459	5.1	20.3
2 21	10 30.94	+ 5 19.0	2.478	3.461	2.0	20.1
3 2	10 23.17	+ 5 48.2	2.478	3.463	2.1	20.1
3 12	10 15.82	+ 6 17.6	2.508	3.465	5.2	20.3
3 22	10 9.53	+ 6 44.0	2.566	3.466	8.2	20.5
4 1	10 4.80	+ 7 4.4	2.650	3.467	10.9	20.7

374046 2004 OV_8 2 24.6 227.°26 2.°8/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.34	+ 0 23.2	2.173	2.963	13.3	21.4
2 1	10 47.83	+ 0 14.5	2.077	2.955	10.4	21.2
2 11	10 40.36	+ 0 19.8	2.005	2.946	7.0	21.0
2 21	10 31.51	+ 0 37.8	1.960	2.937	3.7	20.8
3 2	10 22.13	+ 1 5.5	1.945	2.927	3.3	20.7
3 12	10 13.19	+ 1 38.5	1.960	2.917	6.4	20.9
3 22	10 5.56	+ 2 12.0	2.002	2.907	9.9	21.1
4 1	9 59.90	+ 2 41.5	2.068	2.896	13.1	21.3

123359 2000 WV_{23} 2 24.6 36.°16 6.°2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.35	+20 10.7	1.367	2.235	15.3	19.1
2 1	10 46.25	+21 51.7	1.330	2.255	11.3	18.9
2 11	10 39.56	+23 33.1	1.317	2.277	7.6	18.7
2 21	10 31.26	+25 2.8	1.329	2.299	6.3	18.7
3 2	10 22.71	+26 10.6	1.367	2.322	8.5	18.9
3 12	10 15.29	+26 50.5	1.429	2.346	12.0	19.2
3 22	10 10.00	+27 2.0	1.514	2.371	15.4	19.4
4 1	10 7.44	+26 47.9	1.616	2.396	18.3	19.7

379244 2009 SW_{349} 2 24.6 160.°82 4.°4/20.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.66	+21 31.9	2.311	3.150	10.9	21.5
2 1	10 47.90	+22 33.5	2.245	3.155	8.1	21.3
2 11	10 40.28	+23 34.6	2.207	3.160	5.5	21.2
2 21	10 31.46	+24 28.9	2.197	3.165	4.4	21.1
3 2	10 22.31	+25 10.3	2.217	3.169	5.9	21.2
3 12	10 13.79	+25 35.1	2.265	3.172	8.6	21.4
3 22	10 6.68	+25 41.9	2.338	3.176	11.4	21.6
4 1	10 1.56	+25 31.6	2.434	3.178	13.8	21.7

244081 2001 UY_5 2 24.6 148.°71 5.°0/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.31	+27 30.2	2.946	3.780	9.0	21.0
2 1	10 45.88	+28 38.8	2.890	3.790	7.0	20.9
2 11	10 38.95	+29 43.2	2.862	3.798	5.4	20.8
2 21	10 31.08	+30 37.9	2.863	3.807	5.1	20.8
3 2	10 22.97	+31 18.4	2.893	3.815	6.3	20.9
3 12	10 15.35	+31 41.9	2.952	3.822	8.2	21.0
3 22	10 8.87	+31 48.1	3.036	3.829	10.1	21.2
4 1	10 4.01	+31 37.9	3.140	3.835	11.9	21.3

358048 2006 GB_{46} 2 24.6 293.°76 8.°1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.93	+25 36.6	1.447	2.305	15.2	20.6
2 1	10 50.92	+26 58.7	1.371	2.286	11.8	20.3
2 11	10 42.74	+28 19.4	1.318	2.267	9.0	20.1
2 21	10 32.24	+29 26.3	1.289	2.247	8.2	20.0
3 2	10 20.84	+30 8.1	1.286	2.228	10.5	20.1
3 12	10 10.27	+30 18.2	1.307	2.209	14.1	20.2
3 22	10 1.98	+29 56.0	1.349	2.190	17.9	20.4
4 1	9 56.97	+29 5.3	1.408	2.171	21.3	20.6

358051 2006 HD_{19} 2 24.6 136.°86 5.°9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.35	+24 45.2	2.033	2.871	12.3	20.7
2 1	10 51.50	+25 58.9	1.981	2.887	9.3	20.5
2 11	10 42.45	+27 8.9	1.956	2.902	6.7	20.4
2 21	10 32.04	+28 6.9	1.958	2.916	5.9	20.3
3 2	10 21.35	+28 46.1	1.990	2.929	7.5	20.5
3 12	10 11.54	+29 3.1	2.049	2.941	10.2	20.7
3 22	10 3.54	+28 58.1	2.132	2.953	12.9	20.9
4 1	9 57.93	+28 33.4	2.236	2.964	15.3	21.1

191848 2004 VP_{47} 2 24.6 128.°66 0.°8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.09	+ 4 28.3	2.129	2.943	12.7	20.7
2 1	10 45.34	+ 5 3.0	2.053	2.949	9.5	20.5
2 11	10 38.80	+ 5 51.0	2.001	2.956	5.9	20.3
2 21	10 31.08	+ 6 48.1	1.977	2.962	2.0	20.1
3 2	10 23.00	+ 7 48.9	1.983	2.969	2.4	20.1
3 12	10 15.48	+ 8 47.5	2.018	2.975	6.3	20.4
3 22	10 9.28	+ 9 38.8	2.080	2.980	9.8	20.6
4 1	10 4.98	+10 19.1	2.166	2.986	12.9	20.8

361146 2006 HT_{84} 2 24.6 30.°81 4.°9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.22	+17 38.4	1.412	2.271	15.4	20.9
2 1	10 48.53	+18 52.6	1.351	2.274	11.3	20.6
2 11	10 41.07	+20 12.3	1.313	2.276	7.2	20.4
2 21	10 31.74	+21 27.2	1.301	2.279	4.9	20.3
3 2	10 21.87	+22 26.7	1.315	2.282	7.2	20.4
3 12	10 12.97	+23 3.7	1.354	2.285	11.4	20.7
3 22	10 6.21	+23 15.7	1.416	2.288	15.4	20.9
4 1	10 2.35	+23 3.7	1.497	2.292	18.8	21.1

468184 2015 AB_{119} 2 24.6 66.°33 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.58	+ 7 6.4	1.914	2.742	13.3	21.2
2 1	10 45.17	+ 7 50.7	1.840	2.746	9.8	21.0
2 11	10 38.79	+ 8 47.9	1.790	2.750	5.9	20.7
2 21	10 31.09	+ 9 52.6	1.767	2.754	1.5	20.4
3 2	10 22.99	+10 58.4	1.773	2.758	2.9	20.5
3 12	10 15.49	+11 58.4	1.808	2.762	7.1	20.8
3 22	10 9.45	+12 47.5	1.869	2.766	10.9	21.1
4 1	10 5.48	+13 22.4	1.952	2.770	14.2	21.3

500995 2013 RE_{20} 2 24.6 152.°68 1.°1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.27	+11 5.3	1.964	2.795	12.9	21.5
2 1	10 47.84	+11 29.0	1.888	2.797	9.5	21.2
2 11	10 40.36	+12 0.4	1.837	2.798	5.6	21.0
2 21	10 31.51	+12 35.0	1.813	2.800	1.6	20.7
3 2	10 22.26	+13 7.3	1.819	2.801	3.3	20.9
3 12	10 13.65	+13 32.3	1.853	2.803	7.4	21.1
3 22	10 6.58	+13 46.7	1.914	2.804	11.1	21.3
4 1	10 1.68	+13 49.0	1.997	2.805	14.3	21.6

326341 2000 RD_{98} 2 24.6 194.°28 4.°5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.02	− 8 16.1	2.678	3.416	12.3	21.9
2 1	10 45.80	− 8 16.5	2.579	3.413	10.1	21.8
2 11	10 39.01	− 7 59.5	2.503	3.410	7.6	21.6
2 21	10 31.15	− 7 25.7	2.455	3.406	5.4	21.5
3 2	10 22.88	− 6 37.2	2.436	3.401	4.5	21.4
3 12	10 14.98	− 5 38.4	2.447	3.395	5.9	21.5
3 22	10 8.11	− 4 34.3	2.487	3.389	8.4	21.6
4 1	10 2.83	− 3 30.3	2.552	3.382	10.9	21.8

343434 2010 DU_{47} 2 24.6 244.°70 1.°1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.13	+11 50.4	2.198	3.028	11.8	20.7
2 1	10 46.84	+12 10.4	2.117	3.025	8.6	20.5
2 11	10 39.71	+12 36.8	2.061	3.023	5.1	20.3
2 21	10 31.34	+13 5.4	2.034	3.020	1.5	20.0
3 2	10 22.58	+13 31.4	2.036	3.018	3.1	20.2
3 12	10 14.37	+13 50.7	2.067	3.015	6.9	20.4
3 22	10 7.50	+14 0.4	2.126	3.012	10.3	20.6
4 1	10 2.58	+13 59.2	2.207	3.010	13.3	20.8

140165 2001 SN_{178} 2 24.6 62.°07 4.°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.52	− 7 10.6	1.701	2.481	16.8	19.7
2 1	10 44.55	− 6 39.2	1.630	2.494	13.5	19.5
2 11	10 38.47	− 5 40.7	1.580	2.507	9.7	19.3
2 21	10 31.01	− 4 17.8	1.555	2.521	6.1	19.1
3 2	10 23.16	− 2 36.9	1.557	2.534	4.7	19.1
3 12	10 16.02	− 0 47.4	1.587	2.548	7.2	19.3
3 22	10 10.47	+ 1 0.5	1.643	2.562	10.8	19.5
4 1	10 7.16	+ 2 38.4	1.724	2.576	14.2	19.7

154148 2002 FZ_{37} 2 24.6 223.°56 3.°5/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.11	+18 6.9	2.145	2.985	11.6	20.3
2 1	10 47.69	+18 55.7	2.067	2.980	8.6	20.1
2 11	10 40.27	+19 47.3	2.014	2.974	5.4	19.9
2 21	10 31.50	+20 35.4	1.990	2.967	3.5	19.8
3 2	10 22.29	+21 13.9	1.995	2.961	5.2	19.9
3 12	10 13.66	+21 38.1	2.028	2.954	8.4	20.1
3 22	10 6.47	+21 46.0	2.087	2.947	11.7	20.3
4 1	10 1.35	+21 37.5	2.168	2.939	14.5	20.4

309330 2007 ST_{11} 2 24.6 159.°29 5.°6/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.70	− 9 29.4	2.136	2.878	15.0	22.0
2 1	10 48.06	− 9 36.5	2.052	2.886	12.4	21.8
2 11	10 40.46	− 9 21.6	1.989	2.894	9.4	21.6
2 21	10 31.56	− 8 45.0	1.952	2.900	6.7	21.5
3 2	10 22.21	− 7 49.4	1.943	2.906	5.7	21.4
3 12	10 13.42	− 6 40.4	1.963	2.911	7.1	21.5
3 22	10 6.02	− 5 25.0	2.011	2.915	9.9	21.7
4 1	10 0.64	− 4 10.4	2.084	2.919	12.8	21.9

193982 2001 RK_{126} 2 24.6 237.°37 1.°2/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.06	+ 8 54.5	1.796	2.625	14.0	21.7
2 1	10 48.86	+ 9 52.7	1.702	2.610	10.4	21.4
2 11	10 41.23	+11 5.2	1.632	2.594	6.2	21.1
2 21	10 31.83	+12 26.0	1.590	2.577	1.8	20.8
3 2	10 21.66	+13 46.7	1.578	2.559	3.8	20.9
3 12	10 11.98	+14 58.8	1.594	2.541	8.5	21.1
3 22	10 3.88	+15 56.1	1.635	2.522	12.9	21.3
4 1	9 58.22	+16 35.1	1.699	2.502	16.6	21.5

368543 2003 WO_{168} 2 24.6 112.°61 2.°7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.60	+16 8.0	2.426	3.261	10.6	21.7
2 1	10 46.20	+17 8.6	2.369	3.280	7.7	21.5
2 11	10 39.19	+18 12.3	2.339	3.299	4.7	21.3
2 21	10 31.17	+19 13.4	2.337	3.317	2.7	21.2
3 2	10 22.94	+20 6.4	2.367	3.335	4.3	21.4
3 12	10 15.30	+20 46.9	2.426	3.352	7.2	21.6
3 22	10 8.94	+21 12.9	2.511	3.369	10.0	21.8
4 1	10 4.36	+21 23.9	2.619	3.386	12.4	22.0

211892 2004 JE_{25} 2 24.7 183.°94 3.°6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.47	− 5 12.0	2.413	3.176	12.9	21.0
2 1	10 45.52	− 4 54.1	2.321	3.177	10.3	20.8
2 11	10 38.89	− 4 18.0	2.252	3.177	7.4	20.6
2 21	10 31.13	− 3 25.5	2.210	3.176	4.6	20.4
3 2	10 22.97	− 2 20.0	2.198	3.174	3.7	20.4
3 12	10 15.23	− 1 7.1	2.216	3.172	5.9	20.5
3 22	10 8.64	+ 0 7.2	2.263	3.170	8.8	20.7
4 1	10 3.77	+ 1 17.2	2.335	3.167	11.7	20.9

192588 1999 BH_1 2 24.7 79.°86 3.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.18	+ 0 18.2	1.418	2.229	18.1	20.3
2 1	10 51.06	+ 0 21.4	1.366	2.256	13.9	20.1
2 11	10 42.35	+ 0 45.8	1.335	2.282	9.1	19.9
2 21	10 32.05	+ 1 27.8	1.329	2.308	4.5	19.7
3 2	10 21.49	+ 2 20.8	1.350	2.334	3.8	19.7
3 12	10 12.06	+ 3 16.7	1.398	2.359	8.0	20.1
3 22	10 4.80	+ 4 8.0	1.472	2.384	12.3	20.4
4 1	10 0.35	+ 4 49.3	1.567	2.409	15.9	20.7

27650 5137 $T\text{-}2$ 2 24.7 321.°99 8.°0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.64	−12 43.4	1.618	2.373	18.5	18.7
2 1	10 44.27	−12 58.2	1.527	2.364	15.7	18.4
2 11	10 38.54	−12 42.2	1.456	2.355	12.6	18.2
2 21	10 31.10	−11 53.7	1.406	2.347	9.6	18.0
3 2	10 22.97	−10 34.6	1.381	2.339	8.0	17.9
3 12	10 15.37	− 8 52.4	1.381	2.332	9.2	18.0
3 22	10 9.40	− 6 58.0	1.406	2.325	12.3	18.1
4 1	10 5.88	− 5 2.8	1.455	2.319	15.7	18.3

149713 2004 JK_{10} 2 24.7 229.°64 4.°8/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.02	+19 9.5	1.989	2.837	12.1	20.1
2 1	10 46.39	+20 49.3	1.914	2.830	8.9	19.9
2 11	10 39.62	+22 33.8	1.866	2.823	6.0	19.7
2 21	10 31.37	+24 14.0	1.846	2.816	4.8	19.6
3 2	10 22.56	+25 40.7	1.855	2.808	6.9	19.7
3 12	10 14.29	+26 47.0	1.892	2.800	10.1	19.9
3 22	10 7.51	+27 29.8	1.953	2.791	13.3	20.1
4 1	10 2.92	+27 49.0	2.035	2.783	16.0	20.2

24378 Katelyngibbs 2 24.7 141.°45 0.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.46	+ 9 39.0	2.216	3.041	11.9	19.5
2 1	10 46.29	+10 11.9	2.141	3.047	8.7	19.3
2 11	10 39.35	+10 53.2	2.092	3.052	5.1	19.1
2 21	10 31.25	+11 38.6	2.071	3.058	1.4	18.8
3 2	10 22.81	+12 22.7	2.080	3.063	2.9	18.9
3 12	10 14.94	+13 0.8	2.118	3.068	6.6	19.2
3 22	10 8.39	+13 29.2	2.184	3.072	10.0	19.4
4 1	10 3.72	+13 46.0	2.273	3.077	12.9	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
65949	1998 FJ_{107}		2 24.7	55.°72	1.°3/25.4	18
	h m	° ′			°	m
1 22	10 56.27	+ 6 10.2	1.442	2.272	16.8	18.3
2 1	10 50.60	+ 6 0.4	1.375	2.280	12.6	18.0
2 11	10 42.23	+ 6 4.7	1.330	2.288	7.8	17.8
2 21	10 32.08	+ 6 19.3	1.311	2.296	2.7	17.5
3 2	10 21.43	+ 6 39.2	1.318	2.304	3.3	17.5
3 12	10 11.75	+ 6 58.4	1.353	2.313	8.3	17.9
3 22	10 4.17	+ 7 12.1	1.412	2.322	12.9	18.1
4 1	9 59.44	+ 7 16.6	1.492	2.331	16.8	18.4
523517	2017 OY_{24}		2 24.7	256.°68	6.°4/29.9	17
1 22	10 51.94	− 8 49.1	2.003	2.756	15.5	21.1
2 1	10 47.04	− 9 23.3	1.907	2.747	12.9	20.9
2 11	10 40.03	− 9 36.8	1.832	2.738	10.0	20.6
2 21	10 31.50	− 9 28.4	1.782	2.728	7.4	20.5
3 2	10 22.35	− 8 59.1	1.758	2.719	6.4	20.4
3 12	10 13.62	− 8 13.2	1.763	2.709	7.9	20.5
3 22	10 6.27	− 7 17.1	1.793	2.700	10.8	20.6
4 1	10 1.04	− 6 18.0	1.848	2.690	13.9	20.8
312159	2007 UC_{37}		2 24.7	248.°37	3.°2/21.9	17
1 22	10 53.61	+14 18.3	1.765	2.608	13.6	21.0
2 1	10 48.58	+15 26.8	1.677	2.593	10.0	20.7
2 11	10 41.10	+16 45.0	1.614	2.577	6.1	20.5
2 21	10 31.83	+18 4.9	1.578	2.561	3.2	20.3
3 2	10 21.83	+19 17.5	1.572	2.544	5.5	20.4
3 12	10 12.36	+20 14.8	1.592	2.527	9.6	20.6
3 22	10 4.56	+20 52.3	1.638	2.509	13.7	20.8
4 1	9 59.25	+21 8.6	1.704	2.491	17.2	20.9
22139	Jamescox		2 24.7	341.°02	3.°3/22.2	18
1 22	10 49.05	+12 42.3	1.257	2.121	16.6	17.6
2 1	10 45.80	+13 52.8	1.187	2.113	12.2	17.3
2 11	10 39.66	+15 17.4	1.139	2.106	7.2	17.0
2 21	10 31.46	+16 46.1	1.115	2.100	3.4	16.8
3 2	10 22.52	+18 6.8	1.117	2.094	6.1	16.9
3 12	10 14.43	+19 9.1	1.143	2.089	11.2	17.2
3 22	10 8.49	+19 47.0	1.190	2.085	16.0	17.4
4 1	10 5.58	+19 58.8	1.257	2.082	20.1	17.7
146639	2001 UH_{53}		2 24.7	353.°41	10.°9/15.2	18
1 22	10 46.77	+28 41.3	1.173	2.053	16.3	17.8
2 1	10 44.50	+30 47.6	1.122	2.044	13.2	17.6
2 11	10 39.02	+32 47.5	1.093	2.036	11.1	17.4
2 21	10 31.29	+34 24.9	1.086	2.030	11.3	17.4
3 2	10 22.86	+35 26.5	1.102	2.026	13.7	17.5
3 12	10 15.53	+35 45.8	1.138	2.024	17.0	17.7
3 22	10 10.70	+35 24.1	1.191	2.023	20.3	17.9
4 1	10 9.18	+34 27.2	1.259	2.024	23.2	18.1
499485	2010 JE_{178}		2 24.7	289.°93	1.°0/23.6	17
1 22	10 47.63	+ 8 41.7	2.191	3.021	11.8	21.1
2 1	10 43.61	+ 9 43.9	2.109	3.018	8.7	20.9
2 11	10 37.84	+10 57.5	2.052	3.014	5.1	20.7
2 21	10 30.89	+12 16.8	2.024	3.011	1.4	20.4
3 2	10 23.53	+13 35.5	2.026	3.008	3.1	20.5
3 12	10 16.63	+14 46.8	2.057	3.004	6.9	20.8
3 22	10 10.95	+15 45.8	2.114	3.001	10.3	21.0
4 1	10 7.08	+16 29.5	2.195	2.998	13.3	21.2
58041	2002 VU_{127}		2 24.7	130.°93	2.°1/26.6	18
1 22	10 53.49	+ 2 29.8	2.517	3.307	11.7	18.8
2 1	10 47.59	+ 2 13.2	2.434	3.314	8.9	18.6
2 11	10 40.06	+ 2 6.9	2.377	3.320	5.9	18.5
2 21	10 31.47	+ 2 9.4	2.348	3.327	2.9	18.3
3 2	10 22.57	+ 2 18.4	2.350	3.333	2.6	18.3
3 12	10 14.16	+ 2 30.6	2.383	3.339	5.5	18.4
3 22	10 6.94	+ 2 42.9	2.443	3.345	8.5	18.6
4 1	10 1.44	+ 2 52.4	2.530	3.350	11.2	18.8
303441	2005 AV_{60}		2 24.7	24.°08	0.°2/24.5	18
1 22	10 51.32	+ 7 48.2	1.188	2.042	18.1	20.2
2 1	10 47.36	+ 8 12.4	1.130	2.049	13.4	19.9
2 11	10 40.48	+ 8 53.2	1.093	2.057	8.0	19.6
2 21	10 31.66	+ 9 44.0	1.079	2.067	2.1	19.3
3 2	10 22.34	+10 35.9	1.091	2.077	3.8	19.4
3 12	10 14.10	+11 20.0	1.127	2.088	9.5	19.8
3 22	10 8.15	+11 50.0	1.186	2.100	14.5	20.1
4 1	10 5.26	+12 2.8	1.264	2.112	18.6	20.4
348495	2005 SJ_{281}		2 24.7	140.°38	1.°6/23.4	18
1 22	10 57.00	+10 59.8	1.699	2.531	14.6	21.6
2 1	10 50.83	+11 44.7	1.633	2.542	10.7	21.4
2 11	10 42.25	+12 39.4	1.591	2.553	6.3	21.1
2 21	10 32.12	+13 37.2	1.577	2.564	2.0	20.9
3 2	10 21.57	+14 30.6	1.592	2.573	4.0	21.0
3 12	10 11.89	+15 13.0	1.636	2.582	8.4	21.3
3 22	10 4.08	+15 40.5	1.705	2.591	12.5	21.6
4 1	9 58.83	+15 51.8	1.796	2.598	15.9	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
163546	2002 TL_{90}		2 24.7	180.°52	1.°9/22.8	17
	h m	° ′			°	m
1 22	10 52.57	+14 28.2	2.379	3.210	11.0	20.1
2 1	10 47.06	+14 55.9	2.301	3.211	8.0	19.9
2 11	10 39.81	+15 27.7	2.249	3.211	4.8	19.7
2 21	10 31.43	+15 59.1	2.227	3.211	2.0	19.5
3 2	10 22.72	+16 25.6	2.234	3.211	3.6	19.6
3 12	10 14.54	+16 43.3	2.271	3.210	6.9	19.8
3 22	10 7.64	+16 50.0	2.334	3.210	10.0	20.0
4 1	10 2.57	+16 44.9	2.421	3.209	12.7	20.2
120157	2003 HC_{10}		2 24.7	282.°35	2.°2/22.8	18
1 22	10 52.18	+13 10.5	1.832	2.673	13.3	20.5
2 1	10 47.28	+13 52.0	1.756	2.670	9.7	20.3
2 11	10 40.17	+14 41.2	1.703	2.667	5.8	20.0
2 21	10 31.57	+15 31.9	1.678	2.663	2.3	19.8
3 2	10 22.47	+16 17.3	1.682	2.660	4.3	19.9
3 12	10 14.03	+16 51.5	1.713	2.656	8.4	20.2
3 22	10 7.19	+17 11.0	1.769	2.653	12.2	20.4
4 1	10 2.64	+17 14.4	1.847	2.650	15.5	20.6
269592	2009 XA_{13}		2 24.7	347.°42	2.°3/22.8	18
1 22	10 51.36	+13 31.4	1.750	2.596	13.6	20.7
2 1	10 46.74	+14 11.6	1.677	2.593	9.9	20.4
2 11	10 39.87	+14 59.4	1.627	2.591	5.9	20.2
2 21	10 31.49	+15 48.4	1.604	2.589	2.5	20.0
3 2	10 22.63	+16 31.5	1.609	2.587	4.5	20.1
3 12	10 14.45	+17 2.8	1.641	2.586	8.6	20.3
3 22	10 7.94	+17 18.9	1.698	2.585	12.5	20.6
4 1	10 3.77	+17 18.6	1.777	2.584	15.8	20.8
160804	2000 VQ_{28}		2 24.7	131.°56	1.°9/22.9	18
1 22	10 55.36	+11 59.8	1.976	2.806	12.9	20.3
2 1	10 49.30	+12 59.4	1.914	2.823	9.4	20.1
2 11	10 41.21	+14 6.9	1.878	2.839	5.5	19.9
2 21	10 31.82	+15 15.6	1.870	2.855	2.1	19.7
3 2	10 22.13	+16 18.3	1.892	2.870	4.0	19.8
3 12	10 13.18	+17 9.2	1.944	2.884	7.8	20.1
3 22	10 5.85	+17 44.8	2.022	2.897	11.3	20.3
4 1	10 0.72	+18 4.0	2.123	2.909	14.2	20.6
226742	2004 RS_{14}		2 24.7	139.°00	1.°3/25.9	18
1 22	10 51.82	+ 3 42.5	2.137	2.944	12.9	21.0
2 1	10 46.63	+ 4 2.0	2.060	2.952	9.7	20.8
2 11	10 39.62	+ 4 34.5	2.007	2.959	6.1	20.5
2 21	10 31.40	+ 5 16.7	1.982	2.966	2.4	20.3
3 2	10 22.82	+ 6 4.0	1.986	2.972	2.4	20.3
3 12	10 14.81	+ 6 50.8	2.020	2.978	6.2	20.6
3 22	10 8.15	+ 7 32.5	2.082	2.984	9.7	20.8
4 1	10 3.43	+ 8 5.5	2.167	2.989	12.8	21.0
451044	2008 YQ_3		2 24.7	30.°08	4.°7/21.4	18
1 22	10 52.88	+16 20.5	1.231	2.096	16.8	20.5
2 1	10 48.55	+17 31.3	1.176	2.102	12.3	20.2
2 11	10 41.22	+18 49.4	1.143	2.108	7.6	20.0
2 21	10 31.88	+20 3.6	1.134	2.115	4.7	19.8
3 2	10 22.03	+21 2.7	1.151	2.122	7.2	20.0
3 12	10 13.30	+21 38.7	1.191	2.130	11.8	20.2
3 22	10 6.94	+21 48.8	1.254	2.138	16.1	20.5
4 1	10 3.71	+21 34.4	1.335	2.147	19.8	20.8
457485	2008 UD_{315}		2 24.7	228.°01	4.°1/27.9	18
1 22	10 53.83	− 3 5.7	1.779	2.566	15.9	21.7
2 1	10 48.68	− 3 4.2	1.684	2.556	12.7	21.4
2 11	10 41.15	− 2 41.4	1.610	2.545	8.9	21.2
2 21	10 31.89	− 1 58.3	1.562	2.534	5.3	20.9
3 2	10 21.90	− 0 58.9	1.542	2.522	4.3	20.8
3 12	10 12.40	+ 0 9.9	1.551	2.510	7.6	21.0
3 22	10 4.48	+ 1 20.2	1.585	2.496	11.6	21.2
4 1	9 58.95	+ 2 24.7	1.643	2.483	15.4	21.4
488529	2001 RV_{85}		2 24.7	168.°59	0.°6/24.2	18
1 22	10 56.54	+ 8 52.7	1.850	2.673	13.9	22.5
2 1	10 50.40	+ 9 26.1	1.774	2.678	10.3	22.2
2 11	10 42.00	+10 10.5	1.723	2.683	6.1	22.0
2 21	10 32.08	+11 0.5	1.699	2.686	1.6	21.7
3 2	10 21.69	+11 49.7	1.705	2.689	3.2	21.8
3 12	10 12.01	+12 32.0	1.740	2.691	7.7	22.1
3 22	10 4.01	+13 3.0	1.802	2.692	11.7	22.3
4 1	9 58.40	+13 20.4	1.886	2.692	15.0	22.6
40403	1999 NJ_{65}		2 24.7	139.°73	3.°8/28.5	18
1 22	10 52.33	− 5 12.7	2.025	2.796	14.8	20.1
2 1	10 47.10	− 4 46.3	1.947	2.809	11.7	19.9
2 11	10 39.94	− 3 58.3	1.892	2.821	8.3	19.7
2 21	10 31.51	− 2 51.3	1.864	2.832	5.0	19.5
3 2	10 22.70	− 1 30.3	1.865	2.843	3.9	19.5
3 12	10 14.49	− 0 2.6	1.895	2.853	6.5	19.7
3 22	10 7.72	+ 1 24.1	1.953	2.862	9.9	19.9
4 1	10 3.00	+ 2 43.3	2.036	2.871	13.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
107582	2001 DP_{97}		2 24.7	301.°54	2.°6/22.8	18
	h m	° ′			°	m
1 22	10 52.93	+13 23.4	1.495	2.345	15.2	20.1
2 1	10 48.41	+14 4.9	1.413	2.331	11.2	19.8
2 11	10 41.15	+14 56.2	1.353	2.318	6.7	19.5
2 21	10 31.92	+15 50.1	1.319	2.304	2.8	19.2
3 2	10 21.93	+16 37.9	1.312	2.291	5.1	19.3
3 12	10 12.62	+17 12.0	1.331	2.277	10.0	19.6
3 22	10 5.24	+17 28.1	1.373	2.265	14.5	19.8
4 1	10 0.68	+17 24.8	1.436	2.252	18.4	20.0
298969	2004 VL_{28}		2 24.7	83.°72	1.°0/25.4	18
1 22	10 55.11	+ 4 27.4	1.503	2.328	16.5	21.3
2 1	10 49.53	+ 4 56.2	1.447	2.349	12.3	21.1
2 11	10 41.50	+ 5 42.0	1.414	2.370	7.6	20.9
2 21	10 31.93	+ 6 39.2	1.406	2.391	2.5	20.6
3 2	10 22.06	+ 7 40.4	1.426	2.412	3.1	20.7
3 12	10 13.17	+ 8 37.5	1.473	2.432	7.9	21.0
3 22	10 6.29	+ 9 24.4	1.546	2.452	12.2	21.3
4 1	10 2.04	+ 9 57.4	1.641	2.472	15.8	21.6
178883	2001 OA_{11}		2 24.7	117.°48	4.°6/20.2	18
1 22	10 53.78	+19 38.2	1.953	2.798	12.4	20.2
2 1	10 48.26	+20 58.5	1.899	2.812	9.1	20.0
2 11	10 40.64	+22 20.2	1.870	2.826	6.0	19.9
2 21	10 31.70	+23 35.1	1.869	2.840	4.6	19.8
3 2	10 22.43	+24 35.5	1.897	2.853	6.4	20.0
3 12	10 13.94	+25 16.3	1.953	2.866	9.5	20.2
3 22	10 7.10	+25 36.1	2.034	2.878	12.5	20.4
4 1	10 2.50	+25 35.6	2.135	2.890	15.1	20.6
466478	2013 UU_2		2 24.7	182.°89	6.°3/17.5	17
1 22	10 58.04	+31 35.8	2.705	3.528	10.0	21.8
2 1	10 51.02	+32 31.9	2.642	3.529	8.1	21.7
2 11	10 42.14	+33 20.3	2.606	3.529	6.6	21.6
2 21	10 32.10	+33 55.1	2.599	3.529	6.4	21.6
3 2	10 21.76	+34 11.4	2.621	3.527	7.5	21.7
3 12	10 12.08	+34 7.3	2.670	3.526	9.5	21.8
3 22	10 3.85	+33 43.4	2.744	3.523	11.5	21.9
4 1	9 57.62	+33 2.2	2.840	3.520	13.3	22.1
379376	2009 WR_{261}		2 24.7	75.°95	3.°2/27.3	18 R
1 22	10 52.24	− 0 16.4	1.928	2.725	14.5	20.4
2 1	10 47.15	− 0 26.3	1.850	2.731	11.3	20.2
2 11	10 40.02	− 0 19.9	1.795	2.736	7.7	20.0
2 21	10 31.55	+ 0 0.9	1.767	2.742	4.2	19.8
3 2	10 22.65	+ 0 32.8	1.767	2.748	3.6	19.8
3 12	10 14.37	+ 1 10.4	1.795	2.754	6.7	20.0
3 22	10 7.58	+ 1 48.4	1.850	2.760	10.3	20.2
4 1	10 2.92	+ 2 21.7	1.928	2.767	13.5	20.4
393300	2013 YF_{69}		2 24.7	320.°08	3.°6/20.6	17
1 22	10 47.62	+16 48.3	2.103	2.952	11.5	20.2
2 1	10 43.77	+18 8.6	2.025	2.943	8.4	20.0
2 11	10 38.04	+19 34.5	1.973	2.935	5.3	19.7
2 21	10 31.02	+20 59.0	1.950	2.927	3.6	19.6
3 2	10 23.54	+22 14.2	1.955	2.919	5.5	19.7
3 12	10 16.54	+23 13.9	1.989	2.912	8.8	19.9
3 22	10 10.85	+23 54.5	2.047	2.905	11.9	20.1
4 1	10 7.11	+24 15.2	2.127	2.898	14.7	20.3
114046	2002 VN_{16}		2 24.7	24.°81	4.°7/20.6	18
1 22	10 53.24	+21 39.2	1.971	2.818	12.2	19.6
2 1	10 47.90	+22 23.5	1.907	2.821	9.1	19.4
2 11	10 40.45	+23 6.9	1.868	2.824	6.1	19.2
2 21	10 31.66	+23 42.6	1.856	2.827	4.7	19.1
3 2	10 22.53	+24 4.5	1.873	2.831	6.3	19.2
3 12	10 14.15	+24 9.1	1.917	2.835	9.3	19.4
3 22	10 7.41	+23 55.6	1.986	2.840	12.4	19.6
4 1	10 2.90	+23 25.3	2.075	2.844	15.1	19.8
203559	2002 CJ_{113}		2 24.7	99.°94	4.°9/20.7	18
1 22	10 54.94	+17 47.4	1.526	2.379	14.8	20.6
2 1	10 49.57	+19 14.5	1.474	2.393	10.9	20.4
2 11	10 41.61	+20 45.7	1.446	2.406	6.9	20.2
2 21	10 31.99	+22 10.7	1.444	2.420	4.9	20.1
3 2	10 21.99	+23 19.3	1.470	2.433	7.1	20.3
3 12	10 12.97	+24 4.9	1.522	2.446	10.9	20.5
3 22	10 6.03	+24 25.4	1.598	2.459	14.6	20.8
4 1	10 1.83	+24 22.4	1.693	2.471	17.6	21.0
22175	2000 XS_{29}		2 24.7	173.°38	6.°1/18.3	18
1 22	10 55.61	+27 39.8	2.289	3.126	11.1	19.2
2 1	10 49.48	+28 44.1	2.227	3.128	8.7	19.0
2 11	10 41.34	+29 43.3	2.192	3.130	6.7	18.9
2 21	10 31.90	+30 30.2	2.184	3.132	6.2	18.9
3 2	10 22.13	+30 58.9	2.205	3.133	7.6	18.9
3 12	10 13.05	+31 6.6	2.253	3.133	10.0	19.1
3 22	10 5.52	+30 53.1	2.326	3.133	12.4	19.3
4 1	10 0.14	+30 20.9	2.419	3.133	14.6	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
343029	2009 BZ_{128}		2 24.7	87.°57	2.°2/22.6	18
	h m	° ′			°	m
1 22	10 52.96	+15 35.5	2.264	3.098	11.3	20.7
2 1	10 47.39	+15 59.7	2.194	3.105	8.3	20.5
2 11	10 40.03	+16 27.1	2.150	3.111	4.9	20.3
2 21	10 31.54	+16 52.9	2.134	3.117	2.3	20.2
3 2	10 22.76	+17 12.6	2.148	3.123	3.9	20.3
3 12	10 14.60	+17 22.6	2.191	3.129	7.1	20.5
3 22	10 7.81	+17 21.1	2.261	3.136	10.3	20.7
4 1	10 2.95	+17 7.8	2.353	3.142	13.0	20.9
310137	2011 HH_{67}		2 24.7	166.°22	2.°4/21.9	18
1 22	10 49.21	+13 33.0	2.265	3.102	11.2	20.6
2 1	10 44.74	+14 46.3	2.191	3.104	8.1	20.4
2 11	10 38.53	+16 6.7	2.143	3.106	4.8	20.2
2 21	10 31.15	+17 27.8	2.124	3.107	2.4	20.1
3 2	10 23.40	+18 42.8	2.136	3.108	4.3	20.2
3 12	10 16.14	+19 45.8	2.176	3.109	7.5	20.4
3 22	10 10.13	+20 33.2	2.243	3.110	10.7	20.6
4 1	10 5.94	+21 3.4	2.333	3.111	13.4	20.8
405862	2006 DJ_{81}		2 24.7	317.°15	0.°2/24.6	16
1 22	10 51.81	+ 8 3.9	1.289	2.138	17.2	21.7
2 1	10 47.92	+ 8 23.3	1.206	2.123	13.0	21.4
2 11	10 41.05	+ 8 58.8	1.145	2.108	7.9	21.1
2 21	10 31.95	+ 9 45.4	1.107	2.094	2.1	20.7
3 2	10 21.95	+10 34.9	1.095	2.081	3.9	20.7
3 12	10 12.67	+11 18.4	1.108	2.068	9.7	21.0
3 22	10 5.50	+11 49.1	1.144	2.056	15.0	21.3
4 1	10 1.43	+12 2.8	1.198	2.044	19.6	21.5
8798	Tarantino		2 24.7	214.°84	1.°4/23.0	18
1 22	10 50.05	+13 5.7	2.846	3.671	9.5	19.7
2 1	10 45.04	+13 39.5	2.758	3.664	6.9	19.5
2 11	10 38.58	+14 18.0	2.696	3.657	4.1	19.3
2 21	10 31.16	+14 57.5	2.665	3.650	1.6	19.1
3 2	10 23.40	+15 33.8	2.664	3.642	3.0	19.2
3 12	10 16.02	+16 3.4	2.694	3.634	5.9	19.4
3 22	10 9.64	+16 23.8	2.752	3.626	8.7	19.6
4 1	10 4.74	+16 33.5	2.834	3.617	11.1	19.7
224412	2005 UB_{334}		2 24.7	153.°19	0.°2/24.8	18
1 22	10 51.57	+ 6 26.4	2.088	2.906	12.7	21.4
2 1	10 46.53	+ 7 1.6	2.011	2.911	9.5	21.2
2 11	10 39.62	+ 7 48.7	1.958	2.916	5.7	20.9
2 21	10 31.46	+ 8 43.4	1.934	2.920	1.6	20.7
3 2	10 22.91	+ 9 40.0	1.939	2.924	2.6	20.7
3 12	10 14.93	+10 32.6	1.973	2.928	6.6	21.0
3 22	10 8.32	+11 16.4	2.035	2.931	10.2	21.2
4 1	10 3.69	+11 48.5	2.120	2.934	13.3	21.4
83715	2001 TV_{86}		2 24.7	76.°80	3.°0/27.9	18
1 22	10 48.47	− 2 17.4	2.273	3.058	12.9	19.8
2 1	10 44.14	− 2 6.1	2.191	3.063	10.1	19.6
2 11	10 38.14	− 1 38.4	2.133	3.068	7.0	19.4
2 21	10 31.05	− 0 56.3	2.101	3.073	4.0	19.2
3 2	10 23.61	− 0 3.6	2.098	3.079	3.3	19.2
3 12	10 16.64	+ 0 54.5	2.124	3.084	5.8	19.3
3 22	10 10.87	+ 1 52.4	2.178	3.089	8.9	19.5
4 1	10 6.83	+ 2 45.1	2.257	3.094	11.8	19.7
28872	2000 KF_6		2 24.7	93.°75	0.°4/25.1	18
1 22	10 49.14	+ 5 34.3	2.232	3.049	12.1	18.9
2 1	10 44.62	+ 6 9.6	2.157	3.057	9.0	18.7
2 11	10 38.42	+ 6 56.6	2.108	3.064	5.5	18.5
2 21	10 31.13	+ 7 51.2	2.086	3.072	1.7	18.2
3 2	10 23.51	+ 8 48.4	2.094	3.080	2.3	18.3
3 12	10 16.42	+ 9 42.5	2.131	3.087	6.1	18.6
3 22	10 10.57	+10 29.0	2.196	3.095	9.5	18.8
4 1	10 6.51	+11 4.8	2.285	3.102	12.4	19.0
433819	2015 BN_{173}		2 24.7	34.°24	1.°3/25.6	18
1 22	10 53.77	+ 5 49.1	1.734	2.557	14.7	20.7
2 1	10 48.42	+ 5 37.6	1.664	2.564	11.1	20.4
2 11	10 40.84	+ 5 38.0	1.617	2.572	6.9	20.2
2 21	10 31.81	+ 5 47.5	1.596	2.581	2.6	20.0
3 2	10 22.37	+ 6 2.2	1.604	2.589	2.9	20.0
3 12	10 13.71	+ 6 17.1	1.639	2.599	7.2	20.3
3 22	10 6.75	+ 6 28.1	1.700	2.608	11.2	20.5
4 1	10 2.15	+ 6 32.2	1.784	2.618	14.6	20.8
286263	2001 VC_{19}		2 24.7	143.°47	2.°8/22.3	18
1 22	10 57.76	+14 55.9	1.922	2.754	13.1	21.5
2 1	10 51.17	+15 49.8	1.858	2.768	9.6	21.3
2 11	10 42.40	+16 48.9	1.820	2.781	5.7	21.1
2 21	10 32.22	+17 46.2	1.811	2.793	2.9	20.9
3 2	10 21.70	+18 34.7	1.831	2.804	4.8	21.1
3 12	10 11.99	+19 9.2	1.881	2.815	8.5	21.3
3 22	10 4.01	+19 27.3	1.956	2.824	12.0	21.5
4 1	9 58.40	+19 28.7	2.054	2.833	14.9	21.8

