90213 2003 AH_{81} 2 9.9 359.°59 10.°3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.93	+35 25.6	1.512	2.326	16.9	18.6
1 12	9 57.04	+37 10.7	1.450	2.324	14.1	18.4
1 22	9 50.54	+38 52.1	1.409	2.323	11.6	18.3
2 1	9 41.10	+40 16.6	1.392	2.323	10.3	18.2
2 11	9 30.12	+41 12.2	1.399	2.323	11.1	18.2
2 21	9 19.35	+41 32.3	1.431	2.324	13.4	18.4
3 2	9 10.50	+41 16.4	1.483	2.325	16.2	18.6
3 12	9 4.79	+40 29.7	1.554	2.327	18.9	18.8

492663 2014 PQ_{8} 2 9.9 282.°93 0.°1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.96	+10 23.2	1.504	2.292	18.2	21.3
1 12	9 53.50	+10 59.4	1.406	2.277	14.6	21.0
1 22	9 48.02	+11 56.2	1.327	2.261	10.2	20.7
2 1	9 39.94	+13 10.1	1.272	2.246	5.1	20.4
2 11	9 30.25	+14 33.7	1.243	2.230	0.5	20.0
2 21	9 20.31	+15 57.5	1.242	2.214	6.2	20.4
3 2	9 11.61	+17 12.3	1.267	2.199	11.6	20.6
3 12	9 5.41	+18 11.5	1.314	2.183	16.3	20.9

177626 2004 JH_{5} 2 9.9 181.°66 1.°5/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.91	+ 7 10.0	2.975	3.710	11.3	21.8
1 12	9 49.99	+ 7 19.4	2.874	3.710	9.1	21.6
1 22	9 44.51	+ 7 39.1	2.796	3.710	6.5	21.5
2 1	9 37.83	+ 8 7.8	2.746	3.710	3.7	21.3
2 11	9 30.52	+ 8 42.9	2.727	3.710	1.5	21.1
2 21	9 23.21	+ 9 21.2	2.738	3.709	3.3	21.3
3 2	9 16.55	+ 9 59.5	2.779	3.708	6.2	21.4
3 12	9 11.10	+10 34.7	2.848	3.706	8.8	21.6

432140 2009 BP_{84} 2 9.9 49.°71 0.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.68	+12 27.7	2.095	2.868	14.2	21.4
1 12	9 51.25	+12 52.9	2.014	2.878	11.2	21.2
1 22	9 45.68	+13 29.6	1.955	2.887	7.6	21.0
2 1	9 38.47	+14 14.1	1.923	2.896	3.7	20.8
2 11	9 30.45	+15 1.7	1.920	2.906	0.5	20.5
2 21	9 22.52	+15 47.0	1.945	2.916	4.5	20.9
3 2	9 15.62	+16 25.8	1.999	2.926	8.3	21.1
3 12	9 10.47	+16 54.9	2.079	2.936	11.6	21.3

362112 2009 CT_{47} 2 9.9 292.°40 5.°9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.23	+27 20.1	1.564	2.366	17.0	20.4
1 12	10 0.97	+27 53.0	1.471	2.348	13.7	20.2
1 22	9 53.19	+28 27.7	1.399	2.331	10.0	19.9
2 1	9 42.44	+28 55.3	1.351	2.314	6.7	19.7
2 11	9 30.00	+29 6.6	1.329	2.297	6.3	19.6
2 21	9 17.51	+28 55.6	1.335	2.280	9.5	19.7
3 2	9 6.71	+28 20.5	1.365	2.264	13.7	19.9
3 12	8 58.90	+27 24.3	1.417	2.247	17.6	20.1

411828 2012 DA_{47} 2 9.9 357.°42 6.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 50.87	− 5 21.4	1.567	2.296	20.0	20.6
1 12	9 49.11	− 5 20.8	1.478	2.294	17.1	20.4
1 22	9 44.73	− 4 49.9	1.406	2.292	13.7	20.1
2 1	9 38.21	− 3 46.5	1.355	2.291	10.0	19.9
2 11	9 30.48	− 2 13.2	1.328	2.291	7.1	19.7
2 21	9 22.69	− 0 17.1	1.327	2.291	7.3	19.7
3 2	9 16.08	+ 1 50.5	1.353	2.292	10.3	19.9
3 12	9 11.65	+ 3 57.7	1.403	2.293	14.1	20.1

9581 1990 DM_{3} 2 10.0 221.°20 1.°9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.82	+17 12.7	1.766	2.548	16.2	18.5
1 12	9 58.39	+17 40.7	1.671	2.540	12.8	18.3
1 22	9 51.03	+18 19.0	1.597	2.532	8.8	18.0
2 1	9 41.28	+19 2.3	1.549	2.523	4.3	17.7
2 11	9 30.15	+19 43.8	1.529	2.513	2.2	17.6
2 21	9 18.94	+20 17.0	1.538	2.503	6.3	17.8
3 2	9 9.02	+20 37.5	1.575	2.492	10.9	18.1
3 12	9 1.50	+20 43.5	1.635	2.481	14.9	18.3

343620 2010 GY_{138} 2 10.0 347.°12 3.°9/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.44	+22 38.2	2.205	3.000	12.9	20.3
1 12	9 51.22	+23 48.5	2.121	2.998	10.1	20.1
1 22	9 45.78	+25 4.7	2.062	2.997	7.0	19.9
2 1	9 38.59	+26 20.6	2.029	2.996	4.4	19.7
2 11	9 30.46	+27 28.8	2.026	2.995	4.3	19.7
2 21	9 22.33	+28 23.5	2.051	2.994	6.9	19.9
3 2	9 15.19	+29 0.8	2.103	2.993	10.0	20.0
3 12	9 9.84	+29 19.9	2.180	2.993	12.8	20.2

425118 2009 SM_{175} 2 10.0 87.°93 0.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.05	+11 10.4	2.046	2.811	14.8	21.2
1 12	9 53.80	+11 53.9	1.978	2.836	11.6	21.1
1 22	9 47.35	+12 50.3	1.932	2.861	7.9	20.9
2 1	9 39.25	+13 55.3	1.913	2.886	3.8	20.7
2 11	9 30.40	+15 2.9	1.924	2.910	0.5	20.4
2 21	9 21.76	+16 6.8	1.964	2.934	4.6	20.8
3 2	9 14.26	+17 2.0	2.034	2.958	8.4	21.1
3 12	9 8.63	+17 45.5	2.129	2.981	11.7	21.3

57105 2001 OJ_{72} 2 10.0 105.°61 0.°9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.11	+14 10.0	1.652	2.430	17.3	19.8
1 12	9 58.36	+14 41.7	1.584	2.450	13.5	19.6
1 22	9 50.76	+15 26.0	1.537	2.470	9.2	19.4
2 1	9 40.99	+16 17.5	1.515	2.489	4.4	19.2
2 11	9 30.20	+17 9.2	1.522	2.508	1.2	19.0
2 21	9 19.71	+17 54.4	1.557	2.526	5.8	19.3
3 2	9 10.75	+18 28.3	1.620	2.543	10.2	19.6
3 12	9 4.25	+18 48.7	1.707	2.560	14.0	19.9

160730 2000 QQ_{209} 2 10.0 209.°79 0.°3/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.10	+11 55.2	1.945	2.709	15.5	21.3
1 12	9 56.67	+12 9.7	1.846	2.703	12.4	21.0
1 22	9 49.65	+12 36.9	1.769	2.697	8.6	20.8
2 1	9 40.55	+13 13.5	1.718	2.690	4.3	20.5
2 11	9 30.24	+13 54.8	1.696	2.682	0.5	20.2
2 21	9 19.87	+14 35.3	1.703	2.674	5.0	20.5
3 2	9 10.59	+15 10.1	1.739	2.665	9.4	20.8
3 12	9 3.39	+15 35.7	1.800	2.655	13.3	21.0

87701 2000 SK_{19} 2 10.0 202.°77 4.°6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.03	− 2 43.3	2.675	3.369	13.3	20.3
1 12	9 49.54	− 2 54.7	2.571	3.367	11.3	20.2
1 22	9 44.34	− 2 50.1	2.489	3.365	8.9	20.0
2 1	9 37.81	− 2 29.0	2.432	3.363	6.4	19.9
2 11	9 30.56	− 1 52.6	2.402	3.361	4.7	19.7
2 21	9 23.28	− 1 3.9	2.402	3.358	5.1	19.8
3 2	9 16.68	− 0 6.9	2.431	3.356	7.1	19.9
3 12	9 11.40	+ 0 53.1	2.486	3.353	9.7	20.0

411332 2010 UA_{37} 2 10.0 125.°49 5.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.07	+26 58.8	2.160	2.944	13.5	21.0
1 12	9 57.88	+28 1.1	2.092	2.960	10.7	20.8
1 22	9 50.22	+29 4.5	2.048	2.975	7.7	20.7
2 1	9 40.68	+30 1.8	2.032	2.990	5.3	20.6
2 11	9 30.26	+30 46.0	2.045	3.005	5.3	20.6
2 21	9 20.06	+31 12.5	2.087	3.018	7.6	20.7
3 2	9 11.15	+31 19.6	2.157	3.031	10.5	20.9
3 12	9 4.37	+31 8.4	2.250	3.044	13.1	21.1

133538 2003 TW_{10} 2 10.0 173.°83 4.°0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.74	+25 30.9	2.277	3.061	12.9	20.4
1 12	9 56.00	+26 8.5	2.193	3.062	10.2	20.2
1 22	9 48.93	+26 48.0	2.133	3.063	7.2	20.0
2 1	9 40.08	+27 23.5	2.100	3.064	4.6	19.8
2 11	9 30.32	+27 49.2	2.096	3.065	4.3	19.8
2 21	9 20.68	+28 1.1	2.122	3.065	6.7	20.0
3 2	9 12.16	+27 57.5	2.176	3.065	9.7	20.2
3 12	9 5.57	+27 38.7	2.253	3.065	12.5	20.3

265767 2005 WX_{20} 2 10.0 235.°69 3.°7/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.34	+ 3 44.1	2.037	2.775	15.7	20.5
1 12	9 53.51	+ 3 21.7	1.939	2.771	13.0	20.3
1 22	9 47.37	+ 3 14.6	1.861	2.767	9.7	20.1
2 1	9 39.40	+ 3 22.9	1.808	2.763	6.2	19.9
2 11	9 30.39	+ 3 44.9	1.783	2.759	3.8	19.7
2 21	9 21.34	+ 4 17.1	1.787	2.755	5.2	19.8
3 2	9 13.27	+ 4 54.7	1.818	2.750	8.7	20.0
3 12	9 7.03	+ 5 32.7	1.875	2.746	12.1	20.2

426949 2013 YY_{23} 2 10.0 30.°71 3.°3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.88	+21 9.8	1.985	2.780	14.1	20.6
1 12	9 52.47	+21 59.2	1.908	2.785	11.0	20.4
1 22	9 46.67	+22 54.9	1.854	2.791	7.6	20.2
2 1	9 39.03	+23 50.8	1.826	2.797	4.3	20.0
2 11	9 30.44	+24 40.2	1.826	2.803	3.6	20.0
2 21	9 21.97	+25 17.3	1.855	2.809	6.6	20.2
3 2	9 14.66	+25 39.0	1.911	2.816	10.0	20.4
3 12	9 9.33	+25 44.3	1.991	2.823	13.2	20.6

380334 2002 PZ_{87} 2 10.0 119.°72 1.°0/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.52	+ 8 12.7	2.655	3.397	12.3	21.8
1 12	9 51.36	+ 8 40.2	2.571	3.414	9.8	21.7
1 22	9 45.48	+ 9 19.3	2.511	3.430	6.9	21.5
2 1	9 38.32	+10 7.6	2.479	3.446	3.6	21.3
2 11	9 30.53	+11 1.1	2.477	3.462	1.0	21.1
2 21	9 22.82	+11 55.8	2.506	3.477	3.6	21.3
3 2	9 15.92	+12 47.4	2.565	3.492	6.7	21.6
3 12	9 10.42	+13 32.6	2.651	3.506	9.5	21.8

258108 2001 QU_{200} 2 10.0 144.°45 0.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.22	+11 58.4	2.481	3.230	12.9	21.5
1 12	9 55.16	+12 12.6	2.394	3.243	10.2	21.3
1 22	9 48.14	+12 36.2	2.331	3.256	7.0	21.1
2 1	9 39.63	+13 6.3	2.296	3.267	3.5	20.9
2 11	9 30.39	+13 39.3	2.291	3.278	0.4	20.7
2 21	9 21.24	+14 11.2	2.318	3.288	4.0	21.0
3 2	9 13.04	+14 38.8	2.375	3.297	7.4	21.2
3 12	9 6.46	+14 59.5	2.458	3.306	10.4	21.4

171186 2005 JQ_{11} 2 10.0 185.°32 0.°9/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.91	+15 33.3	2.668	3.434	11.7	21.4
1 12	9 51.81	+16 0.5	2.573	3.433	9.2	21.2
1 22	9 45.88	+16 35.0	2.502	3.433	6.2	21.1
2 1	9 38.56	+17 13.7	2.459	3.432	3.0	20.8
2 11	9 30.50	+17 52.4	2.446	3.431	1.1	20.7
2 21	9 22.46	+18 27.3	2.464	3.430	4.2	20.9
3 2	9 15.20	+18 55.2	2.511	3.428	7.4	21.1
3 12	9 9.38	+19 14.1	2.585	3.426	10.2	21.3

339565 2005 KH_4 2 10.0 265.°89 9.°3/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.16	−16 7.7	2.478	3.089	16.0	21.3
1 12	9 49.95	−16 58.8	2.375	3.083	14.5	21.1
1 22	9 44.81	−17 28.2	2.288	3.077	12.7	21.0
2 1	9 38.12	−17 32.1	2.222	3.071	11.0	20.9
2 11	9 30.55	−17 9.0	2.180	3.064	9.7	20.8
2 21	9 22.87	−16 19.9	2.162	3.058	9.3	20.7
3 2	9 15.93	−15 8.7	2.171	3.052	10.1	20.8
3 12	9 10.48	−13 42.1	2.204	3.046	11.7	20.8

134625 1999 TM_{273} 2 10.0 180.°43 0.°4/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.65	+15 22.9	2.415	3.176	12.9	20.3
1 12	9 55.67	+15 26.6	2.320	3.177	10.2	20.1
1 22	9 48.58	+15 37.1	2.248	3.177	7.0	19.9
2 1	9 39.89	+15 51.6	2.204	3.177	3.3	19.7
2 11	9 30.37	+16 6.4	2.191	3.177	0.7	19.4
2 21	9 20.89	+16 18.2	2.208	3.176	4.3	19.7
3 2	9 12.38	+16 24.5	2.255	3.175	7.9	19.9
3 12	9 5.55	+16 23.7	2.328	3.174	11.0	20.1

195280 2002 EK_{73} 2 10.0 284.°10 1.°7/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.46	+17 41.1	2.017	2.800	14.4	20.1
1 12	9 54.67	+18 1.6	1.910	2.780	11.4	19.8
1 22	9 48.36	+18 30.3	1.825	2.760	7.8	19.6
2 1	9 39.96	+19 3.1	1.766	2.740	3.9	19.3
2 11	9 30.34	+19 34.5	1.736	2.720	1.9	19.1
2 21	9 20.57	+19 59.3	1.735	2.700	5.7	19.3
3 2	9 11.79	+20 13.7	1.762	2.680	9.8	19.5
3 12	9 5.01	+20 15.7	1.813	2.660	13.6	19.7

445024 2008 NT 2 10.0 124.°55 1.°5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.31	+ 8 38.8	1.899	2.647	16.4	22.3
1 12	9 58.88	+ 8 45.0	1.823	2.668	13.1	22.1
1 22	9 50.92	+ 9 5.5	1.768	2.688	9.2	21.9
2 1	9 41.05	+ 9 37.7	1.740	2.707	4.9	21.7
2 11	9 30.25	+10 17.0	1.741	2.726	1.5	21.5
2 21	9 19.68	+10 58.4	1.772	2.743	4.8	21.7
3 2	9 10.43	+11 36.8	1.832	2.760	8.9	22.0
3 12	9 3.36	+12 8.5	1.917	2.775	12.5	22.3

245984 2006 SX_{209} 2 10.0 231.°63 0.°0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.16	+12 22.6	2.917	3.669	11.1	22.6
1 12	9 51.13	+12 45.8	2.805	3.657	8.8	22.5
1 22	9 45.40	+13 17.7	2.717	3.643	6.1	22.3
2 1	9 38.35	+13 55.9	2.658	3.630	3.0	22.0
2 11	9 30.54	+14 37.0	2.629	3.616	0.3	21.8
2 21	9 22.66	+15 17.3	2.631	3.601	3.6	22.0
3 2	9 15.40	+15 53.5	2.664	3.586	6.8	22.2
3 12	9 9.42	+16 23.0	2.724	3.570	9.6	22.4

471328 2011 KH_{34} 2 10.0 270.°93 2.°6/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.60	+ 4 43.5	2.300	3.039	14.1	22.3
1 12	9 51.22	+ 4 47.0	2.185	3.021	11.6	22.1
1 22	9 45.77	+ 5 5.4	2.092	3.003	8.5	21.9
2 1	9 38.64	+ 5 38.3	2.025	2.985	5.2	21.6
2 11	9 30.50	+ 6 22.9	1.986	2.966	2.7	21.4
2 21	9 22.21	+ 7 15.1	1.977	2.948	4.4	21.5
3 2	9 14.66	+ 8 10.0	1.996	2.929	8.0	21.7
3 12	9 8.67	+ 9 2.4	2.042	2.910	11.4	21.9

412027 2013 CU_{64} 2 10.0 285.°12 1.°7/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.53	+ 8 13.4	1.559	2.336	18.2	21.6
1 12	9 53.90	+ 8 24.6	1.453	2.316	14.8	21.4
1 22	9 48.30	+ 8 55.3	1.367	2.295	10.6	21.1
2 1	9 40.13	+ 9 44.1	1.305	2.274	5.7	20.7
2 11	9 30.33	+10 46.1	1.268	2.254	1.7	20.4
2 21	9 20.20	+11 53.8	1.259	2.233	5.8	20.6
3 2	9 11.21	+12 59.2	1.276	2.212	11.1	20.8
3 12	9 4.62	+13 55.1	1.316	2.191	15.9	21.1

428823 2008 TE_{109} 2 10.0 75.°20 0.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.21	+10 18.4	2.079	2.843	14.6	22.4
1 12	9 52.37	+10 53.2	2.008	2.865	11.5	22.2
1 22	9 46.39	+11 41.3	1.959	2.887	7.9	22.0
2 1	9 38.82	+12 38.8	1.937	2.909	3.9	21.8
2 11	9 30.51	+13 40.2	1.944	2.931	0.5	21.6
2 21	9 22.37	+14 39.9	1.981	2.952	4.4	21.9
3 2	9 15.31	+15 32.9	2.046	2.974	8.1	22.2
3 12	9 10.05	+16 15.7	2.137	2.995	11.4	22.4

150663 2001 JN_6 2 10.0 232.°86 1.°4/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.39	+15 9.6	1.721	2.502	16.5	21.4
1 12	9 57.42	+15 45.3	1.622	2.491	13.2	21.1
1 22	9 50.49	+16 34.3	1.544	2.479	9.0	20.8
2 1	9 41.10	+17 31.9	1.492	2.466	4.4	20.5
2 11	9 30.24	+18 30.6	1.468	2.453	1.7	20.3
2 21	9 19.20	+19 23.0	1.472	2.439	6.3	20.6
3 2	9 9.39	+20 3.0	1.504	2.424	11.1	20.8
3 12	9 1.97	+20 27.6	1.559	2.409	15.3	21.0

57008 2000 SV_{356} 2 10.0 140.°74 5.°0/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.88	+28 33.2	2.293	3.074	12.9	19.4
1 12	9 58.42	+29 21.7	2.220	3.084	10.3	19.2
1 22	9 50.54	+30 9.8	2.171	3.095	7.5	19.1
2 1	9 40.85	+30 50.9	2.149	3.104	5.3	19.0
2 11	9 30.29	+31 18.8	2.156	3.113	5.3	19.0
2 21	9 19.95	+31 29.6	2.193	3.122	7.4	19.1
3 2	9 10.86	+31 22.2	2.257	3.130	10.1	19.3
3 12	9 3.83	+30 58.1	2.346	3.137	12.7	19.5

22669 1998 QX_{32} 2 10.0 114.°65 0.°9/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.03	+ 9 43.5	2.172	2.932	14.2	18.8
1 12	9 52.26	+ 9 59.1	2.084	2.937	11.3	18.6
1 22	9 46.38	+10 27.4	2.018	2.943	7.9	18.4
2 1	9 38.87	+11 5.8	1.979	2.949	4.1	18.2
2 11	9 30.51	+11 50.1	1.969	2.954	0.9	18.0
2 21	9 22.20	+12 35.5	1.988	2.960	4.3	18.2
3 2	9 14.86	+13 17.5	2.036	2.965	8.0	18.5
3 12	9 9.24	+13 52.3	2.109	2.970	11.4	18.7

355870 2008 US_{353} 2 10.0 89.°91 1.°6/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.77	+15 49.7	1.512	2.304	18.0	21.4
1 12	9 57.66	+16 23.4	1.444	2.319	14.1	21.2
1 22	9 50.50	+17 9.4	1.396	2.333	9.5	21.0
2 1	9 40.97	+18 1.7	1.373	2.348	4.6	20.7
2 11	9 30.29	+18 52.3	1.377	2.362	1.9	20.6
2 21	9 19.88	+19 34.0	1.409	2.376	6.5	20.9
3 2	9 11.10	+20 2.1	1.467	2.390	11.1	21.2
3 12	9 4.96	+20 14.7	1.548	2.403	15.1	21.5

455210 2001 MR_{17} 2 10.0 222.°79 2.°6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.93	+16 37.9	1.707	2.496	16.4	21.6
1 12	9 56.29	+17 41.1	1.614	2.488	12.9	21.4
1 22	9 49.72	+18 58.5	1.543	2.480	8.8	21.1
2 1	9 40.73	+20 23.6	1.498	2.471	4.4	20.8
2 11	9 30.30	+21 47.1	1.480	2.462	3.0	20.7
2 21	9 19.72	+23 0.0	1.492	2.452	7.1	20.9
3 2	9 10.40	+23 55.7	1.530	2.442	11.5	21.2
3 12	9 3.46	+24 31.3	1.592	2.431	15.5	21.4

245396 2005 GP_{171} 2 10.0 281.°86 4.°4/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.56	− 0 7.3	2.296	3.014	14.7	21.3
1 12	9 50.34	− 0 21.0	2.190	3.005	12.3	21.1
1 22	9 45.12	− 0 17.9	2.104	2.995	9.5	20.9
2 1	9 38.30	+ 0 2.6	2.042	2.986	6.6	20.7
2 11	9 30.58	+ 0 39.0	2.008	2.976	4.5	20.6
2 21	9 22.76	+ 1 27.9	2.003	2.967	5.2	20.6
3 2	9 15.71	+ 2 24.4	2.026	2.957	8.0	20.8
3 12	9 10.21	+ 3 23.1	2.076	2.948	11.1	20.9

65455 2002 VC_{75} 2 10.0 14.°31 0.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.22	+10 39.4	1.295	2.095	20.0	19.6
1 12	9 53.95	+11 14.0	1.218	2.096	15.9	19.3
1 22	9 48.39	+12 10.0	1.160	2.097	11.0	19.0
2 1	9 40.13	+13 22.7	1.124	2.098	5.4	18.7
2 11	9 30.37	+14 43.4	1.114	2.100	0.6	18.4
2 21	9 20.66	+16 1.7	1.130	2.103	6.5	18.8
3 2	9 12.55	+17 8.4	1.170	2.105	12.0	19.1
3 12	9 7.25	+17 57.7	1.233	2.108	16.7	19.4

143154 2002 XA_{50} 2 10.0 317.°61 3.°7/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.42	+20 7.6	1.571	2.378	16.7	19.9
1 12	9 53.80	+20 56.9	1.481	2.366	13.2	19.6
1 22	9 48.16	+21 56.6	1.413	2.353	9.1	19.3
2 1	9 40.00	+22 59.7	1.369	2.341	5.0	19.0
2 11	9 30.40	+23 57.2	1.351	2.330	4.1	19.0
2 21	9 20.70	+24 41.0	1.360	2.319	7.9	19.2
3 2	9 12.36	+25 5.9	1.395	2.308	12.3	19.4
3 12	9 6.55	+25 10.5	1.451	2.298	16.4	19.6

11322 Aquamarine 2 10.0 132.°61 1.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.31	+ 6 8.9	2.341	3.081	13.8	19.3
1 12	9 52.28	+ 6 37.3	2.254	3.094	11.1	19.1
1 22	9 46.29	+ 7 20.4	2.190	3.105	7.9	18.9
2 1	9 38.80	+ 8 16.0	2.152	3.117	4.4	18.7
2 11	9 30.55	+ 9 19.8	2.144	3.128	1.6	18.5
2 21	9 22.35	+10 26.5	2.166	3.138	4.0	18.7
3 2	9 15.05	+11 30.9	2.218	3.148	7.4	19.0
3 12	9 9.34	+12 28.5	2.297	3.158	10.6	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
138501	2000 KH_{52}		2 10.0	345.°35	5.°2/ 6.7	18
	h m	° ′			°	m
1 2	9 51.37	+21 21.3	1.220	2.054	18.9	18.8
1 12	9 50.61	+22 26.2	1.141	2.041	14.9	18.5
1 22	9 46.41	+23 43.8	1.083	2.029	10.4	18.2
2 1	9 39.28	+25 4.4	1.046	2.019	6.2	17.9
2 11	9 30.47	+26 15.9	1.034	2.010	5.8	17.9
2 21	9 21.62	+27 7.3	1.046	2.003	9.9	18.0
3 2	9 14.46	+27 32.2	1.080	1.997	14.7	18.3
3 12	9 10.31	+27 29.8	1.133	1.993	19.1	18.5
215514	2002 UC_{50}		2 10.0	83.°73	6.°3/ 4.8	18
1 2	10 0.16	+26 4.4	1.738	2.540	15.6	20.1
1 12	9 56.28	+27 50.9	1.680	2.559	12.2	19.9
1 22	9 49.51	+29 41.2	1.647	2.578	8.9	19.7
2 1	9 40.49	+31 24.8	1.639	2.596	6.5	19.6
2 11	9 30.37	+32 50.9	1.660	2.614	6.9	19.7
2 21	9 20.47	+33 52.4	1.708	2.633	9.5	19.9
3 2	9 12.09	+34 26.5	1.782	2.651	12.6	20.1
3 12	9 6.18	+34 34.9	1.877	2.668	15.4	20.3
158889	2004 PE_{78}		2 10.0	169.°05	1.°6/11.3	18
1 2	10 0.83	+ 7 26.7	2.087	2.831	15.2	21.7
1 12	9 56.15	+ 7 43.4	1.994	2.836	12.3	21.5
1 22	9 49.13	+ 8 15.3	1.923	2.841	8.7	21.3
2 1	9 40.26	+ 9 0.0	1.879	2.845	4.7	21.0
2 11	9 30.39	+ 9 53.1	1.863	2.848	1.6	20.8
2 21	9 20.54	+10 49.3	1.878	2.850	4.5	21.0
3 2	9 11.73	+11 43.2	1.923	2.851	8.5	21.3
3 12	9 4.82	+12 30.2	1.994	2.852	12.1	21.5
428163	2006 SU_{346}		2 10.0	200.°33	17.°2/22.3	18
1 2	9 58.58	−21 22.4	1.352	1.985	26.5	21.5
1 12	9 56.08	−23 6.7	1.271	1.984	24.6	21.4
1 22	9 50.12	−24 15.1	1.201	1.982	22.4	21.2
2 1	9 41.14	−24 36.2	1.144	1.979	20.0	21.0
2 11	9 30.27	−24 1.7	1.105	1.976	18.1	20.8
2 21	9 19.10	−22 30.4	1.085	1.972	17.2	20.8
3 2	9 9.41	−20 9.4	1.085	1.968	17.7	20.8
3 12	9 2.68	−17 14.9	1.106	1.963	19.6	20.9
464963	2005 WS_{124}		2 10.0	327.°91	1.°9/11.3	17
1 2	9 56.44	+ 8 32.3	1.836	2.603	16.2	21.8
1 12	9 53.09	+ 8 27.7	1.744	2.599	13.1	21.5
1 22	9 47.25	+ 8 37.7	1.671	2.595	9.3	21.3
2 1	9 39.42	+ 9 0.6	1.624	2.592	5.2	21.0
2 11	9 30.49	+ 9 32.9	1.604	2.589	1.9	20.8
2 21	9 21.54	+10 9.6	1.613	2.586	4.9	21.0
3 2	9 13.69	+10 45.7	1.649	2.583	9.2	21.3
3 12	9 7.87	+11 16.6	1.709	2.581	13.0	21.5
282862	2007 DE_{31}		2 10.0	227.°64	0.°7/10.5	18
1 2	9 59.49	+ 9 44.5	1.711	2.480	17.1	21.9
1 12	9 55.85	+10 9.9	1.612	2.471	13.8	21.7
1 22	9 49.38	+10 52.7	1.534	2.462	9.6	21.4
2 1	9 40.57	+11 50.1	1.481	2.452	4.9	21.1
2 11	9 30.35	+12 56.1	1.455	2.442	0.7	20.8
2 21	9 19.98	+14 3.2	1.459	2.431	5.5	21.1
3 2	9 10.77	+15 4.2	1.489	2.419	10.4	21.3
3 12	9 3.85	+15 53.8	1.544	2.407	14.7	21.6
467660	2008 TQ_{166}		2 10.0	248.°34	6.°2/ 4.9	16
1 2	10 0.29	+30 45.7	2.125	2.918	13.4	21.6
1 12	9 56.03	+31 48.6	2.048	2.917	10.8	21.5
1 22	9 49.18	+32 50.8	1.994	2.916	8.2	21.3
2 1	9 40.31	+33 44.4	1.967	2.915	6.4	21.2
2 11	9 30.40	+34 22.1	1.968	2.915	6.7	21.2
2 21	9 20.61	+34 39.3	1.996	2.914	8.8	21.3
3 2	9 12.08	+34 34.3	2.051	2.913	11.5	21.5
3 12	9 5.71	+34 9.1	2.127	2.912	14.1	21.7
247851	2003 TY_5		2 10.0	221.°15	0.°4/ 9.7	18
1 2	10 1.09	+13 56.7	2.054	2.821	14.7	21.8
1 12	9 56.59	+14 15.0	1.952	2.811	11.7	21.6
1 22	9 49.59	+14 44.1	1.871	2.802	8.1	21.4
2 1	9 40.56	+15 20.3	1.818	2.791	3.9	21.1
2 11	9 30.37	+15 58.8	1.794	2.780	0.7	20.8
2 21	9 20.08	+16 34.3	1.799	2.768	5.1	21.1
3 2	9 10.82	+17 2.4	1.833	2.756	9.3	21.3
3 12	9 3.54	+17 20.5	1.893	2.742	13.0	21.5
292586	2006 TG_{97}		2 10.0	132.°82	2.°2/11.9	18
1 2	9 59.66	+ 5 33.8	2.312	3.043	14.2	23.3
1 12	9 54.86	+ 5 41.0	2.227	3.059	11.5	23.2
1 22	9 48.02	+ 6 2.3	2.165	3.076	8.3	23.0
2 1	9 39.64	+ 6 36.1	2.130	3.091	4.8	22.8
2 11	9 30.49	+ 7 18.9	2.124	3.105	2.3	22.7
2 21	9 21.45	+ 8 6.3	2.149	3.119	4.2	22.8
3 2	9 13.38	+ 8 53.9	2.203	3.132	7.5	23.0
3 12	9 7.00	+ 9 37.4	2.285	3.145	10.7	23.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
274075	2007 XV_{38}		2 10.0	342.°81	6.°1/ 5.9	18
	h m	° ′			°	m
1 2	9 56.87	+24 19.3	1.435	2.254	17.4	19.9
1 12	9 54.48	+25 35.5	1.359	2.248	13.8	19.6
1 22	9 48.78	+26 59.7	1.304	2.243	9.8	19.4
2 1	9 40.35	+28 21.7	1.273	2.239	6.6	19.2
2 11	9 30.41	+29 30.0	1.268	2.235	6.6	19.2
2 21	9 20.51	+30 15.4	1.288	2.232	10.0	19.3
3 2	9 12.23	+30 33.8	1.332	2.229	14.0	19.6
3 12	9 6.78	+30 25.8	1.396	2.227	17.8	19.8
206815	2004 EG_5		2 10.0	45.°15	3.°8/ 7.3	18
1 2	9 58.85	+23 53.9	1.986	2.780	14.2	19.9
1 12	9 54.74	+24 30.4	1.916	2.792	11.1	19.7
1 22	9 48.18	+25 9.8	1.869	2.804	7.7	19.5
2 1	9 39.77	+25 46.2	1.849	2.817	4.6	19.4
2 11	9 30.51	+26 13.3	1.857	2.829	4.1	19.4
2 21	9 21.47	+26 26.8	1.893	2.843	6.8	19.6
3 2	9 13.73	+26 24.9	1.956	2.856	10.1	19.8
3 12	9 8.07	+26 7.9	2.043	2.870	13.1	20.0
104767	2000 HP_{25}		2 10.0	174.°96	7.°3/ 3.9	18
1 2	10 4.51	+34 8.2	2.142	2.927	13.6	20.4
1 12	9 59.43	+35 23.3	2.069	2.929	11.1	20.2
1 22	9 51.56	+36 35.3	2.020	2.931	8.8	20.1
2 1	9 41.50	+37 35.3	1.998	2.932	7.4	20.0
2 11	9 30.31	+38 15.5	2.003	2.932	7.8	20.0
2 21	9 19.28	+38 31.2	2.036	2.933	9.8	20.1
3 2	9 9.64	+38 21.6	2.094	2.933	12.2	20.3
3 12	9 2.37	+37 49.4	2.173	2.932	14.6	20.4
49321	1998 VY_{28}		2 10.0	79.°79	0.°3/ 9.8	18
1 2	10 2.90	+13 25.0	1.773	2.545	16.5	19.7
1 12	9 57.85	+13 46.9	1.713	2.575	12.9	19.5
1 22	9 50.23	+14 20.3	1.675	2.606	8.8	19.3
2 1	9 40.72	+15 0.6	1.662	2.636	4.2	19.1
2 11	9 30.42	+15 41.9	1.679	2.665	0.7	18.9
2 21	9 20.49	+16 18.7	1.724	2.694	5.1	19.3
3 2	9 12.04	+16 46.9	1.798	2.722	9.3	19.6
3 12	9 5.86	+17 4.3	1.896	2.750	12.8	19.8
371781	2007 JB_{15}		2 10.0	59.°40	1.°9/11.4	18
1 2	9 56.15	+ 7 43.1	1.943	2.703	15.7	20.9
1 12	9 52.65	+ 7 46.3	1.856	2.707	12.6	20.7
1 22	9 46.82	+ 8 4.4	1.789	2.711	9.0	20.4
2 1	9 39.18	+ 8 35.6	1.748	2.715	5.0	20.2
2 11	9 30.58	+ 9 15.9	1.735	2.719	1.9	20.0
2 21	9 22.02	+10 0.5	1.751	2.723	4.6	20.2
3 2	9 14.52	+10 44.1	1.794	2.728	8.6	20.4
3 12	9 8.94	+11 22.1	1.863	2.732	12.2	20.7
282220	2001 XT_{218}		2 10.0	128.°33	2.°6/11.8	18
1 2	10 1.34	+ 6 12.3	1.762	2.513	17.4	21.2
1 12	9 56.89	+ 6 11.5	1.682	2.526	14.1	21.0
1 22	9 49.79	+ 6 27.9	1.621	2.538	10.1	20.8
2 1	9 40.64	+ 6 59.8	1.586	2.550	5.8	20.6
2 11	9 30.43	+ 7 43.3	1.579	2.561	2.6	20.4
2 21	9 20.35	+ 8 32.6	1.600	2.572	5.1	20.6
3 2	9 11.57	+ 9 21.7	1.649	2.582	9.3	20.9
3 12	9 5.01	+10 5.3	1.724	2.591	13.1	21.1
463470	2013 PP_{35}		2 10.0	151.°84	1.°0/ 9.2	17
1 2	10 0.76	+16 43.2	2.488	3.250	12.5	22.5
1 12	9 55.67	+17 0.8	2.400	3.259	9.8	22.3
1 22	9 48.55	+17 24.7	2.337	3.267	6.7	22.1
2 1	9 39.92	+17 51.5	2.302	3.275	3.2	21.9
2 11	9 30.52	+18 17.1	2.297	3.282	1.2	21.8
2 21	9 21.22	+18 37.7	2.324	3.289	4.4	22.0
3 2	9 12.89	+18 50.8	2.380	3.295	7.8	22.2
3 12	9 6.22	+18 55.0	2.462	3.301	10.7	22.4
211172	Tarantola		2 10.0	262.°80	0.°6/ 9.6	18
1 2	9 59.37	+13 41.5	1.833	2.609	15.8	21.6
1 12	9 55.71	+14 6.2	1.724	2.590	12.7	21.3
1 22	9 49.31	+14 44.2	1.637	2.570	8.8	21.0
2 1	9 40.58	+15 31.8	1.576	2.550	4.3	20.7
2 11	9 30.42	+16 23.1	1.543	2.529	0.9	20.4
2 21	9 20.01	+17 11.6	1.539	2.508	5.7	20.7
3 2	9 10.65	+17 51.3	1.562	2.487	10.4	20.9
3 12	9 3.44	+18 18.6	1.609	2.465	14.6	21.1
78628	2002 TS_{24}		2 10.0	46.°57	0.°3/10.3	18
1 2	9 55.54	+11 51.2	2.014	2.786	14.7	19.6
1 12	9 52.05	+12 7.1	1.933	2.796	11.7	19.4
1 22	9 46.33	+12 34.8	1.875	2.805	8.0	19.2
2 1	9 38.90	+13 11.1	1.843	2.815	4.0	18.9
2 11	9 30.63	+13 51.4	1.839	2.825	0.4	18.7
2 21	9 22.46	+14 30.7	1.864	2.836	4.5	19.0
3 2	9 15.37	+15 4.5	1.917	2.846	8.5	19.3
3 12	9 10.12	+15 29.9	1.995	2.857	11.9	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
456634 2007 PE_{25}			2 10.0	177.°20	1.°8/ 8.5	18
	h m	° ′			°	m
1 2	10 1.02	+16 24.3	2.222	2.990	13.7	22.5
1 12	9 56.28	+17 18.8	2.131	2.993	10.7	22.3
1 22	9 49.23	+18 23.3	2.063	2.995	7.3	22.1
2 1	9 40.35	+19 32.6	2.024	2.997	3.6	21.9
2 11	9 30.47	+20 40.0	2.015	2.997	2.1	21.8
2 21	9 20.58	+21 39.6	2.036	2.997	5.5	22.0
3 2	9 11.70	+22 26.7	2.087	2.996	9.1	22.2
3 12	9 4.67	+22 59.1	2.164	2.993	12.3	22.4
400319 2007 TB_{356}			2 10.0	113.°01	4.°7/ 6.6	18
1 2	10 2.68	+23 32.3	1.802	2.595	15.5	21.6
1 12	9 58.06	+24 41.8	1.736	2.611	12.1	21.4
1 22	9 50.63	+25 56.5	1.693	2.627	8.5	21.2
2 1	9 41.04	+27 7.9	1.676	2.642	5.3	21.1
2 11	9 30.41	+28 7.2	1.688	2.657	5.1	21.1
2 21	9 20.01	+28 48.3	1.728	2.671	7.9	21.3
3 2	9 11.09	+29 8.3	1.795	2.685	11.4	21.5
3 12	9 4.58	+29 7.9	1.884	2.698	14.5	21.7
455445 2003 SG_{181}			2 10.0	81.°97	0.°2/ 9.9	18
1 2	10 2.84	+12 44.4	1.662	2.436	17.3	21.6
1 12	9 58.03	+13 6.6	1.600	2.464	13.6	21.5
1 22	9 50.48	+13 41.7	1.560	2.491	9.3	21.3
2 1	9 40.90	+14 25.2	1.545	2.518	4.4	21.0
2 11	9 30.44	+15 10.7	1.558	2.545	0.6	20.8
2 21	9 20.35	+15 52.0	1.600	2.571	5.3	21.2
3 2	9 11.80	+16 24.5	1.670	2.596	9.7	21.5
3 12	9 5.64	+16 45.7	1.764	2.621	13.4	21.8
498969 2009 BG_{129}			2 10.0	24.°99	0.°4/ 9.6	18
1 2	9 50.90	+ 8 57.7	1.714	2.497	16.5	20.1
1 12	9 48.85	+10 21.6	1.640	2.509	13.0	19.9
1 22	9 44.39	+12 6.2	1.588	2.522	8.8	19.7
2 1	9 38.05	+14 5.1	1.562	2.536	4.2	19.5
2 11	9 30.74	+16 9.0	1.564	2.550	0.8	19.2
2 21	9 23.51	+18 7.4	1.596	2.566	5.4	19.6
3 2	9 17.43	+19 51.5	1.655	2.582	9.8	19.9
3 12	9 13.35	+21 15.7	1.739	2.598	13.5	20.2
257456 1981 DA_3			2 10.0	337.°44	2.°1/11.9	18
1 2	9 52.19	+ 6 39.3	2.738	3.480	12.0	20.0
1 12	9 48.89	+ 6 29.1	2.634	3.473	9.7	19.8
1 22	9 43.94	+ 6 29.5	2.553	3.466	7.1	19.7
2 1	9 37.71	+ 6 39.4	2.498	3.459	4.2	19.5
2 11	9 30.79	+ 6 57.2	2.472	3.453	2.1	19.3
2 21	9 23.85	+ 7 20.0	2.476	3.447	3.7	19.4
3 2	9 17.57	+ 7 44.8	2.510	3.442	6.6	19.6
3 12	9 12.57	+ 8 8.4	2.570	3.437	9.4	19.8
107161 2001 BY_{18}			2 10.0	8.°98	2.°7/ 8.6	18
1 2	9 56.25	+17 51.9	1.238	2.058	19.6	19.3
1 12	9 54.16	+18 22.5	1.168	2.059	15.4	19.1
1 22	9 48.62	+19 5.6	1.117	2.062	10.5	18.8
2 1	9 40.29	+19 54.4	1.089	2.065	5.2	18.5
2 11	9 30.51	+20 39.5	1.085	2.069	3.0	18.4
2 21	9 20.90	+21 12.8	1.107	2.074	7.7	18.7
3 2	9 13.10	+21 29.0	1.152	2.080	12.8	19.0
3 12	9 8.26	+21 26.6	1.217	2.087	17.3	19.2
462676 2009 UO_{51}			2 10.0	72.°69	1.°1/10.8	18
1 2	9 58.11	+ 9 34.9	1.897	2.661	15.8	21.5
1 12	9 54.08	+ 9 48.2	1.826	2.681	12.6	21.3
1 22	9 47.70	+10 15.5	1.776	2.702	8.7	21.1
2 1	9 39.56	+10 53.7	1.753	2.723	4.5	20.9
2 11	9 30.60	+11 37.9	1.757	2.743	1.1	20.7
2 21	9 21.85	+12 22.9	1.791	2.763	4.6	21.0
3 2	9 14.32	+13 3.6	1.853	2.784	8.6	21.2
3 12	9 8.77	+13 36.4	1.940	2.804	12.1	21.5
371300 2006 FB_1			2 10.0	38.°57	0.°7/ 9.5	17
1 2	9 56.91	+14 38.3	1.986	2.765	14.7	21.5
1 12	9 53.26	+15 0.0	1.900	2.767	11.6	21.3
1 22	9 47.26	+15 32.1	1.835	2.769	7.9	21.1
2 1	9 39.42	+16 10.6	1.797	2.771	3.8	20.8
2 11	9 30.61	+16 50.3	1.787	2.773	1.0	20.6
2 21	9 21.86	+17 26.1	1.806	2.776	5.0	20.9
3 2	9 14.20	+17 53.7	1.853	2.778	9.0	21.2
3 12	9 8.48	+18 10.7	1.925	2.780	12.6	21.4
136630 1994 RJ_5			2 10.0	265.°31	0.°1/10.1	17
1 2	9 55.45	+12 54.5	2.519	3.282	12.4	20.7
1 12	9 51.65	+13 5.4	2.415	3.272	9.8	20.5
1 22	9 45.94	+13 25.1	2.335	3.263	6.8	20.3
2 1	9 38.73	+13 51.2	2.281	3.254	3.3	20.1
2 11	9 30.69	+14 20.3	2.258	3.244	0.3	19.8
2 21	9 22.62	+14 48.5	2.264	3.235	4.0	20.1
3 2	9 15.31	+15 12.6	2.300	3.225	7.5	20.3
3 12	9 9.50	+15 30.1	2.361	3.215	10.6	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
227435 2005 WQ_{15}			2 10.0	233.°55	2.°1/ 8.3	17
	h m	° ′			°	m
1 2	9 58.54	+18 9.3	2.279	3.055	13.1	21.2
1 12	9 54.42	+18 50.8	2.176	3.043	10.3	21.0
1 22	9 48.04	+19 40.5	2.097	3.031	7.1	20.7
2 1	9 39.83	+20 33.8	2.045	3.018	3.6	20.5
2 11	9 30.58	+21 24.9	2.024	3.005	2.3	20.4
2 21	9 21.22	+22 8.4	2.032	2.992	5.5	20.6
3 2	9 12.78	+22 40.2	2.069	2.978	9.1	20.8
3 12	9 6.09	+22 58.4	2.130	2.963	12.4	20.9
237649 2001 SQ_{157}			2 10.0	149.°18	3.°3/13.2	17
1 2	9 54.25	+ 1 38.0	2.633	3.349	13.0	21.2
1 12	9 50.51	+ 1 36.0	2.537	3.354	10.8	21.0
1 22	9 45.04	+ 1 48.3	2.462	3.358	8.1	20.9
2 1	9 38.25	+ 2 14.4	2.414	3.363	5.3	20.7
2 11	9 30.76	+ 2 52.2	2.394	3.367	3.4	20.6
2 21	9 23.27	+ 3 38.4	2.404	3.371	4.2	20.6
3 2	9 16.53	+ 4 28.8	2.444	3.374	6.8	20.8
3 12	9 11.14	+ 5 19.1	2.511	3.378	9.6	21.0
6433 Enya			2 10.1	66.°34	4.°9/ 6.8	18
1 2	10 1.64	+21 23.1	1.401	2.209	18.3	17.6
1 12	9 57.82	+22 47.2	1.350	2.234	14.2	17.4
1 22	9 50.73	+24 19.6	1.320	2.259	9.8	17.2
2 1	9 41.15	+25 49.7	1.315	2.284	5.8	17.1
2 11	9 30.46	+27 6.1	1.336	2.309	5.4	17.1
2 21	9 20.20	+28 0.5	1.385	2.334	8.8	17.3
3 2	9 11.82	+28 29.6	1.458	2.358	12.8	17.6
3 12	9 6.28	+28 34.7	1.552	2.383	16.3	17.9
43294 2000 GY_4			2 10.1	304.°88	6.°3/ 4.6	18
1 2	9 54.64	+23 0.1	1.585	2.399	16.2	18.2
1 12	9 52.70	+24 53.5	1.490	2.378	12.9	17.9
1 22	9 47.69	+27 1.1	1.419	2.357	9.3	17.6
2 1	9 39.98	+29 12.3	1.373	2.337	6.5	17.4
2 11	9 30.56	+31 13.6	1.354	2.316	7.1	17.4
2 21	9 20.78	+32 52.8	1.362	2.296	10.5	17.5
3 2	9 12.23	+34 1.9	1.395	2.276	14.6	17.7
3 12	9 6.25	+34 39.2	1.447	2.257	18.3	17.9
168394 1998 BX_2			2 10.1	6.°23	3.°8/11.2	18
1 2	10 5.13	+11 25.7	1.504	2.278	18.9	18.4
1 12	10 0.36	+ 9 48.1	1.421	2.279	15.4	18.2
1 22	9 52.43	+ 8 16.7	1.359	2.282	11.1	18.0
2 1	9 42.03	+ 6 53.2	1.322	2.287	6.6	17.7
2 11	9 30.38	+ 5 39.4	1.312	2.293	3.8	17.5
2 21	9 18.94	+ 4 36.0	1.331	2.300	6.4	17.7
3 2	9 9.14	+ 3 42.9	1.376	2.309	10.8	18.0
3 12	9 2.04	+ 2 58.0	1.445	2.319	14.8	18.3
433573 2013 YM_{27}			2 10.1	355.°77	0.°1/10.1	15
1 2	9 53.87	+12 38.2	2.001	2.780	14.6	21.4
1 12	9 50.89	+12 52.1	1.911	2.777	11.6	21.2
1 22	9 45.66	+13 17.4	1.842	2.775	8.0	21.0
2 1	9 38.66	+13 51.1	1.800	2.773	3.9	20.8
2 11	9 30.73	+14 28.7	1.786	2.772	0.4	20.5
2 21	9 22.81	+15 5.1	1.800	2.772	4.7	20.8
3 2	9 15.90	+15 36.0	1.842	2.772	8.7	21.0
3 12	9 10.82	+15 58.2	1.908	2.772	12.2	21.3
519181 2010 OC_{107}			2 10.1	77.°72	0.°6/10.5	17
1 2	9 58.74	+12 40.1	2.349	3.108	13.3	21.4
1 12	9 54.24	+12 28.9	2.257	3.111	10.6	21.2
1 22	9 47.68	+12 25.7	2.188	3.114	7.3	21.0
2 1	9 39.56	+12 28.5	2.146	3.117	3.7	20.8
2 11	9 30.64	+12 34.7	2.133	3.120	0.7	20.5
2 21	9 21.79	+12 41.2	2.151	3.123	4.1	20.8
3 2	9 13.89	+12 45.4	2.198	3.126	7.6	21.0
3 12	9 7.65	+12 45.3	2.271	3.129	10.8	21.2
238477 2004 RQ_{103}			2 10.1	136.°65	3.°5/12.4	18
1 2	10 0.03	+ 3 49.9	1.773	2.516	17.5	20.9
1 12	9 55.91	+ 3 44.9	1.688	2.525	14.4	20.7
1 22	9 49.19	+ 3 58.8	1.624	2.534	10.6	20.4
2 1	9 40.42	+ 4 30.8	1.584	2.543	6.5	20.2
2 11	9 30.55	+ 5 17.4	1.572	2.551	3.5	20.1
2 21	9 20.76	+ 6 13.1	1.588	2.558	5.4	20.2
3 2	9 12.20	+ 7 11.3	1.631	2.565	9.3	20.4
3 12	9 5.81	+ 8 5.9	1.700	2.572	13.1	20.7
371211 2006 AQ_{54}			2 10.1	39.°94	0.°8/10.7	16
1 2	9 55.30	+ 9 45.8	1.859	2.631	15.8	22.0
1 12	9 52.14	+10 7.9	1.774	2.635	12.6	21.8
1 22	9 46.58	+10 45.1	1.710	2.639	8.8	21.6
2 1	9 39.13	+11 34.5	1.672	2.643	4.5	21.3
2 11	9 30.69	+12 30.7	1.662	2.648	0.8	21.1
2 21	9 22.30	+13 27.6	1.680	2.653	4.8	21.4
3 2	9 15.01	+14 19.3	1.726	2.658	9.0	21.6
3 12	9 9.70	+15 1.4	1.796	2.663	12.8	21.9

238381 2004 CG_{106} 2 10.1 330.°71 4.°8/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.78	− 0 51.1	2.141	2.862	15.5	20.3
1 12	9 49.89	− 1 6.0	2.041	2.857	13.0	20.1
1 22	9 44.93	− 1 2.4	1.961	2.852	10.1	19.9
2 1	9 38.32	− 0 39.7	1.905	2.847	7.1	19.7
2 11	9 30.78	+ 0 0.5	1.876	2.842	4.9	19.6
2 21	9 23.17	+ 0 54.6	1.875	2.838	5.6	19.6
3 2	9 16.42	+ 1 57.2	1.901	2.833	8.3	19.7
3 12	9 11.30	+ 3 1.8	1.954	2.830	11.4	19.9

522454 2016 CJ_{320} 2 10.1 162.°06 5.°6/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.06	+34 15.7	3.007	3.782	10.3	21.8
1 12	9 55.10	+35 20.8	2.934	3.788	8.4	21.7
1 22	9 48.18	+36 22.8	2.887	3.793	6.6	21.6
2 1	9 39.78	+37 15.9	2.868	3.798	5.6	21.5
2 11	9 30.63	+37 55.0	2.878	3.802	6.0	21.6
2 21	9 21.57	+38 16.8	2.916	3.806	7.4	21.7
3 2	9 13.41	+38 20.4	2.982	3.810	9.3	21.8
3 12	9 6.86	+38 6.8	3.071	3.813	11.1	21.9

17568 1994 GT_8 2 10.1 329.°78 11.°8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 51.87	−20 34.0	1.912	2.519	20.3	17.7
1 12	9 49.65	−21 8.1	1.814	2.514	18.6	17.6
1 22	9 45.04	−21 10.2	1.730	2.508	16.6	17.4
2 1	9 38.46	−20 34.3	1.663	2.503	14.5	17.2
2 11	9 30.76	−19 17.8	1.616	2.498	12.6	17.1
2 21	9 22.95	−17 22.8	1.594	2.494	11.8	17.0
3 2	9 16.13	−14 56.7	1.596	2.490	12.4	17.0
3 12	9 11.25	−12 11.7	1.624	2.486	14.1	17.1

106769 2000 XA_{15} 2 10.1 99.°89 17.°0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 8.81	−13 33.2	1.254	1.928	26.6	18.7
1 12	10 4.23	−16 34.9	1.188	1.939	24.1	18.5
1 22	9 55.77	−19 9.6	1.136	1.949	21.5	18.4
2 1	9 43.96	−21 4.4	1.101	1.959	19.0	18.2
2 11	9 30.17	−22 9.1	1.087	1.969	17.4	18.2
2 21	9 16.27	−22 20.4	1.093	1.979	17.2	18.2
3 2	9 4.24	−21 43.9	1.119	1.988	18.4	18.3
3 12	8 55.59	−20 32.8	1.164	1.997	20.4	18.4