70097 1999 JG_{120} 2 24.7 256.°69 1.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.57	+ 4 4.9	1.778	2.594	14.7	20.3
2 1	10 48.57	+ 4 26.4	1.679	2.576	11.2	20.1
2 11	10 41.17	+ 5 4.2	1.603	2.558	7.1	19.8
2 21	10 31.97	+ 5 55.1	1.554	2.539	2.6	19.5
3 2	10 21.99	+ 6 53.3	1.533	2.519	2.9	19.4
3 12	10 12.45	+ 7 51.7	1.540	2.499	7.7	19.7
3 22	10 4.45	+ 8 43.5	1.574	2.478	12.2	19.9
4 1	9 58.86	+ 9 23.8	1.630	2.457	16.1	20.1

164967 2000 AO_{51} 2 24.7 106.°64 2.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.72	+ 0 52.5	1.729	2.533	15.6	19.6
2 1	10 49.12	+ 0 53.0	1.660	2.546	12.0	19.4
2 11	10 41.26	+ 1 10.8	1.613	2.559	7.9	19.1
2 21	10 31.93	+ 1 43.3	1.592	2.571	3.9	18.9
3 2	10 22.20	+ 2 25.9	1.599	2.583	3.4	18.9
3 12	10 13.24	+ 3 12.0	1.635	2.595	7.1	19.2
3 22	10 6.01	+ 3 55.6	1.697	2.606	11.1	19.4
4 1	10 1.17	+ 4 31.6	1.781	2.617	14.6	19.7

380938 2006 JZ_{31} 2 24.7 26.°53 6.°8/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.95	+27 27.2	2.012	2.859	12.0	21.0
2 1	10 47.80	+28 45.7	1.953	2.860	9.4	20.9
2 11	10 40.47	+29 59.2	1.920	2.860	7.3	20.7
2 21	10 31.72	+30 59.4	1.914	2.861	6.9	20.7
3 2	10 22.57	+31 39.3	1.935	2.862	8.5	20.8
3 12	10 14.16	+31 55.1	1.982	2.863	11.1	21.0
3 22	10 7.41	+31 46.8	2.052	2.864	13.7	21.1
4 1	10 2.97	+31 16.8	2.141	2.865	16.0	21.3

461994 2006 WJ_{95} 2 24.7 30.°47 1.°6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.54	+ 3 20.3	1.196	2.040	18.6	20.7
2 1	10 45.90	+ 3 44.8	1.147	2.058	14.0	20.5
2 11	10 39.55	+ 4 31.1	1.119	2.078	8.7	20.2
2 21	10 31.48	+ 5 33.1	1.113	2.098	3.2	20.0
3 2	10 23.06	+ 6 41.6	1.133	2.120	3.4	20.0
3 12	10 15.76	+ 7 46.6	1.178	2.142	8.6	20.4
3 22	10 10.64	+ 8 40.2	1.246	2.166	13.4	20.7
4 1	10 8.34	+ 9 17.6	1.334	2.190	17.3	21.0

223846 2004 TW_{190} 2 24.7 77.°56 1.°7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.48	+12 14.4	1.873	2.710	13.2	20.8
2 1	10 47.36	+12 52.2	1.807	2.719	9.6	20.6
2 11	10 40.17	+13 37.6	1.766	2.729	5.6	20.4
2 21	10 31.64	+14 24.7	1.752	2.738	2.0	20.1
3 2	10 22.76	+15 7.3	1.767	2.747	3.8	20.3
3 12	10 14.60	+15 39.9	1.810	2.756	7.8	20.5
3 22	10 8.04	+15 59.3	1.878	2.765	11.5	20.8
4 1	10 3.69	+16 4.3	1.969	2.774	14.6	21.0

204683 2006 DJ_{152} 2 24.7 152.°32 0.°9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.26	+ 4 21.9	1.800	2.615	14.6	21.5
2 1	10 48.78	+ 4 52.2	1.725	2.622	11.0	21.3
2 11	10 41.09	+ 5 37.9	1.674	2.629	6.8	21.0
2 21	10 31.91	+ 6 34.5	1.650	2.635	2.3	20.8
3 2	10 22.28	+ 7 35.7	1.655	2.640	2.8	20.8
3 12	10 13.33	+ 8 34.4	1.688	2.645	7.2	21.1
3 22	10 6.04	+ 9 24.8	1.748	2.650	11.3	21.3
4 1	10 1.07	+10 2.8	1.831	2.654	14.8	21.6

344339 2001 VH_{127} 2 24.7 156.°28 4.°5/19.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.61	+23 43.2	2.623	3.462	9.8	21.6
2 1	10 46.31	+24 43.8	2.559	3.467	7.4	21.5
2 11	10 39.38	+25 42.5	2.523	3.471	5.3	21.3
2 21	10 31.41	+26 33.5	2.515	3.475	4.5	21.3
3 2	10 23.15	+27 11.8	2.537	3.479	5.9	21.4
3 12	10 15.43	+27 34.2	2.587	3.483	8.2	21.5
3 22	10 8.92	+27 39.6	2.662	3.486	10.5	21.7
4 1	10 4.16	+27 28.8	2.759	3.489	12.6	21.9

77499 2001 HJ_{39} 2 24.7 208.°18 0.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.08	+ 6 5.0	2.231	3.048	12.1	19.9
2 1	10 45.40	+ 6 34.3	2.146	3.046	9.0	19.7
2 11	10 38.96	+ 7 15.1	2.087	3.043	5.5	19.5
2 21	10 31.32	+ 8 3.5	2.055	3.041	1.7	19.2
3 2	10 23.28	+ 8 54.7	2.053	3.038	2.4	19.2
3 12	10 15.71	+ 9 43.2	2.080	3.036	6.2	19.5
3 22	10 9.38	+10 24.7	2.135	3.033	9.7	19.7
4 1	10 4.89	+10 55.8	2.213	3.030	12.8	19.9

58945 1998 QY_{43} 2 24.7 247.°55 2.°1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.95	+12 9.1	1.415	2.262	16.1	19.0
2 1	10 50.68	+12 44.4	1.342	2.258	11.9	18.7
2 11	10 42.53	+13 30.3	1.290	2.254	7.1	18.4
2 21	10 32.36	+14 19.6	1.265	2.251	2.4	18.1
3 2	10 21.51	+15 3.8	1.266	2.247	4.8	18.3
3 12	10 11.52	+15 35.3	1.293	2.243	9.8	18.6
3 22	10 3.67	+15 50.1	1.345	2.239	14.5	18.8
4 1	9 58.81	+15 46.6	1.416	2.235	18.5	19.1

502361 2015 BS_{224} 2 24.7 19.°36 3.°5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.35	+15 28.3	1.644	2.498	13.9	21.0
2 1	10 46.11	+16 29.8	1.581	2.501	10.1	20.7
2 11	10 39.57	+17 37.9	1.541	2.505	6.2	20.5
2 21	10 31.50	+18 44.4	1.528	2.510	3.5	20.4
3 2	10 23.00	+19 40.9	1.542	2.515	5.6	20.5
3 12	10 15.28	+20 21.1	1.583	2.520	9.5	20.7
3 22	10 9.31	+20 41.6	1.648	2.526	13.3	21.0
4 1	10 5.76	+20 42.3	1.733	2.532	16.5	21.2

97946 2000 QS_{122} 2 24.7 103.°36 0.°4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.22	+ 6 54.1	1.662	2.484	15.3	20.1
2 1	10 50.95	+ 7 11.8	1.602	2.504	11.4	19.9
2 11	10 42.33	+ 7 42.1	1.565	2.522	6.8	19.7
2 21	10 32.23	+ 8 20.1	1.554	2.541	2.0	19.4
3 2	10 21.82	+ 8 59.9	1.573	2.558	3.0	19.5
3 12	10 12.34	+ 9 35.3	1.620	2.576	7.6	19.8
3 22	10 4.77	+10 1.7	1.693	2.592	11.7	20.1
4 1	9 59.73	+10 16.5	1.788	2.609	15.2	20.4

234885 2002 TC_{81} 2 24.7 145.°09 4.°6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.41	+23 19.3	2.444	3.284	10.4	20.5
2 1	10 46.98	+24 20.3	2.382	3.290	7.8	20.3
2 11	10 39.81	+25 19.5	2.347	3.296	5.5	20.2
2 21	10 31.54	+26 10.8	2.340	3.302	4.7	20.1
3 2	10 22.96	+26 48.8	2.362	3.308	6.1	20.2
3 12	10 14.98	+27 9.9	2.413	3.313	8.5	20.4
3 22	10 8.33	+27 13.3	2.489	3.318	11.0	20.6
4 1	10 3.54	+27 0.0	2.586	3.322	13.2	20.7

110015 2001 SV_{68} 2 24.7 164.°52 3.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.28	− 3 24.1	2.226	3.003	13.4	20.0
2 1	10 45.53	− 2 49.8	2.140	3.008	10.5	19.8
2 11	10 39.02	− 1 56.4	2.078	3.012	7.3	19.6
2 21	10 31.34	− 0 46.7	2.043	3.016	4.1	19.4
3 2	10 23.27	+ 0 34.5	2.038	3.019	3.2	19.4
3 12	10 15.67	+ 2 0.4	2.062	3.022	6.0	19.5
3 22	10 9.33	+ 3 24.3	2.116	3.024	9.3	19.7
4 1	10 4.80	+ 4 40.2	2.194	3.025	12.3	19.9

90119 2002 XV_{65} 2 24.7 294.°37 12.°0/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 5.99	+41 0.9	1.718	2.535	15.1	19.2
2 1	10 58.11	+42 11.9	1.664	2.528	13.3	19.1
2 11	10 46.88	+43 3.6	1.633	2.522	12.2	19.0
2 21	10 33.51	+43 24.5	1.626	2.515	12.3	19.0
3 2	10 19.73	+43 7.6	1.643	2.509	13.6	19.1
3 12	10 7.41	+42 12.3	1.682	2.502	15.7	19.2
3 22	9 57.91	+40 44.0	1.741	2.496	17.9	19.3
4 1	9 51.93	+38 50.7	1.818	2.490	20.0	19.5

236009 2005 GC_{48} 2 24.7 166.°57 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.15	+10 6.2	2.290	3.117	11.5	21.0
2 1	10 45.39	+10 42.4	2.211	3.118	8.4	20.8
2 11	10 38.91	+11 26.7	2.158	3.119	4.9	20.6
2 21	10 31.31	+12 14.8	2.133	3.120	1.4	20.3
3 2	10 23.34	+13 1.5	2.138	3.121	2.9	20.4
3 12	10 15.88	+13 41.9	2.173	3.121	6.5	20.7
3 22	10 9.65	+14 12.4	2.234	3.122	9.8	20.9
4 1	10 5.22	+14 31.0	2.319	3.122	12.7	21.0

154847 2004 RJ_{49} 2 24.7 172.°45 0.°1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.38	+ 6 30.8	2.026	2.849	12.9	20.7
2 1	10 45.77	+ 7 14.7	1.947	2.850	9.6	20.5
2 11	10 39.24	+ 8 11.4	1.892	2.851	5.8	20.2
2 21	10 31.41	+ 9 16.1	1.865	2.851	1.6	19.9
3 2	10 23.16	+10 22.7	1.867	2.852	2.7	20.0
3 12	10 15.45	+11 24.5	1.898	2.852	6.8	20.3
3 22	10 9.12	+12 16.3	1.956	2.852	10.6	20.5
4 1	10 4.78	+12 54.9	2.037	2.852	13.8	20.7

473168 2015 KR_{32} 2 24.7 299.°56 2.°0/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.52	+ 1 24.8	2.303	3.104	12.3	21.2
2 1	10 44.26	+ 1 33.9	2.209	3.094	9.5	21.0
2 11	10 38.30	+ 1 56.6	2.138	3.084	6.3	20.8
2 21	10 31.16	+ 2 30.9	2.095	3.074	3.0	20.6
3 2	10 23.57	+ 3 13.1	2.080	3.065	2.6	20.5
3 12	10 16.38	+ 3 58.3	2.095	3.055	5.8	20.7
3 22	10 10.32	+ 4 41.8	2.137	3.046	9.2	20.9
4 1	10 6.00	+ 5 19.4	2.204	3.036	12.3	21.1

45767 2000 LU_{17} 2 24.7 203.°62 3.°9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.41	− 7 17.2	2.946	3.690	11.2	19.6
2 1	10 43.83	− 7 11.7	2.846	3.685	9.1	19.4
2 11	10 37.89	− 6 50.7	2.769	3.680	6.8	19.3
2 21	10 31.03	− 6 15.0	2.720	3.675	4.7	19.1
3 2	10 23.82	− 5 26.9	2.701	3.669	3.9	19.0
3 12	10 16.92	− 4 30.2	2.711	3.662	5.2	19.1
3 22	10 10.92	− 3 29.5	2.751	3.656	7.6	19.3
4 1	10 6.29	− 2 29.4	2.817	3.648	9.9	19.4

57115 2001 OS_{87} 2 24.7 65.°77 9.°5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.88	−18 59.9	2.217	2.892	16.2	18.9
2 1	10 48.29	−20 15.1	2.142	2.907	14.3	18.8
2 11	10 40.73	−21 6.5	2.088	2.922	12.3	18.7
2 21	10 31.83	−21 30.9	2.056	2.937	10.5	18.6
3 2	10 22.47	−21 27.8	2.049	2.952	9.5	18.5
3 12	10 13.65	−21 0.0	2.068	2.967	9.8	18.6
3 22	10 6.22	−20 13.2	2.112	2.982	11.1	18.7
4 1	10 0.84	−19 14.8	2.179	2.997	12.9	18.8

64336 2001 UO_{62} 2 24.7 25.°66 1.°2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.04	+11 17.2	2.164	2.996	11.8	19.4
2 1	10 45.39	+11 49.6	2.088	2.998	8.7	19.2
2 11	10 38.95	+12 29.5	2.038	3.000	5.1	19.0
2 21	10 31.33	+13 12.1	2.016	3.002	1.6	18.7
3 2	10 23.36	+13 52.3	2.023	3.004	3.2	18.8
3 12	10 15.93	+14 25.1	2.059	3.007	6.9	19.1
3 22	10 9.82	+14 47.4	2.121	3.009	10.3	19.3
4 1	10 5.60	+14 57.4	2.207	3.012	13.2	19.5

289742 2005 JN_{42} 2 24.7 234.°67 5.°6/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.38	+27 3.3	2.492	3.330	10.3	20.7
2 1	10 47.81	+28 2.8	2.419	3.321	8.0	20.5
2 11	10 40.39	+28 58.4	2.372	3.313	6.1	20.4
2 21	10 31.73	+29 43.7	2.354	3.304	5.7	20.3
3 2	10 22.68	+30 13.3	2.365	3.295	7.0	20.4
3 12	10 14.17	+30 23.9	2.402	3.285	9.3	20.5
3 22	10 7.01	+30 15.0	2.465	3.275	11.7	20.6
4 1	10 1.78	+29 48.1	2.548	3.266	13.9	20.8

421350 2013 TH_{100} 2 24.7 229.°54 0.°7/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.52	+ 4 19.8	1.939	2.758	13.6	20.9
2 1	10 45.23	+ 5 1.2	1.858	2.757	10.2	20.7
2 11	10 38.97	+ 5 57.9	1.801	2.757	6.3	20.5
2 21	10 31.37	+ 7 5.5	1.770	2.756	2.0	20.2
3 2	10 23.30	+ 8 17.6	1.769	2.755	2.6	20.2
3 12	10 15.79	+ 9 27.0	1.797	2.755	6.8	20.5
3 22	10 9.67	+10 27.8	1.851	2.754	10.7	20.7
4 1	10 5.60	+11 15.6	1.928	2.753	14.1	20.9

341701 2007 VO_{161} 2 24.7 19.°24 2.°2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.13	+14 35.8	2.199	3.036	11.5	21.0
2 1	10 46.19	+15 10.6	2.125	3.037	8.4	20.8
2 11	10 39.43	+15 50.0	2.075	3.038	5.0	20.6
2 21	10 31.48	+16 29.1	2.054	3.038	2.3	20.4
3 2	10 23.17	+17 2.7	2.063	3.039	3.9	20.5
3 12	10 15.42	+17 26.3	2.100	3.040	7.3	20.8
3 22	10 9.02	+17 37.4	2.163	3.041	10.6	21.0
4 1	10 4.53	+17 35.2	2.249	3.042	13.4	21.2

468259 2015 BM_{361} 2 24.7 78.°34 3.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.08	+15 34.8	1.879	2.723	12.8	21.3
2 1	10 47.14	+16 28.9	1.813	2.729	9.4	21.1
2 11	10 40.09	+17 28.3	1.772	2.734	5.7	20.9
2 21	10 31.67	+18 25.9	1.758	2.740	3.1	20.7
3 2	10 22.86	+19 14.9	1.773	2.745	5.0	20.9
3 12	10 14.76	+19 49.6	1.816	2.751	8.6	21.1
3 22	10 8.26	+20 7.5	1.883	2.756	12.1	21.3
4 1	10 3.98	+20 8.0	1.972	2.762	15.1	21.5

170082 2002 WK_{12} 2 24.7 31.°76 4.°1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 47.42	+16 0.8	1.793	2.648	12.8	19.1
2 1	10 43.81	+17 47.0	1.737	2.658	9.3	18.9
2 11	10 38.15	+19 39.4	1.707	2.669	5.8	18.8
2 21	10 31.14	+21 28.6	1.704	2.681	4.1	18.7
3 2	10 23.77	+23 4.9	1.730	2.693	6.3	18.8
3 12	10 17.07	+24 20.7	1.783	2.705	9.7	19.1
3 22	10 11.92	+25 12.7	1.861	2.718	13.0	19.3
4 1	10 8.93	+25 40.6	1.958	2.731	15.7	19.5

413435 2005 AW_{34} 2 24.7 41.°73 5.°5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.82	+19 29.0	1.595	2.456	13.9	20.2
2 1	10 45.73	+21 13.4	1.552	2.473	10.2	20.0
2 11	10 39.32	+22 59.6	1.533	2.492	6.8	19.8
2 21	10 31.46	+24 36.8	1.541	2.511	5.6	19.8
3 2	10 23.28	+25 55.2	1.576	2.530	7.7	20.0
3 12	10 16.00	+26 48.7	1.636	2.550	11.0	20.2
3 22	10 10.57	+27 15.6	1.720	2.570	14.2	20.4
4 1	10 7.57	+27 17.5	1.823	2.590	16.9	20.7

40563 1999 RZ_{122} 2 24.7 186.°33 2.°8/27.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.42	− 0 53.4	2.065	2.858	13.8	19.5
2 1	10 45.79	− 0 42.3	1.979	2.858	10.7	19.3
2 11	10 39.27	− 0 14.1	1.917	2.858	7.3	19.1
2 21	10 31.46	+ 0 28.9	1.881	2.858	3.9	18.9
3 2	10 23.20	+ 1 22.5	1.875	2.857	3.2	18.9
3 12	10 15.45	+ 2 20.8	1.897	2.857	6.3	19.1
3 22	10 9.02	+ 3 17.9	1.946	2.856	9.9	19.3
4 1	10 4.56	+ 4 8.5	2.019	2.855	13.1	19.5

364687 2007 TK_{424} 2 24.7 38.°09 2.°0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.30	+ 3 11.8	1.292	2.126	18.1	20.6
2 1	10 47.91	+ 3 19.4	1.233	2.138	13.7	20.4
2 11	10 40.80	+ 3 47.1	1.195	2.151	8.7	20.1
2 21	10 31.90	+ 4 30.5	1.180	2.164	3.5	19.9
3 2	10 22.54	+ 5 22.6	1.192	2.178	3.4	19.9
3 12	10 14.20	+ 6 14.6	1.228	2.192	8.4	20.2
3 22	10 8.00	+ 6 59.1	1.289	2.207	13.2	20.5
4 1	10 4.67	+ 7 30.9	1.370	2.223	17.2	20.8

66738 1999 TJ_{120} 2 24.7 63.°61 1.°3/25.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.49	+ 4 20.9	1.929	2.745	13.7	19.1
2 1	10 46.65	+ 4 33.3	1.851	2.748	10.4	18.9
2 11	10 39.80	+ 4 59.1	1.797	2.751	6.5	18.7
2 21	10 31.61	+ 5 35.2	1.769	2.754	2.5	18.4
3 2	10 22.98	+ 6 16.5	1.771	2.757	2.6	18.4
3 12	10 14.97	+ 6 57.6	1.801	2.760	6.7	18.7
3 22	10 8.41	+ 7 33.4	1.857	2.763	10.5	18.9
4 1	10 3.97	+ 8 0.1	1.937	2.766	13.8	19.1

191090 2002 CS_{302} 2 24.7 258.°78 3.°1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 48.44	− 3 23.5	2.035	2.822	14.2	20.3
2 1	10 44.45	− 2 47.0	1.939	2.813	11.2	20.1
2 11	10 38.54	− 1 48.9	1.866	2.803	7.7	19.8
2 21	10 31.28	− 0 31.8	1.819	2.794	4.3	19.6
3 2	10 23.49	+ 0 59.2	1.801	2.784	3.4	19.5
3 12	10 16.12	+ 2 36.3	1.813	2.774	6.4	19.7
3 22	10 10.03	+ 4 11.4	1.852	2.764	10.2	19.9
4 1	10 5.89	+ 5 37.6	1.915	2.754	13.6	20.1

404439 2013 GS_{98} 2 24.7 296.°78 0.°9/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.19	+ 8 18.0	1.480	2.323	15.8	20.8
2 1	10 47.15	+ 9 4.0	1.396	2.310	11.7	20.6
2 11	10 40.47	+10 6.3	1.335	2.298	7.0	20.3
2 21	10 31.86	+11 18.6	1.299	2.286	1.9	19.9
3 2	10 22.49	+12 31.9	1.290	2.274	3.9	20.0
3 12	10 13.75	+13 37.0	1.308	2.263	9.2	20.3
3 22	10 6.86	+14 26.8	1.349	2.251	14.0	20.5
4 1	10 2.70	+14 57.4	1.411	2.240	18.1	20.7

726 Joëlla 2 24.7 155.°03 6.°4/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.54	−14 20.1	2.526	3.227	13.9	15.9
2 1	10 47.05	−14 34.7	2.439	3.237	11.8	15.8
2 11	10 39.89	−14 28.1	2.374	3.246	9.5	15.6
2 21	10 31.62	−13 59.8	2.333	3.255	7.5	15.5
3 2	10 22.98	−13 11.4	2.321	3.262	6.4	15.5
3 12	10 14.79	−12 7.1	2.337	3.269	7.1	15.5
3 22	10 7.78	−10 53.0	2.381	3.275	9.0	15.6
4 1	10 2.50	− 9 35.6	2.451	3.281	11.3	15.8

78025 2002 JZ_{70} 2 24.7 244.°65 2.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.92	+12 2.2	1.838	2.674	13.5	20.6
2 1	10 48.77	+12 53.7	1.748	2.660	9.9	20.4
2 11	10 41.26	+13 55.4	1.683	2.645	5.9	20.1
2 21	10 32.06	+15 0.9	1.645	2.630	2.2	19.8
3 2	10 22.18	+16 2.5	1.636	2.615	4.3	19.9
3 12	10 12.82	+16 53.2	1.656	2.599	8.6	20.2
3 22	10 5.03	+17 28.3	1.700	2.582	12.7	20.4
4 1	9 59.61	+17 45.6	1.767	2.565	16.2	20.6

427416 2000 BN_{31} 2 24.7 344.°43 9.°6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 45.20	+13 33.3	0.824	1.716	20.1	19.7
2 1	10 44.23	+18 21.2	0.770	1.711	14.6	19.3
2 11	10 39.46	+23 42.9	0.741	1.707	10.2	19.1
2 21	10 31.71	+29 1.4	0.737	1.704	10.6	19.1
3 2	10 22.71	+33 36.4	0.758	1.701	15.5	19.3
3 12	10 14.77	+37 1.6	0.801	1.699	21.0	19.6
3 22	10 9.83	+39 11.4	0.860	1.698	25.8	19.9
4 1	10 9.09	+40 13.3	0.931	1.698	29.5	20.2

76928 2001 AP_{25} 2 24.7 153.°50 5.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 7.24	+ 0 46.6	1.287	2.089	20.0	18.0
2 1	10 59.30	− 0 25.9	1.213	2.095	15.8	17.8
2 11	10 47.85	− 1 21.7	1.160	2.101	11.0	17.5
2 21	10 33.91	− 1 59.0	1.132	2.106	6.4	17.3
3 2	10 19.14	− 2 18.3	1.132	2.110	5.9	17.3
3 12	10 5.48	− 2 23.5	1.158	2.114	10.0	17.5
3 22	9 54.49	− 2 20.6	1.210	2.117	14.8	17.8
4 1	9 47.15	− 2 16.0	1.282	2.119	19.0	18.0

173892 2001 UE_{98} 2 24.7 173.°17 4.°2/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.63	+22 1.9	2.522	3.361	10.1	20.5
2 1	10 46.41	+22 56.5	2.453	3.363	7.6	20.3
2 11	10 39.51	+23 50.5	2.411	3.364	5.2	20.2
2 21	10 31.52	+24 38.0	2.398	3.365	4.2	20.1
3 2	10 23.21	+25 13.9	2.414	3.365	5.6	20.2
3 12	10 15.44	+25 34.8	2.459	3.366	8.1	20.4
3 22	10 8.91	+25 39.4	2.529	3.366	10.6	20.5
4 1	10 4.16	+25 28.2	2.622	3.366	12.9	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
523753	2014 WV_{508}		2 24.7	0.°06	1.°3/16.5	18
	h m	° ′			°	m
1 22	10 34.80	+31 32.8	14.754	15.582	2.0	21.5
2 1	10 33.14	+31 45.7	14.694	15.582	1.6	21.5
2 11	10 31.24	+31 57.3	14.662	15.582	1.3	21.5
2 21	10 29.20	+32 6.7	14.658	15.583	1.3	21.5
3 2	10 27.12	+32 13.4	14.684	15.583	1.6	21.5
3 12	10 25.11	+32 17.0	14.737	15.583	2.0	21.5
3 22	10 23.27	+32 17.3	14.816	15.584	2.4	21.6
4 1	10 21.68	+32 14.1	14.918	15.584	2.8	21.6
430111	2013 TH_{8}		2 24.7	151.°74	2.°0/22.7	17
1 22	10 51.64	+13 0.0	2.216	3.048	11.6	21.5
2 1	10 46.55	+13 51.9	2.143	3.054	8.4	21.3
2 11	10 39.65	+14 50.3	2.097	3.059	5.0	21.1
2 21	10 31.57	+15 49.6	2.079	3.064	2.1	20.9
3 2	10 23.14	+16 43.9	2.092	3.068	3.8	21.0
3 12	10 15.28	+17 27.9	2.133	3.073	7.3	21.2
3 22	10 8.74	+17 58.6	2.201	3.076	10.5	21.4
4 1	10 4.10	+18 14.5	2.292	3.080	13.3	21.6
109357	2001 QM_{155}		2 24.7	46.°24	3.°3/26.7	18
1 22	10 56.75	+ 2 13.7	1.573	2.384	16.5	18.4
2 1	10 50.86	+ 1 36.6	1.503	2.393	12.8	18.1
2 11	10 42.45	+ 1 14.7	1.456	2.403	8.5	17.9
2 21	10 32.38	+ 1 7.0	1.434	2.412	4.4	17.7
3 2	10 21.82	+ 1 10.7	1.440	2.422	3.9	17.7
3 12	10 12.13	+ 1 20.9	1.473	2.433	7.8	17.9
3 22	10 4.38	+ 1 32.7	1.531	2.443	11.9	18.2
4 1	9 59.29	+ 1 41.4	1.612	2.454	15.5	18.4
69305	1992 EJ_{14}		2 24.7	202.°51	1.°0/25.6	18
1 22	10 53.22	+ 4 55.6	1.844	2.661	14.2	19.3
2 1	10 48.08	+ 5 11.1	1.761	2.659	10.7	19.0
2 11	10 40.75	+ 5 40.5	1.702	2.657	6.7	18.8
2 21	10 31.91	+ 6 20.3	1.670	2.655	2.4	18.5
3 2	10 22.56	+ 7 5.0	1.667	2.653	2.7	18.5
3 12	10 13.80	+ 7 48.7	1.692	2.651	7.1	18.8
3 22	10 6.61	+ 8 26.0	1.744	2.648	11.2	19.0
4 1	10 1.68	+ 8 53.0	1.818	2.645	14.7	19.2
497716	2006 SK_{131}		2 24.7	175.°26	2.°5/28.0	17
1 22	10 48.56	− 2 37.3	3.029	3.797	10.4	22.6
2 1	10 43.88	− 2 20.0	2.937	3.800	8.2	22.4
2 11	10 37.91	− 1 49.8	2.871	3.802	5.7	22.2
2 21	10 31.08	− 1 8.4	2.833	3.803	3.3	22.1
3 2	10 23.98	− 0 18.6	2.825	3.804	2.7	22.0
3 12	10 17.21	+ 0 35.5	2.848	3.805	4.7	22.2
3 22	10 11.32	+ 1 29.9	2.900	3.805	7.2	22.3
4 1	10 6.76	+ 2 20.8	2.979	3.804	9.6	22.5
265843	2005 YG_{71}		2 24.7	54.°57	2.°5/26.7	18
1 22	10 53.29	+ 1 57.7	1.853	2.660	14.6	20.7
2 1	10 48.07	+ 1 46.9	1.774	2.662	11.3	20.5
2 11	10 40.71	+ 1 51.0	1.718	2.665	7.4	20.2
2 21	10 31.90	+ 2 7.8	1.688	2.668	3.6	20.0
3 2	10 22.62	+ 2 33.7	1.687	2.671	3.2	20.0
3 12	10 13.97	+ 3 3.6	1.714	2.674	6.9	20.2
3 22	10 6.88	+ 3 32.4	1.767	2.677	10.7	20.4
4 1	10 2.02	+ 3 55.7	1.843	2.680	14.1	20.7
169276	2001 SS_{215}		2 24.7	238.°26	0.°4/24.4	17
1 22	10 50.20	+ 8 43.4	2.273	3.096	11.7	20.8
2 1	10 45.49	+ 9 10.8	2.190	3.094	8.6	20.6
2 11	10 39.04	+ 9 47.3	2.133	3.092	5.1	20.4
2 21	10 31.43	+10 28.8	2.103	3.090	1.4	20.2
3 2	10 23.43	+11 10.7	2.104	3.088	2.6	20.2
3 12	10 15.92	+11 47.9	2.134	3.086	6.3	20.5
3 22	10 9.63	+12 17.0	2.190	3.084	9.7	20.7
4 1	10 5.15	+12 35.3	2.271	3.082	12.7	20.9
363326	2002 PF_{112}		2 24.7	227.°94	0.°3/25.0	17
1 22	10 50.86	+ 3 57.6	1.965	2.780	13.6	21.7
2 1	10 46.33	+ 5 4.3	1.872	2.770	10.2	21.4
2 11	10 39.73	+ 6 29.0	1.804	2.760	6.2	21.2
2 21	10 31.66	+ 8 6.5	1.763	2.750	1.8	20.9
3 2	10 22.99	+ 9 49.0	1.753	2.739	2.8	20.9
3 12	10 14.76	+11 27.7	1.772	2.727	7.2	21.1
3 22	10 7.90	+12 55.1	1.819	2.715	11.3	21.4
4 1	10 3.14	+14 6.1	1.889	2.702	14.8	21.6
208322	2001 OS_{20}		2 24.7	108.°23	6.°3/ 3.4	18
1 22	10 51.09	−14 40.5	2.741	3.436	13.0	20.1
2 1	10 45.83	−15 6.1	2.664	3.456	11.1	20.0
2 11	10 39.10	−15 12.5	2.609	3.475	9.0	19.9
2 21	10 31.42	−14 59.2	2.580	3.494	7.2	19.8
3 2	10 23.47	−14 27.5	2.578	3.512	6.3	19.8
3 12	10 15.98	−13 41.0	2.604	3.530	6.8	19.8
3 22	10 9.57	−12 44.5	2.658	3.548	8.4	20.0
4 1	10 4.73	−11 43.6	2.738	3.565	10.3	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
426554	2013 RR_{88}		2 24.7	126.°40	0.°4/25.1	17
	h m	° ′			°	m
1 22	10 52.91	+ 6 51.7	2.104	2.921	12.7	21.7
2 1	10 47.52	+ 7 6.9	2.029	2.928	9.5	21.5
2 11	10 40.26	+ 7 32.4	1.978	2.935	5.8	21.3
2 21	10 31.76	+ 8 4.7	1.955	2.941	1.7	21.0
3 2	10 22.91	+ 8 39.2	1.962	2.948	2.5	21.1
3 12	10 14.65	+ 9 11.0	1.998	2.954	6.4	21.3
3 22	10 7.80	+ 9 36.2	2.061	2.960	10.0	21.6
4 1	10 2.93	+ 9 52.2	2.148	2.965	13.1	21.8
188711	2005 TA_{127}		2 24.7	139.°27	1.°0/25.6	18
1 22	10 51.33	+ 4 25.7	1.849	2.668	14.1	21.1
2 1	10 46.65	+ 4 52.3	1.771	2.669	10.6	20.8
2 11	10 39.88	+ 5 33.8	1.715	2.671	6.6	20.6
2 21	10 31.68	+ 6 26.2	1.687	2.672	2.3	20.3
3 2	10 23.02	+ 7 23.5	1.687	2.673	2.7	20.4
3 12	10 14.96	+ 8 19.2	1.716	2.674	7.0	20.6
3 22	10 8.42	+ 9 7.4	1.770	2.676	11.0	20.9
4 1	10 4.06	+ 9 44.1	1.848	2.677	14.4	21.1
253003	2002 RN_{40}		2 24.7	173.°69	1.°7/23.1	18
1 22	10 54.24	+12 3.5	2.135	2.962	12.2	21.8
2 1	10 48.55	+12 50.8	2.058	2.966	8.9	21.6
2 11	10 40.90	+13 45.6	2.007	2.968	5.2	21.4
2 21	10 31.95	+14 42.5	1.985	2.970	1.9	21.2
3 2	10 22.59	+15 35.1	1.993	2.972	3.7	21.3
3 12	10 13.82	+16 18.1	2.031	2.972	7.4	21.5
3 22	10 6.47	+16 48.1	2.095	2.972	10.8	21.8
4 1	10 1.16	+17 3.4	2.182	2.972	13.8	22.0
379654	2011 EF_{29}		2 24.7	161.°79	0.°7/23.9	18
1 22	10 50.42	+ 8 4.0	2.237	3.059	11.9	21.2
2 1	10 45.66	+ 9 1.5	2.159	3.063	8.7	21.0
2 11	10 39.15	+10 10.0	2.107	3.067	5.1	20.8
2 21	10 31.47	+11 24.2	2.084	3.071	1.4	20.5
3 2	10 23.42	+12 37.9	2.091	3.074	2.9	20.6
3 12	10 15.86	+13 44.8	2.128	3.077	6.6	20.9
3 22	10 9.57	+14 40.4	2.192	3.079	10.0	21.1
4 1	10 5.10	+15 21.7	2.280	3.081	12.9	21.3
217431	2005 ST_{29}		2 24.7	128.°78	1.°2/25.8	18
1 22	10 53.23	+ 4 6.1	2.061	2.869	13.3	21.6
2 1	10 47.77	+ 4 23.6	1.987	2.880	10.0	21.4
2 11	10 40.42	+ 4 54.1	1.938	2.890	6.3	21.2
2 21	10 31.82	+ 5 34.1	1.916	2.900	2.3	21.0
3 2	10 22.86	+ 6 18.8	1.924	2.910	2.5	21.0
3 12	10 14.53	+ 7 2.7	1.961	2.919	6.3	21.3
3 22	10 7.64	+ 7 41.1	2.026	2.928	10.0	21.5
4 1	10 2.76	+ 8 10.6	2.114	2.936	13.1	21.7
503454	2016 EQ_{119}		2 24.7	266.°72	0.°8/25.5	17
1 22	10 50.04	+ 3 31.0	1.918	2.734	13.8	22.3
2 1	10 45.83	+ 4 18.5	1.819	2.716	10.5	22.0
2 11	10 39.50	+ 5 24.1	1.744	2.699	6.5	21.8
2 21	10 31.63	+ 6 43.3	1.696	2.681	2.2	21.4
3 2	10 23.09	+ 8 9.5	1.677	2.663	2.7	21.4
3 12	10 14.96	+ 9 34.6	1.687	2.645	7.2	21.7
3 22	10 8.18	+10 51.2	1.724	2.626	11.4	21.9
4 1	10 3.54	+11 53.8	1.784	2.608	15.1	22.1
259522	2003 TM_{49}		2 24.7	214.°08	0.°8/24.0	17
1 22	10 55.95	+10 0.9	2.090	2.911	12.6	22.1
2 1	10 49.95	+10 29.3	2.000	2.903	9.4	21.8
2 11	10 41.84	+11 6.6	1.934	2.894	5.6	21.6
2 21	10 32.25	+11 48.4	1.897	2.884	1.5	21.3
3 2	10 22.10	+12 29.1	1.890	2.873	3.1	21.4
3 12	10 12.47	+13 3.4	1.913	2.862	7.2	21.6
3 22	10 4.27	+13 27.5	1.964	2.850	11.0	21.8
4 1	9 58.21	+13 39.3	2.037	2.837	14.3	22.0
273243	2006 KT_{40}		2 24.7	235.°45	4.°6/20.2	17
1 22	10 54.58	+22 47.6	2.292	3.131	11.0	21.5
2 1	10 48.82	+23 35.8	2.214	3.122	8.3	21.3
2 11	10 41.08	+24 22.8	2.162	3.113	5.8	21.1
2 21	10 32.02	+25 2.3	2.138	3.104	4.6	21.0
3 2	10 22.53	+25 28.7	2.143	3.095	6.2	21.1
3 12	10 13.61	+25 38.1	2.177	3.085	8.9	21.2
3 22	10 6.11	+25 29.7	2.236	3.075	11.8	21.4
4 1	10 0.66	+25 4.4	2.316	3.065	14.3	21.6
352128	2007 GZ_{40}		2 24.7	6.°12	4.°9/21.6	18
1 22	10 56.54	+17 59.7	1.305	2.164	16.5	20.5
2 1	10 51.33	+18 52.7	1.242	2.163	12.2	20.3
2 11	10 43.03	+19 50.1	1.201	2.164	7.7	20.0
2 21	10 32.62	+20 42.1	1.185	2.164	4.9	19.9
3 2	10 21.59	+21 18.6	1.194	2.164	7.2	20.0
3 12	10 11.63	+21 33.0	1.229	2.165	11.7	20.2
3 22	10 4.08	+21 23.8	1.286	2.166	16.1	20.5
4 1	9 59.73	+20 52.7	1.361	2.167	19.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
413930	2006 XW_{10}		2 24.7	89.°16	4.°7/28.6	18
	h m	° ′			°	m
1 22	10 54.79	− 4 16.8	1.834	2.612	15.8	21.0
2 1	10 49.08	− 4 37.0	1.767	2.630	12.6	20.8
2 11	10 41.26	− 4 37.3	1.722	2.649	9.1	20.6
2 21	10 32.07	− 4 18.6	1.702	2.667	5.8	20.4
3 2	10 22.53	− 3 44.1	1.710	2.685	4.8	20.4
3 12	10 13.74	− 2 59.6	1.747	2.703	7.2	20.6
3 22	10 6.59	− 2 11.5	1.810	2.720	10.5	20.8
4 1	10 1.72	− 1 25.9	1.897	2.737	13.6	21.1
262736	2006 XA_{43}		2 24.7	41.°95	1.°4/25.8	18
1 22	10 51.94	+ 4 16.6	1.493	2.323	16.3	20.5
2 1	10 47.39	+ 4 30.9	1.431	2.335	12.3	20.3
2 11	10 40.41	+ 5 2.2	1.391	2.347	7.7	20.0
2 21	10 31.86	+ 5 45.9	1.376	2.360	2.8	19.8
3 2	10 22.91	+ 6 35.5	1.387	2.374	3.0	19.8
3 12	10 14.82	+ 7 23.6	1.426	2.388	7.8	20.1
3 22	10 8.63	+ 8 4.0	1.489	2.402	12.1	20.4
4 1	10 4.98	+ 8 32.3	1.574	2.417	15.8	20.7
320637	2008 CM_{87}		2 24.7	199.°32	2.°4/22.5	18
1 22	10 55.12	+15 2.8	2.256	3.085	11.5	20.3
2 1	10 49.18	+15 44.3	2.173	3.082	8.5	20.1
2 11	10 41.30	+16 30.4	2.117	3.077	5.1	19.9
2 21	10 32.10	+17 15.8	2.090	3.072	2.5	19.7
3 2	10 22.46	+17 54.8	2.093	3.067	4.1	19.8
3 12	10 13.36	+18 22.9	2.125	3.060	7.6	20.0
3 22	10 5.63	+18 37.4	2.185	3.053	10.8	20.2
4 1	9 59.91	+18 37.7	2.267	3.046	13.7	20.4
173295	1999 TR_{229}		2 24.7	100.°98	1.°4/23.6	18
1 22	10 55.13	+10 19.0	1.721	2.554	14.4	20.5
2 1	10 49.42	+11 6.9	1.663	2.572	10.5	20.3
2 11	10 41.48	+12 4.8	1.629	2.591	6.1	20.1
2 21	10 32.14	+13 6.0	1.623	2.609	1.9	19.9
3 2	10 22.48	+14 3.2	1.645	2.627	3.7	20.0
3 12	10 13.70	+14 49.8	1.696	2.644	8.0	20.3
3 22	10 6.71	+15 21.9	1.772	2.661	11.9	20.6
4 1	10 2.13	+15 38.1	1.871	2.677	15.1	20.8
141938	2002 PV_{95}		2 24.7	270.°59	1.°2/23.7	17
1 22	10 52.55	+ 9 30.4	1.717	2.553	14.3	20.4
2 1	10 47.95	+10 17.5	1.624	2.535	10.6	20.1
2 11	10 40.91	+11 18.2	1.554	2.516	6.3	19.8
2 21	10 32.07	+12 26.6	1.510	2.497	1.8	19.5
3 2	10 22.45	+13 34.9	1.495	2.478	3.9	19.6
3 12	10 13.31	+14 34.8	1.508	2.458	8.6	19.8
3 22	10 5.77	+15 20.5	1.546	2.439	13.1	20.0
4 1	10 0.71	+15 48.6	1.605	2.419	16.9	20.2
109836	2001 RQ_{123}		2 24.7	194.°55	0.°4/24.4	16
1 22	10 52.82	+ 8 10.6	2.335	3.151	11.6	21.8
2 1	10 47.41	+ 8 48.7	2.248	3.149	8.6	21.6
2 11	10 40.22	+ 9 36.7	2.187	3.145	5.1	21.4
2 21	10 31.80	+10 30.3	2.155	3.142	1.4	21.1
3 2	10 22.97	+11 24.3	2.153	3.137	2.6	21.2
3 12	10 14.59	+12 13.3	2.182	3.132	6.4	21.5
3 22	10 7.44	+12 53.4	2.238	3.126	9.8	21.7
4 1	10 2.13	+13 21.8	2.318	3.120	12.8	21.8
127086	2002 GD_{74}		2 24.7	33.°83	1.°7/26.2	17
1 22	10 51.93	+ 3 15.3	1.932	2.743	13.9	20.0
2 1	10 47.04	+ 3 20.9	1.850	2.743	10.6	19.8
2 11	10 40.11	+ 3 40.7	1.792	2.743	6.8	19.6
2 21	10 31.79	+ 4 11.7	1.761	2.744	2.9	19.3
3 2	10 23.02	+ 4 49.7	1.759	2.744	2.7	19.3
3 12	10 14.82	+ 5 29.1	1.785	2.745	6.6	19.6
3 22	10 8.08	+ 6 4.7	1.837	2.745	10.5	19.8
4 1	10 3.45	+ 6 32.6	1.913	2.746	13.8	20.0
5646	1990 TR		2 24.7	141.°06	2.°6/22.5	18
1 22	11 1.15	+14 53.5	2.094	2.915	12.6	20.1
2 1	10 53.52	+15 45.5	2.032	2.936	9.2	19.9
2 11	10 43.80	+16 41.9	1.996	2.955	5.5	19.7
2 21	10 32.77	+17 36.1	1.990	2.973	2.7	19.5
3 2	10 21.47	+18 21.6	2.016	2.989	4.4	19.7
3 12	10 10.99	+18 54.0	2.072	3.004	7.9	19.9
3 22	10 2.21	+19 11.0	2.155	3.018	11.2	20.2
4 1	9 55.73	+19 12.6	2.262	3.030	14.0	20.4
107691	2001 FE_{14}		2 24.7	27.°85	2.°9/22.9	18
1 22	10 55.57	+14 46.7	1.399	2.251	16.0	19.6
2 1	10 50.33	+15 15.0	1.336	2.255	11.7	19.3
2 11	10 42.30	+15 49.8	1.295	2.260	7.0	19.1
2 21	10 32.42	+16 23.6	1.280	2.265	3.1	18.8
3 2	10 22.04	+16 48.8	1.292	2.270	5.2	19.0
3 12	10 12.68	+16 59.5	1.329	2.276	9.9	19.2
3 22	10 5.51	+16 53.5	1.390	2.283	14.3	19.5
4 1	10 1.27	+16 30.7	1.471	2.289	18.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
205263	2000 ST_{30}		2 24.7	117.°63	2.°8/22.6	18
	h m	° ′			°	m
1 22	10 57.29	+14 29.3	1.665	2.504	14.4	20.6
2 1	10 51.15	+15 14.1	1.604	2.518	10.6	20.4
2 11	10 42.59	+16 5.0	1.568	2.530	6.3	20.2
2 21	10 32.47	+16 54.7	1.559	2.543	2.9	20.0
3 2	10 21.98	+17 35.8	1.579	2.555	4.9	20.1
3 12	10 12.43	+18 2.7	1.626	2.566	9.0	20.4
3 22	10 4.81	+18 12.8	1.698	2.577	12.9	20.7
4 1	9 59.80	+18 6.2	1.792	2.588	16.1	20.9
251575	2009 FE_{25}		2 24.7	242.°91	1.°9/23.3	18
1 22	10 55.29	+12 23.4	1.712	2.550	14.2	21.1
2 1	10 49.87	+12 56.3	1.630	2.542	10.5	20.9
2 11	10 41.98	+13 37.8	1.571	2.534	6.2	20.6
2 21	10 32.35	+14 22.1	1.540	2.526	2.2	20.3
3 2	10 22.09	+15 2.0	1.537	2.517	4.2	20.4
3 12	10 12.49	+15 31.4	1.561	2.508	8.7	20.7
3 22	10 4.64	+15 46.5	1.611	2.499	12.9	20.9
4 1	9 59.34	+15 45.9	1.682	2.490	16.5	21.1
83525	2001 SO_{149}		2 24.7	211.°94	0.°6/25.4	18
1 22	10 50.83	+ 6 5.9	2.402	3.214	11.5	19.4
2 1	10 45.88	+ 6 18.5	2.316	3.212	8.6	19.2
2 11	10 39.27	+ 6 40.8	2.255	3.210	5.3	19.0
2 21	10 31.55	+ 7 10.0	2.222	3.208	1.8	18.8
3 2	10 23.45	+ 7 42.1	2.220	3.205	2.2	18.8
3 12	10 15.81	+ 8 13.0	2.247	3.203	5.8	19.0
3 22	10 9.33	+ 8 39.0	2.301	3.200	9.1	19.2
4 1	10 4.56	+ 8 57.3	2.380	3.198	12.0	19.4
59672	1999 JG_{100}		2 24.7	275.°68	0.°9/23.9	18
1 22	10 49.25	+ 7 11.4	1.917	2.746	13.3	19.3
2 1	10 45.28	+ 8 23.2	1.820	2.728	9.9	19.0
2 11	10 39.21	+ 9 51.4	1.749	2.710	5.9	18.7
2 21	10 31.60	+11 29.9	1.705	2.692	1.6	18.4
3 2	10 23.33	+13 10.6	1.691	2.674	3.4	18.5
3 12	10 15.46	+14 44.3	1.705	2.655	7.9	18.7
3 22	10 8.94	+16 4.0	1.746	2.636	12.0	18.9
4 1	10 4.55	+17 5.0	1.810	2.618	15.5	19.1
343048	2009 BU_{166}		2 24.7	57.°01	2.°1/22.9	17
1 22	10 53.00	+14 52.6	2.155	2.991	11.8	20.9
2 1	10 47.57	+15 15.0	2.087	2.998	8.6	20.7
2 11	10 40.29	+15 41.2	2.043	3.005	5.1	20.5
2 21	10 31.83	+16 6.4	2.028	3.012	2.2	20.3
3 2	10 23.07	+16 26.0	2.042	3.020	3.8	20.4
3 12	10 14.95	+16 36.2	2.085	3.027	7.2	20.6
3 22	10 8.27	+16 35.1	2.155	3.035	10.5	20.8
4 1	10 3.56	+16 22.1	2.247	3.042	13.3	21.0
41513	2000 QL_{180}		2 24.7	90.°03	1.°0/24.1	18
1 22	10 57.58	+10 13.7	1.584	2.417	15.4	18.8
2 1	10 51.35	+10 39.5	1.528	2.437	11.3	18.6
2 11	10 42.68	+11 15.2	1.496	2.457	6.6	18.3
2 21	10 32.49	+11 54.8	1.490	2.477	1.8	18.1
3 2	10 22.02	+12 31.5	1.512	2.496	3.6	18.2
3 12	10 12.55	+12 59.5	1.563	2.515	8.2	18.5
3 22	10 5.10	+13 15.2	1.638	2.533	12.4	18.8
4 1	10 0.28	+13 17.3	1.736	2.551	15.8	19.1
36067	1999 RD_{50}		2 24.7	186.°88	1.°4/26.5	18
1 22	10 48.70	+ 2 9.6	2.864	3.656	10.3	20.0
2 1	10 44.08	+ 2 27.5	2.773	3.656	7.9	19.8
2 11	10 38.11	+ 2 56.2	2.709	3.655	5.1	19.6
2 21	10 31.22	+ 3 33.5	2.673	3.654	2.3	19.4
3 2	10 24.04	+ 4 16.2	2.668	3.652	2.0	19.4
3 12	10 17.20	+ 5 0.1	2.693	3.651	4.8	19.6
3 22	10 11.30	+ 5 41.7	2.747	3.649	7.7	19.8
4 1	10 6.80	+ 6 17.7	2.826	3.647	10.2	19.9
192001	Raynatedford		2 24.7	103.°24	1.°1/25.7	17
1 22	10 52.47	+ 5 4.9	1.956	2.772	13.6	20.4
2 1	10 47.39	+ 5 14.4	1.877	2.774	10.2	20.1
2 11	10 40.30	+ 5 36.4	1.822	2.777	6.4	19.9
2 21	10 31.86	+ 6 7.7	1.795	2.779	2.3	19.6
3 2	10 22.99	+ 6 43.6	1.796	2.782	2.6	19.7
3 12	10 14.72	+ 7 18.8	1.826	2.784	6.7	19.9
3 22	10 7.91	+ 7 48.7	1.882	2.787	10.5	20.2
4 1	10 3.21	+ 8 9.8	1.962	2.789	13.8	20.4
359837	2011 UX_{333}		2 24.8	202.°35	0.°4/25.1	18
1 22	10 53.04	+ 4 43.2	1.752	2.571	14.7	21.3
2 1	10 48.13	+ 5 31.9	1.668	2.568	11.1	21.0
2 11	10 40.91	+ 6 38.0	1.608	2.565	6.8	20.8
2 21	10 32.07	+ 7 56.2	1.574	2.561	2.1	20.5
3 2	10 22.63	+ 9 18.9	1.570	2.556	2.9	20.5
3 12	10 13.78	+10 37.4	1.595	2.551	7.7	20.8
3 22	10 6.54	+11 44.7	1.645	2.545	12.0	21.0
4 1	10 1.67	+12 36.3	1.718	2.539	15.7	21.3

133528 Ceragioli 2 24.8 154.°22 0.°1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.42	+ 7 27.5	2.258	3.076	11.9	20.4
2 1	10 46.39	+ 7 55.0	2.180	3.080	8.8	20.2
2 11	10 39.60	+ 8 32.4	2.126	3.084	5.3	20.0
2 21	10 31.66	+ 9 15.8	2.101	3.087	1.5	19.8
3 2	10 23.36	+10 0.4	2.105	3.091	2.4	19.8
3 12	10 15.58	+10 41.1	2.140	3.094	6.2	20.1
3 22	10 9.07	+11 14.2	2.201	3.096	9.6	20.3
4 1	10 4.39	+11 37.0	2.287	3.099	12.6	20.5

271050 2003 FW_{33} 2 24.8 219.°17 2.°7/22.2 16

1 22	10 53.87	+15 50.5	2.164	2.999	11.7	21.4
2 1	10 48.37	+16 34.4	2.082	2.993	8.6	21.2
2 11	10 40.88	+17 22.9	2.025	2.986	5.2	20.9
2 21	10 32.04	+18 10.1	1.997	2.978	2.8	20.8
3 2	10 22.72	+18 50.2	1.998	2.971	4.5	20.9
3 12	10 13.94	+19 18.2	2.029	2.962	7.9	21.1
3 22	10 6.56	+19 31.5	2.085	2.954	11.3	21.2
4 1	10 1.23	+19 29.5	2.164	2.945	14.2	21.4

49367 1998 WK_{19} 2 24.8 63.°93 7.°5/ 1.5 18

1 22	10 54.39	− 9 28.5	1.674	2.433	17.9	17.0
2 1	10 49.11	−10 19.9	1.603	2.445	14.9	16.8
2 11	10 41.45	−10 46.9	1.553	2.458	11.6	16.6
2 21	10 32.21	−10 47.8	1.527	2.471	8.7	16.5
3 2	10 22.46	−10 24.0	1.526	2.484	7.5	16.4
3 12	10 13.46	− 9 40.8	1.552	2.497	8.9	16.5
3 22	10 6.23	− 8 46.1	1.602	2.510	11.7	16.7
4 1	10 1.49	− 7 47.9	1.675	2.524	14.8	17.0

383682 2007 TC_{244} 2 24.8 112.°15 0.°8/23.9 17

1 22	10 52.88	+11 7.7	2.381	3.204	11.2	20.9
2 1	10 47.30	+11 26.4	2.310	3.215	8.2	20.7
2 11	10 40.07	+11 51.1	2.265	3.225	4.8	20.5
2 21	10 31.78	+12 18.1	2.249	3.236	1.4	20.3
3 2	10 23.22	+12 43.1	2.263	3.246	2.7	20.4
3 12	10 15.23	+13 2.3	2.307	3.256	6.2	20.7
3 22	10 8.52	+13 13.3	2.379	3.266	9.3	20.9
4 1	10 3.60	+13 14.7	2.474	3.275	12.0	21.1

496091 2009 SU_{255} 2 24.8 125.°50 5.°1/ 1.5 18

1 22	10 52.25	− 9 52.6	2.437	3.170	13.6	21.9
2 1	10 46.83	− 9 53.9	2.360	3.188	11.2	21.8
2 11	10 39.79	− 9 35.5	2.306	3.206	8.5	21.6
2 21	10 31.71	− 8 58.1	2.278	3.223	6.1	21.5
3 2	10 23.33	− 8 4.4	2.278	3.240	5.1	21.5
3 12	10 15.48	− 6 59.5	2.309	3.255	6.3	21.6
3 22	10 8.84	− 5 49.4	2.367	3.271	8.7	21.7
4 1	10 3.94	− 4 39.9	2.451	3.285	11.1	21.9

302519 2002 JL_{79} 2 24.8 1.°03 3.°1/26.9 18

1 22	10 50.14	+ 0 58.0	1.256	2.089	18.6	19.7
2 1	10 46.62	+ 1 0.0	1.185	2.087	14.5	19.4
2 11	10 40.28	+ 1 25.6	1.133	2.086	9.6	19.1
2 21	10 31.94	+ 2 11.8	1.105	2.086	4.6	18.8
3 2	10 22.91	+ 3 12.1	1.101	2.086	3.9	18.8
3 12	10 14.71	+ 4 16.9	1.122	2.088	8.7	19.0
3 22	10 8.61	+ 5 16.8	1.166	2.090	13.7	19.3
4 1	10 5.46	+ 6 4.7	1.231	2.094	18.1	19.6

15207 1979 KD 2 24.8 280.°30 0.°4/24.4 18

1 22	10 50.00	+ 6 50.1	1.800	2.630	14.0	17.2
2 1	10 45.95	+ 7 44.0	1.707	2.614	10.4	16.9
2 11	10 39.67	+ 8 53.9	1.638	2.598	6.3	16.6
2 21	10 31.77	+10 14.5	1.595	2.582	1.7	16.3
3 2	10 23.20	+11 38.0	1.581	2.566	3.2	16.4
3 12	10 15.08	+12 55.8	1.596	2.550	7.9	16.6
3 22	10 8.44	+14 1.2	1.636	2.534	12.2	16.8
4 1	10 4.05	+14 49.6	1.698	2.517	15.9	17.0

295988 2008 YC_{68} 2 24.8 15.°22 3.°2/21.4 17

1 22	10 48.83	+15 36.2	2.061	2.907	11.8	20.9
2 1	10 44.71	+16 47.6	1.991	2.908	8.6	20.7
2 11	10 38.71	+18 4.7	1.947	2.909	5.3	20.5
2 21	10 31.46	+19 20.7	1.931	2.911	3.2	20.4
3 2	10 23.81	+20 28.2	1.944	2.913	5.0	20.5
3 12	10 16.72	+21 21.4	1.985	2.915	8.3	20.7
3 22	10 10.99	+21 56.9	2.051	2.917	11.6	20.9
4 1	10 7.23	+22 13.9	2.139	2.919	14.3	21.1

403843 2011 UF_{278} 2 24.8 204.°31 3.°1/27.4 17

1 22	10 55.04	− 0 59.8	2.000	2.786	14.4	22.7
2 1	10 49.40	− 0 55.7	1.906	2.781	11.3	22.5
2 11	10 41.60	− 0 34.2	1.836	2.775	7.7	22.3
2 21	10 32.29	+ 0 2.9	1.793	2.769	4.2	22.1
3 2	10 22.39	+ 0 51.9	1.779	2.761	3.5	22.0
3 12	10 12.97	+ 1 46.6	1.795	2.753	6.8	22.2
3 22	10 4.99	+ 2 41.1	1.838	2.744	10.6	22.4
4 1	9 59.18	+ 3 29.7	1.905	2.735	14.0	22.6

170265 2003 QH_{66} 2 24.8 233.°47 0.°4/25.1 17

	h m	° ′			°	m
1 22	10 54.79	+ 6 3.0	1.941	2.756	13.7	21.2
2 1	10 49.34	+ 6 28.9	1.845	2.743	10.3	21.0
2 11	10 41.64	+ 7 8.3	1.773	2.729	6.4	20.7
2 21	10 32.33	+ 7 57.2	1.729	2.715	2.0	20.4
3 2	10 22.34	+ 8 50.0	1.714	2.699	2.8	20.4
3 12	10 12.80	+ 9 40.2	1.728	2.683	7.3	20.7
3 22	10 4.74	+10 22.6	1.769	2.667	11.4	20.9
4 1	9 58.91	+10 53.2	1.833	2.649	15.0	21.1

362122 2009 DD_{12} 2 24.8 31.°08 0.°7/24.3 18

1 22	10 51.63	+ 8 7.5	1.221	2.074	17.8	20.8
2 1	10 47.66	+ 8 47.1	1.164	2.082	13.1	20.6
2 11	10 40.83	+ 9 43.6	1.127	2.091	7.8	20.3
2 21	10 32.09	+10 49.2	1.114	2.101	2.1	20.0
3 2	10 22.85	+11 54.0	1.127	2.112	4.0	20.1
3 12	10 14.65	+12 48.7	1.165	2.123	9.5	20.5
3 22	10 8.69	+13 26.8	1.225	2.135	14.4	20.8
4 1	10 5.71	+13 45.5	1.305	2.148	18.5	21.1

6231 Hundertwasser 2 24.8 328.°13 0.°9/25.5 18

1 22	10 47.24	+ 2 46.5	1.391	2.227	16.9	17.1
2 1	10 44.38	+ 3 40.6	1.307	2.215	12.9	16.8
2 11	10 38.94	+ 4 59.6	1.245	2.204	8.1	16.5
2 21	10 31.61	+ 6 37.8	1.207	2.193	2.7	16.1
3 2	10 23.53	+ 8 25.6	1.196	2.183	3.3	16.1
3 12	10 16.06	+10 10.9	1.211	2.174	8.7	16.4
3 22	10 10.41	+11 43.0	1.250	2.165	13.8	16.7
4 1	10 7.46	+12 54.7	1.310	2.157	18.1	16.9

163708 2003 FF_{117} 2 24.8 303.°95 1.°1/23.9 18

1 22	10 50.71	+ 8 6.8	1.342	2.190	16.7	19.7
2 1	10 47.13	+ 8 59.0	1.258	2.175	12.5	19.4
2 11	10 40.70	+10 10.2	1.195	2.160	7.5	19.1
2 21	10 32.13	+11 33.4	1.158	2.145	2.0	18.7
3 2	10 22.66	+12 58.3	1.146	2.130	4.3	18.8
3 12	10 13.84	+14 13.8	1.160	2.116	9.9	19.1
3 22	10 7.00	+15 11.7	1.197	2.102	15.1	19.3
4 1	10 3.12	+15 47.5	1.254	2.089	19.5	19.6

200593 2001 RT_{57} 2 24.8 252.°68 1.°6/23.5 18

1 22	10 54.94	+10 23.8	1.610	2.447	15.0	20.9
2 1	10 49.91	+11 11.7	1.520	2.431	11.1	20.6
2 11	10 42.21	+12 12.9	1.453	2.415	6.6	20.3
2 21	10 32.53	+13 20.8	1.412	2.399	2.1	20.0
3 2	10 22.01	+14 27.0	1.400	2.382	4.3	20.1
3 12	10 12.05	+15 22.9	1.416	2.364	9.2	20.3
3 22	10 3.87	+16 2.7	1.455	2.346	13.9	20.6
4 1	9 58.39	+16 23.6	1.516	2.328	17.8	20.8

166146 2002 EP_{12} 2 24.8 307.°87 4.°2/28.2 18

1 22	10 49.26	− 3 56.5	1.484	2.288	17.7	19.8
2 1	10 45.73	− 3 35.0	1.398	2.280	14.1	19.5
2 11	10 39.69	− 2 45.7	1.333	2.272	9.9	19.3
2 21	10 31.82	− 1 30.5	1.291	2.265	5.7	19.0
3 2	10 23.22	+ 0 4.3	1.275	2.258	4.4	18.9
3 12	10 15.22	+ 1 48.6	1.286	2.251	8.1	19.1
3 22	10 8.97	+ 3 31.0	1.322	2.244	12.6	19.3
4 1	10 5.33	+ 5 2.1	1.380	2.238	16.8	19.5

518975 2010 HD_{66} 2 24.8 315.°07 5.°5/29.3 17

1 22	10 52.35	− 6 42.7	2.286	3.040	13.8	21.0
2 1	10 47.22	− 7 29.3	2.189	3.033	11.3	20.8
2 11	10 40.23	− 7 59.8	2.116	3.025	8.7	20.6
2 21	10 31.92	− 8 13.5	2.068	3.018	6.3	20.5
3 2	10 23.09	− 8 10.7	2.049	3.010	5.5	20.4
3 12	10 14.63	− 7 54.6	2.058	3.003	7.0	20.5
3 22	10 7.37	− 7 29.3	2.094	2.997	9.7	20.6
4 1	10 1.97	− 7 0.1	2.154	2.990	12.4	20.8

172552 2003 UL_{95} 2 24.8 69.°88 1.°7/23.6 18

1 22	10 54.94	+11 19.7	1.493	2.336	15.6	20.4
2 1	10 49.66	+11 56.5	1.433	2.348	11.4	20.1
2 11	10 41.84	+12 43.6	1.396	2.360	6.7	19.9
2 21	10 32.36	+13 33.7	1.385	2.372	2.1	19.6
3 2	10 22.48	+14 19.3	1.402	2.384	4.2	19.8
3 12	10 13.55	+14 53.4	1.445	2.396	8.9	20.1
3 22	10 6.64	+15 12.4	1.513	2.408	13.2	20.4
4 1	10 2.42	+15 14.9	1.601	2.420	16.7	20.6

282047 1999 FC_{12} 2 24.8 264.°15 0.°7/25.4 18

1 22	10 50.73	+ 4 42.5	1.902	2.721	13.8	20.7
2 1	10 46.34	+ 5 17.9	1.810	2.709	10.4	20.4
2 11	10 39.84	+ 6 8.8	1.741	2.698	6.4	20.2
2 21	10 31.84	+ 7 11.2	1.700	2.686	2.1	19.8
3 2	10 23.23	+ 8 18.9	1.688	2.674	2.7	19.9
3 12	10 15.09	+ 9 24.7	1.704	2.661	7.1	20.1
3 22	10 8.36	+10 22.4	1.746	2.649	11.2	20.3
4 1	10 3.78	+11 7.3	1.811	2.637	14.8	20.5

6081 Cloutis 2 24.8 178.°14 0.°6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.28	+ 4 15.0	2.149	2.957	12.8	19.5
2 1	10 47.16	+ 4 59.1	2.066	2.960	9.6	19.3
2 11	10 40.16	+ 5 57.3	2.007	2.961	5.9	19.0
2 21	10 31.90	+ 7 5.4	1.976	2.962	1.9	18.8
3 2	10 23.19	+ 8 17.4	1.976	2.962	2.4	18.8
3 12	10 14.99	+ 9 26.8	2.006	2.961	6.4	19.1
3 22	10 8.11	+10 28.0	2.063	2.960	10.1	19.3
4 1	10 3.17	+11 17.1	2.145	2.959	13.2	19.5

245990 2006 SF_{270} 2 24.8 66.°88 4.°1/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.63	− 5 26.5	2.243	3.013	13.5	20.5
2 1	10 44.39	− 5 21.9	2.161	3.019	10.9	20.4
2 11	10 38.46	− 4 58.7	2.101	3.025	7.9	20.2
2 21	10 31.42	− 4 18.3	2.068	3.031	5.1	20.0
3 2	10 24.01	− 3 24.1	2.062	3.037	4.1	20.0
3 12	10 17.07	− 2 21.4	2.086	3.043	6.1	20.1
3 22	10 11.34	− 1 16.3	2.137	3.049	9.0	20.3
4 1	10 7.36	− 0 14.4	2.213	3.056	11.8	20.5

46502 3084 $T\text{-}_3$ 2 24.8 177.°88 0.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.98	+ 8 11.7	1.675	2.500	15.0	20.6
2 1	10 51.11	+ 8 50.4	1.598	2.503	11.2	20.4
2 11	10 42.74	+ 9 42.5	1.545	2.504	6.7	20.1
2 21	10 32.65	+10 42.0	1.518	2.505	1.8	19.8
3 2	10 21.99	+11 41.5	1.521	2.505	3.4	19.9
3 12	10 12.06	+12 33.5	1.552	2.505	8.2	20.2
3 22	10 3.96	+13 12.7	1.609	2.503	12.6	20.5
4 1	9 58.45	+13 36.3	1.688	2.501	16.3	20.7

366770 2004 RF_{217} 2 24.8 95.°42 3.°3/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.39	− 1 45.2	2.200	2.977	13.6	20.8
2 1	10 49.20	− 1 57.6	2.135	3.002	10.6	20.6
2 11	10 41.23	− 1 54.8	2.094	3.027	7.3	20.4
2 21	10 32.17	− 1 38.3	2.080	3.051	4.3	20.3
3 2	10 22.87	− 1 11.2	2.096	3.075	3.6	20.3
3 12	10 14.25	− 0 38.0	2.142	3.098	6.0	20.5
3 22	10 7.04	− 0 3.5	2.216	3.121	9.1	20.7
4 1	10 1.77	+ 0 28.1	2.314	3.143	11.9	20.9

27199 1999 CE_{67} 2 24.8 63.°22 7.°5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.31	− 9 38.7	1.672	2.430	17.9	17.2
2 1	10 49.06	−10 28.1	1.603	2.445	14.9	17.0
2 11	10 41.46	−10 52.7	1.555	2.459	11.6	16.8
2 21	10 32.29	−10 51.0	1.530	2.474	8.7	16.7
3 2	10 22.65	−10 24.6	1.530	2.488	7.5	16.6
3 12	10 13.75	− 9 39.0	1.557	2.503	8.9	16.8
3 22	10 6.63	− 8 42.0	1.609	2.518	11.7	17.0
4 1	10 1.98	− 7 42.1	1.684	2.533	14.7	17.2

256117 2006 UW_{327} 2 24.8 212.°94 0.°9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.50	+ 4 32.4	2.120	2.927	13.0	22.1
2 1	10 48.17	+ 4 58.0	2.027	2.920	9.8	21.9
2 11	10 40.84	+ 5 36.9	1.960	2.913	6.1	21.7
2 21	10 32.12	+ 6 25.7	1.920	2.905	2.1	21.4
3 2	10 22.87	+ 7 19.3	1.910	2.896	2.5	21.4
3 12	10 14.08	+ 8 11.9	1.929	2.886	6.5	21.6
3 22	10 6.61	+ 8 58.4	1.977	2.876	10.3	21.8
4 1	10 1.16	+ 9 34.7	2.048	2.865	13.6	22.0

359103 Ottopiene 2 24.8 179.°74 1.°5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.42	+ 4 29.0	1.974	2.776	14.0	21.5
2 1	10 51.84	+ 4 26.7	1.889	2.778	10.6	21.3
2 11	10 43.04	+ 4 36.5	1.829	2.779	6.7	21.0
2 21	10 32.73	+ 4 56.0	1.796	2.780	2.7	20.8
3 2	10 21.91	+ 5 21.0	1.794	2.779	2.7	20.8
3 12	10 11.70	+ 5 46.8	1.822	2.778	6.8	21.0
3 22	10 3.08	+ 6 8.9	1.877	2.776	10.8	21.3
4 1	9 56.75	+ 6 24.1	1.955	2.774	14.1	21.5

279104 2008 YA_{157} 2 24.8 185.°41 2.°9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.79	− 0 55.6	2.463	3.243	12.2	21.1
2 1	10 46.60	− 1 6.4	2.373	3.243	9.6	21.0
2 11	10 39.75	− 1 4.0	2.308	3.243	6.6	20.8
2 21	10 31.80	− 0 49.7	2.270	3.242	3.8	20.6
3 2	10 23.45	− 0 25.9	2.262	3.242	3.2	20.5
3 12	10 15.53	+ 0 3.7	2.284	3.241	5.6	20.7
3 22	10 8.74	+ 0 34.7	2.334	3.240	8.6	20.9
4 1	10 3.64	+ 1 3.4	2.408	3.238	11.4	21.1

171965 2001 TZ_{89} 2 24.8 207.°93 1.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.92	+ 1 20.4	2.593	3.384	11.3	20.4
2 1	10 45.17	+ 1 31.4	2.500	3.381	8.7	20.2
2 11	10 38.88	+ 1 54.8	2.433	3.377	5.7	20.0
2 21	10 31.56	+ 2 28.2	2.393	3.373	2.8	19.8
3 2	10 23.85	+ 3 8.5	2.384	3.368	2.4	19.8
3 12	10 16.53	+ 3 51.3	2.405	3.363	5.3	20.0
3 22	10 10.24	+ 4 32.4	2.454	3.359	8.3	20.2
4 1	10 5.52	+ 5 8.3	2.528	3.353	11.1	20.3

363089 2000 SF_{93} 2 24.8 142.°90 3.°1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.99	− 3 53.1	2.619	3.381	12.0	21.5
2 1	10 46.58	− 3 39.8	2.539	3.396	9.5	21.3
2 11	10 39.65	− 3 11.1	2.482	3.409	6.7	21.1
2 21	10 31.75	− 2 28.9	2.454	3.422	4.0	21.0
3 2	10 23.57	− 1 36.4	2.456	3.433	3.3	21.0
3 12	10 15.84	− 0 38.4	2.489	3.445	5.3	21.1
3 22	10 9.22	+ 0 20.2	2.550	3.455	8.1	21.3
4 1	10 4.20	+ 1 15.0	2.638	3.465	10.7	21.5

373081 2011 FL_{95} 2 24.8 139.°53 2.°0/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.43	+ 0 51.2	2.158	2.956	13.1	21.3
2 1	10 45.77	+ 1 15.1	2.077	2.961	10.1	21.1
2 11	10 39.32	+ 1 54.5	2.020	2.966	6.6	20.9
2 21	10 31.69	+ 2 46.5	1.991	2.971	3.1	20.7
3 2	10 23.67	+ 3 46.2	1.991	2.976	2.6	20.6
3 12	10 16.16	+ 4 47.7	2.020	2.980	6.0	20.9
3 22	10 9.94	+ 5 45.4	2.077	2.984	9.5	21.1
4 1	10 5.57	+ 6 34.8	2.158	2.988	12.6	21.3

352897 2008 YP_{66} 2 24.8 112.°12 4.°8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.40	− 4 50.0	1.571	2.358	17.7	21.0
2 1	10 49.22	− 4 46.6	1.502	2.371	14.1	20.8
2 11	10 41.60	− 4 18.1	1.453	2.384	10.0	20.5
2 21	10 32.35	− 3 26.4	1.428	2.397	6.2	20.4
3 2	10 22.61	− 2 16.7	1.431	2.409	4.9	20.3
3 12	10 13.68	− 0 57.6	1.461	2.421	7.8	20.5
3 22	10 6.61	+ 0 21.8	1.517	2.432	11.7	20.7
4 1	10 2.10	+ 1 33.6	1.595	2.443	15.4	21.0

96095 2095 $T\text{-}_2$ 2 24.8 130.°51 0.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.53	+ 6 52.0	2.064	2.883	12.9	20.5
2 1	10 47.36	+ 7 19.4	1.990	2.891	9.6	20.3
2 11	10 40.28	+ 7 57.9	1.940	2.898	5.8	20.1
2 21	10 31.95	+ 8 43.4	1.919	2.905	1.7	19.8
3 2	10 23.26	+ 9 30.6	1.927	2.912	2.5	19.9
3 12	10 15.16	+10 14.0	1.963	2.919	6.6	20.2
3 22	10 8.48	+10 49.2	2.027	2.925	10.2	20.4
4 1	10 3.79	+11 13.5	2.115	2.931	13.3	20.6

453291 2008 TA_{174} 2 24.8 68.°46 1.°0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.31	+ 4 11.4	1.352	2.185	17.5	22.0
2 1	10 48.73	+ 4 43.6	1.288	2.194	13.2	21.7
2 11	10 41.44	+ 5 35.7	1.246	2.204	8.2	21.5
2 21	10 32.32	+ 6 42.0	1.227	2.213	2.7	21.2
3 2	10 22.67	+ 7 53.9	1.236	2.223	3.3	21.2
3 12	10 13.96	+ 9 1.7	1.271	2.232	8.6	21.6
3 22	10 7.33	+ 9 57.8	1.330	2.242	13.3	21.8
4 1	10 3.54	+10 37.4	1.409	2.251	17.4	22.1

18627 Rogerbonnet 2 24.8 154.°19 5.°8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.17	+22 2.7	1.669	2.517	14.0	17.7
2 1	10 51.31	+23 13.5	1.607	2.521	10.5	17.5
2 11	10 42.86	+24 24.1	1.570	2.525	7.2	17.3
2 21	10 32.70	+25 24.7	1.560	2.528	5.9	17.2
3 2	10 22.06	+26 7.0	1.578	2.531	7.8	17.4
3 12	10 12.33	+26 25.8	1.621	2.534	11.1	17.6
3 22	10 4.60	+26 20.5	1.688	2.536	14.5	17.8
4 1	9 59.59	+25 53.3	1.775	2.538	17.5	18.0