229178 2004 TD_{160} 2 10.1 220.°36 1.°7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.49	+ 8 4.0	2.102	2.857	14.8	21.1
1 12	9 52.82	+ 8 7.2	2.006	2.855	11.9	20.9
1 22	9 46.92	+ 8 24.0	1.932	2.853	8.5	20.7
2 1	9 39.29	+ 8 52.7	1.884	2.851	4.7	20.5
2 11	9 30.69	+ 9 29.9	1.864	2.849	1.7	20.2
2 21	9 22.08	+10 11.0	1.874	2.847	4.4	20.4
3 2	9 14.42	+10 51.3	1.912	2.844	8.3	20.7
3 12	9 8.54	+11 26.6	1.976	2.842	11.8	20.9

38948 2000 ST_{292} 2 10.1 96.°98 0.°7/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.15	+12 16.0	1.977	2.743	15.2	18.9
1 12	9 55.73	+12 9.3	1.891	2.749	12.1	18.7
1 22	9 48.91	+12 12.8	1.827	2.755	8.4	18.5
2 1	9 40.23	+12 24.1	1.790	2.761	4.3	18.2
2 11	9 30.60	+12 39.6	1.781	2.767	0.7	18.0
2 21	9 21.08	+12 55.4	1.801	2.773	4.7	18.3
3 2	9 12.71	+13 8.0	1.849	2.779	8.7	18.5
3 12	9 6.35	+13 14.7	1.923	2.784	12.3	18.8

220343 2003 GZ_{34} 2 10.1 60.°91 7.°9/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.20	−11 10.0	1.925	2.595	18.5	20.0
1 12	9 50.46	−11 15.8	1.834	2.601	16.2	19.9
1 22	9 45.42	−10 53.2	1.761	2.606	13.5	19.7
2 1	9 38.58	− 9 59.5	1.708	2.612	10.7	19.5
2 11	9 30.77	− 8 35.7	1.681	2.618	8.5	19.4
2 21	9 22.95	− 6 47.1	1.680	2.623	8.1	19.4
3 2	9 16.14	− 4 42.2	1.706	2.629	9.8	19.5
3 12	9 11.18	− 2 31.7	1.759	2.635	12.5	19.7

187307 2005 UM_9 2 10.1 267.°82 5.°8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.57	− 3 30.9	2.010	2.719	16.8	20.1
1 12	9 51.58	− 3 43.7	1.900	2.704	14.3	19.9
1 22	9 46.28	− 3 34.8	1.809	2.690	11.4	19.6
2 1	9 39.07	− 3 2.3	1.741	2.675	8.3	19.4
2 11	9 30.72	− 2 7.1	1.700	2.660	6.1	19.2
2 21	9 22.16	− 0 53.4	1.686	2.645	6.5	19.2
3 2	9 14.47	+ 0 32.4	1.700	2.630	9.2	19.4
3 12	9 8.55	+ 2 1.9	1.739	2.615	12.6	19.5

186861 2004 GD_{86} 2 10.1 71.°07 5.°3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.03	+24 58.4	1.683	2.485	16.0	20.0
1 12	9 57.00	+26 3.6	1.620	2.499	12.6	19.8
1 22	9 50.05	+27 12.5	1.579	2.513	8.9	19.6
2 1	9 40.84	+28 16.6	1.563	2.527	5.8	19.4
2 11	9 30.56	+29 7.0	1.575	2.542	5.7	19.5
2 21	9 20.56	+29 37.5	1.614	2.556	8.5	19.7
3 2	9 12.14	+29 45.9	1.679	2.570	12.0	19.9
3 12	9 6.22	+29 33.5	1.766	2.585	15.1	20.1

266332 2007 DG_{38} 2 10.1 117.°49 0.°1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.20	+12 17.3	2.050	2.817	14.7	21.2
1 12	9 54.14	+12 35.2	1.966	2.825	11.6	21.0
1 22	9 47.80	+13 4.6	1.904	2.833	8.0	20.8
2 1	9 39.69	+13 42.0	1.869	2.841	3.9	20.6
2 11	9 30.68	+14 22.9	1.862	2.849	0.4	20.3
2 21	9 21.76	+15 2.1	1.885	2.856	4.6	20.7
3 2	9 13.92	+15 35.3	1.936	2.863	8.6	20.9
3 12	9 7.97	+15 59.7	2.013	2.870	12.0	21.1

114395 2002 YQ_8 2 10.1 55.°37 6.°6/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.45	+29 15.2	2.069	2.870	13.4	18.8
1 12	9 53.13	+31 11.2	2.009	2.883	10.7	18.7
1 22	9 47.30	+33 8.5	1.974	2.897	8.2	18.6
2 1	9 39.51	+34 57.4	1.966	2.911	6.7	18.5
2 11	9 30.70	+36 28.6	1.987	2.925	7.3	18.6
2 21	9 21.97	+37 35.8	2.036	2.939	9.4	18.7
3 2	9 14.43	+38 16.6	2.109	2.953	11.9	18.9
3 12	9 8.97	+38 32.1	2.205	2.968	14.3	19.1

196687 2003 SH_{65} 2 10.1 197.°77 3.°0/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.31	+ 5 51.7	2.149	2.890	14.9	20.2
1 12	9 54.16	+ 5 26.9	2.053	2.890	12.2	20.0
1 22	9 47.80	+ 5 14.9	1.979	2.889	9.0	19.8
2 1	9 39.71	+ 5 15.5	1.930	2.888	5.5	19.6
2 11	9 30.69	+ 5 26.7	1.909	2.888	3.1	19.4
2 21	9 21.66	+ 5 45.6	1.918	2.887	4.7	19.5
3 2	9 13.59	+ 6 8.4	1.955	2.886	8.2	19.7
3 12	9 7.29	+ 6 31.0	2.018	2.886	11.5	19.9

333684 2008 UJ_{27} 2 10.1 134.°72 1.°1/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.92	+ 8 57.9	2.305	3.058	13.7	21.5
1 12	9 52.11	+ 9 13.2	2.215	3.064	10.9	21.3
1 22	9 46.29	+ 9 41.0	2.147	3.069	7.7	21.1
2 1	9 38.94	+10 18.9	2.106	3.074	4.1	20.9
2 11	9 30.77	+11 3.1	2.093	3.079	1.1	20.7
2 21	9 22.65	+11 49.1	2.111	3.084	4.0	20.9
3 2	9 15.41	+12 32.6	2.158	3.088	7.6	21.2
3 12	9 9.79	+13 9.8	2.232	3.093	10.8	21.4

350584 2001 PP_{15} 2 10.1 136.°01 2.°7/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.07	+19 20.8	1.840	2.619	15.7	21.9
1 12	9 59.83	+20 3.7	1.766	2.634	12.3	21.7
1 22	9 51.82	+20 54.4	1.714	2.647	8.4	21.5
2 1	9 41.68	+21 46.4	1.689	2.661	4.4	21.2
2 11	9 30.50	+22 32.3	1.693	2.673	3.0	21.2
2 21	9 19.52	+23 6.3	1.726	2.684	6.5	21.4
3 2	9 9.99	+23 25.0	1.787	2.695	10.4	21.7
3 12	9 2.82	+23 28.0	1.873	2.705	13.8	21.9

318020 2004 DD_{44} 2 10.1 316.°13 4.°6/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.25	+21 42.7	1.473	2.287	17.3	20.9
1 12	9 54.08	+22 37.2	1.378	2.267	13.7	20.7
1 22	9 48.67	+23 42.2	1.305	2.246	9.6	20.4
2 1	9 40.48	+24 49.8	1.255	2.226	5.7	20.1
2 11	9 30.59	+25 49.9	1.231	2.207	5.1	20.0
2 21	9 20.48	+26 33.2	1.233	2.188	8.9	20.2
3 2	9 11.77	+26 54.0	1.259	2.170	13.6	20.4
3 12	9 5.80	+26 51.1	1.306	2.153	17.8	20.6

363950 2005 TP_{196} 2 10.1 149.°59 0.°6/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.67	+12 26.4	2.478	3.234	12.7	21.9
1 12	9 53.35	+13 21.9	2.390	3.245	10.0	21.7
1 22	9 47.08	+14 28.7	2.327	3.255	6.8	21.5
2 1	9 39.31	+15 42.8	2.292	3.265	3.2	21.3
2 11	9 30.75	+16 58.4	2.288	3.274	0.9	21.1
2 21	9 22.21	+18 9.9	2.315	3.282	4.3	21.4
3 2	9 14.54	+19 12.7	2.373	3.289	7.7	21.6
3 12	9 8.43	+20 3.5	2.457	3.296	10.7	21.8

345584 2006 SX_{46} 2 10.1 106.°82 2.°4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.53	+ 4 4.2	2.653	3.379	12.7	21.1
1 12	9 50.67	+ 4 10.2	2.566	3.393	10.3	21.0
1 22	9 45.12	+ 4 29.3	2.501	3.407	7.6	20.8
2 1	9 38.31	+ 5 0.3	2.464	3.420	4.6	20.6
2 11	9 30.87	+ 5 40.6	2.455	3.434	2.5	20.5
2 21	9 23.49	+ 6 26.5	2.477	3.447	3.8	20.6
3 2	9 16.88	+ 7 13.9	2.529	3.460	6.6	20.8
3 12	9 11.64	+ 7 59.1	2.607	3.472	9.3	21.0

113514 2002 TY_{12} 2 10.1 11.°64 1.°3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.11	+13 39.7	1.324	2.127	19.5	19.9
1 12	9 55.49	+14 21.3	1.247	2.128	15.4	19.7
1 22	9 49.53	+15 21.3	1.188	2.128	10.6	19.4
2 1	9 40.82	+16 33.4	1.153	2.129	5.1	19.1
2 11	9 30.59	+17 48.3	1.144	2.129	1.7	18.8
2 21	9 20.38	+18 56.0	1.160	2.130	7.0	19.2
3 2	9 11.81	+19 48.5	1.202	2.131	12.3	19.5
3 12	9 6.08	+20 21.8	1.265	2.133	17.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
522393	2016 CF_{308}		2 10.1	280.°55	1.°6/ 8.9	17
	h m	° ′			°	m
1 2	9 57.29	+16 5.4	1.866	2.652	15.3	22.0
1 12	9 53.98	+16 39.6	1.766	2.638	12.1	21.8
1 22	9 48.07	+17 25.1	1.688	2.624	8.3	21.5
2 1	9 40.01	+18 17.5	1.636	2.610	4.0	21.2
2 11	9 30.68	+19 10.1	1.612	2.596	1.9	21.0
2 21	9 21.22	+19 56.5	1.616	2.582	5.9	21.3
3 2	9 12.83	+20 31.5	1.648	2.568	10.2	21.5
3 12	9 6.54	+20 52.2	1.703	2.554	14.1	21.7
163469	2002 RG_{180}		2 10.1	123.°48	2.°9/12.8	18
1 2	9 53.94	+ 2 38.6	2.342	3.072	14.1	20.0
1 12	9 50.54	+ 2 50.3	2.248	3.076	11.6	19.8
1 22	9 45.23	+ 3 18.4	2.176	3.080	8.6	19.6
2 1	9 38.44	+ 4 1.7	2.129	3.085	5.4	19.4
2 11	9 30.86	+ 4 57.2	2.111	3.089	3.0	19.3
2 21	9 23.28	+ 6 0.3	2.123	3.093	4.3	19.4
3 2	9 16.53	+ 7 5.6	2.164	3.097	7.4	19.6
3 12	9 11.30	+ 8 8.1	2.231	3.101	10.5	19.8
126034	2001 YL_{67}		2 10.1	90.°16	1.°2/ 9.3	18
1 2	10 4.32	+14 58.6	1.592	2.372	17.7	20.3
1 12	9 59.41	+15 28.7	1.530	2.398	13.9	20.1
1 22	9 51.58	+16 10.6	1.488	2.423	9.4	19.9
2 1	9 41.56	+16 58.6	1.473	2.447	4.5	19.7
2 11	9 30.56	+17 45.5	1.485	2.471	1.4	19.5
2 21	9 19.94	+18 24.9	1.526	2.494	5.9	19.9
3 2	9 10.97	+18 52.3	1.595	2.517	10.4	20.2
3 12	9 4.56	+19 6.0	1.687	2.539	14.2	20.5
427541	2002 RX_{28}		2 10.1	119.°46	5.°1/15.2	18
1 2	9 55.21	− 4 29.0	2.583	3.265	14.0	21.6
1 12	9 51.28	− 4 42.0	2.494	3.279	11.9	21.5
1 22	9 45.58	− 4 37.6	2.426	3.292	9.5	21.3
2 1	9 38.56	− 4 15.2	2.382	3.306	7.0	21.2
2 11	9 30.86	− 3 36.2	2.366	3.319	5.3	21.1
2 21	9 23.22	− 2 43.7	2.379	3.331	5.4	21.1
3 2	9 16.36	− 1 42.5	2.421	3.343	7.3	21.3
3 12	9 10.90	− 0 37.8	2.491	3.355	9.7	21.4
354553	2004 TA_{24}		2 10.1	101.°19	2.°6/11.9	18
1 2	9 59.66	+ 5 45.0	1.618	2.377	18.3	21.5
1 12	9 55.84	+ 5 49.6	1.542	2.391	14.9	21.3
1 22	9 49.26	+ 6 13.7	1.485	2.404	10.7	21.0
2 1	9 40.51	+ 6 55.4	1.452	2.416	6.2	20.8
2 11	9 30.66	+ 7 49.9	1.446	2.429	2.7	20.6
2 21	9 20.96	+ 8 50.5	1.468	2.441	5.3	20.8
3 2	9 12.63	+ 9 50.0	1.518	2.453	9.7	21.1
3 12	9 6.63	+10 42.5	1.591	2.465	13.7	21.4
348157	2004 GR_{77}		2 10.1	337.°79	6.°5/ 3.8	18
1 2	9 52.71	+26 22.6	1.824	2.637	14.5	19.3
1 12	9 50.68	+28 10.6	1.741	2.625	11.5	19.1
1 22	9 45.97	+30 5.6	1.681	2.614	8.5	18.9
2 1	9 39.04	+31 57.8	1.648	2.604	6.6	18.8
2 11	9 30.81	+33 36.1	1.642	2.594	7.2	18.8
2 21	9 22.46	+34 52.1	1.664	2.585	9.9	18.9
3 2	9 15.26	+35 40.8	1.709	2.577	13.1	19.1
3 12	9 10.27	+36 1.8	1.776	2.570	16.1	19.3
208399	2001 SW_{201}		2 10.1	53.°39	4.°9/ 6.6	18
1 2	10 1.66	+28 2.7	2.094	2.884	13.7	20.2
1 12	9 56.90	+28 37.8	2.026	2.896	10.8	20.0
1 22	9 49.66	+29 12.3	1.980	2.909	7.8	19.9
2 1	9 40.59	+29 39.9	1.962	2.921	5.4	19.7
2 11	9 30.68	+29 54.6	1.972	2.934	5.2	19.7
2 21	9 21.06	+29 52.9	2.010	2.947	7.4	19.9
3 2	9 12.78	+29 34.1	2.075	2.960	10.3	20.1
3 12	9 6.62	+28 59.9	2.164	2.974	13.0	20.3
457030	2008 CH_{160}		2 10.1	20.°72	1.°6/10.9	16
1 2	9 56.17	+11 7.0	1.171	1.980	21.1	21.1
1 12	9 54.00	+10 47.2	1.109	1.990	16.9	20.8
1 22	9 48.44	+10 44.5	1.065	2.002	11.8	20.6
2 1	9 40.22	+10 56.5	1.043	2.016	6.2	20.3
2 11	9 30.71	+11 18.0	1.044	2.030	1.6	20.0
2 21	9 21.54	+11 42.5	1.071	2.046	6.2	20.4
3 2	9 14.21	+12 3.8	1.121	2.064	11.5	20.7
3 12	9 9.79	+12 17.3	1.193	2.082	16.1	21.0
453249	2008 SH_{43}		2 10.1	215.°33	1.°1/10.8	18
1 2	10 0.88	+ 8 57.0	1.876	2.633	16.2	22.4
1 12	9 56.73	+ 9 17.8	1.774	2.625	13.1	22.2
1 22	9 49.93	+ 9 54.9	1.693	2.616	9.3	21.9
2 1	9 40.93	+10 45.9	1.637	2.607	4.9	21.7
2 11	9 30.63	+11 45.5	1.610	2.596	1.1	21.4
2 21	9 20.17	+12 47.5	1.612	2.585	5.1	21.6
3 2	9 10.78	+13 45.2	1.643	2.572	9.6	21.9
3 12	9 3.48	+14 33.7	1.699	2.559	13.7	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6428	Barlach		2 10.1	91.°99	1.°4/10.9	18
	h m	° ′			°	m
1 2	10 1.50	+10 57.9	1.812	2.577	16.4	17.5
1 12	9 57.02	+10 42.6	1.729	2.585	13.2	17.3
1 22	9 49.93	+10 38.9	1.667	2.593	9.2	17.1
2 1	9 40.81	+10 44.9	1.631	2.601	4.9	16.9
2 11	9 30.67	+10 57.2	1.623	2.608	1.4	16.6
2 21	9 20.65	+11 11.7	1.644	2.616	4.9	16.9
3 2	9 11.92	+11 24.7	1.692	2.624	9.2	17.2
3 12	9 5.38	+11 32.9	1.766	2.631	13.0	17.4
306228	2011 QM_{60}		2 10.1	275.°18	4.°8/14.9	17
1 2	9 52.14	− 3 39.9	2.527	3.222	14.0	20.7
1 12	9 49.10	− 3 42.2	2.418	3.213	11.9	20.5
1 22	9 44.27	− 3 26.4	2.329	3.204	9.4	20.3
2 1	9 38.01	− 2 51.7	2.264	3.195	6.9	20.1
2 11	9 30.95	− 1 59.5	2.227	3.186	5.0	20.0
2 21	9 23.80	− 0 53.4	2.219	3.177	5.3	20.0
3 2	9 17.33	+ 0 21.6	2.240	3.168	7.5	20.1
3 12	9 12.23	+ 1 39.6	2.288	3.159	10.2	20.2
30283	2000 HS_{57}		2 10.1	215.°85	4.°3/ 7.1	18
1 2	10 2.02	+21 58.2	1.700	2.495	16.1	18.7
1 12	9 58.04	+22 59.6	1.614	2.490	12.8	18.5
1 22	9 51.03	+24 9.5	1.549	2.485	8.9	18.2
2 1	9 41.51	+25 19.8	1.510	2.479	5.3	18.0
2 11	9 30.59	+26 21.3	1.500	2.473	4.8	18.0
2 21	9 19.62	+27 6.1	1.517	2.467	8.1	18.1
3 2	9 10.05	+27 29.8	1.560	2.460	12.2	18.4
3 12	9 3.01	+27 32.2	1.625	2.452	15.9	18.6
241088	2006 UO_{254}		2 10.1	211.°21	4.°6/ 4.7	17
1 2	9 58.40	+30 37.1	3.087	3.864	10.0	21.7
1 12	9 53.80	+31 34.0	2.996	3.857	8.0	21.6
1 22	9 47.35	+32 30.3	2.932	3.849	6.1	21.4
2 1	9 39.46	+33 20.7	2.895	3.841	4.7	21.3
2 11	9 30.81	+34 0.3	2.889	3.833	5.0	21.3
2 21	9 22.14	+34 25.7	2.913	3.824	6.6	21.4
3 2	9 14.25	+34 35.0	2.964	3.815	8.7	21.6
3 12	9 7.79	+34 28.8	3.039	3.805	10.7	21.7
456042	2005 YF_{200}		2 10.1	99.°88	2.°4/ 7.9	18
1 2	9 57.25	+17 37.2	2.037	2.821	14.2	20.9
1 12	9 53.50	+18 38.9	1.961	2.833	11.1	20.7
1 22	9 47.43	+19 50.1	1.909	2.845	7.5	20.5
2 1	9 39.57	+21 4.7	1.884	2.857	3.8	20.3
2 11	9 30.80	+22 15.5	1.888	2.868	2.7	20.3
2 21	9 22.13	+23 16.1	1.921	2.879	5.9	20.5
3 2	9 14.56	+24 2.0	1.982	2.891	9.5	20.7
3 12	9 8.92	+24 31.5	2.068	2.901	12.7	20.9
346796	2009 BX_{158}		2 10.1	337.°97	1.°4/11.4	17
1 2	9 52.91	+ 7 4.2	2.334	3.085	13.6	21.4
1 12	9 49.81	+ 7 29.3	2.237	3.084	10.9	21.2
1 22	9 44.80	+ 8 8.8	2.163	3.083	7.8	21.0
2 1	9 38.27	+ 9 0.7	2.115	3.082	4.3	20.8
2 11	9 30.94	+10 0.8	2.096	3.081	1.4	20.5
2 21	9 23.57	+11 4.2	2.107	3.080	4.0	20.7
3 2	9 17.02	+12 5.6	2.147	3.079	7.5	20.9
3 12	9 11.97	+13 0.5	2.213	3.078	10.7	21.1
237512	2000 RP_{97}		2 10.1	197.°73	6.°9/19.1	18
1 2	9 53.48	−16 6.5	3.367	3.950	12.5	21.1
1 12	9 49.67	−16 30.2	3.256	3.947	11.2	20.9
1 22	9 44.40	−16 36.5	3.163	3.942	9.8	20.8
2 1	9 38.00	−16 23.3	3.093	3.938	8.3	20.7
2 11	9 30.98	−15 50.2	3.048	3.932	7.3	20.6
2 21	9 23.91	−14 58.6	3.031	3.927	7.0	20.6
3 2	9 17.37	−13 51.5	3.041	3.920	7.6	20.6
3 12	9 11.91	−12 33.8	3.079	3.913	8.9	20.7
380361	2002 TV_{85}		2 10.1	148.°40	3.°9/13.8	17
1 2	9 54.64	− 0 11.3	2.522	3.230	13.7	21.1
1 12	9 50.95	− 0 15.2	2.426	3.235	11.4	21.0
1 22	9 45.45	− 0 3.1	2.351	3.240	8.8	20.8
2 1	9 38.56	+ 0 24.8	2.302	3.245	6.0	20.6
2 11	9 30.93	+ 1 6.5	2.281	3.249	4.0	20.5
2 21	9 23.30	+ 1 58.5	2.289	3.253	4.7	20.6
3 2	9 16.44	+ 2 56.2	2.327	3.257	7.2	20.7
3 12	9 11.00	+ 3 54.5	2.392	3.260	9.9	20.9
459562	2013 GQ_{96}		2 10.1	217.°86	0.°5/ 9.7	17
1 2	9 59.10	+12 53.5	2.028	2.796	14.8	22.0
1 12	9 55.13	+13 27.7	1.928	2.789	11.8	21.8
1 22	9 48.70	+14 14.9	1.850	2.781	8.1	21.5
2 1	9 40.30	+15 11.2	1.799	2.772	3.9	21.3
2 11	9 30.74	+16 10.8	1.777	2.763	0.8	21.0
2 21	9 21.08	+17 7.5	1.785	2.754	5.1	21.3
3 2	9 12.42	+17 55.9	1.821	2.744	9.3	21.5
3 12	9 5.70	+18 32.4	1.882	2.733	13.0	21.7

283159 2009 BW_{99} 2 10.1 290.°61 1.°4/ 8.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 53.81	+15 6.5	2.331	3.107	12.9	20.5
1 12	9 50.60	+15 58.8	2.237	3.105	10.1	20.3
1 22	9 45.38	+17 1.7	2.168	3.103	6.8	20.0
2 1	9 38.59	+18 10.7	2.126	3.100	3.3	19.8
2 11	9 30.92	+19 19.9	2.114	3.098	1.6	19.7
2 21	9 23.23	+20 23.7	2.131	3.095	4.9	19.9
3 2	9 16.38	+21 17.3	2.178	3.093	8.4	20.1
3 12	9 11.11	+21 57.9	2.249	3.091	11.5	20.3

377139 2003 NF_{8} 2 10.1 188.°60 2.°3/ 7.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 57.07	+18 39.7	2.463	3.238	12.3	20.9
1 12	9 53.06	+19 36.0	2.371	3.238	9.6	20.8
1 22	9 47.01	+20 40.0	2.303	3.237	6.5	20.6
2 1	9 39.37	+21 46.7	2.263	3.235	3.4	20.4
2 11	9 30.85	+22 50.0	2.254	3.233	2.6	20.3
2 21	9 22.31	+23 44.9	2.275	3.231	5.4	20.5
3 2	9 14.62	+24 27.3	2.325	3.228	8.6	20.7
3 12	9 8.54	+24 55.5	2.400	3.224	11.5	20.8

129006 2004 TV_{294} 2 10.1 88.°41 2.°2/ 8.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 58.98	+19 6.1	2.019	2.804	14.3	20.6
1 12	9 54.91	+19 35.7	1.937	2.808	11.2	20.4
1 22	9 48.42	+20 12.2	1.878	2.813	7.6	20.2
2 1	9 40.08	+20 50.5	1.845	2.818	3.9	19.9
2 11	9 30.78	+21 25.0	1.841	2.823	2.5	19.9
2 21	9 21.60	+21 50.6	1.866	2.828	5.8	20.1
3 2	9 13.57	+22 4.2	1.919	2.832	9.5	20.3
3 12	9 7.54	+22 4.8	1.996	2.837	12.8	20.5

125884 2001 XP_{207} 2 10.1 61.°08 0.°6/ 9.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.76	+12 3.8	1.319	2.115	19.9	20.0
1 12	9 56.43	+12 44.6	1.261	2.137	15.6	19.8
1 22	9 49.89	+13 43.5	1.221	2.158	10.6	19.6
2 1	9 40.88	+14 54.2	1.206	2.180	5.1	19.3
2 11	9 30.72	+16 7.4	1.216	2.202	0.9	19.1
2 21	9 20.92	+17 13.8	1.253	2.225	6.3	19.5
3 2	9 12.91	+18 6.5	1.316	2.247	11.3	19.9
3 12	9 7.67	+18 41.9	1.401	2.269	15.6	20.2

126893 2002 EL_{104} 2 10.1 288.°42 6.°9/ 4.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.31	+30 10.7	1.936	2.736	14.3	19.7
1 12	9 55.73	+31 31.5	1.855	2.729	11.5	19.5
1 22	9 49.34	+32 53.5	1.797	2.721	8.8	19.3
2 1	9 40.66	+34 7.8	1.765	2.714	7.0	19.2
2 11	9 30.72	+35 5.2	1.761	2.706	7.4	19.2
2 21	9 20.78	+35 39.4	1.783	2.699	9.8	19.3
3 2	9 12.12	+35 47.9	1.830	2.692	12.7	19.5
3 12	9 5.80	+35 32.2	1.899	2.685	15.5	19.7

134336 4592 $T\text{-}_{3}$ 2 10.1 179.°98 1.°1/ 9.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.56	+14 50.1	2.126	2.893	14.2	21.7
1 12	9 56.07	+15 30.3	2.034	2.895	11.2	21.4
1 22	9 49.22	+16 21.3	1.965	2.896	7.6	21.2
2 1	9 40.50	+17 18.6	1.923	2.897	3.7	21.0
2 11	9 30.76	+18 16.2	1.911	2.896	1.4	20.8
2 21	9 21.01	+19 8.3	1.930	2.895	5.1	21.1
3 2	9 12.29	+19 50.2	1.977	2.894	9.0	21.3
3 12	9 5.48	+20 19.3	2.049	2.891	12.5	21.5

104649 2000 GG_{132} 2 10.1 115.°13 2.°5/ 8.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.25	+16 9.6	1.586	2.378	17.3	19.6
1 12	9 56.56	+17 12.6	1.512	2.388	13.5	19.4
1 22	9 49.92	+18 29.3	1.460	2.398	9.2	19.1
2 1	9 40.93	+19 52.5	1.434	2.408	4.5	18.9
2 11	9 30.72	+21 12.6	1.435	2.417	2.8	18.8
2 21	9 20.63	+22 21.0	1.464	2.427	6.9	19.1
3 2	9 12.02	+23 11.6	1.520	2.435	11.3	19.3
3 12	9 5.91	+23 42.3	1.599	2.444	15.2	19.6

216849 2007 TX_{231} 2 10.1 349.°21 5.°1/13.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 55.28	+ 1 38.9	1.495	2.253	19.7	20.3
1 12	9 52.83	+ 1 14.8	1.408	2.250	16.4	20.1
1 22	9 47.51	+ 1 13.4	1.339	2.248	12.5	19.8
2 1	9 39.84	+ 1 35.7	1.292	2.246	8.3	19.6
2 11	9 30.83	+ 2 19.6	1.270	2.244	5.3	19.4
2 21	9 21.76	+ 3 19.6	1.273	2.243	6.6	19.5
3 2	9 13.97	+ 4 27.6	1.302	2.242	10.6	19.7
3 12	9 8.57	+ 5 35.0	1.355	2.242	14.8	19.9

40187 1998 RR_{61} 2 10.1 87.°04 1.°1/11.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 54.10	+ 8 52.4	2.720	3.467	12.0	18.9
1 12	9 50.33	+ 9 2.6	2.634	3.479	9.5	18.7
1 22	9 44.92	+ 9 23.0	2.571	3.491	6.7	18.6
2 1	9 38.27	+ 9 51.8	2.536	3.503	3.6	18.4
2 11	9 31.01	+10 25.8	2.530	3.515	1.1	18.2
2 21	9 23.81	+11 1.8	2.554	3.526	3.4	18.4
3 2	9 17.37	+11 36.2	2.608	3.538	6.5	18.6
3 12	9 12.26	+12 6.2	2.690	3.550	9.2	18.8

256344 2006 XC_{37} 2 10.1 52.°47 0.°3/ 9.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 58.93	+13 16.4	1.565	2.353	17.6	20.7
1 12	9 55.33	+13 34.4	1.499	2.370	13.9	20.4
1 22	9 48.92	+14 5.8	1.453	2.388	9.5	20.2
2 1	9 40.36	+14 46.1	1.431	2.405	4.6	20.0
2 11	9 30.80	+15 28.9	1.437	2.424	0.6	19.7
2 21	9 21.50	+16 7.8	1.470	2.442	5.6	20.1
3 2	9 13.70	+16 37.8	1.530	2.461	10.1	20.4
3 12	9 8.30	+16 56.0	1.614	2.479	14.0	20.7

100983 1998 QQ_{29} 2 10.1 260.°68 2.°9/12.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 56.50	+ 4 45.1	1.809	2.562	16.9	20.3
1 12	9 53.36	+ 4 49.1	1.708	2.552	13.9	20.1
1 22	9 47.67	+ 5 11.9	1.627	2.542	10.2	19.8
2 1	9 39.88	+ 5 53.0	1.570	2.532	6.1	19.6
2 11	9 30.84	+ 6 48.7	1.540	2.522	3.0	19.4
2 21	9 21.64	+ 7 53.2	1.539	2.511	5.2	19.5
3 2	9 13.48	+ 8 59.6	1.565	2.501	9.4	19.7
3 12	9 7.35	+10 1.3	1.616	2.490	13.5	19.9

44791 1999 TN_{176} 2 10.1 218.°95 1.°3/ 9.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.70	+15 39.3	2.055	2.827	14.5	20.5
1 12	9 56.38	+16 10.5	1.955	2.819	11.5	20.3
1 22	9 49.57	+16 52.0	1.878	2.810	7.9	20.1
2 1	9 40.75	+17 39.5	1.827	2.800	3.8	19.8
2 11	9 30.76	+18 27.2	1.805	2.790	1.5	19.6
2 21	9 20.68	+19 9.4	1.814	2.780	5.4	19.9
3 2	9 11.63	+19 41.5	1.851	2.769	9.5	20.1
3 12	9 4.56	+20 1.1	1.913	2.757	13.1	20.3

194051 2001 SV_{106} 2 10.1 146.°10 0.°2/10.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.98	+12 29.5	1.874	2.636	16.1	20.7
1 12	9 58.92	+12 40.2	1.791	2.647	12.8	20.5
1 22	9 51.23	+13 2.6	1.730	2.657	8.8	20.3
2 1	9 41.49	+13 33.4	1.694	2.666	4.3	20.1
2 11	9 30.70	+14 7.4	1.688	2.675	0.4	19.8
2 21	9 20.04	+14 39.6	1.712	2.683	5.0	20.1
3 2	9 10.68	+15 5.6	1.764	2.690	9.3	20.4
3 12	9 3.52	+15 22.7	1.842	2.696	13.1	20.6

154737 2004 NM_{16} 2 10.1 180.°27 0.°2/ 9.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 56.40	+11 7.1	2.354	3.113	13.3	20.4
1 12	9 52.58	+11 58.7	2.259	3.114	10.5	20.2
1 22	9 46.73	+13 3.6	2.186	3.114	7.2	20.0
2 1	9 39.27	+14 17.8	2.142	3.115	3.5	19.8
2 11	9 30.92	+15 35.8	2.128	3.114	0.5	19.5
2 21	9 22.54	+16 51.5	2.145	3.114	4.4	19.8
3 2	9 14.99	+17 59.5	2.191	3.112	8.0	20.0
3 12	9 9.04	+18 56.0	2.264	3.111	11.2	20.2

230412 2002 LV_{24} 2 10.1 204.°48 4.°3/ 6.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.26	+22 22.2	2.150	2.934	13.6	21.2
1 12	9 56.08	+23 48.0	2.058	2.929	10.7	21.0
1 22	9 49.40	+25 21.8	1.991	2.923	7.5	20.8
2 1	9 40.68	+26 56.1	1.952	2.917	4.8	20.6
2 11	9 30.78	+28 22.2	1.943	2.910	4.7	20.6
2 21	9 20.75	+29 32.8	1.963	2.902	7.5	20.7
3 2	9 11.74	+30 23.3	2.011	2.893	10.8	20.9
3 12	9 4.70	+30 52.6	2.083	2.884	13.8	21.1

491289 2011 VF_{18} 2 10.1 83.°46 4.°1/12.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.62	+ 3 46.8	1.553	2.308	19.2	21.1
1 12	9 55.97	+ 3 28.2	1.476	2.319	15.7	20.9
1 22	9 49.46	+ 3 29.9	1.418	2.331	11.7	20.7
2 1	9 40.71	+ 3 51.6	1.383	2.342	7.3	20.5
2 11	9 30.79	+ 4 30.1	1.375	2.353	4.1	20.3
2 21	9 21.00	+ 5 19.8	1.393	2.364	5.9	20.5
3 2	9 12.63	+ 6 13.4	1.438	2.375	10.0	20.7
3 12	9 6.65	+ 7 4.4	1.507	2.386	14.1	21.0

409837 2006 QO_{131} 2 10.1 187.°89 0.°7/10.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 4.37	+12 39.0	2.070	2.825	15.0	21.9
1 12	9 59.07	+12 26.6	1.973	2.824	12.0	21.7
1 22	9 51.28	+12 23.1	1.899	2.823	8.4	21.4
2 1	9 41.53	+12 26.5	1.852	2.822	4.3	21.2
2 11	9 30.71	+12 33.3	1.834	2.820	0.7	20.9
2 21	9 19.92	+12 40.3	1.846	2.818	4.7	21.2
3 2	9 10.26	+12 44.4	1.888	2.814	8.8	21.4
3 12	9 2.62	+12 43.4	1.956	2.811	12.4	21.6

383630 2007 RW_{93} 2 10.1 65.°40 2.°7/12.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 53.72	+ 3 24.5	2.202	2.940	14.7	21.5
1 12	9 50.50	+ 3 38.2	2.115	2.949	12.0	21.3
1 22	9 45.29	+ 4 8.6	2.049	2.958	8.8	21.1
2 1	9 38.55	+ 4 54.5	2.008	2.966	5.4	20.9
2 11	9 31.02	+ 5 52.3	1.996	2.975	2.8	20.8
2 21	9 23.52	+ 6 56.9	2.013	2.984	4.3	20.9
3 2	9 16.93	+ 8 2.7	2.059	2.993	7.6	21.1
3 12	9 11.93	+ 9 4.4	2.131	3.002	10.8	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
151570	2002 TO_{215}		2 10.1	110.°64	1.°8/ 8.8	18
	h m	° ′			°	m
1 2	10 2.50	+14 17.9	1.616	2.397	17.4	20.4
1 12	9 58.14	+15 21.7	1.548	2.417	13.7	20.2
1 22	9 50.87	+16 40.2	1.502	2.437	9.2	19.9
2 1	9 41.36	+18 6.3	1.482	2.456	4.4	19.7
2 11	9 30.74	+19 30.7	1.490	2.475	2.1	19.6
2 21	9 20.35	+20 44.5	1.527	2.492	6.4	19.9
3 2	9 11.48	+21 41.9	1.592	2.509	10.8	20.2
3 12	9 5.09	+22 20.4	1.680	2.525	14.6	20.5
286262	2001 VK_{17}		2 10.1	123.°66	4.°1/ 7.2	18
1 2	10 2.32	+20 55.0	1.650	2.445	16.6	20.9
1 12	9 58.15	+22 2.6	1.579	2.456	13.0	20.7
1 22	9 50.99	+23 19.0	1.530	2.466	8.9	20.5
2 1	9 41.46	+24 35.7	1.507	2.477	5.1	20.3
2 11	9 30.73	+25 43.1	1.512	2.486	4.5	20.3
2 21	9 20.17	+26 33.6	1.544	2.496	7.8	20.5
3 2	9 11.13	+27 3.1	1.603	2.505	11.8	20.7
3 12	9 4.64	+27 11.5	1.685	2.513	15.3	21.0
453783	2011 LR_{18}		2 10.1	188.°74	2.°5/ 8.3	18
1 2	10 2.53	+17 24.0	1.761	2.544	16.2	22.0
1 12	9 58.24	+18 15.9	1.673	2.544	12.7	21.8
1 22	9 51.07	+19 19.5	1.607	2.543	8.7	21.5
2 1	9 41.56	+20 28.3	1.568	2.541	4.4	21.3
2 11	9 30.73	+21 34.0	1.557	2.538	2.8	21.2
2 21	9 19.87	+22 29.1	1.574	2.535	6.7	21.4
3 2	9 10.32	+23 8.3	1.619	2.531	11.0	21.7
3 12	9 3.14	+23 29.5	1.688	2.527	14.8	21.9
248838	2006 SW_{402}		2 10.1	200.°83	2.°9/13.3	18
1 2	9 53.87	+ 1 28.5	3.115	3.821	11.4	21.7
1 12	9 50.04	+ 1 31.0	3.006	3.816	9.4	21.5
1 22	9 44.70	+ 1 46.1	2.920	3.812	7.1	21.4
2 1	9 38.21	+ 2 13.1	2.860	3.807	4.7	21.2
2 11	9 31.08	+ 2 50.4	2.830	3.802	3.0	21.1
2 21	9 23.90	+ 3 35.2	2.830	3.796	3.7	21.1
3 2	9 17.30	+ 4 23.9	2.861	3.790	6.0	21.2
3 12	9 11.82	+ 5 12.8	2.920	3.783	8.5	21.4
4587	Rees		2 10.1	296.°12	8.°2/16.6	17 R
1 2	9 57.46	−11 7.7	2.234	2.881	16.8	20.2
1 12	9 54.10	−11 22.3	2.081	2.831	15.0	20.0
1 22	9 48.33	−11 12.5	1.945	2.781	12.8	19.7
2 1	9 40.37	−10 33.1	1.832	2.729	10.4	19.5
2 11	9 30.83	− 9 21.7	1.743	2.676	8.5	19.2
2 21	9 20.60	− 7 39.3	1.683	2.622	8.4	19.1
3 2	9 10.80	− 5 31.5	1.652	2.568	10.5	19.1
3 12	9 2.54	− 3 7.9	1.647	2.512	13.8	19.2
193749	2001 KG		2 10.1	181.°31	3.°9/ 6.9	18
1 2	10 5.10	+22 51.5	2.130	2.906	13.9	21.1
1 12	9 59.78	+23 53.2	2.043	2.908	11.0	20.9
1 22	9 51.86	+25 0.6	1.979	2.910	7.7	20.7
2 1	9 41.86	+26 6.6	1.944	2.910	4.7	20.5
2 11	9 30.72	+27 3.7	1.938	2.909	4.3	20.4
2 21	9 19.59	+27 45.8	1.962	2.906	7.1	20.6
3 2	9 9.65	+28 9.6	2.015	2.903	10.4	20.8
3 12	9 1.83	+28 15.1	2.092	2.899	13.5	21.0
353472	2011 SV_{27}		2 10.1	123.°88	0.°8/10.7	18
1 2	9 59.88	+ 8 34.9	1.806	2.566	16.6	20.9
1 12	9 55.79	+ 9 12.0	1.727	2.581	13.3	20.7
1 22	9 49.15	+10 6.4	1.670	2.595	9.2	20.5
2 1	9 40.51	+11 14.4	1.638	2.608	4.7	20.3
2 11	9 30.86	+12 29.4	1.635	2.621	0.8	20.0
2 21	9 21.31	+13 44.0	1.661	2.633	4.9	20.3
3 2	9 13.01	+14 51.5	1.716	2.645	9.3	20.6
3 12	9 6.84	+15 47.1	1.795	2.656	13.1	20.9
457205	2008 JA_3		2 10.1	238.°93	7.°4/16.1	17
1 2	9 55.86	− 7 42.7	2.141	2.817	16.7	21.8
1 12	9 52.46	− 8 18.6	2.035	2.809	14.6	21.6
1 22	9 46.85	− 8 33.4	1.948	2.800	12.1	21.4
2 1	9 39.44	− 8 24.1	1.883	2.791	9.5	21.2
2 11	9 30.96	− 7 50.2	1.843	2.782	7.7	21.1
2 21	9 22.32	− 6 54.3	1.831	2.772	7.7	21.1
3 2	9 14.53	− 5 41.5	1.846	2.763	9.5	21.2
3 12	9 8.44	− 4 19.4	1.886	2.753	12.2	21.3
373185	2012 DM_{53}		2 10.1	261.°89	2.°8/12.5	17
1 2	9 55.05	+ 2 47.2	2.065	2.802	15.6	21.4
1 12	9 51.98	+ 3 13.9	1.951	2.785	12.8	21.1
1 22	9 46.62	+ 4 1.2	1.858	2.768	9.5	20.9
2 1	9 39.37	+ 5 8.1	1.791	2.750	5.8	20.6
2 11	9 30.96	+ 6 30.9	1.751	2.732	2.8	20.4
2 21	9 22.32	+ 8 3.3	1.742	2.714	4.7	20.5
3 2	9 14.49	+ 9 37.6	1.761	2.696	8.7	20.7
3 12	9 8.40	+11 6.4	1.806	2.677	12.5	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
282511	2004 QL_{20}		2 10.1	119.°87	10.°2/19.0	18
	h m	° ′			°	m
1 2	10 3.80	−15 52.4	2.183	2.785	18.1	21.5
1 12	9 58.43	−17 5.6	2.107	2.809	16.3	21.3
1 22	9 50.73	−17 54.8	2.048	2.833	14.1	21.2
2 1	9 41.22	−18 15.5	2.009	2.855	12.1	21.1
2 11	9 30.79	−18 5.8	1.995	2.876	10.6	21.1
2 21	9 20.46	−17 27.4	2.006	2.897	10.2	21.1
3 2	9 11.23	−16 25.2	2.044	2.916	11.1	21.2
3 12	9 3.93	−15 7.2	2.106	2.934	12.7	21.3
325110	2008 EZ_{41}		2 10.1	241.°21	1.°9/ 8.7	18
1 2	9 58.95	+17 13.0	2.000	2.781	14.6	21.6
1 12	9 55.11	+17 48.7	1.903	2.772	11.5	21.4
1 22	9 48.76	+18 33.9	1.828	2.763	7.8	21.2
2 1	9 40.39	+19 23.9	1.780	2.754	3.9	20.9
2 11	9 30.87	+20 12.5	1.761	2.744	2.1	20.8
2 21	9 21.27	+20 53.7	1.771	2.734	5.8	21.0
3 2	9 12.73	+21 23.1	1.809	2.724	9.8	21.2
3 12	9 6.19	+21 38.6	1.871	2.714	13.4	21.4
28985	2001 MP_5		2 10.1	177.°59	0.°9/10.7	18
1 2	10 3.09	+10 19.1	1.997	2.749	15.5	19.5
1 12	9 58.17	+10 28.6	1.903	2.752	12.4	19.3
1 22	9 50.74	+10 51.0	1.831	2.754	8.7	19.1
2 1	9 41.31	+11 23.7	1.786	2.755	4.5	18.9
2 11	9 30.79	+12 2.4	1.769	2.756	0.9	18.6
2 21	9 20.26	+12 41.9	1.783	2.755	4.7	18.9
3 2	9 10.86	+13 17.4	1.826	2.754	9.0	19.1
3 12	9 3.50	+13 45.5	1.895	2.751	12.7	19.3
337486	2001 SL_{85}		2 10.1	201.°46	2.°4/ 8.1	17
1 2	10 0.86	+22 10.9	2.643	3.413	11.7	21.5
1 12	9 55.84	+22 28.5	2.547	3.411	9.2	21.3
1 22	9 48.82	+22 48.8	2.477	3.407	6.3	21.1
2 1	9 40.26	+23 7.7	2.434	3.404	3.5	20.9
2 11	9 30.91	+23 21.2	2.422	3.400	2.6	20.9
2 21	9 21.62	+23 26.2	2.441	3.396	5.1	21.0
3 2	9 13.24	+23 20.7	2.489	3.392	8.1	21.2
3 12	9 6.46	+23 4.7	2.563	3.387	10.8	21.4
29545	1998 BM_{31}		2 10.1	138.°22	0.°1/10.0	18
1 2	9 56.12	+12 49.1	2.742	3.497	11.7	19.2
1 12	9 51.95	+13 11.4	2.653	3.507	9.2	19.1
1 22	9 46.07	+13 42.1	2.589	3.516	6.3	18.9
2 1	9 38.89	+14 18.5	2.552	3.524	3.1	18.7
2 11	9 31.05	+14 56.8	2.546	3.533	0.3	18.4
2 21	9 23.27	+15 33.5	2.571	3.541	3.7	18.7
3 2	9 16.26	+16 5.3	2.626	3.548	6.8	19.0
3 12	9 10.63	+16 30.0	2.707	3.556	9.6	19.1
238072	2003 FW_7		2 10.1	223.°59	4.°5/ 6.5	18
1 2	10 4.49	+24 37.8	2.122	2.902	13.9	21.0
1 12	9 59.54	+25 38.6	2.023	2.889	11.0	20.8
1 22	9 51.87	+26 44.6	1.947	2.876	7.9	20.6
2 1	9 41.96	+27 48.5	1.898	2.861	5.1	20.4
2 11	9 30.74	+28 42.5	1.879	2.846	4.9	20.4
2 21	9 19.37	+29 20.2	1.890	2.829	7.7	20.5
3 2	9 9.11	+29 38.0	1.928	2.812	11.1	20.7
3 12	9 0.99	+29 36.1	1.990	2.793	14.3	20.8
469070	2015 BW_{64}		2 10.1	67.°40	1.°9/ 8.8	18
1 2	10 0.65	+19 14.6	2.039	2.820	14.3	21.1
1 12	9 56.15	+19 27.5	1.959	2.828	11.2	20.9
1 22	9 49.25	+19 46.1	1.902	2.836	7.6	20.7
2 1	9 40.53	+20 5.8	1.871	2.844	3.8	20.5
2 11	9 30.92	+20 21.9	1.869	2.852	2.1	20.4
2 21	9 21.47	+20 30.3	1.897	2.861	5.4	20.6
3 2	9 13.23	+20 28.7	1.952	2.869	9.1	20.9
3 12	9 7.01	+20 16.5	2.033	2.877	12.4	21.1
338312	2002 VK_{38}		2 10.1	301.°58	4.°0/13.3	18
1 2	9 55.41	+ 1 56.3	2.261	2.986	14.7	20.2
1 12	9 51.87	+ 1 35.0	2.162	2.984	12.2	20.0
1 22	9 46.29	+ 1 28.9	2.083	2.981	9.3	19.8
2 1	9 39.11	+ 1 38.1	2.030	2.979	6.2	19.6
2 11	9 31.05	+ 2 1.2	2.005	2.976	4.1	19.4
2 21	9 22.95	+ 2 35.1	2.008	2.974	5.0	19.5
3 2	9 15.69	+ 3 15.5	2.040	2.971	7.9	19.7
3 12	9 10.02	+ 3 57.4	2.098	2.969	11.0	19.9
426225	2012 LM_{24}		2 10.1	198.°98	2.°3/12.3	17
1 2	9 55.90	+ 4 24.6	2.457	3.187	13.5	22.0
1 12	9 52.10	+ 4 39.4	2.354	3.184	11.0	21.9
1 22	9 46.38	+ 5 9.2	2.272	3.181	8.1	21.7
2 1	9 39.14	+ 5 52.5	2.217	3.177	4.8	21.5
2 11	9 31.06	+ 6 46.3	2.192	3.173	2.4	21.3
2 21	9 22.92	+ 7 46.2	2.197	3.168	4.0	21.4
3 2	9 15.55	+ 8 47.2	2.231	3.163	7.3	21.6
3 12	9 9.65	+ 9 44.5	2.293	3.157	10.5	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
209612	2005 AC_6		2 10.1	10.°45	1.°0/ 9.7	18
	h m	° ′			°	m
1 2	9 59.90	+16 30.0	1.247	2.058	20.0	19.5
1 12	9 57.06	+16 22.3	1.175	2.060	15.9	19.3
1 22	9 50.69	+16 25.6	1.121	2.062	10.9	19.0
2 1	9 41.50	+16 35.2	1.090	2.066	5.3	18.7
2 11	9 30.84	+16 44.9	1.084	2.070	1.2	18.4
2 21	9 20.38	+16 49.1	1.103	2.075	6.8	18.8
3 2	9 11.78	+16 43.8	1.146	2.081	12.2	19.1
3 12	9 6.20	+16 27.5	1.211	2.089	16.8	19.4
196018	2002 RP_{279}		2 10.1	147.°10	0.°1/10.2	17
1 2	9 56.09	+11 58.1	2.275	3.039	13.5	21.5
1 12	9 52.39	+12 20.0	2.183	3.041	10.7	21.3
1 22	9 46.62	+12 52.7	2.115	3.043	7.4	21.1
2 1	9 39.27	+13 33.5	2.073	3.045	3.6	20.8
2 11	9 31.06	+14 17.9	2.060	3.047	0.3	20.6
2 21	9 22.88	+15 1.1	2.078	3.049	4.2	20.9
3 2	9 15.60	+15 39.1	2.124	3.050	7.9	21.1
3 12	9 9.96	+16 8.7	2.196	3.052	11.2	21.3
95553	2002 EU_{94}		2 10.1	113.°01	2.°4/ 8.3	18
1 2	9 59.69	+19 23.5	2.046	2.829	14.2	20.3
1 12	9 55.46	+19 57.2	1.966	2.836	11.1	20.1
1 22	9 48.83	+20 37.6	1.908	2.843	7.6	19.9
2 1	9 40.37	+21 19.5	1.878	2.850	3.9	19.7
2 11	9 30.96	+21 57.0	1.876	2.857	2.6	19.6
2 21	9 21.68	+22 25.1	1.903	2.863	5.8	19.8
3 2	9 13.55	+22 40.7	1.958	2.870	9.4	20.1
3 12	9 7.41	+22 42.8	2.038	2.876	12.7	20.3
79288	1995 SY_{71}		2 10.1	163.°25	0.°5/10.5	18
1 2	9 55.73	+11 21.6	2.554	3.309	12.4	20.5
1 12	9 51.84	+11 35.7	2.459	3.311	9.9	20.3
1 22	9 46.12	+11 59.5	2.388	3.313	6.8	20.1
2 1	9 38.98	+12 30.6	2.344	3.315	3.4	19.9
2 11	9 31.10	+13 5.5	2.330	3.316	0.5	19.6
2 21	9 23.23	+13 40.5	2.346	3.318	3.8	19.9
3 2	9 16.16	+14 12.0	2.392	3.319	7.1	20.1
3 12	9 10.54	+14 37.2	2.464	3.320	10.1	20.3
380020	2013 PL_{74}		2 10.1	157.°59	6.°2/15.9	18
1 2	9 55.68	− 6 39.8	2.350	3.024	15.4	21.6
1 12	9 52.00	− 6 59.9	2.253	3.029	13.3	21.4
1 22	9 46.34	− 7 0.1	2.176	3.033	10.8	21.3
2 1	9 39.13	− 6 38.7	2.123	3.037	8.3	21.1
2 11	9 31.09	− 5 56.6	2.096	3.040	6.5	21.0
2 21	9 23.03	− 4 56.9	2.097	3.044	6.5	21.0
3 2	9 15.79	− 3 44.9	2.127	3.046	8.3	21.1
3 12	9 10.09	− 2 27.2	2.183	3.049	10.8	21.3
158630	2003 BJ_{31}		2 10.1	17.°52	0.°4/ 9.9	18
1 2	9 57.85	+13 55.8	1.132	1.948	21.3	19.3
1 12	9 55.71	+13 59.8	1.064	1.952	16.9	19.0
1 22	9 49.92	+14 20.0	1.015	1.956	11.7	18.7
2 1	9 41.18	+14 51.9	0.987	1.962	5.7	18.4
2 11	9 30.89	+15 27.8	0.983	1.969	0.8	18.1
2 21	9 20.82	+15 59.7	1.003	1.977	6.9	18.5
3 2	9 12.68	+16 21.3	1.047	1.986	12.6	18.8
3 12	9 7.69	+16 29.1	1.111	1.995	17.5	19.1
496349	2013 QZ_{53}		2 10.1	108.°72	1.°7/ 8.9	18
1 2	10 2.96	+19 5.4	2.167	2.939	13.9	21.5
1 12	9 57.75	+19 17.7	2.089	2.953	10.9	21.3
1 22	9 50.23	+19 35.2	2.035	2.967	7.4	21.1
2 1	9 40.98	+19 53.6	2.008	2.980	3.7	20.9
2 11	9 30.93	+20 8.3	2.010	2.994	1.9	20.8
2 21	9 21.09	+20 15.8	2.043	3.007	5.1	21.1
3 2	9 12.44	+20 14.0	2.105	3.019	8.7	21.3
3 12	9 5.75	+20 2.2	2.192	3.032	11.8	21.5
172778	2004 EE_{64}		2 10.1	22.°78	4.°6/ 6.3	18
1 2	9 58.08	+26 5.3	2.150	2.943	13.3	19.7
1 12	9 54.26	+26 57.8	2.071	2.945	10.5	19.5
1 22	9 48.05	+27 52.7	2.016	2.947	7.5	19.3
2 1	9 40.01	+28 43.3	1.987	2.949	5.1	19.2
2 11	9 31.03	+29 23.1	1.987	2.951	5.0	19.2
2 21	9 22.13	+29 47.3	2.015	2.953	7.3	19.3
3 2	9 14.37	+29 53.6	2.069	2.955	10.3	19.5
3 12	9 8.56	+29 42.4	2.148	2.958	13.1	19.7
412584	2014 OO_{42}		2 10.1	236.°07	1.°3/ 9.4	18
1 2	10 3.41	+16 28.6	1.745	2.525	16.4	21.4
1 12	9 59.05	+16 42.2	1.647	2.515	13.1	21.2
1 22	9 51.73	+17 5.5	1.571	2.505	9.0	20.9
2 1	9 41.99	+17 34.3	1.521	2.494	4.4	20.6
2 11	9 30.83	+18 2.5	1.498	2.483	1.5	20.4
2 21	9 19.58	+18 24.4	1.504	2.472	6.0	20.6
3 2	9 9.61	+18 36.0	1.538	2.460	10.7	20.9
3 12	9 2.03	+18 35.2	1.595	2.448	14.8	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384773	2012 ON_5		2 10.1	118.°66	1.°7/12.2	18
	h m	° ′			°	m
1 2	9 54.74	+ 4 25.3	3.014	3.734	11.5	21.3
1 12	9 50.67	+ 4 59.3	2.928	3.754	9.2	21.1
1 22	9 45.10	+ 5 45.7	2.866	3.773	6.7	21.0
2 1	9 38.42	+ 6 42.7	2.832	3.792	3.9	20.8
2 11	9 31.19	+ 7 46.9	2.829	3.810	1.7	20.7
2 21	9 24.03	+ 8 54.1	2.857	3.828	3.2	20.8
3 2	9 17.54	+10 0.2	2.917	3.846	5.9	21.0
3 12	9 12.25	+11 1.6	3.005	3.862	8.4	21.2
234242	2000 SC_{340}		2 10.1	220.°41	2.°7/ 7.9	18
1 2	10 3.72	+19 53.3	2.216	2.987	13.6	21.2
1 12	9 58.72	+20 38.8	2.111	2.975	10.8	21.0
1 22	9 51.22	+21 32.0	2.030	2.961	7.4	20.7
2 1	9 41.65	+22 27.2	1.977	2.947	4.0	20.5
2 11	9 30.87	+23 18.0	1.953	2.932	3.0	20.4
2 21	9 19.94	+23 58.4	1.960	2.915	6.1	20.6
3 2	9 10.00	+24 24.7	1.996	2.898	9.8	20.8
3 12	9 1.99	+24 35.4	2.057	2.879	13.2	20.9
322184	2010 XX_{51}		2 10.1	15.°35	0.°9/ 9.4	18
1 2	9 56.38	+13 22.1	1.751	2.536	16.2	20.7
1 12	9 53.33	+14 5.4	1.665	2.536	12.8	20.5
1 22	9 47.68	+15 3.2	1.601	2.537	8.7	20.2
2 1	9 39.94	+16 10.7	1.563	2.537	4.2	20.0
2 11	9 31.04	+17 20.8	1.552	2.538	1.2	19.8
2 21	9 22.15	+18 25.8	1.570	2.539	5.7	20.1
3 2	9 14.44	+19 19.6	1.615	2.540	10.1	20.3
3 12	9 8.88	+19 58.4	1.683	2.541	13.9	20.6
225301	1995 VG_9		2 10.1	132.°63	1.°7/ 8.7	18
1 2	9 58.33	+17 5.5	2.155	2.933	13.8	21.1
1 12	9 54.28	+17 42.5	2.072	2.939	10.8	20.9
1 22	9 47.99	+18 27.9	2.011	2.945	7.3	20.7
2 1	9 39.97	+19 17.0	1.978	2.951	3.6	20.5
2 11	9 31.05	+20 4.2	1.973	2.957	1.9	20.4
2 21	9 22.21	+20 44.2	1.999	2.962	5.2	20.6
3 2	9 14.40	+21 13.4	2.053	2.968	8.9	20.8
3 12	9 8.43	+21 29.9	2.131	2.973	12.1	21.0
162962	2001 QT_{171}		2 10.1	79.°39	3.°6/ 7.4	18
1 2	10 0.26	+24 18.7	2.254	3.038	13.0	19.7
1 12	9 55.68	+24 51.1	2.179	3.048	10.2	19.6
1 22	9 48.85	+25 25.6	2.127	3.059	7.1	19.4
2 1	9 40.34	+25 56.9	2.103	3.069	4.3	19.2
2 11	9 31.03	+26 19.6	2.108	3.080	3.8	19.2
2 21	9 21.90	+26 30.0	2.142	3.090	6.2	19.4
3 2	9 13.91	+26 26.3	2.204	3.101	9.3	19.6
3 12	9 7.81	+26 9.0	2.291	3.111	12.1	19.8
210435	2008 YD_{26}		2 10.1	46.°32	0.°3/ 9.9	18
1 2	10 0.70	+15 56.0	2.269	3.035	13.5	19.9
1 12	9 55.96	+15 46.7	2.178	3.038	10.7	19.7
1 22	9 49.03	+15 43.4	2.110	3.040	7.3	19.5
2 1	9 40.45	+15 43.6	2.069	3.042	3.5	19.2
2 11	9 31.02	+15 44.0	2.058	3.045	0.6	19.0
2 21	9 21.68	+15 41.8	2.077	3.047	4.4	19.3
3 2	9 13.37	+15 34.8	2.126	3.050	8.1	19.5
3 12	9 6.84	+15 21.7	2.200	3.053	11.3	19.7
463826	2014 TF_{53}		2 10.1	117.°38	0.°9/10.9	18
1 2	9 58.88	+ 9 1.6	2.105	2.859	14.8	22.1
1 12	9 54.62	+ 9 28.8	2.026	2.875	11.8	21.9
1 22	9 48.16	+10 9.9	1.968	2.891	8.2	21.7
2 1	9 40.03	+11 1.9	1.937	2.907	4.2	21.5
2 11	9 31.06	+11 59.7	1.936	2.922	0.9	21.3
2 21	9 22.20	+12 57.7	1.964	2.937	4.3	21.6
3 2	9 14.41	+13 50.9	2.022	2.951	8.1	21.8
3 12	9 8.43	+14 35.3	2.106	2.964	11.5	22.1
385092	2012 VZ_3		2 10.1	59.°74	0.°3/ 9.8	18
1 2	9 53.38	+11 42.4	2.344	3.111	13.1	20.7
1 12	9 50.23	+12 30.9	2.255	3.116	10.3	20.5
1 22	9 45.15	+13 31.7	2.190	3.120	7.0	20.3
2 1	9 38.57	+14 41.0	2.152	3.125	3.4	20.1
2 11	9 31.20	+15 53.5	2.144	3.130	0.6	19.8
2 21	9 23.83	+17 3.3	2.165	3.135	4.3	20.1
3 2	9 17.30	+18 5.5	2.216	3.140	7.8	20.4
3 12	9 12.31	+18 56.4	2.293	3.145	10.9	20.6
305586	2008 YC_{53}		2 10.1	13.°56	2.°6/ 8.7	18
1 2	9 57.15	+17 37.1	1.210	2.030	19.9	20.3
1 12	9 55.04	+18 8.1	1.141	2.032	15.7	20.1
1 22	9 49.41	+18 52.3	1.092	2.036	10.7	19.8
2 1	9 40.93	+19 42.6	1.065	2.040	5.3	19.5
2 11	9 30.97	+20 29.4	1.062	2.046	3.0	19.4
2 21	9 21.20	+21 4.3	1.085	2.053	7.8	19.7
3 2	9 13.28	+21 21.8	1.131	2.060	12.9	20.0
3 12	9 8.38	+21 20.5	1.197	2.068	17.5	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
289745	2005 JT_{52}		2 10.1	242.°00	3.°9/ 6.3	18
	h m	° ′			°	m
1 2	9 56.47	+24 0.3	2.405	3.193	12.2	21.1
1 12	9 52.81	+25 3.7	2.316	3.188	9.6	20.9
1 22	9 47.01	+26 11.7	2.250	3.182	6.8	20.7
2 1	9 39.53	+27 18.2	2.212	3.176	4.4	20.5
2 11	9 31.11	+28 16.7	2.204	3.171	4.3	20.5
2 21	9 22.66	+29 2.2	2.225	3.165	6.6	20.6
3 2	9 15.10	+29 31.2	2.274	3.159	9.5	20.8
3 12	9 9.24	+29 43.2	2.346	3.152	12.3	21.0
242370	2004 CM_{74}		2 10.1	341.°19	3.°0/12.7	18
1 2	9 53.80	+ 4 23.1	2.786	3.512	12.2	19.7
1 12	9 50.20	+ 3 57.4	2.681	3.507	10.0	19.5
1 22	9 44.95	+ 3 42.3	2.600	3.502	7.5	19.3
2 1	9 38.43	+ 3 37.7	2.544	3.497	4.8	19.2
2 11	9 31.22	+ 3 42.5	2.518	3.493	3.0	19.0
2 21	9 23.98	+ 3 54.5	2.522	3.488	4.0	19.1
3 2	9 17.41	+ 4 11.1	2.554	3.484	6.6	19.2
3 12	9 12.09	+ 4 29.2	2.614	3.481	9.2	19.4
219793	2002 AM_{101}		2 10.1	75.°01	0.°5/10.4	18
1 2	9 59.94	+11 56.3	1.836	2.606	16.1	20.6
1 12	9 55.75	+12 3.4	1.762	2.622	12.7	20.4
1 22	9 49.06	+12 22.7	1.710	2.639	8.8	20.2
2 1	9 40.50	+12 50.8	1.684	2.656	4.4	19.9
2 11	9 31.03	+13 23.0	1.686	2.672	0.5	19.7
2 21	9 21.76	+13 54.3	1.716	2.689	4.8	20.0
3 2	9 13.77	+14 20.4	1.775	2.705	9.0	20.3
3 12	9 7.88	+14 38.3	1.858	2.721	12.6	20.6
140524	2001 TT_{171}		2 10.1	208.°98	4.°6/13.6	18
1 2	9 59.07	+ 0 16.4	2.313	3.021	14.8	20.7
1 12	9 54.76	− 0 10.4	2.207	3.015	12.5	20.6
1 22	9 48.32	− 0 21.9	2.121	3.009	9.7	20.4
2 1	9 40.18	− 0 17.1	2.061	3.002	6.7	20.2
2 11	9 31.05	+ 0 3.0	2.029	2.995	4.7	20.0
2 21	9 21.83	+ 0 35.6	2.027	2.987	5.4	20.1
3 2	9 13.43	+ 1 16.6	2.053	2.979	8.2	20.2
3 12	9 6.65	+ 2 1.0	2.106	2.970	11.2	20.4
238390	2004 DW_{78}		2 10.1	8.°81	10.°2/18.5	18
1 2	9 49.00	−10 22.2	1.533	2.240	21.3	19.3
1 12	9 47.79	−11 21.6	1.457	2.244	18.8	19.1
1 22	9 44.02	−11 51.3	1.396	2.249	15.9	18.9
2 1	9 38.19	−11 46.6	1.354	2.256	13.0	18.8
2 11	9 31.24	−11 6.4	1.333	2.264	10.8	18.7
2 21	9 24.32	− 9 54.4	1.336	2.274	10.3	18.7
3 2	9 18.59	− 8 18.7	1.362	2.285	11.7	18.8
3 12	9 15.01	− 6 30.8	1.411	2.297	14.3	19.0
463308	2012 JK_{20}		2 10.1	302.°48	8.°0/15.9	17
1 2	9 53.37	− 6 28.1	1.788	2.493	18.7	21.4
1 12	9 51.11	− 7 5.5	1.678	2.473	16.3	21.2
1 22	9 46.33	− 7 18.9	1.585	2.453	13.5	20.9
2 1	9 39.40	− 7 4.4	1.513	2.433	10.5	20.7
2 11	9 31.12	− 6 20.9	1.465	2.413	8.3	20.5
2 21	9 22.54	− 5 11.0	1.443	2.394	8.4	20.5
3 2	9 14.85	− 3 41.3	1.447	2.375	10.8	20.6
3 12	9 9.14	− 2 1.5	1.475	2.356	14.1	20.7
523667	2012 TM_{139}		2 10.1	158.°85	1.°3/11.2	18 C
1 2	10 5.76	+ 8 20.2	2.255	2.986	14.6	24.7
1 12	9 59.89	+ 8 34.6	2.164	2.999	11.7	24.5
1 22	9 51.73	+ 9 2.0	2.095	3.010	8.3	24.3
2 1	9 41.79	+ 9 40.0	2.054	3.020	4.4	24.1
2 11	9 30.92	+10 24.5	2.044	3.029	1.3	23.8
2 21	9 20.11	+11 10.8	2.065	3.036	4.3	24.1
3 2	9 10.36	+11 54.3	2.117	3.042	8.1	24.3
3 12	9 2.48	+12 31.3	2.196	3.046	11.4	24.5
67816	2000 VZ_{28}		2 10.1	165.°07	2.°7/12.1	18
1 2	9 59.14	+ 4 53.4	1.912	2.655	16.4	19.9
1 12	9 55.20	+ 5 1.0	1.820	2.659	13.4	19.7
1 22	9 48.80	+ 5 26.5	1.750	2.663	9.8	19.5
2 1	9 40.45	+ 6 8.4	1.704	2.666	5.8	19.2
2 11	9 31.04	+ 7 2.8	1.687	2.669	2.7	19.1
2 21	9 21.61	+ 8 4.2	1.699	2.671	4.9	19.2
3 2	9 13.27	+ 9 6.1	1.739	2.672	8.9	19.4
3 12	9 6.91	+10 2.8	1.804	2.673	12.6	19.7
13691	Akie		2 10.1	253.°82	0.°8/10.8	18
1 2	9 55.48	+ 7 51.5	1.933	2.695	15.6	18.0
1 12	9 52.47	+ 8 34.9	1.831	2.686	12.6	17.8
1 22	9 47.05	+ 9 37.1	1.751	2.676	8.9	17.6
2 1	9 39.66	+10 55.1	1.696	2.666	4.6	17.3
2 11	9 31.11	+12 22.9	1.670	2.656	0.8	17.0
2 21	9 22.40	+13 53.0	1.673	2.646	4.8	17.2
3 2	9 14.64	+15 17.6	1.705	2.636	9.2	17.5
3 12	9 8.76	+16 30.6	1.762	2.625	13.1	17.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
453331	2008 YZ_4		2 10.1	63.°10	0.°2/10.3	18
	h m	° ′			°	m
1 2	10 1.35	+11 56.3	1.377	2.166	19.5	21.5
1 12	9 57.62	+12 10.9	1.314	2.186	15.5	21.2
1 22	9 50.73	+12 41.7	1.271	2.205	10.6	21.0
2 1	9 41.42	+13 24.1	1.252	2.225	5.2	20.8
2 11	9 30.97	+14 11.1	1.259	2.245	0.5	20.5
2 21	9 20.87	+14 55.3	1.292	2.265	5.9	20.9
3 2	9 12.50	+15 30.6	1.352	2.285	10.9	21.2
3 12	9 6.85	+15 53.7	1.434	2.306	15.1	21.5
499955	2011 JM_6		2 10.1	321.°31	1.°6/ 8.9	17
1 2	9 56.78	+16 37.5	1.956	2.741	14.7	21.9
1 12	9 53.41	+17 8.4	1.865	2.737	11.6	21.6
1 22	9 47.62	+17 49.0	1.797	2.733	7.9	21.4
2 1	9 39.89	+18 34.8	1.754	2.729	3.9	21.2
2 11	9 31.11	+19 19.7	1.740	2.725	1.8	21.0
2 21	9 22.31	+19 58.2	1.755	2.721	5.5	21.2
3 2	9 14.60	+20 25.9	1.797	2.718	9.5	21.5
3 12	9 8.85	+20 40.6	1.864	2.714	13.1	21.7
237719	2001 VX_{129}		2 10.1	135.°79	1.°7/ 8.4	17
1 2	9 55.14	+17 7.7	2.564	3.338	11.9	21.0
1 12	9 51.45	+17 59.2	2.478	3.344	9.3	20.8
1 22	9 45.91	+18 58.6	2.416	3.350	6.3	20.6
2 1	9 38.93	+20 1.3	2.382	3.355	3.1	20.4
2 11	9 31.21	+21 2.1	2.378	3.360	2.0	20.3
2 21	9 23.50	+21 56.1	2.405	3.365	4.8	20.5
3 2	9 16.61	+22 39.7	2.461	3.370	7.9	20.8
3 12	9 11.19	+23 10.7	2.542	3.375	10.6	20.9
497856	2006 UR_{119}		2 10.2	138.°50	1.°4/11.6	17
1 2	9 54.67	+ 7 28.5	2.880	3.616	11.6	22.2
1 12	9 50.76	+ 7 43.3	2.788	3.625	9.3	22.0
1 22	9 45.26	+ 8 8.7	2.719	3.634	6.6	21.9
2 1	9 38.56	+ 8 43.1	2.678	3.642	3.7	21.7
2 11	9 31.25	+ 9 23.6	2.667	3.650	1.4	21.5
2 21	9 23.97	+10 6.7	2.686	3.658	3.3	21.7
3 2	9 17.38	+10 48.8	2.736	3.666	6.2	21.9
3 12	9 12.04	+11 26.9	2.814	3.673	8.9	22.1
37083	2000 UK_{60}		2 10.2	335.°16	1.°3/10.8	18
1 2	9 57.25	+10 53.9	1.354	2.149	19.5	18.6
1 12	9 54.86	+10 44.4	1.267	2.141	15.8	18.3
1 22	9 49.24	+10 51.1	1.199	2.133	11.1	18.0
2 1	9 40.91	+11 12.1	1.154	2.126	5.9	17.7
2 11	9 31.01	+11 42.5	1.133	2.119	1.3	17.4
2 21	9 21.04	+12 15.7	1.138	2.113	6.1	17.7
3 2	9 12.55	+12 45.5	1.169	2.108	11.5	18.0
3 12	9 6.79	+13 6.7	1.221	2.104	16.3	18.2
244161	2001 XK_8		2 10.2	49.°48	6.°7/15.3	18
1 2	9 57.09	− 4 46.6	2.247	2.934	15.8	19.9
1 12	9 53.14	− 5 45.7	2.161	2.944	13.5	19.7
1 22	9 47.14	− 6 27.5	2.094	2.955	11.0	19.5
2 1	9 39.56	− 6 49.7	2.052	2.966	8.6	19.4
2 11	9 31.16	− 6 51.9	2.036	2.977	6.9	19.3
2 21	9 22.79	− 6 35.8	2.047	2.988	7.0	19.4
3 2	9 15.34	− 6 5.2	2.086	3.000	8.8	19.5
3 12	9 9.53	− 5 25.7	2.150	3.011	11.2	19.6
83352	2001 RT_{148}		2 10.2	298.°48	3.°5/ 7.2	18
1 2	9 55.75	+17 33.9	1.733	2.530	15.8	19.7
1 12	9 53.07	+19 2.6	1.646	2.526	12.4	19.4
1 22	9 47.68	+20 46.0	1.582	2.521	8.4	19.2
2 1	9 40.04	+22 36.0	1.544	2.517	4.6	18.9
2 11	9 31.10	+24 22.4	1.535	2.513	3.9	18.9
2 21	9 22.06	+25 55.2	1.554	2.508	7.5	19.1
3 2	9 14.19	+27 7.4	1.600	2.504	11.6	19.3
3 12	9 8.53	+27 56.0	1.668	2.500	15.3	19.5
188092	2001 XR_{166}		2 10.2	104.°34	2.°2/ 8.3	18
1 2	9 58.91	+17 8.4	2.021	2.801	14.4	20.9
1 12	9 54.85	+18 3.9	1.947	2.817	11.3	20.7
1 22	9 48.43	+19 8.9	1.897	2.832	7.6	20.5
2 1	9 40.21	+20 17.4	1.874	2.847	3.8	20.3
2 11	9 31.10	+21 22.5	1.880	2.862	2.4	20.2
2 21	9 22.13	+22 18.0	1.916	2.876	5.7	20.5
3 2	9 14.30	+22 59.8	1.980	2.891	9.4	20.7
3 12	9 8.44	+23 26.0	2.068	2.904	12.6	20.9
468973	2015 AQ_{87}		2 10.2	231.°38	1.°2/11.0	18
1 2	9 57.91	+10 2.4	2.081	2.840	14.8	21.2
1 12	9 54.06	+10 2.4	1.986	2.838	11.8	21.0
1 22	9 47.94	+10 14.4	1.912	2.836	8.3	20.7
2 1	9 40.02	+10 36.5	1.865	2.834	4.4	20.5
2 11	9 31.11	+11 5.1	1.846	2.832	1.2	20.3
2 21	9 22.20	+11 35.8	1.856	2.829	4.4	20.5
3 2	9 14.27	+12 4.6	1.895	2.827	8.4	20.7
3 12	9 8.16	+12 27.8	1.960	2.824	11.9	20.9

467780 2009 WV_{65} 2 10.2 346.°22 9.°1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.12	+33 13.2	1.588	2.403	16.2	20.6
1 12	9 55.57	+34 47.9	1.518	2.396	13.3	20.4
1 22	9 49.70	+36 21.6	1.470	2.390	10.7	20.2
2 1	9 41.10	+37 42.4	1.445	2.384	9.2	20.1
2 11	9 31.01	+38 39.2	1.446	2.380	9.8	20.1
2 21	9 21.00	+39 4.8	1.471	2.376	12.2	20.2
3 2	9 12.64	+38 57.6	1.518	2.373	15.2	20.4
3 12	9 7.13	+38 21.1	1.585	2.370	18.1	20.6

207753 2007 SA_{1} 2 10.2 104.°12 0.°7/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.88	+ 9 46.9	2.670	3.415	12.2	21.0
1 12	9 52.53	+10 8.6	2.593	3.438	9.7	20.9
1 22	9 46.46	+10 40.5	2.538	3.459	6.7	20.7
2 1	9 39.14	+11 19.9	2.512	3.481	3.4	20.5
2 11	9 31.22	+12 3.4	2.516	3.502	0.7	20.3
2 21	9 23.42	+12 47.1	2.551	3.522	3.5	20.6
3 2	9 16.44	+13 27.2	2.616	3.543	6.6	20.8
3 12	9 10.88	+14 1.2	2.708	3.562	9.4	21.0

182119 2000 QH_{186} 2 10.2 164.°56 1.°9/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.71	+18 5.0	2.362	3.134	12.9	21.1
1 12	9 55.19	+18 44.1	2.275	3.139	10.1	20.9
1 22	9 48.55	+19 30.3	2.211	3.143	6.8	20.7
2 1	9 40.26	+20 19.1	2.175	3.147	3.5	20.5
2 11	9 31.11	+21 5.1	2.169	3.151	2.1	20.4
2 21	9 22.00	+21 43.5	2.193	3.153	5.1	20.6
3 2	9 13.85	+22 10.9	2.246	3.156	8.5	20.8
3 12	9 7.42	+22 25.9	2.325	3.158	11.5	21.0

269773 1999 TL_{87} 2 10.2 25.°77 0.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.16	+14 16.4	1.939	2.720	14.9	20.9
1 12	9 52.88	+14 49.0	1.853	2.722	11.8	20.7
1 22	9 47.22	+15 33.3	1.790	2.724	8.0	20.5
2 1	9 39.69	+16 25.0	1.752	2.726	3.9	20.3
2 11	9 31.16	+17 18.1	1.743	2.728	1.1	20.1
2 21	9 22.67	+18 6.7	1.762	2.731	5.2	20.3
3 2	9 15.25	+18 45.9	1.809	2.733	9.2	20.6
3 12	9 9.78	+19 12.8	1.881	2.736	12.8	20.8

336449 2008 UD_{339} 2 10.2 300.°24 1.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.30	+16 23.4	2.142	2.922	13.7	20.9
1 12	9 52.81	+16 56.1	2.050	2.919	10.8	20.7
1 22	9 47.08	+17 38.0	1.981	2.916	7.3	20.4
2 1	9 39.61	+18 24.7	1.938	2.912	3.6	20.2
2 11	9 31.17	+19 10.9	1.925	2.909	1.7	20.1
2 21	9 22.73	+19 51.2	1.941	2.906	5.1	20.3
3 2	9 15.26	+20 21.7	1.984	2.903	8.9	20.5
3 12	9 9.57	+20 40.1	2.053	2.900	12.2	20.7

289171 2004 VT_{61} 2 10.2 68.°41 1.°1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.21	+ 9 21.2	1.435	2.213	19.4	21.3
1 12	9 57.33	+ 9 37.6	1.374	2.237	15.4	21.1
1 22	9 50.43	+10 12.2	1.332	2.261	10.7	20.9
2 1	9 41.26	+11 1.1	1.314	2.285	5.5	20.6
2 11	9 31.03	+11 57.5	1.323	2.309	1.1	20.4
2 21	9 21.15	+12 53.6	1.359	2.332	5.5	20.8
3 2	9 12.93	+13 42.9	1.421	2.356	10.3	21.1
3 12	9 7.30	+14 20.7	1.507	2.379	14.4	21.4

270317 2001 XO_{19} 2 10.2 66.°34 3.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.04	+20 33.3	1.729	2.523	16.0	20.7
1 12	9 56.86	+21 15.8	1.666	2.542	12.5	20.5
1 22	9 49.95	+22 5.0	1.624	2.560	8.5	20.3
2 1	9 40.98	+22 54.0	1.608	2.580	4.6	20.1
2 11	9 31.06	+23 35.6	1.620	2.599	3.5	20.1
2 21	9 21.44	+24 4.2	1.660	2.618	6.8	20.3
3 2	9 13.29	+24 16.8	1.727	2.637	10.6	20.6
3 12	9 7.48	+24 13.3	1.817	2.656	13.9	20.8

388842 2008 EA_{73} 2 10.2 134.°31 3.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.29	+23 46.1	2.762	3.540	11.0	21.0
1 12	9 53.01	+24 19.4	2.677	3.544	8.6	20.9
1 22	9 46.89	+24 54.9	2.617	3.548	6.0	20.7
2 1	9 39.40	+25 28.4	2.585	3.551	3.6	20.6
2 11	9 31.21	+25 55.4	2.582	3.554	3.2	20.5
2 21	9 23.10	+26 12.6	2.610	3.558	5.3	20.7
3 2	9 15.83	+26 18.2	2.667	3.561	8.0	20.8
3 12	9 10.04	+26 11.8	2.749	3.564	10.4	21.0

379429 2010 CK_{11} 2 10.2 4.°54 11.°9/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.17	+41 34.1	1.669	2.474	16.0	19.8
1 12	9 55.85	+43 40.9	1.618	2.474	13.9	19.7
1 22	9 50.01	+45 38.3	1.588	2.475	12.3	19.6
2 1	9 41.28	+47 13.2	1.582	2.477	11.9	19.6
2 11	9 31.03	+48 14.8	1.599	2.480	12.8	19.6
2 21	9 20.95	+48 37.8	1.638	2.483	14.6	19.8
3 2	9 12.72	+48 22.9	1.697	2.488	16.7	19.9
3 12	9 7.54	+47 35.5	1.774	2.494	18.7	20.1

496735 2016 GX_{245} 2 10.2 24.°78 0.°5/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.26	+14 32.8	1.935	2.712	15.1	21.4
1 12	9 54.52	+14 47.0	1.847	2.713	11.9	21.2
1 22	9 48.34	+15 11.3	1.782	2.715	8.2	21.0
2 1	9 40.25	+15 42.2	1.742	2.716	4.0	20.7
2 11	9 31.13	+16 14.6	1.731	2.717	0.8	20.5
2 21	9 22.07	+16 43.6	1.748	2.718	5.0	20.8
3 2	9 14.13	+17 5.2	1.794	2.720	9.1	21.1
3 12	9 8.18	+17 16.9	1.863	2.722	12.8	21.3

365142 2009 DY_{55} 2 10.2 306.°26 2.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.22	+16 58.3	1.472	2.274	17.9	20.7
1 12	9 55.60	+17 24.6	1.377	2.258	14.2	20.4
1 22	9 49.78	+18 3.6	1.302	2.242	9.8	20.1
2 1	9 41.23	+18 49.9	1.251	2.226	4.9	19.7
2 11	9 31.03	+19 35.8	1.226	2.210	2.4	19.5
2 21	9 20.62	+20 13.3	1.227	2.195	7.1	19.8
3 2	9 11.60	+20 36.5	1.253	2.180	12.2	20.0
3 12	9 5.23	+20 42.9	1.302	2.165	16.8	20.2

458179 2010 NQ_{4} 2 10.2 193.°85 3.°4/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.47	+ 4 33.9	2.310	3.028	14.6	22.1
1 12	9 58.18	+ 4 6.4	2.205	3.026	12.0	21.9
1 22	9 50.66	+ 3 51.5	2.122	3.023	9.0	21.7
2 1	9 41.35	+ 3 49.0	2.065	3.019	5.7	21.5
2 11	9 31.04	+ 3 57.7	2.038	3.014	3.4	21.4
2 21	9 20.66	+ 4 14.9	2.042	3.008	4.8	21.5
3 2	9 11.18	+ 4 37.0	2.075	3.002	8.1	21.6
3 12	9 3.44	+ 5 0.2	2.136	2.995	11.3	21.8

208638 2002 EJ_{100} 2 10.2 181.°56 0.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.68	+11 59.9	2.036	2.796	15.0	21.3
1 12	9 57.10	+12 17.6	1.942	2.797	12.0	21.1
1 22	9 50.07	+12 47.2	1.871	2.798	8.3	20.9
2 1	9 41.10	+13 25.7	1.826	2.798	4.1	20.6
2 11	9 31.07	+14 8.1	1.810	2.797	0.4	20.3
2 21	9 21.02	+14 49.2	1.825	2.795	4.7	20.6
3 2	9 12.05	+15 24.4	1.868	2.793	8.9	20.9
3 12	9 5.06	+15 50.5	1.936	2.790	12.5	21.1

146331 2001 NO_{20} 2 10.2 116.°45 5.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.64	− 0 5.1	1.998	2.712	16.7	20.4
1 12	9 56.19	− 0 49.3	1.911	2.722	14.0	20.2
1 22	9 49.37	− 1 16.4	1.845	2.732	10.9	20.0
2 1	9 40.72	− 1 25.0	1.803	2.742	7.7	19.8
2 11	9 31.11	− 1 15.9	1.788	2.751	5.6	19.7
2 21	9 21.54	− 0 51.8	1.801	2.760	6.2	19.8
3 2	9 13.06	− 0 17.4	1.843	2.769	9.0	19.9
3 12	9 6.50	+ 0 21.8	1.910	2.777	12.1	20.2

503546 2016 FC_{35} 2 10.2 214.°31 4.°6/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.30	− 1 8.7	2.192	2.904	15.4	22.0
1 12	9 51.92	− 1 16.2	2.091	2.902	13.0	21.8
1 22	9 46.45	− 1 5.0	2.010	2.899	10.1	21.6
2 1	9 39.31	− 0 34.4	1.954	2.895	7.0	21.4
2 11	9 31.23	+ 0 13.5	1.925	2.892	4.8	21.2
2 21	9 23.08	+ 1 14.9	1.925	2.888	5.4	21.3
3 2	9 15.78	+ 2 23.9	1.953	2.885	8.2	21.4
3 12	9 10.10	+ 3 34.3	2.008	2.881	11.3	21.6

334666 2002 XY_{106} 2 10.2 73.°67 4.°7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.43	+ 0 3.7	2.285	2.992	15.0	20.8
1 12	9 54.77	− 0 34.7	2.210	3.016	12.5	20.7
1 22	9 48.12	− 0 57.6	2.156	3.041	9.7	20.5
2 1	9 40.00	− 1 4.5	2.127	3.065	6.8	20.4
2 11	9 31.19	− 0 56.3	2.127	3.089	4.8	20.3
2 21	9 22.54	− 0 35.8	2.155	3.113	5.4	20.4
3 2	9 14.88	− 0 7.0	2.212	3.137	7.8	20.6
3 12	9 8.90	+ 0 25.6	2.296	3.161	10.4	20.8

405944 2006 RH_{58} 2 10.2 121.°59 5.°3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.23	− 5 27.0	2.253	2.933	15.9	23.1
1 12	9 53.97	− 5 21.4	2.169	2.953	13.5	22.9
1 22	9 47.67	− 4 54.1	2.104	2.972	10.7	22.8
2 1	9 39.83	− 4 4.9	2.064	2.990	7.7	22.6
2 11	9 31.20	− 2 56.3	2.052	3.008	5.6	22.5
2 21	9 22.66	− 1 33.1	2.069	3.025	5.8	22.5
3 2	9 15.07	− 0 2.0	2.115	3.041	8.0	22.7
3 12	9 9.15	+ 1 29.7	2.189	3.057	10.7	22.9

208715 2002 JW_{95} 2 10.2 261.°40 0.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.13	+14 24.9	1.770	2.550	16.2	21.1
1 12	9 56.49	+14 45.0	1.668	2.535	12.9	20.9
1 22	9 50.04	+15 17.5	1.587	2.521	8.9	20.6
2 1	9 41.25	+15 58.5	1.532	2.506	4.4	20.3
2 11	9 31.05	+16 42.0	1.504	2.490	1.0	20.0
2 21	9 20.67	+17 21.8	1.505	2.475	5.7	20.3
3 2	9 11.42	+17 52.5	1.533	2.459	10.4	20.5
3 12	9 4.42	+18 10.8	1.585	2.443	14.6	20.8

209389 2004 EF_{52} 2 10.2 333.°29 0.°2/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.37	+11 18.8	2.208	2.978	13.7	20.2
1 12	9 50.43	+12 3.8	2.114	2.975	10.9	20.0
1 22	9 45.44	+13 2.4	2.042	2.973	7.5	19.8
2 1	9 38.81	+14 10.8	1.997	2.970	3.6	19.5
2 11	9 31.29	+15 23.6	1.981	2.968	0.5	19.2
2 21	9 23.72	+16 34.6	1.995	2.966	4.5	19.6
3 2	9 17.01	+17 38.3	2.038	2.964	8.2	19.8
3 12	9 11.93	+18 30.6	2.106	2.962	11.6	20.0

12984 Lowry 2 10.2 118.°63 0.°4/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.82	+11 0.2	2.181	2.943	14.1	18.8
1 12	9 53.05	+11 23.1	2.094	2.950	11.2	18.6
1 22	9 47.15	+11 58.0	2.029	2.956	7.7	18.4
2 1	9 39.62	+12 41.9	1.992	2.963	3.9	18.2
2 11	9 31.22	+13 30.3	1.983	2.969	0.4	17.9
2 21	9 22.88	+14 18.1	2.004	2.976	4.3	18.3
3 2	9 15.50	+15 0.8	2.054	2.982	8.1	18.5
3 12	9 9.83	+15 35.0	2.129	2.988	11.4	18.7

330035 2005 UL_{218} 2 10.2 246.°03 0.°1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.01	+13 19.1	1.950	2.722	15.2	21.8
1 12	9 55.16	+13 29.7	1.855	2.718	12.1	21.5
1 22	9 48.84	+13 51.2	1.783	2.713	8.3	21.3
2 1	9 40.54	+14 20.6	1.736	2.709	4.1	21.0
2 11	9 31.14	+14 53.1	1.718	2.704	0.4	20.7
2 21	9 21.72	+15 23.8	1.729	2.700	4.9	21.1
3 2	9 13.39	+15 48.4	1.767	2.695	9.2	21.3
3 12	9 7.04	+16 4.1	1.831	2.690	12.9	21.5

219978 2002 LC_{22} 2 10.2 130.°98 1.°4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.92	+ 8 48.1	1.641	2.402	18.1	20.5
1 12	9 59.28	+ 8 58.7	1.564	2.416	14.5	20.3
1 22	9 51.75	+ 9 26.1	1.506	2.430	10.2	20.1
2 1	9 41.97	+10 7.4	1.474	2.443	5.4	19.8
2 11	9 31.03	+10 57.1	1.469	2.455	1.4	19.6
2 21	9 20.24	+11 48.6	1.494	2.466	5.3	19.9
3 2	9 10.90	+12 35.7	1.545	2.477	9.9	20.2
3 12	9 4.00	+13 13.7	1.622	2.487	14.0	20.4

63019 2000 WY_{41} 2 10.2 152.°24 2.°3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.99	+18 49.6	2.212	2.990	13.4	20.1
1 12	9 54.81	+19 34.7	2.127	2.995	10.5	19.9
1 22	9 48.40	+20 27.0	2.067	3.000	7.1	19.7
2 1	9 40.25	+21 21.6	2.033	3.005	3.7	19.5
2 11	9 31.18	+22 12.4	2.029	3.010	2.6	19.4
2 21	9 22.18	+22 54.1	2.055	3.014	5.6	19.6
3 2	9 14.19	+23 23.2	2.109	3.017	9.0	19.8
3 12	9 8.03	+23 38.2	2.188	3.021	12.1	20.0

410218 2007 RK_{295} 2 10.2 211.°82 1.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.28	+ 8 19.3	2.060	2.809	15.2	22.7
1 12	9 56.07	+ 8 33.7	1.957	2.803	12.3	22.4
1 22	9 49.45	+ 9 3.0	1.875	2.795	8.8	22.2
2 1	9 40.86	+ 9 45.0	1.819	2.786	4.7	21.9
2 11	9 31.13	+10 35.6	1.792	2.777	1.4	21.7
2 21	9 21.27	+11 29.3	1.795	2.767	4.6	21.9
3 2	9 12.37	+12 20.7	1.827	2.757	8.8	22.1
3 12	9 5.35	+13 5.1	1.885	2.745	12.5	22.3

155214 2005 UK_{508} 2 10.2 130.°17 0.°2/10.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.75	+13 55.1	1.977	2.749	15.0	20.7
1 12	9 55.62	+14 3.6	1.890	2.752	11.9	20.5
1 22	9 49.07	+14 22.2	1.824	2.755	8.2	20.3
2 1	9 40.62	+14 47.5	1.784	2.757	4.0	20.0
2 11	9 31.17	+15 15.0	1.773	2.760	0.5	19.7
2 21	9 21.77	+15 40.1	1.792	2.762	4.8	20.1
3 2	9 13.51	+15 58.9	1.838	2.765	8.9	20.3
3 12	9 7.23	+16 9.1	1.909	2.767	12.5	20.6

128365 2004 HJ_{44} 2 10.2 179.°33 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.65	+11 26.6	1.950	2.706	15.7	21.0
1 12	9 58.77	+11 38.3	1.857	2.709	12.6	20.8
1 22	9 51.29	+12 2.5	1.785	2.710	8.7	20.5
2 1	9 41.74	+12 36.3	1.740	2.711	4.4	20.3
2 11	9 31.06	+13 14.8	1.724	2.711	0.5	20.0
2 21	9 20.37	+13 52.8	1.738	2.710	4.9	20.3
3 2	9 10.84	+14 25.6	1.781	2.708	9.2	20.5
3 12	9 3.41	+14 49.8	1.849	2.705	13.0	20.8

305092 2007 VG_{12} 2 10.2 85.°37 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.52	+10 38.3	1.607	2.380	17.9	21.0
1 12	9 57.34	+10 58.9	1.540	2.401	14.2	20.8
1 22	9 50.36	+11 35.1	1.493	2.422	9.8	20.6
2 1	9 41.25	+12 23.0	1.470	2.442	4.9	20.4
2 11	9 31.12	+13 16.1	1.476	2.462	0.6	20.1
2 21	9 21.25	+14 7.7	1.510	2.482	5.3	20.5
3 2	9 12.87	+14 51.8	1.571	2.502	9.8	20.8
3 12	9 6.88	+15 24.8	1.656	2.521	13.7	21.1

144280 2004 CH_{101} 2 10.2 343.°76 5.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.48	− 2 13.9	1.592	2.332	19.3	20.0
1 12	9 50.55	− 2 9.4	1.500	2.328	16.3	19.8
1 22	9 46.00	− 1 37.2	1.426	2.324	12.7	19.6
2 1	9 39.27	− 0 36.3	1.373	2.320	8.8	19.3
2 11	9 31.28	+ 0 50.4	1.346	2.317	5.7	19.1
2 21	9 23.20	+ 2 35.6	1.345	2.314	6.4	19.2
3 2	9 16.24	+ 4 28.9	1.371	2.312	10.0	19.4
3 12	9 11.45	+ 6 19.5	1.422	2.310	14.1	19.6

428200 2006 US_{220} 2 10.2 190.°21 3.°9/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.25	− 1 46.9	3.023	3.711	12.0	21.8
1 12	9 50.44	− 1 54.2	2.916	3.710	10.1	21.6
1 22	9 45.09	− 1 47.6	2.831	3.708	7.9	21.5
2 1	9 38.55	− 1 26.9	2.772	3.706	5.6	21.3
2 11	9 31.36	− 0 53.4	2.742	3.703	4.0	21.2
2 21	9 24.13	− 0 9.7	2.742	3.701	4.4	21.2
3 2	9 17.50	+ 0 40.6	2.772	3.697	6.4	21.3
3 12	9 12.03	+ 1 33.4	2.830	3.694	8.7	21.5

449162 2013 AB_{131} 2 10.2 21.°38 1.°2/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.07	+12 8.1	1.271	2.079	19.9	21.3
1 12	9 53.24	+13 3.1	1.199	2.082	15.7	21.0
1 22	9 48.15	+14 19.5	1.146	2.087	10.7	20.8
2 1	9 40.40	+15 50.8	1.116	2.092	5.1	20.5
2 11	9 31.19	+17 26.4	1.111	2.097	1.5	20.2
2 21	9 22.05	+18 54.6	1.132	2.103	6.9	20.6
3 2	9 14.52	+20 6.2	1.178	2.110	12.3	20.9
3 12	9 9.78	+20 56.1	1.245	2.117	16.9	21.2

264734 2002 CX_{114} 2 10.2 311.°81 3.°0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.24	+17 59.3	1.825	2.620	15.2	20.0
1 12	9 52.54	+19 6.3	1.734	2.612	11.9	19.8
1 22	9 47.26	+20 25.5	1.666	2.604	8.1	19.6
2 1	9 39.86	+21 50.3	1.623	2.596	4.3	19.3
2 11	9 31.24	+23 12.2	1.609	2.589	3.4	19.2
2 21	9 22.52	+24 23.1	1.624	2.581	6.9	19.4
3 2	9 14.90	+25 16.8	1.664	2.574	10.9	19.6
3 12	9 9.37	+25 50.9	1.729	2.567	14.5	19.9

331182 2011 AC_{45} 2 10.2 193.°23 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.84	+11 45.7	2.046	2.810	14.8	21.1
1 12	9 54.86	+11 51.9	1.953	2.810	11.8	20.9
1 22	9 48.54	+12 9.3	1.882	2.809	8.2	20.7
2 1	9 40.37	+12 35.3	1.837	2.809	4.2	20.4
2 11	9 31.21	+13 6.0	1.821	2.808	0.6	20.2
2 21	9 22.05	+13 36.7	1.834	2.807	4.6	20.5
3 2	9 13.92	+14 3.3	1.876	2.805	8.6	20.7
3 12	9 7.68	+14 22.7	1.943	2.804	12.2	20.9

427457 2001 SO_{212} 2 10.2 77.°70 6.°8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.60	−12 23.3	2.427	3.066	15.7	20.9
1 12	9 50.28	−12 16.5	2.340	3.083	13.8	20.8
1 22	9 45.13	−11 45.6	2.272	3.100	11.5	20.6
2 1	9 38.60	−10 49.4	2.225	3.117	9.1	20.5
2 11	9 31.38	− 9 29.3	2.205	3.133	7.3	20.4
2 21	9 24.22	− 7 49.9	2.214	3.150	6.9	20.4
3 2	9 17.90	− 5 57.8	2.251	3.167	8.2	20.5
3 12	9 13.05	− 4 1.1	2.316	3.183	10.3	20.7

407436 2010 TU_{168} 2 10.2 53.°81 5.°8/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.89	+28 3.2	1.577	2.375	17.1	20.6
1 12	10 1.89	+28 35.0	1.514	2.389	13.6	20.4
1 22	9 53.60	+29 6.1	1.472	2.403	9.8	20.2
2 1	9 42.85	+29 28.2	1.455	2.417	6.6	20.0
2 11	9 31.00	+29 33.4	1.465	2.431	6.1	20.0
2 21	9 19.63	+29 17.8	1.502	2.446	8.8	20.2
3 2	9 10.15	+28 41.6	1.565	2.461	12.4	20.5
3 12	9 3.54	+27 48.2	1.650	2.476	15.7	20.7

258117 2001 QM_{260} 2 10.2 156.°21 3.°1/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.39	+ 3 37.6	2.344	3.066	14.3	21.2
1 12	9 54.88	+ 3 29.7	2.251	3.074	11.7	21.0
1 22	9 48.33	+ 3 36.2	2.179	3.081	8.7	20.8
2 1	9 40.21	+ 3 56.4	2.133	3.087	5.5	20.6
2 11	9 31.25	+ 4 28.1	2.117	3.093	3.2	20.5
2 21	9 22.31	+ 5 7.5	2.130	3.098	4.5	20.6
3 2	9 14.26	+ 5 50.3	2.173	3.103	7.6	20.8
3 12	9 7.84	+ 6 32.0	2.243	3.107	10.7	21.0

374483 2005 YV_{57} 2 10.2 154.°42 1.°1/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.68	+10 23.7	2.063	2.823	14.9	22.0
1 12	9 54.68	+10 23.4	1.971	2.824	11.9	21.7
1 22	9 48.38	+10 34.9	1.902	2.826	8.4	21.5
2 1	9 40.29	+10 56.0	1.858	2.827	4.4	21.3
2 11	9 31.24	+11 23.2	1.843	2.828	1.1	21.0
2 21	9 22.20	+11 52.1	1.857	2.830	4.4	21.3
3 2	9 14.20	+12 18.7	1.899	2.831	8.4	21.5
3 12	9 8.04	+12 39.5	1.968	2.832	11.9	21.8

6753 Fursenko — 2 10.2 214.°20 0.°7/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.15	+11 5.3	1.771	2.537	16.7	17.7
1 12	9 57.97	+11 13.5	1.674	2.531	13.4	17.4
1 22	9 50.99	+11 35.7	1.598	2.525	9.4	17.2
2 1	9 41.72	+12 9.1	1.547	2.518	4.8	16.9
2 11	9 31.11	+12 48.9	1.524	2.511	0.7	16.5
2 21	9 20.39	+13 29.3	1.530	2.503	5.3	16.8
3 2	9 10.87	+14 4.8	1.564	2.494	10.0	17.1
3 12	9 3.60	+14 31.4	1.622	2.485	14.1	17.3

108502 2001 KR_{66} — 2 10.2 174.°11 3.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.45	+ 0 13.4	2.688	3.383	13.2	20.8
1 12	9 54.68	+ 0 0.1	2.586	3.387	11.1	20.6
1 22	9 48.08	+ 0 0.9	2.506	3.390	8.5	20.4
2 1	9 40.06	+ 0 16.1	2.452	3.393	5.8	20.3
2 11	9 31.27	+ 0 44.0	2.427	3.394	3.9	20.1
2 21	9 22.46	+ 1 22.0	2.434	3.395	4.6	20.2
3 2	9 14.39	+ 2 6.0	2.470	3.395	7.1	20.3
3 12	9 7.73	+ 2 51.8	2.534	3.394	9.7	20.5

26688 Wangenevieve — 2 10.2 225.°62 0.°2/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.15	+12 40.2	2.172	2.941	13.9	19.3
1 12	9 52.64	+13 7.9	2.079	2.940	11.0	19.1
1 22	9 46.98	+13 47.0	2.008	2.938	7.6	18.9
2 1	9 39.61	+14 34.2	1.964	2.936	3.7	18.7
2 11	9 31.31	+15 24.6	1.948	2.935	0.5	18.4
2 21	9 23.00	+16 12.9	1.963	2.933	4.5	18.7
3 2	9 15.61	+16 54.6	2.005	2.931	8.4	18.9
3 12	9 9.93	+17 26.3	2.074	2.929	11.8	19.1

451020 2008 UY_{275} — 2 10.2 44.°30 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.69	+13 21.0	1.232	2.037	20.5	21.7
1 12	9 56.79	+13 39.4	1.170	2.051	16.2	21.5
1 22	9 50.46	+14 14.4	1.127	2.066	11.1	21.2
2 1	9 41.46	+15 0.5	1.106	2.081	5.4	21.0
2 11	9 31.15	+15 49.7	1.111	2.097	0.8	20.7
2 21	9 21.17	+16 33.6	1.141	2.114	6.5	21.1
3 2	9 13.05	+17 5.9	1.195	2.130	11.8	21.4
3 12	9 7.87	+17 23.5	1.272	2.148	16.3	21.8

109935 2001 SC_{39} — 2 10.2 118.°33 4.°4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.43	+28 35.6	2.704	3.482	11.2	20.0
1 12	9 55.52	+29 25.6	2.634	3.497	8.9	19.8
1 22	9 48.64	+30 15.0	2.589	3.512	6.5	19.7
2 1	9 40.30	+30 58.4	2.572	3.526	4.7	19.6
2 11	9 31.26	+31 30.8	2.585	3.540	4.7	19.6
2 21	9 22.38	+31 48.7	2.628	3.554	6.5	19.7
3 2	9 14.49	+31 50.9	2.698	3.567	8.8	19.9
3 12	9 8.25	+31 38.2	2.793	3.580	11.0	20.1

62988 2000 WB_2 — 2 10.2 311.°08 4.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.08	− 0 54.5	2.431	3.142	14.1	19.4
1 12	9 49.97	− 1 0.5	2.330	3.140	11.8	19.2
1 22	9 45.02	− 0 49.7	2.249	3.137	9.2	19.1
2 1	9 38.61	− 0 21.8	2.193	3.134	6.4	18.9
2 11	9 31.41	+ 0 21.4	2.165	3.131	4.4	18.7
2 21	9 24.15	+ 1 16.4	2.166	3.129	4.9	18.8
3 2	9 17.64	+ 2 18.4	2.195	3.126	7.4	18.9
3 12	9 12.55	+ 3 21.8	2.251	3.124	10.3	19.1

35644 1998 KW_{59} — 2 10.2 318.°70 3.°4/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.63	+ 3 28.4	1.708	2.468	17.5	18.8
1 12	9 50.60	+ 3 33.7	1.604	2.451	14.5	18.6
1 22	9 46.04	+ 4 0.4	1.520	2.435	10.8	18.3
2 1	9 39.33	+ 4 48.4	1.459	2.419	6.7	18.0
2 11	9 31.33	+ 5 54.4	1.424	2.404	3.5	17.8
2 21	9 23.12	+ 7 11.9	1.416	2.390	5.4	17.9
3 2	9 15.90	+ 8 33.0	1.435	2.375	9.7	18.1
3 12	9 10.72	+ 9 49.6	1.478	2.362	13.9	18.3

208980 2002 YP_{22} — 2 10.2 21.°65 6.°4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.33	+29 29.4	2.190	2.988	12.9	19.8
1 12	9 53.11	+31 13.8	2.117	2.989	10.3	19.7
1 22	9 47.48	+33 0.0	2.069	2.991	7.9	19.5
2 1	9 39.92	+34 39.5	2.048	2.993	6.5	19.4
2 11	9 31.29	+36 3.4	2.056	2.995	7.0	19.5
2 21	9 22.63	+37 5.6	2.091	2.997	9.1	19.6
3 2	9 15.03	+37 43.1	2.152	2.999	11.6	19.8
3 12	9 9.38	+37 56.6	2.235	3.001	14.0	19.9

232702 2004 BW_{27} — 2 10.2 325.°16 1.°6/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.17	+14 41.0	1.264	2.073	19.9	20.6
1 12	9 55.92	+15 15.5	1.183	2.067	15.8	20.3
1 22	9 50.19	+16 7.6	1.121	2.062	10.9	20.0
2 1	9 41.52	+17 11.3	1.081	2.057	5.3	19.7
2 11	9 31.14	+18 17.4	1.066	2.052	1.9	19.4
2 21	9 20.69	+19 15.6	1.077	2.048	7.3	19.8
3 2	9 11.90	+19 58.4	1.112	2.044	12.9	20.0
3 12	9 6.09	+20 21.9	1.168	2.040	17.8	20.3

239885 2000 QN_{141} — 2 10.2 133.°82 2.°7/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.52	+19 34.3	1.981	2.756	14.9	21.2
1 12	9 59.33	+20 18.4	1.906	2.772	11.6	21.0
1 22	9 51.57	+21 9.4	1.854	2.787	7.9	20.8
2 1	9 41.84	+22 1.5	1.830	2.801	4.2	20.6
2 11	9 31.13	+22 47.6	1.835	2.814	3.0	20.6
2 21	9 20.61	+23 22.3	1.870	2.827	6.1	20.8
3 2	9 11.40	+23 42.6	1.932	2.839	9.8	21.0
3 12	9 4.37	+23 47.6	2.020	2.850	13.1	21.3

105020 2000 KD_{17} — 2 10.2 195.°13 4.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.27	− 0 8.2	2.389	3.094	14.5	20.8
1 12	9 54.07	− 0 25.0	2.285	3.092	12.2	20.6
1 22	9 47.85	− 0 25.9	2.202	3.089	9.4	20.4
2 1	9 40.03	− 0 10.4	2.144	3.085	6.5	20.2
2 11	9 31.29	+ 0 20.2	2.115	3.081	4.5	20.1
2 21	9 22.48	+ 1 2.7	2.115	3.077	5.1	20.1
3 2	9 14.47	+ 1 52.6	2.144	3.071	7.8	20.2
3 12	9 8.01	+ 2 44.8	2.200	3.066	10.8	20.4

17949 1999 JA_{18} — 2 10.2 194.°95 4.°4/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.28	+26 57.8	2.389	3.167	12.6	18.6
1 12	9 58.17	+27 42.9	2.301	3.165	10.0	18.5
1 22	9 50.71	+28 29.3	2.236	3.162	7.2	18.3
2 1	9 41.43	+29 10.8	2.199	3.159	4.9	18.1
2 11	9 31.18	+29 41.4	2.192	3.155	4.8	18.1
2 21	9 20.97	+29 56.8	2.215	3.150	7.0	18.2
3 2	9 11.85	+29 55.2	2.266	3.145	9.8	18.4
3 12	9 4.63	+29 37.3	2.341	3.140	12.5	18.6

424913 2008 WP_{86} — 2 10.2 107.°72 2.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.48	+21 27.9	2.327	3.102	12.9	21.6
1 12	9 56.52	+22 1.8	2.254	3.120	10.1	21.4
1 22	9 49.40	+22 39.6	2.206	3.138	6.9	21.2
2 1	9 40.70	+23 16.4	2.185	3.155	3.8	21.0
2 11	9 31.25	+23 47.0	2.195	3.172	2.9	21.0
2 21	9 22.00	+24 7.4	2.234	3.188	5.5	21.2
3 2	9 13.85	+24 15.6	2.302	3.205	8.6	21.4
3 12	9 7.52	+24 11.2	2.395	3.220	11.4	21.6