382514 2001 ST_{102} 2 24.8 66.°23 3.°7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.17	− 6 10.5	2.186	2.952	14.0	20.5
2 1	10 44.68	− 5 40.2	2.123	2.980	11.1	20.4
2 11	10 38.56	− 4 49.9	2.084	3.008	7.9	20.2
2 21	10 31.45	− 3 42.2	2.071	3.036	4.9	20.1
3 2	10 24.12	− 2 22.2	2.087	3.063	3.8	20.1
3 12	10 17.41	− 0 56.6	2.132	3.091	5.8	20.3
3 22	10 11.97	+ 0 27.7	2.206	3.118	8.8	20.5
4 1	10 8.31	+ 1 44.9	2.304	3.145	11.5	20.7

39867 1998 DG_{24} 2 24.8 272.°79 0.°8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.00	+ 7 44.3	1.658	2.492	14.8	20.0
2 1	10 47.69	+ 8 36.7	1.563	2.473	11.1	19.7
2 11	10 40.88	+ 9 45.8	1.492	2.453	6.6	19.4
2 21	10 32.22	+11 5.5	1.447	2.434	1.8	19.1
3 2	10 22.73	+12 27.6	1.430	2.414	3.7	19.1
3 12	10 13.70	+13 42.8	1.441	2.394	8.7	19.4
3 22	10 6.29	+14 43.8	1.477	2.374	13.3	19.6
4 1	10 1.40	+15 26.2	1.534	2.353	17.3	19.8

31551 1999 DV_7 2 24.8 350.°15 4.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.22	+17 18.8	1.131	1.997	17.9	17.7
2 1	10 51.56	+17 35.8	1.065	1.991	13.3	17.4
2 11	10 43.45	+17 56.6	1.020	1.985	8.2	17.1
2 21	10 32.94	+18 12.6	0.998	1.981	4.3	16.9
3 2	10 21.67	+18 15.3	1.000	1.978	6.6	17.0
3 12	10 11.55	+17 59.0	1.026	1.976	11.8	17.3
3 22	10 4.09	+17 22.8	1.073	1.974	16.8	17.5
4 1	10 0.17	+16 28.5	1.139	1.974	21.0	17.8

496903 2001 QJ_{144} 2 24.8 171.°08 0.°1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.84	+ 6 58.7	2.791	3.601	10.1	22.7
2 1	10 44.98	+ 7 30.5	2.708	3.604	7.5	22.5
2 11	10 38.71	+ 8 10.9	2.651	3.607	4.5	22.3
2 21	10 31.51	+ 8 56.5	2.623	3.609	1.3	22.1
3 2	10 24.01	+ 9 43.4	2.626	3.611	2.0	22.1
3 12	10 16.91	+10 27.4	2.659	3.612	5.2	22.3
3 22	10 10.79	+11 5.2	2.722	3.613	8.1	22.5
4 1	10 6.14	+11 34.2	2.809	3.614	10.7	22.7

310383 1995 SM 2 24.8 99.°28 0.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.87	+ 6 44.3	1.771	2.591	14.6	21.3
2 1	10 49.93	+ 7 15.9	1.712	2.614	10.8	21.1
2 11	10 41.83	+ 8 0.1	1.678	2.635	6.5	20.9
2 21	10 32.38	+ 8 51.5	1.670	2.657	1.8	20.7
3 2	10 22.66	+ 9 43.7	1.692	2.678	2.8	20.8
3 12	10 13.79	+10 30.5	1.743	2.698	7.2	21.1
3 22	10 6.68	+11 7.0	1.820	2.718	11.1	21.4
4 1	10 1.90	+11 30.8	1.920	2.737	14.4	21.6

224674 2006 AS_{55} 2 24.8 91.°50 1.°4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.62	+11 7.8	1.889	2.723	13.2	20.5
2 1	10 47.58	+11 46.2	1.820	2.731	9.7	20.3
2 11	10 40.48	+12 33.2	1.776	2.738	5.7	20.1
2 21	10 32.03	+13 23.4	1.759	2.745	1.8	19.8
3 2	10 23.19	+14 10.2	1.771	2.752	3.6	20.0
3 12	10 15.04	+14 48.1	1.811	2.760	7.6	20.2
3 22	10 8.45	+15 13.3	1.877	2.767	11.3	20.5
4 1	10 4.04	+15 24.1	1.966	2.774	14.5	20.7

354063 2001 TD_{119} 2 24.8 178.°71 6.°7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 8.27	+27 3.5	1.785	2.613	14.2	20.8
2 1	10 59.38	+27 36.8	1.717	2.615	11.0	20.6
2 11	10 47.62	+28 2.4	1.674	2.616	8.0	20.5
2 21	10 34.02	+28 11.8	1.658	2.617	6.7	20.4
3 2	10 20.02	+27 58.8	1.672	2.617	8.2	20.5
3 12	10 7.19	+27 21.3	1.714	2.616	11.3	20.7
3 22	9 56.73	+26 22.1	1.781	2.615	14.5	20.9
4 1	9 49.35	+25 5.8	1.869	2.613	17.4	21.1

197052 2003 UK_{145} 2 24.8 167.°27 0.°5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.71	+ 5 24.4	2.528	3.335	11.1	21.1
2 1	10 45.75	+ 5 54.6	2.445	3.338	8.3	20.9
2 11	10 39.22	+ 6 35.2	2.388	3.342	5.1	20.7
2 21	10 31.67	+ 7 22.9	2.359	3.345	1.6	20.5
3 2	10 23.78	+ 8 13.3	2.362	3.347	2.1	20.5
3 12	10 16.33	+ 9 1.8	2.394	3.349	5.5	20.8
3 22	10 9.98	+ 9 44.2	2.455	3.351	8.7	21.0
4 1	10 5.26	+10 17.7	2.540	3.352	11.5	21.2

432535 2010 GH_{127} 2 24.8 14.°21 1.°1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.91	+ 2 54.4	2.144	2.955	12.7	21.0
2 1	10 43.96	+ 3 34.9	2.062	2.956	9.6	20.8
2 11	10 38.28	+ 4 30.3	2.004	2.957	6.0	20.5
2 21	10 31.42	+ 5 36.8	1.974	2.958	2.3	20.3
3 2	10 24.17	+ 6 48.9	1.973	2.959	2.3	20.3
3 12	10 17.40	+ 7 59.9	2.001	2.960	6.1	20.5
3 22	10 11.86	+ 9 4.1	2.056	2.962	9.7	20.8
4 1	10 8.12	+ 9 57.2	2.136	2.963	12.8	21.0

244130 2001 VJ_{62} 2 24.8 134.°68 4.°1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.19	− 6 34.9	2.593	3.346	12.3	20.7
2 1	10 44.62	− 6 35.5	2.507	3.353	10.0	20.6
2 11	10 38.55	− 6 19.4	2.444	3.359	7.4	20.4
2 21	10 31.49	− 5 47.7	2.408	3.365	5.0	20.3
3 2	10 24.11	− 5 2.9	2.401	3.371	4.1	20.2
3 12	10 17.14	− 4 9.3	2.424	3.377	5.6	20.3
3 22	10 11.21	− 3 12.0	2.474	3.382	8.1	20.5
4 1	10 6.84	− 2 15.9	2.550	3.387	10.7	20.7

105160 2000 OU_5 2 24.8 181.°69 2.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.29	+ 1 24.4	1.986	2.781	14.2	20.0
2 1	10 50.29	+ 1 27.1	1.900	2.782	11.0	19.8
2 11	10 42.15	+ 1 44.9	1.838	2.783	7.2	19.6
2 21	10 32.53	+ 2 15.7	1.803	2.783	3.5	19.3
3 2	10 22.40	+ 2 55.2	1.798	2.782	3.0	19.3
3 12	10 12.83	+ 3 38.1	1.822	2.780	6.7	19.5
3 22	10 4.77	+ 4 18.8	1.873	2.778	10.5	19.7
4 1	9 58.90	+ 4 52.9	1.949	2.775	13.9	20.0

37334 2001 QW_{197} 2 24.8 138.°13 1.°1/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.60	+ 4 1.1	2.687	3.486	10.8	19.4
2 1	10 45.55	+ 4 15.7	2.607	3.495	8.1	19.3
2 11	10 39.05	+ 4 40.3	2.554	3.504	5.1	19.1
2 21	10 31.62	+ 5 12.3	2.529	3.512	2.0	18.9
3 2	10 23.92	+ 5 48.2	2.534	3.520	2.0	18.9
3 12	10 16.65	+ 6 24.1	2.570	3.527	5.1	19.1
3 22	10 10.43	+ 6 56.6	2.635	3.535	8.0	19.3
4 1	10 5.74	+ 7 22.7	2.724	3.542	10.6	19.5

218700 2005 TO_{162} 2 24.8 226.°03 0.°1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.76	+ 7 6.5	2.002	2.822	13.1	20.9
2 1	10 47.72	+ 7 33.1	1.915	2.816	9.8	20.7
2 11	10 40.63	+ 8 11.4	1.852	2.810	5.9	20.5
2 21	10 32.12	+ 8 57.4	1.817	2.803	1.7	20.1
3 2	10 23.08	+ 9 45.6	1.811	2.797	2.7	20.2
3 12	10 14.56	+10 30.2	1.834	2.789	6.9	20.5
3 22	10 7.45	+11 6.4	1.884	2.782	10.8	20.7
4 1	10 2.44	+11 31.0	1.957	2.774	14.2	20.9

505767 2015 BC_{227} 2 24.8 76.°12 2.°3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.03	+ 0 26.4	1.964	2.767	14.0	21.2
2 1	10 45.69	+ 0 47.2	1.881	2.767	10.8	21.0
2 11	10 39.39	+ 1 25.4	1.821	2.767	7.2	20.7
2 21	10 31.76	+ 2 18.0	1.788	2.768	3.4	20.5
3 2	10 23.67	+ 3 19.9	1.783	2.768	2.9	20.5
3 12	10 16.11	+ 4 24.6	1.807	2.768	6.5	20.7
3 22	10 9.93	+ 5 25.8	1.858	2.768	10.2	20.9
4 1	10 5.77	+ 6 18.1	1.932	2.769	13.6	21.1

323771 2005 QV_{35} 2 24.8 197.°39 1.°4/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.16	+11 16.9	2.309	3.133	11.5	22.2
2 1	10 47.77	+12 3.3	2.224	3.129	8.4	22.0
2 11	10 40.54	+12 57.7	2.165	3.126	5.0	21.8
2 21	10 32.08	+13 55.0	2.135	3.121	1.7	21.5
3 2	10 23.17	+14 49.5	2.136	3.116	3.3	21.6
3 12	10 14.74	+15 36.0	2.167	3.110	6.9	21.9
3 22	10 7.56	+16 10.8	2.225	3.104	10.2	22.1
4 1	10 2.26	+16 31.9	2.306	3.097	13.1	22.2

109644 2001 RO_2 2 24.8 200.°81 0.°5/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.36	+ 7 57.5	2.207	3.026	12.1	21.0
2 1	10 47.25	+ 8 43.1	2.120	3.022	9.0	20.7
2 11	10 40.27	+ 9 39.8	2.059	3.018	5.4	20.5
2 21	10 32.01	+10 42.8	2.026	3.013	1.4	20.2
3 2	10 23.28	+11 46.3	2.024	3.008	2.8	20.3
3 12	10 15.01	+12 44.3	2.051	3.002	6.7	20.6
3 22	10 8.03	+13 32.1	2.106	2.995	10.3	20.8
4 1	10 2.95	+14 6.8	2.184	2.988	13.3	20.9

343648 2010 JE_{80} 2 24.8 116.°83 3.°4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.79	+16 45.4	2.338	3.180	10.7	20.2
2 1	10 44.54	+18 9.9	2.269	3.184	7.8	20.0
2 11	10 38.59	+19 38.9	2.227	3.187	4.9	19.9
2 21	10 31.52	+21 5.6	2.214	3.191	3.4	19.8
3 2	10 24.09	+22 23.1	2.232	3.194	5.1	19.9
3 12	10 17.13	+23 25.8	2.278	3.197	8.0	20.1
3 22	10 11.39	+24 10.7	2.350	3.201	10.8	20.3
4 1	10 7.41	+24 37.0	2.444	3.204	13.3	20.4

9763 1991 RU_{17} 2 24.8 141.°79 1.°4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.49	+ 3 9.2	1.468	2.292	16.8	17.2
2 1	10 48.81	+ 3 38.0	1.394	2.294	12.8	17.0
2 11	10 41.51	+ 4 26.8	1.341	2.297	8.1	16.7
2 21	10 32.40	+ 5 31.0	1.314	2.299	3.0	16.4
3 2	10 22.67	+ 6 43.0	1.314	2.301	3.1	16.4
3 12	10 13.71	+ 7 53.4	1.341	2.302	8.2	16.7
3 22	10 6.68	+ 8 54.5	1.393	2.304	12.9	17.0
4 1	10 2.36	+ 9 40.7	1.466	2.306	16.9	17.2

3631 Sigyn 2 24.8 208.°64 0.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.10	+ 7 13.8	2.500	3.319	10.9	16.4
2 1	10 43.93	+ 8 13.1	2.414	3.316	8.0	16.2
2 11	10 38.20	+ 9 23.3	2.354	3.313	4.8	16.0
2 21	10 31.42	+10 39.9	2.323	3.310	1.3	15.7
3 2	10 24.27	+11 57.2	2.323	3.307	2.5	15.8
3 12	10 17.50	+13 9.4	2.353	3.303	6.0	16.0
3 22	10 11.79	+14 11.8	2.411	3.300	9.2	16.2
4 1	10 7.67	+15 1.4	2.493	3.296	11.9	16.4

231993 2001 RQ_{105} 2 24.8 171.°45 2.°6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.62	+17 24.0	2.631	3.462	10.0	20.7
2 1	10 47.12	+18 1.1	2.556	3.465	7.3	20.6
2 11	10 40.03	+18 40.2	2.508	3.467	4.5	20.4
2 21	10 31.91	+19 16.6	2.489	3.469	2.7	20.3
3 2	10 23.50	+19 45.8	2.501	3.470	4.1	20.4
3 12	10 15.57	+20 4.5	2.543	3.471	6.8	20.5
3 22	10 8.81	+20 11.0	2.611	3.472	9.6	20.7
4 1	10 3.74	+20 4.8	2.703	3.472	12.0	20.9

301271 2009 BB_{84} 2 24.8 87.°08 0.°1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.30	+ 6 55.2	1.520	2.349	16.1	21.3
2 1	10 50.56	+ 7 26.8	1.464	2.370	11.9	21.1
2 11	10 42.35	+ 8 12.7	1.431	2.390	7.2	20.9
2 21	10 32.58	+ 9 6.8	1.424	2.410	2.0	20.6
3 2	10 22.50	+10 1.5	1.445	2.430	3.2	20.7
3 12	10 13.40	+10 49.6	1.493	2.450	8.1	21.1
3 22	10 6.32	+11 25.8	1.567	2.469	12.3	21.4
4 1	10 1.88	+11 47.5	1.663	2.488	15.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
345187	2005 TM_{171}		2 24.8	112.°64	5.°3/28.8	18
	h m	° ′			°	m
1 22	10 55.55	− 5 7.4	1.529	2.315	18.1	20.5
2 1	10 50.17	− 5 18.8	1.459	2.327	14.5	20.3
2 11	10 42.24	− 5 5.2	1.410	2.339	10.5	20.1
2 21	10 32.59	− 4 27.6	1.385	2.351	6.7	19.9
3 2	10 22.43	− 3 30.4	1.386	2.362	5.4	19.8
3 12	10 13.09	− 2 21.5	1.415	2.374	8.2	20.0
3 22	10 5.68	− 1 10.1	1.469	2.384	12.1	20.2
4 1	10 0.95	− 0 4.1	1.545	2.394	15.7	20.5
57607	2001 TZ_{110}		2 24.8	326.°64	1.°3/25.6	18
1 22	10 52.34	+ 5 33.6	1.218	2.063	18.3	18.1
2 1	10 48.57	+ 5 33.2	1.138	2.050	14.0	17.8
2 11	10 41.71	+ 5 51.2	1.078	2.038	8.8	17.5
2 21	10 32.54	+ 6 23.8	1.041	2.027	3.1	17.1
3 2	10 22.43	+ 7 4.5	1.029	2.016	3.6	17.1
3 12	10 13.07	+ 7 44.6	1.042	2.006	9.5	17.4
3 22	10 5.92	+ 8 16.6	1.077	1.997	15.0	17.7
4 1	10 1.99	+ 8 35.0	1.131	1.989	19.6	17.9
75021	1999 UO_8		2 24.8	162.°90	0.°7/25.5	18
1 22	10 54.27	+ 4 48.7	2.096	2.904	13.1	20.7
2 1	10 48.66	+ 5 18.7	2.017	2.910	9.8	20.5
2 11	10 41.11	+ 6 1.6	1.962	2.916	6.1	20.3
2 21	10 32.26	+ 6 53.6	1.936	2.921	2.0	20.0
3 2	10 23.00	+ 7 49.3	1.939	2.925	2.4	20.0
3 12	10 14.31	+ 8 42.7	1.973	2.929	6.5	20.3
3 22	10 7.03	+ 9 28.8	2.034	2.932	10.1	20.5
4 1	10 1.78	+10 4.3	2.119	2.934	13.3	20.7
87800	2000 SK_{131}		2 24.8	271.°82	7.°1/ 1.8	17
1 22	10 51.39	−10 58.0	1.970	2.713	16.0	20.1
2 1	10 46.92	−11 30.1	1.869	2.699	13.6	19.9
2 11	10 40.29	−11 39.4	1.789	2.686	10.8	19.7
2 21	10 32.09	−11 24.1	1.733	2.672	8.2	19.5
3 2	10 23.19	−10 45.1	1.703	2.658	7.1	19.4
3 12	10 14.66	− 9 46.8	1.699	2.644	8.3	19.4
3 22	10 7.49	− 8 36.1	1.722	2.630	11.1	19.6
4 1	10 2.45	− 7 21.2	1.768	2.616	14.2	19.7
18214	4615 P–L		2 24.8	115.°12	0.°8/23.9	18
1 22	10 50.06	+ 9 56.6	2.643	3.464	10.3	19.7
2 1	10 45.17	+10 34.7	2.574	3.477	7.5	19.5
2 11	10 38.84	+11 19.6	2.531	3.491	4.4	19.3
2 21	10 31.60	+12 7.4	2.518	3.504	1.2	19.1
3 2	10 24.12	+12 53.6	2.535	3.517	2.5	19.2
3 12	10 17.11	+13 34.1	2.582	3.530	5.7	19.5
3 22	10 11.19	+14 5.9	2.657	3.542	8.6	19.7
4 1	10 6.81	+14 27.1	2.757	3.554	11.0	19.8
327472	2005 YM_8		2 24.8	96.°63	6.°8/19.1	18
1 22	10 58.41	+27 29.0	1.893	2.733	12.9	20.2
2 1	10 51.91	+28 28.1	1.842	2.745	10.0	20.1
2 11	10 43.08	+29 20.6	1.816	2.757	7.6	19.9
2 21	10 32.79	+29 58.3	1.817	2.769	6.9	19.9
3 2	10 22.24	+30 14.8	1.846	2.780	8.4	20.0
3 12	10 12.67	+30 7.7	1.901	2.791	11.0	20.2
3 22	10 5.03	+29 38.1	1.979	2.802	13.7	20.4
4 1	9 59.93	+28 49.4	2.078	2.813	16.1	20.6
459909	2014 MK_{20}		2 24.8	162.°57	2.°2/22.8	18
1 22	10 54.44	+11 51.1	1.871	2.705	13.4	22.0
2 1	10 49.03	+12 58.5	1.800	2.710	9.8	21.8
2 11	10 41.44	+14 15.5	1.753	2.715	5.8	21.5
2 21	10 32.37	+15 35.0	1.735	2.720	2.3	21.3
3 2	10 22.84	+16 48.8	1.746	2.724	4.3	21.5
3 12	10 13.97	+17 49.9	1.786	2.727	8.3	21.7
3 22	10 6.72	+18 34.0	1.852	2.729	12.1	21.9
4 1	10 1.74	+18 59.5	1.940	2.731	15.2	22.2
296143	2009 BG_{96}		2 24.8	28.°12	0.°5/24.4	18
1 22	10 49.02	+ 8 5.2	1.758	2.594	13.9	20.6
2 1	10 45.05	+ 8 45.1	1.693	2.604	10.3	20.4
2 11	10 39.03	+ 9 37.1	1.652	2.614	6.1	20.2
2 21	10 31.69	+10 35.8	1.638	2.625	1.6	19.9
3 2	10 23.98	+11 34.2	1.652	2.637	3.1	20.0
3 12	10 16.97	+12 25.7	1.693	2.649	7.4	20.3
3 22	10 11.51	+13 5.4	1.760	2.661	11.3	20.5
4 1	10 8.20	+13 30.5	1.849	2.674	14.5	20.8
118688	2000 NJ_{22}		2 24.8	240.°83	3.°5/27.9	18
1 22	10 54.68	− 2 13.9	2.404	3.174	12.7	19.9
2 1	10 48.97	− 2 27.1	2.294	3.156	10.2	19.7
2 11	10 41.36	− 2 25.9	2.208	3.138	7.2	19.4
2 21	10 32.38	− 2 11.1	2.149	3.118	4.4	19.2
3 2	10 22.78	− 1 44.6	2.121	3.098	3.7	19.1
3 12	10 13.47	− 1 10.3	2.123	3.077	6.2	19.3
3 22	10 5.29	− 0 32.9	2.153	3.056	9.4	19.4
4 1	9 58.92	+ 0 3.1	2.208	3.034	12.5	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
281859	2010 CV_{138}		2 24.8	9.°35	0.°6/24.2	17
	h m	° ′			°	m
1 22	10 50.13	+ 8 37.6	1.961	2.792	13.0	21.0
2 1	10 45.77	+ 9 16.1	1.884	2.792	9.6	20.7
2 11	10 39.45	+10 5.7	1.832	2.793	5.7	20.5
2 21	10 31.82	+11 1.3	1.806	2.793	1.5	20.2
3 2	10 23.76	+11 56.8	1.810	2.794	3.0	20.3
3 12	10 16.26	+12 46.1	1.842	2.795	7.1	20.6
3 22	10 10.17	+13 24.5	1.900	2.796	10.8	20.8
4 1	10 6.12	+13 49.3	1.981	2.797	14.1	21.0
147406	2003 FR_{52}		2 24.8	240.°71	2.°1/22.6	18
1 22	10 49.94	+10 34.9	1.933	2.770	12.9	19.8
2 1	10 45.76	+11 58.5	1.851	2.764	9.4	19.6
2 11	10 39.53	+13 34.6	1.795	2.758	5.5	19.3
2 21	10 31.87	+15 15.7	1.767	2.752	2.2	19.1
3 2	10 23.66	+16 53.2	1.769	2.746	4.3	19.2
3 12	10 15.95	+18 18.7	1.799	2.740	8.3	19.4
3 22	10 9.66	+19 26.5	1.856	2.734	12.0	19.7
4 1	10 5.46	+20 13.8	1.934	2.727	15.2	19.9
226724	2004 PB_{62}		2 24.8	151.°12	6.°2/18.0	18
1 22	10 53.97	+25 43.8	2.118	2.961	11.6	20.6
2 1	10 48.59	+27 13.3	2.061	2.967	9.0	20.4
2 11	10 41.12	+28 39.6	2.030	2.972	6.8	20.3
2 21	10 32.28	+29 54.3	2.027	2.977	6.3	20.3
3 2	10 23.05	+30 50.0	2.052	2.982	7.9	20.4
3 12	10 14.49	+31 22.7	2.104	2.987	10.5	20.6
3 22	10 7.50	+31 31.7	2.180	2.990	13.0	20.7
4 1	10 2.71	+31 18.9	2.276	2.994	15.3	20.9
161170	2002 TX_{47}		2 24.8	75.°38	0.°1/24.8	18
1 22	10 52.71	+ 6 29.6	1.634	2.463	15.2	20.1
2 1	10 47.87	+ 7 9.8	1.571	2.477	11.2	19.8
2 11	10 40.77	+ 8 4.7	1.532	2.491	6.7	19.6
2 21	10 32.19	+ 9 8.3	1.519	2.505	1.9	19.3
3 2	10 23.24	+10 13.0	1.534	2.520	3.0	19.4
3 12	10 15.09	+11 11.4	1.577	2.534	7.7	19.8
3 22	10 8.71	+11 57.8	1.645	2.548	11.8	20.0
4 1	10 4.72	+12 29.0	1.735	2.561	15.3	20.3
360375	2002 CV_{23}		2 24.8	326.°26	7.°7/29.3	18
1 22	10 55.09	− 6 26.4	1.417	2.203	19.3	20.2
2 1	10 50.30	− 7 33.1	1.334	2.197	16.0	20.0
2 11	10 42.63	− 8 16.7	1.271	2.191	12.3	19.8
2 21	10 32.82	− 8 34.2	1.230	2.185	8.9	19.5
3 2	10 22.12	− 8 25.4	1.214	2.180	7.8	19.5
3 12	10 12.05	− 7 55.2	1.223	2.175	10.0	19.6
3 22	10 3.98	− 7 11.3	1.255	2.170	13.7	19.8
4 1	9 58.85	− 6 23.0	1.308	2.166	17.5	20.0
174192	2002 QM_{12}		2 24.8	317.°00	3.°3/27.5	18
1 22	10 50.60	− 1 18.0	1.578	2.386	16.6	20.3
2 1	10 46.61	− 1 3.2	1.495	2.382	13.1	20.0
2 11	10 40.20	− 0 25.6	1.433	2.378	8.9	19.8
2 21	10 32.09	+ 0 32.3	1.396	2.374	4.7	19.5
3 2	10 23.34	+ 1 44.7	1.386	2.370	3.8	19.4
3 12	10 15.19	+ 3 3.1	1.403	2.366	7.6	19.7
3 22	10 8.74	+ 4 18.7	1.445	2.363	12.0	19.9
4 1	10 4.77	+ 5 24.0	1.509	2.360	16.0	20.1
341728	2007 VF_{229}		2 24.8	42.°02	4.°2/29.1	18
1 22	10 49.25	− 5 6.3	2.184	2.956	13.8	20.4
2 1	10 44.95	− 5 10.6	2.100	2.960	11.1	20.3
2 11	10 38.90	− 4 56.5	2.039	2.964	8.1	20.1
2 21	10 31.67	− 4 25.1	2.004	2.968	5.3	19.9
3 2	10 24.05	− 3 39.5	1.998	2.972	4.3	19.8
3 12	10 16.91	− 2 44.8	2.019	2.976	6.3	20.0
3 22	10 11.00	− 1 46.9	2.068	2.981	9.2	20.2
4 1	10 6.91	− 0 51.4	2.141	2.985	12.1	20.4
294310	2007 VV_{32}		2 24.8	269.°61	4.°6/28.2	18
1 22	10 52.74	− 3 12.0	1.622	2.416	16.9	20.8
2 1	10 48.21	− 3 22.8	1.533	2.408	13.5	20.5
2 11	10 41.20	− 3 11.5	1.465	2.400	9.6	20.3
2 21	10 32.39	− 2 38.7	1.421	2.392	5.9	20.0
3 2	10 22.84	− 1 48.0	1.404	2.383	4.8	19.9
3 12	10 13.84	− 0 46.3	1.414	2.375	7.9	20.1
3 22	10 6.53	+ 0 18.1	1.450	2.367	12.1	20.3
4 1	10 1.74	+ 1 17.6	1.507	2.358	16.0	20.5
140621	2001 UQ_{10}		2 24.8	135.°31	2.°2/22.1	18
1 22	10 50.30	+15 17.7	2.750	3.580	9.7	20.2
2 1	10 45.35	+16 8.5	2.681	3.591	7.0	20.0
2 11	10 38.97	+17 2.8	2.640	3.601	4.2	19.9
2 21	10 31.67	+17 55.8	2.629	3.611	2.2	19.7
3 2	10 24.12	+18 43.1	2.649	3.620	3.6	19.9
3 12	10 17.02	+19 20.6	2.698	3.629	6.3	20.0
3 22	10 10.99	+19 46.3	2.774	3.638	9.0	20.2
4 1	10 6.50	+19 59.0	2.875	3.646	11.3	20.4

309228 2007 QM_1 2 24.8 117.°62 0.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.33	+ 5 29.5	1.841	2.656	14.3	21.8
2 1	10 49.56	+ 6 9.2	1.777	2.675	10.7	21.6
2 11	10 41.68	+ 7 2.7	1.737	2.693	6.5	21.3
2 21	10 32.45	+ 8 4.9	1.725	2.711	1.9	21.1
3 2	10 22.89	+ 9 8.9	1.742	2.728	2.7	21.2
3 12	10 14.10	+10 8.0	1.788	2.744	7.1	21.5
3 22	10 6.97	+10 56.9	1.862	2.759	10.9	21.7
4 1	10 2.10	+11 32.4	1.958	2.774	14.2	22.0

325109 2008 EY_{33} 2 24.8 357.°77 0.°6/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.61	+ 5 12.1	1.386	2.226	16.8	21.5
2 1	10 46.09	+ 5 43.9	1.313	2.224	12.6	21.3
2 11	10 39.98	+ 6 34.8	1.262	2.222	7.8	21.0
2 21	10 32.05	+ 7 39.3	1.235	2.221	2.4	20.7
3 2	10 23.49	+ 8 49.1	1.234	2.221	3.2	20.7
3 12	10 15.69	+ 9 54.9	1.259	2.221	8.5	21.0
3 22	10 9.80	+10 48.8	1.308	2.222	13.3	21.3
4 1	10 6.61	+11 26.1	1.377	2.224	17.4	21.5

6075 Zajtsev 2 24.8 203.°00 0.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.42	+ 6 59.3	2.760	3.571	10.2	18.3
2 1	10 44.76	+ 7 29.2	2.670	3.567	7.6	18.1
2 11	10 38.67	+ 8 8.0	2.607	3.563	4.6	17.9
2 21	10 31.61	+ 8 52.3	2.573	3.559	1.3	17.7
3 2	10 24.22	+ 9 38.2	2.570	3.555	2.0	17.7
3 12	10 17.18	+10 21.4	2.597	3.550	5.3	18.0
3 22	10 11.13	+10 58.6	2.652	3.546	8.3	18.1
4 1	10 6.54	+11 27.1	2.733	3.540	10.9	18.3

457694 2009 EL_{13} 2 24.8 268.°88 0.°3/25.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.31	+ 6 38.1	1.696	2.521	14.9	21.7
2 1	10 49.41	+ 7 0.2	1.599	2.502	11.3	21.4
2 11	10 41.97	+ 7 36.9	1.524	2.483	6.9	21.1
2 21	10 32.64	+ 8 24.2	1.476	2.463	2.1	20.7
3 2	10 22.47	+ 9 15.8	1.456	2.442	3.1	20.8
3 12	10 12.76	+10 4.5	1.464	2.421	8.1	21.0
3 22	10 4.67	+10 44.1	1.498	2.400	12.8	21.2
4 1	9 59.11	+11 10.4	1.553	2.379	16.8	21.4

340590 2006 PT_{32} 2 24.8 172.°88 5.°1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.73	+27 49.4	3.002	3.835	8.9	21.2
2 1	10 46.45	+29 4.2	2.941	3.839	6.9	21.1
2 11	10 39.66	+30 15.0	2.907	3.841	5.5	21.0
2 21	10 31.89	+31 16.3	2.903	3.843	5.2	21.0
3 2	10 23.80	+32 3.3	2.928	3.845	6.4	21.0
3 12	10 16.16	+32 33.1	2.981	3.846	8.3	21.2
3 22	10 9.60	+32 44.9	3.059	3.847	10.2	21.3
4 1	10 4.62	+32 39.7	3.158	3.847	11.9	21.4

56781 2000 OT_{43} 2 24.8 139.°33 2.°1/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.63	+ 0 25.4	2.935	3.713	10.5	19.4
2 1	10 46.22	+ 0 22.3	2.853	3.724	8.1	19.2
2 11	10 39.45	+ 0 29.9	2.797	3.734	5.5	19.0
2 21	10 31.82	+ 0 46.4	2.769	3.744	2.9	18.9
3 2	10 23.93	+ 1 9.6	2.772	3.754	2.4	18.9
3 12	10 16.44	+ 1 36.2	2.807	3.763	4.7	19.0
3 22	10 9.92	+ 2 2.9	2.870	3.772	7.4	19.2
4 1	10 4.84	+ 2 26.8	2.959	3.780	9.8	19.4

317125 2001 UA_{36} 2 24.8 124.°09 4.°4/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.38	+23 9.2	2.688	3.526	9.6	20.5
2 1	10 46.23	+24 18.4	2.632	3.539	7.2	20.4
2 11	10 39.52	+25 25.9	2.604	3.552	5.1	20.3
2 21	10 31.84	+26 25.9	2.604	3.565	4.4	20.2
3 2	10 23.91	+27 13.5	2.635	3.577	5.7	20.3
3 12	10 16.50	+27 45.1	2.694	3.589	7.9	20.5
3 22	10 10.27	+27 59.8	2.778	3.601	10.2	20.7
4 1	10 5.70	+27 58.2	2.885	3.612	12.2	20.8

419254 2009 VE_{70} 2 24.8 87.°17 3.°5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.15	+17 26.0	1.942	2.784	12.6	21.1
2 1	10 48.65	+18 18.9	1.886	2.800	9.2	20.9
2 11	10 41.11	+19 14.4	1.855	2.815	5.7	20.7
2 21	10 32.30	+20 5.8	1.852	2.831	3.5	20.6
3 2	10 23.20	+20 46.5	1.878	2.846	5.3	20.8
3 12	10 14.89	+21 12.0	1.931	2.861	8.6	21.0
3 22	10 8.20	+21 20.5	2.010	2.876	11.8	21.2
4 1	10 3.70	+21 12.5	2.111	2.890	14.5	21.4

15408 1997 WU_{21} 2 24.8 189.°61 3.°9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.11	+19 59.7	2.429	3.269	10.4	18.1
2 1	10 46.23	+21 2.1	2.357	3.268	7.7	17.9
2 11	10 39.63	+22 5.8	2.312	3.268	5.1	17.7
2 21	10 31.90	+23 4.8	2.295	3.267	3.9	17.6
3 2	10 23.80	+23 53.2	2.309	3.266	5.4	17.7
3 12	10 16.20	+24 26.8	2.350	3.264	8.1	17.9
3 22	10 9.83	+24 43.8	2.418	3.263	10.8	18.1
4 1	10 5.26	+24 44.0	2.507	3.261	13.2	18.2

149437 2003 BW_{76} 2 24.8 227.°04 2.°1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.93	+16 28.4	2.218	3.034	12.2	19.4
2 1	10 55.83	+16 25.4	2.124	3.024	9.1	19.1
2 11	10 45.47	+16 23.2	2.056	3.013	5.5	18.9
2 21	10 33.56	+16 17.5	2.018	3.001	2.3	18.7
3 2	10 21.12	+16 4.4	2.012	2.989	3.8	18.8
3 12	10 9.29	+15 41.5	2.038	2.977	7.6	19.0
3 22	9 59.08	+15 8.2	2.092	2.964	11.1	19.2
4 1	9 51.19	+14 25.0	2.171	2.950	14.2	19.3

496243 2012 GX_{36} 2 24.8 234.°47 3.°8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.15	− 3 39.8	2.052	2.832	14.3	21.7
2 1	10 46.56	− 3 35.0	1.958	2.825	11.4	21.5
2 11	10 39.99	− 3 11.1	1.886	2.818	8.1	21.3
2 21	10 32.04	− 2 29.3	1.841	2.810	4.9	21.1
3 2	10 23.53	− 1 33.1	1.823	2.802	4.0	21.0
3 12	10 15.46	− 0 28.5	1.835	2.794	6.6	21.1
3 22	10 8.70	+ 0 37.8	1.874	2.786	10.1	21.3
4 1	10 3.93	+ 1 39.7	1.936	2.777	13.4	21.5

208410 2001 SF_{242} 2 24.8 147.°92 3.°3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.00	+19 37.8	2.552	3.386	10.2	20.5
2 1	10 47.46	+20 18.1	2.483	3.392	7.5	20.4
2 11	10 40.29	+20 58.9	2.440	3.397	4.8	20.2
2 21	10 32.07	+21 35.1	2.427	3.402	3.3	20.1
3 2	10 23.57	+22 2.0	2.444	3.407	4.7	20.2
3 12	10 15.61	+22 16.5	2.490	3.411	7.3	20.4
3 22	10 8.88	+22 17.2	2.562	3.415	10.0	20.6
4 1	10 3.91	+22 4.3	2.658	3.419	12.3	20.7

424790 2008 TD_{176} 2 24.8 275.°25 1.°7/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.71	+ 2 33.9	2.044	2.852	13.4	21.9
2 1	10 46.28	+ 2 50.9	1.946	2.837	10.3	21.7
2 11	10 39.86	+ 3 23.1	1.872	2.822	6.7	21.4
2 21	10 32.01	+ 4 7.6	1.825	2.807	2.8	21.1
3 2	10 23.58	+ 5 0.1	1.806	2.792	2.6	21.1
3 12	10 15.54	+ 5 54.5	1.817	2.777	6.5	21.3
3 22	10 8.79	+ 6 45.1	1.854	2.762	10.4	21.5
4 1	10 4.04	+ 7 27.1	1.915	2.746	13.9	21.7

58980 1998 RG_{47} 2 24.8 202.°51 2.°6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.26	− 0 35.3	2.003	2.790	14.3	19.9
2 1	10 49.65	− 0 14.3	1.909	2.785	11.2	19.7
2 11	10 41.88	+ 0 25.0	1.838	2.779	7.5	19.5
2 21	10 32.58	+ 1 20.1	1.795	2.772	3.8	19.2
3 2	10 22.68	+ 2 26.2	1.781	2.764	3.1	19.2
3 12	10 13.24	+ 3 36.5	1.797	2.755	6.7	19.4
3 22	10 5.24	+ 4 44.1	1.840	2.745	10.6	19.6
4 1	9 59.39	+ 5 43.4	1.908	2.734	14.1	19.8

408701 2014 NZ_{30} 2 24.8 293.°84 3.°4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.90	− 0 21.4	1.396	2.214	17.9	21.3
2 1	10 47.98	− 0 16.8	1.308	2.201	14.1	21.0
2 11	10 41.28	+ 0 11.6	1.240	2.188	9.6	20.7
2 21	10 32.48	+ 1 1.9	1.196	2.175	4.9	20.4
3 2	10 22.79	+ 2 8.7	1.177	2.162	4.1	20.3
3 12	10 13.67	+ 3 22.7	1.185	2.150	8.6	20.5
3 22	10 6.45	+ 4 34.4	1.217	2.137	13.6	20.8
4 1	10 2.10	+ 5 35.4	1.269	2.125	18.0	21.0

334849 2003 US_{46} 2 24.8 194.°99 2.°5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.86	− 1 15.9	2.340	3.126	12.6	21.9
2 1	10 45.33	− 0 54.3	2.250	3.124	9.8	21.7
2 11	10 39.12	− 0 16.7	2.183	3.122	6.7	21.5
2 21	10 31.78	+ 0 34.6	2.145	3.120	3.5	21.3
3 2	10 24.01	+ 1 35.5	2.135	3.118	2.8	21.2
3 12	10 16.67	+ 2 40.5	2.156	3.115	5.7	21.4
3 22	10 10.47	+ 3 44.0	2.204	3.113	9.0	21.6
4 1	10 5.99	+ 4 41.1	2.277	3.109	11.9	21.8