372421 2009 SO_1 — 2 10.2 201.°90 1.°3/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.23	+16 27.9	2.567	3.328	12.2	22.7
1 12	9 55.53	+17 0.1	2.465	3.323	9.6	22.5
1 22	9 48.80	+17 39.8	2.387	3.317	6.6	22.3
2 1	9 40.48	+18 23.4	2.338	3.310	3.2	22.1
2 11	9 31.27	+19 6.3	2.319	3.303	1.4	21.9
2 21	9 22.00	+19 43.9	2.331	3.295	4.6	22.1
3 2	9 13.54	+20 12.9	2.373	3.286	7.9	22.3
3 12	9 6.65	+20 31.4	2.441	3.276	10.9	22.5

164807 1999 JA_{114} — 2 10.2 273.°83 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.64	+12 32.7	1.666	2.448	17.0	20.8
1 12	9 55.60	+13 1.2	1.561	2.429	13.6	20.5
1 22	9 49.66	+13 45.9	1.476	2.410	9.5	20.2
2 1	9 41.22	+14 43.1	1.416	2.390	4.7	19.9
2 11	9 31.21	+15 46.2	1.383	2.370	0.7	19.5
2 21	9 20.90	+16 47.6	1.378	2.350	5.9	19.8
3 2	9 11.69	+17 40.1	1.400	2.329	11.0	20.1
3 12	9 4.80	+18 18.8	1.445	2.309	15.5	20.3

500223 2012 HM_{69} — 2 10.2 196.°34 1.°9/12.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.04	+ 4 54.8	2.427	3.160	13.6	22.3
1 12	9 52.32	+ 5 23.2	2.324	3.157	11.1	22.1
1 22	9 46.66	+ 6 7.3	2.243	3.154	8.0	21.9
2 1	9 39.45	+ 7 5.3	2.189	3.151	4.6	21.7
2 11	9 31.39	+ 8 13.4	2.164	3.147	1.9	21.5
2 21	9 23.25	+ 9 26.4	2.170	3.143	3.9	21.6
3 2	9 15.87	+10 38.8	2.206	3.138	7.4	21.8
3 12	9 9.99	+11 45.5	2.270	3.133	10.6	22.0

432203 2009 DT_{94} — 2 10.2 303.°78 1.°7/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.66	+16 56.3	2.275	3.056	13.0	21.4
1 12	9 51.51	+17 35.1	2.175	3.044	10.2	21.2
1 22	9 46.25	+18 22.8	2.098	3.033	7.0	20.9
2 1	9 39.30	+19 15.2	2.048	3.022	3.5	20.7
2 11	9 31.40	+20 6.9	2.027	3.011	1.9	20.6
2 21	9 23.42	+20 52.7	2.036	3.000	5.1	20.8
3 2	9 16.29	+21 28.4	2.073	2.989	8.7	21.0
3 12	9 10.80	+21 51.4	2.134	2.978	11.9	21.1

416591 2004 LC_2 — 2 10.2 28.°23 19.°1/10.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	14 22.58	+11 25.2	0.205	0.945	94.8	18.3
1 12	12 52.63	+30 4.2	0.228	1.078	59.8	17.6
1 22	11 24.59	+40 14.9	0.291	1.206	35.5	17.7
2 1	10 14.79	+43 20.2	0.383	1.329	22.4	18.1
2 11	9 29.20	+42 56.1	0.500	1.445	19.1	18.8
2 21	9 2.95	+41 16.7	0.635	1.556	20.9	19.5
3 2	8 49.76	+39 17.4	0.788	1.661	23.6	20.2
3 12	8 45.10	+37 18.0	0.955	1.762	25.8	20.8

209151 2003 TT_{29} 2 10.2 329.°14 4.°6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.27	+22 38.1	1.458	2.267	17.7	19.8
1 12	9 57.25	+23 22.6	1.376	2.261	14.0	19.6
1 22	9 50.90	+24 14.6	1.315	2.255	9.8	19.3
2 1	9 41.81	+25 6.0	1.279	2.249	5.8	19.1
2 11	9 31.19	+25 47.3	1.268	2.243	5.0	19.0
2 21	9 20.59	+26 10.9	1.283	2.238	8.6	19.2
3 2	9 11.60	+26 13.0	1.322	2.234	13.0	19.4
3 12	9 5.43	+25 54.2	1.383	2.229	17.1	19.6

408654 2014 MX_{19} 2 10.2 237.°51 3.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.93	+18 2.9	1.675	2.468	16.5	21.3
1 12	9 56.57	+19 6.3	1.584	2.460	13.0	21.0
1 22	9 50.26	+20 22.7	1.514	2.451	8.9	20.7
2 1	9 41.47	+21 45.2	1.469	2.442	4.7	20.5
2 11	9 31.22	+23 4.4	1.453	2.433	3.5	20.4
2 21	9 20.82	+24 11.4	1.465	2.423	7.4	20.6
3 2	9 11.69	+24 59.7	1.503	2.413	11.8	20.8
3 12	9 4.97	+25 27.1	1.563	2.403	15.8	21.0

241726 2000 VE_{7} 2 10.2 193.°60 4.°1/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.08	+22 40.3	1.879	2.667	15.1	20.8
1 12	9 58.66	+23 36.3	1.793	2.665	11.9	20.6
1 22	9 51.43	+24 38.8	1.730	2.663	8.3	20.4
2 1	9 41.94	+25 40.4	1.694	2.661	5.0	20.2
2 11	9 31.20	+26 33.0	1.685	2.658	4.5	20.2
2 21	9 20.47	+27 10.0	1.706	2.654	7.5	20.3
3 2	9 11.03	+27 27.9	1.753	2.650	11.2	20.5
3 12	9 3.89	+27 26.5	1.824	2.646	14.6	20.7

376724 1997 UH_{6} 2 10.2 72.°15 0.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.30	+14 59.3	2.125	2.898	14.1	21.9
1 12	9 54.18	+15 26.2	2.054	2.918	11.0	21.8
1 22	9 47.90	+16 2.1	2.006	2.938	7.4	21.6
2 1	9 40.02	+16 42.9	1.985	2.959	3.6	21.4
2 11	9 31.38	+17 23.6	1.993	2.979	1.1	21.2
2 21	9 22.94	+17 59.4	2.031	2.999	4.7	21.5
3 2	9 15.58	+18 26.8	2.097	3.020	8.3	21.8
3 12	9 10.04	+18 43.7	2.189	3.040	11.4	22.0

406232 2007 BZ_{54} 2 10.2 74.°57 0.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.53	+10 13.1	1.780	2.552	16.4	21.7
1 12	9 54.10	+10 40.5	1.703	2.564	13.1	21.5
1 22	9 48.15	+11 23.3	1.646	2.575	9.1	21.2
2 1	9 40.26	+12 18.0	1.615	2.587	4.6	21.0
2 11	9 31.36	+13 18.4	1.612	2.599	0.5	20.7
2 21	9 22.58	+14 18.1	1.638	2.611	4.9	21.1
3 2	9 15.01	+15 10.8	1.691	2.622	9.2	21.3
3 12	9 9.51	+15 52.6	1.768	2.634	13.0	21.6

146512 2001 SM_{92} 2 10.2 208.°53 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.00	+13 54.5	2.055	2.823	14.6	21.7
1 12	9 55.85	+14 11.9	1.959	2.820	11.6	21.5
1 22	9 49.30	+14 39.7	1.886	2.816	8.0	21.3
2 1	9 40.84	+15 14.6	1.839	2.812	3.9	21.0
2 11	9 31.31	+15 51.6	1.821	2.807	0.6	20.8
2 21	9 21.75	+16 25.7	1.832	2.802	4.9	21.1
3 2	9 13.23	+16 52.9	1.872	2.797	8.9	21.3
3 12	9 6.62	+17 10.2	1.938	2.792	12.5	21.5

227872 2007 EP_{8} 2 10.2 217.°05 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.80	+13 27.1	1.990	2.764	14.9	20.9
1 12	9 54.18	+13 50.2	1.899	2.763	11.8	20.7
1 22	9 48.17	+14 24.8	1.830	2.762	8.1	20.5
2 1	9 40.28	+15 7.3	1.787	2.761	3.9	20.2
2 11	9 31.37	+15 52.4	1.773	2.760	0.6	20.0
2 21	9 22.44	+16 34.7	1.788	2.758	4.9	20.3
3 2	9 14.56	+17 9.5	1.831	2.757	9.0	20.5
3 12	9 8.60	+17 33.7	1.898	2.756	12.6	20.7

523634 2010 AH_{2} 2 10.2 318.°47 0.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.18	+18 23.0	38.337	39.100	0.9	21.8
1 12	9 34.51	+18 27.7	38.238	39.099	0.7	21.8
1 22	9 33.74	+18 32.7	38.167	39.099	0.5	21.8
2 1	9 32.91	+18 37.8	38.125	39.098	0.2	21.7
2 11	9 32.04	+18 42.8	38.113	39.097	0.1	21.7
2 21	9 31.17	+18 47.6	38.132	39.096	0.3	21.7
3 2	9 30.34	+18 52.0	38.181	39.095	0.6	21.8
3 12	9 29.58	+18 55.9	38.258	39.094	0.8	21.8

518828 2010 CC_{184} 2 10.2 61.°22 7.°0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.19	+29 28.5	1.877	2.679	14.6	20.1
1 12	9 55.60	+31 18.1	1.824	2.699	11.6	20.0
1 22	9 49.27	+33 8.0	1.795	2.719	8.8	19.8
2 1	9 40.83	+34 47.9	1.793	2.739	7.1	19.8
2 11	9 31.34	+36 8.2	1.818	2.759	7.6	19.8
2 21	9 22.05	+37 2.8	1.871	2.779	9.8	20.0
3 2	9 14.17	+37 29.9	1.948	2.800	12.5	20.2
3 12	9 8.59	+37 31.5	2.046	2.820	14.9	20.4

69178 4729 P–L 2 10.2 220.°84 0.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.92	+10 24.8	1.936	2.698	15.6	20.9
1 12	9 56.03	+10 49.1	1.835	2.690	12.6	20.7
1 22	9 49.59	+11 28.3	1.755	2.681	8.8	20.5
2 1	9 41.07	+12 19.5	1.701	2.672	4.5	20.2
2 11	9 31.32	+13 17.3	1.675	2.662	0.5	19.9
2 21	9 21.42	+14 15.6	1.680	2.652	4.9	20.2
3 2	9 12.55	+15 8.3	1.712	2.641	9.3	20.4
3 12	9 5.67	+15 51.0	1.770	2.629	13.3	20.6

496569 2014 YR_{20} 2 10.2 60.°13 2.°2/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.78	+ 9 30.9	1.713	2.475	17.4	21.3
1 12	9 58.14	+ 9 2.1	1.642	2.494	13.9	21.2
1 22	9 50.84	+ 8 46.1	1.591	2.513	9.9	21.0
2 1	9 41.54	+ 8 41.7	1.566	2.532	5.5	20.7
2 11	9 31.29	+ 8 45.9	1.568	2.552	2.2	20.6
2 21	9 21.32	+ 8 55.0	1.599	2.571	5.0	20.8
3 2	9 12.76	+ 9 5.1	1.657	2.591	9.2	21.1
3 12	9 6.48	+ 9 12.8	1.740	2.611	12.9	21.3

29039 4514 T-1 2 10.2 292.°72 7.°0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.84	− 4 49.0	1.816	2.526	18.3	18.5
1 12	9 52.17	− 5 17.1	1.715	2.517	15.7	18.2
1 22	9 47.03	− 5 21.8	1.633	2.508	12.7	18.0
2 1	9 39.84	− 5 0.3	1.572	2.500	9.6	17.8
2 11	9 31.43	− 4 12.9	1.536	2.491	7.3	17.6
2 21	9 22.86	− 3 3.4	1.527	2.483	7.4	17.6
3 2	9 15.26	− 1 38.8	1.544	2.475	10.0	17.8
3 12	9 9.62	− 0 8.1	1.586	2.466	13.4	17.9

101400 1998 UQ_{41} 2 10.2 118.°75 2.°0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.95	+16 53.3	1.995	2.771	14.7	20.8
1 12	9 56.54	+17 41.2	1.920	2.787	11.5	20.6
1 22	9 49.69	+18 38.5	1.869	2.802	7.8	20.4
2 1	9 40.99	+19 39.6	1.844	2.817	3.9	20.2
2 11	9 31.36	+20 37.8	1.848	2.831	2.2	20.1
2 21	9 21.87	+21 27.1	1.882	2.844	5.6	20.4
3 2	9 13.58	+22 3.4	1.944	2.858	9.4	20.6
3 12	9 7.31	+22 25.0	2.031	2.870	12.7	20.9

82385 2001 MV_{21} 2 10.2 115.°58 2.°8/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.18	+20 1.5	2.070	2.848	14.2	20.0
1 12	9 57.40	+20 47.2	1.998	2.865	11.1	19.8
1 22	9 50.22	+21 39.2	1.949	2.882	7.6	19.6
2 1	9 41.22	+22 31.7	1.928	2.899	4.1	19.4
2 11	9 31.35	+23 18.1	1.936	2.914	3.0	19.4
2 21	9 21.66	+23 53.4	1.973	2.930	6.0	19.6
3 2	9 13.18	+24 14.4	2.039	2.944	9.4	19.8
3 12	9 6.73	+24 20.6	2.130	2.959	12.5	20.0

436251 2010 BC_{84} 2 10.2 301.°30 1.°1/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.10	+14 11.9	2.174	2.952	13.6	21.5
1 12	9 51.19	+14 58.6	2.074	2.942	10.8	21.3
1 22	9 46.11	+15 57.4	1.997	2.931	7.3	21.1
2 1	9 39.31	+17 4.0	1.947	2.921	3.5	20.8
2 11	9 31.50	+18 12.6	1.926	2.911	1.3	20.6
2 21	9 23.60	+19 17.1	1.934	2.901	5.0	20.9
3 2	9 16.55	+20 12.0	1.971	2.891	8.8	21.1
3 12	9 11.17	+20 53.9	2.032	2.882	12.2	21.3

110236 2001 SQ_{230} 2 10.2 239.°88 1.°0/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.17	+15 34.7	2.498	3.267	12.3	20.6
1 12	9 52.44	+16 3.8	2.398	3.261	9.7	20.4
1 22	9 46.76	+16 41.1	2.322	3.254	6.6	20.2
2 1	9 39.55	+17 23.3	2.273	3.247	3.2	20.0
2 11	9 31.50	+18 5.9	2.254	3.239	1.2	19.8
2 21	9 23.39	+18 44.4	2.265	3.232	4.4	20.0
3 2	9 16.08	+19 15.3	2.306	3.225	7.8	20.2
3 12	9 10.28	+19 36.3	2.372	3.217	10.9	20.4

278396 2007 PD_{47} 2 10.2 170.°14 1.°5/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.97	+ 6 18.6	2.528	3.266	13.0	21.3
1 12	9 51.38	+ 6 44.9	2.430	3.269	10.5	21.2
1 22	9 45.97	+ 7 25.1	2.356	3.271	7.5	21.0
2 1	9 39.14	+ 8 17.1	2.308	3.272	4.2	20.8
2 11	9 31.54	+ 9 17.2	2.290	3.274	1.6	20.6
2 21	9 23.91	+10 20.7	2.302	3.275	3.7	20.7
3 2	9 17.04	+11 22.8	2.344	3.275	7.0	20.9
3 12	9 11.58	+12 19.2	2.413	3.276	10.1	21.1

406536 2007 VD_{321} 2 10.2 55.°11 3.°8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.23	+19 36.9	1.424	2.231	18.2	21.0
1 12	9 56.91	+20 36.9	1.364	2.247	14.2	20.8
1 22	9 50.41	+21 47.0	1.325	2.265	9.7	20.6
2 1	9 41.46	+22 58.5	1.310	2.282	5.3	20.4
2 11	9 31.34	+24 1.4	1.322	2.300	4.1	20.4
2 21	9 21.53	+24 47.8	1.360	2.318	7.8	20.6
3 2	9 13.43	+25 13.6	1.423	2.337	12.1	20.9
3 12	9 8.05	+25 18.6	1.509	2.355	15.9	21.2

518028 2015 VE_{157} 2 10.2 289.°19 3.°9/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.75	+ 6 6.0	1.497	2.262	19.3	21.3
1 12	9 57.37	+ 5 30.3	1.406	2.256	15.9	21.1
1 22	9 50.89	+ 5 11.5	1.333	2.250	11.8	20.8
2 1	9 41.85	+ 5 10.2	1.283	2.245	7.3	20.5
2 11	9 31.30	+ 5 24.3	1.259	2.239	4.0	20.3
2 21	9 20.62	+ 5 49.8	1.261	2.233	6.2	20.4
3 2	9 11.30	+ 6 20.8	1.290	2.228	10.9	20.7
3 12	9 4.53	+ 6 51.2	1.341	2.222	15.3	20.9

136076 2003 AC_{8} 2 10.2 35.°11 9.°3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.71	+39 11.4	1.971	2.761	14.4	18.6
1 12	9 58.55	+40 34.5	1.917	2.770	12.2	18.5
1 22	9 51.38	+41 49.6	1.885	2.780	10.2	18.4
2 1	9 41.89	+42 47.1	1.878	2.790	9.3	18.3
2 11	9 31.32	+43 19.0	1.897	2.801	9.8	18.4
2 21	9 21.06	+43 21.7	1.940	2.812	11.5	18.5
3 2	9 12.44	+42 55.6	2.007	2.823	13.6	18.6
3 12	9 6.40	+42 5.2	2.094	2.835	15.6	18.8

262339 2006 TR_{43} 2 10.2 156.°22 1.°0/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.08	+14 57.0	1.970	2.744	15.0	21.3
1 12	9 55.98	+15 26.9	1.883	2.748	11.8	21.1
1 22	9 49.42	+16 7.5	1.819	2.752	8.1	20.9
2 1	9 40.93	+16 54.4	1.782	2.755	3.9	20.6
2 11	9 31.41	+17 41.8	1.773	2.758	1.2	20.4
2 21	9 21.92	+18 24.0	1.793	2.761	5.2	20.7
3 2	9 13.56	+18 56.5	1.842	2.764	9.3	21.0
3 12	9 7.21	+19 16.8	1.916	2.766	12.8	21.2

462869 2010 VR_{89} 2 10.2 123.°45 0.°4/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.42	+11 10.9	2.075	2.833	14.8	22.1
1 12	9 55.98	+11 28.6	1.994	2.847	11.8	21.9
1 22	9 49.25	+11 58.3	1.935	2.860	8.1	21.7
2 1	9 40.78	+12 36.8	1.902	2.873	4.1	21.5
2 11	9 31.42	+13 19.5	1.899	2.885	0.5	21.2
2 21	9 22.18	+14 1.4	1.925	2.897	4.4	21.5
3 2	9 14.04	+14 38.1	1.981	2.909	8.3	21.8
3 12	9 7.77	+15 6.3	2.062	2.920	11.7	22.0

170708 2004 BD_{32} 2 10.2 216.°05 1.°3/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.36	+16 19.5	2.367	3.140	12.8	20.4
1 12	9 52.69	+16 54.4	2.273	3.138	10.0	20.2
1 22	9 46.98	+17 37.6	2.203	3.136	6.8	20.0
2 1	9 39.68	+18 25.3	2.161	3.134	3.3	19.8
2 11	9 31.51	+19 12.4	2.148	3.132	1.6	19.6
2 21	9 23.34	+19 54.1	2.164	3.129	4.7	19.9
3 2	9 16.02	+20 26.7	2.210	3.127	8.2	20.1
3 12	9 10.32	+20 48.0	2.281	3.124	11.3	20.3

194050 2001 SF_{105} 2 10.2 108.°08 1.°4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.03	+ 8 55.9	1.724	2.480	17.5	21.4
1 12	9 59.17	+ 9 4.7	1.652	2.502	14.0	21.2
1 22	9 51.59	+ 9 29.1	1.601	2.523	9.8	21.0
2 1	9 41.96	+10 6.1	1.576	2.544	5.2	20.7
2 11	9 31.33	+10 50.5	1.578	2.564	1.4	20.5
2 21	9 20.95	+11 36.5	1.610	2.583	5.0	20.8
3 2	9 11.98	+12 18.4	1.670	2.601	9.3	21.1
3 12	9 5.32	+12 52.1	1.755	2.619	13.1	21.4

212667 2006 UU_{253} 2 10.2 283.°13 0.°1/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.95	+12 16.4	2.446	3.209	12.7	21.1
1 12	9 51.52	+12 35.1	2.344	3.201	10.1	20.9
1 22	9 46.16	+13 3.9	2.266	3.194	7.0	20.7
2 1	9 39.28	+13 40.1	2.214	3.186	3.5	20.5
2 11	9 31.56	+14 19.9	2.192	3.178	0.3	20.2
2 21	9 23.78	+14 59.0	2.200	3.171	4.0	20.5
3 2	9 16.78	+15 33.6	2.236	3.163	7.5	20.7
3 12	9 11.27	+16 0.7	2.299	3.156	10.7	20.9

503528 2016 FO_{17} 2 10.2 150.°23 1.°6/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.06	+17 4.4	2.780	3.547	11.2	21.8
1 12	9 52.09	+17 57.1	2.693	3.555	8.8	21.6
1 22	9 46.37	+18 56.9	2.630	3.562	5.9	21.4
2 1	9 39.32	+19 59.8	2.596	3.569	3.0	21.2
2 11	9 31.56	+21 0.8	2.594	3.575	1.8	21.2
2 21	9 23.82	+21 55.5	2.622	3.581	4.4	21.4
3 2	9 16.82	+22 40.3	2.679	3.587	7.4	21.5
3 12	9 11.19	+23 13.2	2.764	3.592	10.0	21.7

233090 2005 RM_{26} 2 10.2 79.°41 1.°6/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.96	+17 1.6	1.373	2.165	19.5	20.4
1 12	10 2.18	+17 13.0	1.311	2.185	15.3	20.2
1 22	9 53.99	+17 34.8	1.269	2.205	10.4	20.0
2 1	9 43.20	+18 1.2	1.250	2.225	5.1	19.7
2 11	9 31.24	+18 24.8	1.259	2.244	1.8	19.6
2 21	9 19.72	+18 39.8	1.294	2.263	6.6	19.9
3 2	9 10.14	+18 42.8	1.356	2.282	11.5	20.3
3 12	9 3.53	+18 33.1	1.440	2.301	15.7	20.6

170245 2003 QF_{38} 2 10.2 205.°94 0.°4/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.19	+10 36.4	2.035	2.794	15.1	21.4
1 12	9 56.09	+11 3.6	1.935	2.789	12.1	21.2
1 22	9 49.56	+11 44.9	1.857	2.783	8.4	20.9
2 1	9 41.05	+12 37.3	1.806	2.777	4.3	20.7
2 11	9 31.41	+13 35.5	1.783	2.770	0.4	20.4
2 21	9 21.66	+14 33.5	1.790	2.762	4.7	20.7
3 2	9 12.90	+15 25.8	1.827	2.754	9.0	20.9
3 12	9 6.04	+16 8.2	1.888	2.745	12.7	21.1

322036 2010 VE_{36} 2 10.2 147.°01 0.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.24	+11 40.5	2.204	2.960	14.1	21.6
1 12	9 55.75	+12 2.0	2.117	2.970	11.2	21.4
1 22	9 49.07	+12 34.9	2.053	2.979	7.7	21.2
2 1	9 40.70	+13 16.0	2.016	2.987	3.9	21.0
2 11	9 31.45	+14 0.6	2.009	2.995	0.3	20.7
2 21	9 22.26	+14 43.8	2.031	3.002	4.3	21.0
3 2	9 14.08	+15 21.5	2.083	3.009	8.1	21.3
3 12	9 7.67	+15 50.6	2.161	3.015	11.4	21.5

235626 2004 RO_{17} 2 10.2 162.°10 0.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.61	+13 29.0	1.968	2.734	15.3	21.3
1 12	9 57.20	+14 15.2	1.881	2.741	12.0	21.1
1 22	9 50.28	+15 14.4	1.817	2.747	8.2	20.9
2 1	9 41.38	+16 21.8	1.780	2.753	4.0	20.6
2 11	9 31.39	+17 30.6	1.772	2.757	1.2	20.4
2 21	9 21.42	+18 33.9	1.794	2.761	5.3	20.7
3 2	9 12.59	+19 26.3	1.845	2.764	9.4	21.0
3 12	9 5.79	+20 4.7	1.921	2.766	13.0	21.2

33857 2000 HU_{74} 2 10.2 152.°68 0.°0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.16	+11 24.6	1.937	2.698	15.7	20.5
1 12	9 57.61	+11 54.6	1.852	2.707	12.5	20.3
1 22	9 50.53	+12 38.3	1.789	2.716	8.6	20.1
2 1	9 41.49	+13 31.8	1.752	2.724	4.3	19.9
2 11	9 31.39	+14 29.4	1.744	2.731	0.3	19.6
2 21	9 21.35	+15 24.8	1.766	2.737	4.9	19.9
3 2	9 12.48	+16 12.7	1.817	2.743	9.1	20.2
3 12	9 5.66	+16 49.4	1.894	2.748	12.8	20.4

224685 2006 AU_{86} 2 10.2 23.°66 4.°4/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.62	+ 4 18.9	1.522	2.287	19.1	20.0
1 12	9 53.78	+ 3 41.2	1.448	2.296	15.7	19.8
1 22	9 48.16	+ 3 22.2	1.392	2.306	11.7	19.5
2 1	9 40.38	+ 3 22.5	1.360	2.317	7.5	19.3
2 11	9 31.48	+ 3 39.8	1.353	2.329	4.5	19.2
2 21	9 22.72	+ 4 9.6	1.372	2.342	6.0	19.3
3 2	9 15.33	+ 4 46.0	1.416	2.356	9.9	19.6
3 12	9 10.26	+ 5 22.5	1.485	2.370	13.8	19.8

417552 2006 UL_{78} 2 10.2 72.°67 7.°2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 7.74	+31 4.7	1.660	2.455	16.5	21.4
1 12	10 2.51	+32 4.0	1.606	2.476	13.2	21.3
1 22	9 54.03	+33 0.6	1.575	2.497	9.9	21.1
2 1	9 43.16	+33 44.5	1.568	2.518	7.5	21.0
2 11	9 31.26	+34 7.3	1.588	2.539	7.6	21.1
2 21	9 19.88	+34 5.0	1.635	2.560	9.8	21.2
3 2	9 10.41	+33 37.9	1.707	2.580	12.8	21.5
3 12	9 3.78	+32 50.3	1.801	2.601	15.7	21.7

452645 2005 UW_{128} 2 10.2 137.°89 0.°6/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.60	+10 19.9	1.827	2.585	16.6	22.7
1 12	9 58.82	+10 40.3	1.746	2.599	13.2	22.5
1 22	9 51.39	+11 15.2	1.687	2.612	9.2	22.2
2 1	9 41.90	+12 1.3	1.654	2.625	4.7	22.0
2 11	9 31.36	+12 52.8	1.650	2.636	0.7	21.7
2 21	9 20.94	+13 43.7	1.675	2.647	4.9	22.1
3 2	9 11.81	+14 28.4	1.729	2.657	9.3	22.3
3 12	9 4.88	+15 3.2	1.808	2.666	13.1	22.6

79677 1998 SK_{48} 2 10.2 11.°51 1.°3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.55	+15 35.9	1.391	2.196	18.6	19.5
1 12	9 54.98	+15 52.3	1.316	2.197	14.7	19.2
1 22	9 49.26	+16 21.5	1.261	2.200	10.1	19.0
2 1	9 41.01	+16 58.4	1.229	2.204	4.9	18.7
2 11	9 31.43	+17 36.0	1.222	2.208	1.5	18.5
2 21	9 21.97	+18 7.2	1.242	2.213	6.4	18.8
3 2	9 14.08	+18 26.8	1.287	2.219	11.4	19.1
3 12	9 8.85	+18 32.4	1.354	2.226	15.8	19.4

439764 2015 FC_{343} 2 10.2 311.°53 4.°1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.80	+22 35.2	2.116	2.912	13.3	20.8
1 12	9 51.98	+23 44.6	2.020	2.898	10.5	20.6
1 22	9 46.81	+25 1.3	1.948	2.883	7.4	20.4
2 1	9 39.73	+26 18.8	1.903	2.869	4.7	20.2
2 11	9 31.53	+27 29.4	1.886	2.856	4.5	20.2
2 21	9 23.21	+28 26.5	1.897	2.842	7.2	20.3
3 2	9 15.83	+29 5.5	1.936	2.829	10.5	20.5
3 12	9 10.29	+29 25.1	1.998	2.816	13.7	20.6

212466 2006 QA_{41} 2 10.2 79.°59 2.°3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.88	+20 46.6	2.312	3.090	12.9	20.5
1 12	9 55.39	+21 6.6	2.232	3.099	10.1	20.4
1 22	9 48.75	+21 30.7	2.175	3.108	6.9	20.2
2 1	9 40.51	+21 54.7	2.146	3.117	3.7	20.0
2 11	9 31.49	+22 13.8	2.146	3.126	2.5	19.9
2 21	9 22.60	+22 24.5	2.176	3.135	5.2	20.1
3 2	9 14.77	+22 24.7	2.234	3.144	8.5	20.3
3 12	9 8.70	+22 13.9	2.318	3.153	11.4	20.5

34744 2001 QS_{86} 2 10.2 196.°15 2.°2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.79	+ 8 20.5	2.191	2.930	14.7	18.6
1 12	9 57.84	+ 7 56.4	2.091	2.928	11.9	18.4
1 22	9 50.58	+ 7 43.2	2.012	2.926	8.6	18.1
2 1	9 41.50	+ 7 39.9	1.960	2.923	5.0	17.9
2 11	9 31.40	+ 7 44.5	1.937	2.920	2.3	17.7
2 21	9 21.27	+ 7 54.2	1.945	2.916	4.5	17.9
3 2	9 12.12	+ 8 5.8	1.982	2.912	8.2	18.1
3 12	9 4.79	+ 8 16.0	2.046	2.907	11.7	18.3

133990 2004 TZ_{356} 2 10.2 104.°13 1.°0/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.00	+ 6 54.8	2.044	2.799	15.1	19.8
1 12	9 51.89	+ 7 44.1	1.954	2.804	12.1	19.6
1 22	9 46.59	+ 8 51.5	1.887	2.809	8.5	19.4
2 1	9 39.55	+10 13.6	1.845	2.814	4.5	19.2
2 11	9 31.56	+11 44.4	1.832	2.818	1.0	18.9
2 21	9 23.56	+13 16.6	1.850	2.823	4.4	19.2
3 2	9 16.50	+14 43.0	1.896	2.828	8.4	19.4
3 12	9 11.20	+15 58.2	1.969	2.832	12.0	19.7

407550 2010 WK_{71} 2 10.2 131.°01 1.°8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.81	+18 1.9	2.350	3.115	13.1	21.3
1 12	9 57.57	+18 36.6	2.273	3.133	10.3	21.1
1 22	9 50.19	+19 17.8	2.220	3.150	6.9	20.9
2 1	9 41.20	+20 0.9	2.194	3.167	3.5	20.7
2 11	9 31.43	+20 40.6	2.200	3.182	2.0	20.7
2 21	9 21.82	+21 12.7	2.236	3.197	5.0	20.9
3 2	9 13.27	+21 34.2	2.301	3.211	8.3	21.1
3 12	9 6.51	+21 43.9	2.393	3.225	11.2	21.3

168300 1217 T_{-2} 2 10.2 44.°20 1.°9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.69	+18 4.7	1.968	2.754	14.6	19.9
1 12	9 53.99	+18 32.9	1.897	2.769	11.4	19.7
1 22	9 47.96	+19 8.6	1.848	2.784	7.7	19.5
2 1	9 40.16	+19 46.8	1.826	2.799	3.8	19.3
2 11	9 31.53	+20 22.0	1.832	2.815	2.1	19.2
2 21	9 23.07	+20 49.3	1.867	2.831	5.4	19.5
3 2	9 15.80	+21 5.5	1.929	2.847	9.1	19.7
3 12	9 10.48	+21 9.5	2.015	2.864	12.4	19.9

364366 2006 UM_{302} 2 10.2 184.°33 0.°6/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.69	+ 9 56.6	2.206	2.957	14.3	23.2
1 12	9 55.43	+10 21.2	2.109	2.958	11.4	23.0
1 22	9 48.94	+10 59.0	2.035	2.958	8.0	22.8
2 1	9 40.70	+11 47.1	1.987	2.957	4.1	22.5
2 11	9 31.48	+12 40.9	1.969	2.956	0.6	22.2
2 21	9 22.21	+13 35.2	1.981	2.953	4.3	22.5
3 2	9 13.87	+14 24.9	2.023	2.951	8.2	22.8
3 12	9 7.28	+15 6.2	2.091	2.947	11.7	23.0

33737 Helenlyons 2 10.2 240.°52 1.°9/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.44	+17 26.6	2.299	3.073	13.1	19.4
1 12	9 54.54	+18 10.2	2.195	3.060	10.3	19.2
1 22	9 48.41	+19 2.7	2.114	3.047	7.1	19.0
2 1	9 40.48	+19 59.7	2.060	3.033	3.6	18.7
2 11	9 31.49	+20 55.4	2.036	3.018	2.2	18.6
2 21	9 22.37	+21 44.1	2.042	3.004	5.4	18.8
3 2	9 14.10	+22 21.6	2.077	2.988	9.0	19.0
3 12	9 7.54	+22 45.6	2.137	2.973	12.2	19.1

109714 2001 RL_{48} 2 10.2 216.°06 4.°4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.50	− 2 55.9	2.588	3.282	13.7	19.5
1 12	9 50.24	− 2 53.5	2.483	3.279	11.6	19.4
1 22	9 45.22	− 2 33.4	2.398	3.276	9.1	19.2
2 1	9 38.82	− 1 55.4	2.339	3.272	6.5	19.0
2 11	9 31.64	− 1 1.3	2.307	3.269	4.6	18.9
2 21	9 24.40	+ 0 5.3	2.305	3.265	4.9	18.9
3 2	9 17.85	+ 1 19.4	2.332	3.261	7.2	19.0
3 12	9 12.64	+ 2 35.3	2.386	3.257	9.8	19.2

397991 2009 BH_{110} 2 10.2 52.°25 0.°0/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.80	+10 48.2	2.338	3.102	13.2	21.1
1 12	9 50.67	+11 31.5	2.247	3.104	10.5	20.9
1 22	9 45.60	+12 27.5	2.178	3.106	7.2	20.7
2 1	9 39.02	+13 33.0	2.136	3.109	3.6	20.5
2 11	9 31.62	+14 42.7	2.124	3.111	0.3	20.2
2 21	9 24.21	+15 51.0	2.143	3.114	4.1	20.5
3 2	9 17.62	+16 52.9	2.190	3.116	7.7	20.7
3 12	9 12.55	+17 44.5	2.263	3.119	10.9	20.9

328627 2009 SW_{170} 2 10.2 109.°73 5.°7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.39	+29 26.6	2.122	2.907	13.7	21.2
1 12	9 59.26	+30 25.2	2.058	2.923	10.9	21.1
1 22	9 51.56	+31 23.0	2.016	2.938	8.1	20.9
2 1	9 41.93	+32 12.4	2.002	2.954	6.0	20.8
2 11	9 31.39	+32 46.4	2.016	2.968	6.0	20.9
2 21	9 21.11	+33 1.1	2.059	2.983	8.1	21.0
3 2	9 12.19	+32 55.2	2.128	2.997	10.8	21.2
3 12	9 5.46	+32 30.8	2.220	3.011	13.4	21.4

163158 2002 CS_{136} 2 10.2 331.°84 4.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.56	+ 3 11.1	1.486	2.247	19.6	20.0
1 12	9 54.84	+ 2 45.7	1.398	2.243	16.3	19.8
1 22	9 49.15	+ 2 41.3	1.328	2.240	12.3	19.5
2 1	9 41.01	+ 2 59.0	1.280	2.237	7.9	19.2
2 11	9 31.46	+ 3 36.2	1.257	2.234	4.7	19.0
2 21	9 21.81	+ 4 27.8	1.260	2.232	6.4	19.1
3 2	9 13.47	+ 5 26.1	1.290	2.229	10.7	19.4
3 12	9 7.57	+ 6 23.4	1.342	2.227	15.0	19.6

155034 2005 QJ_{127} 2 10.2 10.°58 4.°6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.53	+25 10.8	1.243	2.062	19.6	19.3
1 12	10 0.12	+25 7.5	1.177	2.065	15.6	19.1
1 22	9 52.94	+25 4.9	1.130	2.070	10.9	18.8
2 1	9 42.82	+24 55.7	1.105	2.076	6.3	18.6
2 11	9 31.32	+24 32.9	1.105	2.084	4.8	18.5
2 21	9 20.27	+23 53.0	1.131	2.093	8.5	18.8
3 2	9 11.34	+22 56.5	1.180	2.103	13.2	19.0
3 12	9 5.65	+21 46.9	1.251	2.115	17.3	19.3

463842 2014 TN_{79} 2 10.2 1.°47 1.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.62	+18 1.8	1.484	2.284	17.9	20.7
1 12	9 57.27	+18 5.9	1.404	2.283	14.2	20.4
1 22	9 50.78	+18 18.6	1.344	2.282	9.7	20.2
2 1	9 41.76	+18 35.1	1.308	2.282	4.8	19.9
2 11	9 31.41	+18 49.1	1.298	2.283	2.0	19.7
2 21	9 21.16	+18 55.3	1.315	2.284	6.5	20.0
3 2	9 12.48	+18 50.3	1.358	2.286	11.3	20.3
3 12	9 6.45	+18 33.1	1.423	2.289	15.5	20.5

234815 2002 QN_{114} 2 10.2 112.°74 2.°9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.96	+ 2 28.7	2.337	3.064	14.2	21.0
1 12	9 51.50	+ 2 42.8	2.246	3.072	11.7	20.8
1 22	9 46.12	+ 3 13.4	2.177	3.080	8.7	20.6
2 1	9 39.27	+ 3 59.4	2.133	3.088	5.4	20.4
2 11	9 31.63	+ 4 57.5	2.118	3.096	3.0	20.3
2 21	9 24.02	+ 6 3.0	2.133	3.104	4.2	20.4
3 2	9 17.23	+ 7 10.4	2.177	3.111	7.3	20.6
3 12	9 11.97	+ 8 14.6	2.248	3.119	10.4	20.8

472404 2015 BP_{240} 2 10.2 329.°97 1.°7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.83	+ 9 32.3	1.962	2.724	15.4	21.2
1 12	9 54.26	+ 9 19.7	1.867	2.720	12.5	21.0
1 22	9 48.30	+ 9 19.2	1.792	2.715	8.9	20.7
2 1	9 40.44	+ 9 29.5	1.744	2.711	4.9	20.5
2 11	9 31.53	+ 9 47.5	1.723	2.707	1.7	20.3
2 21	9 22.59	+10 9.3	1.730	2.704	4.6	20.5
3 2	9 14.68	+10 30.8	1.766	2.700	8.7	20.7
3 12	9 8.67	+10 48.3	1.827	2.697	12.4	20.9

337193 1999 VY_{198} 2 10.2 109.°43 1.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.32	+ 8 11.1	1.567	2.333	18.6	21.1
1 12	9 58.19	+ 8 43.6	1.496	2.352	14.8	20.9
1 22	9 51.15	+ 9 35.6	1.445	2.370	10.4	20.6
2 1	9 41.86	+10 43.1	1.418	2.388	5.4	20.4
2 11	9 31.43	+11 58.7	1.419	2.405	1.0	20.1
2 21	9 21.19	+13 14.2	1.448	2.422	5.3	20.5
3 2	9 12.43	+14 21.8	1.505	2.438	10.1	20.8
3 12	9 6.14	+15 16.5	1.586	2.453	14.2	21.1

147978 1995 SA_{34} 2 10.2 147.°21 0.°5/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.72	+10 29.1	2.819	3.566	11.6	21.7
1 12	9 51.74	+10 50.7	2.726	3.573	9.2	21.6
1 22	9 46.10	+11 22.0	2.658	3.580	6.4	21.4
2 1	9 39.20	+12 0.4	2.618	3.587	3.3	21.2
2 11	9 31.65	+12 42.7	2.607	3.594	0.5	21.0
2 21	9 24.13	+13 25.2	2.628	3.600	3.4	21.2
3 2	9 17.32	+14 4.3	2.679	3.606	6.5	21.4
3 12	9 11.80	+14 37.4	2.757	3.611	9.2	21.6

467299 2016 EY_{198} 2 10.2 11.°11 1.°8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.84	+15 53.6	1.607	2.404	16.9	21.2
1 12	9 54.05	+16 32.6	1.527	2.405	13.3	21.0
1 22	9 48.45	+17 24.4	1.468	2.406	9.1	20.7
2 1	9 40.60	+18 23.4	1.434	2.408	4.4	20.5
2 11	9 31.53	+19 21.7	1.426	2.411	2.1	20.3
2 21	9 22.50	+20 12.1	1.446	2.413	6.3	20.6
3 2	9 14.80	+20 49.0	1.492	2.417	10.8	20.9
3 12	9 9.44	+21 9.6	1.561	2.420	14.8	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
193923	2001 QY_{291}		2 10.2	142.°66	0.°3/10.5	18
	h m	° ′			°	m
1 2	10 3.56	+11 24.5	1.905	2.664	16.0	21.0
1 12	9 58.71	+11 44.3	1.823	2.676	12.7	20.8
1 22	9 51.29	+12 17.3	1.762	2.688	8.8	20.6
2 1	9 41.88	+12 59.8	1.728	2.699	4.4	20.3
2 11	9 31.44	+13 46.5	1.723	2.710	0.4	20.0
2 21	9 21.10	+14 31.6	1.748	2.719	4.8	20.4
3 2	9 12.01	+15 10.2	1.801	2.728	9.1	20.7
3 12	9 5.03	+15 39.1	1.880	2.736	12.8	20.9
212412	2006 KN_{56}		2 10.2	160.°29	0.°7/ 9.7	18
1 2	10 0.99	+13 27.2	2.117	2.880	14.4	21.7
1 12	9 56.52	+14 5.6	2.030	2.887	11.4	21.5
1 22	9 49.72	+14 55.5	1.965	2.894	7.8	21.3
2 1	9 41.10	+15 52.8	1.927	2.900	3.8	21.1
2 11	9 31.51	+16 51.6	1.919	2.905	0.9	20.9
2 21	9 21.94	+17 46.1	1.941	2.909	4.8	21.2
3 2	9 13.41	+18 31.5	1.992	2.913	8.7	21.4
3 12	9 6.76	+19 5.0	2.069	2.916	12.2	21.6
256286	2006 WC_{116}		2 10.2	100.°01	1.°9/11.7	18
1 2	9 58.89	+ 6 46.0	1.910	2.662	16.2	20.3
1 12	9 54.98	+ 6 58.0	1.831	2.677	13.0	20.1
1 22	9 48.70	+ 7 26.1	1.773	2.691	9.3	19.9
2 1	9 40.59	+ 8 8.4	1.741	2.706	5.2	19.7
2 11	9 31.56	+ 9 0.2	1.736	2.720	2.0	19.5
2 21	9 22.64	+ 9 55.8	1.761	2.734	4.6	19.7
3 2	9 14.86	+10 49.5	1.813	2.747	8.5	20.0
3 12	9 9.04	+11 36.5	1.892	2.760	12.1	20.2
265355	2004 RF_{83}		2 10.2	153.°79	1.°1/ 9.4	18
1 2	9 59.64	+15 53.5	2.193	2.963	13.8	21.2
1 12	9 55.38	+16 18.1	2.105	2.967	10.8	21.0
1 22	9 48.89	+16 51.3	2.040	2.972	7.4	20.7
2 1	9 40.68	+17 29.0	2.002	2.975	3.6	20.5
2 11	9 31.55	+18 6.4	1.994	2.979	1.3	20.3
2 21	9 22.48	+18 38.6	2.015	2.982	4.8	20.6
3 2	9 14.42	+19 2.2	2.065	2.985	8.5	20.8
3 12	9 8.16	+19 15.2	2.141	2.988	11.8	21.0
194345	2001 UR_{154}		2 10.2	70.°06	4.°2/12.9	18
1 2	9 58.56	+ 2 54.5	1.472	2.231	19.9	20.0
1 12	9 55.49	+ 2 44.1	1.395	2.240	16.4	19.8
1 22	9 49.49	+ 2 56.5	1.336	2.249	12.2	19.5
2 1	9 41.13	+ 3 31.6	1.300	2.258	7.7	19.3
2 11	9 31.52	+ 4 25.5	1.289	2.267	4.3	19.1
2 21	9 21.99	+ 5 31.4	1.305	2.277	6.0	19.2
3 2	9 13.87	+ 6 40.9	1.346	2.286	10.3	19.5
3 12	9 8.22	+ 7 46.0	1.412	2.295	14.5	19.8
129673	1998 RN_{27}		2 10.2	152.°41	4.°0/14.4	18
1 2	9 55.30	− 1 49.9	2.536	3.234	13.9	20.8
1 12	9 51.64	− 1 39.8	2.439	3.240	11.6	20.6
1 22	9 46.16	− 1 12.0	2.363	3.246	9.0	20.4
2 1	9 39.30	− 0 26.8	2.312	3.252	6.2	20.3
2 11	9 31.68	+ 0 33.5	2.290	3.257	4.2	20.1
2 21	9 24.05	+ 1 44.6	2.298	3.262	4.6	20.2
3 2	9 17.17	+ 3 1.1	2.336	3.266	7.1	20.3
3 12	9 11.70	+ 4 17.5	2.401	3.270	9.9	20.5
362511	2010 TP_{84}		2 10.2	237.°48	1.°5/ 9.2	16
1 2	10 0.76	+15 59.8	1.972	2.747	14.9	22.0
1 12	9 56.76	+16 32.6	1.870	2.735	11.9	21.8
1 22	9 50.18	+17 16.2	1.790	2.723	8.1	21.5
2 1	9 41.46	+18 6.2	1.737	2.710	4.0	21.2
2 11	9 31.49	+18 56.2	1.712	2.697	1.7	21.0
2 21	9 21.37	+19 40.2	1.717	2.683	5.6	21.3
3 2	9 12.28	+20 13.3	1.750	2.669	9.9	21.5
3 12	9 5.22	+20 32.9	1.807	2.654	13.6	21.7
460179	2014 QL_{59}		2 10.2	49.°68	0.°9/10.9	18
1 2	9 56.94	+ 5 44.1	1.377	2.155	20.1	20.7
1 12	9 54.16	+ 6 54.7	1.322	2.185	16.0	20.5
1 22	9 48.44	+ 8 30.6	1.286	2.215	11.1	20.3
2 1	9 40.52	+10 25.4	1.275	2.246	5.7	20.0
2 11	9 31.59	+12 28.2	1.290	2.277	0.9	19.8
2 21	9 22.98	+14 26.9	1.334	2.308	5.5	20.2
3 2	9 15.96	+16 11.3	1.404	2.339	10.4	20.5
3 12	9 11.43	+17 35.2	1.498	2.371	14.5	20.9
49485	1999 BL_{16}		2 10.2	324.°65	4.°8/ 7.2	18
1 2	10 1.16	+26 21.0	1.844	2.641	15.0	18.3
1 12	9 57.37	+26 48.2	1.751	2.626	12.0	18.0
1 22	9 50.71	+27 17.0	1.680	2.612	8.6	17.8
2 1	9 41.74	+27 40.8	1.634	2.598	5.6	17.6
2 11	9 31.48	+27 52.5	1.615	2.585	5.1	17.5
2 21	9 21.22	+27 47.4	1.625	2.572	7.9	17.7
3 2	9 12.26	+27 23.5	1.660	2.560	11.5	17.8
3 12	9 5.66	+26 42.2	1.718	2.549	15.0	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
229996	2000 CS_{17}		2 10.2	327.°76	0.°4/10.5	18
	h m	° ′			°	m
1 2	9 53.66	+ 9 18.0	1.232	2.036	20.6	20.1
1 12	9 52.50	+ 9 51.7	1.146	2.025	16.6	19.8
1 22	9 48.01	+10 50.5	1.077	2.015	11.7	19.5
2 1	9 40.66	+12 10.9	1.031	2.005	6.0	19.1
2 11	9 31.56	+13 44.4	1.009	1.996	0.5	18.7
2 21	9 22.25	+15 19.3	1.012	1.987	6.6	19.1
3 2	9 14.42	+16 44.2	1.039	1.980	12.5	19.4
3 12	9 9.44	+17 50.8	1.088	1.973	17.7	19.7
57460	2001 SA_{75}		2 10.3	272.°28	2.°3/ 9.0	18
1 2	10 3.33	+18 27.2	1.501	2.296	17.9	19.4
1 12	9 59.58	+18 44.6	1.413	2.289	14.3	19.2
1 22	9 52.54	+19 11.5	1.344	2.282	9.8	18.9
2 1	9 42.76	+19 42.4	1.300	2.274	5.0	18.6
2 11	9 31.41	+20 9.8	1.283	2.267	2.6	18.4
2 21	9 20.02	+20 27.1	1.293	2.260	7.0	18.6
3 2	9 10.16	+20 30.4	1.329	2.252	11.9	18.9
3 12	9 3.06	+20 18.5	1.387	2.245	16.3	19.1
83135	2001 QC_{261}		2 10.3	22.°76	4.°1/13.8	18
1 2	9 54.43	+ 0 29.0	2.291	3.011	14.7	19.7
1 12	9 51.20	+ 0 18.3	2.195	3.012	12.2	19.5
1 22	9 46.00	+ 0 24.3	2.119	3.013	9.4	19.3
2 1	9 39.27	+ 0 47.0	2.068	3.014	6.4	19.2
2 11	9 31.71	+ 1 24.5	2.045	3.015	4.2	19.0
2 21	9 24.11	+ 2 13.2	2.051	3.016	4.9	19.1
3 2	9 17.34	+ 3 8.3	2.085	3.018	7.7	19.2
3 12	9 12.09	+ 4 4.3	2.145	3.019	10.7	19.4
54758	2001 KP_{59}		2 10.3	161.°38	5.°0/14.5	18
1 2	9 59.15	− 2 20.4	2.385	3.076	14.8	19.5
1 12	9 54.77	− 2 41.0	2.289	3.083	12.5	19.3
1 22	9 48.38	− 2 44.6	2.213	3.089	9.9	19.1
2 1	9 40.43	− 2 30.3	2.162	3.094	7.1	18.9
2 11	9 31.61	− 1 59.3	2.139	3.099	5.1	18.8
2 21	9 22.79	− 1 14.6	2.146	3.103	5.5	18.9
3 2	9 14.80	− 0 21.0	2.182	3.106	7.9	19.0
3 12	9 8.39	+ 0 36.1	2.244	3.109	10.6	19.2
268319	2005 QR_{166}		2 10.3	204.°04	5.°6/15.5	18
1 2	9 57.97	− 6 25.5	3.130	3.779	12.3	21.1
1 12	9 53.41	− 7 13.0	3.019	3.774	10.7	21.0
1 22	9 47.24	− 7 47.3	2.929	3.769	8.8	20.8
2 1	9 39.82	− 8 6.6	2.864	3.764	7.0	20.7
2 11	9 31.67	− 8 10.6	2.828	3.758	5.8	20.6
2 21	9 23.43	− 8 0.1	2.821	3.752	5.9	20.6
3 2	9 15.76	− 7 37.5	2.843	3.745	7.2	20.7
3 12	9 9.26	− 7 6.5	2.892	3.738	9.1	20.8
113432	2002 SO_{39}		2 10.3	29.°77	0.°5/ 9.9	18
1 2	9 55.64	+13 30.2	1.680	2.469	16.5	19.5
1 12	9 52.78	+13 54.5	1.611	2.484	13.0	19.3
1 22	9 47.36	+14 31.7	1.563	2.499	8.9	19.1
2 1	9 39.98	+15 17.2	1.540	2.514	4.3	18.8
2 11	9 31.66	+16 4.7	1.544	2.531	0.8	18.6
2 21	9 23.52	+16 48.2	1.576	2.548	5.2	19.0
3 2	9 16.67	+17 22.6	1.635	2.566	9.5	19.2
3 12	9 11.96	+17 45.0	1.717	2.584	13.2	19.5
161250	2003 EL_{20}		2 10.3	252.°84	1.°6/ 9.2	18
1 2	10 2.72	+16 17.4	1.773	2.552	16.2	20.6
1 12	9 58.74	+16 43.5	1.667	2.535	12.9	20.3
1 22	9 51.81	+17 21.0	1.583	2.517	8.9	20.0
2 1	9 42.40	+18 5.3	1.524	2.498	4.4	19.7
2 11	9 31.44	+18 49.7	1.494	2.479	1.8	19.5
2 21	9 20.23	+19 27.5	1.492	2.459	6.2	19.7
3 2	9 10.15	+19 53.6	1.518	2.439	10.9	19.9
3 12	9 2.39	+20 5.2	1.567	2.418	15.1	20.1
465065	2006 SF_{107}		2 10.3	169.°70	0.°9/ 9.2	17
1 2	9 56.92	+16 34.4	3.231	3.987	10.0	22.7
1 12	9 52.49	+17 1.0	3.136	3.992	7.9	22.5
1 22	9 46.53	+17 32.9	3.067	3.995	5.3	22.4
2 1	9 39.42	+18 7.4	3.026	3.999	2.6	22.2
2 11	9 31.71	+18 41.1	3.017	4.001	1.1	22.1
2 21	9 24.02	+19 11.0	3.039	4.004	3.6	22.3
3 2	9 16.97	+19 34.6	3.092	4.005	6.3	22.4
3 12	9 11.11	+19 50.3	3.172	4.007	8.7	22.6
216199	2006 UR_{7}		2 10.3	133.°60	4.°0/13.5	18
1 2	9 58.27	+ 0 45.1	2.071	2.791	16.0	21.1
1 12	9 54.37	+ 0 45.0	1.983	2.801	13.3	20.9
1 22	9 48.25	+ 1 3.7	1.915	2.811	10.0	20.7
2 1	9 40.40	+ 1 40.9	1.872	2.821	6.6	20.5
2 11	9 31.63	+ 2 33.7	1.857	2.830	4.1	20.4
2 21	9 22.90	+ 3 37.2	1.871	2.838	5.1	20.4
3 2	9 15.15	+ 4 45.3	1.914	2.847	8.2	20.7
3 12	9 9.20	+ 5 51.7	1.983	2.854	11.5	20.9

81389 2000 GR_{78} 2 10.3 175.°70 1.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.58	+16 50.7	2.401	3.166	12.9	20.7
1 12	9 55.97	+17 25.7	2.308	3.169	10.1	20.5
1 22	9 49.24	+18 8.5	2.240	3.171	6.9	20.3
2 1	9 40.87	+18 54.8	2.200	3.172	3.4	20.0
2 11	9 31.61	+19 39.7	2.189	3.173	1.7	19.9
2 21	9 22.36	+20 18.4	2.210	3.173	4.8	20.1
3 2	9 14.02	+20 47.4	2.260	3.173	8.2	20.4
3 12	9 7.37	+21 4.9	2.336	3.172	11.3	20.5

89556 2001 XS_{98} 2 10.3 98.°68 0.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.53	+11 8.4	1.624	2.394	17.8	19.8
1 12	9 59.01	+11 22.8	1.555	2.414	14.2	19.6
1 22	9 51.65	+11 52.0	1.505	2.433	9.8	19.4
2 1	9 42.11	+12 32.1	1.481	2.452	4.9	19.1
2 11	9 31.51	+13 17.2	1.484	2.471	0.6	18.8
2 21	9 21.16	+14 0.8	1.516	2.489	5.2	19.2
3 2	9 12.31	+14 37.7	1.575	2.506	9.8	19.5
3 12	9 5.88	+15 4.2	1.659	2.523	13.8	19.8

324454 2006 TV_{124} 2 10.3 146.°55 8.°4/ 4.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 8.18	+35 18.8	1.821	2.609	15.5	20.6
1 12	10 3.07	+36 24.1	1.751	2.611	12.8	20.5
1 22	9 54.67	+37 24.7	1.704	2.613	10.2	20.3
2 1	9 43.67	+38 10.2	1.681	2.615	8.6	20.2
2 11	9 31.40	+38 31.7	1.685	2.617	8.9	20.2
2 21	9 19.40	+38 24.7	1.715	2.618	10.9	20.3
3 2	9 9.17	+37 49.5	1.770	2.620	13.6	20.5
3 12	9 1.78	+36 50.6	1.846	2.621	16.3	20.7

320328 2007 TY_{64} 2 10.3 125.°43 0.°7/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.47	+ 9 43.2	1.963	2.718	15.7	21.8
1 12	9 56.97	+10 6.5	1.884	2.734	12.5	21.6
1 22	9 50.06	+10 43.9	1.826	2.750	8.7	21.4
2 1	9 41.29	+11 32.3	1.795	2.765	4.5	21.2
2 11	9 31.60	+12 26.3	1.793	2.779	0.8	20.9
2 21	9 22.02	+13 20.2	1.820	2.792	4.6	21.2
3 2	9 13.61	+14 8.6	1.876	2.805	8.6	21.5
3 12	9 7.19	+14 47.7	1.958	2.817	12.2	21.7

205847 2002 ED_{46} 2 10.3 22.°98 4.°1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.83	+ 4 52.2	1.136	1.931	22.5	19.6
1 12	9 53.28	+ 4 31.5	1.072	1.940	18.5	19.3
1 22	9 48.34	+ 4 36.1	1.025	1.950	13.6	19.1
2 1	9 40.69	+ 5 5.6	0.997	1.962	8.3	18.8
2 11	9 31.64	+ 5 55.3	0.993	1.975	4.2	18.6
2 21	9 22.78	+ 6 56.8	1.013	1.989	6.6	18.8
3 2	9 15.68	+ 8 0.5	1.057	2.004	11.6	19.1
3 12	9 11.47	+ 8 57.5	1.122	2.020	16.2	19.5

210119 2006 RM_{31} 2 10.3 146.°86 0.°6/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.52	+14 38.5	2.882	3.640	11.1	21.4
1 12	9 52.36	+15 4.6	2.793	3.648	8.7	21.2
1 22	9 46.53	+15 37.8	2.727	3.656	5.9	21.1
2 1	9 39.46	+16 15.3	2.690	3.663	2.9	20.9
2 11	9 31.75	+16 53.3	2.684	3.670	0.7	20.7
2 21	9 24.07	+17 28.3	2.709	3.677	3.7	20.9
3 2	9 17.12	+17 57.4	2.763	3.683	6.7	21.1
3 12	9 11.48	+18 18.6	2.845	3.689	9.3	21.3

373990 2004 BE_{14} 2 10.3 23.°67 1.°4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.04	+16 31.9	1.553	2.353	17.2	20.6
1 12	9 54.11	+16 46.1	1.487	2.366	13.5	20.4
1 22	9 48.38	+17 10.3	1.442	2.381	9.2	20.2
2 1	9 40.53	+17 39.7	1.421	2.396	4.4	20.0
2 11	9 31.67	+18 8.1	1.427	2.413	1.6	19.8
2 21	9 23.06	+18 29.9	1.460	2.430	5.8	20.1
3 2	9 15.92	+18 41.3	1.519	2.448	10.2	20.4
3 12	9 11.12	+18 40.6	1.601	2.468	14.0	20.7

292532 2006 TO_{44} 2 10.3 152.°97 0.°2/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.67	+11 57.9	2.963	3.712	11.0	22.1
1 12	9 51.65	+12 18.3	2.869	3.718	8.7	21.9
1 22	9 46.03	+12 46.9	2.800	3.724	6.0	21.8
2 1	9 39.22	+13 21.5	2.759	3.730	3.0	21.6
2 11	9 31.78	+13 58.6	2.749	3.735	0.2	21.3
2 21	9 24.36	+14 35.1	2.769	3.740	3.3	21.6
3 2	9 17.62	+15 7.7	2.820	3.745	6.3	21.8
3 12	9 12.11	+15 34.2	2.899	3.749	8.9	22.0

120741 Iijimayuichi 2 10.3 110.°33 1.°2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.88	+ 7 59.7	2.162	2.907	14.7	21.0
1 12	9 55.43	+ 8 23.3	2.085	2.928	11.7	20.8
1 22	9 48.84	+ 9 0.9	2.030	2.949	8.3	20.7
2 1	9 40.65	+ 9 49.8	2.002	2.969	4.4	20.5
2 11	9 31.67	+10 45.2	2.003	2.989	1.2	20.3
2 21	9 22.82	+11 41.8	2.035	3.008	4.1	20.5
3 2	9 15.02	+12 34.7	2.096	3.026	7.8	20.8
3 12	9 8.99	+13 20.0	2.184	3.044	11.1	21.0

200869 2001 YV_{84} 2 10.3 41.°40 3.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.15	+ 7 33.7	1.337	2.116	20.6	19.4
1 12	9 57.81	+ 6 59.1	1.265	2.125	16.7	19.1
1 22	9 51.22	+ 6 42.3	1.211	2.135	12.1	18.9
2 1	9 42.05	+ 6 43.0	1.180	2.145	7.1	18.6
2 11	9 31.55	+ 6 58.0	1.173	2.156	3.4	18.4
2 21	9 21.22	+ 7 22.1	1.193	2.167	6.1	18.6
3 2	9 12.55	+ 7 49.2	1.238	2.178	10.9	18.9
3 12	9 6.65	+ 8 13.6	1.305	2.190	15.4	19.2

211879 2004 HZ_{55} 2 10.3 228.°37 1.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.66	+15 2.1	2.809	3.574	11.2	20.7
1 12	9 51.13	+15 55.4	2.705	3.565	8.8	20.5
1 22	9 45.85	+16 57.8	2.625	3.556	6.0	20.3
2 1	9 39.21	+18 5.8	2.574	3.547	2.9	20.1
2 11	9 31.78	+19 14.3	2.554	3.538	1.4	20.0
2 21	9 24.26	+20 18.6	2.565	3.528	4.2	20.2
3 2	9 17.38	+21 14.5	2.606	3.518	7.3	20.3
3 12	9 11.80	+21 59.3	2.673	3.508	10.1	20.5

232362 2002 XG_{87} 2 10.3 80.°25 2.°1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.45	+17 17.7	1.384	2.179	19.2	20.5
1 12	10 1.07	+17 43.9	1.322	2.198	15.1	20.3
1 22	9 53.33	+18 21.1	1.279	2.216	10.3	20.0
2 1	9 43.01	+19 2.6	1.261	2.235	5.0	19.8
2 11	9 31.49	+19 40.4	1.269	2.253	2.4	19.6
2 21	9 20.34	+20 7.5	1.304	2.271	6.8	20.0
3 2	9 11.07	+20 20.1	1.365	2.289	11.6	20.3
3 12	9 4.70	+20 17.5	1.449	2.307	15.7	20.6

141368 2002 AB_{45} 2 10.3 208.°95 1.°0/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.71	+ 9 42.9	2.788	3.532	11.7	20.3
1 12	9 51.84	+ 9 49.7	2.685	3.529	9.4	20.1
1 22	9 46.27	+10 6.1	2.606	3.526	6.6	19.9
2 1	9 39.38	+10 30.2	2.554	3.522	3.5	19.7
2 11	9 31.77	+10 59.4	2.533	3.518	1.0	19.5
2 21	9 24.14	+11 30.3	2.542	3.514	3.4	19.7
3 2	9 17.19	+11 59.8	2.580	3.510	6.6	19.9
3 12	9 11.54	+12 25.1	2.646	3.505	9.4	20.1

168274 2007 PU_{16} 2 10.3 140.°40 1.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.06	+16 23.3	2.031	2.800	14.7	20.9
1 12	9 58.23	+17 3.9	1.951	2.814	11.6	20.7
1 22	9 50.93	+17 54.0	1.895	2.826	7.9	20.5
2 1	9 41.74	+18 48.3	1.865	2.838	3.9	20.3
2 11	9 31.59	+19 40.6	1.865	2.849	1.9	20.2
2 21	9 21.54	+20 25.1	1.895	2.859	5.4	20.4
3 2	9 12.68	+20 57.8	1.954	2.869	9.2	20.7
3 12	9 5.86	+21 16.9	2.038	2.878	12.6	20.9

153956 2002 AG_{27} 2 10.3 33.°08 2.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.53	+ 4 31.8	1.559	2.329	18.5	19.9
1 12	9 51.38	+ 5 11.0	1.483	2.339	15.0	19.6
1 22	9 46.59	+ 6 14.2	1.427	2.349	10.7	19.4
2 1	9 39.72	+ 7 38.3	1.394	2.361	6.0	19.2
2 11	9 31.74	+ 9 16.2	1.388	2.373	2.1	18.9
2 21	9 23.84	+10 58.5	1.410	2.385	5.1	19.2
3 2	9 17.19	+12 35.5	1.458	2.398	9.7	19.5
3 12	9 12.74	+13 59.6	1.531	2.411	13.8	19.7

301769 2010 JZ_{81} 2 10.3 214.°56 2.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.06	+ 2 54.0	2.830	3.548	12.2	21.3
1 12	9 50.55	+ 3 6.4	2.721	3.542	10.0	21.2
1 22	9 45.40	+ 3 32.5	2.636	3.536	7.4	21.0
2 1	9 38.96	+ 4 11.3	2.577	3.530	4.7	20.8
2 11	9 31.81	+ 5 0.5	2.547	3.524	2.6	20.6
2 21	9 24.59	+ 5 56.4	2.548	3.518	3.7	20.7
3 2	9 17.99	+ 6 54.8	2.579	3.511	6.4	20.9
3 12	9 12.61	+ 7 51.6	2.637	3.503	9.2	21.0

333369 2002 GA_{77} 2 10.3 299.°42 0.°9/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.39	+ 8 32.4	1.894	2.662	15.7	20.9
1 12	9 51.85	+ 9 2.6	1.788	2.646	12.7	20.6
1 22	9 46.89	+ 9 50.4	1.703	2.629	9.0	20.4
2 1	9 39.92	+10 53.5	1.643	2.613	4.7	20.1
2 11	9 31.73	+12 6.6	1.610	2.597	0.9	19.8
2 21	9 23.33	+13 22.8	1.607	2.581	4.8	20.0
3 2	9 15.84	+14 34.9	1.631	2.565	9.3	20.2
3 12	9 10.23	+15 37.0	1.680	2.549	13.3	20.4

337651 2001 TN_{132} 2 10.3 133.°55 5.°3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.93	− 6 25.9	2.926	3.584	13.0	20.9
1 12	9 51.85	− 6 50.5	2.832	3.596	11.1	20.7
1 22	9 46.17	− 6 59.2	2.760	3.608	9.1	20.6
2 1	9 39.30	− 6 51.3	2.711	3.619	7.0	20.5
2 11	9 31.79	− 6 27.2	2.691	3.630	5.5	20.4
2 21	9 24.30	− 5 49.1	2.700	3.641	5.5	20.4
3 2	9 17.49	− 5 0.8	2.738	3.651	7.0	20.5
3 12	9 11.90	− 4 6.6	2.803	3.661	9.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
219458	2000 XU_2		2 10.3	141.°05	0.°5/10.6	18
	h m	° ′			°	m
1 2	10 2.35	+12 46.5	2.209	2.964	14.1	20.0
1 12	9 57.42	+12 39.4	2.119	2.971	11.3	19.8
1 22	9 50.26	+12 41.0	2.053	2.977	7.8	19.6
2 1	9 41.39	+12 49.1	2.013	2.984	4.0	19.4
2 11	9 31.63	+13 0.3	2.003	2.990	0.5	19.1
2 21	9 21.96	+13 11.3	2.024	2.996	4.2	19.4
3 2	9 13.33	+13 19.1	2.074	3.001	8.0	19.6
3 12	9 6.52	+13 21.6	2.149	3.006	11.4	19.9
249194	2008 CP_{200}		2 10.3	183.°17	1.°6/ 8.4	18
1 2	9 55.18	+18 33.0	3.078	3.846	10.2	21.0
1 12	9 51.30	+19 11.0	2.984	3.846	8.0	20.9
1 22	9 45.83	+19 54.3	2.914	3.846	5.4	20.7
2 1	9 39.14	+20 39.4	2.874	3.845	2.8	20.5
2 11	9 31.81	+21 22.4	2.864	3.845	1.8	20.4
2 21	9 24.47	+21 59.7	2.885	3.844	4.1	20.6
3 2	9 17.79	+22 28.6	2.935	3.843	6.8	20.8
3 12	9 12.32	+22 47.6	3.012	3.841	9.2	20.9
211547	2003 SJ_{44}		2 10.3	177.°17	0.°3/10.1	18
1 2	10 3.06	+14 1.7	1.922	2.689	15.6	21.0
1 12	9 58.45	+14 12.4	1.831	2.691	12.4	20.8
1 22	9 51.25	+14 33.6	1.763	2.692	8.5	20.6
2 1	9 41.97	+15 1.7	1.720	2.693	4.2	20.3
2 11	9 31.58	+15 31.8	1.707	2.693	0.5	20.0
2 21	9 21.21	+15 58.8	1.722	2.693	5.0	20.4
3 2	9 12.02	+16 18.8	1.767	2.692	9.3	20.6
3 12	9 4.95	+16 29.4	1.836	2.691	13.1	20.8
203782	2002 TU		2 10.3	158.°50	1.°2/ 9.1	18
1 2	9 57.05	+16 0.3	2.447	3.216	12.5	20.6
1 12	9 53.17	+16 36.5	2.357	3.220	9.8	20.4
1 22	9 47.31	+17 21.0	2.291	3.223	6.7	20.2
2 1	9 39.94	+18 9.8	2.252	3.226	3.3	20.0
2 11	9 31.76	+18 58.0	2.244	3.228	1.4	19.9
2 21	9 23.59	+19 41.0	2.265	3.231	4.5	20.1
3 2	9 16.27	+20 15.2	2.316	3.233	7.9	20.3
3 12	9 10.52	+20 38.5	2.393	3.235	10.9	20.5
124835	2001 TX_3		2 10.3	104.°10	2.°1/11.6	18
1 2	10 2.39	+ 7 18.2	1.622	2.382	18.3	20.6
1 12	9 58.17	+ 7 22.0	1.548	2.398	14.7	20.4
1 22	9 51.15	+ 7 43.6	1.494	2.415	10.5	20.2
2 1	9 41.93	+ 8 20.7	1.465	2.431	5.9	19.9
2 11	9 31.62	+ 9 8.3	1.462	2.446	2.1	19.7
2 21	9 21.49	+10 0.1	1.488	2.461	5.2	19.9
3 2	9 12.77	+10 49.7	1.541	2.476	9.7	20.2
3 12	9 6.43	+11 31.7	1.619	2.490	13.7	20.5
162675	2000 SW_{327}		2 10.3	63.°31	1.°7/11.3	18
1 2	10 1.71	+ 9 17.5	1.439	2.216	19.4	19.6
1 12	9 57.94	+ 9 11.7	1.372	2.233	15.6	19.4
1 22	9 51.12	+ 9 23.0	1.324	2.251	11.0	19.2
2 1	9 41.94	+ 9 48.8	1.300	2.269	5.9	18.9
2 11	9 31.63	+10 23.9	1.302	2.287	1.7	18.7
2 21	9 21.58	+11 2.0	1.331	2.305	5.5	19.0
3 2	9 13.15	+11 37.0	1.386	2.323	10.3	19.3
3 12	9 7.32	+12 4.3	1.464	2.341	14.5	19.6
59752	1999 LW_{19}		2 10.3	213.°77	5.°0/ 5.1	18
1 2	10 1.55	+28 41.5	2.604	3.382	11.6	20.3
1 12	9 56.90	+29 51.4	2.511	3.373	9.3	20.2
1 22	9 50.01	+31 2.8	2.443	3.364	6.9	20.0
2 1	9 41.35	+32 9.2	2.403	3.354	5.2	19.9
2 11	9 31.67	+33 4.1	2.394	3.343	5.4	19.9
2 21	9 21.90	+33 42.4	2.413	3.332	7.4	20.0
3 2	9 13.03	+34 1.8	2.461	3.320	9.9	20.1
3 12	9 5.87	+34 2.4	2.532	3.307	12.3	20.3
52636	1997 WO_{34}		2 10.3	107.°76	11.°3/20.2	18
1 2	9 57.66	−17 17.3	2.054	2.666	18.9	19.1
1 12	9 54.15	−18 33.9	1.968	2.672	17.2	18.9
1 22	9 48.30	−19 25.3	1.897	2.679	15.2	18.8
2 1	9 40.55	−19 46.4	1.846	2.686	13.3	18.6
2 11	9 31.73	−19 34.2	1.817	2.692	11.8	18.6
2 21	9 22.85	−18 49.7	1.811	2.699	11.3	18.5
3 2	9 14.94	−17 37.6	1.829	2.705	12.0	18.6
3 12	9 8.91	−16 6.4	1.871	2.711	13.5	18.7
74435	1999 BM_{26}		2 10.3	297.°91	0.°1/10.2	17
1 2	9 56.70	+13 22.4	2.134	2.905	14.1	19.5
1 12	9 53.32	+13 35.8	2.032	2.894	11.2	19.2
1 22	9 47.69	+13 59.5	1.952	2.882	7.8	19.0
2 1	9 40.25	+14 30.7	1.898	2.871	3.8	18.7
2 11	9 31.78	+15 5.1	1.873	2.859	0.4	18.4
2 21	9 23.22	+15 38.1	1.877	2.848	4.6	18.7
3 2	9 15.55	+16 5.4	1.909	2.837	8.6	19.0
3 12	9 9.64	+16 24.1	1.966	2.826	12.1	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
431545	2007 TF_{433}		2 10.3	78.°13	0.°4/10.6	18
	h m	° ′			°	m
1 2	9 55.70	+10 47.9	2.292	3.053	13.5	21.6
1 12	9 52.17	+11 12.7	2.208	3.063	10.7	21.4
1 22	9 46.66	+11 49.2	2.146	3.073	7.4	21.2
2 1	9 39.64	+12 34.3	2.112	3.083	3.7	21.0
2 11	9 31.84	+13 23.7	2.106	3.093	0.4	20.8
2 21	9 24.10	+14 12.6	2.130	3.103	4.0	21.1
3 2	9 17.25	+14 56.6	2.183	3.112	7.6	21.3
3 12	9 12.00	+15 32.4	2.263	3.122	10.7	21.5
121247	1999 RX_{58}		2 10.3	103.°83	0.°6/10.7	18
1 2	10 1.35	+12 6.2	2.133	2.890	14.5	20.3
1 12	9 56.68	+12 3.5	2.051	2.903	11.5	20.1
1 22	9 49.77	+12 10.7	1.991	2.916	8.0	19.9
2 1	9 41.17	+12 25.1	1.959	2.929	4.1	19.7
2 11	9 31.72	+12 43.4	1.955	2.942	0.6	19.4
2 21	9 22.41	+13 1.6	1.982	2.954	4.3	19.7
3 2	9 14.19	+13 16.6	2.037	2.966	8.1	20.0
3 12	9 7.82	+13 25.8	2.118	2.978	11.4	20.2
223680	2004 PF_{87}		2 10.3	99.°20	2.°1/ 8.8	18
1 2	10 1.02	+18 42.2	1.970	2.751	14.7	20.6
1 12	9 56.75	+19 8.6	1.890	2.759	11.6	20.4
1 22	9 50.00	+19 42.2	1.833	2.767	7.9	20.2
2 1	9 41.34	+20 17.9	1.802	2.775	4.0	20.0
2 11	9 31.71	+20 49.9	1.801	2.783	2.3	19.9
2 21	9 22.21	+21 13.4	1.828	2.791	5.7	20.1
3 2	9 13.91	+21 25.3	1.883	2.799	9.5	20.3
3 12	9 7.67	+21 24.5	1.962	2.806	12.8	20.6
113950	Donbaldwin		2 10.3	256.°77	1.°1/ 9.3	17
1 2	9 54.88	+13 44.9	2.303	3.074	13.2	20.6
1 12	9 51.71	+14 38.0	2.205	3.069	10.4	20.4
1 22	9 46.48	+15 43.0	2.131	3.063	7.1	20.2
2 1	9 39.63	+16 55.7	2.084	3.058	3.4	20.0
2 11	9 31.84	+18 10.3	2.067	3.052	1.3	19.8
2 21	9 23.97	+19 20.7	2.080	3.047	4.7	20.0
3 2	9 16.92	+20 21.5	2.122	3.041	8.4	20.2
3 12	9 11.45	+21 9.5	2.189	3.035	11.6	20.4
370832	2004 VL_{82}		2 10.3	158.°83	4.°0/ 6.9	18
1 2	10 2.40	+25 39.2	2.452	3.228	12.3	21.3
1 12	9 57.43	+26 23.2	2.370	3.234	9.7	21.2
1 22	9 50.26	+27 9.0	2.313	3.240	6.9	21.0
2 1	9 41.41	+27 50.9	2.283	3.245	4.5	20.8
2 11	9 31.71	+28 23.2	2.283	3.249	4.2	20.8
2 21	9 22.10	+28 42.0	2.313	3.253	6.4	21.0
3 2	9 13.53	+28 45.4	2.372	3.257	9.2	21.2
3 12	9 6.76	+28 33.7	2.455	3.260	11.8	21.3
157584	2005 UC_{382}		2 10.3	95.°17	1.°4/ 9.3	17
1 2	10 2.62	+13 14.6	1.518	2.301	18.3	20.0
1 12	9 58.58	+14 15.8	1.454	2.323	14.4	19.8
1 22	9 51.53	+15 33.3	1.411	2.345	9.7	19.5
2 1	9 42.16	+17 0.1	1.393	2.367	4.7	19.3
2 11	9 31.65	+18 26.3	1.402	2.388	1.7	19.1
2 21	9 21.40	+19 42.8	1.441	2.408	6.3	19.5
3 2	9 12.73	+20 43.1	1.506	2.428	10.9	19.8
3 12	9 6.63	+21 24.2	1.594	2.447	14.8	20.1
366381	2000 TY_{23}		2 10.3	97.°58	5.°6/15.1	18
1 2	9 57.63	− 3 22.2	2.101	2.800	16.4	21.2
1 12	9 53.81	− 3 42.3	2.018	2.816	13.9	21.1
1 22	9 47.85	− 3 42.3	1.955	2.831	10.9	20.9
2 1	9 40.25	− 3 21.2	1.916	2.847	7.9	20.7
2 11	9 31.80	− 2 40.8	1.903	2.861	5.8	20.6
2 21	9 23.42	− 1 45.1	1.919	2.876	6.1	20.7
3 2	9 16.03	− 0 39.7	1.963	2.891	8.4	20.9
3 12	9 10.38	+ 0 28.6	2.033	2.905	11.3	21.1
282870	2007 EV_{30}		2 10.3	189.°87	0.°6/ 9.8	18
1 2	10 2.21	+12 42.8	1.835	2.603	16.1	21.5
1 12	9 58.02	+13 22.0	1.742	2.602	12.8	21.2
1 22	9 51.13	+14 15.9	1.671	2.601	8.9	21.0
2 1	9 42.03	+15 19.8	1.626	2.599	4.3	20.7
2 11	9 31.66	+16 27.1	1.610	2.596	0.9	20.4
2 21	9 21.21	+17 30.3	1.623	2.592	5.5	20.8
3 2	9 11.92	+18 23.5	1.664	2.588	9.9	21.0
3 12	9 4.82	+19 2.7	1.730	2.582	13.9	21.2
222245	2000 LN_{26}		2 10.3	206.°16	4.°2/14.4	17
1 2	9 57.46	− 2 12.0	2.689	3.376	13.4	22.1
1 12	9 53.35	− 2 14.4	2.577	3.369	11.3	21.9
1 22	9 47.42	− 2 0.6	2.485	3.362	8.9	21.7
2 1	9 40.04	− 1 30.1	2.419	3.354	6.3	21.5
2 11	9 31.82	− 0 44.4	2.382	3.345	4.4	21.4
2 21	9 23.49	+ 0 13.4	2.375	3.335	4.8	21.4
3 2	9 15.82	+ 1 18.6	2.399	3.325	7.2	21.5
3 12	9 9.49	+ 2 26.1	2.450	3.314	9.9	21.7

291347 2006 BP_{238} 2 10.3 151.°74 1.°2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.63	+16 13.3	2.212	2.983	13.6	21.8
1 12	9 55.40	+16 36.9	2.124	2.987	10.7	21.6
1 22	9 48.97	+17 8.6	2.060	2.991	7.3	21.4
2 1	9 40.81	+17 44.6	2.022	2.995	3.6	21.2
2 11	9 31.76	+18 19.9	2.013	2.998	1.3	21.0
2 21	9 22.76	+18 50.1	2.034	3.001	4.8	21.2
3 2	9 14.76	+19 11.5	2.084	3.004	8.5	21.5
3 12	9 8.54	+19 22.5	2.160	3.007	11.7	21.7

304795 2007 PD_3 2 10.3 232.°58 2.°2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 3.26	+17 47.3	1.843	2.622	15.7	21.6
1 12	9 59.01	+18 20.3	1.743	2.611	12.5	21.3
1 22	9 51.92	+19 3.2	1.666	2.599	8.6	21.1
2 1	9 42.47	+19 50.8	1.614	2.587	4.4	20.8
2 11	9 31.63	+20 36.2	1.590	2.573	2.4	20.6
2 21	9 20.62	+21 12.8	1.596	2.560	6.3	20.8
3 2	9 10.78	+21 36.0	1.629	2.545	10.7	21.1
3 12	9 3.20	+21 44.0	1.687	2.530	14.6	21.3

36902 2000 SN_{177} 2 10.3 97.°27 0.°8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.50	+11 12.6	1.971	2.735	15.3	18.9
1 12	9 55.54	+11 13.3	1.883	2.739	12.2	18.7
1 22	9 49.19	+11 25.7	1.817	2.743	8.6	18.5
2 1	9 40.97	+11 47.4	1.777	2.747	4.4	18.2
2 11	9 31.76	+12 14.4	1.765	2.751	0.8	18.0
2 21	9 22.60	+12 42.2	1.782	2.755	4.5	18.3
3 2	9 14.53	+13 6.8	1.828	2.759	8.6	18.5
3 12	9 8.40	+13 24.7	1.898	2.763	12.3	18.7

182525 2001 SX_{349} 2 10.3 131.°24 0.°3/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.20	+12 13.1	1.961	2.731	15.2	20.8
1 12	9 54.58	+12 49.1	1.876	2.737	12.0	20.6
1 22	9 48.57	+13 38.4	1.812	2.743	8.3	20.4
2 1	9 40.68	+14 37.1	1.775	2.748	4.0	20.1
2 11	9 31.79	+15 39.1	1.767	2.753	0.6	19.8
2 21	9 22.93	+16 38.0	1.787	2.758	4.9	20.2
3 2	9 15.13	+17 28.6	1.836	2.763	9.0	20.4
3 12	9 9.26	+18 7.2	1.910	2.767	12.6	20.7

518138 2016 EV_{223} 2 10.3 249.°52 1.°2/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.54	+ 9 37.8	2.123	2.878	14.6	21.8
1 12	9 54.75	+ 9 40.0	2.019	2.869	11.8	21.5
1 22	9 48.68	+ 9 54.6	1.937	2.859	8.4	21.3
2 1	9 40.77	+10 19.8	1.881	2.849	4.5	21.0
2 11	9 31.78	+10 52.0	1.853	2.839	1.2	20.8
2 21	9 22.69	+11 27.0	1.855	2.828	4.4	21.0
3 2	9 14.50	+12 0.2	1.886	2.818	8.4	21.2
3 12	9 8.08	+12 27.9	1.942	2.807	12.0	21.4

119683 2001 XB_{110} 2 10.3 245.°39 5.°6/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.38	+26 39.2	2.138	2.928	13.4	19.9
1 12	9 56.57	+28 3.9	2.043	2.914	10.7	19.7
1 22	9 50.16	+29 33.7	1.972	2.900	7.9	19.4
2 1	9 41.59	+31 0.7	1.929	2.885	5.8	19.3
2 11	9 31.72	+32 16.0	1.914	2.869	6.1	19.3
2 21	9 21.66	+33 12.4	1.928	2.853	8.5	19.4
3 2	9 12.61	+33 46.2	1.968	2.837	11.6	19.5
3 12	9 5.60	+33 57.0	2.032	2.820	14.5	19.7

357590 2004 VS_{57} 2 10.3 91.°27 4.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.31	+ 2 56.6	1.630	2.374	18.8	21.3
1 12	9 57.30	+ 2 44.0	1.557	2.392	15.5	21.1
1 22	9 50.54	+ 2 51.9	1.503	2.410	11.5	20.9
2 1	9 41.67	+ 3 19.8	1.472	2.428	7.3	20.7
2 11	9 31.73	+ 4 4.3	1.468	2.446	4.1	20.6
2 21	9 21.97	+ 4 59.3	1.492	2.463	5.7	20.7
3 2	9 13.58	+ 5 57.9	1.544	2.480	9.5	20.9
3 12	9 7.50	+ 6 53.3	1.620	2.496	13.3	21.2

150172 1998 DV_{25} 2 10.3 112.°41 1.°8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.38	+17 53.2	2.063	2.839	14.3	20.9
1 12	9 56.88	+18 20.6	1.985	2.851	11.3	20.8
1 22	9 50.01	+18 55.4	1.929	2.862	7.6	20.6
2 1	9 41.34	+19 32.9	1.901	2.874	3.8	20.3
2 11	9 31.76	+20 7.4	1.901	2.885	2.0	20.2
2 21	9 22.32	+20 34.4	1.931	2.896	5.3	20.5
3 2	9 14.05	+20 50.5	1.990	2.906	9.0	20.7
3 12	9 7.74	+20 54.7	2.073	2.916	12.3	20.9

313825 2004 CK_2 2 10.3 161.°76 1.°2/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 18.63	+19 56.6	1.226	2.012	21.7	20.3
1 12	10 12.36	+19 14.8	1.146	2.015	17.4	20.0
1 22	10 1.71	+18 36.0	1.084	2.017	12.2	19.7
2 1	9 47.45	+17 55.2	1.046	2.019	6.1	19.4
2 11	9 31.29	+17 7.7	1.034	2.020	1.4	19.1
2 21	9 15.45	+16 11.5	1.051	2.021	7.4	19.5
3 2	9 2.06	+15 7.9	1.093	2.022	13.3	19.8
3 12	8 52.54	+13 59.5	1.159	2.023	18.4	20.1

408046 2012 FV_{67} 2 10.3 60.°55 1.°1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.63	+14 27.3	1.693	2.479	16.6	21.0
1 12	9 55.23	+15 2.4	1.620	2.491	13.0	20.8
1 22	9 49.15	+15 50.1	1.568	2.503	8.9	20.6
2 1	9 40.99	+16 45.3	1.542	2.516	4.3	20.3
2 11	9 31.79	+17 41.1	1.543	2.529	1.3	20.1
2 21	9 22.74	+18 30.6	1.572	2.541	5.6	20.5
3 2	9 15.01	+19 8.7	1.629	2.555	9.9	20.7
3 12	9 9.51	+19 32.8	1.709	2.568	13.7	21.0

73880 1997 CC_{21} 2 10.3 173.°38 1.°5/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.53	+16 9.0	2.162	2.930	14.0	20.5
1 12	9 57.01	+16 49.3	2.072	2.934	11.0	20.3
1 22	9 50.16	+17 39.2	2.005	2.936	7.5	20.1
2 1	9 41.46	+18 34.0	1.966	2.939	3.7	19.9
2 11	9 31.76	+19 27.6	1.956	2.940	1.7	19.7
2 21	9 22.06	+20 14.6	1.976	2.941	5.2	20.0
3 2	9 13.38	+20 50.6	2.026	2.941	8.9	20.2
3 12	9 6.58	+21 13.6	2.101	2.940	12.3	20.4

84694 2002 VR_{108} 2 10.3 106.°09 0.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.17	+14 44.8	1.935	2.705	15.4	20.4
1 12	9 57.59	+15 7.9	1.860	2.722	12.1	20.3
1 22	9 50.54	+15 41.1	1.808	2.738	8.2	20.0
2 1	9 41.61	+16 20.0	1.782	2.755	4.0	19.8
2 11	9 31.77	+16 59.2	1.784	2.770	1.0	19.6
2 21	9 22.10	+17 33.4	1.817	2.786	5.0	19.9
3 2	9 13.68	+17 58.8	1.877	2.801	9.0	20.2
3 12	9 7.33	+18 13.2	1.963	2.815	12.5	20.5

70650 1999 TM_{247} 2 10.3 56.°62 2.°3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.01	+16 22.1	1.520	2.318	17.6	18.8
1 12	9 55.91	+17 12.5	1.450	2.328	13.8	18.5
1 22	9 49.83	+18 16.0	1.400	2.338	9.4	18.3
2 1	9 41.41	+19 25.7	1.374	2.349	4.7	18.0
2 11	9 31.78	+20 32.9	1.376	2.359	2.6	17.9
2 21	9 22.30	+21 29.3	1.405	2.370	6.7	18.2
3 2	9 14.30	+22 9.4	1.460	2.381	11.2	18.5
3 12	9 8.79	+22 30.9	1.537	2.392	15.2	18.8

65910 1998 FR_{21} 2 10.3 353.°70 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 55.74	+14 48.0	1.765	2.554	15.9	19.2
1 12	9 52.99	+14 52.6	1.677	2.549	12.6	19.0
1 22	9 47.68	+15 7.5	1.609	2.545	8.7	18.8
2 1	9 40.33	+15 29.4	1.567	2.541	4.3	18.5
2 11	9 31.87	+15 53.3	1.552	2.539	0.7	18.2
2 21	9 23.42	+16 14.4	1.565	2.537	5.2	18.5
3 2	9 16.12	+16 28.5	1.604	2.536	9.6	18.8
3 12	9 10.91	+16 33.1	1.667	2.536	13.5	19.0

362155 2009 DO_{127} 2 10.3 128.°85 0.°0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.77	+11 15.7	2.040	2.799	15.0	21.2
1 12	9 56.41	+11 54.2	1.960	2.814	11.9	21.0
1 22	9 49.71	+12 46.1	1.902	2.829	8.2	20.8
2 1	9 41.22	+13 47.3	1.871	2.843	4.0	20.6
2 11	9 31.81	+14 51.9	1.870	2.857	0.3	20.3
2 21	9 22.49	+15 53.7	1.899	2.869	4.6	20.7
3 2	9 14.27	+16 47.4	1.956	2.882	8.6	20.9
3 12	9 7.96	+17 29.7	2.040	2.893	12.0	21.2

368047 2012 HS_{26} 2 10.3 345.°13 1.°8/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 54.90	+ 7 56.9	1.570	2.349	18.0	20.6
1 12	9 52.66	+ 8 5.1	1.481	2.344	14.6	20.3
1 22	9 47.66	+ 8 32.0	1.412	2.339	10.4	20.1
2 1	9 40.41	+ 9 15.7	1.366	2.334	5.7	19.8
2 11	9 31.86	+10 11.2	1.346	2.331	1.8	19.5
2 21	9 23.24	+11 11.6	1.352	2.328	5.3	19.7
3 2	9 15.83	+12 9.5	1.386	2.325	10.1	20.0
3 12	9 10.67	+12 58.7	1.442	2.323	14.4	20.2

368141 2013 LC_5 2 10.3 183.°43 1.°7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.28	+16 49.1	2.382	3.148	12.9	21.4
1 12	9 55.85	+17 36.0	2.288	3.149	10.2	21.2
1 22	9 49.28	+18 31.6	2.218	3.149	6.9	21.0
2 1	9 41.02	+19 31.3	2.176	3.149	3.5	20.8
2 11	9 31.83	+20 29.4	2.164	3.147	1.9	20.7
2 21	9 22.60	+21 20.6	2.183	3.145	5.0	20.9
3 2	9 14.26	+22 0.8	2.232	3.142	8.5	21.1
3 12	9 7.60	+22 28.0	2.306	3.139	11.6	21.3

110305 2001 SP_{272} 2 10.3 219.°11 1.°1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.24	+15 26.0	2.398	3.169	12.7	20.4
1 12	9 52.65	+15 59.3	2.304	3.167	10.0	20.2
1 22	9 47.06	+16 41.4	2.233	3.165	6.8	20.0
2 1	9 39.91	+17 28.6	2.190	3.163	3.3	19.7
2 11	9 31.91	+18 16.1	2.176	3.161	1.2	19.6
2 21	9 23.89	+18 59.1	2.192	3.159	4.5	19.8
3 2	9 16.71	+19 33.9	2.237	3.157	8.0	20.0
3 12	9 11.08	+19 58.1	2.308	3.154	11.1	20.2

467883 2011 DH_{23} 2 10.3 279.°06 1.°7/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.16	+17 40.5	2.037	2.817	14.3	21.7
1 12	9 55.43	+18 3.6	1.938	2.807	11.3	21.5
1 22	9 49.25	+18 34.8	1.862	2.796	7.8	21.2
2 1	9 41.10	+19 9.9	1.812	2.786	3.9	21.0
2 11	9 31.82	+19 43.4	1.791	2.775	1.9	20.8
2 21	9 22.47	+20 10.2	1.799	2.764	5.5	21.0
3 2	9 14.13	+20 26.5	1.834	2.754	9.5	21.2
3 12	9 7.73	+20 30.6	1.894	2.743	13.0	21.4

199470 2006 DL_{62} 2 10.3 1.°37 4.°1/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 47.39	+ 6 43.9	0.898	1.730	24.3	19.6
1 12	9 48.30	+ 6 8.5	0.834	1.725	19.9	19.3
1 22	9 45.50	+ 5 59.1	0.784	1.723	14.7	19.0
2 1	9 39.59	+ 6 16.8	0.753	1.723	8.8	18.7
2 11	9 31.94	+ 6 57.4	0.742	1.725	4.3	18.4
2 21	9 24.34	+ 7 52.1	0.752	1.730	7.2	18.6
3 2	9 18.63	+ 8 49.9	0.782	1.738	13.0	18.9
3 12	9 16.16	+ 9 40.2	0.831	1.747	18.3	19.3

96802 1999 RC_{134} 2 10.3 248.°19 1.°3/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.79	+10 13.3	1.960	2.714	15.7	20.2
1 12	9 58.46	+10 6.4	1.848	2.697	12.8	19.9
1 22	9 51.49	+10 11.7	1.758	2.679	9.1	19.7
2 1	9 42.30	+10 27.5	1.693	2.661	4.9	19.4
2 11	9 31.74	+10 50.5	1.657	2.642	1.4	19.1
2 21	9 20.94	+11 16.4	1.650	2.623	4.9	19.3
3 2	9 11.10	+11 40.8	1.672	2.602	9.4	19.5
3 12	9 3.28	+11 59.7	1.719	2.582	13.4	19.7

283557 2001 VV_2 2 10.3 139.°57 4.°7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.70	+24 3.8	2.034	2.814	14.4	20.9
1 12	10 0.48	+25 21.3	1.964	2.830	11.3	20.7
1 22	9 52.62	+26 43.4	1.917	2.845	8.0	20.5
2 1	9 42.70	+28 2.1	1.898	2.860	5.2	20.4
2 11	9 31.73	+29 8.9	1.908	2.873	5.0	20.4
2 21	9 20.89	+29 57.6	1.948	2.886	7.6	20.6
3 2	9 11.37	+30 25.4	2.016	2.897	10.8	20.8
3 12	9 4.06	+30 32.8	2.107	2.908	13.7	21.0

299562 2006 DQ_{175} 2 10.3 170.°45 2.°9/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.67	+20 11.5	1.885	2.664	15.4	21.9
1 12	9 59.90	+20 49.0	1.800	2.668	12.1	21.6
1 22	9 52.36	+21 33.7	1.738	2.671	8.3	21.4
2 1	9 42.63	+22 19.4	1.702	2.673	4.5	21.2
2 11	9 31.73	+22 59.1	1.695	2.675	3.2	21.1
2 21	9 20.90	+23 27.2	1.718	2.676	6.5	21.3
3 2	9 11.37	+23 40.1	1.768	2.677	10.4	21.5
3 12	9 4.12	+23 37.4	1.842	2.677	13.9	21.8

234836 2002 RJ_{144} 2 10.3 42.°36 2.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.32	+21 25.5	1.908	2.695	14.9	20.2
1 12	9 57.05	+21 43.0	1.834	2.706	11.7	20.0
1 22	9 50.23	+22 4.9	1.783	2.718	8.0	19.8
2 1	9 41.49	+22 25.9	1.758	2.729	4.3	19.6
2 11	9 31.83	+22 40.6	1.761	2.741	3.0	19.5
2 21	9 22.39	+22 44.9	1.793	2.754	6.1	19.7
3 2	9 14.26	+22 36.9	1.853	2.766	9.7	20.0
3 12	9 8.28	+22 16.5	1.936	2.779	13.0	20.2

491874 2013 BD_{13} 2 10.3 10.°37 3.°0/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.15	+ 6 45.4	1.262	2.050	21.1	21.1
1 12	9 55.02	+ 6 32.2	1.185	2.051	17.2	20.8
1 22	9 49.61	+ 6 40.6	1.126	2.052	12.5	20.6
2 1	9 41.47	+ 7 10.0	1.088	2.055	7.2	20.3
2 11	9 31.82	+ 7 55.7	1.074	2.057	3.1	20.0
2 21	9 22.18	+ 8 50.2	1.085	2.061	6.2	20.2
3 2	9 14.13	+ 9 45.0	1.121	2.065	11.4	20.5
3 12	9 8.86	+10 32.6	1.179	2.070	16.2	20.8

272842 2006 BE_{20} 2 10.3 341.°99 1.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.61	+13 2.0	1.469	2.264	18.3	19.7
1 12	9 55.11	+12 32.1	1.377	2.250	14.8	19.4
1 22	9 49.54	+12 13.0	1.303	2.237	10.4	19.1
2 1	9 41.42	+12 2.9	1.254	2.226	5.5	18.8
2 11	9 31.82	+11 58.6	1.229	2.215	1.1	18.4
2 21	9 22.12	+11 56.2	1.231	2.206	5.7	18.7
3 2	9 13.77	+11 51.9	1.258	2.198	10.8	19.0
3 12	9 7.95	+11 42.6	1.308	2.192	15.4	19.2

461971 2006 UF_{201} 2 10.3 124.°55 0.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.42	+11 49.5	1.981	2.745	15.3	22.5
1 12	9 56.23	+12 11.0	1.899	2.756	12.1	22.3
1 22	9 49.65	+12 44.9	1.839	2.766	8.4	22.1
2 1	9 41.23	+13 27.7	1.805	2.777	4.2	21.9
2 11	9 31.85	+14 14.2	1.800	2.787	0.3	21.6
2 21	9 22.56	+14 59.0	1.824	2.796	4.6	21.9
3 2	9 14.39	+15 37.4	1.877	2.805	8.7	22.2
3 12	9 8.17	+16 6.1	1.956	2.814	12.2	22.4

122584 2000 RY_{25} 2 10.3 204.°40 5.°6/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.66	− 4 51.6	2.367	3.049	15.1	20.5
1 12	9 53.02	− 5 4.9	2.261	3.046	13.0	20.4
1 22	9 47.36	− 4 59.0	2.175	3.041	10.4	20.2
2 1	9 40.11	− 4 32.5	2.113	3.036	7.8	20.0
2 11	9 31.93	− 3 46.4	2.078	3.031	5.8	19.9
2 21	9 23.65	− 2 44.0	2.072	3.025	6.0	19.9
3 2	9 16.13	− 1 30.5	2.094	3.019	8.1	20.0
3 12	9 10.13	− 0 12.6	2.144	3.012	10.9	20.1

462895 2010 WH_{63} 2 10.3 55.°52 4.°2/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.45	+21 19.3	1.566	2.368	17.0	21.1
1 12	9 56.89	+22 24.6	1.508	2.389	13.2	21.0
1 22	9 50.39	+23 37.4	1.472	2.409	9.1	20.8
2 1	9 41.63	+24 49.1	1.461	2.431	5.3	20.6
2 11	9 31.83	+25 50.2	1.477	2.452	4.6	20.6
2 21	9 22.33	+26 34.0	1.520	2.473	7.8	20.8
3 2	9 14.42	+26 56.9	1.589	2.495	11.6	21.1
3 12	9 9.02	+26 59.4	1.681	2.517	15.0	21.4

162849 2001 DN_{32} 2 10.3 55.°46 0.°9/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.78	+10 55.9	1.353	2.145	19.7	19.7
1 12	9 55.81	+12 4.3	1.297	2.172	15.4	19.5
1 22	9 49.76	+13 32.9	1.262	2.198	10.4	19.3
2 1	9 41.36	+15 13.9	1.250	2.225	5.0	19.0
2 11	9 31.86	+16 56.5	1.266	2.252	1.2	18.8
2 21	9 22.68	+18 29.7	1.309	2.279	6.3	19.3
3 2	9 15.18	+19 45.5	1.377	2.306	11.1	19.6
3 12	9 10.29	+20 40.0	1.469	2.334	15.2	19.9

95476 2002 EY_7 2 10.3 14.°96 4.°4/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.67	− 1 18.2	1.697	2.435	18.4	20.1
1 12	9 50.62	− 0 54.5	1.609	2.438	15.4	19.9
1 22	9 46.09	− 0 4.0	1.540	2.441	11.7	19.7
2 1	9 39.59	+ 1 12.9	1.493	2.444	7.7	19.5
2 11	9 31.98	+ 2 51.6	1.473	2.448	4.6	19.3
2 21	9 24.34	+ 4 44.1	1.481	2.452	5.5	19.3
3 2	9 17.77	+ 6 40.2	1.516	2.457	9.2	19.6
3 12	9 13.21	+ 8 30.1	1.576	2.463	13.1	19.8

402551 2006 KN_{62} 2 10.3 194.°60 0.°2/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.79	+10 42.4	1.952	2.714	15.5	21.7
1 12	9 55.95	+11 14.1	1.857	2.713	12.4	21.5
1 22	9 49.63	+12 0.7	1.784	2.711	8.6	21.2
2 1	9 41.32	+12 58.7	1.737	2.708	4.3	20.9
2 11	9 31.86	+14 2.4	1.718	2.705	0.3	20.6
2 21	9 22.33	+15 5.4	1.729	2.701	4.8	21.0
3 2	9 13.83	+16 1.5	1.769	2.697	9.1	21.2
3 12	9 7.30	+16 46.6	1.834	2.692	12.9	21.4

168344 1995 OD_{14} 2 10.3 162.°24 1.°7/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.10	+ 6 53.9	2.748	3.481	12.2	21.6
1 12	9 52.17	+ 7 1.3	2.651	3.485	9.8	21.5
1 22	9 46.55	+ 7 19.9	2.576	3.489	7.1	21.3
2 1	9 39.62	+ 7 48.3	2.529	3.492	4.0	21.1
2 11	9 32.00	+ 8 23.8	2.512	3.495	1.7	20.9
2 21	9 24.38	+ 9 3.0	2.525	3.498	3.5	21.1
3 2	9 17.45	+ 9 42.3	2.569	3.500	6.5	21.3
3 12	9 11.85	+10 18.3	2.639	3.502	9.3	21.4

189864 2003 JO_9 2 10.3 184.°92 5.°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.48	+32 2.4	2.631	3.408	11.5	21.2
1 12	9 57.63	+33 16.4	2.551	3.408	9.4	21.0
1 22	9 50.53	+34 29.3	2.496	3.408	7.3	20.9
2 1	9 41.67	+35 34.2	2.468	3.407	5.9	20.8
2 11	9 31.85	+36 24.6	2.470	3.405	6.2	20.8
2 21	9 22.03	+36 56.1	2.501	3.403	8.0	20.9
3 2	9 13.19	+37 7.1	2.559	3.400	10.2	21.1
3 12	9 6.15	+36 58.6	2.640	3.397	12.4	21.2

120217 2004 FL 2 10.3 132.°19 12.°7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.82	−17 23.1	1.377	2.035	25.2	19.6
1 12	9 56.23	−18 1.9	1.298	2.043	22.7	19.4
1 22	9 50.41	−18 0.9	1.231	2.051	19.8	19.2
2 1	9 41.89	−17 12.1	1.181	2.058	16.5	19.0
2 11	9 31.83	−15 32.8	1.150	2.065	13.8	18.9
2 21	9 21.70	−13 8.0	1.143	2.072	12.7	18.8
3 2	9 13.06	−10 11.0	1.160	2.078	13.9	18.9
3 12	9 7.16	− 7 0.4	1.201	2.083	16.6	19.1