221115 2005 SF_{194} 2 24.8 72.°87 5.°3/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.10	− 8 10.2	1.798	2.565	16.5	20.1
2 1	10 46.52	− 8 0.1	1.733	2.585	13.4	19.9
2 11	10 39.91	− 7 24.7	1.688	2.606	9.9	19.8
2 21	10 31.99	− 6 26.1	1.668	2.626	6.7	19.6
3 2	10 23.74	− 5 8.8	1.675	2.647	5.3	19.6
3 12	10 16.21	− 3 41.0	1.710	2.667	7.2	19.7
3 22	10 10.24	− 2 11.2	1.771	2.687	10.3	19.9
4 1	10 6.45	− 0 47.3	1.857	2.707	13.4	20.2

162509 2000 QV_{66} 2 24.8 205.°09 1.°7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.12	+11 45.4	1.912	2.741	13.3	21.2
2 1	10 50.36	+12 28.8	1.828	2.736	9.8	20.9
2 11	10 42.32	+13 21.2	1.769	2.730	5.8	20.7
2 21	10 32.71	+14 16.7	1.739	2.724	2.0	20.4
3 2	10 22.53	+15 8.4	1.737	2.717	3.9	20.5
3 12	10 12.93	+15 50.1	1.765	2.710	8.1	20.8
3 22	10 4.91	+16 17.9	1.819	2.702	12.0	21.0
4 1	9 59.22	+16 30.0	1.895	2.693	15.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
129833	1999 RC_{11}		2 24.8	242.°76	1.°4/23.6	18
	h m	° ′			°	m
1 22	10 55.16	+10 45.3	1.915	2.744	13.3	20.6
2 1	10 49.76	+11 26.5	1.821	2.728	9.9	20.3
2 11	10 42.05	+12 18.2	1.750	2.712	5.9	20.0
2 21	10 32.67	+13 14.9	1.708	2.694	1.9	19.7
3 2	10 22.58	+14 9.8	1.695	2.677	3.7	19.8
3 12	10 12.94	+14 56.2	1.711	2.658	8.1	20.1
3 22	10 4.82	+15 29.4	1.753	2.639	12.2	20.3
4 1	9 58.99	+15 47.1	1.817	2.620	15.7	20.4
380429	2003 PX_{11}		2 24.8	177.°41	6.°1/ 2.4	17
1 22	10 53.69	−12 49.2	2.741	3.444	12.9	21.2
2 1	10 47.98	−13 24.8	2.646	3.446	10.9	21.1
2 11	10 40.65	−13 42.8	2.573	3.447	8.8	20.9
2 21	10 32.21	−13 42.2	2.527	3.448	7.0	20.8
3 2	10 23.35	−13 23.6	2.509	3.449	6.1	20.8
3 12	10 14.84	−12 49.8	2.520	3.449	6.9	20.8
3 22	10 7.39	−12 5.3	2.559	3.448	8.7	20.9
4 1	10 1.54	−11 15.4	2.623	3.446	10.8	21.1
299817	2006 SQ_{154}		2 24.8	225.°78	2.°6/27.5	18
1 22	10 50.78	− 0 20.6	2.555	3.338	11.7	20.8
2 1	10 45.91	− 0 22.3	2.460	3.332	9.2	20.6
2 11	10 39.44	− 0 11.1	2.388	3.326	6.3	20.4
2 21	10 31.87	+ 0 11.4	2.345	3.320	3.4	20.2
3 2	10 23.90	+ 0 42.7	2.332	3.313	2.9	20.1
3 12	10 16.30	+ 1 18.6	2.348	3.306	5.4	20.3
3 22	10 9.74	+ 1 55.1	2.393	3.299	8.4	20.5
4 1	10 4.80	+ 2 28.2	2.462	3.292	11.2	20.6
50540	2000 EK_{16}		2 24.8	219.°27	1.°1/25.6	18
1 22	10 56.64	+ 4 54.8	1.747	2.561	15.0	20.1
2 1	10 50.96	+ 5 7.6	1.658	2.554	11.4	19.8
2 11	10 42.81	+ 5 35.3	1.592	2.546	7.2	19.6
2 21	10 32.88	+ 6 14.1	1.552	2.537	2.6	19.3
3 2	10 22.26	+ 6 58.7	1.541	2.527	2.9	19.3
3 12	10 12.20	+ 7 42.6	1.559	2.517	7.6	19.5
3 22	10 3.82	+ 8 19.9	1.603	2.506	12.0	19.7
4 1	9 57.94	+ 8 46.5	1.670	2.495	15.9	20.0
459894	2014 LM_{11}		2 24.8	263.°99	4.°6/28.1	18
1 22	10 53.71	− 2 45.3	1.531	2.330	17.5	21.5
2 1	10 49.09	− 2 58.5	1.443	2.322	14.0	21.2
2 11	10 41.83	− 2 49.1	1.376	2.313	9.9	21.0
2 21	10 32.64	− 2 17.7	1.333	2.305	6.0	20.7
3 2	10 22.64	− 1 27.8	1.316	2.296	4.9	20.6
3 12	10 13.22	− 0 26.9	1.326	2.287	8.3	20.8
3 22	10 5.60	+ 0 36.7	1.361	2.279	12.6	21.0
4 1	10 0.68	+ 1 34.9	1.417	2.270	16.7	21.2
54370	2000 KT_{50}		2 24.8	182.°18	3.°0/21.1	18
1 22	10 49.98	+17 2.1	2.546	3.383	10.1	19.1
2 1	10 45.33	+18 9.9	2.472	3.383	7.4	18.9
2 11	10 39.09	+19 21.3	2.424	3.383	4.6	18.8
2 21	10 31.78	+20 30.5	2.406	3.383	3.0	18.7
3 2	10 24.11	+21 31.8	2.418	3.383	4.6	18.8
3 12	10 16.89	+22 20.4	2.460	3.382	7.4	18.9
3 22	10 10.78	+22 53.9	2.528	3.381	10.1	19.1
4 1	10 6.34	+23 11.3	2.619	3.380	12.5	19.3
402162	2004 RE_{229}		2 24.8	251.°28	0.°1/24.8	17
1 22	10 56.26	+ 7 40.0	1.758	2.581	14.6	22.1
2 1	10 50.81	+ 8 4.9	1.660	2.563	11.0	21.8
2 11	10 42.81	+ 8 43.0	1.585	2.543	6.7	21.5
2 21	10 32.92	+ 9 30.1	1.537	2.524	1.9	21.2
3 2	10 22.19	+10 19.7	1.518	2.503	3.2	21.2
3 12	10 11.91	+11 5.0	1.527	2.482	8.1	21.5
3 22	10 3.24	+11 40.4	1.562	2.460	12.7	21.7
4 1	9 57.09	+12 2.1	1.620	2.438	16.6	21.9
45973	2001 BP_{33}		2 24.8	321.°91	1.°5/25.8	18
1 22	10 51.86	+ 4 57.4	1.355	2.193	17.2	18.6
2 1	10 48.03	+ 4 56.6	1.269	2.177	13.2	18.3
2 11	10 41.35	+ 5 13.1	1.204	2.162	8.4	18.0
2 21	10 32.54	+ 5 44.0	1.162	2.147	3.2	17.6
3 2	10 22.83	+ 6 23.4	1.146	2.133	3.4	17.6
3 12	10 13.74	+ 7 3.5	1.155	2.119	8.8	17.8
3 22	10 6.61	+ 7 37.2	1.188	2.107	14.0	18.1
4 1	10 2.43	+ 7 59.1	1.241	2.095	18.5	18.3
109944	2001 SN_{43}		2 24.8	180.°89	1.°5/23.4	16
1 22	10 53.93	+11 45.6	2.209	3.035	11.9	21.2
2 1	10 48.42	+12 27.6	2.130	3.036	8.7	20.9
2 11	10 41.01	+13 17.1	2.076	3.037	5.1	20.7
2 21	10 32.34	+14 8.8	2.051	3.037	1.8	20.5
3 2	10 23.26	+14 57.1	2.057	3.037	3.4	20.6
3 12	10 14.70	+15 36.9	2.092	3.036	7.1	20.8
3 22	10 7.50	+16 4.7	2.153	3.034	10.5	21.0
4 1	10 2.26	+16 19.0	2.239	3.032	13.4	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
198939	2005 UG_{276}		2 24.8	325.°54	1.°0/25.4	18
	h m	° ′			°	m
1 22	10 51.96	+ 5 47.9	1.173	2.022	18.6	19.8
2 1	10 48.43	+ 5 55.8	1.094	2.009	14.2	19.5
2 11	10 41.74	+ 6 23.2	1.035	1.997	8.9	19.2
2 21	10 32.68	+ 7 5.9	0.999	1.985	3.0	18.8
3 2	10 22.64	+ 7 56.2	0.987	1.974	3.7	18.8
3 12	10 13.36	+ 8 44.5	1.000	1.964	9.8	19.1
3 22	10 6.34	+ 9 22.6	1.034	1.955	15.4	19.4
4 1	10 2.61	+ 9 45.0	1.087	1.947	20.2	19.6
109260	2001 QT_{106}		2 24.8	161.°96	3.°2/28.1	18
1 22	10 52.84	− 2 54.0	2.285	3.059	13.2	21.5
2 1	10 47.53	− 2 45.3	2.200	3.065	10.4	21.3
2 11	10 40.45	− 2 19.9	2.139	3.071	7.3	21.1
2 21	10 32.18	− 1 39.6	2.105	3.076	4.3	20.9
3 2	10 23.52	− 0 47.9	2.101	3.080	3.4	20.9
3 12	10 15.34	+ 0 9.8	2.126	3.084	5.9	21.1
3 22	10 8.41	+ 1 8.0	2.180	3.087	9.1	21.3
4 1	10 3.31	+ 2 1.6	2.258	3.089	12.1	21.4
21198	1994 PX_{7}		2 24.8	173.°58	0.°6/25.4	18
1 22	10 52.05	+ 5 39.7	2.247	3.058	12.2	19.9
2 1	10 46.98	+ 6 2.8	2.164	3.060	9.2	19.7
2 11	10 40.14	+ 6 37.1	2.107	3.061	5.6	19.5
2 21	10 32.10	+ 7 19.1	2.077	3.063	1.8	19.2
3 2	10 23.67	+ 8 4.3	2.077	3.063	2.3	19.3
3 12	10 15.73	+ 8 47.6	2.107	3.064	6.1	19.5
3 22	10 9.05	+ 9 24.6	2.165	3.064	9.6	19.7
4 1	10 4.21	+ 9 52.2	2.246	3.064	12.6	19.9
156519	2002 CQ_{217}		2 24.8	255.°06	0.°8/24.1	18
1 22	10 50.27	+ 8 8.8	1.912	2.742	13.3	20.0
2 1	10 45.99	+ 9 2.4	1.833	2.741	9.8	19.7
2 11	10 39.68	+10 8.7	1.779	2.741	5.8	19.5
2 21	10 32.00	+11 22.0	1.753	2.740	1.6	19.2
3 2	10 23.84	+12 35.2	1.755	2.739	3.2	19.3
3 12	10 16.24	+13 41.0	1.786	2.738	7.4	19.6
3 22	10 10.08	+14 34.1	1.844	2.738	11.2	19.8
4 1	10 6.00	+15 11.4	1.923	2.737	14.5	20.0
201716	2003 UN_{181}		2 24.8	84.°58	0.°9/24.1	18
1 22	10 53.39	+10 43.2	2.048	2.876	12.6	20.2
2 1	10 48.07	+11 3.2	1.976	2.883	9.3	20.0
2 11	10 40.81	+11 30.8	1.929	2.890	5.5	19.8
2 21	10 32.29	+12 1.5	1.910	2.897	1.6	19.5
3 2	10 23.42	+12 30.4	1.920	2.904	3.0	19.6
3 12	10 15.19	+12 53.0	1.960	2.911	6.9	19.9
3 22	10 8.41	+13 6.1	2.025	2.918	10.5	20.1
4 1	10 3.68	+13 8.1	2.114	2.925	13.5	20.3
190713	2001 HK_{19}		2 24.8	194.°13	1.°6/23.6	18
1 22	10 57.04	+10 55.0	1.686	2.518	14.7	21.4
2 1	10 51.28	+11 38.9	1.607	2.517	10.8	21.1
2 11	10 43.00	+12 33.7	1.553	2.514	6.4	20.8
2 21	10 32.96	+13 32.9	1.525	2.512	2.1	20.6
3 2	10 22.31	+14 28.6	1.527	2.508	4.1	20.7
3 12	10 12.35	+15 13.7	1.556	2.504	8.7	20.9
3 22	10 4.21	+15 43.8	1.611	2.499	12.9	21.2
4 1	9 58.66	+15 56.9	1.687	2.494	16.6	21.4
460142	2014 PF_{55}		2 24.8	160.°73	1.°1/25.8	18
1 22	10 53.37	+ 3 26.9	1.823	2.636	14.6	22.0
2 1	10 48.32	+ 4 0.5	1.745	2.640	11.0	21.8
2 11	10 41.11	+ 4 50.6	1.691	2.644	6.9	21.6
2 21	10 32.41	+ 5 52.9	1.663	2.647	2.5	21.3
3 2	10 23.23	+ 7 0.8	1.664	2.650	2.7	21.3
3 12	10 14.66	+ 8 7.1	1.694	2.653	7.0	21.6
3 22	10 7.67	+ 9 5.4	1.751	2.655	11.1	21.8
4 1	10 2.93	+ 9 51.2	1.830	2.657	14.6	22.1
432134	2009 BH_{61}		2 24.8	90.°13	0.°5/24.3	18
1 22	10 50.24	+ 8 1.0	2.311	3.131	11.6	21.7
2 1	10 45.51	+ 8 47.6	2.246	3.149	8.5	21.5
2 11	10 39.17	+ 9 43.6	2.207	3.166	5.0	21.3
2 21	10 31.82	+10 44.4	2.197	3.184	1.3	21.1
3 2	10 24.21	+11 44.5	2.217	3.201	2.5	21.2
3 12	10 17.16	+12 38.5	2.266	3.218	6.1	21.5
3 22	10 11.34	+13 22.7	2.343	3.235	9.3	21.7
4 1	10 7.25	+13 54.7	2.444	3.251	12.0	21.9
248013	2004 EX_{108}		2 24.8	138.°57	2.°7/28.1	17
1 22	10 47.92	− 3 17.6	2.412	3.190	12.5	21.0
2 1	10 43.86	− 2 42.2	2.325	3.193	9.8	20.8
2 11	10 38.24	− 1 49.2	2.262	3.197	6.8	20.6
2 21	10 31.58	− 0 41.2	2.227	3.200	3.8	20.4
3 2	10 24.56	+ 0 37.3	2.221	3.202	2.9	20.4
3 12	10 17.96	+ 2 0.3	2.245	3.205	5.4	20.5
3 22	10 12.45	+ 3 21.4	2.297	3.208	8.5	20.7
4 1	10 8.55	+ 4 35.5	2.375	3.210	11.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
365168	2009 DO_{138}		2 24.8	287.°30	1.°3/25.8	17
	h m	° ′			°	m
1 22	10 52.30	+ 3 59.1	1.571	2.396	15.9	21.4
2 1	10 48.07	+ 4 18.5	1.478	2.379	12.2	21.2
2 11	10 41.26	+ 4 56.1	1.407	2.362	7.7	20.9
2 21	10 32.53	+ 5 48.4	1.361	2.346	2.9	20.5
3 2	10 22.97	+ 6 49.2	1.342	2.329	3.1	20.5
3 12	10 13.90	+ 7 50.3	1.350	2.312	8.1	20.7
3 22	10 6.54	+ 8 44.1	1.384	2.295	13.0	21.0
4 1	10 1.79	+ 9 25.0	1.438	2.278	17.2	21.2
6593	1986 UV		2 24.8	102.°59	0.°4/24.5	18
1 22	10 53.53	+ 9 4.5	1.952	2.777	13.2	17.9
2 1	10 48.27	+ 9 26.1	1.878	2.784	9.8	17.7
2 11	10 40.98	+ 9 57.2	1.830	2.790	5.8	17.5
2 21	10 32.37	+10 33.4	1.809	2.796	1.6	17.2
3 2	10 23.36	+11 9.4	1.817	2.802	2.9	17.3
3 12	10 14.99	+11 39.9	1.854	2.807	7.0	17.6
3 22	10 8.14	+12 1.3	1.917	2.813	10.8	17.8
4 1	10 3.42	+12 11.3	2.003	2.819	13.9	18.1
210503	1998 HF_{88}		2 24.8	262.°18	1.°0/25.6	17
1 22	10 53.77	+ 4 42.3	1.780	2.598	14.6	20.5
2 1	10 48.91	+ 5 2.5	1.682	2.580	11.2	20.3
2 11	10 41.65	+ 5 38.5	1.608	2.563	7.0	20.0
2 21	10 32.63	+ 6 26.5	1.559	2.544	2.5	19.7
3 2	10 22.83	+ 7 21.2	1.539	2.526	2.8	19.6
3 12	10 13.47	+ 8 15.3	1.548	2.507	7.6	19.9
3 22	10 5.64	+ 9 2.5	1.582	2.487	12.1	20.1
4 1	10 0.18	+ 9 38.2	1.639	2.468	16.0	20.3
338994	2004 GH_{12}		2 24.8	316.°49	7.°4/ 4.2	18
1 22	10 47.52	−15 51.7	2.233	2.942	15.3	20.1
2 1	10 43.84	−16 5.4	2.135	2.935	13.2	20.0
2 11	10 38.37	−15 54.5	2.057	2.928	10.9	19.8
2 21	10 31.66	−15 17.5	2.003	2.921	8.7	19.6
3 2	10 24.45	−14 15.7	1.974	2.914	7.5	19.5
3 12	10 17.62	−12 53.9	1.972	2.908	8.0	19.6
3 22	10 11.97	−11 19.2	1.997	2.902	9.9	19.7
4 1	10 8.13	− 9 39.8	2.047	2.896	12.4	19.8
500360	2012 TF_{33}		2 24.8	154.°75	0.°6/24.1	17
1 22	10 50.82	+ 9 47.0	3.107	3.919	9.1	22.7
2 1	10 45.61	+10 18.9	3.029	3.928	6.7	22.6
2 11	10 39.12	+10 56.7	2.978	3.937	3.9	22.4
2 21	10 31.81	+11 37.0	2.958	3.945	1.1	22.2
3 2	10 24.27	+12 16.5	2.969	3.952	2.1	22.3
3 12	10 17.11	+12 51.5	3.012	3.959	5.0	22.5
3 22	10 10.87	+13 19.6	3.083	3.966	7.6	22.7
4 1	10 5.98	+13 39.0	3.180	3.972	9.8	22.8
56213	1999 GW_{50}		2 24.8	74.°15	3.°4/28.2	18
1 22	10 49.59	− 3 33.0	1.807	2.598	15.5	18.5
2 1	10 45.56	− 3 2.1	1.728	2.603	12.2	18.3
2 11	10 39.46	− 2 8.3	1.671	2.608	8.5	18.1
2 21	10 31.97	− 0 54.6	1.639	2.613	4.7	17.9
3 2	10 24.00	+ 0 33.3	1.635	2.617	3.6	17.8
3 12	10 16.62	+ 2 6.7	1.660	2.622	6.8	18.0
3 22	10 10.72	+ 3 37.2	1.711	2.627	10.6	18.2
4 1	10 6.96	+ 4 57.7	1.786	2.632	14.1	18.5
207925	2008 WY_{43}		2 24.8	13.°29	0.°1/24.9	18
1 22	10 49.96	+ 7 19.4	1.677	2.512	14.6	20.4
2 1	10 45.93	+ 7 41.6	1.607	2.516	10.8	20.2
2 11	10 39.71	+ 8 16.7	1.559	2.520	6.5	20.0
2 21	10 32.04	+ 9 0.1	1.538	2.524	1.9	19.7
3 2	10 23.91	+ 9 45.4	1.544	2.530	2.9	19.8
3 12	10 16.48	+10 26.2	1.577	2.536	7.5	20.0
3 22	10 10.67	+10 57.6	1.635	2.543	11.6	20.3
4 1	10 7.15	+11 16.2	1.715	2.550	15.1	20.5
284326	2006 QG_{182}		2 24.9	186.°90	0.°2/25.1	17
1 22	10 49.46	+ 6 22.0	2.688	3.498	10.5	22.2
2 1	10 44.85	+ 6 55.8	2.601	3.497	7.8	22.0
2 11	10 38.79	+ 7 39.0	2.541	3.496	4.7	21.8
2 21	10 31.75	+ 8 28.4	2.509	3.495	1.4	21.6
3 2	10 24.38	+ 9 19.8	2.509	3.494	2.0	21.7
3 12	10 17.39	+10 8.5	2.538	3.492	5.3	21.9
3 22	10 11.40	+10 50.9	2.596	3.490	8.4	22.1
4 1	10 6.92	+11 24.2	2.679	3.488	11.0	22.2
217420	Olevsk		2 24.9	190.°99	4.°6/29.5	16
1 22	10 53.68	− 7 15.2	2.558	3.300	12.8	22.0
2 1	10 48.08	− 7 27.0	2.460	3.298	10.4	21.8
2 11	10 40.79	− 7 22.1	2.387	3.296	7.8	21.6
2 21	10 32.34	− 7 0.5	2.340	3.292	5.5	21.5
3 2	10 23.43	− 6 24.3	2.322	3.289	4.6	21.4
3 12	10 14.90	− 5 37.5	2.335	3.284	6.1	21.5
3 22	10 7.47	− 4 45.0	2.376	3.279	8.7	21.7
4 1	10 1.73	− 3 52.0	2.443	3.272	11.3	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
285032	2011 EX_{26}		2 24.9	182.°42	1.°4/23.5	17 R
	h m	° ′			°	m
1 22	10 52.89	+11 42.4	2.213	3.040	11.8	20.9
2 1	10 47.66	+12 18.0	2.133	3.041	8.7	20.7
2 11	10 40.59	+13 0.6	2.080	3.041	5.1	20.4
2 21	10 32.28	+13 45.7	2.055	3.041	1.7	20.2
3 2	10 23.57	+14 27.7	2.059	3.040	3.3	20.3
3 12	10 15.38	+15 1.9	2.093	3.039	6.9	20.5
3 22	10 8.52	+15 25.0	2.154	3.038	10.3	20.7
4 1	10 3.58	+15 35.4	2.238	3.037	13.2	20.9
16986	Archivestef		2 24.9	331.°09	0.°5/25.2	18
1 22	10 49.55	+ 5 42.1	1.189	2.040	18.2	17.3
2 1	10 46.60	+ 6 8.2	1.110	2.027	13.8	17.0
2 11	10 40.63	+ 6 55.6	1.051	2.014	8.6	16.6
2 21	10 32.41	+ 7 59.2	1.015	2.002	2.6	16.2
3 2	10 23.26	+ 9 10.0	1.004	1.991	3.7	16.3
3 12	10 14.84	+10 16.8	1.017	1.981	9.7	16.6
3 22	10 8.58	+11 10.4	1.052	1.972	15.3	16.8
4 1	10 5.47	+11 45.1	1.105	1.964	20.0	17.1
226735	2004 QP_9		2 24.9	80.°50	2.°0/23.1	18
1 22	10 56.93	+13 37.0	1.994	2.823	12.8	20.8
2 1	10 50.49	+14 13.8	1.947	2.855	9.3	20.6
2 11	10 42.14	+14 55.4	1.926	2.886	5.5	20.5
2 21	10 32.67	+15 36.0	1.933	2.917	2.2	20.3
3 2	10 23.07	+16 10.1	1.970	2.948	3.8	20.5
3 12	10 14.35	+16 33.5	2.036	2.978	7.4	20.7
3 22	10 7.28	+16 44.2	2.129	3.007	10.7	21.0
4 1	10 2.38	+16 41.8	2.245	3.036	13.4	21.2
186564	2002 YX_{13}		2 24.9	66.°96	1.°1/23.9	18
1 22	10 53.26	+ 9 18.8	1.601	2.439	15.0	20.7
2 1	10 48.35	+10 4.6	1.543	2.455	11.0	20.5
2 11	10 41.13	+11 2.3	1.509	2.471	6.5	20.3
2 21	10 32.43	+12 5.0	1.501	2.488	1.8	20.0
3 2	10 23.39	+13 5.0	1.521	2.505	3.6	20.1
3 12	10 15.22	+13 55.1	1.569	2.522	8.2	20.5
3 22	10 8.86	+14 30.7	1.642	2.538	12.2	20.7
4 1	10 4.95	+14 49.9	1.736	2.555	15.6	21.0
15586	2000 GV_{75}		2 24.9	157.°47	5.°5/19.3	18
1 22	10 57.74	+25 43.3	2.319	3.152	11.1	18.7
2 1	10 51.18	+26 44.4	2.258	3.160	8.5	18.6
2 11	10 42.65	+27 41.6	2.224	3.167	6.3	18.4
2 21	10 32.85	+28 27.9	2.219	3.174	5.5	18.4
3 2	10 22.73	+28 57.7	2.243	3.180	6.9	18.5
3 12	10 13.32	+29 7.9	2.295	3.185	9.4	18.6
3 22	10 5.46	+28 58.3	2.372	3.190	11.9	18.8
4 1	9 59.72	+28 31.0	2.471	3.194	14.1	19.0
39702	1996 TZ_{10}		2 24.9	165.°71	1.°3/26.2	18
1 22	10 54.16	+ 1 59.3	2.284	3.077	12.6	20.3
2 1	10 48.52	+ 2 37.0	2.201	3.084	9.6	20.1
2 11	10 41.07	+ 3 29.3	2.143	3.091	6.1	19.9
2 21	10 32.42	+ 4 32.6	2.114	3.096	2.5	19.7
3 2	10 23.37	+ 5 41.6	2.115	3.101	2.3	19.6
3 12	10 14.83	+ 6 50.3	2.147	3.105	5.9	19.9
3 22	10 7.56	+ 7 53.2	2.208	3.107	9.4	20.1
4 1	10 2.16	+ 8 46.2	2.294	3.109	12.4	20.3
145343	2005 MY_9		2 24.9	221.°09	1.°9/27.1	18
1 22	10 49.60	+ 0 43.1	2.867	3.651	10.5	20.9
2 1	10 44.92	+ 0 54.7	2.767	3.643	8.2	20.7
2 11	10 38.83	+ 1 17.9	2.694	3.635	5.4	20.5
2 21	10 31.78	+ 1 50.8	2.648	3.626	2.7	20.3
3 2	10 24.37	+ 2 30.4	2.633	3.617	2.3	20.3
3 12	10 17.26	+ 3 13.0	2.649	3.607	4.9	20.4
3 22	10 11.06	+ 3 54.7	2.694	3.598	7.7	20.6
4 1	10 6.28	+ 4 32.0	2.764	3.587	10.3	20.7
490297	2008 YR_{160}		2 24.9	74.°65	0.°8/24.1	17
1 22	10 53.07	+11 9.9	2.285	3.110	11.6	20.8
2 1	10 47.67	+11 22.1	2.211	3.116	8.5	20.6
2 11	10 40.52	+11 40.3	2.163	3.123	5.0	20.4
2 21	10 32.25	+12 0.9	2.143	3.130	1.4	20.1
3 2	10 23.67	+12 19.9	2.153	3.137	2.7	20.2
3 12	10 15.66	+12 33.4	2.193	3.143	6.3	20.5
3 22	10 8.96	+12 39.1	2.260	3.150	9.6	20.7
4 1	10 4.10	+12 35.4	2.350	3.157	12.4	20.9
234455	2001 SL_{164}		2 24.9	168.°46	4.°9/ 2.4	18
1 22	10 48.53	−11 42.2	2.843	3.561	12.1	20.6
2 1	10 44.14	−11 35.1	2.749	3.564	10.1	20.4
2 11	10 38.35	−11 9.6	2.678	3.567	7.9	20.3
2 21	10 31.64	−10 26.1	2.633	3.570	5.9	20.1
3 2	10 24.61	− 9 26.8	2.616	3.572	4.9	20.1
3 12	10 17.92	− 8 16.0	2.629	3.574	5.8	20.1
3 22	10 12.18	− 6 59.0	2.671	3.575	7.8	20.3
4 1	10 7.86	− 5 41.3	2.739	3.576	10.0	20.4

209640 2005 BK_{15} 2 24.9 264.°27 2.°9/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.07	+ 0 36.4	1.725	2.529	15.6	20.7
2 1	10 49.21	+ 0 35.4	1.627	2.513	12.2	20.4
2 11	10 41.89	+ 0 52.7	1.551	2.496	8.3	20.1
2 21	10 32.74	+ 1 26.5	1.500	2.479	4.2	19.8
3 2	10 22.77	+ 2 12.8	1.477	2.461	3.6	19.7
3 12	10 13.24	+ 3 5.0	1.482	2.444	7.6	19.9
3 22	10 5.28	+ 3 56.2	1.513	2.426	12.0	20.1
4 1	9 59.77	+ 4 40.2	1.567	2.407	16.0	20.4

16322 4409 T_{-1} 2 24.9 20.°74 0.°9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.87	+ 7 47.0	1.354	2.200	16.8	18.2
2 1	10 47.86	+ 8 41.8	1.286	2.201	12.4	17.9
2 11	10 41.13	+ 9 54.2	1.239	2.203	7.4	17.6
2 21	10 32.50	+11 16.6	1.218	2.205	2.0	17.3
3 2	10 23.25	+12 38.7	1.223	2.207	4.0	17.4
3 12	10 14.83	+13 50.3	1.254	2.210	9.3	17.7
3 22	10 8.44	+14 44.4	1.308	2.213	14.1	18.0
4 1	10 4.88	+15 17.4	1.383	2.216	18.1	18.3

73980 1998 DV_8 2 24.9 207.°51 0.°8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.14	+ 8 34.4	1.961	2.784	13.3	20.6
2 1	10 48.88	+ 9 22.1	1.875	2.779	9.8	20.3
2 11	10 41.48	+10 21.8	1.813	2.773	5.9	20.1
2 21	10 32.58	+11 28.3	1.780	2.767	1.6	19.8
3 2	10 23.12	+12 34.6	1.776	2.760	3.2	19.9
3 12	10 14.17	+13 33.8	1.802	2.752	7.5	20.1
3 22	10 6.69	+14 21.0	1.854	2.743	11.4	20.3
4 1	10 1.39	+14 53.0	1.929	2.734	14.8	20.5

142454 2002 TW_1 2 24.9 48.°09 0.°3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.86	+ 6 47.7	1.416	2.253	16.7	19.7
2 1	10 49.02	+ 7 7.9	1.360	2.269	12.4	19.5
2 11	10 41.63	+ 7 43.0	1.325	2.285	7.5	19.2
2 21	10 32.60	+ 8 27.5	1.316	2.302	2.2	19.0
3 2	10 23.20	+ 9 14.1	1.333	2.320	3.2	19.1
3 12	10 14.79	+ 9 55.4	1.377	2.337	8.2	19.4
3 22	10 8.40	+10 26.0	1.446	2.355	12.7	19.7
4 1	10 4.70	+10 42.8	1.535	2.373	16.4	20.0

30491 2000 QJ_{38} 2 24.9 49.°14 0.°4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.99	+ 8 17.2	2.028	2.856	12.7	18.6
2 1	10 45.56	+ 8 53.3	1.964	2.870	9.3	18.4
2 11	10 39.33	+ 9 39.5	1.924	2.885	5.5	18.2
2 21	10 31.94	+10 31.1	1.912	2.899	1.5	17.9
3 2	10 24.26	+11 22.4	1.929	2.914	2.7	18.0
3 12	10 17.20	+12 7.7	1.975	2.929	6.6	18.3
3 22	10 11.52	+12 43.1	2.047	2.944	10.1	18.6
4 1	10 7.76	+13 6.0	2.142	2.959	13.1	18.8

150967 2001 TG_{169} 2 24.9 180.°68 0.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.40	+ 9 33.3	2.042	2.864	12.9	20.0
2 1	10 49.65	+ 9 49.0	1.962	2.864	9.5	19.8
2 11	10 41.85	+10 13.3	1.906	2.865	5.7	19.5
2 21	10 32.68	+10 42.0	1.878	2.865	1.6	19.3
3 2	10 23.06	+11 10.3	1.880	2.865	2.8	19.4
3 12	10 14.04	+11 33.6	1.912	2.864	6.9	19.6
3 22	10 6.49	+11 48.3	1.970	2.863	10.7	19.8
4 1	10 1.06	+11 52.5	2.051	2.862	13.8	20.0

165731 2001 QA_{125} 2 24.9 98.°71 1.°0/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.14	+10 32.6	2.386	3.211	11.1	20.1
2 1	10 46.16	+11 13.8	2.322	3.227	8.1	19.9
2 11	10 39.58	+12 2.1	2.283	3.243	4.8	19.8
2 21	10 32.00	+12 52.9	2.273	3.259	1.4	19.5
3 2	10 24.17	+13 41.2	2.293	3.275	2.8	19.7
3 12	10 16.89	+14 22.4	2.344	3.291	6.2	19.9
3 22	10 10.83	+14 53.4	2.421	3.306	9.3	20.1
4 1	10 6.49	+15 12.4	2.522	3.321	11.9	20.3

503013 2015 FL_{110} 2 24.9 305.°37 8.°6/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.93	+36 32.0	2.202	3.018	12.3	20.9
2 1	10 56.03	+37 10.9	2.136	3.009	10.3	20.8
2 11	10 45.66	+37 36.5	2.094	3.001	8.9	20.7
2 21	10 33.73	+37 41.1	2.078	2.993	8.7	20.7
3 2	10 21.49	+37 19.6	2.090	2.984	9.8	20.7
3 12	10 10.24	+36 31.1	2.129	2.976	11.8	20.8
3 22	10 1.02	+35 18.5	2.191	2.969	14.0	21.0
4 1	9 54.46	+33 46.8	2.273	2.961	16.1	21.1

466321 2013 QB_{79} 2 24.9 158.°80 0.°4/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.67	+ 7 21.6	2.436	3.242	11.5	22.1
2 1	10 49.50	+ 7 30.2	2.356	3.249	8.6	21.9
2 11	10 41.60	+ 7 47.1	2.301	3.256	5.2	21.7
2 21	10 32.59	+ 8 9.3	2.276	3.262	1.6	21.5
3 2	10 23.24	+ 8 33.1	2.282	3.267	2.2	21.5
3 12	10 14.42	+ 8 54.7	2.318	3.272	5.8	21.8
3 22	10 6.85	+ 9 11.0	2.383	3.276	9.1	22.0
4 1	10 1.09	+ 9 19.8	2.473	3.280	11.9	22.2

495234 2013 HP_{75} 2 24.9 190.°84 0.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.24	+ 8 45.6	2.077	2.896	12.8	22.9
2 1	10 49.54	+ 9 17.6	1.993	2.895	9.5	22.6
2 11	10 41.81	+ 9 59.6	1.934	2.893	5.7	22.4
2 21	10 32.68	+10 47.3	1.904	2.890	1.6	22.1
3 2	10 23.07	+11 34.8	1.903	2.887	2.9	22.2
3 12	10 14.00	+12 16.6	1.932	2.883	7.0	22.4
3 22	10 6.35	+12 48.6	1.988	2.879	10.7	22.7
4 1	10 0.80	+13 8.3	2.068	2.874	13.9	22.9

44946 1999 VU_{61} 2 24.9 283.°82 0.°4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.34	+ 8 8.2	1.599	2.434	15.2	19.5
2 1	10 48.80	+ 8 36.3	1.510	2.419	11.4	19.2
2 11	10 41.70	+ 9 18.6	1.444	2.405	6.9	18.9
2 21	10 32.72	+10 10.0	1.403	2.390	1.9	18.6
3 2	10 22.96	+11 3.3	1.390	2.375	3.4	18.6
3 12	10 13.75	+11 51.0	1.404	2.361	8.5	18.9
3 22	10 6.27	+12 27.0	1.443	2.346	13.1	19.1
4 1	10 1.40	+12 47.7	1.503	2.332	17.2	19.3

456101 2006 BE_{225} 2 24.9 343.°96 1.°8/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.76	+ 4 6.7	1.124	1.974	19.2	21.0
2 1	10 46.84	+ 4 10.1	1.050	1.964	14.7	20.7
2 11	10 40.82	+ 4 35.4	0.995	1.955	9.4	20.4
2 21	10 32.51	+ 5 19.1	0.962	1.947	3.7	20.0
3 2	10 23.30	+ 6 13.6	0.954	1.941	3.7	20.0
3 12	10 14.91	+ 7 8.7	0.968	1.936	9.6	20.3
3 22	10 8.79	+ 7 55.4	1.005	1.931	15.1	20.6
4 1	10 5.92	+ 8 27.0	1.060	1.929	19.9	20.8

381187 2007 NN_6 2 24.9 267.°91 6.°4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.83	+27 2.2	2.250	3.089	11.2	21.7
2 1	10 49.46	+28 21.0	2.163	3.065	8.8	21.5
2 11	10 41.89	+29 37.6	2.102	3.041	6.9	21.3
2 21	10 32.75	+30 43.9	2.069	3.016	6.5	21.3
3 2	10 22.94	+31 32.5	2.065	2.991	8.1	21.3
3 12	10 13.57	+31 58.4	2.087	2.965	10.7	21.4
3 22	10 5.62	+32 0.5	2.133	2.939	13.4	21.6
4 1	9 59.86	+31 40.2	2.199	2.913	15.9	21.7

207628 2006 SK_{111} 2 24.9 220.°90 0.°9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.15	+10 25.9	2.730	3.550	10.0	21.3
2 1	10 45.42	+11 6.0	2.638	3.542	7.4	21.1
2 11	10 39.18	+11 53.3	2.573	3.533	4.3	20.9
2 21	10 31.92	+12 43.9	2.538	3.524	1.3	20.6
3 2	10 24.29	+13 33.3	2.533	3.515	2.6	20.7
3 12	10 17.00	+14 17.1	2.559	3.505	5.8	20.9
3 22	10 10.71	+14 52.1	2.613	3.495	8.8	21.1
4 1	10 5.93	+15 16.1	2.691	3.485	11.4	21.3

369568 2011 BV_{30} 2 24.9 286.°50 4.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.88	+16 55.8	1.825	2.675	12.9	20.4
2 1	10 46.65	+18 24.5	1.754	2.671	9.5	20.2
2 11	10 40.22	+19 59.6	1.707	2.668	6.0	20.0
2 21	10 32.26	+21 32.3	1.689	2.665	4.2	19.8
3 2	10 23.77	+22 53.4	1.698	2.662	6.3	20.0
3 12	10 15.87	+23 55.6	1.735	2.659	9.8	20.2
3 22	10 9.55	+24 35.3	1.797	2.655	13.3	20.4
4 1	10 5.50	+24 52.1	1.878	2.652	16.3	20.6

126700 2002 CU_{232} 2 24.9 280.°99 5.°4/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.47	+21 24.8	1.897	2.747	12.5	19.8
2 1	10 47.84	+22 42.2	1.822	2.736	9.4	19.6
2 11	10 40.95	+24 1.5	1.771	2.726	6.5	19.4
2 21	10 32.47	+25 14.0	1.748	2.716	5.4	19.3
3 2	10 23.42	+26 11.4	1.753	2.705	7.3	19.4
3 12	10 14.96	+26 48.0	1.785	2.695	10.4	19.6
3 22	10 8.08	+27 1.5	1.840	2.684	13.7	19.8
4 1	10 3.53	+26 52.7	1.915	2.674	16.5	19.9

3088 Jinxiuzhonghua 2 24.9 26.°58 1.°4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.23	+ 1 52.3	2.061	2.870	13.2	16.1
2 1	10 44.36	+ 2 34.3	1.980	2.872	10.1	15.9
2 11	10 38.69	+ 3 32.7	1.923	2.874	6.4	15.7
2 21	10 31.81	+ 4 43.7	1.893	2.877	2.6	15.5
3 2	10 24.52	+ 6 1.3	1.893	2.879	2.4	15.4
3 12	10 17.72	+ 7 18.4	1.921	2.882	6.2	15.7
3 22	10 12.20	+ 8 28.9	1.977	2.885	9.9	15.9
4 1	10 8.55	+ 9 27.8	2.056	2.888	13.0	16.1

232620 2003 UR_{153} 2 24.9 143.°83 3.°3/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.60	− 2 1.4	2.370	3.144	12.8	20.9
2 1	10 48.06	− 2 14.9	2.287	3.152	10.1	20.7
2 11	10 40.79	− 2 14.0	2.228	3.159	7.1	20.6
2 21	10 32.39	− 1 59.9	2.196	3.165	4.2	20.4
3 2	10 23.62	− 1 35.1	2.194	3.172	3.5	20.3
3 12	10 15.33	− 1 3.7	2.221	3.177	5.8	20.5
3 22	10 8.26	− 0 29.9	2.277	3.183	8.8	20.7
4 1	10 2.97	+ 0 1.8	2.357	3.188	11.6	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
419053	2009 RP_{69}		2 24.9	118.°27	2.°6/27.1	18
	h m	° ′			°	m
1 22	10 55.73	+ 0 58.9	2.112	2.902	13.6	21.4
2 1	10 49.73	+ 0 50.1	2.038	2.916	10.5	21.2
2 11	10 41.82	+ 0 55.1	1.988	2.930	7.0	21.0
2 21	10 32.68	+ 1 12.1	1.966	2.944	3.6	20.9
3 2	10 23.20	+ 1 37.7	1.974	2.957	3.0	20.8
3 12	10 14.34	+ 2 7.3	2.011	2.969	6.2	21.1
3 22	10 6.92	+ 2 36.5	2.076	2.982	9.6	21.3
4 1	10 1.53	+ 3 1.2	2.165	2.994	12.6	21.5
422285	2014 SJ_{155}		2 24.9	193.°35	0.°5/25.3	17
1 22	10 54.91	+ 5 43.3	2.139	2.947	12.8	22.6
2 1	10 49.28	+ 6 12.4	2.051	2.945	9.6	22.3
2 11	10 41.66	+ 6 53.8	1.988	2.942	5.9	22.1
2 21	10 32.67	+ 7 43.7	1.953	2.939	1.9	21.8
3 2	10 23.18	+ 8 36.7	1.949	2.934	2.5	21.9
3 12	10 14.19	+ 9 27.1	1.974	2.929	6.5	22.1
3 22	10 6.56	+10 10.1	2.027	2.924	10.3	22.3
4 1	10 0.94	+10 42.3	2.105	2.917	13.5	22.5
271885	2004 VT_3		2 24.9	67.°54	2.°6/22.6	18
1 22	10 52.48	+14 10.9	1.870	2.712	13.0	20.4
2 1	10 47.63	+15 0.3	1.804	2.719	9.5	20.2
2 11	10 40.69	+15 56.0	1.763	2.726	5.7	20.0
2 21	10 32.38	+16 51.5	1.749	2.733	2.7	19.8
3 2	10 23.69	+17 39.9	1.764	2.740	4.5	19.9
3 12	10 15.68	+18 15.7	1.807	2.748	8.2	20.2
3 22	10 9.26	+18 35.8	1.875	2.755	11.8	20.4
4 1	10 5.04	+18 39.5	1.965	2.763	14.8	20.6
301127	2008 WT_{91}		2 24.9	271.°41	0.°9/25.8	17
1 22	10 50.54	+ 4 56.8	2.332	3.142	11.9	20.6
2 1	10 45.94	+ 5 10.6	2.239	3.133	9.0	20.4
2 11	10 39.61	+ 5 35.7	2.171	3.124	5.6	20.2
2 21	10 32.09	+ 6 9.0	2.130	3.115	2.1	20.0
3 2	10 24.12	+ 6 46.8	2.120	3.106	2.2	19.9
3 12	10 16.55	+ 7 24.3	2.138	3.097	5.8	20.2
3 22	10 10.13	+ 7 57.4	2.185	3.088	9.3	20.4
4 1	10 5.45	+ 8 22.7	2.255	3.079	12.3	20.5
502092	2015 AH_{248}		2 24.9	181.°65	1.°3/25.9	17
1 22	10 53.22	+ 4 18.3	2.035	2.845	13.4	21.9
2 1	10 48.08	+ 4 26.5	1.952	2.845	10.1	21.7
2 11	10 40.95	+ 4 47.4	1.893	2.845	6.4	21.4
2 21	10 32.47	+ 5 18.0	1.861	2.845	2.5	21.2
3 2	10 23.54	+ 5 54.1	1.859	2.845	2.5	21.2
3 12	10 15.15	+ 6 30.4	1.885	2.845	6.4	21.4
3 22	10 8.15	+ 7 2.3	1.939	2.844	10.2	21.7
4 1	10 3.20	+ 7 26.2	2.016	2.843	13.4	21.9
17902	Britbaker		2 24.9	296.°77	3.°8/27.8	18
1 22	10 50.52	− 2 25.0	1.459	2.268	17.7	18.5
2 1	10 46.90	− 2 9.7	1.370	2.257	14.1	18.3
2 11	10 40.66	− 1 28.1	1.302	2.245	9.7	18.0
2 21	10 32.48	− 0 22.2	1.257	2.233	5.4	17.7
3 2	10 23.47	+ 1 2.2	1.239	2.222	4.2	17.6
3 12	10 15.02	+ 2 35.4	1.246	2.211	8.2	17.8
3 22	10 8.34	+ 4 6.6	1.278	2.200	13.0	18.0
4 1	10 4.36	+ 5 26.8	1.332	2.190	17.3	18.2
19835	Zreda		2 24.9	281.°40	0.°4/24.6	18
1 22	10 52.68	+ 7 7.2	1.536	2.371	15.7	18.9
2 1	10 48.50	+ 7 50.1	1.441	2.351	11.8	18.6
2 11	10 41.65	+ 8 50.6	1.370	2.331	7.2	18.2
2 21	10 32.78	+10 3.4	1.324	2.311	2.0	17.9
3 2	10 22.98	+11 19.9	1.305	2.290	3.6	17.9
3 12	10 13.66	+12 30.8	1.313	2.270	8.9	18.2
3 22	10 6.08	+13 28.3	1.346	2.249	13.9	18.4
4 1	10 1.21	+14 7.5	1.399	2.228	18.2	18.6
200770	2001 XY_{18}		2 24.9	58.°78	5.°1/21.5	18
1 22	10 57.15	+18 40.5	1.364	2.220	16.0	19.5
2 1	10 51.77	+19 37.6	1.307	2.227	11.9	19.2
2 11	10 43.46	+20 37.8	1.273	2.234	7.6	19.0
2 21	10 33.22	+21 31.2	1.264	2.241	5.1	18.9
3 2	10 22.49	+22 8.2	1.281	2.249	7.2	19.0
3 12	10 12.86	+22 23.1	1.323	2.256	11.4	19.3
3 22	10 5.54	+22 14.6	1.389	2.264	15.4	19.5
4 1	10 1.28	+21 44.7	1.473	2.272	18.9	19.8
501851	2014 WJ_{194}		2 24.9	332.°78	3.°0/26.9	18
1 22	10 54.41	+ 1 46.8	1.641	2.452	16.0	21.1
2 1	10 49.43	+ 1 25.3	1.558	2.448	12.4	20.8
2 11	10 41.99	+ 1 19.8	1.497	2.444	8.3	20.6
2 21	10 32.82	+ 1 28.8	1.461	2.440	4.2	20.3
3 2	10 23.01	+ 1 49.0	1.453	2.437	3.7	20.3
3 12	10 13.83	+ 2 15.0	1.472	2.434	7.6	20.5
3 22	10 6.37	+ 2 41.1	1.516	2.431	11.8	20.8
4 1	10 1.43	+ 3 2.2	1.583	2.428	15.6	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
35576	1998 HB_{21}		2 24.9	219.°34	0.°8/24.1	18
	h m	° ′			°	m
1 22	10 51.57	+ 8 58.0	1.962	2.791	13.0	19.6
2 1	10 46.96	+ 9 41.0	1.882	2.789	9.6	19.3
2 11	10 40.33	+10 35.0	1.826	2.787	5.7	19.1
2 21	10 32.32	+11 35.0	1.798	2.785	1.6	18.8
3 2	10 23.84	+12 34.5	1.799	2.783	3.1	18.9
3 12	10 15.90	+13 27.0	1.829	2.780	7.3	19.2
3 22	10 9.38	+14 7.8	1.885	2.778	11.1	19.4
4 1	10 4.94	+14 34.3	1.963	2.776	14.3	19.6
276817	2004 PX_{60}		2 24.9	183.°94	1.°2/26.1	17
1 22	10 52.85	+ 3 34.8	2.417	3.215	11.8	21.9
2 1	10 47.53	+ 3 52.3	2.329	3.215	9.0	21.7
2 11	10 40.52	+ 4 21.6	2.266	3.215	5.7	21.5
2 21	10 32.35	+ 4 59.9	2.231	3.214	2.3	21.2
3 2	10 23.79	+ 5 43.2	2.228	3.213	2.2	21.2
3 12	10 15.67	+ 6 26.8	2.254	3.211	5.7	21.5
3 22	10 8.71	+ 7 6.3	2.308	3.209	9.0	21.7
4 1	10 3.50	+ 7 38.5	2.388	3.206	11.9	21.8
419179	2009 TJ_{39}		2 24.9	99.°81	12.°1/	9.9 18
1 22	11 3.93	+48 11.9	2.199	2.983	13.3	21.1
2 1	10 56.45	+50 6.6	2.190	3.006	12.4	21.0
2 11	10 46.07	+51 38.1	2.205	3.029	12.1	21.1
2 21	10 33.91	+52 38.1	2.243	3.051	12.5	21.1
3 2	10 21.48	+53 1.9	2.303	3.073	13.5	21.2
3 12	10 10.34	+52 50.2	2.383	3.094	14.7	21.4
3 22	10 1.67	+52 7.9	2.480	3.115	15.9	21.5
4 1	9 56.10	+51 1.2	2.591	3.135	16.9	21.6
92808	2000 QE_{166}		2 24.9	6.°77	5.°1/27.9	18
1 22	10 53.01	− 1 15.3	1.219	2.041	19.7	18.2
2 1	10 49.00	− 1 52.8	1.149	2.041	15.7	17.9
2 11	10 42.00	− 2 6.8	1.098	2.042	11.0	17.6
2 21	10 32.86	− 1 57.4	1.069	2.044	6.6	17.4
3 2	10 22.98	− 1 28.1	1.065	2.046	5.5	17.3
3 12	10 13.97	− 0 46.5	1.085	2.050	9.2	17.5
3 22	10 7.18	− 0 1.3	1.128	2.054	13.9	17.8
4 1	10 3.50	+ 0 39.1	1.191	2.059	18.2	18.1
341734	2007 VT_{243}		2 24.9	143.°47	3.°9/20.4	17
1 22	10 51.94	+20 57.1	2.517	3.355	10.2	20.8
2 1	10 46.82	+21 55.5	2.451	3.361	7.6	20.6
2 11	10 40.05	+22 53.8	2.413	3.367	5.1	20.5
2 21	10 32.21	+23 46.5	2.403	3.372	3.9	20.4
3 2	10 24.06	+24 28.2	2.423	3.378	5.3	20.5
3 12	10 16.44	+24 55.2	2.472	3.383	7.9	20.7
3 22	10 10.05	+25 6.1	2.546	3.387	10.4	20.8
4 1	10 5.40	+25 1.1	2.643	3.392	12.7	21.0
182422	2001 RF_{104}		2 24.9	164.°39	0.°2/25.1	17
1 22	10 53.23	+ 6 10.4	2.142	2.955	12.7	21.8
2 1	10 47.98	+ 6 44.5	2.062	2.960	9.4	21.6
2 11	10 40.85	+ 7 30.4	2.008	2.964	5.7	21.3
2 21	10 32.46	+ 8 24.0	1.981	2.967	1.7	21.1
3 2	10 23.66	+ 9 19.8	1.985	2.971	2.4	21.1
3 12	10 15.39	+10 12.0	2.018	2.973	6.4	21.4
3 22	10 8.47	+10 55.9	2.079	2.975	10.0	21.6
4 1	10 3.51	+11 28.6	2.163	2.977	13.1	21.8
306341	2011 SV_{135}		2 24.9	81.°49	2.°4/23.2	18
1 22	10 58.32	+13 18.5	1.471	2.314	15.9	21.2
2 1	10 52.24	+13 57.3	1.419	2.334	11.6	21.0
2 11	10 43.54	+14 43.7	1.391	2.353	6.9	20.8
2 21	10 33.21	+15 30.0	1.388	2.373	2.7	20.6
3 2	10 22.58	+16 8.3	1.413	2.392	4.7	20.8
3 12	10 13.04	+16 32.9	1.465	2.411	9.2	21.1
3 22	10 5.67	+16 41.0	1.541	2.430	13.3	21.3
4 1	10 1.11	+16 32.6	1.638	2.449	16.8	21.6
79446	1997 VC_7		2 24.9	168.°69	1.°6/26.7	18
1 22	10 53.41	+ 1 37.7	2.597	3.382	11.5	20.3
2 1	10 47.80	+ 1 57.3	2.510	3.388	8.8	20.1
2 11	10 40.62	+ 2 29.1	2.449	3.393	5.7	20.0
2 21	10 32.38	+ 3 10.6	2.417	3.398	2.6	19.8
3 2	10 23.79	+ 3 58.2	2.416	3.401	2.3	19.7
3 12	10 15.63	+ 4 47.2	2.446	3.404	5.3	19.9
3 22	10 8.58	+ 5 33.4	2.505	3.406	8.4	20.1
4 1	10 3.17	+ 6 13.1	2.590	3.407	11.1	20.3
113239	2002 RQ_{126}		2 24.9	250.°96	4.°3/21.3	18
1 22	10 55.52	+18 16.1	1.766	2.611	13.5	20.3
2 1	10 50.25	+19 15.8	1.686	2.600	10.0	20.1
2 11	10 42.50	+20 19.8	1.630	2.589	6.4	19.8
2 21	10 32.98	+21 20.2	1.601	2.578	4.3	19.7
3 2	10 22.81	+22 8.5	1.600	2.566	6.3	19.8
3 12	10 13.27	+22 38.6	1.627	2.554	10.1	19.9
3 22	10 5.46	+22 47.7	1.677	2.542	13.8	20.1
4 1	10 0.19	+22 36.3	1.749	2.529	17.1	20.3

269784 1999 TZ_{210} 2 24.9 127.°51 1.°5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.33	+13 37.9	2.535	3.354	10.7	21.1
2 1	10 49.86	+14 3.0	2.470	3.372	7.8	21.0
2 11	10 41.77	+14 31.9	2.431	3.390	4.6	20.8
2 21	10 32.68	+15 0.5	2.422	3.407	1.8	20.6
3 2	10 23.38	+15 24.6	2.445	3.423	3.1	20.7
3 12	10 14.68	+15 41.0	2.498	3.439	6.2	21.0
3 22	10 7.27	+15 47.7	2.579	3.454	9.2	21.2
4 1	10 1.64	+15 44.1	2.684	3.468	11.7	21.4

66807 1999 TD_{288} 2 24.9 5.°63 1.°6/23.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.84	+11 31.2	1.930	2.766	12.9	19.0
2 1	10 47.17	+12 12.8	1.855	2.766	9.5	18.8
2 11	10 40.46	+13 3.0	1.804	2.766	5.6	18.5
2 21	10 32.37	+13 56.4	1.780	2.766	1.9	18.3
3 2	10 23.83	+14 46.4	1.785	2.766	3.7	18.4
3 12	10 15.88	+15 27.2	1.819	2.766	7.6	18.7
3 22	10 9.41	+15 54.9	1.878	2.767	11.4	18.9
4 1	10 5.06	+16 7.7	1.959	2.767	14.5	19.1

109468 2001 QG_{217} 2 24.9 326.°14 3.°5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.03	+17 30.3	1.500	2.348	15.3	18.9
2 1	10 52.40	+17 43.2	1.421	2.338	11.4	18.6
2 11	10 43.91	+17 58.4	1.366	2.328	7.1	18.3
2 21	10 33.40	+18 9.3	1.337	2.319	3.7	18.1
3 2	10 22.21	+18 9.2	1.334	2.311	5.6	18.2
3 12	10 11.86	+17 53.7	1.358	2.302	10.1	18.4
3 22	10 3.62	+17 21.7	1.406	2.295	14.4	18.7
4 1	9 58.34	+16 34.4	1.475	2.288	18.2	18.9

167219 2003 UH_{31} 2 24.9 340.°41 1.°3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.52	+ 4 18.0	1.309	2.149	17.6	19.9
2 1	10 47.06	+ 4 35.1	1.232	2.141	13.4	19.6
2 11	10 40.82	+ 5 12.5	1.175	2.134	8.5	19.3
2 21	10 32.56	+ 6 5.9	1.142	2.127	3.1	18.9
3 2	10 23.52	+ 7 7.6	1.135	2.122	3.3	18.9
3 12	10 15.22	+ 8 8.3	1.152	2.117	8.8	19.2
3 22	10 8.92	+ 8 59.7	1.193	2.113	13.9	19.5
4 1	10 5.51	+ 9 36.0	1.254	2.109	18.3	19.8

499116 2009 HF_{78} 2 24.9 296.°05 1.°0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.53	+ 4 12.7	1.587	2.412	15.8	22.2
2 1	10 48.53	+ 4 40.6	1.475	2.376	12.2	21.9
2 11	10 41.81	+ 5 28.6	1.384	2.340	7.7	21.5
2 21	10 32.91	+ 6 33.3	1.319	2.304	2.7	21.1
3 2	10 22.83	+ 7 48.3	1.281	2.267	3.2	21.0
3 12	10 12.96	+ 9 4.6	1.270	2.231	8.7	21.3
3 22	10 4.63	+10 13.2	1.284	2.194	13.9	21.4
4 1	9 58.97	+11 7.2	1.319	2.156	18.6	21.6

330045 2005 UC_{313} 2 24.9 137.°88 1.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.04	+12 36.5	2.029	2.859	12.6	21.4
2 1	10 49.38	+13 7.9	1.958	2.866	9.3	21.2
2 11	10 41.71	+13 45.8	1.912	2.873	5.5	20.9
2 21	10 32.72	+14 25.0	1.894	2.879	2.0	20.7
3 2	10 23.36	+14 59.9	1.905	2.885	3.6	20.8
3 12	10 14.65	+15 25.7	1.946	2.891	7.4	21.1
3 22	10 7.46	+15 39.5	2.012	2.896	10.9	21.3
4 1	10 2.38	+15 40.3	2.102	2.902	13.9	21.5

26915 1996 LV_1 2 24.9 326.°11 9.°0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.90	−12 35.8	1.607	2.358	18.8	17.5
2 1	10 47.05	−13 29.0	1.518	2.349	16.1	17.2
2 11	10 40.71	−13 55.0	1.448	2.340	13.1	17.0
2 21	10 32.53	−13 50.5	1.399	2.332	10.4	16.8
3 2	10 23.54	−13 15.3	1.374	2.324	9.1	16.7
3 12	10 15.06	−12 14.3	1.374	2.317	10.1	16.8
3 22	10 8.23	−10 56.1	1.398	2.310	12.8	16.9
4 1	10 3.95	− 9 31.1	1.444	2.304	16.0	17.1

254464 2005 CE_{67} 2 24.9 282.°74 0.°9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.67	+11 6.8	1.588	2.423	15.3	20.3
2 1	10 52.07	+11 10.9	1.500	2.409	11.4	20.0
2 11	10 43.72	+11 23.7	1.435	2.396	6.9	19.7
2 21	10 33.39	+11 40.5	1.396	2.382	2.0	19.3
3 2	10 22.26	+11 55.5	1.384	2.369	3.6	19.4
3 12	10 11.77	+12 3.4	1.401	2.355	8.7	19.7
3 22	10 3.17	+12 0.6	1.442	2.342	13.4	19.9
4 1	9 57.35	+11 45.5	1.505	2.329	17.4	20.1

81139 2000 EE_{136} 2 24.9 48.°83 5.°4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.41	+21 15.1	1.300	2.153	16.9	19.3
2 1	10 55.37	+21 42.6	1.263	2.180	12.5	19.1
2 11	10 45.39	+22 7.3	1.248	2.207	8.1	19.0
2 21	10 33.73	+22 20.6	1.258	2.234	5.4	18.9
3 2	10 22.03	+22 15.9	1.295	2.262	7.2	19.1
3 12	10 11.89	+21 51.0	1.357	2.291	11.1	19.4
3 22	10 4.39	+21 7.7	1.443	2.319	14.9	19.7
4 1	10 0.07	+20 9.4	1.548	2.348	18.1	19.9

209379 2004 EU_{31} 2 24.9 270.°28 0.°2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.78	+ 9 15.3	2.296	3.116	11.7	20.3
2 1	10 47.58	+ 9 24.4	2.211	3.112	8.7	20.1
2 11	10 40.60	+ 9 41.2	2.150	3.109	5.2	19.9
2 21	10 32.43	+10 2.2	2.119	3.105	1.5	19.6
3 2	10 23.84	+10 23.5	2.117	3.102	2.4	19.7
3 12	10 15.74	+10 41.3	2.144	3.098	6.2	19.9
3 22	10 8.88	+10 52.4	2.199	3.094	9.6	20.1
4 1	10 3.86	+10 54.8	2.278	3.091	12.6	20.3

20315 1998 FD_{130} 2 24.9 211.°75 3.°5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.45	− 4 50.5	2.344	3.111	13.1	19.8
2 1	10 45.91	− 4 30.0	2.247	3.105	10.5	19.6
2 11	10 39.64	− 3 50.8	2.173	3.099	7.5	19.4
2 21	10 32.17	− 2 54.5	2.125	3.092	4.6	19.2
3 2	10 24.23	− 1 44.9	2.108	3.085	3.6	19.1
3 12	10 16.67	− 0 27.6	2.120	3.078	5.9	19.2
3 22	10 10.24	+ 0 50.9	2.160	3.070	9.0	19.4
4 1	10 5.54	+ 2 4.6	2.225	3.062	12.0	19.6

81658 2000 HO_{87} 2 24.9 244.°10 3.°2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.91	− 3 6.9	2.068	2.850	14.1	20.1
2 1	10 46.52	− 2 40.4	1.966	2.837	11.2	19.8
2 11	10 40.15	− 1 53.3	1.888	2.824	7.8	19.6
2 21	10 32.35	− 0 47.8	1.836	2.810	4.4	19.4
3 2	10 23.94	+ 0 31.8	1.814	2.796	3.4	19.3
3 12	10 15.90	+ 1 58.2	1.820	2.781	6.5	19.4
3 22	10 9.12	+ 3 24.0	1.854	2.766	10.2	19.6
4 1	10 4.32	+ 4 42.4	1.913	2.750	13.6	19.8

271841 2004 TW_{206} 2 24.9 337.°92 7.°4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.97	−11 23.4	1.714	2.471	17.6	20.0
2 1	10 44.69	−11 43.1	1.623	2.463	14.8	19.7
2 11	10 39.19	−11 35.3	1.553	2.455	11.7	19.5
2 21	10 32.09	−10 58.6	1.504	2.448	8.8	19.3
3 2	10 24.34	− 9 54.9	1.481	2.441	7.4	19.2
3 12	10 17.08	− 8 30.8	1.484	2.436	8.6	19.3
3 22	10 11.32	− 6 55.3	1.511	2.430	11.5	19.4
4 1	10 7.84	− 5 18.6	1.562	2.426	14.8	19.6

498877 2008 YD_{102} 2 24.9 14.°62 3.°0/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.96	+14 18.6	1.922	2.768	12.5	21.1
2 1	10 45.09	+15 31.9	1.853	2.770	9.1	20.9
2 11	10 39.24	+16 52.7	1.809	2.772	5.5	20.6
2 21	10 32.06	+18 13.6	1.793	2.775	3.0	20.5
3 2	10 24.46	+19 26.7	1.806	2.778	4.9	20.6
3 12	10 17.44	+20 25.3	1.846	2.781	8.5	20.8
3 22	10 11.85	+21 5.7	1.911	2.785	11.9	21.1
4 1	10 8.32	+21 26.7	1.998	2.789	14.9	21.3

246798 2009 EB_{12} 2 24.9 137.°60 1.°5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 47.94	− 0 42.5	2.580	3.367	11.5	20.5
2 1	10 43.84	+ 0 23.0	2.494	3.372	8.8	20.3
2 11	10 38.29	+ 1 44.6	2.433	3.377	5.7	20.1
2 21	10 31.76	+ 3 18.5	2.402	3.382	2.6	19.9
3 2	10 24.91	+ 4 59.2	2.402	3.387	2.1	19.9
3 12	10 18.45	+ 6 39.9	2.433	3.392	5.2	20.1
3 22	10 13.00	+ 8 14.6	2.493	3.396	8.3	20.3
4 1	10 9.05	+ 9 38.3	2.580	3.401	11.0	20.5

267207 2000 SG_{251} 2 24.9 102.°43 4.°0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.50	+18 58.7	1.948	2.789	12.6	20.3
2 1	10 49.78	+19 50.8	1.889	2.802	9.3	20.1
2 11	10 41.96	+20 44.2	1.856	2.814	5.9	20.0
2 21	10 32.81	+21 32.0	1.850	2.826	4.0	19.9
3 2	10 23.35	+22 7.8	1.874	2.838	5.7	20.0
3 12	10 14.66	+22 27.2	1.925	2.850	8.9	20.2
3 22	10 7.63	+22 28.9	2.001	2.861	12.1	20.4
4 1	10 2.84	+22 13.6	2.099	2.872	14.8	20.6

322652 1999 JO_8 2 24.9 283.°52 9.°4/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.82	+38 23.2	2.449	3.259	11.4	22.1
2 1	10 55.18	+40 21.8	2.353	3.213	10.0	21.9
2 11	10 45.73	+42 13.1	2.284	3.166	9.4	21.8
2 21	10 34.05	+43 46.5	2.242	3.117	10.0	21.8
3 2	10 21.16	+44 52.9	2.227	3.068	11.5	21.8
3 12	10 8.44	+45 27.0	2.237	3.016	13.6	21.8
3 22	9 57.24	+45 28.6	2.268	2.964	15.8	21.9
4 1	9 48.63	+45 0.8	2.315	2.910	17.8	22.0