365343 2009 SA_{255} 2 10.3 167.°31 3.°2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.72	+22 20.2	2.781	3.550	11.2	22.0
1 12	9 55.91	+23 27.2	2.695	3.556	8.8	21.8
1 22	9 49.18	+24 38.7	2.634	3.562	6.1	21.6
2 1	9 40.96	+25 49.5	2.602	3.567	3.7	21.5
2 11	9 31.92	+26 53.8	2.602	3.571	3.4	21.5
2 21	9 22.87	+27 46.8	2.633	3.575	5.6	21.6
3 2	9 14.62	+28 25.5	2.693	3.577	8.3	21.8
3 12	9 7.87	+28 49.0	2.779	3.579	10.7	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
263355	2008 CG_{140}		2 10.3	197.°71	0.°4/ 9.9	18
	h m	° ′			°	m
1 2	10 0.78	+13 54.3	2.130	2.894	14.3	21.8
1 12	9 56.50	+14 13.2	2.034	2.892	11.4	21.5
1 22	9 49.88	+14 42.3	1.960	2.889	7.8	21.3
2 1	9 41.40	+15 18.2	1.913	2.886	3.8	21.1
2 11	9 31.88	+15 56.1	1.896	2.882	0.6	20.8
2 21	9 22.33	+16 31.1	1.908	2.878	4.7	21.1
3 2	9 13.77	+16 59.1	1.949	2.874	8.7	21.3
3 12	9 7.06	+17 17.5	2.016	2.869	12.2	21.5
19990	1990 SE_8		2 10.3	89.°08	0.°1/10.4	18
1 2	9 57.50	+11 18.5	2.005	2.772	15.0	19.3
1 12	9 53.93	+11 49.2	1.923	2.782	11.9	19.1
1 22	9 48.09	+12 33.2	1.864	2.793	8.2	18.9
2 1	9 40.48	+13 26.8	1.831	2.803	4.1	18.6
2 11	9 31.95	+14 24.5	1.827	2.813	0.3	18.3
2 21	9 23.50	+15 20.3	1.852	2.824	4.6	18.7
3 2	9 16.10	+16 9.2	1.905	2.834	8.5	18.9
3 12	9 10.55	+16 47.5	1.983	2.844	12.0	19.2
238323	2003 YU_{153}		2 10.3	19.°85	5.°5/ 6.5	18
1 2	10 1.16	+28 2.1	1.898	2.695	14.6	19.9
1 12	9 57.19	+28 45.2	1.825	2.698	11.7	19.7
1 22	9 50.49	+29 28.6	1.774	2.703	8.5	19.5
2 1	9 41.70	+30 5.0	1.748	2.707	6.0	19.3
2 11	9 31.87	+30 27.5	1.751	2.712	5.8	19.3
2 21	9 22.22	+30 31.4	1.780	2.718	8.2	19.5
3 2	9 13.96	+30 15.6	1.836	2.724	11.3	19.7
3 12	9 7.97	+29 41.6	1.914	2.730	14.2	19.9
216018	2005 UJ_{349}		2 10.3	160.°27	4.°7/ 6.5	18
1 2	10 6.03	+28 31.9	2.434	3.206	12.5	20.5
1 12	10 0.35	+29 14.9	2.354	3.213	10.0	20.3
1 22	9 52.32	+29 57.4	2.298	3.220	7.3	20.2
2 1	9 42.51	+30 33.3	2.270	3.225	5.1	20.1
2 11	9 31.82	+30 56.8	2.273	3.230	5.0	20.0
2 21	9 21.27	+31 4.2	2.304	3.235	7.0	20.2
3 2	9 11.88	+30 54.4	2.365	3.239	9.7	20.4
3 12	9 4.43	+30 28.6	2.449	3.242	12.2	20.5
162702	2000 UT_{43}		2 10.3	100.°90	2.°0/11.7	18
1 2	10 1.50	+ 7 15.3	1.704	2.461	17.6	20.4
1 12	9 57.40	+ 7 22.4	1.629	2.478	14.2	20.2
1 22	9 50.62	+ 7 46.8	1.574	2.494	10.1	20.0
2 1	9 41.77	+ 8 26.2	1.544	2.510	5.6	19.8
2 11	9 31.89	+ 9 15.6	1.541	2.526	2.0	19.6
2 21	9 22.15	+10 8.9	1.567	2.541	5.0	19.8
3 2	9 13.75	+10 59.7	1.621	2.556	9.3	20.1
3 12	9 7.58	+11 43.1	1.700	2.570	13.1	20.4
79799	1998 VU_{10}		2 10.3	128.°48	1.°9/11.8	18 R
1 2	9 59.67	+ 6 58.9	1.969	2.718	15.8	20.1
1 12	9 55.67	+ 7 7.8	1.884	2.728	12.8	19.9
1 22	9 49.31	+ 7 32.3	1.820	2.737	9.2	19.7
2 1	9 41.11	+ 8 10.4	1.781	2.746	5.2	19.5
2 11	9 31.94	+ 8 58.0	1.771	2.755	1.9	19.3
2 21	9 22.82	+ 9 49.8	1.790	2.763	4.5	19.5
3 2	9 14.78	+10 40.2	1.838	2.771	8.5	19.7
3 12	9 8.65	+11 24.4	1.911	2.779	12.0	20.0
340698	2006 SF_{21}		2 10.3	105.°73	1.°8/ 8.8	18
1 2	9 59.28	+19 20.8	2.480	3.252	12.3	20.8
1 12	9 54.87	+19 41.7	2.396	3.260	9.6	20.6
1 22	9 48.49	+20 7.6	2.337	3.269	6.6	20.4
2 1	9 40.61	+20 34.4	2.305	3.277	3.4	20.2
2 11	9 31.98	+20 57.9	2.303	3.285	2.0	20.1
2 21	9 23.45	+21 14.6	2.331	3.293	4.7	20.3
3 2	9 15.85	+21 22.1	2.388	3.301	7.9	20.5
3 12	9 9.87	+21 19.5	2.471	3.309	10.7	20.7
265721	2005 UR_{381}		2 10.3	357.°64	10.°0/ 3.2	18
1 2	10 0.21	+34 56.9	1.497	2.311	17.0	19.6
1 12	9 57.65	+36 30.5	1.433	2.308	14.2	19.4
1 22	9 51.50	+38 0.5	1.390	2.306	11.5	19.2
2 1	9 42.44	+39 14.6	1.370	2.305	10.1	19.1
2 11	9 31.84	+40 1.0	1.375	2.304	10.7	19.2
2 21	9 21.41	+40 13.4	1.403	2.305	13.0	19.3
3 2	9 12.85	+39 51.0	1.453	2.306	15.9	19.5
3 12	9 7.34	+38 58.8	1.522	2.308	18.7	19.7
325119	2008 EQ_{66}		2 10.3	59.°18	0.°8/10.8	18
1 2	10 0.83	+11 30.0	1.609	2.386	17.7	20.9
1 12	9 57.06	+11 30.0	1.536	2.399	14.1	20.7
1 22	9 50.48	+11 43.9	1.483	2.412	9.8	20.5
2 1	9 41.74	+12 8.4	1.454	2.426	5.0	20.3
2 11	9 31.91	+12 38.6	1.453	2.439	0.8	20.0
2 21	9 22.26	+13 9.0	1.479	2.453	5.2	20.3
3 2	9 14.03	+13 34.7	1.532	2.467	9.7	20.6
3 12	9 8.16	+13 52.1	1.609	2.481	13.7	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
240483	2004 BH_{110}		2 10.3	289.°56	3.°9/ 6.0	18
	h m	° ′			°	m
1 2	9 55.09	+20 33.5	2.251	3.039	12.9	20.0
1 12	9 52.20	+22 13.8	2.153	3.027	10.1	19.8
1 22	9 47.07	+24 4.7	2.080	3.015	7.0	19.6
2 1	9 40.10	+25 59.1	2.036	3.002	4.4	19.4
2 11	9 32.01	+27 48.1	2.022	2.990	4.4	19.4
2 21	9 23.72	+29 23.8	2.038	2.978	7.1	19.5
3 2	9 16.23	+30 40.4	2.082	2.966	10.3	19.7
3 12	9 10.43	+31 35.3	2.149	2.954	13.3	19.9
359109	2009 BY_{23}		2 10.3	21.°64	2.°8/ 8.5	18
1 2	9 59.01	+17 28.9	1.425	2.230	18.2	21.2
1 12	9 56.27	+18 16.2	1.350	2.232	14.4	20.9
1 22	9 50.34	+19 16.5	1.295	2.235	9.8	20.6
2 1	9 41.82	+20 22.8	1.263	2.237	5.0	20.4
2 11	9 31.90	+21 25.7	1.258	2.241	3.1	20.3
2 21	9 22.04	+22 16.5	1.280	2.244	7.3	20.5
3 2	9 13.73	+22 49.5	1.326	2.248	12.1	20.8
3 12	9 8.11	+23 2.7	1.394	2.252	16.3	21.1
130571	2000 RJ_{46}		2 10.3	121.°22	1.°6/ 9.2	18
1 2	10 5.74	+16 58.5	1.931	2.700	15.4	20.5
1 12	10 0.42	+17 26.0	1.858	2.719	12.1	20.3
1 22	9 52.52	+18 1.9	1.807	2.738	8.2	20.1
2 1	9 42.66	+18 41.1	1.783	2.756	4.1	19.9
2 11	9 31.86	+19 17.7	1.788	2.773	1.8	19.8
2 21	9 21.27	+19 46.5	1.824	2.789	5.4	20.1
3 2	9 12.03	+20 4.2	1.887	2.804	9.4	20.3
3 12	9 4.98	+20 9.6	1.976	2.819	12.8	20.6
349955	2010 CO_{127}		2 10.3	305.°25	1.°7/ 9.6	18
1 2	10 2.80	+17 48.6	1.351	2.153	19.2	20.5
1 12	9 59.78	+17 46.6	1.256	2.136	15.4	20.2
1 22	9 53.17	+17 54.1	1.180	2.118	10.7	19.9
2 1	9 43.43	+18 6.3	1.126	2.101	5.4	19.5
2 11	9 31.78	+18 16.5	1.099	2.084	1.9	19.2
2 21	9 19.87	+18 18.5	1.097	2.068	7.1	19.5
3 2	9 9.53	+18 8.2	1.120	2.052	12.8	19.8
3 12	9 2.20	+17 44.4	1.164	2.037	17.8	20.0
34737	2001 QC_{71}		2 10.3	100.°09	3.°2/12.6	18
1 2	9 59.61	+ 3 37.1	1.557	2.311	19.2	19.0
1 12	9 56.24	+ 3 47.8	1.479	2.323	15.7	18.7
1 22	9 50.04	+ 4 21.2	1.421	2.335	11.5	18.5
2 1	9 41.58	+ 5 15.9	1.386	2.347	6.9	18.3
2 11	9 31.93	+ 6 26.6	1.377	2.358	3.3	18.1
2 21	9 22.37	+ 7 45.7	1.396	2.370	5.5	18.2
3 2	9 14.16	+ 9 4.4	1.442	2.381	9.9	18.5
3 12	9 8.32	+10 15.4	1.513	2.392	14.0	18.8
238885	2005 YC_{51}		2 10.3	251.°01	2.°3/ 8.7	18
1 2	9 59.36	+15 40.4	1.598	2.390	17.2	20.5
1 12	9 56.37	+16 37.6	1.507	2.382	13.6	20.3
1 22	9 50.39	+17 50.5	1.436	2.374	9.3	20.0
2 1	9 41.90	+19 12.7	1.391	2.365	4.7	19.7
2 11	9 31.90	+20 35.1	1.373	2.356	2.6	19.5
2 21	9 21.73	+21 48.3	1.383	2.347	6.9	19.8
3 2	9 12.83	+22 45.0	1.419	2.338	11.7	20.0
3 12	9 6.38	+23 21.6	1.478	2.329	15.9	20.2
282471	2004 GZ_4		2 10.3	315.°78	3.°2/ 8.3	18
1 2	9 57.60	+16 54.0	1.285	2.098	19.4	19.9
1 12	9 55.71	+17 51.8	1.201	2.089	15.4	19.6
1 22	9 50.35	+19 7.0	1.138	2.080	10.6	19.3
2 1	9 42.01	+20 31.8	1.097	2.072	5.5	19.0
2 11	9 31.90	+21 55.0	1.081	2.063	3.6	18.9
2 21	9 21.62	+23 5.2	1.091	2.056	8.3	19.1
3 2	9 12.92	+23 54.1	1.125	2.048	13.6	19.4
3 12	9 7.18	+24 18.7	1.179	2.042	18.3	19.7
240257	2002 VB_{54}		2 10.3	359.°25	7.°8/ 4.5	18
1 2	9 56.98	+31 0.0	1.635	2.449	15.8	19.4
1 12	9 54.59	+32 17.4	1.566	2.446	12.8	19.2
1 22	9 49.13	+33 34.6	1.518	2.444	9.9	19.0
2 1	9 41.20	+34 41.5	1.495	2.443	8.0	18.9
2 11	9 31.97	+35 28.4	1.497	2.444	8.4	18.9
2 21	9 22.87	+35 48.8	1.524	2.445	10.8	19.0
3 2	9 15.28	+35 41.1	1.575	2.447	13.8	19.2
3 12	9 10.27	+35 7.7	1.646	2.450	16.7	19.4
231530	2008 SR_{105}		2 10.3	53.°01	1.°4/ 9.2	18
1 2	9 57.89	+16 13.4	1.984	2.765	14.6	20.7
1 12	9 54.33	+16 43.1	1.903	2.772	11.5	20.5
1 22	9 48.42	+17 22.3	1.846	2.780	7.8	20.3
2 1	9 40.69	+18 6.2	1.814	2.788	3.8	20.1
2 11	9 32.02	+18 49.3	1.811	2.796	1.6	19.9
2 21	9 23.44	+19 26.2	1.837	2.804	5.2	20.2
3 2	9 15.96	+19 52.9	1.890	2.812	9.1	20.4
3 12	9 10.40	+20 7.4	1.968	2.820	12.5	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
523596	2002 PH_{80}		2 10.3	170.°02	1.°5/ 9.1	18
	h m	° ′			°	m
1 2	10 7.29	+16 58.2	2.385	3.137	13.3	24.7
1 12	10 1.30	+17 33.7	2.293	3.145	10.5	24.6
1 22	9 53.01	+18 16.9	2.224	3.151	7.2	24.4
2 1	9 42.92	+19 3.1	2.185	3.156	3.6	24.1
2 11	9 31.87	+19 47.0	2.176	3.160	1.7	24.0
2 21	9 20.85	+20 23.7	2.200	3.162	4.9	24.2
3 2	9 10.85	+20 50.0	2.254	3.163	8.5	24.4
3 12	9 2.70	+21 4.3	2.335	3.163	11.6	24.7
21899	1999 VU_8		2 10.3	108.°98	0.°0/10.2	18
1 2	9 56.66	+10 5.5	2.237	2.995	13.9	18.7
1 12	9 53.05	+10 57.5	2.154	3.008	11.0	18.5
1 22	9 47.38	+12 3.4	2.095	3.021	7.6	18.4
2 1	9 40.14	+13 19.2	2.062	3.034	3.7	18.1
2 11	9 32.08	+14 39.1	2.059	3.046	0.3	17.9
2 21	9 24.06	+15 56.8	2.087	3.058	4.2	18.2
3 2	9 16.95	+17 6.7	2.144	3.070	7.9	18.5
3 12	9 11.48	+18 4.8	2.228	3.082	11.1	18.7
178933	2001 QV_{66}		2 10.3	171.°10	4.°9/14.7	18
1 2	9 55.82	− 2 52.4	1.989	2.699	16.9	20.4
1 12	9 52.75	− 2 41.7	1.892	2.700	14.2	20.2
1 22	9 47.41	− 2 7.6	1.815	2.701	11.1	20.0
2 1	9 40.25	− 1 9.7	1.762	2.702	7.7	19.8
2 11	9 32.07	+ 0 9.2	1.735	2.703	5.1	19.7
2 21	9 23.81	+ 1 43.0	1.737	2.703	5.6	19.7
3 2	9 16.49	+ 3 24.1	1.768	2.703	8.6	19.9
3 12	9 10.95	+ 5 4.0	1.825	2.703	12.0	20.1
53127	1999 AH_{25}		2 10.3	331.°96	0.°2/10.1	18
1 2	9 55.72	+12 44.5	2.202	2.971	13.8	18.9
1 12	9 52.45	+13 10.8	2.108	2.969	10.9	18.7
1 22	9 47.08	+13 48.3	2.037	2.967	7.5	18.4
2 1	9 40.04	+14 33.8	1.992	2.965	3.7	18.2
2 11	9 32.09	+15 22.5	1.977	2.963	0.4	17.9
2 21	9 24.11	+16 9.2	1.991	2.962	4.4	18.2
3 2	9 17.02	+16 49.6	2.033	2.960	8.2	18.5
3 12	9 11.59	+17 20.3	2.101	2.959	11.5	18.7
462272	2008 ER_{136}		2 10.3	259.°96	0.°6/ 9.9	17
1 2	9 58.71	+13 36.7	1.942	2.716	15.2	22.2
1 12	9 55.27	+14 5.1	1.840	2.704	12.1	21.9
1 22	9 49.30	+14 46.0	1.760	2.691	8.4	21.7
2 1	9 41.27	+15 35.9	1.705	2.678	4.1	21.4
2 11	9 32.00	+16 29.0	1.679	2.665	0.8	21.1
2 21	9 22.56	+17 19.1	1.682	2.652	5.2	21.4
3 2	9 14.12	+18 0.8	1.712	2.638	9.5	21.6
3 12	9 7.64	+18 30.6	1.768	2.625	13.4	21.8
240771	2005 PY_{17}		2 10.3	202.°51	1.°3/11.7	17
1 2	9 54.95	+ 7 31.6	2.887	3.623	11.6	21.8
1 12	9 51.27	+ 7 46.7	2.782	3.619	9.3	21.6
1 22	9 45.97	+ 8 12.8	2.701	3.616	6.7	21.5
2 1	9 39.40	+ 8 48.2	2.648	3.612	3.7	21.3
2 11	9 32.14	+ 9 30.0	2.624	3.608	1.3	21.1
2 21	9 24.84	+10 14.9	2.631	3.604	3.3	21.2
3 2	9 18.16	+10 59.0	2.668	3.599	6.3	21.4
3 12	9 12.70	+11 39.2	2.733	3.594	9.1	21.6
500370	2012 TD_{42}		2 10.3	29.°08	1.°9/ 8.9	17
1 2	9 59.98	+19 33.6	2.250	3.027	13.3	21.0
1 12	9 55.71	+19 46.8	2.163	3.029	10.4	20.8
1 22	9 49.23	+20 5.0	2.098	3.031	7.1	20.6
2 1	9 41.07	+20 24.1	2.060	3.033	3.6	20.4
2 11	9 32.03	+20 39.8	2.052	3.035	2.1	20.3
2 21	9 23.06	+20 48.3	2.073	3.037	5.1	20.5
3 2	9 15.11	+20 47.3	2.123	3.039	8.5	20.7
3 12	9 8.96	+20 36.1	2.198	3.041	11.7	20.9
245833	2006 KA_3		2 10.3	235.°27	0.°2/10.2	17
1 2	9 59.91	+11 42.6	1.986	2.750	15.2	21.6
1 12	9 56.18	+12 18.5	1.880	2.737	12.2	21.4
1 22	9 49.94	+13 9.2	1.795	2.724	8.5	21.1
2 1	9 41.59	+14 11.1	1.738	2.710	4.2	20.8
2 11	9 31.98	+15 18.4	1.708	2.695	0.5	20.5
2 21	9 22.15	+16 24.2	1.709	2.680	5.0	20.8
3 2	9 13.26	+17 22.4	1.738	2.664	9.4	21.1
3 12	9 6.30	+18 8.6	1.793	2.648	13.3	21.3
122654	2000 RH_{92}		2 10.3	54.°52	2.°3/ 8.9	18
1 2	10 2.87	+19 41.8	1.733	2.521	16.2	18.9
1 12	9 58.53	+19 56.3	1.662	2.534	12.7	18.7
1 22	9 51.41	+20 16.9	1.612	2.547	8.7	18.5
2 1	9 42.19	+20 38.5	1.588	2.560	4.4	18.2
2 11	9 31.95	+20 55.2	1.591	2.574	2.5	18.1
2 21	9 21.96	+21 2.4	1.623	2.587	6.1	18.4
3 2	9 13.43	+20 57.8	1.682	2.601	10.1	18.7
3 12	9 7.25	+20 40.9	1.764	2.615	13.7	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
343044	2009 BB_{158}		2 10.3	351.°03	0.°2/10.2	18
	h m	° ′			°	m
1 2	9 54.17	+12 37.4	1.919	2.700	15.1	20.7
1 12	9 51.59	+13 0.4	1.828	2.695	12.0	20.5
1 22	9 46.68	+13 36.1	1.758	2.691	8.3	20.3
2 1	9 39.91	+14 21.0	1.714	2.688	4.1	20.0
2 11	9 32.11	+15 10.0	1.698	2.685	0.4	19.7
2 21	9 24.28	+15 57.4	1.710	2.683	4.8	20.0
3 2	9 17.46	+16 37.8	1.750	2.681	9.0	20.3
3 12	9 12.49	+17 7.8	1.814	2.680	12.7	20.5
453371	2009 BN_{55}		2 10.3	28.°02	1.°5/ 9.5	18
1 2	9 57.70	+14 52.0	1.172	1.988	20.7	21.3
1 12	9 55.64	+15 19.9	1.111	1.998	16.4	21.0
1 22	9 50.07	+16 4.1	1.067	2.009	11.2	20.7
2 1	9 41.73	+16 58.2	1.046	2.022	5.4	20.5
2 11	9 31.99	+17 52.7	1.050	2.035	1.7	20.3
2 21	9 22.51	+18 38.6	1.078	2.050	7.0	20.6
3 2	9 14.90	+19 9.6	1.130	2.065	12.3	21.0
3 12	9 10.27	+19 23.0	1.203	2.081	16.9	21.3
426531	2013 RU_{63}		2 10.3	131.°48	0.°7/10.9	16
1 2	9 57.83	+ 9 49.3	2.204	2.959	14.2	22.0
1 12	9 54.01	+10 12.6	2.116	2.966	11.3	21.8
1 22	9 48.08	+10 48.7	2.050	2.974	7.9	21.6
2 1	9 40.51	+11 35.0	2.011	2.981	4.1	21.4
2 11	9 32.08	+12 26.7	2.002	2.988	0.7	21.1
2 21	9 23.67	+13 18.9	2.022	2.995	4.1	21.4
3 2	9 16.20	+14 6.7	2.071	3.001	7.9	21.6
3 12	9 10.41	+14 46.4	2.146	3.007	11.2	21.8
30454	2000 NK_{26}		2 10.3	335.°23	3.°6/13.6	18
1 2	9 54.32	+ 1 16.9	2.341	3.063	14.3	19.2
1 12	9 51.19	+ 1 13.8	2.242	3.062	11.9	19.0
1 22	9 46.13	+ 1 27.0	2.164	3.061	9.0	18.8
2 1	9 39.56	+ 1 56.3	2.111	3.060	6.0	18.6
2 11	9 32.15	+ 2 39.5	2.086	3.058	3.8	18.5
2 21	9 24.69	+ 3 32.7	2.090	3.058	4.6	18.5
3 2	9 18.01	+ 4 31.0	2.122	3.057	7.4	18.7
3 12	9 12.81	+ 5 29.0	2.181	3.056	10.5	18.9
272577	2005 VY_{14}		2 10.3	93.°38	3.°6/ 7.5	18
1 2	9 59.48	+20 58.0	1.896	2.687	14.9	20.6
1 12	9 55.83	+21 56.0	1.819	2.693	11.7	20.4
1 22	9 49.60	+23 1.4	1.764	2.699	8.0	20.2
2 1	9 41.35	+24 7.4	1.736	2.706	4.6	20.0
2 11	9 32.02	+25 6.3	1.736	2.712	3.9	19.9
2 21	9 22.77	+25 51.6	1.765	2.718	6.9	20.1
3 2	9 14.74	+26 19.5	1.820	2.724	10.5	20.3
3 12	9 8.82	+26 29.3	1.899	2.729	13.8	20.6
255599	2006 PC_2		2 10.3	246.°41	2.°4/11.9	18
1 2	9 59.74	+ 6 32.0	1.902	2.651	16.3	21.2
1 12	9 56.12	+ 6 30.7	1.796	2.639	13.4	21.0
1 22	9 49.93	+ 6 45.6	1.709	2.625	9.7	20.7
2 1	9 41.61	+ 7 15.7	1.648	2.612	5.7	20.4
2 11	9 32.00	+ 7 57.8	1.615	2.598	2.4	20.2
2 21	9 22.17	+ 8 46.9	1.610	2.583	4.9	20.3
3 2	9 13.30	+ 9 37.1	1.633	2.568	9.2	20.5
3 12	9 6.41	+10 22.8	1.682	2.553	13.3	20.7
462960	2011 DT_8		2 10.3	315.°84	5.°9/ 6.1	17
1 2	9 59.26	+26 49.5	1.746	2.550	15.4	20.8
1 12	9 56.27	+27 48.0	1.655	2.534	12.4	20.6
1 22	9 50.31	+28 50.7	1.586	2.518	9.1	20.3
2 1	9 41.87	+29 49.1	1.542	2.502	6.4	20.1
2 11	9 31.99	+30 34.1	1.524	2.487	6.4	20.1
2 21	9 21.99	+30 58.8	1.533	2.472	9.1	20.2
3 2	9 13.30	+30 59.9	1.568	2.458	12.7	20.4
3 12	9 7.04	+30 38.0	1.623	2.444	16.2	20.6
506205	2016 GW_{231}		2 10.3	173.°62	3.°1/ 7.1	17
1 2	9 57.05	+21 32.2	2.498	3.278	12.0	20.8
1 12	9 53.32	+22 33.6	2.411	3.280	9.4	20.6
1 22	9 47.58	+23 40.6	2.348	3.281	6.5	20.4
2 1	9 40.27	+24 47.9	2.314	3.282	3.8	20.3
2 11	9 32.11	+25 49.5	2.309	3.282	3.4	20.2
2 21	9 23.93	+26 40.2	2.335	3.283	5.8	20.4
3 2	9 16.60	+27 16.6	2.389	3.283	8.7	20.6
3 12	9 10.84	+27 37.6	2.467	3.283	11.4	20.7
49031	1998 QT_{103}		2 10.3	213.°95	0.°0/10.2	18
1 2	9 58.63	+10 35.4	2.093	2.853	14.7	19.6
1 12	9 54.95	+11 18.2	1.992	2.847	11.7	19.4
1 22	9 48.96	+12 16.1	1.913	2.840	8.2	19.1
2 1	9 41.06	+13 25.5	1.861	2.833	4.1	18.9
2 11	9 32.06	+14 40.6	1.838	2.825	0.3	18.5
2 21	9 22.92	+15 54.8	1.845	2.816	4.7	18.9
3 2	9 14.68	+17 1.7	1.881	2.807	8.8	19.1
3 12	9 8.24	+17 57.0	1.943	2.798	12.5	19.3

82902 2001 QV_{96} 2 10.3 188.°15 1.°4/11.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.48	+ 7 36.3	2.590	3.322	12.8	21.1
1 12	9 55.02	+ 7 51.3	2.486	3.321	10.4	20.9
1 22	9 48.66	+ 8 18.4	2.406	3.320	7.4	20.7
2 1	9 40.79	+ 8 55.8	2.353	3.317	4.1	20.5
2 11	9 32.09	+ 9 40.2	2.330	3.314	1.4	20.3
2 21	9 23.32	+10 27.6	2.338	3.311	3.7	20.5
3 2	9 15.31	+11 13.9	2.377	3.306	7.1	20.7
3 12	9 8.75	+11 55.3	2.443	3.301	10.1	20.9

21692 1999 RH_{44} 2 10.3 130.°89 3.°9/ 7.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 4.51	+22 34.1	1.871	2.656	15.3	18.6
1 12	9 59.78	+23 23.1	1.797	2.667	12.0	18.4
1 22	9 52.29	+24 17.4	1.746	2.678	8.4	18.2
2 1	9 42.67	+25 10.0	1.720	2.688	4.9	18.0
2 11	9 31.97	+25 53.2	1.724	2.698	4.2	18.0
2 21	9 21.42	+26 21.5	1.756	2.707	7.1	18.2
3 2	9 12.26	+26 32.0	1.815	2.716	10.7	18.4
3 12	9 5.41	+26 25.1	1.898	2.724	14.0	18.7

62135 2000 SA_6 2 10.4 227.°06 12.°3/28.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 12.58	+46 5.8	1.986	2.750	15.2	19.3
1 12	10 7.65	+48 17.3	1.919	2.739	13.6	19.2
1 22	9 58.71	+50 19.7	1.875	2.727	12.5	19.1
2 1	9 46.27	+51 59.2	1.855	2.714	12.3	19.0
2 11	9 31.69	+53 4.3	1.859	2.700	13.2	19.1
2 21	9 16.93	+53 28.7	1.886	2.686	14.8	19.2
3 2	9 4.07	+53 13.0	1.933	2.671	16.8	19.3
3 12	8 54.65	+52 23.3	1.997	2.655	18.6	19.4

236972 2008 AV_3 2 10.4 358.°46 6.°2/ 4.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 58.09	+30 57.3	2.305	3.097	12.5	20.3
1 12	9 54.53	+32 16.0	2.229	3.097	10.1	20.1
1 22	9 48.62	+33 34.5	2.178	3.097	7.8	20.0
2 1	9 40.85	+34 45.2	2.153	3.096	6.3	19.9
2 11	9 32.09	+35 41.1	2.156	3.096	6.7	19.9
2 21	9 23.35	+36 17.0	2.187	3.096	8.6	20.0
3 2	9 15.66	+36 30.8	2.244	3.097	11.0	20.2
3 12	9 9.86	+36 23.6	2.323	3.097	13.4	20.4

211539 2003 RD_{19} 2 10.4 158.°38 1.°7/11.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.51	+ 6 34.8	2.092	2.833	15.3	21.7
1 12	9 56.26	+ 6 54.0	2.001	2.840	12.3	21.5
1 22	9 49.72	+ 7 29.0	1.932	2.847	8.8	21.3
2 1	9 41.38	+ 8 17.6	1.889	2.853	5.0	21.1
2 11	9 32.07	+ 9 15.6	1.875	2.859	1.8	20.9
2 21	9 22.75	+10 17.3	1.891	2.864	4.3	21.1
3 2	9 14.43	+11 17.0	1.936	2.868	8.2	21.3
3 12	9 7.93	+12 9.9	2.007	2.871	11.7	21.5

284387 2006 SU_{381} 2 10.4 108.°28 0.°6/10.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 55.14	+ 9 41.2	2.580	3.330	12.4	21.1
1 12	9 51.58	+10 10.4	2.492	3.340	9.9	20.9
1 22	9 46.25	+10 51.0	2.427	3.349	6.9	20.8
2 1	9 39.58	+11 40.2	2.389	3.359	3.6	20.6
2 11	9 32.21	+12 34.1	2.381	3.368	0.6	20.3
2 21	9 24.87	+13 28.3	2.404	3.377	3.6	20.6
3 2	9 18.29	+14 18.5	2.457	3.386	6.9	20.8
3 12	9 13.10	+15 1.5	2.536	3.394	9.8	21.0

159982 2006 BW_{207} 2 10.4 128.°45 1.°6/11.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 56.56	+ 7 19.1	2.101	2.852	14.9	20.6
1 12	9 53.18	+ 7 36.8	2.009	2.855	12.0	20.4
1 22	9 47.63	+ 8 9.7	1.939	2.858	8.6	20.2
2 1	9 40.36	+ 8 55.6	1.894	2.860	4.7	20.0
2 11	9 32.16	+ 9 50.3	1.878	2.863	1.6	19.8
2 21	9 23.94	+10 48.6	1.891	2.865	4.2	19.9
3 2	9 16.65	+11 44.8	1.933	2.868	8.1	20.2
3 12	9 11.08	+12 34.3	2.001	2.870	11.6	20.4

3284 Niebuhr 2 10.4 147.°20 2.°2/ 8.1 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.40	+20 5.1	2.938	3.700	10.8	18.9
1 12	9 55.47	+20 51.1	2.855	3.714	8.4	18.7
1 22	9 48.79	+21 41.7	2.798	3.727	5.8	18.6
2 1	9 40.80	+22 32.6	2.770	3.739	3.1	18.4
2 11	9 32.13	+23 19.3	2.773	3.751	2.4	18.3
2 21	9 23.53	+23 57.9	2.808	3.761	4.6	18.5
3 2	9 15.70	+24 25.9	2.872	3.771	7.3	18.7
3 12	9 9.27	+24 42.3	2.964	3.781	9.7	18.9

421273 2013 SL_{74} 2 10.4 141.°44 1.°5/ 9.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.42	+17 18.8	2.167	2.940	13.8	21.7
1 12	9 56.15	+17 43.5	2.081	2.945	10.9	21.5
1 22	9 49.62	+18 15.8	2.018	2.950	7.4	21.3
2 1	9 41.32	+18 51.4	1.982	2.955	3.7	21.1
2 11	9 32.11	+19 25.2	1.975	2.959	1.7	20.9
2 21	9 22.95	+19 52.6	1.998	2.963	5.0	21.2
3 2	9 14.83	+20 10.3	2.049	2.967	8.7	21.4
3 12	9 8.56	+20 16.8	2.126	2.971	11.9	21.6

350605 2001 RB_{139} 2 10.4 89.°46 3.°9/ 8.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 5.94	+21 38.9	1.466	2.264	18.2	21.0
1 12	10 1.60	+22 15.5	1.398	2.275	14.3	20.8
1 22	9 53.91	+22 59.0	1.350	2.286	9.9	20.6
2 1	9 43.58	+23 41.5	1.326	2.297	5.5	20.4
2 11	9 31.95	+24 14.3	1.330	2.308	4.2	20.3
2 21	9 20.60	+24 31.1	1.360	2.319	7.8	20.5
3 2	9 11.05	+24 29.1	1.416	2.329	12.2	20.8
3 12	9 4.37	+24 9.2	1.494	2.340	16.1	21.1

217532 2006 WU_{201} 2 10.4 115.°29 0.°6/ 9.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 57.77	+11 56.1	1.970	2.740	15.1	20.9
1 12	9 54.29	+12 47.5	1.887	2.749	12.0	20.7
1 22	9 48.47	+13 53.2	1.826	2.757	8.2	20.5
2 1	9 40.80	+15 8.6	1.792	2.765	4.0	20.2
2 11	9 32.15	+16 27.0	1.787	2.774	0.8	20.0
2 21	9 23.51	+17 41.2	1.812	2.781	4.9	20.3
3 2	9 15.94	+18 45.3	1.865	2.789	9.0	20.6
3 12	9 10.25	+19 35.4	1.943	2.797	12.5	20.8

512304 2016 HW 2 10.4 282.°03 15.°1/27.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 55.46	−32 28.0	2.287	2.762	19.7	21.5
1 12	9 52.75	−33 49.2	2.188	2.751	18.9	21.4
1 22	9 47.65	−34 42.6	2.099	2.739	17.9	21.2
2 1	9 40.52	−35 1.0	2.024	2.727	16.9	21.1
2 11	9 32.15	−34 39.0	1.964	2.716	15.9	21.0
2 21	9 23.54	−33 34.8	1.923	2.704	15.3	20.9
3 2	9 15.80	−31 50.6	1.902	2.692	15.2	20.9
3 12	9 9.91	−29 33.7	1.901	2.681	15.7	20.9

292809 2006 UK_{250} 2 10.4 258.°61 1.°1/11.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 55.35	+ 8 54.0	2.547	3.295	12.7	21.3
1 12	9 51.89	+ 9 5.7	2.442	3.287	10.2	21.1
1 22	9 46.58	+ 9 28.8	2.359	3.279	7.2	20.9
2 1	9 39.81	+10 1.5	2.303	3.270	3.9	20.6
2 11	9 32.22	+10 40.7	2.277	3.262	1.1	20.4
2 21	9 24.55	+11 22.3	2.280	3.254	3.7	20.6
3 2	9 17.59	+12 2.6	2.313	3.245	7.1	20.8
3 12	9 12.02	+12 37.9	2.373	3.236	10.2	21.0

343049 2009 BJ_{170} 2 10.4 125.°84 1.°5/ 9.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.18	+18 14.6	2.549	3.317	12.1	21.2
1 12	9 54.79	+18 32.9	2.462	3.324	9.5	21.0
1 22	9 48.47	+18 56.5	2.399	3.330	6.5	20.8
2 1	9 40.69	+19 21.9	2.364	3.336	3.2	20.6
2 11	9 32.16	+19 45.1	2.359	3.342	1.6	20.5
2 21	9 23.71	+20 2.7	2.384	3.348	4.4	20.7
3 2	9 16.13	+20 12.1	2.438	3.354	7.6	20.9
3 12	9 10.11	+20 12.3	2.519	3.359	10.5	21.1

173717 2001 QC_{152} 2 10.4 125.°58 5.°9/16.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.93	− 7 28.1	3.033	3.672	12.9	20.9
1 12	9 54.97	− 8 18.0	2.941	3.688	11.1	20.8
1 22	9 48.40	− 8 53.5	2.871	3.704	9.2	20.6
2 1	9 40.61	− 9 12.8	2.826	3.719	7.4	20.5
2 11	9 32.17	− 9 15.6	2.809	3.734	6.1	20.5
2 21	9 23.75	− 9 3.1	2.821	3.748	6.1	20.5
3 2	9 16.02	− 8 38.2	2.862	3.762	7.3	20.6
3 12	9 9.54	− 8 4.7	2.931	3.775	9.0	20.7

65221 2002 ET_{22} 2 10.4 53.°95 1.°6/ 8.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 56.49	+14 37.5	1.922	2.704	15.0	20.0
1 12	9 53.44	+15 34.3	1.837	2.706	11.8	19.8
1 22	9 47.98	+16 44.4	1.774	2.708	8.0	19.6
2 1	9 40.60	+18 2.2	1.737	2.711	3.9	19.3
2 11	9 32.16	+19 20.4	1.729	2.713	1.8	19.2
2 21	9 23.70	+20 31.7	1.750	2.716	5.6	19.4
3 2	9 16.30	+21 30.3	1.798	2.718	9.6	19.7
3 12	9 10.83	+22 12.7	1.872	2.721	13.1	19.9

241305 2007 UT_{113} 2 10.4 263.°08 8.°2/ 2.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.42	+39 12.7	2.391	3.169	12.6	20.4
1 12	9 58.94	+40 30.4	2.315	3.160	10.7	20.3
1 22	9 51.78	+41 42.5	2.262	3.152	9.0	20.2
2 1	9 42.49	+42 40.6	2.235	3.143	8.2	20.1
2 11	9 32.04	+43 17.5	2.235	3.135	8.8	20.1
2 21	9 21.62	+43 28.8	2.261	3.126	10.3	20.2
3 2	9 12.43	+43 14.0	2.311	3.118	12.3	20.3
3 12	9 5.44	+42 35.8	2.382	3.109	14.3	20.5

154024 2002 CZ_{31} 2 10.4 337.°62 3.°2/ 8.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 1.26	+21 22.0	1.706	2.501	16.1	19.4
1 12	9 57.62	+21 41.9	1.619	2.496	12.7	19.2
1 22	9 51.08	+22 7.6	1.554	2.490	8.8	18.9
2 1	9 42.21	+22 33.2	1.514	2.486	4.8	18.7
2 11	9 32.06	+22 52.1	1.501	2.481	3.4	18.6
2 21	9 21.95	+22 59.2	1.516	2.477	6.8	18.8
3 2	9 13.20	+22 51.5	1.557	2.474	11.0	19.0
3 12	9 6.85	+22 29.0	1.621	2.471	14.8	19.2

234983 2003 AJ_{33} 2 10.4 68.°12 0.°4/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.72	+12 6.6	1.307	2.093	20.6	20.3
1 12	10 1.37	+12 10.2	1.250	2.118	16.3	20.1
1 22	9 53.66	+12 29.6	1.211	2.144	11.2	19.9
2 1	9 43.40	+13 0.6	1.196	2.169	5.6	19.6
2 11	9 31.99	+13 36.3	1.207	2.194	0.5	19.3
2 21	9 21.05	+14 9.7	1.245	2.219	5.9	19.8
3 2	9 12.03	+14 35.5	1.309	2.244	11.0	20.1
3 12	9 5.93	+14 50.5	1.395	2.269	15.3	20.4

414814 2010 TL_{79} 2 10.4 51.°00 4.°0/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.39	+ 1 47.8	1.586	2.338	19.0	21.7
1 12	9 53.65	+ 1 51.3	1.511	2.350	15.6	21.5
1 22	9 48.25	+ 2 18.2	1.455	2.364	11.7	21.3
2 1	9 40.75	+ 3 7.7	1.421	2.377	7.4	21.1
2 11	9 32.17	+ 4 15.3	1.414	2.391	4.2	20.9
2 21	9 23.68	+ 5 33.8	1.433	2.405	5.5	21.0
3 2	9 16.47	+ 6 54.8	1.480	2.420	9.5	21.3
3 12	9 11.46	+ 8 10.3	1.550	2.435	13.4	21.6

365370 2009 TD_{36} 2 10.4 183.°64 3.°9/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.20	− 1 9.1	2.789	3.477	13.0	22.4
1 12	9 53.88	− 1 12.1	2.683	3.478	10.9	22.2
1 22	9 47.81	− 1 0.1	2.598	3.478	8.4	22.1
2 1	9 40.38	− 0 32.9	2.540	3.477	5.9	21.9
2 11	9 32.20	+ 0 7.8	2.511	3.475	4.0	21.8
2 21	9 23.95	+ 0 58.8	2.512	3.473	4.5	21.8
3 2	9 16.37	+ 1 56.1	2.543	3.470	6.8	21.9
3 12	9 10.09	+ 2 54.9	2.603	3.466	9.4	22.1

221221 2005 UR_{114} 2 10.4 113.°79 4.°6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.83	− 2 24.3	2.109	2.814	16.2	21.0
1 12	9 53.31	− 2 16.2	2.021	2.827	13.6	20.9
1 22	9 47.67	− 1 46.9	1.954	2.838	10.5	20.7
2 1	9 40.37	− 0 56.4	1.910	2.850	7.3	20.5
2 11	9 32.20	+ 0 12.4	1.895	2.861	4.8	20.4
2 21	9 24.06	+ 1 34.0	1.908	2.872	5.3	20.4
3 2	9 16.85	+ 3 1.6	1.950	2.883	8.1	20.6
3 12	9 11.35	+ 4 27.9	2.019	2.894	11.2	20.8

22814 1999 RJ_{18} 2 10.4 101.°42 0.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.22	+13 36.1	1.803	2.575	16.2	19.5
1 12	9 57.87	+14 15.9	1.733	2.595	12.8	19.3
1 22	9 50.92	+15 8.4	1.684	2.616	8.7	19.1
2 1	9 41.99	+16 8.3	1.662	2.635	4.2	18.9
2 11	9 32.10	+17 8.9	1.668	2.654	1.1	18.7
2 21	9 22.39	+18 3.4	1.704	2.673	5.3	19.0
3 2	9 14.00	+18 46.9	1.767	2.691	9.5	19.3
3 12	9 7.79	+19 16.6	1.856	2.708	13.1	19.6

405795 2006 AT_{86} 2 10.4 19.°68 1.°4/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 51.19	+ 7 23.7	1.226	2.029	20.7	19.9
1 12	9 50.24	+ 7 54.6	1.166	2.043	16.6	19.7
1 22	9 46.23	+ 8 50.0	1.124	2.058	11.7	19.4
2 1	9 39.83	+10 5.4	1.104	2.076	6.2	19.2
2 11	9 32.24	+11 32.3	1.109	2.095	1.4	18.9
2 21	9 24.87	+12 59.9	1.138	2.115	5.7	19.3
3 2	9 19.06	+14 18.3	1.193	2.137	10.8	19.6
3 12	9 15.79	+15 20.7	1.269	2.160	15.3	19.9

223619 2004 JR_{11} 2 10.4 187.°84 1.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.89	+ 5 58.2	2.693	3.420	12.5	22.0
1 12	9 53.74	+ 6 29.2	2.589	3.419	10.1	21.8
1 22	9 47.77	+ 7 13.8	2.507	3.418	7.3	21.6
2 1	9 40.39	+ 8 10.1	2.453	3.416	4.1	21.4
2 11	9 32.21	+ 9 14.5	2.429	3.413	1.5	21.2
2 21	9 23.96	+10 22.4	2.437	3.409	3.6	21.3
3 2	9 16.39	+11 28.8	2.475	3.405	6.8	21.5
3 12	9 10.18	+12 29.6	2.542	3.400	9.8	21.7

363188 2001 TZ_{238} 2 10.4 123.°90 1.°8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.29	+16 54.6	2.345	3.110	13.1	21.8
1 12	9 56.57	+17 46.7	2.269	3.130	10.3	21.6
1 22	9 49.75	+18 47.0	2.218	3.149	6.9	21.4
2 1	9 41.35	+19 50.3	2.195	3.167	3.5	21.2
2 11	9 32.16	+20 50.7	2.202	3.185	2.0	21.2
2 21	9 23.07	+21 43.0	2.241	3.202	5.0	21.4
3 2	9 14.99	+22 23.5	2.308	3.218	8.3	21.6
3 12	9 8.64	+22 50.6	2.402	3.233	11.2	21.8

81584 2000 HF_{46} 2 10.4 270.°85 3.°7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.43	+ 4 4.2	1.882	2.625	16.7	19.8
1 12	9 55.10	+ 3 45.8	1.778	2.613	13.8	19.5
1 22	9 49.25	+ 3 44.0	1.693	2.601	10.4	19.3
2 1	9 41.33	+ 3 59.2	1.633	2.590	6.6	19.0
2 11	9 32.15	+ 4 29.2	1.600	2.577	3.8	18.8
2 21	9 22.79	+ 5 10.1	1.595	2.565	5.3	18.9
3 2	9 14.38	+ 5 56.3	1.617	2.553	9.2	19.1
3 12	9 7.92	+ 6 42.0	1.664	2.541	13.1	19.3

41396 2000 AG_{175} 2 10.4 116.°06 3.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.48	− 0 29.6	2.484	3.185	14.1	18.2
1 12	9 53.41	− 0 31.0	2.398	3.202	11.7	18.0
1 22	9 47.52	− 0 16.1	2.333	3.219	9.0	17.9
2 1	9 40.23	+ 0 14.9	2.294	3.235	6.1	17.7
2 11	9 32.24	+ 0 59.6	2.283	3.251	4.0	17.6
2 21	9 24.31	+ 1 54.3	2.302	3.267	4.6	17.7
3 2	9 17.20	+ 2 54.0	2.351	3.281	7.1	17.9
3 12	9 11.56	+ 3 53.8	2.427	3.296	9.8	18.1

171493 1996 VQ_{13} 2 10.4 112.°87 3.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.46	− 0 5.0	2.693	3.393	13.1	21.3
1 12	9 52.47	− 0 11.2	2.605	3.409	10.9	21.1
1 22	9 46.80	− 0 2.8	2.539	3.425	8.3	21.0
2 1	9 39.87	+ 0 20.0	2.499	3.440	5.7	20.8
2 11	9 32.28	+ 0 55.2	2.488	3.455	3.8	20.7
2 21	9 24.75	+ 1 39.7	2.506	3.470	4.3	20.8
3 2	9 17.96	+ 2 29.4	2.555	3.484	6.6	20.9
3 12	9 12.51	+ 3 20.0	2.630	3.498	9.2	21.1

315439 2007 VN_{335} 2 10.4 142.°64 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.26	+13 36.0	2.087	2.844	14.8	20.7
1 12	9 59.18	+13 34.6	2.000	2.853	11.8	20.5
1 22	9 51.71	+13 42.1	1.936	2.862	8.1	20.3
2 1	9 42.38	+13 55.8	1.898	2.869	4.1	20.1
2 11	9 32.11	+14 11.8	1.890	2.877	0.3	19.7
2 21	9 21.94	+14 26.2	1.913	2.884	4.5	20.1
3 2	9 12.90	+14 35.8	1.964	2.891	8.5	20.4
3 12	9 5.83	+14 38.7	2.041	2.897	11.9	20.6

464921 2005 UC_{40} 2 10.4 23.°56 6.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.65	− 1 30.1	1.427	2.177	20.8	20.8
1 12	9 52.57	− 2 12.8	1.357	2.188	17.6	20.6
1 22	9 47.67	− 2 30.3	1.304	2.200	13.8	20.4
2 1	9 40.53	− 2 20.4	1.272	2.213	9.9	20.2
2 11	9 32.24	− 1 44.6	1.263	2.228	7.1	20.1
2 21	9 24.06	− 0 48.4	1.279	2.243	7.5	20.1
3 2	9 17.25	+ 0 20.1	1.320	2.259	10.5	20.3
3 12	9 12.79	+ 1 31.6	1.385	2.277	14.2	20.6

495112 2011 UH_{246} 2 10.4 76.°84 1.°2/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.71	+ 9 5.6	1.564	2.334	18.4	22.2
1 12	9 57.79	+ 9 18.6	1.497	2.355	14.7	22.0
1 22	9 51.04	+ 9 48.9	1.450	2.376	10.3	21.7
2 1	9 42.12	+10 32.9	1.427	2.396	5.4	21.5
2 11	9 32.14	+11 24.7	1.431	2.417	1.2	21.3
2 21	9 22.40	+12 17.4	1.463	2.437	5.1	21.6
3 2	9 14.15	+13 4.8	1.522	2.457	9.7	21.9
3 12	9 8.29	+13 42.3	1.605	2.477	13.7	22.2

410795 2009 HK_{32} 2 10.4 93.°21 1.°5/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.47	+ 7 6.2	1.723	2.484	17.3	21.0
1 12	9 55.13	+ 7 34.0	1.643	2.496	13.9	20.8
1 22	9 49.21	+ 8 20.7	1.584	2.507	9.9	20.5
2 1	9 41.24	+ 9 23.4	1.550	2.518	5.4	20.3
2 11	9 32.20	+10 35.9	1.543	2.529	1.5	20.1
2 21	9 23.22	+11 50.8	1.565	2.540	4.8	20.3
3 2	9 15.46	+13 0.9	1.615	2.550	9.3	20.6
3 12	9 9.82	+14 0.5	1.689	2.561	13.2	20.8

400240 2007 HX_{95} 2 10.4 199.°70 2.°1/ 8.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.86	+15 49.8	2.098	2.867	14.4	22.9
1 12	9 57.60	+16 55.2	2.000	2.863	11.3	22.7
1 22	9 50.86	+18 13.0	1.926	2.858	7.8	22.5
2 1	9 42.10	+19 37.6	1.879	2.852	3.9	22.2
2 11	9 32.14	+21 1.5	1.863	2.845	2.3	22.1
2 21	9 22.03	+22 17.1	1.877	2.837	5.8	22.3
3 2	9 12.89	+23 18.8	1.919	2.829	9.7	22.5
3 12	9 5.67	+24 3.4	1.987	2.819	13.2	22.7

35022 1981 EK_{13} 2 10.4 110.°65 3.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.25	+ 3 31.6	1.675	2.419	18.4	19.4
1 12	9 57.38	+ 3 17.5	1.594	2.430	15.1	19.2
1 22	9 50.78	+ 3 22.9	1.533	2.441	11.2	19.0
2 1	9 42.04	+ 3 47.4	1.495	2.452	7.1	18.7
2 11	9 32.15	+ 4 27.8	1.484	2.462	4.0	18.6
2 21	9 22.34	+ 5 18.8	1.501	2.472	5.6	18.7
3 2	9 13.81	+ 6 13.6	1.546	2.482	9.5	18.9
3 12	9 7.52	+ 7 5.7	1.614	2.491	13.4	19.2

128865 2004 SK_{31} 2 10.4 179.°36 0.°7/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.32	+ 9 43.8	2.475	3.222	13.0	21.1
1 12	9 54.24	+10 5.8	2.378	3.223	10.4	20.9
1 22	9 48.20	+10 39.4	2.303	3.224	7.3	20.7
2 1	9 40.65	+11 22.3	2.256	3.224	3.8	20.5
2 11	9 32.25	+12 10.5	2.238	3.224	0.7	20.2
2 21	9 23.82	+12 59.5	2.251	3.224	3.8	20.5
3 2	9 16.19	+13 45.1	2.294	3.222	7.3	20.7
3 12	9 10.06	+14 23.8	2.364	3.221	10.5	20.9

236448 2006 DY_{211} 2 10.4 155.°77 1.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.69	+ 5 43.9	2.725	3.454	12.3	21.3
1 12	9 51.95	+ 6 15.5	2.628	3.461	10.0	21.1
1 22	9 46.51	+ 7 0.5	2.555	3.467	7.1	21.0
2 1	9 39.77	+ 7 56.9	2.509	3.472	4.1	20.8
2 11	9 32.32	+ 9 1.0	2.494	3.477	1.5	20.6
2 21	9 24.85	+10 8.3	2.509	3.482	3.4	20.7
3 2	9 18.07	+11 14.2	2.555	3.486	6.5	20.9
3 12	9 12.60	+12 14.5	2.629	3.490	9.4	21.1

233132 2005 UB_{51} 2 10.4 112.°78 0.°6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.76	+14 2.5	1.629	2.403	17.6	21.0
1 12	10 0.97	+14 23.1	1.558	2.421	14.0	20.8
1 22	9 53.23	+14 56.2	1.507	2.438	9.6	20.6
2 1	9 43.22	+15 37.0	1.481	2.454	4.7	20.3
2 11	9 32.09	+16 18.8	1.484	2.470	0.8	20.1
2 21	9 21.18	+16 55.4	1.515	2.486	5.6	20.4
3 2	9 11.81	+17 22.2	1.574	2.501	10.2	20.7
3 12	9 4.94	+17 36.7	1.657	2.515	14.1	21.0

396641 2001 WK_{87} 2 10.4 105.°33 3.°4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.60	+20 21.3	1.660	2.445	16.9	21.7
1 12	10 1.62	+21 8.0	1.595	2.466	13.2	21.5
1 22	9 53.66	+22 2.0	1.552	2.485	9.1	21.3
2 1	9 43.42	+22 56.1	1.534	2.505	4.9	21.1
2 11	9 32.09	+23 42.0	1.545	2.524	3.7	21.1
2 21	9 21.06	+24 13.5	1.584	2.542	7.0	21.3
3 2	9 11.65	+24 27.5	1.650	2.560	11.0	21.6
3 12	9 4.80	+24 24.2	1.740	2.577	14.5	21.9

369288 2009 RR_{43} 2 10.4 8.°60 2.°6/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.15	+ 6 23.2	1.906	2.658	16.2	21.3
1 12	9 54.71	+ 6 15.7	1.814	2.658	13.2	21.1
1 22	9 48.86	+ 6 23.6	1.743	2.658	9.6	20.9
2 1	9 41.08	+ 6 46.1	1.696	2.658	5.7	20.6
2 11	9 32.23	+ 7 20.0	1.677	2.659	2.6	20.4
2 21	9 23.35	+ 8 0.5	1.686	2.659	4.8	20.6
3 2	9 15.51	+ 8 42.5	1.723	2.659	8.7	20.8
3 12	9 9.59	+ 9 20.9	1.785	2.660	12.4	21.0

26603 2000 FT_{17} 2 10.4 136.°65 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.25	+12 25.4	2.479	3.239	12.6	18.2
1 12	9 52.61	+13 11.7	2.391	3.247	10.0	18.0
1 22	9 47.07	+14 9.1	2.325	3.254	6.8	17.8
2 1	9 40.08	+15 13.7	2.288	3.261	3.3	17.6
2 11	9 32.31	+16 20.5	2.281	3.267	0.6	17.4
2 21	9 24.53	+17 24.3	2.304	3.273	4.1	17.7
3 2	9 17.56	+18 20.5	2.357	3.280	7.5	17.9
3 12	9 12.08	+19 5.9	2.437	3.285	10.5	18.1

325492 2009 RW_{17} 2 10.4 246.°23 6.°8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.05	+31 43.7	2.032	2.819	14.2	21.2
1 12	10 0.46	+32 44.3	1.946	2.810	11.5	21.0
1 22	9 52.98	+33 44.0	1.884	2.801	8.9	20.8
2 1	9 43.18	+34 34.2	1.847	2.792	7.0	20.7
2 11	9 32.10	+35 6.8	1.838	2.783	7.2	20.7
2 21	9 21.04	+35 16.6	1.857	2.773	9.4	20.8
3 2	9 11.30	+35 2.0	1.901	2.763	12.2	20.9
3 12	9 3.93	+34 25.3	1.967	2.753	15.0	21.1

324402 2006 SM_{150} 2 10.4 20.°88 4.°2/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 53.20	+ 3 41.0	1.196	1.985	21.9	20.4
1 12	9 51.92	+ 3 27.4	1.133	1.996	18.0	20.2
1 22	9 47.48	+ 3 40.0	1.087	2.009	13.3	20.0
2 1	9 40.52	+ 4 18.2	1.061	2.024	8.3	19.7
2 11	9 32.29	+ 5 16.9	1.059	2.039	4.4	19.6
2 21	9 24.24	+ 6 27.6	1.081	2.057	6.3	19.7
3 2	9 17.81	+ 7 40.3	1.128	2.075	10.9	20.0
3 12	9 14.04	+ 8 45.9	1.196	2.095	15.4	20.3

378368 2007 MR_5 2 10.4 141.°83 1.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 57.74	+16 20.0	2.467	3.235	12.5	21.1
1 12	9 53.80	+17 5.5	2.381	3.243	9.8	20.9
1 22	9 47.91	+17 59.4	2.319	3.250	6.6	20.7
2 1	9 40.50	+18 57.3	2.284	3.257	3.3	20.5
2 11	9 32.30	+19 54.0	2.280	3.264	1.7	20.4
2 21	9 24.12	+20 44.4	2.307	3.270	4.6	20.6
3 2	9 16.79	+21 25.0	2.362	3.276	7.9	20.8
3 12	9 11.01	+21 53.4	2.444	3.282	10.8	21.0

464202 2015 BW_{83} 2 10.4 201.°07 2.°5/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.85	+20 10.1	2.320	3.097	12.9	21.8
1 12	9 55.70	+20 47.2	2.228	3.095	10.2	21.6
1 22	9 49.34	+21 30.4	2.160	3.092	7.0	21.4
2 1	9 41.27	+22 14.7	2.119	3.089	3.8	21.2
2 11	9 32.25	+22 54.6	2.107	3.086	2.7	21.2
2 21	9 23.22	+23 25.5	2.125	3.083	5.5	21.3
3 2	9 15.13	+23 44.2	2.172	3.079	8.8	21.5
3 12	9 8.78	+23 49.5	2.244	3.075	11.9	21.7