332516 2008 HB_{14} 2 24.9 309.°97 2.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.70	− 0 23.7	1.743	2.546	15.5	20.8
2 1	10 47.31	− 0 14.5	1.660	2.545	12.1	20.6
2 11	10 40.68	+ 0 14.1	1.599	2.543	8.2	20.3
2 21	10 32.51	+ 0 59.7	1.564	2.541	4.2	20.1
3 2	10 23.76	+ 1 57.5	1.556	2.540	3.4	20.0
3 12	10 15.59	+ 3 0.2	1.576	2.538	7.1	20.2
3 22	10 8.98	+ 4 0.7	1.622	2.537	11.2	20.5
4 1	10 4.66	+ 4 52.9	1.691	2.536	14.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
140450	2001 TE_{121}		2 24.9	206.°29	2.°8/28.0	18
	h m	° ′			°	m
1 22	10 51.18	− 1 57.8	2.804	3.573	11.1	20.6
2 1	10 46.16	− 2 1.3	2.706	3.569	8.8	20.4
2 11	10 39.67	− 1 52.1	2.633	3.563	6.1	20.2
2 21	10 32.17	− 1 31.5	2.588	3.558	3.6	20.1
3 2	10 24.30	− 1 1.7	2.574	3.552	3.0	20.0
3 12	10 16.75	− 0 26.3	2.589	3.546	5.1	20.1
3 22	10 10.16	+ 0 10.8	2.634	3.539	7.8	20.3
4 1	10 5.04	+ 0 45.8	2.704	3.532	10.4	20.5
498999	2009 CG_{8}		2 24.9	155.°45	4.°7/29.4	17
1 22	10 52.75	− 6 20.3	2.454	3.205	13.0	22.0
2 1	10 47.48	− 6 47.4	2.365	3.209	10.6	21.9
2 11	10 40.52	− 6 58.5	2.300	3.212	8.0	21.7
2 21	10 32.43	− 6 53.6	2.261	3.214	5.6	21.6
3 2	10 23.92	− 6 34.4	2.251	3.217	4.7	21.5
3 12	10 15.83	− 6 4.3	2.270	3.219	6.2	21.6
3 22	10 8.89	− 5 27.8	2.317	3.221	8.8	21.8
4 1	10 3.66	− 4 49.9	2.389	3.223	11.4	21.9
490623	2010 AZ_{32}		2 24.9	347.°68	5.°0/21.5	17
1 22	10 50.79	+15 27.4	1.066	1.941	18.0	20.7
2 1	10 47.83	+16 42.2	1.003	1.934	13.3	20.4
2 11	10 41.54	+18 8.8	0.961	1.928	8.3	20.1
2 21	10 32.83	+19 34.9	0.941	1.923	5.0	19.9
3 2	10 23.28	+20 46.6	0.945	1.919	7.8	20.0
3 12	10 14.76	+21 33.0	0.972	1.916	13.0	20.3
3 22	10 8.75	+21 49.5	1.018	1.914	17.9	20.6
4 1	10 6.19	+21 36.7	1.082	1.914	22.2	20.8
106569	2000 WC_{89}		2 24.9	151.°06	1.°9/26.5	18
1 22	10 55.39	+ 1 57.4	1.927	2.727	14.4	20.4
2 1	10 49.75	+ 2 15.9	1.850	2.736	11.0	20.2
2 11	10 42.01	+ 2 50.3	1.797	2.744	7.1	20.0
2 21	10 32.86	+ 3 37.3	1.770	2.752	3.1	19.8
3 2	10 23.27	+ 4 31.8	1.773	2.759	2.7	19.7
3 12	10 14.31	+ 5 27.3	1.806	2.765	6.6	20.0
3 22	10 6.88	+ 6 17.9	1.865	2.770	10.5	20.2
4 1	10 1.65	+ 6 59.4	1.948	2.775	13.8	20.5
365097	2009 BX_{149}		2 24.9	358.°55	0.°7/25.3	18
1 22	10 51.95	+ 6 36.7	1.199	2.049	18.2	21.0
2 1	10 48.28	+ 6 43.2	1.130	2.046	13.8	20.7
2 11	10 41.62	+ 7 7.0	1.082	2.044	8.5	20.4
2 21	10 32.83	+ 7 43.5	1.056	2.043	2.7	20.1
3 2	10 23.31	+ 8 25.1	1.055	2.042	3.5	20.1
3 12	10 14.70	+ 9 3.4	1.079	2.043	9.3	20.4
3 22	10 8.32	+ 9 31.3	1.125	2.045	14.5	20.7
4 1	10 5.05	+ 9 44.6	1.191	2.048	18.9	21.0
272568	2005 UX_{499}		2 24.9	97.°81	0.°7/25.6	18
1 22	10 51.29	+ 2 56.6	1.983	2.793	13.7	20.9
2 1	10 46.60	+ 3 59.9	1.917	2.811	10.2	20.7
2 11	10 40.05	+ 5 19.4	1.876	2.830	6.3	20.5
2 21	10 32.29	+ 6 49.5	1.862	2.848	2.1	20.3
3 2	10 24.22	+ 8 22.8	1.879	2.865	2.4	20.3
3 12	10 16.77	+ 9 51.5	1.925	2.883	6.5	20.6
3 22	10 10.75	+11 9.2	1.999	2.900	10.2	20.9
4 1	10 6.71	+12 11.8	2.097	2.916	13.3	21.1
435350	2007 VP_{172}		2 24.9	42.°86	1.°2/23.8	18
1 22	10 50.97	+10 48.3	1.913	2.749	13.0	21.2
2 1	10 46.44	+11 24.9	1.851	2.762	9.5	21.0
2 11	10 39.97	+12 10.0	1.814	2.776	5.6	20.8
2 21	10 32.27	+12 58.1	1.803	2.790	1.7	20.5
3 2	10 24.26	+13 43.3	1.822	2.804	3.3	20.7
3 12	10 16.93	+14 20.1	1.868	2.819	7.2	20.9
3 22	10 11.09	+14 45.0	1.941	2.834	10.8	21.2
4 1	10 7.30	+14 56.3	2.035	2.849	13.8	21.4
26014	2051 P–L		2 24.9	245.°36	1.°5/26.2	18
1 22	10 53.82	+ 3 6.3	1.943	2.750	14.0	20.0
2 1	10 48.81	+ 3 24.8	1.845	2.736	10.8	19.8
2 11	10 41.61	+ 3 58.9	1.770	2.721	6.9	19.5
2 21	10 32.80	+ 4 45.6	1.722	2.705	2.8	19.2
3 2	10 23.32	+ 5 40.1	1.703	2.689	2.7	19.2
3 12	10 14.24	+ 6 35.7	1.713	2.673	6.9	19.4
3 22	10 6.57	+ 7 26.6	1.750	2.656	11.1	19.6
4 1	10 1.07	+ 8 7.8	1.810	2.638	14.7	19.8
125982	2001 YC_{22}		2 24.9	271.°11	0.°8/24.2	18
1 22	10 53.22	+ 9 35.1	1.815	2.646	13.8	20.5
2 1	10 48.36	+10 4.6	1.735	2.644	10.2	20.3
2 11	10 41.28	+10 44.7	1.680	2.641	6.1	20.0
2 21	10 32.68	+11 30.3	1.652	2.639	1.7	19.7
3 2	10 23.56	+12 15.2	1.652	2.636	3.2	19.8
3 12	10 15.05	+12 53.1	1.680	2.633	7.6	20.1
3 22	10 8.12	+13 19.9	1.734	2.631	11.7	20.3
4 1	10 3.46	+13 32.9	1.810	2.628	15.1	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
312038	2007 RT_{174}		2 24.9	113.°00	3.°0/22.4	18
	h m	° ′			°	m
1 22	10 57.77	+15 6.9	1.781	2.617	13.8	21.4
2 1	10 51.55	+16 0.4	1.724	2.636	10.1	21.2
2 11	10 43.06	+16 59.1	1.693	2.654	6.1	21.0
2 21	10 33.15	+17 55.4	1.689	2.672	3.1	20.9
3 2	10 22.93	+18 42.2	1.715	2.689	4.9	21.0
3 12	10 13.60	+19 14.1	1.769	2.705	8.7	21.3
3 22	10 6.10	+19 28.8	1.848	2.721	12.3	21.5
4 1	10 1.04	+19 26.4	1.949	2.736	15.3	21.8
109859	2001 RB_{137}		2 24.9	94.°58	1.°3/23.5	18
1 22	10 50.32	+10 50.9	2.339	3.167	11.2	19.8
2 1	10 45.68	+11 40.8	2.273	3.180	8.2	19.7
2 11	10 39.41	+12 38.2	2.232	3.193	4.8	19.5
2 21	10 32.10	+13 38.1	2.220	3.206	1.6	19.3
3 2	10 24.52	+14 35.0	2.238	3.219	3.1	19.4
3 12	10 17.46	+15 23.7	2.286	3.231	6.4	19.6
3 22	10 11.61	+16 1.0	2.360	3.244	9.6	19.8
4 1	10 7.49	+16 25.1	2.458	3.256	12.2	20.0
87950	2000 SG_{367}		2 24.9	272.°10	7.°4/	1.4 17
1 22	10 54.21	−10 1.8	1.931	2.676	16.3	19.4
2 1	10 49.17	−10 55.0	1.835	2.666	13.7	19.2
2 11	10 41.86	−11 27.4	1.759	2.656	10.9	19.0
2 21	10 32.89	−11 36.6	1.707	2.645	8.4	18.9
3 2	10 23.18	−11 22.7	1.681	2.635	7.4	18.8
3 12	10 13.87	−10 49.0	1.683	2.624	8.7	18.8
3 22	10 5.98	−10 1.6	1.710	2.613	11.4	19.0
4 1	10 0.32	− 9 8.1	1.760	2.603	14.4	19.1
340805	2006 TY_{98}		2 24.9	51.°31	3.°6/29.2	18
1 22	10 47.44	− 6 12.2	2.125	2.896	14.1	20.2
2 1	10 43.71	− 5 30.5	2.050	2.911	11.3	20.1
2 11	10 38.30	− 4 27.1	1.998	2.925	8.0	19.9
2 21	10 31.80	− 3 4.7	1.973	2.940	4.9	19.7
3 2	10 24.99	− 1 29.0	1.976	2.955	3.7	19.7
3 12	10 18.70	+ 0 12.6	2.009	2.970	5.9	19.8
3 22	10 13.65	+ 1 52.1	2.070	2.986	9.1	20.1
4 1	10 10.36	+ 3 23.1	2.156	3.001	12.0	20.3
500672	2012 VM_{43}		2 24.9	129.°25	4.°9/19.1	18
1 22	10 51.83	+24 15.1	2.509	3.349	10.1	21.1
2 1	10 46.81	+25 20.7	2.448	3.355	7.7	20.9
2 11	10 40.10	+26 24.1	2.413	3.360	5.6	20.8
2 21	10 32.31	+27 19.1	2.407	3.366	4.9	20.8
3 2	10 24.20	+28 0.4	2.431	3.371	6.3	20.9
3 12	10 16.64	+28 24.6	2.482	3.376	8.6	21.0
3 22	10 10.34	+28 30.6	2.557	3.381	11.0	21.2
4 1	10 5.82	+28 19.4	2.655	3.386	13.1	21.3
194525	2001 XV_{17}		2 24.9	44.°48	4.°7/21.9	18
1 22	10 56.35	+17 16.3	1.219	2.081	17.2	19.4
2 1	10 51.36	+18 12.0	1.169	2.092	12.6	19.2
2 11	10 43.30	+19 12.5	1.141	2.105	7.9	19.0
2 21	10 33.26	+20 7.1	1.138	2.118	4.8	18.8
3 2	10 22.80	+20 46.0	1.159	2.131	7.0	19.0
3 12	10 13.58	+21 2.8	1.205	2.145	11.5	19.3
3 22	10 6.84	+20 56.1	1.274	2.160	15.8	19.6
4 1	10 3.28	+20 27.8	1.360	2.174	19.4	19.8
356501	2011 SE_{35}		2 24.9	133.°49	0.°9/25.7	18
1 22	10 54.54	+ 3 56.3	1.690	2.506	15.3	21.5
2 1	10 49.37	+ 4 32.7	1.618	2.516	11.6	21.3
2 11	10 41.89	+ 5 26.2	1.570	2.525	7.2	21.0
2 21	10 32.86	+ 6 31.7	1.548	2.533	2.5	20.7
3 2	10 23.35	+ 7 42.1	1.555	2.541	2.8	20.8
3 12	10 14.57	+ 8 49.4	1.590	2.549	7.4	21.1
3 22	10 7.50	+ 9 47.1	1.651	2.556	11.7	21.3
4 1	10 2.85	+10 30.8	1.734	2.562	15.2	21.6
336352	2008 TA_{130}		2 24.9	256.°77	3.°5/21.7	17
1 22	10 55.73	+18 41.3	2.210	3.044	11.5	20.9
2 1	10 50.02	+19 19.5	2.119	3.028	8.6	20.7
2 11	10 42.22	+19 59.8	2.053	3.011	5.5	20.5
2 21	10 32.96	+20 36.5	2.016	2.993	3.5	20.3
3 2	10 23.15	+21 3.7	2.009	2.976	5.1	20.4
3 12	10 13.80	+21 17.0	2.030	2.957	8.4	20.6
3 22	10 5.84	+21 14.6	2.078	2.939	11.6	20.7
4 1	9 59.97	+20 56.4	2.148	2.920	14.5	20.9
385277	2001 SM_{214}		2 24.9	104.°74	1.°4/26.7	18
1 22	10 49.36	+ 0 51.3	2.595	3.385	11.4	21.1
2 1	10 44.80	+ 1 35.9	2.524	3.404	8.6	21.0
2 11	10 38.82	+ 2 33.9	2.477	3.423	5.6	20.8
2 21	10 31.94	+ 3 41.8	2.460	3.441	2.4	20.6
3 2	10 24.81	+ 4 54.8	2.474	3.459	2.0	20.6
3 12	10 18.15	+ 6 7.5	2.518	3.477	5.0	20.8
3 22	10 12.55	+ 7 14.9	2.591	3.494	8.0	21.0
4 1	10 8.47	+ 8 13.4	2.690	3.511	10.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
89367	2001 VT_{84}		2 24.9	332.°34	2.°7/27.3	17
	h m	° ′			°	m
1 22	10 51.66	+ 0 45.0	2.159	2.954	13.2	19.4
2 1	10 46.90	+ 0 32.5	2.070	2.950	10.3	19.2
2 11	10 40.28	+ 0 33.5	2.005	2.947	7.0	19.0
2 21	10 32.40	+ 0 46.8	1.967	2.943	3.7	18.8
3 2	10 24.05	+ 1 9.3	1.957	2.940	3.1	18.7
3 12	10 16.15	+ 1 36.9	1.977	2.937	6.1	18.9
3 22	10 9.52	+ 2 5.0	2.023	2.934	9.5	19.1
4 1	10 4.78	+ 2 29.6	2.094	2.931	12.6	19.3
427724	2004 JW_{31}		2 24.9	282.°95	0.°6/25.6	16
1 22	10 48.87	+ 3 33.1	2.535	3.339	11.2	22.0
2 1	10 44.79	+ 4 27.6	2.417	3.308	8.5	21.8
2 11	10 39.04	+ 5 37.1	2.324	3.277	5.3	21.5
2 21	10 32.07	+ 6 58.1	2.261	3.246	1.8	21.3
3 2	10 24.51	+ 8 25.4	2.228	3.214	2.1	21.2
3 12	10 17.14	+ 9 52.5	2.226	3.182	5.8	21.4
3 22	10 10.72	+11 13.5	2.253	3.149	9.4	21.6
4 1	10 5.87	+12 23.6	2.304	3.116	12.5	21.7
59689	1999 JS_{111}		2 24.9	119.°38	0.°6/25.4	18
1 22	10 53.71	+ 4 26.9	1.632	2.454	15.5	19.1
2 1	10 48.83	+ 5 9.9	1.562	2.463	11.7	18.8
2 11	10 41.60	+ 6 10.3	1.515	2.472	7.2	18.6
2 21	10 32.79	+ 7 22.5	1.495	2.480	2.3	18.3
3 2	10 23.50	+ 8 38.8	1.502	2.489	2.9	18.4
3 12	10 14.95	+ 9 50.6	1.538	2.497	7.6	18.7
3 22	10 8.15	+10 51.1	1.599	2.504	12.0	18.9
4 1	10 3.80	+11 36.2	1.683	2.512	15.6	19.2
378353	2007 JR_{21}		2 24.9	212.°20	3.°1/28.1	17
1 22	10 51.14	− 2 42.4	2.374	3.150	12.7	21.5
2 1	10 46.40	− 2 32.3	2.278	3.144	10.1	21.3
2 11	10 39.95	− 2 5.9	2.206	3.138	7.0	21.1
2 21	10 32.32	− 1 24.8	2.161	3.132	4.1	20.9
3 2	10 24.22	− 0 32.4	2.146	3.126	3.3	20.9
3 12	10 16.50	+ 0 26.3	2.160	3.119	5.8	21.0
3 22	10 9.91	+ 1 25.7	2.202	3.111	8.9	21.2
4 1	10 5.03	+ 2 20.9	2.270	3.104	11.9	21.4
82050	2000 SW_{312}		2 24.9	226.°50	5.°8/ 2.9	18
1 22	10 50.08	−13 40.7	2.975	3.674	12.0	19.6
2 1	10 45.39	−14 1.3	2.868	3.663	10.3	19.5
2 11	10 39.26	−14 4.6	2.782	3.653	8.4	19.3
2 21	10 32.11	−13 50.0	2.723	3.642	6.6	19.2
3 2	10 24.54	−13 18.2	2.691	3.630	5.8	19.1
3 12	10 17.23	−12 32.0	2.688	3.619	6.4	19.1
3 22	10 10.79	−11 35.8	2.713	3.606	8.1	19.2
4 1	10 5.75	−10 34.7	2.764	3.594	10.1	19.3
279070	2008 WV_{67}		2 24.9	174.°95	4.°8/19.3	17
1 22	10 53.06	+23 26.2	2.479	3.317	10.3	21.0
2 1	10 47.78	+24 35.2	2.412	3.319	7.8	20.9
2 11	10 40.73	+25 42.8	2.372	3.321	5.6	20.7
2 21	10 32.52	+26 42.7	2.361	3.322	4.8	20.7
3 2	10 23.96	+27 29.1	2.380	3.323	6.2	20.8
3 12	10 15.91	+27 58.2	2.426	3.323	8.6	20.9
3 22	10 9.15	+28 8.7	2.498	3.323	11.1	21.1
4 1	10 4.22	+28 1.4	2.592	3.323	13.3	21.2
163531	2002 TP_{44}		2 24.9	111.°16	1.°5/26.6	18
1 22	10 50.20	+ 1 45.2	2.409	3.206	11.9	20.4
2 1	10 45.55	+ 2 15.3	2.334	3.219	9.1	20.2
2 11	10 39.34	+ 2 58.7	2.285	3.232	5.8	20.0
2 21	10 32.12	+ 3 52.2	2.263	3.244	2.5	19.8
3 2	10 24.60	+ 4 51.3	2.271	3.257	2.2	19.8
3 12	10 17.58	+ 5 50.7	2.309	3.269	5.4	20.0
3 22	10 11.69	+ 6 45.5	2.376	3.281	8.6	20.2
4 1	10 7.46	+ 7 32.1	2.467	3.292	11.4	20.4
91446	1999 RD_{19}		2 24.9	291.°66	1.°7/23.8	18
1 22	10 57.03	+13 35.6	1.849	2.682	13.5	19.0
2 1	10 51.25	+13 41.7	1.761	2.670	10.0	18.7
2 11	10 43.08	+13 53.0	1.697	2.658	6.0	18.4
2 21	10 33.26	+14 4.9	1.660	2.646	2.1	18.2
3 2	10 22.81	+14 12.2	1.653	2.634	3.8	18.2
3 12	10 12.96	+14 10.9	1.674	2.623	8.1	18.5
3 22	10 4.76	+13 58.5	1.721	2.611	12.1	18.7
4 1	9 58.98	+13 34.4	1.790	2.600	15.6	18.9
143065	2002 WF_{12}		2 24.9	87.°57	2.°4/22.6	18
1 22	10 53.20	+11 0.9	1.757	2.593	13.9	19.3
2 1	10 48.22	+12 32.3	1.704	2.617	10.1	19.1
2 11	10 41.10	+14 13.8	1.677	2.640	5.9	18.9
2 21	10 32.64	+15 56.7	1.678	2.662	2.5	18.7
3 2	10 23.87	+17 31.5	1.708	2.685	4.5	18.9
3 12	10 15.90	+18 50.3	1.767	2.707	8.5	19.2
3 22	10 9.60	+19 48.9	1.852	2.728	12.1	19.4
4 1	10 5.58	+20 25.9	1.958	2.749	15.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
120261	2004 GS_{27}		2 24.9	199.°12	4.°3/20.1	18
	h m	° ′			°	m
1 22	10 53.09	+19 2.5	2.192	3.032	11.4	20.5
2 1	10 48.05	+20 28.6	2.117	3.029	8.5	20.3
2 11	10 41.03	+21 58.3	2.069	3.025	5.6	20.1
2 21	10 32.65	+23 23.8	2.050	3.021	4.3	20.0
3 2	10 23.78	+24 37.4	2.061	3.017	6.0	20.1
3 12	10 15.42	+25 33.4	2.100	3.012	9.0	20.3
3 22	10 8.41	+26 8.9	2.165	3.006	12.0	20.5
4 1	10 3.42	+26 23.9	2.251	3.000	14.6	20.7
210283	2007 TX_{43}		2 24.9	94.°61	1.°2/23.6	18
1 22	10 51.82	+11 16.3	2.394	3.219	11.1	21.4
2 1	10 46.71	+11 55.3	2.331	3.237	8.1	21.3
2 11	10 40.01	+12 40.7	2.295	3.255	4.7	21.1
2 21	10 32.31	+13 27.9	2.287	3.273	1.5	20.9
3 2	10 24.38	+14 12.0	2.310	3.291	2.9	21.0
3 12	10 17.01	+14 48.7	2.362	3.308	6.2	21.2
3 22	10 10.87	+15 15.1	2.442	3.326	9.3	21.5
4 1	10 6.45	+15 29.7	2.545	3.342	11.9	21.7
118056	4126 $T\text{-}_2$		2 24.9	38.°83	2.°0/23.5	18
1 22	10 53.27	+11 4.1	1.306	2.159	16.8	18.8
2 1	10 48.94	+11 52.1	1.249	2.169	12.3	18.6
2 11	10 41.84	+12 52.5	1.214	2.179	7.3	18.3
2 21	10 32.90	+13 57.0	1.203	2.190	2.5	18.1
3 2	10 23.48	+14 56.0	1.219	2.201	4.7	18.2
3 12	10 15.07	+15 41.1	1.260	2.213	9.7	18.6
3 22	10 8.83	+16 7.7	1.325	2.225	14.2	18.9
4 1	10 5.46	+16 14.5	1.409	2.238	18.0	19.1
146698	2001 VY_{87}		2 24.9	128.°24	1.°9/23.1	18
1 22	10 52.01	+11 11.4	1.849	2.686	13.4	19.9
2 1	10 47.41	+12 13.6	1.778	2.690	9.8	19.6
2 11	10 40.70	+13 26.1	1.731	2.693	5.8	19.4
2 21	10 32.56	+14 42.0	1.711	2.697	2.1	19.2
3 2	10 23.96	+15 53.5	1.721	2.700	4.0	19.3
3 12	10 15.99	+16 53.6	1.759	2.704	8.1	19.6
3 22	10 9.56	+17 37.7	1.822	2.707	11.8	19.8
4 1	10 5.32	+18 3.8	1.908	2.710	15.1	20.0
310959	2003 UO_{98}		2 24.9	90.°28	2.°5/22.8	18
1 22	10 55.71	+12 38.5	1.648	2.487	14.6	21.2
2 1	10 50.17	+13 42.9	1.595	2.509	10.6	21.0
2 11	10 42.31	+14 55.5	1.567	2.530	6.3	20.8
2 21	10 32.99	+16 8.4	1.567	2.551	2.7	20.6
3 2	10 23.37	+17 13.0	1.594	2.572	4.7	20.8
3 12	10 14.67	+18 2.6	1.650	2.592	8.8	21.1
3 22	10 7.84	+18 33.9	1.730	2.612	12.6	21.3
4 1	10 3.49	+18 46.4	1.832	2.631	15.7	21.6
269513	2009 UV_{109}		2 24.9	186.°00	3.°2/21.9	18
1 22	10 53.40	+16 22.1	2.006	2.846	12.3	20.7
2 1	10 48.34	+17 16.1	1.933	2.846	9.0	20.5
2 11	10 41.21	+18 14.7	1.885	2.846	5.6	20.3
2 21	10 32.71	+19 11.2	1.866	2.846	3.2	20.1
3 2	10 23.75	+19 59.0	1.875	2.845	5.0	20.3
3 12	10 15.41	+20 32.7	1.912	2.844	8.4	20.5
3 22	10 8.55	+20 49.6	1.975	2.844	11.8	20.7
4 1	10 3.83	+20 49.5	2.059	2.843	14.7	20.9
361374	2006 UY_{338}		2 24.9	164.°72	1.°9/22.8	18
1 22	10 54.50	+13 24.9	2.498	3.321	10.8	21.8
2 1	10 48.73	+14 15.5	2.423	3.328	7.9	21.6
2 11	10 41.27	+15 11.6	2.375	3.334	4.7	21.4
2 21	10 32.70	+16 8.1	2.356	3.340	2.0	21.2
3 2	10 23.79	+16 59.5	2.369	3.345	3.5	21.3
3 12	10 15.38	+17 41.3	2.412	3.349	6.7	21.5
3 22	10 8.19	+18 10.8	2.483	3.352	9.7	21.7
4 1	10 2.76	+18 26.7	2.577	3.354	12.3	21.9
97212	1999 XT_{38}		2 24.9	44.°05	1.°1/23.9	18
1 22	10 51.99	+10 20.7	1.848	2.682	13.4	19.2
2 1	10 47.34	+10 55.4	1.778	2.688	9.9	18.9
2 11	10 40.62	+11 39.7	1.732	2.694	5.8	18.7
2 21	10 32.54	+12 28.0	1.714	2.701	1.7	18.4
3 2	10 24.04	+13 14.2	1.724	2.707	3.3	18.6
3 12	10 16.21	+13 52.3	1.762	2.714	7.5	18.8
3 22	10 9.93	+14 18.4	1.826	2.721	11.3	19.1
4 1	10 5.81	+14 30.6	1.912	2.728	14.5	19.3
417082	2005 UN_{261}		2 24.9	172.°07	1.°0/24.1	18
1 22	10 53.22	+ 9 40.7	1.959	2.786	13.1	21.8
2 1	10 48.21	+10 19.7	1.881	2.788	9.7	21.6
2 11	10 41.15	+11 8.7	1.828	2.789	5.7	21.4
2 21	10 32.70	+12 2.7	1.803	2.790	1.7	21.1
3 2	10 23.79	+12 55.3	1.808	2.791	3.2	21.2
3 12	10 15.46	+13 40.4	1.840	2.791	7.3	21.5
3 22	10 8.61	+14 14.0	1.900	2.791	11.1	21.7
4 1	10 3.88	+14 33.5	1.981	2.791	14.3	21.9

329608 2003 GD_{40} 2 24.9 338.°43 7.°8/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.42	+26 37.2	1.522	2.377	14.7	19.9
2 1	10 51.31	+27 40.1	1.458	2.370	11.5	19.7
2 11	10 43.31	+28 37.9	1.416	2.363	8.7	19.5
2 21	10 33.35	+29 20.4	1.400	2.357	7.8	19.4
3 2	10 22.80	+29 38.7	1.409	2.352	9.7	19.5
3 12	10 13.21	+29 28.5	1.443	2.347	12.9	19.7
3 22	10 5.80	+28 50.9	1.498	2.342	16.2	19.9
4 1	10 1.38	+27 49.6	1.572	2.338	19.2	20.1

76600 2000 GB_{159} 2 24.9 43.°49 3.°0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.65	+16 51.0	1.966	2.805	12.6	19.3
2 1	10 49.20	+17 19.4	1.898	2.811	9.2	19.1
2 11	10 41.69	+17 50.6	1.855	2.816	5.7	18.8
2 21	10 32.84	+18 18.8	1.840	2.822	3.0	18.7
3 2	10 23.63	+18 38.7	1.854	2.827	4.6	18.8
3 12	10 15.13	+18 46.2	1.896	2.833	8.1	19.0
3 22	10 8.21	+18 39.7	1.963	2.839	11.5	19.2
4 1	10 3.47	+18 19.2	2.053	2.846	14.4	19.4

464772 2003 UW_{229} 2 24.9 180.°25 1.°9/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.41	+14 56.6	2.843	3.665	9.6	22.3
2 1	10 47.77	+15 34.4	2.762	3.667	7.0	22.1
2 11	10 40.63	+16 15.7	2.709	3.668	4.2	22.0
2 21	10 32.52	+16 56.3	2.685	3.668	2.0	21.8
3 2	10 24.09	+17 32.0	2.693	3.667	3.3	21.9
3 12	10 16.08	+17 59.2	2.732	3.666	6.1	22.1
3 22	10 9.12	+18 15.9	2.798	3.665	8.8	22.3
4 1	10 3.72	+18 21.0	2.889	3.662	11.2	22.4

197709 2004 PE_2 2 24.9 236.°07 1.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.43	+10 28.3	1.738	2.565	14.5	20.9
2 1	10 52.50	+10 50.8	1.646	2.552	10.9	20.6
2 11	10 43.98	+11 23.3	1.579	2.539	6.5	20.3
2 21	10 33.58	+12 0.7	1.539	2.525	1.9	20.0
3 2	10 22.40	+12 36.8	1.527	2.511	3.6	20.1
3 12	10 11.78	+13 5.1	1.545	2.496	8.4	20.3
3 22	10 2.90	+13 21.7	1.588	2.480	12.8	20.5
4 1	9 56.61	+13 24.2	1.652	2.464	16.6	20.7

205620 2001 UQ_{217} 2 24.9 222.°17 4.°5/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.82	+22 39.7	2.389	3.229	10.6	20.3
2 1	10 47.67	+23 35.1	2.317	3.226	8.0	20.1
2 11	10 40.72	+24 29.6	2.271	3.223	5.6	20.0
2 21	10 32.57	+25 17.1	2.254	3.219	4.6	19.9
3 2	10 24.04	+25 51.9	2.266	3.216	6.0	20.0
3 12	10 16.04	+26 10.4	2.306	3.213	8.6	20.1
3 22	10 9.35	+26 11.4	2.371	3.209	11.2	20.3
4 1	10 4.53	+25 55.5	2.458	3.205	13.6	20.5

381652 2009 AA_{17} 2 24.9 73.°22 2.°7/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.24	+14 22.3	2.132	2.971	11.7	20.2
2 1	10 45.85	+15 27.7	2.065	2.979	8.5	20.0
2 11	10 39.65	+16 39.1	2.025	2.987	5.1	19.8
2 21	10 32.27	+17 50.2	2.012	2.994	2.7	19.7
3 2	10 24.53	+18 54.1	2.029	3.002	4.4	19.8
3 12	10 17.35	+19 45.3	2.075	3.010	7.7	20.0
3 22	10 11.50	+20 20.7	2.146	3.017	10.9	20.2
4 1	10 7.55	+20 39.0	2.240	3.025	13.6	20.4

301435 2009 DE_{73} 2 24.9 67.°85 0.°4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.53	+ 4 58.9	1.403	2.234	17.1	21.2
2 1	10 49.57	+ 5 43.6	1.351	2.256	12.7	21.0
2 11	10 42.07	+ 6 46.4	1.320	2.279	7.7	20.7
2 21	10 32.96	+ 8 0.2	1.316	2.302	2.3	20.5
3 2	10 23.52	+ 9 16.0	1.338	2.324	3.1	20.6
3 12	10 15.10	+10 24.7	1.387	2.347	8.2	20.9
3 22	10 8.73	+11 19.5	1.462	2.370	12.7	21.2
4 1	10 5.04	+11 57.1	1.557	2.392	16.4	21.5

283902 2004 DP_{28} 2 24.9 333.°86 1.°0/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.44	+11 12.6	1.954	2.787	12.9	20.2
2 1	10 47.69	+11 28.3	1.871	2.781	9.5	20.0
2 11	10 40.87	+11 51.6	1.813	2.774	5.7	19.8
2 21	10 32.65	+12 18.2	1.782	2.769	1.7	19.5
3 2	10 23.93	+12 43.1	1.780	2.763	3.2	19.6
3 12	10 15.77	+13 1.5	1.805	2.758	7.3	19.8
3 22	10 9.06	+13 10.1	1.857	2.753	11.1	20.0
4 1	10 4.47	+13 7.1	1.932	2.749	14.3	20.2

75098 1999 VK_{38} 2 24.9 196.°55 1.°8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.81	+12 20.3	2.069	2.896	12.5	20.6
2 1	10 50.09	+13 4.5	1.987	2.893	9.2	20.4
2 11	10 42.29	+13 56.4	1.929	2.890	5.5	20.2
2 21	10 33.05	+14 50.5	1.901	2.886	2.1	19.9
3 2	10 23.31	+15 40.4	1.902	2.881	3.8	20.0
3 12	10 14.11	+16 20.5	1.933	2.876	7.6	20.3
3 22	10 6.36	+16 47.2	1.990	2.870	11.2	20.5
4 1	10 0.75	+16 59.0	2.070	2.863	14.4	20.7

110698 2001 TA_{214} 2 24.9 122.°70 2.°4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.87	− 0 21.3	1.854	2.656	14.8	19.8
2 1	10 46.58	+ 0 6.3	1.773	2.658	11.5	19.6
2 11	10 40.23	+ 0 53.3	1.715	2.660	7.6	19.3
2 21	10 32.47	+ 1 56.4	1.683	2.662	3.7	19.1
3 2	10 24.21	+ 3 10.0	1.679	2.664	3.0	19.1
3 12	10 16.51	+ 4 26.5	1.703	2.666	6.7	19.3
3 22	10 10.27	+ 5 38.6	1.755	2.667	10.6	19.5
4 1	10 6.15	+ 6 40.5	1.829	2.669	14.1	19.7

480975 2003 WL_{12} 2 24.9 122.°91 17.°1/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.44	−27 31.4	1.294	1.961	26.3	21.3
2 1	10 52.69	−29 14.9	1.229	1.970	24.1	21.1
2 11	10 44.53	−30 15.7	1.176	1.980	21.6	21.0
2 21	10 33.82	−30 24.3	1.138	1.989	19.3	20.9
3 2	10 22.09	−29 35.7	1.118	1.997	17.6	20.8
3 12	10 11.24	−27 54.5	1.117	2.005	17.1	20.8
3 22	10 2.90	−25 33.3	1.137	2.013	18.0	20.8
4 1	9 58.12	−22 50.3	1.175	2.020	20.0	21.0

183419 2003 AC_{12} 2 24.9 89.°58 2.°9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.79	− 1 44.8	1.902	2.688	15.0	20.2
2 1	10 49.17	− 1 21.8	1.843	2.717	11.6	20.0
2 11	10 41.60	− 0 39.9	1.807	2.746	7.8	19.8
2 21	10 32.81	+ 0 17.4	1.798	2.774	4.1	19.7
3 2	10 23.79	+ 1 24.4	1.819	2.802	3.2	19.7
3 12	10 15.53	+ 2 34.0	1.868	2.828	6.4	19.9
3 22	10 8.85	+ 3 39.8	1.945	2.855	9.9	20.2
4 1	10 4.30	+ 4 36.6	2.046	2.880	13.0	20.4

399595 2003 US_{269} 2 24.9 83.°38 1.°2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.86	+10 11.8	1.593	2.426	15.3	21.5
2 1	10 51.06	+10 48.8	1.538	2.448	11.2	21.3
2 11	10 42.87	+11 36.1	1.507	2.469	6.6	21.1
2 21	10 33.19	+12 27.1	1.503	2.490	1.9	20.8
3 2	10 23.22	+13 14.5	1.527	2.511	3.7	21.0
3 12	10 14.21	+13 52.0	1.579	2.531	8.2	21.3
3 22	10 7.13	+14 15.7	1.656	2.551	12.2	21.6
4 1	10 2.62	+14 24.3	1.755	2.571	15.6	21.8

178638 2000 JM_{20} 2 24.9 279.°39 2.°9/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.88	− 0 2.8	1.883	2.681	14.7	20.7
2 1	10 48.33	+ 0 1.4	1.773	2.656	11.6	20.5
2 11	10 41.49	+ 0 23.6	1.687	2.630	7.9	20.2
2 21	10 32.91	+ 1 2.4	1.626	2.604	4.1	19.9
3 2	10 23.48	+ 1 54.0	1.594	2.578	3.4	19.8
3 12	10 14.35	+ 2 52.2	1.590	2.551	7.2	20.0
3 22	10 6.57	+ 3 50.2	1.612	2.524	11.4	20.2
4 1	10 1.02	+ 4 41.8	1.658	2.497	15.3	20.3

301831 2011 QH_{14} 2 24.9 162.°52 1.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.14	+ 1 35.3	1.930	2.729	14.4	21.7
2 1	10 49.64	+ 2 11.4	1.850	2.736	11.0	21.5
2 11	10 42.03	+ 3 4.9	1.794	2.743	7.1	21.3
2 21	10 32.99	+ 4 11.9	1.766	2.748	2.9	21.0
3 2	10 23.47	+ 5 26.0	1.767	2.753	2.6	21.0
3 12	10 14.55	+ 6 40.1	1.798	2.757	6.7	21.3
3 22	10 7.14	+ 7 47.4	1.856	2.760	10.6	21.5
4 1	10 1.90	+ 8 43.0	1.938	2.762	14.0	21.7

203444 2001 YK_{84} 2 24.9 143.°67 2.°3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.21	+ 1 50.8	1.788	2.589	15.3	19.9
2 1	10 51.27	+ 1 54.2	1.713	2.599	11.7	19.7
2 11	10 43.05	+ 2 13.9	1.661	2.608	7.7	19.4
2 21	10 33.28	+ 2 47.0	1.635	2.616	3.5	19.2
3 2	10 23.04	+ 3 28.8	1.639	2.624	3.1	19.2
3 12	10 13.51	+ 4 13.1	1.671	2.631	7.0	19.4
3 22	10 5.67	+ 4 54.1	1.730	2.637	11.0	19.7
4 1	10 0.21	+ 5 27.2	1.812	2.643	14.5	19.9

371699 2007 DL_{110} 2 24.9 13.°70 1.°8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.55	+ 1 38.4	1.610	2.430	15.8	21.0
2 1	10 45.87	+ 2 11.9	1.535	2.432	12.1	20.8
2 11	10 39.92	+ 3 5.6	1.482	2.434	7.8	20.5
2 21	10 32.42	+ 4 15.4	1.454	2.437	3.3	20.3
3 2	10 24.39	+ 5 34.1	1.453	2.440	2.9	20.2
3 12	10 17.00	+ 6 52.9	1.480	2.443	7.3	20.5
3 22	10 11.24	+ 8 3.9	1.531	2.447	11.7	20.8
4 1	10 7.82	+ 9 1.1	1.606	2.451	15.4	21.0

64611 2001 XA_{26} 2 24.9 8.°44 6.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.56	+24 0.7	1.595	2.452	14.1	18.9
2 1	10 49.00	+25 20.7	1.537	2.453	10.7	18.7
2 11	10 41.85	+26 38.8	1.502	2.454	7.8	18.5
2 21	10 32.97	+27 44.9	1.494	2.455	6.9	18.4
3 2	10 23.59	+28 29.8	1.511	2.457	8.8	18.5
3 12	10 15.08	+28 48.5	1.554	2.460	12.0	18.7
3 22	10 8.53	+28 40.4	1.618	2.462	15.2	18.9
4 1	10 4.67	+28 8.3	1.702	2.466	18.1	19.2

95552 2002 EU_{93} 2 24.9 186.°39 0.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.34	+ 7 39.9	2.118	2.939	12.5	20.2
2 1	10 46.73	+ 8 27.5	2.036	2.939	9.2	20.0
2 11	10 40.24	+ 9 26.7	1.980	2.939	5.5	19.8
2 21	10 32.49	+10 32.7	1.952	2.938	1.5	19.5
3 2	10 24.29	+11 39.3	1.953	2.937	2.7	19.6
3 12	10 16.58	+12 40.1	1.984	2.936	6.7	19.8
3 22	10 10.18	+13 30.4	2.041	2.935	10.3	20.0
4 1	10 5.69	+14 6.9	2.122	2.933	13.4	20.2

244085 2001 UE_{47} 2 24.9 94.°52 2.°0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.13	+14 19.1	2.522	3.350	10.5	20.5
2 1	10 46.88	+15 5.8	2.465	3.373	7.6	20.3
2 11	10 40.11	+15 56.4	2.434	3.395	4.5	20.2
2 21	10 32.40	+16 46.0	2.433	3.417	2.1	20.0
3 2	10 24.49	+17 29.9	2.463	3.438	3.5	20.2
3 12	10 17.15	+18 4.0	2.522	3.459	6.4	20.4
3 22	10 11.01	+18 26.2	2.609	3.480	9.2	20.6
4 1	10 6.53	+18 35.7	2.719	3.500	11.6	20.8

69223 4331 $T\text{-}_3$ 2 24.9 73.°79 0.°8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.51	+ 8 10.4	1.477	2.314	16.1	19.5
2 1	10 49.54	+ 8 59.4	1.420	2.331	11.9	19.3
2 11	10 42.08	+10 2.5	1.386	2.348	7.0	19.1
2 21	10 33.02	+11 12.5	1.379	2.366	1.9	18.8
3 2	10 23.57	+12 20.7	1.398	2.383	3.6	19.0
3 12	10 15.06	+13 18.7	1.445	2.400	8.5	19.3
3 22	10 8.52	+14 1.3	1.517	2.417	12.8	19.6
4 1	10 4.60	+14 26.0	1.609	2.434	16.4	19.8

297395 2000 QA_{125} 2 24.9 148.°94 1.°0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.47	+10 7.9	1.833	2.658	14.0	21.5
2 1	10 51.42	+10 41.0	1.762	2.667	10.3	21.3
2 11	10 43.12	+11 23.7	1.715	2.675	6.1	21.1
2 21	10 33.32	+12 10.6	1.696	2.683	1.8	20.8
3 2	10 23.08	+12 55.1	1.707	2.690	3.4	20.9
3 12	10 13.58	+13 31.5	1.746	2.696	7.7	21.2
3 22	10 5.77	+13 55.9	1.812	2.702	11.6	21.5
4 1	10 0.34	+14 6.4	1.900	2.707	14.9	21.7

199452 2006 DK_{38} 2 24.9 141.°62 0.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.94	+ 6 57.8	1.984	2.809	13.0	20.4
2 1	10 45.81	+ 8 1.9	1.906	2.811	9.6	20.2
2 11	10 39.74	+ 9 19.9	1.852	2.812	5.7	19.9
2 21	10 32.36	+10 45.8	1.826	2.813	1.6	19.7
3 2	10 24.53	+12 12.4	1.830	2.814	3.0	19.8
3 12	10 17.22	+13 31.9	1.863	2.815	7.1	20.0
3 22	10 11.25	+14 38.5	1.922	2.816	10.9	20.2
4 1	10 7.28	+15 28.7	2.005	2.817	14.1	20.5

205841 2002 EA_{28} 2 24.9 318.°72 1.°6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 51.71	+ 9 59.2	1.322	2.174	16.7	20.2
2 1	10 48.12	+10 41.6	1.241	2.160	12.4	19.9
2 11	10 41.64	+11 39.7	1.182	2.147	7.5	19.6
2 21	10 33.01	+12 46.3	1.147	2.134	2.3	19.2
3 2	10 23.49	+13 51.8	1.138	2.121	4.5	19.3
3 12	10 14.66	+14 46.4	1.154	2.109	10.0	19.6
3 22	10 7.85	+15 23.3	1.192	2.098	15.1	19.8
4 1	10 4.03	+15 39.3	1.250	2.088	19.4	20.1

289760 2005 JH_{75} 2 24.9 330.°53 4.°7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 49.43	− 4 26.1	1.871	2.656	15.3	19.6
2 1	10 45.64	− 4 41.4	1.778	2.645	12.4	19.4
2 11	10 39.76	− 4 36.9	1.706	2.634	9.0	19.2
2 21	10 32.40	− 4 12.6	1.659	2.624	5.9	19.0
3 2	10 24.44	− 3 31.3	1.639	2.615	4.8	18.9
3 12	10 16.90	− 2 38.6	1.646	2.606	7.1	19.0
3 22	10 10.74	− 1 41.0	1.679	2.598	10.6	19.2
4 1	10 6.69	− 0 45.4	1.736	2.590	14.1	19.4

340831 2006 UO_{242} 2 24.9 128.°50 1.°0/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.03	+ 9 51.1	1.342	2.182	17.3	21.8
2 1	10 53.29	+10 15.1	1.276	2.187	12.8	21.6
2 11	10 44.57	+10 51.9	1.231	2.193	7.7	21.3
2 21	10 33.79	+11 35.0	1.211	2.198	2.2	21.0
3 2	10 22.40	+12 16.0	1.219	2.203	4.0	21.1
3 12	10 12.01	+12 47.7	1.252	2.208	9.4	21.4
3 22	10 3.90	+13 5.1	1.310	2.212	14.3	21.7
4 1	9 58.90	+13 6.5	1.388	2.217	18.3	22.0

282136 2001 QX_{133} 2 24.9 188.°93 2.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.20	+ 0 56.4	2.006	2.796	14.2	21.9
2 1	10 51.19	+ 1 4.8	1.917	2.796	11.0	21.6
2 11	10 43.01	+ 1 29.0	1.851	2.794	7.3	21.4
2 21	10 33.32	+ 2 6.8	1.813	2.792	3.5	21.2
3 2	10 23.07	+ 2 53.8	1.804	2.789	3.0	21.1
3 12	10 13.33	+ 3 44.1	1.826	2.784	6.6	21.3
3 22	10 5.07	+ 4 32.1	1.875	2.779	10.5	21.6
4 1	9 58.99	+ 5 12.9	1.948	2.773	13.9	21.8

522227 2016 AA_{266} 2 24.9 334.°41 7.°6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.52	−12 19.4	1.796	2.538	17.4	21.4
2 1	10 47.26	−12 46.7	1.710	2.537	14.7	21.2
2 11	10 40.77	−12 47.5	1.643	2.537	11.8	21.0
2 21	10 32.70	−12 20.3	1.600	2.536	9.0	20.8
3 2	10 24.01	−11 26.5	1.582	2.536	7.7	20.8
3 12	10 15.85	−10 12.2	1.590	2.536	8.7	20.8
3 22	10 9.22	− 8 45.7	1.624	2.535	11.4	21.0
4 1	10 4.86	− 7 16.5	1.681	2.535	14.4	21.2

27534 2000 HB_{76} 2 24.9 97.°36 0.°3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.82	+ 7 2.8	1.787	2.613	14.2	18.4
2 1	10 48.01	+ 7 48.7	1.720	2.625	10.5	18.1
2 11	10 41.08	+ 8 48.0	1.676	2.636	6.3	17.9
2 21	10 32.74	+ 9 55.1	1.660	2.646	1.7	17.6
3 2	10 24.01	+11 2.5	1.672	2.657	2.9	17.7
3 12	10 15.96	+12 3.3	1.713	2.668	7.4	18.0
3 22	10 9.51	+12 52.0	1.779	2.678	11.3	18.3
4 1	10 5.30	+13 25.6	1.869	2.688	14.6	18.5

359796 2011 UB_{202} 2 24.9 309.°18 5.°5/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.22	− 5 3.1	1.415	2.216	18.6	20.4
2 1	10 46.89	− 5 10.0	1.324	2.201	15.1	20.2
2 11	10 40.86	− 4 49.4	1.252	2.186	11.1	19.9
2 21	10 32.79	− 4 0.8	1.203	2.172	7.1	19.6
3 2	10 23.81	− 2 48.3	1.179	2.158	5.6	19.5
3 12	10 15.33	− 1 20.5	1.181	2.144	8.7	19.6
3 22	10 8.65	+ 0 11.7	1.206	2.131	13.2	19.8
4 1	10 4.74	+ 1 37.6	1.252	2.119	17.6	20.0

73109 2002 GD_{37} 2 24.9 183.°06 3.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.32	+17 57.6	1.898	2.736	13.0	19.8
2 1	10 51.39	+18 55.5	1.826	2.737	9.6	19.6
2 11	10 43.16	+19 56.8	1.779	2.737	6.1	19.4
2 21	10 33.36	+20 54.0	1.759	2.737	3.9	19.3
3 2	10 23.06	+21 39.8	1.769	2.736	5.8	19.4
3 12	10 13.45	+22 8.6	1.808	2.734	9.3	19.6
3 22	10 5.53	+22 18.5	1.871	2.732	12.7	19.8
4 1	10 0.00	+22 9.7	1.955	2.729	15.7	20.0

154554 Heatherelliott 2 24.9 203.°05 2.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.78	+13 46.2	2.061	2.893	12.4	20.8
2 1	10 49.33	+14 20.8	1.981	2.891	9.1	20.6
2 11	10 41.84	+15 1.3	1.927	2.888	5.4	20.4
2 21	10 32.97	+15 42.3	1.901	2.885	2.3	20.2
3 2	10 23.64	+16 18.1	1.904	2.882	3.9	20.3
3 12	10 14.88	+16 43.8	1.936	2.879	7.6	20.5
3 22	10 7.57	+16 56.6	1.995	2.875	11.2	20.7
4 1	10 2.37	+16 55.3	2.076	2.871	14.2	20.9

118746 2000 QS_{156} 2 24.9 129.°05 3.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.92	− 5 54.4	2.140	2.906	14.2	20.0
2 1	10 46.35	− 5 26.5	2.059	2.916	11.4	19.8
2 11	10 39.99	− 4 37.6	2.001	2.926	8.1	19.6
2 21	10 32.43	− 3 29.8	1.970	2.936	5.0	19.4
3 2	10 24.50	− 2 8.0	1.968	2.945	3.9	19.4
3 12	10 17.08	− 0 39.0	1.995	2.954	6.1	19.5
3 22	10 10.95	+ 0 49.8	2.050	2.962	9.3	19.7
4 1	10 6.68	+ 2 11.9	2.130	2.971	12.3	19.9

172005 2001 UH_{43} 2 24.9 46.°42 3.°2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.17	+16 37.1	1.955	2.799	12.4	20.0
2 1	10 47.35	+17 24.5	1.899	2.814	9.1	19.8
2 11	10 40.58	+18 15.1	1.868	2.830	5.6	19.7
2 21	10 32.60	+19 2.6	1.865	2.845	3.2	19.5
3 2	10 24.33	+19 40.9	1.890	2.861	4.9	19.7
3 12	10 16.79	+20 5.5	1.943	2.877	8.2	19.9
3 22	10 10.78	+20 14.4	2.021	2.894	11.4	20.1
4 1	10 6.84	+20 7.5	2.121	2.911	14.1	20.4

81676 2000 JB_1 2 24.9 139.°29 2.°5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.19	+14 55.5	2.037	2.869	12.5	19.8
2 1	10 50.30	+15 36.6	1.969	2.878	9.1	19.6
2 11	10 42.37	+16 22.5	1.927	2.887	5.5	19.4
2 21	10 33.13	+17 7.2	1.913	2.896	2.6	19.2
3 2	10 23.52	+17 44.7	1.928	2.904	4.3	19.3
3 12	10 14.59	+18 10.3	1.973	2.911	7.8	19.6
3 22	10 7.22	+18 21.7	2.044	2.918	11.2	19.8
4 1	10 2.00	+18 18.4	2.137	2.925	14.1	20.0