92479 2000 LZ_8 2 10.4 175.°30 1.°3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.91	+15 1.9	2.055	2.821	14.7	20.7
1 12	9 58.34	+15 44.4	1.965	2.824	11.6	20.5
1 22	9 51.30	+16 38.0	1.897	2.827	8.0	20.3
2 1	9 42.29	+17 38.1	1.856	2.829	3.9	20.1
2 11	9 32.18	+18 38.1	1.845	2.830	1.5	19.9
2 21	9 22.05	+19 31.9	1.864	2.830	5.3	20.1
3 2	9 12.99	+20 14.6	1.912	2.829	9.2	20.4
3 12	9 5.90	+20 43.7	1.985	2.828	12.8	20.6

28718 Rivergrace 2 10.4 149.°20 3.°3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.58	+21 0.9	1.795	2.576	16.0	19.4
1 12	10 1.57	+21 39.6	1.717	2.585	12.6	19.2
1 22	9 53.66	+22 25.0	1.661	2.593	8.7	19.0
2 1	9 43.48	+23 10.2	1.630	2.600	4.8	18.7
2 11	9 32.11	+23 47.8	1.629	2.607	3.6	18.7
2 21	9 20.88	+24 12.1	1.656	2.613	6.8	18.9
3 2	9 11.09	+24 20.1	1.711	2.619	10.8	19.1
3 12	9 3.73	+24 11.7	1.790	2.623	14.3	19.4

12993 1981 EP_{27} 2 10.4 149.°95 4.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 55.17	− 0 43.8	2.280	2.993	14.9	19.1
1 12	9 51.94	− 0 39.0	2.183	2.995	12.5	18.9
1 22	9 46.73	− 0 15.7	2.107	2.997	9.6	18.7
2 1	9 39.96	+ 0 26.2	2.055	2.999	6.5	18.5
2 11	9 32.34	+ 1 24.0	2.031	3.000	4.2	18.4
2 21	9 24.66	+ 2 33.3	2.036	3.002	4.8	18.4
3 2	9 17.80	+ 3 48.3	2.070	3.004	7.6	18.6
3 12	9 12.47	+ 5 2.8	2.130	3.005	10.7	18.8

521037 2015 DX_{215} 2 10.4 86.°63 5.°3/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.98	+10 7.5	1.014	1.826	23.5	20.5
1 12	9 58.39	+13 34.7	0.949	1.838	18.4	20.3
1 22	9 52.72	+17 44.7	0.906	1.850	12.3	20.0
2 1	9 43.48	+22 17.4	0.888	1.863	6.5	19.7
2 11	9 32.09	+26 41.9	0.899	1.875	6.5	19.7
2 21	9 20.59	+30 29.1	0.937	1.887	11.9	20.1
3 2	9 11.14	+33 21.7	1.000	1.898	17.4	20.4
3 12	9 5.34	+35 17.6	1.082	1.910	22.0	20.7

57567 Crikey 2 10.4 19.°78 1.°4/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 55.12	+ 8 51.4	1.939	2.706	15.5	19.3
1 12	9 52.23	+ 8 56.2	1.856	2.711	12.4	19.1
1 22	9 47.07	+ 9 15.0	1.793	2.717	8.8	18.9
2 1	9 40.17	+ 9 45.8	1.756	2.724	4.8	18.7
2 11	9 32.34	+10 24.6	1.746	2.731	1.4	18.5
2 21	9 24.55	+11 6.3	1.765	2.739	4.4	18.7
3 2	9 17.79	+11 45.9	1.811	2.748	8.3	19.0
3 12	9 12.85	+12 19.4	1.882	2.756	11.9	19.2

464685 2001 UY_{212} 2 10.4 156.°98 5.°3/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.54	+34 14.7	3.210	3.979	9.8	22.1
1 12	9 56.48	+35 16.2	3.138	3.987	8.0	22.0
1 22	9 49.58	+36 14.7	3.091	3.995	6.3	21.8
2 1	9 41.28	+37 4.7	3.073	4.002	5.3	21.8
2 11	9 32.27	+37 41.6	3.084	4.009	5.6	21.8
2 21	9 23.32	+38 2.4	3.124	4.015	6.9	21.9
3 2	9 15.21	+38 6.1	3.192	4.021	8.7	22.0
3 12	9 8.59	+37 53.6	3.284	4.026	10.4	22.2

417530 2006 TP_{46} 2 10.4 134.°34 7.°4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.02	+31 6.4	1.809	2.605	15.3	20.9
1 12	9 59.90	+32 24.4	1.738	2.607	12.4	20.7
1 22	9 52.71	+33 42.2	1.689	2.610	9.5	20.5
2 1	9 43.07	+34 49.8	1.666	2.612	7.6	20.4
2 11	9 32.15	+35 37.8	1.670	2.615	7.9	20.5
2 21	9 21.34	+36 0.3	1.701	2.617	10.1	20.6
3 2	9 12.05	+35 55.6	1.756	2.619	13.1	20.8
3 12	9 5.34	+35 26.7	1.833	2.621	15.9	21.0

488728 2004 QR_{27} 2 10.4 119.°18 0.°1/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.57	+10 24.4	1.914	2.671	16.0	22.1
1 12	9 58.03	+11 13.7	1.839	2.692	12.6	21.9
1 22	9 51.01	+12 18.3	1.787	2.713	8.7	21.7
2 1	9 42.09	+13 33.4	1.761	2.733	4.3	21.5
2 11	9 32.22	+14 52.2	1.765	2.751	0.3	21.2
2 21	9 22.48	+16 7.3	1.799	2.769	4.8	21.6
3 2	9 13.95	+17 12.6	1.862	2.787	8.9	21.9
3 12	9 7.47	+18 4.4	1.950	2.803	12.5	22.1

259346 2003 GO_{22} 2 10.4 330.°80 5.°8/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 55.61	+22 55.3	1.599	2.411	16.2	19.4
1 12	9 53.61	+24 36.1	1.517	2.402	12.8	19.2
1 22	9 48.65	+26 28.1	1.456	2.394	9.2	18.9
2 1	9 41.20	+28 21.1	1.422	2.386	6.2	18.7
2 11	9 32.26	+30 3.1	1.414	2.379	6.4	18.7
2 21	9 23.18	+31 23.9	1.432	2.372	9.6	18.9
3 2	9 15.37	+32 17.2	1.476	2.365	13.4	19.1
3 12	9 10.03	+32 42.1	1.540	2.360	17.0	19.3

54007 2000 GE_{94} 2 10.4 163.°24 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.21	+12 40.1	2.821	3.574	11.4	19.2
1 12	9 52.34	+13 23.1	2.727	3.579	9.0	19.1
1 22	9 46.79	+14 15.5	2.657	3.584	6.2	18.9
2 1	9 39.93	+15 14.3	2.616	3.588	3.0	18.7
2 11	9 32.36	+16 14.9	2.605	3.592	0.6	18.5
2 21	9 24.78	+17 13.1	2.626	3.595	3.7	18.7
3 2	9 17.88	+18 4.8	2.677	3.598	6.8	18.9
3 12	9 12.29	+18 47.4	2.755	3.600	9.5	19.1

111661 Mamiegeorge 2 10.4 48.°52 15.°5/13.4 16

1 2	10 19.68	− 0 47.9	0.898	1.655	29.9	18.5
1 12	10 14.03	− 4 44.1	0.844	1.671	25.9	18.2
1 22	10 3.43	− 8 22.7	0.806	1.688	21.6	18.0
2 1	9 48.70	−11 26.5	0.787	1.706	17.7	17.9
2 11	9 31.78	−13 39.9	0.790	1.724	15.6	17.8
2 21	9 15.29	−14 56.1	0.814	1.744	16.3	17.9
3 2	9 1.72	−15 20.0	0.859	1.763	19.0	18.2
3 12	8 52.67	−15 6.7	0.922	1.783	22.3	18.5

162766 2000 WU_{127} 2 10.4 106.°75 1.°1/11.2 18

1 2	10 2.83	+ 9 16.6	1.799	2.556	16.8	20.8
1 12	9 58.35	+ 9 31.3	1.725	2.576	13.4	20.6
1 22	9 51.28	+10 1.1	1.672	2.595	9.4	20.4
2 1	9 42.24	+10 42.9	1.645	2.613	5.0	20.2
2 11	9 32.21	+11 31.4	1.645	2.631	1.1	19.9
2 21	9 22.36	+12 20.7	1.675	2.649	4.7	20.2
3 2	9 13.81	+13 5.3	1.734	2.666	9.0	20.5
3 12	9 7.42	+13 41.2	1.817	2.682	12.7	20.8

268491 2005 YC_{16} 2 10.4 80.°11 1.°0/ 9.6 18

1 2	9 57.89	+14 10.3	1.946	2.723	15.0	21.1
1 12	9 54.45	+14 49.7	1.865	2.731	11.8	20.9
1 22	9 48.63	+15 41.0	1.806	2.739	8.1	20.6
2 1	9 40.95	+16 39.5	1.773	2.747	3.9	20.4
2 11	9 32.30	+17 39.1	1.769	2.755	1.2	20.2
2 21	9 23.69	+18 33.4	1.794	2.763	5.1	20.5
3 2	9 16.18	+19 17.4	1.847	2.771	9.1	20.8
3 12	9 10.60	+19 48.3	1.925	2.779	12.6	21.0

200574 2001 PV_{34} 2 10.4 193.°27 4.°0/13.1 18

1 2	10 3.05	+ 2 33.8	2.017	2.738	16.4	21.7
1 12	9 58.50	+ 2 16.4	1.916	2.736	13.6	21.5
1 22	9 51.47	+ 2 15.7	1.835	2.733	10.3	21.3
2 1	9 42.42	+ 2 32.1	1.779	2.730	6.7	21.0
2 11	9 32.20	+ 3 3.6	1.751	2.725	4.1	20.9
2 21	9 21.85	+ 3 46.3	1.753	2.720	5.3	20.9
3 2	9 12.50	+ 4 34.9	1.783	2.714	8.8	21.1
3 12	9 5.07	+ 5 23.6	1.839	2.707	12.4	21.3

411274 2010 RW_{176} 2 10.4 31.°92 3.°1/12.3 18

1 2	9 56.42	+ 5 43.8	1.327	2.109	20.5	21.2
1 12	9 54.15	+ 5 37.9	1.262	2.123	16.7	20.9
1 22	9 48.84	+ 5 54.2	1.216	2.139	12.1	20.7
2 1	9 41.15	+ 6 31.2	1.191	2.156	7.1	20.5
2 11	9 32.29	+ 7 23.5	1.191	2.174	3.2	20.3
2 21	9 23.63	+ 8 23.5	1.217	2.192	5.7	20.5
3 2	9 16.53	+ 9 22.9	1.268	2.211	10.4	20.8
3 12	9 11.98	+10 14.6	1.342	2.231	14.7	21.1

62812 2000 UC_{43} 2 10.4 263.°01 1.°4/ 9.3 18

1 2	9 58.20	+15 31.4	1.970	2.750	14.8	19.5
1 12	9 54.78	+16 6.3	1.879	2.747	11.7	19.3
1 22	9 48.93	+16 52.1	1.811	2.745	8.0	19.0
2 1	9 41.15	+17 44.2	1.769	2.742	3.9	18.8
2 11	9 32.29	+18 36.6	1.755	2.740	1.6	18.6
2 21	9 23.39	+19 23.3	1.770	2.737	5.3	18.9
3 2	9 15.53	+19 59.5	1.813	2.735	9.4	19.1
3 12	9 9.61	+20 22.5	1.880	2.732	12.9	19.3

381660 2009 BV_5 2 10.4 29.°55 2.°7/ 7.9 18

1 2	9 54.87	+17 33.0	1.914	2.707	14.7	20.3
1 12	9 52.18	+18 41.0	1.838	2.715	11.5	20.1
1 22	9 47.13	+19 59.6	1.785	2.723	7.8	19.9
2 1	9 40.23	+21 22.5	1.759	2.732	4.1	19.7
2 11	9 32.35	+22 41.7	1.761	2.741	3.0	19.6
2 21	9 24.52	+23 50.1	1.792	2.751	6.2	19.8
3 2	9 17.77	+24 42.4	1.849	2.761	9.9	20.1
3 12	9 12.94	+25 16.6	1.931	2.771	13.2	20.3

131696 2001 XT_{254} 2 10.4 3.°84 0.°0/10.3 17

1 2	9 36.06	+14 38.6	35.215	35.966	1.0	23.1
1 12	9 35.37	+14 42.0	35.115	35.967	0.8	23.0
1 22	9 34.57	+14 46.0	35.042	35.968	0.5	23.0
2 1	9 33.70	+14 50.2	34.997	35.969	0.3	23.0
2 11	9 32.79	+14 54.6	34.983	35.970	0.0	22.9
2 21	9 31.89	+14 59.0	35.000	35.971	0.3	23.0
3 2	9 31.03	+15 3.1	35.047	35.972	0.6	23.0
3 12	9 30.24	+15 6.9	35.123	35.973	0.8	23.0

56563 2000 JS_8 2 10.4 218.°81 3.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.53	+ 4 21.8	1.895	2.632	16.8	19.5
1 12	9 57.54	+ 4 12.2	1.792	2.625	13.9	19.3
1 22	9 50.96	+ 4 19.7	1.708	2.616	10.3	19.0
2 1	9 42.23	+ 4 44.1	1.650	2.607	6.4	18.8
2 11	9 32.22	+ 5 22.8	1.618	2.598	3.4	18.5
2 21	9 22.02	+ 6 11.2	1.616	2.587	5.2	18.6
3 2	9 12.82	+ 7 3.4	1.642	2.576	9.2	18.8
3 12	9 5.63	+ 7 53.4	1.693	2.565	13.2	19.1

113348 2002 RR_{233} 2 10.4 103.°35 0.°2/10.5 18

1 2	9 57.98	+12 5.6	2.272	3.032	13.6	21.2
1 12	9 54.10	+12 22.9	2.186	3.041	10.8	21.0
1 22	9 48.17	+12 50.7	2.123	3.050	7.5	20.8
2 1	9 40.67	+13 25.9	2.087	3.058	3.7	20.6
2 11	9 32.35	+14 4.5	2.080	3.066	0.2	20.3
2 21	9 24.08	+14 42.0	2.103	3.075	4.1	20.6
3 2	9 16.73	+15 14.5	2.154	3.083	7.7	20.9
3 12	9 11.04	+15 39.1	2.232	3.091	10.9	21.1

282089 2000 QK_{134} 2 10.4 142.°92 1.°3/ 9.5 18

1 2	10 5.44	+16 9.3	1.942	2.709	15.4	21.5
1 12	10 0.35	+16 31.9	1.861	2.721	12.2	21.3
1 22	9 52.66	+17 3.5	1.802	2.732	8.3	21.0
2 1	9 42.95	+17 39.7	1.770	2.742	4.1	20.8
2 11	9 32.20	+18 14.6	1.767	2.752	1.4	20.6
2 21	9 21.58	+18 43.1	1.793	2.761	5.3	20.9
3 2	9 12.23	+19 1.6	1.849	2.769	9.3	21.2
3 12	9 5.03	+19 8.6	1.929	2.776	12.9	21.4

381247 2007 TZ_{76} 2 10.4 61.°96 4.°6/ 6.7 18

1 2	10 0.61	+26 31.3	2.166	2.954	13.3	20.4
1 12	9 56.44	+27 17.9	2.093	2.963	10.6	20.2
1 22	9 49.90	+28 5.9	2.043	2.971	7.6	20.1
2 1	9 41.55	+28 48.9	2.019	2.980	5.1	19.9
2 11	9 32.31	+29 20.7	2.025	2.989	4.9	19.9
2 21	9 23.20	+29 37.0	2.058	2.998	7.1	20.1
3 2	9 15.27	+29 36.0	2.119	3.006	10.0	20.3
3 12	9 9.29	+29 18.4	2.204	3.015	12.8	20.5

187765 1998 BX_{38} 2 10.4 192.°15 0.°5/10.9 17

1 2	10 0.29	+10 58.9	2.659	3.400	12.3	21.6
1 12	9 55.68	+11 13.2	2.555	3.398	9.9	21.4
1 22	9 49.16	+11 37.1	2.475	3.396	6.9	21.2
2 1	9 41.17	+12 8.4	2.423	3.392	3.6	21.0
2 11	9 32.34	+12 43.7	2.402	3.388	0.5	20.8
2 21	9 23.46	+13 19.3	2.411	3.383	3.7	21.0
3 2	9 15.33	+13 51.6	2.451	3.377	7.0	21.2
3 12	9 8.65	+14 18.0	2.519	3.371	10.1	21.4

296299 2009 DF_{113} 2 10.4 241.°95 3.°1/13.9 17

1 2	9 53.75	− 0 0.8	2.816	3.520	12.5	21.2
1 12	9 50.50	+ 0 17.3	2.702	3.510	10.4	21.0
1 22	9 45.61	+ 0 51.3	2.609	3.499	8.0	20.9
2 1	9 39.41	+ 1 40.6	2.543	3.489	5.3	20.7
2 11	9 32.45	+ 2 42.9	2.505	3.477	3.3	20.5
2 21	9 25.39	+ 3 54.3	2.498	3.466	4.0	20.6
3 2	9 18.90	+ 5 10.2	2.522	3.455	6.5	20.7
3 12	9 13.62	+ 6 25.2	2.573	3.443	9.3	20.9

187927 2001 BK_{39} 2 10.4 144.°19 2.°7/12.5 18

1 2	9 57.74	+ 5 17.9	2.049	2.792	15.5	20.5
1 12	9 54.22	+ 5 15.9	1.956	2.794	12.6	20.3
1 22	9 48.45	+ 5 29.6	1.884	2.796	9.3	20.1
2 1	9 40.90	+ 5 57.9	1.837	2.797	5.6	19.9
2 11	9 32.37	+ 6 37.8	1.818	2.799	2.7	19.7
2 21	9 23.81	+ 7 24.6	1.828	2.800	4.5	19.8
3 2	9 16.21	+ 8 13.2	1.866	2.802	8.2	20.1
3 12	9 10.38	+ 8 58.5	1.930	2.803	11.7	20.3

506306 2017 OO 2 10.4 137.°39 3.°3/13.8 17

1 2	9 57.25	+ 0 54.7	2.995	3.691	12.0	22.1
1 12	9 52.96	+ 0 41.7	2.901	3.703	9.9	22.0
1 22	9 47.10	+ 0 41.1	2.830	3.715	7.6	21.9
2 1	9 40.07	+ 0 52.6	2.785	3.726	5.2	21.7
2 11	9 32.44	+ 1 14.9	2.769	3.737	3.4	21.6
2 21	9 24.83	+ 1 45.4	2.785	3.747	4.0	21.7
3 2	9 17.88	+ 2 20.9	2.830	3.757	6.1	21.8
3 12	9 12.13	+ 2 57.9	2.903	3.767	8.5	22.0

38042 1998 SA_{10} 2 10.4 152.°57 11.°0/25.7 18

1 2	9 57.62	−28 55.8	2.913	3.388	15.8	18.1
1 12	9 53.65	−29 49.4	2.822	3.396	14.8	18.0
1 22	9 47.81	−30 19.8	2.744	3.404	13.7	17.9
2 1	9 40.51	−30 22.6	2.682	3.411	12.6	17.9
2 11	9 32.41	−29 55.5	2.641	3.417	11.6	17.8
2 21	9 24.26	−28 58.9	2.621	3.424	11.1	17.8
3 2	9 16.86	−27 35.9	2.626	3.429	11.1	17.8
3 12	9 10.89	−25 52.5	2.653	3.434	11.7	17.8

137813 1999 YB_{16} 2 10.4 209.°99 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.57	+11 22.5	2.153	2.909	14.4	21.5
1 12	9 56.47	+11 50.3	2.051	2.903	11.5	21.3
1 22	9 50.04	+12 31.0	1.971	2.896	8.0	21.0
2 1	9 41.73	+13 21.4	1.917	2.889	4.1	20.8
2 11	9 32.33	+14 16.7	1.894	2.880	0.2	20.4
2 21	9 22.80	+15 11.1	1.900	2.871	4.5	20.8
3 2	9 14.17	+15 59.6	1.935	2.862	8.6	21.0
3 12	9 7.33	+16 38.3	1.997	2.851	12.2	21.2

243157 2007 TE_{68} 2 10.4 165.°44 1.°4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.28	+15 20.8	2.036	2.805	14.8	21.8
1 12	9 57.87	+16 3.0	1.949	2.810	11.6	21.6
1 22	9 51.00	+16 56.1	1.884	2.815	8.0	21.4
2 1	9 42.19	+17 55.2	1.846	2.819	3.9	21.1
2 11	9 32.31	+18 53.9	1.838	2.823	1.6	21.0
2 21	9 22.44	+19 46.0	1.859	2.825	5.3	21.2
3 2	9 13.66	+20 26.8	1.910	2.827	9.2	21.5
3 12	9 6.85	+20 53.9	1.985	2.829	12.7	21.7

422176 2014 RK_{20} 2 10.4 169.°66 0.°5/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.30	+10 32.6	2.065	2.820	15.0	22.5
1 12	9 57.03	+10 55.5	1.973	2.824	12.0	22.3
1 22	9 50.39	+11 31.7	1.904	2.827	8.4	22.0
2 1	9 41.88	+12 18.1	1.860	2.830	4.3	21.8
2 11	9 32.34	+13 9.9	1.846	2.832	0.5	21.5
2 21	9 22.78	+14 1.4	1.862	2.834	4.5	21.8
3 2	9 14.24	+14 47.5	1.906	2.835	8.5	22.1
3 12	9 7.57	+15 24.6	1.977	2.835	12.1	22.3

225104 2008 DZ_{66} 2 10.4 224.°74 3.°1/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.69	+22 49.7	2.190	2.963	13.7	20.6
1 12	10 0.54	+23 12.1	2.091	2.954	10.9	20.4
1 22	9 52.84	+23 38.0	2.015	2.945	7.6	20.2
2 1	9 43.12	+24 2.1	1.967	2.935	4.3	20.0
2 11	9 32.26	+24 18.8	1.948	2.925	3.4	19.9
2 21	9 21.37	+24 23.9	1.959	2.914	6.2	20.1
3 2	9 11.58	+24 15.2	1.999	2.903	9.7	20.3
3 12	9 3.81	+23 52.8	2.064	2.891	12.9	20.4

378866 2008 TH_{99} 2 10.4 38.°03 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.06	+10 35.9	2.041	2.806	14.8	21.6
1 12	9 53.72	+10 53.6	1.951	2.807	11.9	21.4
1 22	9 48.13	+11 24.4	1.883	2.809	8.3	21.2
2 1	9 40.76	+12 5.4	1.840	2.811	4.3	20.9
2 11	9 32.42	+12 52.1	1.826	2.812	0.6	20.7
2 21	9 24.06	+13 39.2	1.841	2.814	4.4	21.0
3 2	9 16.69	+14 21.7	1.884	2.816	8.4	21.2
3 12	9 11.10	+14 55.9	1.952	2.818	11.9	21.4

431453 2007 RL_{201} 2 10.4 62.°87 5.°2/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.43	− 4 33.5	2.179	2.872	16.1	21.2
1 12	9 52.82	− 4 32.7	2.109	2.901	13.5	21.0
1 22	9 47.23	− 4 10.8	2.059	2.931	10.6	20.9
2 1	9 40.19	− 3 27.7	2.032	2.961	7.7	20.7
2 11	9 32.47	− 2 26.4	2.032	2.991	5.5	20.7
2 21	9 24.89	− 1 11.7	2.062	3.020	5.6	20.7
3 2	9 18.30	+ 0 9.9	2.119	3.049	7.7	20.9
3 12	9 13.33	+ 1 31.8	2.204	3.079	10.4	21.1

318879 2005 TW_{113} 2 10.4 244.°64 1.°5/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.18	+ 8 10.4	1.976	2.732	15.6	21.4
1 12	9 54.77	+ 8 20.7	1.877	2.726	12.6	21.2
1 22	9 48.98	+ 8 46.1	1.798	2.719	9.0	21.0
2 1	9 41.25	+ 9 24.7	1.745	2.712	5.0	20.7
2 11	9 32.39	+10 12.6	1.720	2.705	1.5	20.4
2 21	9 23.42	+11 4.2	1.724	2.698	4.5	20.6
3 2	9 15.41	+11 54.1	1.757	2.691	8.7	20.9
3 12	9 9.26	+12 37.4	1.814	2.684	12.5	21.1

215030 2009 BF_{170} 2 10.4 137.°90 0.°4/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.85	+11 39.7	2.701	3.449	12.0	21.7
1 12	9 53.66	+11 51.3	2.610	3.458	9.5	21.5
1 22	9 47.71	+12 11.6	2.543	3.466	6.6	21.3
2 1	9 40.42	+12 38.4	2.504	3.473	3.4	21.1
2 11	9 32.45	+13 8.4	2.494	3.481	0.4	20.9
2 21	9 24.52	+13 38.2	2.516	3.488	3.5	21.2
3 2	9 17.35	+14 4.7	2.568	3.495	6.7	21.4
3 12	9 11.57	+14 25.5	2.646	3.502	9.5	21.6

172478 2003 SM_{87} 2 10.4 136.°06 2.°3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.75	+17 39.4	1.874	2.653	15.5	21.2
1 12	9 58.43	+18 25.1	1.796	2.663	12.2	21.0
1 22	9 51.46	+19 20.3	1.740	2.673	8.3	20.8
2 1	9 42.43	+20 19.3	1.710	2.682	4.2	20.6
2 11	9 32.33	+21 14.8	1.709	2.691	2.5	20.5
2 21	9 22.31	+22 0.3	1.737	2.699	6.0	20.7
3 2	9 13.54	+22 31.8	1.793	2.707	10.0	21.0
3 12	9 6.95	+22 47.5	1.873	2.714	13.5	21.2

111100 2001 VA_{71} 2 10.4 169.°05 0.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.29	+15 33.3	2.312	3.073	13.4	20.3
1 12	9 57.52	+15 49.0	2.220	3.077	10.6	20.1
1 22	9 50.57	+16 12.5	2.152	3.080	7.3	19.9
2 1	9 41.92	+16 40.5	2.110	3.083	3.6	19.7
2 11	9 32.36	+17 8.4	2.099	3.085	0.9	19.5
2 21	9 22.83	+17 32.3	2.118	3.087	4.5	19.8
3 2	9 14.27	+17 49.0	2.167	3.088	8.1	20.0
3 12	9 7.46	+17 56.6	2.241	3.088	11.3	20.2

330028 2005 UW_{157} 2 10.4 164.°62 5.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.35	− 3 52.3	2.145	2.840	16.2	21.3
1 12	9 53.84	− 4 13.8	2.048	2.842	13.8	21.1
1 22	9 48.17	− 4 15.5	1.972	2.844	11.0	20.9
2 1	9 40.78	− 3 55.9	1.918	2.846	8.1	20.8
2 11	9 32.43	− 3 16.0	1.892	2.848	6.0	20.6
2 21	9 24.02	− 2 19.4	1.893	2.849	6.2	20.6
3 2	9 16.48	− 1 11.7	1.922	2.850	8.5	20.8
3 12	9 10.63	+ 0 0.4	1.978	2.851	11.5	21.0

372689 2009 WB_{177} 2 10.4 111.°71 3.°2/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.61	+ 3 48.5	2.040	2.777	15.7	21.5
1 12	9 54.11	+ 3 43.8	1.949	2.781	12.9	21.3
1 22	9 48.38	+ 3 55.8	1.878	2.785	9.6	21.1
2 1	9 40.88	+ 4 23.7	1.833	2.789	6.0	20.9
2 11	9 32.43	+ 5 4.7	1.815	2.793	3.3	20.7
2 21	9 23.96	+ 5 54.2	1.826	2.797	4.7	20.8
3 2	9 16.45	+ 6 46.8	1.865	2.801	8.2	21.1
3 12	9 10.71	+ 7 37.0	1.930	2.805	11.6	21.3

416815 2005 GZ_{201} 2 10.4 220.°19 2.°4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.89	+18 46.7	1.887	2.667	15.3	21.4
1 12	9 58.70	+19 16.6	1.794	2.662	12.1	21.1
1 22	9 51.79	+19 54.8	1.723	2.657	8.4	20.9
2 1	9 42.67	+20 36.0	1.678	2.651	4.3	20.6
2 11	9 32.31	+21 13.7	1.662	2.644	2.6	20.5
2 21	9 21.90	+21 42.0	1.675	2.638	6.1	20.7
3 2	9 12.67	+21 57.2	1.715	2.631	10.2	20.9
3 12	9 5.62	+21 57.9	1.780	2.624	13.9	21.1

40700 1999 RF_{235} 2 10.4 188.°56 1.°0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.54	+13 40.8	1.993	2.761	15.0	19.4
1 12	9 56.63	+14 25.2	1.900	2.761	11.9	19.2
1 22	9 50.25	+15 22.6	1.829	2.760	8.2	19.0
2 1	9 41.88	+16 28.4	1.786	2.759	4.0	18.7
2 11	9 32.38	+17 36.2	1.771	2.756	1.2	18.5
2 21	9 22.80	+18 39.1	1.786	2.754	5.2	18.8
3 2	9 14.26	+19 31.5	1.829	2.751	9.3	19.0
3 12	9 7.67	+20 10.1	1.898	2.747	13.0	19.2

334711 2003 FQ_{132} 2 10.4 206.°80 3.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.46	+ 1 38.1	2.109	2.827	15.8	21.8
1 12	9 56.43	+ 1 43.3	2.002	2.821	13.2	21.6
1 22	9 50.07	+ 2 7.3	1.916	2.814	9.9	21.4
2 1	9 41.79	+ 2 49.7	1.855	2.807	6.4	21.2
2 11	9 32.38	+ 3 47.9	1.822	2.798	3.7	21.0
2 21	9 22.80	+ 4 56.9	1.819	2.789	4.9	21.0
3 2	9 14.09	+ 6 10.3	1.845	2.779	8.5	21.2
3 12	9 7.15	+ 7 21.6	1.898	2.767	12.1	21.4

184271 2004 XL_{90} 2 10.4 215.°85 1.°4/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.08	+ 9 22.5	1.864	2.620	16.3	21.0
1 12	9 58.02	+ 9 22.7	1.765	2.615	13.2	20.8
1 22	9 51.32	+ 9 37.1	1.687	2.609	9.4	20.5
2 1	9 42.46	+10 3.7	1.635	2.602	5.1	20.3
2 11	9 32.34	+10 38.5	1.610	2.595	1.4	20.0
2 21	9 22.10	+11 16.5	1.614	2.588	4.9	20.2
3 2	9 12.93	+11 52.4	1.647	2.580	9.3	20.5
3 12	9 5.85	+12 22.0	1.705	2.572	13.3	20.7

306596 2000 GU_{160} 2 10.4 276.°76 6.°3/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.91	+31 19.7	2.362	3.148	12.4	20.9
1 12	9 56.99	+32 32.6	2.262	3.125	10.2	20.7
1 22	9 50.58	+33 46.5	2.185	3.102	7.9	20.5
2 1	9 42.09	+34 53.8	2.136	3.079	6.4	20.4
2 11	9 32.36	+35 46.9	2.115	3.055	6.8	20.4
2 21	9 22.43	+36 20.0	2.123	3.032	8.8	20.4
3 2	9 13.44	+36 30.5	2.156	3.008	11.4	20.6
3 12	9 6.37	+36 18.9	2.212	2.983	14.0	20.7

126070 2001 YW_{82} 2 10.4 100.°68 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.73	+12 47.9	1.659	2.428	17.6	20.3
1 12	10 0.87	+12 56.0	1.589	2.448	13.9	20.1
1 22	9 53.15	+13 16.7	1.539	2.467	9.6	19.9
2 1	9 43.26	+13 46.1	1.515	2.486	4.8	19.7
2 11	9 32.31	+14 18.6	1.518	2.505	0.3	19.4
2 21	9 21.61	+14 48.6	1.551	2.523	5.2	19.8
3 2	9 12.41	+15 11.6	1.611	2.541	9.7	20.1
3 12	9 5.65	+15 25.0	1.695	2.558	13.6	20.4

226931 2004 TT_{280} 2 10.4 334.°60 1.°6/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.07	+16 34.9	1.845	2.631	15.4	20.3
1 12	9 54.90	+17 2.0	1.755	2.627	12.2	20.0
1 22	9 49.16	+17 39.1	1.687	2.622	8.3	19.8
2 1	9 41.37	+18 21.7	1.644	2.618	4.1	19.5
2 11	9 32.42	+19 3.6	1.630	2.614	1.8	19.4
2 21	9 23.45	+19 39.1	1.643	2.611	5.6	19.6
3 2	9 15.59	+20 3.7	1.684	2.608	9.8	19.9
3 12	9 9.80	+20 15.0	1.749	2.605	13.6	20.1

146492 2001 SB_{20} 2 10.4 154.°64 2.°0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.59	+17 18.9	2.190	2.962	13.7	20.9
1 12	9 56.37	+18 5.2	2.105	2.969	10.8	20.8
1 22	9 49.88	+19 0.2	2.043	2.975	7.3	20.6
2 1	9 41.63	+19 58.9	2.008	2.981	3.7	20.3
2 11	9 32.42	+20 55.2	2.003	2.986	2.2	20.2
2 21	9 23.24	+21 43.5	2.029	2.990	5.3	20.5
3 2	9 15.06	+22 19.7	2.082	2.995	8.9	20.7
3 12	9 8.70	+22 42.0	2.161	2.998	12.1	20.9

213244 2001 BN_{20} 2 10.4 326.°98 3.°6/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.29	+19 10.1	1.457	2.265	17.8	19.9
1 12	9 55.93	+20 3.2	1.373	2.257	14.1	19.7
1 22	9 50.38	+21 8.7	1.310	2.250	9.7	19.4
2 1	9 42.16	+22 19.1	1.270	2.243	5.3	19.1
2 11	9 32.40	+23 24.6	1.257	2.236	4.0	19.0
2 21	9 22.54	+24 16.0	1.269	2.230	7.9	19.2
3 2	9 14.12	+24 47.5	1.307	2.225	12.6	19.5
3 12	9 8.36	+24 57.2	1.366	2.220	16.8	19.7

209748 2005 EG_{205} 2 10.4 326.°15 1.°7/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.61	+16 27.2	1.463	2.262	18.1	20.6
1 12	9 56.88	+16 48.7	1.376	2.254	14.4	20.4
1 22	9 50.99	+17 22.7	1.309	2.247	9.9	20.1
2 1	9 42.45	+18 3.9	1.266	2.240	4.9	19.8
2 11	9 32.39	+18 44.9	1.249	2.234	2.0	19.6
2 21	9 22.24	+19 18.3	1.258	2.228	6.6	19.8
3 2	9 13.53	+19 38.8	1.293	2.222	11.7	20.1
3 12	9 7.45	+19 43.8	1.349	2.217	16.1	20.4

333097 2011 UT_{248} 2 10.4 47.°41 0.°7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.76	+10 35.4	1.365	2.155	19.7	21.4
1 12	9 56.79	+10 47.8	1.300	2.170	15.7	21.2
1 22	9 50.69	+11 18.0	1.253	2.186	10.9	21.0
2 1	9 42.16	+12 2.2	1.230	2.202	5.6	20.7
2 11	9 32.42	+12 53.5	1.232	2.219	0.7	20.4
2 21	9 22.91	+13 44.2	1.261	2.236	5.6	20.8
3 2	9 15.02	+14 27.4	1.315	2.253	10.7	21.1
3 12	9 9.75	+14 58.8	1.393	2.271	15.0	21.4

169120 2001 PV_{7} 2 10.4 165.°00 4.°3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.74	+26 21.1	2.517	3.299	11.9	20.6
1 12	9 55.53	+27 15.4	2.435	3.301	9.4	20.4
1 22	9 49.22	+28 11.6	2.377	3.303	6.8	20.3
2 1	9 41.28	+29 3.9	2.346	3.305	4.6	20.1
2 11	9 32.48	+29 46.6	2.346	3.307	4.6	20.1
2 21	9 23.72	+30 15.2	2.374	3.309	6.6	20.3
3 2	9 15.89	+30 27.7	2.430	3.310	9.2	20.4
3 12	9 9.73	+30 24.0	2.511	3.311	11.7	20.6

402033 2003 SE_{187} 2 10.4 128.°26 1.°7/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.44	+16 31.1	1.945	2.717	15.2	22.3
1 12	9 58.81	+17 10.5	1.868	2.731	12.0	22.1
1 22	9 51.64	+17 59.5	1.813	2.745	8.1	21.9
2 1	9 42.52	+18 52.9	1.786	2.758	4.0	21.6
2 11	9 32.41	+19 44.0	1.787	2.771	1.9	21.5
2 21	9 22.42	+20 27.1	1.818	2.783	5.5	21.8
3 2	9 13.66	+20 58.0	1.878	2.795	9.4	22.0
3 12	9 6.99	+21 14.9	1.962	2.806	12.9	22.3

174568 2003 NO_{12} 2 10.4 158.°44 0.°7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.36	+10 10.2	2.028	2.780	15.3	21.7
1 12	9 57.89	+10 26.2	1.939	2.788	12.3	21.5
1 22	9 51.01	+10 55.5	1.872	2.794	8.6	21.3
2 1	9 42.23	+11 35.2	1.831	2.800	4.5	21.0
2 11	9 32.43	+12 20.7	1.819	2.805	0.7	20.8
2 21	9 22.64	+13 6.7	1.837	2.809	4.5	21.1
3 2	9 13.92	+13 48.1	1.884	2.813	8.6	21.3
3 12	9 7.13	+14 21.4	1.956	2.816	12.2	21.5

378902 2008 UZ_{45} 2 10.4 259.°54 6.°4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.77	+31 32.9	2.196	2.985	13.2	21.0
1 12	9 57.66	+32 38.7	2.116	2.980	10.7	20.8
1 22	9 50.97	+33 43.6	2.058	2.976	8.2	20.6
2 1	9 42.25	+34 40.0	2.028	2.972	6.6	20.5
2 11	9 32.43	+35 20.4	2.025	2.967	6.8	20.5
2 21	9 22.63	+35 39.9	2.050	2.963	8.8	20.6
3 2	9 14.00	+35 36.9	2.100	2.958	11.4	20.8
3 12	9 7.46	+35 12.9	2.173	2.954	13.9	20.9

361626 2007 TP_{145} 2 10.4 65.°12 4.°9/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.02	+23 26.9	1.486	2.289	17.7	20.8
1 12	10 0.12	+24 20.8	1.424	2.304	13.9	20.6
1 22	9 52.96	+25 20.3	1.383	2.319	9.8	20.4
2 1	9 43.28	+26 16.4	1.366	2.333	6.0	20.2
2 11	9 32.37	+26 59.8	1.376	2.349	5.3	20.2
2 21	9 21.76	+27 23.9	1.412	2.364	8.5	20.4
3 2	9 12.92	+27 26.2	1.474	2.379	12.4	20.7
3 12	9 6.84	+27 8.1	1.557	2.394	16.0	20.9

33841 2000 GB_{75} 2 10.4 143.°26 1.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.07	+ 6 50.2	2.563	3.291	13.1	20.1
1 12	9 55.47	+ 7 7.4	2.473	3.305	10.5	19.9
1 22	9 49.01	+ 7 37.0	2.407	3.319	7.5	19.8
2 1	9 41.13	+ 8 17.3	2.368	3.331	4.2	19.6
2 11	9 32.51	+ 9 4.6	2.359	3.343	1.6	19.4
2 21	9 23.92	+ 9 54.8	2.382	3.354	3.6	19.6
3 2	9 16.16	+10 43.6	2.434	3.364	6.9	19.8
3 12	9 9.88	+11 27.5	2.515	3.374	9.8	20.0

245900 2006 QX_{91} 2 10.4 175.°01 1.°8/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.79	+ 7 3.2	2.768	3.498	12.2	21.7
1 12	9 53.62	+ 6 59.5	2.668	3.499	9.9	21.5
1 22	9 47.72	+ 7 6.4	2.591	3.501	7.1	21.3
2 1	9 40.49	+ 7 22.6	2.541	3.502	4.2	21.1
2 11	9 32.55	+ 7 45.9	2.521	3.503	1.9	21.0
2 21	9 24.58	+ 8 13.3	2.531	3.503	3.5	21.1
3 2	9 17.32	+ 8 41.7	2.572	3.503	6.5	21.3
3 12	9 11.37	+ 9 7.9	2.640	3.503	9.3	21.4

371095 2005 UT_{468} 2 10.4 21.°36 5.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.64	+ 0 51.8	1.703	2.441	18.3	20.3
1 12	9 54.62	+ 0 12.3	1.617	2.445	15.4	20.1
1 22	9 49.01	− 0 7.9	1.551	2.449	11.9	19.9
2 1	9 41.32	− 0 7.1	1.507	2.453	8.2	19.7
2 11	9 32.49	+ 0 13.4	1.489	2.458	5.6	19.6
2 21	9 23.65	+ 0 49.8	1.498	2.463	6.4	19.6
3 2	9 15.95	+ 1 36.4	1.533	2.468	9.6	19.8
3 12	9 10.36	+ 2 26.2	1.592	2.474	13.2	20.0

362147 2009 DF_{109} 2 10.4 242.°21 2.°0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.73	+14 42.3	1.750	2.534	16.2	20.9
1 12	9 55.71	+15 46.6	1.656	2.526	12.8	20.7
1 22	9 49.94	+17 6.8	1.583	2.519	8.8	20.4
2 1	9 41.88	+18 37.0	1.537	2.511	4.4	20.1
2 11	9 32.46	+20 8.5	1.519	2.503	2.3	20.0
2 21	9 22.85	+21 32.0	1.529	2.494	6.4	20.2
3 2	9 14.35	+22 40.4	1.567	2.485	10.8	20.4
3 12	9 8.04	+23 29.5	1.628	2.476	14.8	20.7

252884 2002 JV_{78} 2 10.4 250.°25 0.°4/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.35	+11 17.8	1.966	2.727	15.5	21.7
1 12	9 57.50	+11 34.3	1.855	2.709	12.5	21.4
1 22	9 51.05	+12 4.4	1.765	2.691	8.8	21.2
2 1	9 42.42	+12 45.5	1.701	2.671	4.5	20.9
2 11	9 32.43	+13 32.9	1.665	2.652	0.4	20.5
2 21	9 22.15	+14 20.8	1.659	2.631	4.9	20.8
3 2	9 12.80	+15 3.6	1.681	2.610	9.4	21.0
3 12	9 5.41	+15 37.2	1.728	2.589	13.5	21.2

280288 2003 HW_{14} 2 10.4 301.°35 8.°7/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.75	+32 50.2	1.766	2.569	15.3	20.2
1 12	9 57.79	+34 29.6	1.684	2.555	12.6	20.0
1 22	9 51.65	+36 9.9	1.625	2.542	10.1	19.8
2 1	9 42.82	+37 40.1	1.591	2.528	8.7	19.7
2 11	9 32.40	+38 48.8	1.583	2.515	9.4	19.7
2 21	9 21.83	+39 28.4	1.601	2.501	11.7	19.8
3 2	9 12.66	+39 36.1	1.641	2.489	14.6	20.0
3 12	9 6.12	+39 14.2	1.702	2.476	17.5	20.1

367537 2009 RH_{11} 2 10.4 154.°85 2.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.86	+ 3 1.9	2.256	2.982	14.7	22.4
1 12	9 54.10	+ 3 12.4	2.162	2.987	12.1	22.2
1 22	9 48.28	+ 3 39.5	2.089	2.993	9.0	22.0
2 1	9 40.85	+ 4 22.1	2.042	2.997	5.6	21.8
2 11	9 32.53	+ 5 17.1	2.024	3.002	3.0	21.6
2 21	9 24.20	+ 6 19.7	2.035	3.006	4.3	21.7
3 2	9 16.72	+ 7 24.3	2.075	3.010	7.6	21.9
3 12	9 10.86	+ 8 25.6	2.143	3.013	10.8	22.1

298840 2004 RX_{187} 2 10.4 157.°38 2.°6/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.42	+ 6 30.3	1.867	2.610	16.8	21.0
1 12	9 58.93	+ 6 20.6	1.778	2.617	13.7	20.8
1 22	9 51.84	+ 6 26.4	1.710	2.623	9.9	20.6
2 1	9 42.70	+ 6 46.6	1.666	2.628	5.8	20.4
2 11	9 32.42	+ 7 17.9	1.650	2.633	2.7	20.2
2 21	9 22.15	+ 7 55.7	1.664	2.637	4.9	20.3
3 2	9 13.04	+ 8 34.7	1.706	2.640	9.0	20.6
3 12	9 6.03	+ 9 10.0	1.774	2.643	12.8	20.8

416066 2002 JM_{150} 2 10.4 327.°24 8.°3/ 3.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.37	+31 24.3	1.699	2.509	15.5	20.8
1 12	9 55.92	+33 2.6	1.620	2.497	12.7	20.6
1 22	9 50.35	+34 42.9	1.563	2.486	10.0	20.4
2 1	9 42.16	+36 14.1	1.532	2.475	8.4	20.3
2 11	9 32.45	+37 24.9	1.526	2.464	9.0	20.3
2 21	9 22.63	+38 7.5	1.545	2.455	11.5	20.4
3 2	9 14.21	+38 18.8	1.588	2.445	14.5	20.6
3 12	9 8.38	+38 0.8	1.651	2.437	17.4	20.7

94713 2001 XO_{60} 2 10.4 70.°38 0.°9/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.63	+10 11.2	1.407	2.184	19.8	20.2
1 12	10 0.35	+10 21.7	1.349	2.211	15.8	20.0
1 22	9 52.96	+10 49.5	1.310	2.239	11.0	19.8
2 1	9 43.21	+11 30.5	1.295	2.266	5.6	19.6
2 11	9 32.41	+12 18.0	1.307	2.293	0.9	19.3
2 21	9 21.99	+13 4.8	1.346	2.320	5.5	19.7
3 2	9 13.32	+13 44.8	1.411	2.347	10.3	20.1
3 12	9 7.34	+14 13.9	1.500	2.373	14.5	20.4

489646 2007 TD_{444} 2 10.4 187.°88 2.°7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.36	+19 39.7	2.102	2.874	14.2	22.4
1 12	9 59.57	+20 22.3	2.010	2.874	11.2	22.2
1 22	9 52.24	+21 12.2	1.941	2.872	7.7	22.0
2 1	9 42.89	+22 3.9	1.900	2.871	4.2	21.8
2 11	9 32.42	+22 50.8	1.888	2.868	2.9	21.7
2 21	9 21.92	+23 27.3	1.907	2.864	6.0	21.9
3 2	9 12.51	+23 49.7	1.953	2.860	9.7	22.1
3 12	9 5.11	+23 56.9	2.025	2.855	13.0	22.3

259192 2003 AN_{34} 2 10.4 358.°20 11.°1/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 52.53	− 3 22.9	1.172	1.936	23.7	19.1
1 12	9 51.77	− 5 17.9	1.096	1.929	20.7	18.8
1 22	9 47.75	− 6 49.5	1.036	1.925	17.2	18.6
2 1	9 40.96	− 7 50.0	0.994	1.922	13.8	18.4
2 11	9 32.53	− 8 14.5	0.973	1.921	11.4	18.3
2 21	9 23.97	− 8 3.4	0.973	1.923	11.5	18.3
3 2	9 16.90	− 7 22.8	0.994	1.927	13.9	18.4
3 12	9 12.61	− 6 23.6	1.035	1.932	17.3	18.6

449111 2012 XJ_{45} 2 10.4 328.°21 3.°5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.96	+ 7 5.4	1.283	2.068	21.0	20.8
1 12	9 56.73	+ 6 35.7	1.197	2.060	17.2	20.6
1 22	9 51.13	+ 6 25.1	1.128	2.052	12.7	20.3
2 1	9 42.64	+ 6 34.0	1.080	2.045	7.6	20.0
2 11	9 32.43	+ 6 59.5	1.056	2.039	3.6	19.7
2 21	9 22.04	+ 7 35.9	1.057	2.033	6.4	19.9
3 2	9 13.13	+ 8 15.9	1.083	2.027	11.7	20.1
3 12	9 7.06	+ 8 52.3	1.131	2.022	16.7	20.4

6553 Seehaus 2 10.4 224.°02 0.°6/ 9.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 55.40	+12 23.3	2.481	3.242	12.6	17.8
1 12	9 52.11	+13 12.8	2.381	3.238	10.0	17.6
1 22	9 46.90	+14 14.2	2.305	3.234	6.8	17.4
2 1	9 40.17	+15 23.7	2.257	3.229	3.3	17.1
2 11	9 32.59	+16 36.2	2.238	3.225	0.7	16.9
2 21	9 24.92	+17 46.1	2.251	3.220	4.2	17.2
3 2	9 17.98	+18 48.5	2.292	3.215	7.7	17.4
3 12	9 12.50	+19 39.7	2.360	3.209	10.8	17.6

207480 2006 HC_{29} 2 10.4 242.°05 1.°8/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.64	+ 7 24.8	1.993	2.740	15.7	21.4
1 12	9 56.85	+ 7 34.6	1.882	2.725	12.8	21.2
1 22	9 50.56	+ 8 0.2	1.791	2.709	9.3	20.9
2 1	9 42.16	+ 8 40.3	1.727	2.692	5.2	20.7
2 11	9 32.46	+ 9 31.0	1.690	2.675	1.8	20.4
2 21	9 22.50	+10 27.0	1.683	2.656	4.7	20.6
3 2	9 13.42	+11 22.2	1.704	2.638	9.0	20.8
3 12	9 6.23	+12 11.3	1.752	2.618	13.0	21.0

522575 2016 EC_{245} 2 10.4 311.°38 7.°5/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.45	− 0 57.1	1.793	2.513	18.2	20.2
1 12	9 57.02	− 2 19.6	1.684	2.494	15.6	20.0
1 22	9 50.87	− 3 27.6	1.595	2.476	12.7	19.7
2 1	9 42.40	− 4 17.0	1.528	2.458	9.6	19.5
2 11	9 32.45	− 4 45.5	1.486	2.440	7.6	19.3
2 21	9 22.15	− 4 52.9	1.472	2.423	8.2	19.3
3 2	9 12.79	− 4 42.0	1.483	2.406	11.0	19.4
3 12	9 5.50	− 4 18.6	1.518	2.390	14.4	19.6

132196 2002 EU_{42} 2 10.4 270.°46 0.°8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.88	+ 9 51.5	1.784	2.550	16.6	20.9
1 12	9 56.68	+10 8.7	1.671	2.528	13.5	20.6
1 22	9 50.72	+10 42.4	1.579	2.505	9.6	20.3
2 1	9 42.36	+11 30.5	1.511	2.481	5.1	20.0
2 11	9 32.45	+12 28.0	1.471	2.458	0.8	19.6
2 21	9 22.17	+13 28.4	1.460	2.433	5.2	19.9
3 2	9 12.82	+14 24.7	1.475	2.409	10.2	20.1
3 12	9 5.58	+15 11.3	1.516	2.384	14.6	20.3

187208 2005 SD_{96} 2 10.4 165.°65 1.°1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.79	+15 23.5	2.290	3.054	13.4	21.9
1 12	9 56.43	+15 55.9	2.200	3.058	10.6	21.7
1 22	9 49.89	+16 37.3	2.133	3.062	7.2	21.5
2 1	9 41.66	+17 23.8	2.093	3.066	3.6	21.3
2 11	9 32.51	+18 10.2	2.084	3.069	1.2	21.1
2 21	9 23.38	+18 51.5	2.105	3.072	4.7	21.4
3 2	9 15.18	+19 24.0	2.155	3.074	8.3	21.6
3 12	9 8.70	+19 45.3	2.230	3.075	11.5	21.8

147274 2002 YB_{27} 2 10.4 309.°81 5.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.13	+ 1 13.5	1.806	2.534	17.8	19.6
1 12	9 57.33	+ 0 14.9	1.710	2.530	15.0	19.4
1 22	9 50.90	− 0 27.7	1.633	2.526	11.7	19.2
2 1	9 42.32	− 0 52.0	1.580	2.522	8.3	19.0
2 11	9 32.47	− 0 57.8	1.553	2.518	5.9	18.8
2 21	9 22.51	− 0 46.9	1.554	2.515	6.7	18.9
3 2	9 13.62	− 0 23.5	1.581	2.511	9.9	19.0
3 12	9 6.81	+ 0 6.5	1.633	2.508	13.4	19.2

342706 2008 VD_{80} 2 10.4 76.°59 2.°6/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.76	+ 6 45.3	2.314	3.049	14.1	20.5
1 12	9 55.50	+ 6 18.8	2.220	3.054	11.5	20.4
1 22	9 49.19	+ 6 3.4	2.149	3.058	8.4	20.2
2 1	9 41.29	+ 5 58.9	2.104	3.063	5.1	20.0
2 11	9 32.54	+ 6 3.3	2.088	3.068	2.7	19.8
2 21	9 23.82	+ 6 14.2	2.102	3.073	4.2	19.9
3 2	9 15.98	+ 6 28.3	2.145	3.077	7.5	20.1
3 12	9 9.77	+ 6 42.3	2.214	3.082	10.6	20.3

282982 2007 TM_{80} 2 10.4 99.°63 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 57.50	+13 29.7	2.413	3.175	12.9	21.3
1 12	9 53.64	+14 0.7	2.331	3.189	10.1	21.1
1 22	9 47.84	+14 41.2	2.274	3.202	6.9	20.9
2 1	9 40.59	+15 27.6	2.243	3.215	3.4	20.7
2 11	9 32.59	+16 15.3	2.242	3.228	0.6	20.5
2 21	9 24.66	+17 0.0	2.272	3.241	4.1	20.8
3 2	9 17.61	+17 37.6	2.330	3.254	7.5	21.0
3 12	9 12.11	+18 5.8	2.415	3.267	10.5	21.3

238067 2003 EH_{33} 2 10.4 235.°72 1.°1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.45	+ 8 37.4	1.825	2.584	16.6	21.1
1 12	9 56.93	+ 9 0.8	1.721	2.572	13.4	20.8
1 22	9 50.74	+ 9 41.7	1.637	2.560	9.6	20.5
2 1	9 42.30	+10 37.8	1.578	2.547	5.1	20.2
2 11	9 32.48	+11 43.7	1.548	2.534	1.1	19.9
2 21	9 22.42	+12 52.6	1.546	2.520	5.0	20.2
3 2	9 13.35	+13 57.5	1.572	2.505	9.7	20.4
3 12	9 6.37	+14 52.5	1.624	2.490	13.9	20.6