282998 2007 TV_{370} 2 24.9 132.°64 6.°0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 50.97	−14 23.2	2.786	3.482	12.8	20.8
2 1	10 46.06	−14 41.5	2.701	3.494	10.9	20.7
2 11	10 39.69	−14 40.8	2.638	3.506	8.8	20.5
2 21	10 32.35	−14 20.7	2.600	3.517	7.0	20.4
3 2	10 24.69	−13 42.6	2.590	3.528	6.0	20.4
3 12	10 17.43	−12 50.0	2.608	3.538	6.6	20.4
3 22	10 11.18	−11 47.9	2.654	3.548	8.2	20.5
4 1	10 6.44	−10 41.9	2.726	3.558	10.2	20.7

302480 2002 GS_{23} 2 24.9 323.°45 4.°1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.49	+17 6.0	1.348	2.204	16.2	20.1
2 1	10 51.64	+17 40.4	1.274	2.195	12.1	19.9
2 11	10 43.72	+18 19.9	1.222	2.185	7.5	19.6
2 21	10 33.62	+18 56.0	1.195	2.176	4.2	19.4
3 2	10 22.73	+19 19.9	1.193	2.168	6.4	19.5
3 12	10 12.72	+19 25.2	1.217	2.160	11.1	19.7
3 22	10 4.95	+19 9.7	1.263	2.153	15.6	19.9
4 1	10 0.32	+18 34.3	1.328	2.146	19.6	20.2

399646 2004 RB_{72} 2 24.9 196.°36 0.°8/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.85	+ 4 15.2	2.059	2.863	13.4	22.5
2 1	10 50.18	+ 4 47.6	1.969	2.860	10.2	22.3
2 11	10 42.41	+ 5 34.3	1.903	2.856	6.4	22.1
2 21	10 33.19	+ 6 31.6	1.866	2.851	2.2	21.8
3 2	10 23.41	+ 7 33.7	1.859	2.845	2.5	21.8
3 12	10 14.11	+ 8 34.2	1.882	2.838	6.7	22.0
3 22	10 6.22	+ 9 27.5	1.932	2.831	10.6	22.3
4 1	10 0.42	+10 9.6	2.006	2.822	13.9	22.5

109983 2001 SY_{55} 2 24.9 121.°99 6.°7/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.93	+27 58.5	2.065	2.901	12.2	19.4
2 1	10 52.36	+29 7.6	2.016	2.916	9.5	19.3
2 11	10 43.60	+30 10.1	1.993	2.930	7.3	19.2
2 21	10 33.48	+30 58.2	1.997	2.943	6.8	19.2
3 2	10 23.08	+31 25.6	2.029	2.957	8.2	19.3
3 12	10 13.56	+31 29.6	2.088	2.969	10.6	19.4
3 22	10 5.82	+31 11.1	2.171	2.982	13.1	19.6
4 1	10 0.46	+30 33.1	2.274	2.993	15.3	19.8

158547 2002 GW_{124} 2 24.9 260.°54 3.°9/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.17	− 5 33.2	2.267	3.033	13.5	20.4
2 1	10 45.94	− 5 14.4	2.157	3.014	10.9	20.1
2 11	10 39.88	− 4 35.4	2.070	2.995	7.9	19.9
2 21	10 32.48	− 3 37.2	2.010	2.975	5.0	19.7
3 2	10 24.48	− 2 23.3	1.979	2.956	3.9	19.6
3 12	10 16.78	− 0 59.6	1.977	2.935	6.2	19.7
3 22	10 10.18	+ 0 26.7	2.002	2.915	9.5	19.9
4 1	10 5.37	+ 1 49.1	2.054	2.894	12.7	20.0

142227 2002 RA_{81} 2 24.9 256.°63 0.°1/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.28	+ 6 19.5	1.849	2.670	14.0	20.7
2 1	10 48.61	+ 6 57.5	1.752	2.654	10.6	20.4
2 11	10 41.65	+ 7 50.4	1.680	2.637	6.5	20.1
2 21	10 33.02	+ 8 53.9	1.634	2.620	1.9	19.8
3 2	10 23.67	+10 1.2	1.617	2.603	2.9	19.8
3 12	10 14.73	+11 4.8	1.629	2.585	7.6	20.1
3 22	10 7.26	+11 58.5	1.667	2.567	11.9	20.3
4 1	10 2.06	+12 38.0	1.728	2.549	15.6	20.5

2765 Dinant 2 24.9 32.°02 1.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.23	+14 20.2	2.164	2.994	11.9	17.0
2 1	10 49.51	+14 29.5	2.089	2.997	8.8	16.8
2 11	10 41.89	+14 42.6	2.039	3.000	5.2	16.6
2 21	10 33.02	+14 55.3	2.018	3.003	2.0	16.3
3 2	10 23.80	+15 3.3	2.026	3.006	3.4	16.5
3 12	10 15.19	+15 3.3	2.063	3.009	7.0	16.7
3 22	10 8.01	+14 53.6	2.128	3.013	10.4	16.9
4 1	10 2.84	+14 33.4	2.215	3.016	13.3	17.1

493695 2015 TK_{43} 2 24.9 92.°62 1.°2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.42	+ 4 34.1	1.401	2.226	17.5	21.5
2 1	10 51.87	+ 4 52.3	1.340	2.241	13.2	21.3
2 11	10 43.60	+ 5 28.2	1.301	2.257	8.2	21.0
2 21	10 33.55	+ 6 16.8	1.287	2.272	2.9	20.7
3 2	10 23.04	+ 7 10.7	1.300	2.287	3.1	20.8
3 12	10 13.53	+ 8 1.7	1.340	2.301	8.2	21.1
3 22	10 6.14	+ 8 43.4	1.405	2.315	12.9	21.4
4 1	10 1.61	+ 9 11.5	1.491	2.329	16.8	21.7

35614 1998 HB_{148} 2 24.9 238.°06 0.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.83	+ 7 33.1	2.794	3.605	10.1	19.9
2 1	10 45.28	+ 8 3.6	2.697	3.594	7.5	19.7
2 11	10 39.28	+ 8 42.8	2.626	3.583	4.5	19.5
2 21	10 32.28	+ 9 27.3	2.584	3.571	1.3	19.2
3 2	10 24.89	+10 13.2	2.573	3.559	2.0	19.2
3 12	10 17.81	+10 56.4	2.593	3.546	5.3	19.5
3 22	10 11.67	+11 33.3	2.641	3.533	8.3	19.6
4 1	10 6.97	+12 1.3	2.713	3.520	10.9	19.8

5693 1993 EA 2 24.9 113.°51 5.°0/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 37.48	+10 20.5	0.845	1.659	27.0	18.5
2 1	11 22.29	+12 56.7	0.816	1.715	19.6	18.3
2 11	11 1.90	+15 47.9	0.808	1.765	11.5	18.1
2 21	10 38.65	+18 27.7	0.828	1.811	5.2	17.9
3 2	10 15.93	+20 32.0	0.879	1.852	8.5	18.2
3 12	9 56.86	+21 50.2	0.956	1.888	14.8	18.7
3 22	9 43.14	+22 25.8	1.057	1.919	20.2	19.1
4 1	9 35.06	+22 28.3	1.174	1.946	24.2	19.5

322477 2011 UO_{203} 2 24.9 229.°84 2.°3/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.70	+12 32.5	1.825	2.659	13.6	21.7
2 1	10 50.42	+13 29.0	1.738	2.648	10.1	21.5
2 11	10 42.75	+14 35.4	1.675	2.637	6.0	21.2
2 21	10 33.35	+15 45.0	1.640	2.625	2.5	20.9
3 2	10 23.26	+16 49.8	1.634	2.612	4.5	21.0
3 12	10 13.70	+17 42.4	1.656	2.598	8.7	21.3
3 22	10 5.73	+18 18.3	1.704	2.584	12.8	21.5
4 1	10 0.16	+18 35.6	1.774	2.570	16.3	21.7

70303 1999 RX_{131} 2 24.9 167.°90 2.°8/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.94	− 0 23.8	1.953	2.743	14.5	19.9
2 1	10 49.54	− 0 15.1	1.870	2.747	11.3	19.7
2 11	10 42.04	+ 0 10.9	1.810	2.751	7.6	19.4
2 21	10 33.11	+ 0 51.9	1.777	2.754	4.0	19.2
3 2	10 23.68	+ 1 43.5	1.773	2.756	3.2	19.2
3 12	10 14.81	+ 2 39.5	1.798	2.758	6.6	19.4
3 22	10 7.41	+ 3 33.8	1.850	2.759	10.4	19.6
4 1	10 2.16	+ 4 21.1	1.926	2.760	13.7	19.8

64234 2001 TV_{124} 2 24.9 7.°22 4.°5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.78	− 1 14.9	1.351	2.163	18.7	19.2
2 1	10 50.23	− 1 38.5	1.276	2.163	14.8	18.9
2 11	10 42.83	− 1 39.6	1.221	2.163	10.3	18.7
2 21	10 33.40	− 1 18.9	1.189	2.164	6.0	18.4
3 2	10 23.23	− 0 40.4	1.183	2.165	4.9	18.4
3 12	10 13.83	+ 0 8.3	1.203	2.166	8.6	18.6
3 22	10 6.49	+ 0 58.7	1.246	2.168	13.2	18.8
4 1	10 2.08	+ 1 43.2	1.310	2.169	17.4	19.1

355259 2007 NT_2 2 24.9 258.°42 2.°3/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.35	+10 12.7	1.681	2.517	14.5	21.3
2 1	10 48.96	+11 36.2	1.586	2.498	10.7	21.1
2 11	10 42.03	+13 16.2	1.516	2.479	6.4	20.8
2 21	10 33.19	+15 4.9	1.473	2.459	2.5	20.5
3 2	10 23.47	+16 51.6	1.460	2.438	4.8	20.6
3 12	10 14.16	+18 25.7	1.474	2.417	9.5	20.8
3 22	10 6.45	+19 39.8	1.513	2.395	14.0	21.0
4 1	10 1.27	+20 30.1	1.573	2.373	17.9	21.2

213657 2002 RK_{243} 2 24.9 299.°45 5.°0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.87	− 4 12.2	1.537	2.334	17.5	20.7
2 1	10 47.34	− 4 17.6	1.433	2.309	14.2	20.4
2 11	10 41.18	− 3 57.9	1.350	2.284	10.3	20.1
2 21	10 32.98	− 3 12.7	1.289	2.259	6.5	19.8
3 2	10 23.76	− 2 5.1	1.255	2.235	5.2	19.7
3 12	10 14.87	− 0 43.0	1.247	2.210	8.4	19.8
3 22	10 7.59	+ 0 43.9	1.263	2.186	13.0	20.0
4 1	10 2.95	+ 2 5.7	1.301	2.162	17.4	20.2

207590 2006 QC_{56} 2 24.9 234.°47 1.°5/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.32	+ 3 44.3	2.335	3.137	12.1	20.7
2 1	10 47.33	+ 3 45.7	2.246	3.134	9.2	20.5
2 11	10 40.60	+ 3 58.4	2.182	3.131	5.9	20.2
2 21	10 32.68	+ 4 19.9	2.145	3.127	2.5	20.0
3 2	10 24.35	+ 4 47.1	2.138	3.124	2.3	20.0
3 12	10 16.44	+ 5 15.6	2.161	3.120	5.7	20.2
3 22	10 9.71	+ 5 41.6	2.211	3.117	9.1	20.4
4 1	10 4.75	+ 6 1.8	2.286	3.113	12.1	20.6

143550 2003 EC_{37} 2 24.9 33.°35 8.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 52.08	+25 15.2	1.426	2.290	14.9	18.2
2 1	10 48.16	+27 17.2	1.382	2.300	11.6	18.0
2 11	10 41.47	+29 15.5	1.363	2.310	8.9	17.9
2 21	10 32.97	+30 56.7	1.369	2.321	8.6	17.9
3 2	10 23.99	+32 9.7	1.400	2.333	10.7	18.0
3 12	10 16.01	+32 48.9	1.455	2.345	13.7	18.3
3 22	10 10.18	+32 54.7	1.530	2.357	16.8	18.5
4 1	10 7.20	+32 30.9	1.622	2.370	19.4	18.7

305394 2008 CP_{63} 2 24.9 52.°57 0.°3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.37	+ 5 23.6	2.422	3.235	11.4	21.4
2 1	10 44.35	+ 6 7.8	2.338	3.236	8.5	21.2
2 11	10 38.78	+ 7 3.7	2.281	3.236	5.2	21.0
2 21	10 32.15	+ 8 7.4	2.251	3.237	1.6	20.7
3 2	10 25.17	+ 9 13.7	2.252	3.238	2.1	20.8
3 12	10 18.59	+10 17.2	2.282	3.238	5.7	21.0
3 22	10 13.09	+11 13.0	2.340	3.239	9.0	21.2
4 1	10 9.20	+11 57.9	2.422	3.240	11.8	21.4

467071 2016 DW_{19} 2 24.9 14.°81 0.°5/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.25	+ 5 8.3	1.378	2.218	16.9	21.3
2 1	10 46.72	+ 5 44.2	1.310	2.221	12.7	21.1
2 11	10 40.62	+ 6 39.3	1.264	2.224	7.8	20.8
2 21	10 32.74	+ 7 47.6	1.242	2.228	2.5	20.5
3 2	10 24.29	+ 9 0.6	1.247	2.233	3.1	20.5
3 12	10 16.63	+10 8.6	1.277	2.239	8.4	20.9
3 22	10 10.89	+11 4.1	1.331	2.245	13.1	21.1
4 1	10 7.81	+11 42.4	1.406	2.253	17.2	21.4

29895 1999 GP_{53} 2 24.9 171.°86 5.°6/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.52	−11 5.3	2.463	3.193	13.5	18.1
2 1	10 45.23	−11 14.2	2.371	3.194	11.3	17.9
2 11	10 39.33	−11 3.1	2.301	3.194	8.9	17.7
2 21	10 32.32	−10 32.1	2.256	3.195	6.6	17.6
3 2	10 24.91	− 9 43.1	2.239	3.195	5.6	17.5
3 12	10 17.88	− 8 40.5	2.250	3.196	6.5	17.6
3 22	10 11.93	− 7 30.1	2.289	3.196	8.7	17.7
4 1	10 7.62	− 6 18.2	2.353	3.196	11.2	17.9

211598 2003 SB_{291} 2 24.9 145.°77 2.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.17	+13 38.1	1.830	2.663	13.6	20.6
2 1	10 51.27	+14 18.6	1.761	2.670	10.0	20.4
2 11	10 43.09	+15 5.7	1.716	2.678	6.0	20.2
2 21	10 33.42	+15 53.1	1.700	2.684	2.5	20.0
3 2	10 23.31	+16 34.1	1.712	2.690	4.3	20.1
3 12	10 13.95	+17 3.1	1.753	2.696	8.3	20.3
3 22	10 6.30	+17 17.2	1.820	2.701	12.0	20.6
4 1	10 1.04	+17 15.9	1.908	2.706	15.2	20.8

32438 2000 RW_{98} 2 24.9 86.°50 5.°2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.23	− 8 44.9	2.456	3.197	13.3	18.5
2 1	10 46.41	− 9 7.1	2.375	3.208	10.9	18.4
2 11	10 39.99	− 9 11.5	2.317	3.219	8.4	18.2
2 21	10 32.51	− 8 58.3	2.285	3.230	6.1	18.1
3 2	10 24.68	− 8 29.1	2.281	3.242	5.2	18.1
3 12	10 17.30	− 7 47.9	2.306	3.253	6.3	18.2
3 22	10 11.06	− 6 59.8	2.358	3.264	8.6	18.3
4 1	10 6.48	− 6 10.0	2.435	3.275	11.0	18.5

176691 2002 PQ_{160} 2 24.9 176.°90 0.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.43	+ 6 19.4	2.022	2.833	13.4	21.1
2 1	10 50.58	+ 6 32.9	1.940	2.835	10.1	20.9
2 11	10 42.65	+ 6 57.7	1.882	2.836	6.2	20.6
2 21	10 33.30	+ 7 30.4	1.852	2.837	2.0	20.3
3 2	10 23.48	+ 8 6.0	1.852	2.838	2.5	20.4
3 12	10 14.22	+ 8 39.5	1.881	2.838	6.7	20.6
3 22	10 6.45	+ 9 6.5	1.938	2.837	10.5	20.9
4 1	10 0.81	+ 9 24.1	2.018	2.836	13.8	21.1

203358 2001 VS_{64} 2 24.9 172.°63 2.°7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.64	+ 0 23.7	1.805	2.601	15.4	21.0
2 1	10 50.97	+ 0 27.7	1.723	2.604	11.9	20.8
2 11	10 43.00	+ 0 49.2	1.663	2.606	8.0	20.5
2 21	10 33.43	+ 1 26.0	1.630	2.608	4.0	20.3
3 2	10 23.29	+ 2 13.6	1.626	2.610	3.3	20.3
3 12	10 13.76	+ 3 5.5	1.650	2.610	7.1	20.5
3 22	10 5.87	+ 3 55.2	1.701	2.610	11.1	20.7
4 1	10 0.33	+ 4 37.4	1.775	2.610	14.7	21.0

365210 2009 HM_{12} 2 24.9 258.°17 1.°5/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.14	+10 27.3	1.791	2.623	13.9	22.0
2 1	10 49.32	+11 11.4	1.700	2.609	10.3	21.7
2 11	10 42.13	+12 7.1	1.633	2.594	6.2	21.4
2 21	10 33.21	+13 8.6	1.593	2.579	2.0	21.1
3 2	10 23.57	+14 8.6	1.581	2.563	3.8	21.2
3 12	10 14.42	+14 59.6	1.598	2.548	8.3	21.4
3 22	10 6.82	+15 36.7	1.640	2.532	12.6	21.6
4 1	10 1.61	+15 57.0	1.704	2.515	16.2	21.8

131629 2001 XB_{62} 2 24.9 57.°89 4.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.23	− 1 29.8	1.367	2.177	18.7	19.1
2 1	10 50.40	− 1 46.3	1.301	2.187	14.7	18.9
2 11	10 42.82	− 1 39.7	1.256	2.197	10.2	18.7
2 21	10 33.39	− 1 11.6	1.234	2.208	5.8	18.4
3 2	10 23.39	− 0 26.8	1.237	2.219	4.7	18.4
3 12	10 14.29	+ 0 26.7	1.267	2.230	8.3	18.6
3 22	10 7.26	+ 1 20.5	1.321	2.242	12.7	18.9
4 1	10 3.08	+ 2 7.1	1.396	2.253	16.7	19.2

169219 2001 RU_{133} 2 24.9 62.°49 1.°3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.46	+ 1 1.7	2.129	2.932	13.1	19.8
2 1	10 44.55	+ 1 56.5	2.056	2.944	9.9	19.7
2 11	10 38.94	+ 3 8.0	2.007	2.957	6.3	19.5
2 21	10 32.22	+ 4 31.9	1.986	2.969	2.6	19.2
3 2	10 25.16	+ 6 1.6	1.995	2.982	2.3	19.2
3 12	10 18.62	+ 7 29.9	2.034	2.994	5.9	19.5
3 22	10 13.33	+ 8 50.5	2.100	3.007	9.4	19.7
4 1	10 9.81	+ 9 58.5	2.190	3.020	12.4	19.9

276166 2002 OW_4 2 24.9 217.°03 1.°0/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 49.64	+ 2 3.2	2.446	3.244	11.7	20.9
2 1	10 45.34	+ 2 53.6	2.351	3.238	8.9	20.7
2 11	10 39.42	+ 3 58.9	2.282	3.231	5.7	20.5
2 21	10 32.37	+ 5 15.5	2.241	3.224	2.2	20.2
3 2	10 24.89	+ 6 38.0	2.231	3.217	2.1	20.2
3 12	10 17.77	+ 8 0.2	2.251	3.209	5.6	20.4
3 22	10 11.70	+ 9 16.3	2.300	3.201	9.0	20.6
4 1	10 7.25	+10 21.9	2.374	3.193	11.9	20.8

434611 2005 UU_{391} 2 24.9 106.°68 1.°3/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 48.54	+ 2 29.4	2.608	3.407	11.1	21.2
2 1	10 44.36	+ 2 56.0	2.525	3.411	8.4	21.1
2 11	10 38.73	+ 3 34.6	2.467	3.415	5.4	20.9
2 21	10 32.15	+ 4 22.3	2.437	3.419	2.3	20.7
3 2	10 25.26	+ 5 15.1	2.437	3.423	2.0	20.6
3 12	10 18.75	+ 6 8.4	2.467	3.426	5.1	20.9
3 22	10 13.25	+ 6 57.9	2.525	3.430	8.1	21.1
4 1	10 9.24	+ 7 40.1	2.608	3.434	10.8	21.2

150499 2000 QV_{117} 2 24.9 217.°40 2.°1/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.05	+13 47.6	2.428	3.254	10.9	20.6
2 1	10 48.64	+14 35.3	2.338	3.244	8.0	20.4
2 11	10 41.43	+15 29.0	2.274	3.234	4.8	20.1
2 21	10 32.96	+16 23.5	2.240	3.223	2.2	19.9
3 2	10 24.01	+17 13.5	2.236	3.212	3.7	20.0
3 12	10 15.47	+17 53.8	2.262	3.200	7.0	20.2
3 22	10 8.12	+18 21.5	2.316	3.187	10.2	20.4
4 1	10 2.56	+18 35.1	2.393	3.173	13.0	20.6

415753 2000 QR_{24} 2 24.9 132.°73 0.°3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.13	+ 9 28.9	2.222	3.036	12.2	21.2
2 1	10 50.83	+ 9 39.2	2.149	3.048	9.1	21.0
2 11	10 42.66	+ 9 56.9	2.102	3.059	5.4	20.8
2 21	10 33.29	+10 18.3	2.084	3.071	1.5	20.5
3 2	10 23.61	+10 39.3	2.096	3.081	2.5	20.6
3 12	10 14.55	+10 55.9	2.139	3.092	6.3	20.9
3 22	10 6.92	+11 5.5	2.209	3.101	9.7	21.1
4 1	10 1.27	+11 6.2	2.304	3.111	12.6	21.3

221695 2007 DV_{54} 2 24.9 353.°23 0.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 51.42	+ 6 35.9	1.509	2.346	15.8	20.7
2 1	10 47.49	+ 6 58.2	1.433	2.342	11.9	20.5
2 11	10 41.06	+ 7 36.0	1.380	2.340	7.3	20.2
2 21	10 32.91	+ 8 24.3	1.351	2.338	2.2	19.9
3 2	10 24.14	+ 9 16.3	1.350	2.336	3.1	19.9
3 12	10 16.06	+10 4.2	1.374	2.335	8.1	20.2
3 22	10 9.77	+10 41.8	1.424	2.335	12.7	20.5
4 1	10 6.03	+11 5.3	1.494	2.335	16.6	20.7

163753 2003 OZ_4 2 24.9 133.°04 0.°4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.64	+ 5 22.8	1.952	2.763	13.8	20.9
2 1	10 49.96	+ 6 0.8	1.882	2.778	10.3	20.8
2 11	10 42.24	+ 6 52.3	1.837	2.792	6.3	20.5
2 21	10 33.19	+ 7 52.3	1.820	2.805	2.0	20.3
3 2	10 23.77	+ 8 54.7	1.832	2.818	2.5	20.3
3 12	10 15.02	+ 9 52.9	1.874	2.830	6.7	20.6
3 22	10 7.80	+10 41.8	1.944	2.842	10.5	20.9
4 1	10 2.74	+11 18.1	2.036	2.852	13.7	21.1

322822 2001 SK_{215} 2 24.9 130.°69 2.°1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.03	+12 35.0	1.998	2.830	12.7	21.1
2 1	10 48.79	+13 29.9	1.931	2.840	9.3	20.9
2 11	10 41.55	+14 32.3	1.888	2.850	5.5	20.7
2 21	10 33.00	+15 36.0	1.875	2.859	2.3	20.5
3 2	10 24.07	+16 34.1	1.890	2.868	4.0	20.6
3 12	10 15.78	+17 20.9	1.935	2.877	7.7	20.9
3 22	10 8.98	+17 52.8	2.005	2.885	11.2	21.1
4 1	10 4.29	+18 8.6	2.098	2.892	14.1	21.3

183254 2002 TK_{166} 2 24.9 86.°44 1.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.08	+ 0 44.2	1.805	2.605	15.2	20.9
2 1	10 49.52	+ 1 23.3	1.750	2.635	11.5	20.7
2 11	10 41.93	+ 2 20.3	1.718	2.665	7.4	20.5
2 21	10 33.08	+ 3 30.4	1.713	2.694	3.2	20.3
3 2	10 23.99	+ 4 46.9	1.737	2.723	2.7	20.4
3 12	10 15.73	+ 6 2.0	1.790	2.751	6.6	20.7
3 22	10 9.12	+ 7 9.1	1.871	2.778	10.4	20.9
4 1	10 4.71	+ 8 3.9	1.975	2.805	13.6	21.2

185343 2006 VK_{46} 2 24.9 214.°34 0.°2/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.48	+ 8 12.8	2.561	3.377	10.7	21.3
2 1	10 45.85	+ 8 38.7	2.475	3.375	8.0	21.1
2 11	10 39.67	+ 9 13.0	2.414	3.372	4.8	20.9
2 21	10 32.45	+ 9 52.1	2.383	3.369	1.4	20.6
3 2	10 24.87	+10 32.1	2.381	3.366	2.2	20.7
3 12	10 17.68	+11 8.6	2.409	3.363	5.6	20.9
3 22	10 11.55	+11 38.2	2.466	3.360	8.8	21.1
4 1	10 7.01	+11 58.5	2.546	3.356	11.5	21.3

10253 Westerwald 2 24.9 27.°77 0.°4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.16	+ 7 49.8	1.122	1.976	18.9	17.9
2 1	10 49.29	+ 8 15.8	1.066	1.984	14.0	17.6
2 11	10 42.32	+ 8 59.4	1.030	1.994	8.4	17.3
2 21	10 33.28	+ 9 53.4	1.017	2.004	2.4	17.0
3 2	10 23.68	+10 48.3	1.028	2.015	3.9	17.1
3 12	10 15.18	+11 34.4	1.064	2.026	9.7	17.5
3 22	10 9.09	+12 5.3	1.122	2.039	14.8	17.8
4 1	10 6.17	+12 17.9	1.199	2.052	19.1	18.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
209679	2005 EV_8		2 24.9	101.°17	0.°2/24.8	18
	h m	° ′			°	m
1 22	10 56.73	+ 7 43.6	1.646	2.472	15.2	21.0
2 1	10 51.05	+ 8 13.4	1.584	2.488	11.3	20.8
2 11	10 43.00	+ 8 55.8	1.545	2.504	6.8	20.5
2 21	10 33.43	+ 9 45.3	1.533	2.520	1.9	20.3
3 2	10 23.47	+10 35.0	1.550	2.535	3.1	20.4
3 12	10 14.38	+11 18.1	1.594	2.550	7.7	20.7
3 22	10 7.13	+11 50.1	1.664	2.565	11.9	21.0
4 1	10 2.38	+12 8.3	1.757	2.579	15.3	21.2
435958	2009 DP_{39}		2 24.9	334.°23	0.°2/25.2	17
1 22	10 48.45	+ 5 13.8	2.133	2.952	12.5	21.1
2 1	10 44.65	+ 6 1.4	2.048	2.948	9.3	20.9
2 11	10 39.09	+ 7 2.8	1.988	2.945	5.7	20.7
2 21	10 32.31	+ 8 13.6	1.956	2.942	1.8	20.4
3 2	10 25.09	+ 9 27.7	1.953	2.939	2.4	20.5
3 12	10 18.31	+10 38.4	1.979	2.937	6.3	20.7
3 22	10 12.75	+11 40.2	2.033	2.934	10.0	20.9
4 1	10 9.00	+12 29.1	2.109	2.932	13.1	21.1
197105	2003 UW_{195}		2 24.9	17.°75	4.°1/28.9	18
1 22	10 49.16	− 4 42.9	1.922	2.705	15.0	19.6
2 1	10 45.33	− 4 32.5	1.840	2.707	12.0	19.4
2 11	10 39.56	− 4 0.8	1.779	2.709	8.6	19.2
2 21	10 32.45	− 3 9.4	1.744	2.711	5.3	19.0
3 2	10 24.88	− 2 2.6	1.736	2.714	4.2	18.9
3 12	10 17.82	− 0 47.2	1.756	2.717	6.6	19.1
3 22	10 12.13	+ 0 29.3	1.803	2.721	10.0	19.3
4 1	10 8.43	+ 1 40.1	1.873	2.724	13.3	19.5
45771	2000 NE_5		2 24.9	222.°26	0.°2/25.1	18 R
1 22	10 57.66	+ 7 43.8	1.784	2.603	14.5	18.7
2 1	10 51.87	+ 7 56.9	1.695	2.596	10.9	18.4
2 11	10 43.64	+ 8 21.6	1.631	2.588	6.7	18.1
2 21	10 33.67	+ 8 53.8	1.593	2.580	2.0	17.8
3 2	10 23.02	+ 9 28.3	1.585	2.571	2.9	17.8
3 12	10 12.95	+ 9 59.0	1.605	2.561	7.6	18.1
3 22	10 4.54	+10 21.3	1.652	2.551	12.0	18.3
4 1	9 58.59	+10 32.3	1.720	2.541	15.7	18.6
6916	Lewispearce		2 24.9	283.°46	4.°1/27.9	18
1 22	10 56.62	− 1 41.9	2.169	2.944	13.8	16.6
2 1	10 50.92	− 2 21.5	2.055	2.919	11.1	16.4
2 11	10 43.05	− 2 48.2	1.964	2.893	8.0	16.1
2 21	10 33.53	− 3 1.4	1.900	2.867	5.0	15.9
3 2	10 23.21	− 3 2.0	1.865	2.841	4.3	15.8
3 12	10 13.12	− 2 52.9	1.860	2.814	6.9	15.9
3 22	10 4.25	− 2 38.1	1.882	2.787	10.4	16.1
4 1	9 57.40	− 2 22.1	1.928	2.760	13.8	16.2
136508	2005 KO_8		2 24.9	70.°88	4.°4/29.6	18
1 22	10 50.03	− 6 15.2	2.268	3.030	13.6	20.2
2 1	10 45.73	− 6 19.3	2.179	3.031	11.1	20.0
2 11	10 39.71	− 6 5.0	2.113	3.031	8.2	19.8
2 21	10 32.50	− 5 32.8	2.073	3.032	5.5	19.6
3 2	10 24.87	− 4 45.7	2.061	3.032	4.5	19.6
3 12	10 17.66	− 3 48.5	2.077	3.033	6.2	19.7
3 22	10 11.62	− 2 47.0	2.121	3.034	9.0	19.9
4 1	10 7.33	− 1 47.1	2.189	3.034	11.9	20.0
55168	2001 QK_{250}		2 24.9	15.°58	5.°9/19.6	18
1 22	10 50.29	+21 39.3	1.633	2.493	13.6	18.0
2 1	10 46.50	+22 59.3	1.579	2.499	10.2	17.8
2 11	10 40.37	+24 19.4	1.549	2.505	7.1	17.7
2 21	10 32.70	+25 30.2	1.545	2.513	5.9	17.6
3 2	10 24.62	+26 23.1	1.568	2.521	7.8	17.7
3 12	10 17.35	+26 52.5	1.616	2.530	11.0	17.9
3 22	10 11.86	+26 57.3	1.686	2.540	14.2	18.2
4 1	10 8.80	+26 39.1	1.776	2.551	17.0	18.4
301165	2008 YC_{50}		2 24.9	126.°50	0.°1/25.1	18
1 22	10 58.02	+ 7 20.5	1.754	2.573	14.8	21.6
2 1	10 51.92	+ 7 41.7	1.686	2.586	11.0	21.4
2 11	10 43.52	+ 8 15.0	1.642	2.599	6.7	21.2
2 21	10 33.60	+ 8 55.5	1.626	2.612	2.0	20.9
3 2	10 23.28	+ 9 37.3	1.638	2.624	2.8	21.0
3 12	10 13.76	+10 14.3	1.679	2.635	7.4	21.3
3 22	10 6.00	+10 42.0	1.747	2.646	11.5	21.5
4 1	10 0.68	+10 57.9	1.837	2.657	14.9	21.8
114647	2003 ER_{44}		2 24.9	237.°32	3.°3/21.9	18
1 22	10 56.95	+20 40.5	2.544	3.373	10.4	19.4
2 1	10 50.63	+20 58.6	2.463	3.368	7.8	19.2
2 11	10 42.55	+21 15.7	2.408	3.363	5.0	19.1
2 21	10 33.30	+21 27.2	2.383	3.358	3.4	18.9
3 2	10 23.71	+21 29.2	2.388	3.353	4.6	19.0
3 12	10 14.66	+21 19.0	2.423	3.347	7.3	19.2
3 22	10 6.91	+20 56.1	2.485	3.342	10.1	19.3
4 1	10 1.01	+20 21.1	2.571	3.336	12.6	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
283445	2000 WP_{138}		2 24.9	119.°98	0.°3/25.4	17
	h m	° ′			°	m
1 22	10 50.56	+ 6 14.4	3.083	3.885	9.5	22.1
2 1	10 45.57	+ 6 41.8	3.013	3.904	7.0	22.0
2 11	10 39.34	+ 7 17.0	2.969	3.922	4.3	21.8
2 21	10 32.35	+ 7 56.9	2.954	3.940	1.3	21.6
3 2	10 25.16	+ 8 38.1	2.971	3.957	1.7	21.7
3 12	10 18.37	+ 9 17.1	3.020	3.974	4.6	21.9
3 22	10 12.50	+ 9 51.1	3.097	3.991	7.2	22.1
4 1	10 7.95	+10 17.8	3.200	4.007	9.4	22.3
278810	2008 SH_{248}		2 24.9	119.°64	0.°3/25.3	17
1 22	10 51.69	+ 5 56.8	2.149	2.964	12.5	21.6
2 1	10 46.96	+ 6 28.4	2.073	2.971	9.4	21.4
2 11	10 40.43	+ 7 11.9	2.022	2.978	5.7	21.2
2 21	10 32.71	+ 8 3.0	1.998	2.984	1.8	20.9
3 2	10 24.61	+ 8 56.6	2.004	2.990	2.3	20.9
3 12	10 17.04	+ 9 47.0	2.039	2.996	6.2	21.2
3 22	10 10.76	+10 29.7	2.102	3.002	9.7	21.4
4 1	10 6.36	+11 1.6	2.188	3.008	12.8	21.6
182931	2002 GQ_1		2 24.9	10.°23	9.°5/	6.7 18
1 22	10 42.88	−18 29.8	1.546	2.277	20.2	18.5
2 1	10 41.12	−18 36.9	1.474	2.284	17.6	18.4
2 11	10 37.20	−18 6.7	1.419	2.293	14.6	18.2
2 21	10 31.81	−16 57.9	1.384	2.303	11.7	18.0
3 2	10 25.94	−15 13.4	1.372	2.315	9.8	17.9
3 12	10 20.73	−13 2.3	1.384	2.329	9.8	18.0
3 22	10 17.10	−10 37.4	1.421	2.344	11.8	18.1
4 1	10 15.72	− 8 12.1	1.482	2.361	14.6	18.3
424760	2008 TM_{63}		2 24.9	38.°10	0.°8/24.3	17
1 22	10 52.32	+ 9 37.5	1.965	2.794	13.0	21.3
2 1	10 47.61	+10 7.5	1.889	2.796	9.6	21.0
2 11	10 40.91	+10 47.2	1.838	2.798	5.7	20.8
2 21	10 32.86	+11 31.6	1.813	2.800	1.6	20.5
3 2	10 24.38	+12 15.2	1.818	2.802	3.0	20.6
3 12	10 16.48	+12 52.3	1.851	2.804	7.1	20.9
3 22	10 10.01	+13 19.0	1.911	2.807	10.8	21.1
4 1	10 5.62	+13 33.0	1.993	2.809	14.0	21.3
51939	2001 QG_{168}		2 24.9	26.°33	3.°8/27.2	18
1 22	10 57.46	+ 1 37.3	1.497	2.308	17.2	18.1
2 1	10 51.93	+ 0 53.4	1.424	2.312	13.5	17.9
2 11	10 43.74	+ 0 25.6	1.373	2.318	9.1	17.6
2 21	10 33.72	+ 0 13.4	1.346	2.323	5.0	17.4
3 2	10 23.10	+ 0 14.2	1.347	2.329	4.3	17.4
3 12	10 13.29	+ 0 23.2	1.375	2.336	8.0	17.6
3 22	10 5.46	+ 0 35.2	1.427	2.343	12.3	17.9
4 1	10 0.38	+ 0 45.0	1.501	2.351	16.1	18.1
55233	2001 RZ_{74}		2 24.9	326.°76	1.°6/24.0	18
1 22	10 55.04	+11 17.3	1.248	2.101	17.4	18.4
2 1	10 50.77	+11 38.9	1.173	2.092	13.0	18.1
2 11	10 43.37	+12 12.9	1.118	2.083	7.8	17.8
2 21	10 33.68	+12 52.4	1.088	2.075	2.4	17.4
3 2	10 23.12	+13 29.0	1.083	2.067	4.5	17.5
3 12	10 13.40	+13 54.6	1.103	2.060	10.2	17.8
3 22	10 5.93	+14 4.2	1.145	2.053	15.4	18.1
4 1	10 1.68	+13 55.8	1.206	2.047	19.8	18.4
44739	1999 TV_{36}		2 24.9	204.°47	2.°1/26.6	18
1 22	10 57.90	+ 2 5.2	1.783	2.584	15.3	20.1
2 1	10 52.07	+ 2 14.7	1.693	2.579	11.8	19.8
2 11	10 43.79	+ 2 41.1	1.626	2.573	7.7	19.6
2 21	10 33.76	+ 3 21.7	1.585	2.567	3.4	19.3
3 2	10 23.02	+ 4 11.4	1.574	2.559	3.0	19.2
3 12	10 12.82	+ 5 3.7	1.591	2.551	7.3	19.5
3 22	10 4.26	+ 5 52.0	1.636	2.542	11.6	19.7
4 1	9 58.16	+ 6 31.3	1.703	2.532	15.4	19.9
508246	2015 HY_{45}		2 24.9	244.°44	7.°0/15.8	17
1 22	10 55.73	+34 27.2	2.777	3.599	9.8	22.1
2 1	10 49.90	+35 34.2	2.707	3.585	8.2	22.0
2 11	10 42.19	+36 33.2	2.663	3.571	7.1	21.9
2 21	10 33.23	+37 17.7	2.646	3.557	7.2	21.9
3 2	10 23.85	+37 42.7	2.657	3.543	8.3	21.9
3 12	10 14.97	+37 45.8	2.695	3.528	10.1	22.0
3 22	10 7.40	+37 27.3	2.756	3.513	11.9	22.2
4 1	10 1.75	+36 49.3	2.836	3.498	13.7	22.3
349040	2006 VM_{74}		2 25.0	68.°26	8.°9/17.5	18
1 22	10 58.14	+29 44.2	1.594	2.442	14.5	20.2
2 1	10 52.36	+31 19.7	1.557	2.461	11.5	20.0
2 11	10 43.88	+32 45.3	1.545	2.479	9.4	19.9
2 21	10 33.72	+33 50.0	1.559	2.497	9.0	20.0
3 2	10 23.27	+34 25.8	1.597	2.516	10.7	20.1
3 12	10 13.99	+34 30.0	1.660	2.534	13.2	20.3
3 22	10 6.95	+34 5.0	1.744	2.553	15.9	20.5
4 1	10 2.76	+33 15.8	1.847	2.571	18.2	20.7