137021 1998 TV_2 2 10.4 42.°82 3.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.17	+ 4 7.3	1.518	2.279	19.3	19.7
1 12	9 55.27	+ 3 51.7	1.444	2.291	15.8	19.5
1 22	9 49.56	+ 3 56.8	1.388	2.302	11.7	19.2
2 1	9 41.63	+ 4 22.1	1.355	2.315	7.3	19.0
2 11	9 32.54	+ 5 3.9	1.348	2.327	3.9	18.8
2 21	9 23.55	+ 5 56.3	1.367	2.340	5.7	19.0
3 2	9 15.93	+ 6 51.9	1.413	2.354	9.8	19.2
3 12	9 10.63	+ 7 43.9	1.482	2.367	13.8	19.5

371055 2005 UX_{225} 2 10.4 105.°97 3.°5/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.71	+ 3 40.5	1.958	2.696	16.3	21.9
1 12	9 55.10	+ 3 28.0	1.869	2.701	13.4	21.7
1 22	9 49.15	+ 3 32.3	1.800	2.706	10.0	21.5
2 1	9 41.36	+ 3 53.1	1.756	2.711	6.3	21.3
2 11	9 32.55	+ 4 27.7	1.739	2.716	3.6	21.1
2 21	9 23.75	+ 5 11.7	1.751	2.721	4.9	21.2
3 2	9 15.96	+ 5 59.7	1.791	2.726	8.5	21.4
3 12	9 10.04	+ 6 46.3	1.856	2.731	12.0	21.6

500579 2012 UZ_{83} 2 10.4 168.°74 2.°8/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.60	+ 2 33.5	3.090	3.795	11.5	22.2
1 12	9 52.49	+ 2 27.2	2.989	3.799	9.5	22.0
1 22	9 46.86	+ 2 32.3	2.909	3.802	7.1	21.8
2 1	9 40.06	+ 2 48.5	2.857	3.805	4.7	21.7
2 11	9 32.64	+ 3 14.0	2.835	3.808	2.9	21.6
2 21	9 25.19	+ 3 46.4	2.843	3.810	3.6	21.6
3 2	9 18.35	+ 4 22.6	2.882	3.812	5.9	21.8
3 12	9 12.66	+ 4 59.2	2.949	3.813	8.4	21.9

345593 2006 SG_{75} 2 10.4 146.°64 0.°1/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.53	+12 40.9	2.884	3.635	11.2	21.6
1 12	9 52.57	+13 6.5	2.792	3.643	8.9	21.4
1 22	9 46.98	+13 40.3	2.725	3.650	6.1	21.3
2 1	9 40.14	+14 19.9	2.685	3.657	3.0	21.1
2 11	9 32.65	+15 1.5	2.676	3.663	0.2	20.8
2 21	9 25.17	+15 41.5	2.699	3.669	3.4	21.1
3 2	9 18.38	+16 16.8	2.751	3.675	6.5	21.3
3 12	9 12.87	+16 45.0	2.830	3.681	9.1	21.5

454330 2014 KZ_{75} 2 10.4 139.°16 0.°5/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.87	+10 22.6	2.019	2.769	15.5	22.2
1 12	9 59.02	+10 47.8	1.937	2.784	12.3	22.0
1 22	9 51.75	+11 26.5	1.876	2.799	8.6	21.8
2 1	9 42.61	+12 15.3	1.843	2.812	4.4	21.6
2 11	9 32.50	+13 8.8	1.839	2.825	0.5	21.3
2 21	9 22.47	+14 1.4	1.865	2.837	4.5	21.6
3 2	9 13.58	+14 48.0	1.920	2.848	8.6	21.9
3 12	9 6.67	+15 24.9	2.002	2.858	12.1	22.1

492708 2014 QH_{23} 2 10.4 206.°90 2.°4/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.52	+ 6 22.7	1.981	2.723	16.0	22.6
1 12	9 57.43	+ 6 21.1	1.880	2.719	13.1	22.4
1 22	9 50.87	+ 6 35.0	1.800	2.713	9.5	22.2
2 1	9 42.28	+ 7 3.4	1.745	2.708	5.6	21.9
2 11	9 32.52	+ 7 42.8	1.719	2.701	2.4	21.7
2 21	9 22.62	+ 8 28.6	1.721	2.694	4.7	21.8
3 2	9 13.70	+ 9 15.4	1.753	2.686	8.8	22.1
3 12	9 6.72	+ 9 58.0	1.810	2.678	12.6	22.3

377137 2003 MO_5 2 10.5 184.°39 3.°7/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.69	+ 1 30.3	2.656	3.358	13.2	21.0
1 12	9 55.22	+ 1 8.6	2.552	3.358	11.0	20.9
1 22	9 48.91	+ 0 59.9	2.470	3.358	8.4	20.7
2 1	9 41.15	+ 1 4.4	2.414	3.357	5.7	20.5
2 11	9 32.59	+ 1 21.0	2.387	3.356	3.8	20.4
2 21	9 23.97	+ 1 47.2	2.391	3.354	4.5	20.4
3 2	9 16.07	+ 2 19.6	2.424	3.352	7.0	20.6
3 12	9 9.56	+ 2 54.1	2.485	3.349	9.8	20.7

271309 2003 UZ_{356} 2 10.5 205.°49 0.°2/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.11	+12 0.1	2.241	3.001	13.8	21.7
1 12	9 54.40	+12 16.1	2.145	3.000	11.0	21.5
1 22	9 48.56	+12 42.9	2.072	2.999	7.6	21.3
2 1	9 41.04	+13 17.9	2.026	2.997	3.9	21.1
2 11	9 32.60	+13 56.7	2.008	2.995	0.3	20.8
2 21	9 24.12	+14 35.0	2.021	2.993	4.2	21.1
3 2	9 16.53	+15 8.4	2.062	2.991	8.0	21.3
3 12	9 10.60	+15 33.9	2.129	2.989	11.3	21.5

182436 2001 SJ_1 2 10.5 152.°73 1.°0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.48	+15 54.1	2.381	3.140	13.1	21.5
1 12	9 57.61	+16 19.1	2.293	3.149	10.3	21.4
1 22	9 50.62	+16 51.9	2.230	3.158	7.1	21.2
2 1	9 42.01	+17 28.6	2.194	3.166	3.5	20.9
2 11	9 32.55	+18 4.6	2.188	3.173	1.2	20.8
2 21	9 23.14	+18 35.7	2.213	3.180	4.5	21.0
3 2	9 14.70	+18 58.6	2.268	3.186	8.0	21.3
3 12	9 7.96	+19 11.5	2.349	3.192	11.0	21.5

89158 2001 UE_{44} 2 10.5 310.°61 0.°5/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.89	+10 26.5	1.407	2.196	19.2	19.4
1 12	9 55.64	+10 46.8	1.317	2.188	15.5	19.1
1 22	9 50.25	+11 26.6	1.247	2.180	10.9	18.9
2 1	9 42.19	+12 22.8	1.200	2.172	5.6	18.5
2 11	9 32.53	+13 28.5	1.178	2.165	0.5	18.1
2 21	9 22.69	+14 35.0	1.183	2.158	6.0	18.5
3 2	9 14.21	+15 33.8	1.213	2.151	11.4	18.8
3 12	9 8.33	+16 19.0	1.265	2.144	16.2	19.0

412570 2014 NQ_{60} 2 10.5 207.°61 0.°5/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.94	+11 35.1	2.137	2.887	14.7	22.3
1 12	9 59.19	+11 44.7	2.032	2.880	11.8	22.1
1 22	9 52.00	+12 5.6	1.950	2.873	8.3	21.8
2 1	9 42.83	+12 35.3	1.895	2.865	4.3	21.6
2 11	9 32.50	+13 9.7	1.869	2.856	0.5	21.2
2 21	9 22.05	+13 44.0	1.874	2.846	4.5	21.5
3 2	9 12.55	+14 13.9	1.908	2.835	8.6	21.8
3 12	9 4.93	+14 36.2	1.968	2.824	12.3	22.0

210797 2001 FS_7 2 10.5 52.°61 1.°9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.84	+16 5.0	1.435	2.233	18.5	20.2
1 12	9 57.62	+16 40.6	1.369	2.247	14.5	20.0
1 22	9 51.28	+17 29.1	1.323	2.261	9.9	19.7
2 1	9 42.51	+18 24.1	1.301	2.276	4.9	19.5
2 11	9 32.53	+19 17.1	1.306	2.290	2.1	19.3
2 21	9 22.77	+20 0.7	1.337	2.306	6.5	19.6
3 2	9 14.61	+20 29.6	1.394	2.321	11.2	19.9
3 12	9 9.09	+20 42.0	1.474	2.337	15.3	20.2

148686 2001 SS_{235} 2 10.5 147.°53 0.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.19	+14 31.3	2.218	2.981	13.9	21.2
1 12	9 56.78	+14 59.3	2.132	2.989	10.9	21.0
1 22	9 50.15	+15 36.9	2.069	2.998	7.5	20.8
2 1	9 41.81	+16 20.3	2.033	3.005	3.7	20.6
2 11	9 32.57	+17 4.3	2.026	3.012	0.9	20.4
2 21	9 23.38	+17 44.1	2.050	3.019	4.6	20.7
3 2	9 15.17	+18 15.7	2.103	3.025	8.3	20.9
3 12	9 8.75	+18 36.9	2.182	3.030	11.5	21.1

122576 2000 RV_{17} 2 10.5 245.°15 2.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.45	+ 5 11.7	1.954	2.692	16.3	20.6
1 12	9 57.60	+ 5 9.1	1.840	2.674	13.5	20.3
1 22	9 51.16	+ 5 23.2	1.746	2.656	10.0	20.1
2 1	9 42.54	+ 5 53.8	1.677	2.637	6.0	19.8
2 11	9 32.52	+ 6 38.0	1.635	2.617	2.9	19.6
2 21	9 22.18	+ 7 30.9	1.624	2.596	5.0	19.6
3 2	9 12.71	+ 8 26.7	1.640	2.574	9.2	19.8
3 12	9 5.18	+ 9 19.4	1.682	2.552	13.3	20.0

331342 2012 BJ_{112} 2 10.5 83.°30 0.°3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.34	+13 42.1	1.728	2.499	16.9	21.2
1 12	9 59.83	+13 31.9	1.648	2.508	13.5	21.0
1 22	9 52.54	+13 31.9	1.589	2.517	9.3	20.7
2 1	9 43.08	+13 39.2	1.555	2.526	4.7	20.5
2 11	9 32.51	+13 49.5	1.549	2.535	0.3	20.1
2 21	9 22.08	+13 58.7	1.571	2.544	5.0	20.5
3 2	9 13.03	+14 3.3	1.622	2.553	9.5	20.8
3 12	9 6.29	+14 0.9	1.697	2.562	13.4	21.1

18579 Duongtuyenvu 2 10.5 177.°87 0.°0/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.17	+12 13.6	2.224	2.981	14.0	19.2
1 12	9 56.04	+12 38.0	2.130	2.983	11.1	19.0
1 22	9 49.70	+13 13.7	2.058	2.984	7.7	18.8
2 1	9 41.62	+13 57.5	2.014	2.985	3.8	18.6
2 11	9 32.60	+14 44.7	1.998	2.985	0.2	18.2
2 21	9 23.53	+15 30.2	2.014	2.985	4.3	18.6
3 2	9 15.40	+16 9.7	2.058	2.984	8.2	18.8
3 12	9 8.98	+16 39.9	2.128	2.983	11.5	19.0

285141 1995 TG_{12} 2 10.5 208.°81 3.°6/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.55	+ 0 25.8	2.716	3.421	12.9	21.0
1 12	9 51.99	+ 0 17.3	2.611	3.418	10.8	20.8
1 22	9 46.70	+ 0 22.9	2.527	3.414	8.3	20.7
2 1	9 40.08	+ 0 42.8	2.468	3.411	5.7	20.5
2 11	9 32.70	+ 1 15.3	2.438	3.407	3.8	20.4
2 21	9 25.25	+ 1 57.6	2.438	3.403	4.3	20.4
3 2	9 18.45	+ 2 45.7	2.468	3.399	6.7	20.5
3 12	9 12.94	+ 3 35.3	2.525	3.394	9.4	20.7

106671 2000 WT_{150} 2 10.5 111.°78 9.°5/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 13.51	+ 0 9.1	1.249	1.983	24.0	19.1
1 12	10 8.18	− 1 52.3	1.176	1.995	20.5	18.9
1 22	9 58.96	− 3 35.1	1.119	2.006	16.3	18.6
2 1	9 46.53	− 4 52.7	1.084	2.018	12.2	18.4
2 11	9 32.32	− 5 40.1	1.073	2.028	9.6	18.3
2 21	9 18.19	− 5 57.2	1.088	2.039	10.4	18.4
3 2	9 6.03	− 5 48.7	1.127	2.048	13.8	18.6
3 12	8 57.21	− 5 23.8	1.188	2.058	17.7	18.9

175228 2005 GO_{121} 2 10.5 267.°00 2.°0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.35	+16 45.1	1.786	2.571	15.9	20.7
1 12	9 57.00	+17 21.5	1.687	2.557	12.6	20.4
1 22	9 50.87	+18 9.5	1.609	2.544	8.7	20.2
2 1	9 42.41	+19 4.0	1.557	2.530	4.4	19.9
2 11	9 32.56	+19 58.1	1.533	2.516	2.2	19.7
2 21	9 22.50	+20 44.6	1.536	2.502	6.2	19.9
3 2	9 13.56	+21 18.0	1.567	2.488	10.7	20.1
3 12	9 6.82	+21 35.8	1.622	2.474	14.7	20.3

299082 2005 EV_{41} 2 10.5 86.°64 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.79	+11 39.8	1.668	2.435	17.6	21.2
1 12	10 0.07	+11 57.6	1.603	2.461	13.9	21.0
1 22	9 52.60	+12 29.3	1.560	2.487	9.6	20.8
2 1	9 43.05	+13 10.7	1.542	2.513	4.8	20.6
2 11	9 32.54	+13 55.8	1.552	2.538	0.3	20.2
2 21	9 22.33	+14 38.3	1.590	2.563	5.0	20.7
3 2	9 13.61	+15 13.4	1.657	2.587	9.5	21.0
3 12	9 7.24	+15 37.9	1.748	2.611	13.2	21.3

502654 2015 CO_{44} 2 10.5 284.°83 1.°0/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.46	+11 10.5	2.250	3.005	13.9	20.8
1 12	9 55.44	+11 1.8	2.152	3.002	11.2	20.6
1 22	9 49.27	+11 2.8	2.077	2.999	7.9	20.4
2 1	9 41.41	+11 11.8	2.028	2.996	4.2	20.2
2 11	9 32.63	+11 25.7	2.008	2.993	1.0	19.9
2 21	9 23.82	+11 41.2	2.017	2.990	4.1	20.2
3 2	9 15.90	+11 55.1	2.056	2.988	7.8	20.4
3 12	9 9.66	+12 4.7	2.120	2.985	11.2	20.6

290278 2005 SO_{149} 2 10.5 47.°39 2.°0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.15	+16 34.0	1.655	2.447	16.7	21.2
1 12	9 55.92	+17 12.3	1.584	2.458	13.1	21.0
1 22	9 49.94	+18 1.8	1.533	2.470	8.9	20.8
2 1	9 41.82	+18 56.6	1.508	2.481	4.4	20.6
2 11	9 32.61	+19 49.3	1.509	2.493	2.2	20.4
2 21	9 23.54	+20 33.2	1.539	2.506	6.1	20.7
3 2	9 15.82	+21 3.6	1.595	2.519	10.3	21.0
3 12	9 10.38	+21 18.5	1.675	2.531	14.0	21.2

154875 2004 RW_{114} 2 10.5 152.°74 1.°7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.28	+17 18.6	2.497	3.262	12.4	20.9
1 12	9 55.85	+18 0.3	2.411	3.271	9.8	20.7
1 22	9 49.41	+18 49.2	2.348	3.279	6.6	20.5
2 1	9 41.43	+19 41.2	2.314	3.286	3.3	20.3
2 11	9 32.64	+20 31.0	2.310	3.293	1.9	20.2
2 21	9 23.88	+21 14.1	2.337	3.300	4.7	20.4
3 2	9 16.00	+21 47.0	2.394	3.305	7.9	20.7
3 12	9 9.70	+22 8.0	2.476	3.311	10.8	20.8

139673 2001 QS_{202} 2 10.5 55.°37 2.°5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.41	+17 52.3	1.551	2.346	17.5	19.4
1 12	9 57.79	+18 32.3	1.489	2.365	13.7	19.2
1 22	9 51.23	+19 22.4	1.448	2.385	9.3	19.0
2 1	9 42.44	+20 15.9	1.432	2.405	4.7	18.8
2 11	9 32.59	+21 4.7	1.442	2.425	2.7	18.7
2 21	9 23.02	+21 42.3	1.481	2.446	6.5	19.0
3 2	9 15.00	+22 4.5	1.545	2.466	10.8	19.3
3 12	9 9.45	+22 10.3	1.633	2.487	14.5	19.6

42028 2000 YT_{88} 2 10.5 249.°69 3.°8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.65	+20 1.0	1.741	2.533	15.9	18.9
1 12	9 57.36	+21 4.3	1.649	2.524	12.6	18.6
1 22	9 51.18	+22 18.6	1.579	2.515	8.8	18.4
2 1	9 42.59	+23 36.4	1.535	2.506	5.0	18.1
2 11	9 32.57	+24 48.6	1.519	2.496	4.1	18.1
2 21	9 22.39	+25 47.0	1.531	2.486	7.5	18.2
3 2	9 13.41	+26 25.9	1.570	2.476	11.7	18.5
3 12	9 6.75	+26 43.8	1.631	2.466	15.4	18.7

15969 Charlesgreen 2 10.5 145.°03 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.83	+13 3.4	2.588	3.349	12.2	17.9
1 12	9 52.30	+13 43.0	2.497	3.353	9.6	17.7
1 22	9 46.96	+14 32.6	2.429	3.357	6.6	17.6
2 1	9 40.22	+15 28.6	2.388	3.361	3.2	17.3
2 11	9 32.72	+16 26.6	2.378	3.364	0.6	17.1
2 21	9 25.21	+17 21.8	2.399	3.368	3.9	17.4
3 2	9 18.44	+18 10.1	2.448	3.371	7.2	17.6
3 12	9 13.08	+18 48.7	2.525	3.374	10.1	17.8

281717 2008 WO_{113} 2 10.5 159.°91 6.°9/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.61	− 6 37.3	2.347	3.018	15.5	20.7
1 12	9 53.91	− 7 25.9	2.249	3.019	13.5	20.5
1 22	9 48.20	− 7 56.6	2.171	3.020	11.1	20.4
2 1	9 40.90	− 8 7.0	2.115	3.021	8.8	20.2
2 11	9 32.68	− 7 56.6	2.086	3.022	7.1	20.1
2 21	9 24.39	− 7 27.1	2.084	3.023	7.1	20.1
3 2	9 16.88	− 6 42.5	2.110	3.023	8.7	20.2
3 12	9 10.91	− 5 48.6	2.161	3.024	11.1	20.4

300578 2007 TF_{367} 2 10.5 176.°29 2.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.35	+18 55.2	1.838	2.616	15.8	21.4
1 12	10 0.68	+19 23.6	1.752	2.618	12.5	21.2
1 22	9 53.21	+19 59.9	1.687	2.619	8.6	20.9
2 1	9 43.48	+20 38.6	1.649	2.620	4.4	20.7
2 11	9 32.53	+21 13.1	1.639	2.621	2.6	20.5
2 21	9 21.62	+21 37.7	1.658	2.621	6.2	20.8
3 2	9 12.00	+21 48.9	1.705	2.620	10.3	21.0
3 12	9 4.68	+21 45.8	1.776	2.619	14.0	21.2

171882 2001 QW_{290} 2 10.5 78.°40 0.°5/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.91	+13 40.0	2.294	3.059	13.4	20.5
1 12	9 54.04	+14 8.7	2.218	3.077	10.5	20.3
1 22	9 48.18	+14 46.9	2.166	3.095	7.2	20.2
2 1	9 40.81	+15 31.1	2.140	3.112	3.5	20.0
2 11	9 32.70	+16 16.5	2.143	3.130	0.6	19.7
2 21	9 24.70	+16 58.4	2.177	3.147	4.2	20.1
3 2	9 17.64	+17 33.0	2.239	3.164	7.7	20.3
3 12	9 12.22	+17 58.1	2.328	3.181	10.7	20.5

219363 2000 RD_{99} 2 10.5 143.°43 4.°6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.45	− 1 29.1	2.443	3.136	14.5	21.3
1 12	9 55.16	− 1 47.3	2.350	3.146	12.2	21.2
1 22	9 48.93	− 1 49.2	2.278	3.156	9.5	21.0
2 1	9 41.20	− 1 34.3	2.231	3.166	6.7	20.9
2 11	9 32.68	− 1 3.9	2.213	3.175	4.7	20.7
2 21	9 24.15	− 0 21.4	2.224	3.183	5.1	20.8
3 2	9 16.45	+ 0 29.0	2.264	3.191	7.5	20.9
3 12	9 10.26	+ 1 22.1	2.332	3.199	10.2	21.1

62252 2000 SW_{82} 2 10.5 137.°62 3.°8/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.78	+22 30.3	1.984	2.772	14.4	19.7
1 12	9 56.93	+23 21.9	1.902	2.774	11.4	19.5
1 22	9 50.53	+24 19.2	1.843	2.776	7.9	19.3
2 1	9 42.11	+25 15.7	1.811	2.778	4.7	19.1
2 11	9 32.62	+26 4.1	1.807	2.780	4.1	19.1
2 21	9 23.17	+26 38.7	1.832	2.782	6.9	19.3
3 2	9 14.88	+26 56.1	1.884	2.784	10.4	19.5
3 12	9 8.66	+26 56.1	1.959	2.786	13.5	19.7

280536 2004 RE_{49} 2 10.5 138.°92 2.°5/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.43	+19 41.7	2.070	2.849	14.2	20.5
1 12	9 57.24	+20 13.7	1.986	2.853	11.2	20.3
1 22	9 50.63	+20 52.2	1.924	2.857	7.7	20.0
2 1	9 42.13	+21 32.1	1.889	2.861	4.1	19.8
2 11	9 32.64	+22 7.5	1.884	2.864	2.7	19.7
2 21	9 23.21	+22 33.6	1.907	2.868	5.7	19.9
3 2	9 14.88	+22 47.0	1.958	2.871	9.4	20.2
3 12	9 8.51	+22 47.0	2.034	2.874	12.6	20.4

270558 2002 GB_{185} 2 10.5 347.°62 7.°5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.06	+31 6.3	1.670	2.474	16.0	20.2
1 12	9 58.73	+32 9.4	1.595	2.469	13.0	20.0
1 22	9 52.19	+33 12.0	1.541	2.465	10.0	19.8
2 1	9 43.08	+34 4.2	1.512	2.461	7.8	19.7
2 11	9 32.58	+34 36.7	1.509	2.458	8.0	19.7
2 21	9 22.19	+34 43.4	1.531	2.456	10.4	19.8
3 2	9 13.37	+34 23.2	1.578	2.454	13.5	20.0
3 12	9 7.24	+33 38.9	1.646	2.452	16.6	20.2

29027 7587 *P–L* 2 10.5 61.°00 2.°4/ 8.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.93	+17 51.8	1.635	2.427	16.8	19.0
1 12	9 57.38	+18 30.6	1.564	2.439	13.2	18.8
1 22	9 50.98	+19 19.4	1.515	2.451	9.0	18.6
2 1	9 42.37	+20 12.0	1.490	2.463	4.6	18.3
2 11	9 32.63	+21 0.8	1.493	2.476	2.7	18.2
2 21	9 23.06	+21 39.1	1.524	2.488	6.4	18.5
3 2	9 14.91	+22 2.6	1.581	2.501	10.6	18.8
3 12	9 9.14	+22 10.1	1.661	2.514	14.3	19.0

87569 2000 RS_{12} 2 10.5 220.°56 1.°1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.44	+11 33.0	2.071	2.825	15.0	19.9
1 12	9 58.80	+11 14.6	1.972	2.821	12.1	19.7
1 22	9 51.73	+11 5.6	1.895	2.817	8.6	19.4
2 1	9 42.71	+11 4.4	1.844	2.813	4.6	19.2
2 11	9 32.61	+11 8.3	1.822	2.808	1.2	18.9
2 21	9 22.46	+11 14.0	1.830	2.803	4.4	19.1
3 2	9 13.34	+11 18.4	1.867	2.799	8.5	19.4
3 12	9 6.14	+11 19.0	1.930	2.793	12.2	19.6

188336 2003 QB_{58} 2 10.5 164.°09 0.°7/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.49	+13 44.5	2.056	2.818	14.8	21.7
1 12	9 58.06	+14 17.6	1.967	2.824	11.7	21.5
1 22	9 51.20	+15 2.3	1.901	2.829	8.1	21.3
2 1	9 42.44	+15 54.3	1.862	2.834	4.0	21.1
2 11	9 32.63	+16 47.8	1.852	2.838	0.9	20.8
2 21	9 22.83	+17 37.0	1.872	2.841	4.9	21.1
3 2	9 14.08	+18 17.3	1.921	2.843	8.9	21.4
3 12	9 7.27	+18 45.7	1.995	2.845	12.4	21.6

318341 2004 TQ_{231} 2 10.5 118.°13 0.°9/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.48	+10 10.9	2.147	2.902	14.5	21.7
1 12	9 55.50	+10 18.9	2.060	2.909	11.6	21.5
1 22	9 49.32	+10 38.8	1.995	2.917	8.2	21.3
2 1	9 41.45	+11 8.3	1.956	2.925	4.3	21.1
2 11	9 32.69	+11 43.5	1.946	2.932	0.9	20.8
2 21	9 23.97	+12 19.8	1.966	2.939	4.1	21.1
3 2	9 16.22	+12 53.1	2.014	2.946	7.9	21.3
3 12	9 10.23	+13 19.9	2.089	2.953	11.3	21.6

432174 2009 CS_{15} 2 10.5 209.°06 2.°1/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.68	+ 6 58.3	2.919	3.640	11.8	21.8
1 12	9 55.07	+ 6 40.9	2.809	3.635	9.6	21.7
1 22	9 48.76	+ 6 32.6	2.723	3.629	7.0	21.5
2 1	9 41.11	+ 6 32.7	2.664	3.623	4.2	21.3
2 11	9 32.71	+ 6 39.8	2.636	3.616	2.1	21.1
2 21	9 24.26	+ 6 51.5	2.639	3.609	3.5	21.2
3 2	9 16.45	+ 7 5.4	2.673	3.602	6.4	21.4
3 12	9 9.92	+ 7 18.9	2.734	3.594	9.1	21.6

211622 2003 UQ_{106} 2 10.5 213.°59 1.°4/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.98	+10 0.5	1.916	2.671	16.0	20.6
1 12	9 58.70	+ 9 53.6	1.817	2.666	13.0	20.4
1 22	9 51.82	+ 9 59.3	1.739	2.661	9.2	20.1
2 1	9 42.83	+10 15.8	1.687	2.655	5.0	19.9
2 11	9 32.62	+10 39.6	1.663	2.649	1.4	19.6
2 21	9 22.30	+11 6.1	1.669	2.642	4.7	19.8
3 2	9 13.06	+11 31.1	1.702	2.635	9.1	20.1
3 12	9 5.86	+11 50.6	1.761	2.628	13.0	20.3

466706 2014 WQ_{432} 2 10.5 323.°43 8.°5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.34	+34 6.0	1.816	2.613	15.2	21.3
1 12	9 59.64	+35 30.4	1.743	2.609	12.5	21.1
1 22	9 52.78	+36 52.5	1.693	2.606	10.0	21.0
2 1	9 43.38	+38 1.9	1.668	2.603	8.6	20.9
2 11	9 32.59	+38 48.9	1.670	2.600	9.0	20.9
2 21	9 21.86	+39 7.5	1.696	2.597	11.1	21.0
3 2	9 12.65	+38 56.5	1.747	2.595	13.9	21.2
3 12	9 6.08	+38 19.1	1.818	2.592	16.5	21.4

370771 2004 RX_{309} 2 10.5 152.°33 0.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.55	+13 13.2	2.379	3.139	13.1	21.4
1 12	9 54.61	+14 1.1	2.290	3.146	10.3	21.2
1 22	9 48.65	+15 0.1	2.224	3.153	7.1	21.1
2 1	9 41.11	+16 6.1	2.187	3.159	3.4	20.8
2 11	9 32.72	+17 13.5	2.179	3.165	0.9	20.6
2 21	9 24.32	+18 17.0	2.202	3.170	4.4	20.9
3 2	9 16.78	+19 11.7	2.255	3.175	7.9	21.1
3 12	9 10.81	+19 54.6	2.334	3.180	11.0	21.3

463258 2012 GJ_1 2 10.5 237.°34 2.°6/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.85	+17 57.8	2.169	2.947	13.7	21.3
1 12	9 55.30	+18 58.6	2.069	2.937	10.8	21.1
1 22	9 49.42	+20 9.7	1.993	2.926	7.4	20.9
2 1	9 41.63	+21 25.7	1.943	2.915	3.9	20.6
2 11	9 32.70	+22 39.4	1.924	2.903	2.8	20.5
2 21	9 23.60	+23 44.2	1.933	2.892	5.9	20.7
3 2	9 15.39	+24 34.9	1.972	2.879	9.6	20.9
3 12	9 8.97	+25 8.9	2.035	2.867	12.9	21.1

341596 2007 UA_{99} 2 10.5 24.°64 5.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.44	− 2 16.9	2.170	2.877	15.7	20.5
1 12	9 52.34	− 2 45.8	2.078	2.881	13.3	20.4
1 22	9 47.19	− 2 56.5	2.006	2.885	10.5	20.2
2 1	9 40.42	− 2 48.0	1.957	2.889	7.7	20.0
2 11	9 32.77	− 2 21.2	1.934	2.893	5.6	19.9
2 21	9 25.09	− 1 39.1	1.940	2.898	5.9	19.9
3 2	9 18.26	− 0 46.8	1.973	2.903	8.2	20.1
3 12	9 13.04	+ 0 9.9	2.032	2.908	11.1	20.2

225298 1995 UM_{16} 2 10.5 83.°50 1.°5/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.59	+ 7 50.3	1.993	2.748	15.5	20.8
1 12	9 54.21	+ 8 6.0	1.907	2.755	12.5	20.6
1 22	9 48.56	+ 8 37.1	1.842	2.762	8.9	20.4
2 1	9 41.13	+ 9 21.1	1.803	2.770	4.9	20.2
2 11	9 32.74	+10 13.6	1.792	2.777	1.5	20.0
2 21	9 24.37	+11 9.1	1.810	2.784	4.3	20.2
3 2	9 17.01	+12 1.9	1.856	2.791	8.3	20.4
3 12	9 11.47	+12 47.5	1.928	2.798	11.8	20.7

3111 Misuzu 2 10.5 92.°47 1.°1/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.15	+13 42.2	1.456	2.241	18.9	17.1
1 12	10 0.16	+14 18.4	1.390	2.259	14.9	16.9
1 22	9 53.03	+15 9.8	1.344	2.277	10.2	16.7
2 1	9 43.44	+16 10.4	1.322	2.295	5.0	16.4
2 11	9 32.62	+17 11.9	1.327	2.313	1.2	16.2
2 21	9 22.05	+18 6.1	1.359	2.330	6.1	16.6
3 2	9 13.12	+18 47.1	1.418	2.347	10.9	16.9
3 12	9 6.85	+19 12.2	1.501	2.363	15.1	17.2

345966 2007 TW_{53} 2 10.5 59.°93 2.°5/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.16	+19 51.8	2.121	2.903	13.8	20.6
1 12	9 55.30	+20 28.2	2.048	2.918	10.8	20.5
1 22	9 49.19	+21 10.6	1.999	2.932	7.4	20.3
2 1	9 41.39	+21 53.8	1.976	2.947	3.9	20.1
2 11	9 32.75	+22 32.2	1.982	2.962	2.7	20.0
2 21	9 24.26	+23 1.0	2.017	2.977	5.6	20.2
3 2	9 16.86	+23 17.4	2.080	2.992	8.9	20.5
3 12	9 11.30	+23 20.5	2.168	3.007	12.0	20.7

471106 2010 BY_{70} 2 10.5 170.°29 8.°1/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.53	+43 55.2	2.938	3.695	10.9	21.8
1 12	9 59.58	+45 24.8	2.877	3.698	9.5	21.7
1 22	9 52.22	+46 46.6	2.840	3.701	8.5	21.6
2 1	9 42.95	+47 53.4	2.831	3.703	8.1	21.6
2 11	9 32.66	+48 39.0	2.848	3.705	8.6	21.6
2 21	9 22.39	+49 0.5	2.890	3.706	9.8	21.7
3 2	9 13.21	+48 57.5	2.956	3.707	11.2	21.8
3 12	9 5.96	+48 32.6	3.043	3.708	12.6	21.9

421116 2013 QS_{75} 2 10.5 304.°93 0.°5/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.28	+16 23.3	1.774	2.550	16.3	20.6
1 12	10 0.00	+16 9.3	1.678	2.542	13.0	20.3
1 22	9 52.86	+16 2.4	1.603	2.534	9.1	20.1
2 1	9 43.40	+15 59.5	1.554	2.526	4.5	19.8
2 11	9 32.64	+15 56.7	1.532	2.519	0.7	19.5
2 21	9 21.82	+15 50.0	1.540	2.511	5.3	19.8
3 2	9 12.27	+15 36.9	1.575	2.504	9.9	20.0
3 12	9 5.01	+15 16.2	1.634	2.497	14.0	20.3

408260 2013 FN_9 2 10.5 255.°20 1.°0/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.12	+ 9 48.7	1.817	2.579	16.5	21.9
1 12	9 57.57	+ 9 57.8	1.709	2.563	13.4	21.7
1 22	9 51.30	+10 22.2	1.622	2.546	9.6	21.4
2 1	9 42.71	+10 59.6	1.560	2.529	5.1	21.1
2 11	9 32.69	+11 45.8	1.525	2.511	1.0	20.8
2 21	9 22.37	+12 34.8	1.519	2.493	5.0	21.0
3 2	9 13.05	+13 20.4	1.541	2.475	9.8	21.2
3 12	9 5.83	+13 57.9	1.588	2.456	14.1	21.5

157110 2004 LG_{11} 2 10.5 21.°10 3.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.24	+ 4 44.5	1.278	2.058	21.3	20.4
1 12	9 55.26	+ 4 44.5	1.201	2.060	17.5	20.2
1 22	9 50.04	+ 5 9.5	1.141	2.063	12.8	19.9
2 1	9 42.14	+ 5 58.7	1.103	2.067	7.6	19.6
2 11	9 32.72	+ 7 6.9	1.088	2.071	3.5	19.4
2 21	9 23.28	+ 8 25.2	1.100	2.076	6.1	19.6
3 2	9 15.36	+ 9 43.4	1.136	2.081	11.2	19.9
3 12	9 10.16	+10 52.6	1.194	2.086	16.0	20.1

121261 1999 RY_{97} 2 10.5 112.°96 1.°0/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.23	+ 8 57.6	2.170	2.922	14.4	20.2
1 12	9 54.51	+ 9 18.9	2.084	2.932	11.6	20.0
1 22	9 48.66	+ 9 53.7	2.021	2.942	8.1	19.8
2 1	9 41.16	+10 39.4	1.984	2.952	4.3	19.6
2 11	9 32.80	+11 31.4	1.975	2.961	1.0	19.4
2 21	9 24.47	+12 24.8	1.997	2.971	4.1	19.6
3 2	9 17.09	+13 14.4	2.047	2.980	7.8	19.9
3 12	9 11.40	+13 56.4	2.124	2.988	11.2	20.1

405066 2001 TS_{182} 2 10.5 57.°00 6.°0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 8.30	+27 47.2	1.571	2.367	17.2	20.7
1 12	10 3.20	+28 32.3	1.522	2.394	13.6	20.5
1 22	9 54.89	+29 16.9	1.493	2.422	9.8	20.3
2 1	9 44.24	+29 52.2	1.490	2.449	6.7	20.2
2 11	9 32.65	+30 10.2	1.513	2.477	6.2	20.3
2 21	9 21.61	+30 6.9	1.564	2.505	8.8	20.5
3 2	9 12.50	+29 42.2	1.640	2.533	12.1	20.7
3 12	9 6.18	+28 59.6	1.738	2.560	15.2	21.0

224377 2005 UP_{182} 2 10.5 179.°04 2.°1/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.13	+18 28.9	2.400	3.168	12.8	21.1
1 12	9 56.71	+19 9.7	2.308	3.170	10.1	20.9
1 22	9 50.15	+19 57.5	2.240	3.171	6.9	20.7
2 1	9 41.92	+20 47.8	2.200	3.171	3.6	20.5
2 11	9 32.77	+21 35.2	2.190	3.171	2.3	20.4
2 21	9 23.60	+22 14.7	2.210	3.171	5.1	20.6
3 2	9 15.33	+22 42.9	2.260	3.169	8.4	20.8
3 12	9 8.74	+22 58.4	2.335	3.168	11.4	20.9

465975 2011 CP_{25} 2 10.5 313.°05 1.°7/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.07	+10 8.7	1.760	2.529	16.7	20.6
1 12	9 55.96	+ 9 51.7	1.657	2.515	13.6	20.4
1 22	9 50.16	+ 9 47.3	1.575	2.500	9.7	20.1
2 1	9 42.13	+ 9 54.3	1.517	2.486	5.4	19.8
2 11	9 32.75	+10 9.7	1.487	2.472	1.7	19.5
2 21	9 23.18	+10 29.1	1.484	2.458	5.0	19.7
3 2	9 14.66	+10 48.2	1.508	2.445	9.6	20.0
3 12	9 8.26	+11 2.8	1.556	2.432	13.8	20.2

186391 2002 LG_{17} 2 10.5 201.°64 0.°6/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.13	+12 47.3	1.773	2.540	16.7	21.5
1 12	9 59.94	+13 21.4	1.677	2.536	13.3	21.2
1 22	9 52.90	+14 10.4	1.603	2.531	9.3	21.0
2 1	9 43.49	+15 10.0	1.553	2.526	4.6	20.7
2 11	9 32.68	+16 13.3	1.533	2.519	0.8	20.4
2 21	9 21.71	+17 13.0	1.542	2.512	5.5	20.7
3 2	9 11.92	+18 2.7	1.579	2.504	10.2	20.9
3 12	9 4.39	+18 38.5	1.640	2.495	14.4	21.2

91584 1999 SQ_{20} 2 10.5 189.°87 5.°9/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.24	+32 38.7	2.703	3.477	11.3	20.1
1 12	9 58.41	+33 53.9	2.622	3.476	9.2	19.9
1 22	9 51.36	+35 7.8	2.565	3.474	7.2	19.8
2 1	9 42.54	+36 13.5	2.536	3.472	6.0	19.7
2 11	9 32.75	+37 4.7	2.537	3.468	6.3	19.7
2 21	9 22.93	+37 37.1	2.567	3.465	8.0	19.8
3 2	9 14.05	+37 48.8	2.623	3.460	10.1	19.9
3 12	9 6.91	+37 41.0	2.703	3.455	12.2	20.1

30134 2000 FR_{49} 2 10.5 26.°45 6.°5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 8.80	+29 48.0	1.637	2.430	16.7	17.8
1 12	10 3.92	+30 20.3	1.563	2.433	13.5	17.6
1 22	9 55.68	+30 51.0	1.510	2.435	10.0	17.4
2 1	9 44.81	+31 11.2	1.482	2.438	7.1	17.2
2 11	9 32.64	+31 12.9	1.480	2.442	6.7	17.2
2 21	9 20.75	+30 51.8	1.506	2.445	9.3	17.3
3 2	9 10.66	+30 7.9	1.558	2.449	12.7	17.6
3 12	9 3.44	+29 5.1	1.631	2.453	16.1	17.8

185895 2000 RC_1 2 10.5 186.°76 1.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.67	+ 5 27.3	2.702	3.424	12.6	21.0
1 12	9 54.48	+ 5 45.4	2.597	3.424	10.3	20.8
1 22	9 48.48	+ 6 16.6	2.515	3.422	7.4	20.6
2 1	9 41.07	+ 6 59.5	2.461	3.421	4.4	20.4
2 11	9 32.86	+ 7 50.8	2.436	3.418	1.9	20.2
2 21	9 24.58	+ 8 46.7	2.443	3.415	3.6	20.3
3 2	9 16.99	+ 9 42.6	2.480	3.411	6.7	20.5
3 12	9 10.74	+10 34.6	2.545	3.406	9.6	20.7

14105 Nakadai 2 10.5 156.°47 3.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.47	+ 0 30.9	2.558	3.265	13.6	18.4
1 12	9 52.82	+ 0 28.2	2.460	3.269	11.3	18.2
1 22	9 47.37	+ 0 40.8	2.384	3.273	8.6	18.1
2 1	9 40.51	+ 1 8.6	2.333	3.277	5.8	17.9
2 11	9 32.89	+ 1 49.5	2.310	3.280	3.7	17.7
2 21	9 25.24	+ 2 40.0	2.317	3.284	4.4	17.8
3 2	9 18.31	+ 3 35.7	2.354	3.286	6.9	18.0
3 12	9 12.76	+ 4 31.7	2.418	3.289	9.7	18.1

132688 2002 NF_{27} 2 10.5 212.°15 0.°5/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.63	+15 49.0	2.582	3.336	12.4	20.3
1 12	9 57.70	+15 48.8	2.479	3.331	9.8	20.1
1 22	9 50.74	+15 54.6	2.399	3.325	6.8	19.9
2 1	9 42.21	+16 3.7	2.347	3.319	3.4	19.7
2 11	9 32.81	+16 12.9	2.326	3.312	0.6	19.4
2 21	9 23.37	+16 19.2	2.335	3.305	4.0	19.7
3 2	9 14.77	+16 20.3	2.375	3.298	7.4	19.9
3 12	9 7.72	+16 14.7	2.442	3.290	10.5	20.1

57718 2001 UJ_{127} 2 10.5 251.°67 2.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.92	+ 3 35.8	1.973	2.713	16.1	19.2
1 12	9 53.88	+ 3 45.5	1.872	2.707	13.3	19.0
1 22	9 48.51	+ 4 13.9	1.792	2.701	9.8	18.8
2 1	9 41.24	+ 5 0.2	1.736	2.695	6.1	18.5
2 11	9 32.85	+ 6 1.0	1.708	2.688	3.1	18.3
2 21	9 24.33	+ 7 10.7	1.709	2.682	4.7	18.4
3 2	9 16.72	+ 8 22.6	1.738	2.675	8.5	18.6
3 12	9 10.91	+ 9 30.2	1.792	2.669	12.3	18.8

419052 2009 RS_{63} 2 10.5 61.°89 1.°9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.83	+ 3 33.4	1.756	2.502	17.6	20.3
1 12	9 55.27	+ 4 26.7	1.695	2.535	14.2	20.2
1 22	9 49.28	+ 5 41.8	1.653	2.568	10.1	20.0
2 1	9 41.49	+ 7 14.5	1.637	2.601	5.7	19.8
2 11	9 32.85	+ 8 57.6	1.649	2.633	2.0	19.6
2 21	9 24.45	+10 42.2	1.691	2.666	4.5	19.9
3 2	9 17.30	+12 19.9	1.762	2.698	8.6	20.2
3 12	9 12.18	+13 44.4	1.859	2.730	12.2	20.5

137556 1999 VA_{89} 2 10.5 25.°32 1.°2/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.61	+ 9 34.7	1.182	1.982	21.5	19.5
1 12	9 56.61	+ 9 41.4	1.111	1.986	17.4	19.2
1 22	9 51.10	+10 9.7	1.058	1.992	12.3	19.0
2 1	9 42.73	+10 56.3	1.026	1.998	6.5	18.7
2 11	9 32.78	+11 54.2	1.018	2.004	1.2	18.3
2 21	9 22.90	+12 54.1	1.035	2.011	6.2	18.7
3 2	9 14.75	+13 47.2	1.076	2.019	11.9	19.0
3 12	9 9.56	+14 27.3	1.138	2.027	16.8	19.3

459906 2014 MB_{13} 2 10.5 149.°80 1.°3/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.48	+ 9 11.3	2.137	2.879	14.9	21.7
1 12	9 58.67	+ 9 14.4	2.048	2.889	12.0	21.5
1 22	9 51.56	+ 9 29.9	1.981	2.899	8.5	21.3
2 1	9 42.66	+ 9 55.7	1.941	2.907	4.6	21.1
2 11	9 32.81	+10 28.2	1.930	2.915	1.3	20.8
2 21	9 23.00	+11 2.8	1.950	2.923	4.2	21.1
3 2	9 14.22	+11 35.4	1.999	2.929	8.1	21.3
3 12	9 7.29	+12 2.4	2.074	2.935	11.5	21.5

307351 2002 RD_{183} 2 10.5 93.°08 3.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.98	+ 5 48.2	1.885	2.619	16.9	21.0
1 12	10 0.74	+ 5 15.3	1.811	2.641	13.8	20.8
1 22	9 52.99	+ 4 56.9	1.757	2.664	10.1	20.6
2 1	9 43.34	+ 4 52.6	1.729	2.686	6.2	20.4
2 11	9 32.78	+ 5 0.1	1.730	2.708	3.4	20.3
2 21	9 22.42	+ 5 16.0	1.759	2.729	5.0	20.4
3 2	9 13.36	+ 5 36.1	1.818	2.750	8.6	20.7
3 12	9 6.42	+ 5 56.2	1.902	2.770	12.1	20.9

193778 2001 OM_{16} 2 10.5 200.°91 2.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.47	+ 5 4.5	1.907	2.647	16.6	21.7
1 12	9 57.59	+ 5 21.1	1.806	2.643	13.6	21.5
1 22	9 51.15	+ 5 56.4	1.726	2.638	9.9	21.2
2 1	9 42.60	+ 6 49.2	1.671	2.633	5.8	21.0
2 11	9 32.81	+ 7 55.1	1.644	2.627	2.4	20.7
2 21	9 22.85	+ 9 7.8	1.647	2.620	4.8	20.9
3 2	9 13.88	+10 20.2	1.678	2.613	9.0	21.1
3 12	9 6.90	+11 26.0	1.735	2.605	13.0	21.3

500778 2013 DR_{15} 2 10.5 249.°94 2.°4/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.36	+ 7 39.0	1.914	2.659	16.3	22.0
1 12	9 59.23	+ 7 24.9	1.800	2.641	13.4	21.8
1 22	9 52.42	+ 7 24.7	1.708	2.623	9.8	21.5
2 1	9 43.31	+ 7 37.8	1.640	2.603	5.7	21.2
2 11	9 32.77	+ 8 1.4	1.600	2.583	2.4	20.9
2 21	9 21.90	+ 8 31.6	1.590	2.563	5.0	21.1
3 2	9 11.97	+ 9 3.5	1.608	2.541	9.4	21.3
3 12	9 4.05	+ 9 32.2	1.651	2.520	13.6	21.5

136965 1998 RA_{38} 2 10.5 92.°63 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.46	+11 3.3	1.757	2.525	16.8	20.1
1 12	9 57.57	+11 15.2	1.679	2.537	13.4	19.9
1 22	9 51.05	+11 41.0	1.622	2.549	9.3	19.7
2 1	9 42.47	+12 17.6	1.590	2.561	4.8	19.5
2 11	9 32.83	+12 59.5	1.586	2.572	0.6	19.2
2 21	9 23.30	+13 41.1	1.610	2.584	4.8	19.5
3 2	9 15.02	+14 17.2	1.662	2.595	9.2	19.8
3 12	9 8.91	+14 44.1	1.739	2.606	13.1	20.0

323779 2005 QJ_{56} 2 10.5 155.°27 4.°6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.44	+27 18.1	2.318	3.092	13.0	21.4
1 12	10 1.00	+28 1.6	2.239	3.099	10.4	21.3
1 22	9 53.14	+28 45.8	2.183	3.106	7.5	21.1
2 1	9 43.43	+29 24.2	2.155	3.113	5.1	21.0
2 11	9 32.79	+29 50.8	2.157	3.119	4.9	21.0
2 21	9 22.28	+30 1.7	2.188	3.124	7.0	21.1
3 2	9 12.94	+29 55.2	2.248	3.129	9.8	21.3
3 12	9 5.59	+29 32.7	2.332	3.133	12.5	21.5

138630 2000 RU 2 10.5 85.°90 7.°2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.97	− 9 18.5	2.575	3.218	14.9	19.2
1 12	9 54.71	−10 15.1	2.492	3.236	13.0	19.1
1 22	9 48.62	−10 53.9	2.427	3.254	10.9	19.0
2 1	9 41.13	−11 12.6	2.386	3.271	8.9	18.9
2 11	9 32.91	−11 10.6	2.371	3.289	7.4	18.8
2 21	9 24.72	−10 49.5	2.384	3.306	7.3	18.8
3 2	9 17.32	−10 12.7	2.424	3.324	8.4	18.9
3 12	9 11.36	− 9 25.6	2.490	3.341	10.2	19.1

13953 1990 TO_4 2 10.5 34.°39 6.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.89	+24 27.7	1.372	2.191	18.1	17.2
1 12	9 56.56	+26 1.5	1.314	2.202	14.3	17.0
1 22	9 50.89	+27 42.3	1.277	2.214	10.2	16.8
2 1	9 42.54	+29 18.4	1.264	2.227	7.1	16.7
2 11	9 32.83	+30 37.6	1.276	2.241	7.1	16.7
2 21	9 23.33	+31 30.8	1.314	2.255	10.2	16.9
3 2	9 15.56	+31 54.7	1.376	2.270	13.9	17.2
3 12	9 10.61	+31 50.9	1.457	2.285	17.3	17.4

310910 2003 SJ_{66} 2 10.5 132.°98 3.°4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.27	+ 3 1.8	1.933	2.663	16.7	21.9
1 12	9 57.18	+ 2 59.5	1.847	2.674	13.7	21.8
1 22	9 50.67	+ 3 15.4	1.782	2.685	10.2	21.6
2 1	9 42.27	+ 3 48.8	1.741	2.696	6.4	21.3
2 11	9 32.86	+ 4 36.4	1.728	2.706	3.5	21.2
2 21	9 23.47	+ 5 33.1	1.744	2.715	4.9	21.3
3 2	9 15.16	+ 6 32.7	1.789	2.724	8.5	21.5
3 12	9 8.80	+ 7 29.4	1.860	2.733	12.1	21.8

128608 Chucklove 2 10.5 139.°45 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.81	+ 9 53.7	1.695	2.461	17.4	21.0
1 12	9 58.05	+10 16.9	1.612	2.468	13.9	20.8
1 22	9 51.52	+10 56.8	1.549	2.475	9.8	20.6
2 1	9 42.78	+11 49.7	1.511	2.482	5.1	20.3
2 11	9 32.84	+12 49.8	1.501	2.488	0.6	20.0
2 21	9 22.90	+13 49.8	1.520	2.493	5.1	20.3
3 2	9 14.23	+14 43.4	1.566	2.499	9.7	20.6
3 12	9 7.81	+15 25.8	1.636	2.503	13.8	20.9

110353 2001 SZ_{314} 2 10.5 343.°40 12.°0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.01	−17 49.2	1.836	2.462	20.5	19.4
1 12	9 52.71	−18 52.8	1.744	2.459	18.8	19.2
1 22	9 47.90	−19 27.5	1.666	2.457	16.6	19.1
2 1	9 41.03	−19 27.2	1.606	2.455	14.5	18.9
2 11	9 32.92	−18 48.7	1.567	2.453	12.7	18.8
2 21	9 24.66	−17 33.2	1.550	2.451	12.0	18.7
3 2	9 17.38	−15 46.7	1.558	2.450	12.7	18.8
3 12	9 12.08	−13 39.9	1.588	2.449	14.5	18.9

519196 2010 PR_{68} 2 10.5 256.°42 3.°9/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.52	+26 41.5	2.490	3.265	12.2	21.5
1 12	9 58.63	+27 6.1	2.394	3.257	9.7	21.3
1 22	9 51.51	+27 31.2	2.323	3.248	7.0	21.1
2 1	9 42.65	+27 51.7	2.278	3.240	4.6	20.9
2 11	9 32.85	+28 2.5	2.264	3.231	4.1	20.9
2 21	9 23.07	+28 0.2	2.279	3.222	6.3	21.0
3 2	9 14.28	+27 43.5	2.323	3.213	9.1	21.2
3 12	9 7.26	+27 12.9	2.392	3.205	11.8	21.3

86408 2000 AC_{185} 2 10.5 347.°49 3.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.71	+ 3 48.3	1.259	2.039	21.5	19.5
1 12	9 54.22	+ 3 44.9	1.176	2.035	17.8	19.2
1 22	9 49.48	+ 4 7.8	1.110	2.031	13.2	18.9
2 1	9 41.99	+ 4 57.2	1.065	2.028	8.1	18.6
2 11	9 32.88	+ 6 8.5	1.044	2.026	4.0	18.4
2 21	9 23.61	+ 7 32.9	1.048	2.024	6.3	18.5
3 2	9 15.79	+ 8 59.6	1.077	2.023	11.4	18.8
3 12	9 10.70	+10 18.2	1.127	2.023	16.4	19.1

68091 2000 YR_{109} 2 10.5 152.°51 1.°1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.91	+10 37.8	1.883	2.639	16.2	20.0
1 12	9 59.39	+10 34.4	1.795	2.645	13.0	19.7
1 22	9 52.28	+10 43.4	1.728	2.650	9.2	19.5
2 1	9 43.11	+11 2.6	1.686	2.655	4.9	19.3
2 11	9 32.83	+11 28.0	1.674	2.659	1.1	19.0
2 21	9 22.58	+11 54.9	1.690	2.664	4.7	19.3
3 2	9 13.50	+12 19.0	1.735	2.667	9.0	19.5
3 12	9 6.52	+12 36.9	1.805	2.670	12.8	19.8

334362 2002 AE_{20} 2 10.5 329.°27 4.°7/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 46.65	+10 14.2	1.112	1.938	20.9	18.9
1 12	9 47.81	+13 1.3	1.013	1.910	16.6	18.5
1 22	9 45.70	+16 38.5	0.934	1.882	11.4	18.1
2 1	9 40.45	+20 56.3	0.880	1.856	6.0	17.7
2 11	9 32.94	+25 31.8	0.853	1.831	6.0	17.6
2 21	9 24.65	+29 54.3	0.853	1.808	11.9	17.9
3 2	9 17.58	+33 36.5	0.878	1.787	18.2	18.1
3 12	9 13.61	+36 24.2	0.922	1.767	23.6	18.4

519290 2011 BS_{168} 2 10.5 80.°60 3.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.19	+20 36.3	1.899	2.686	15.0	21.3
1 12	9 57.24	+21 28.9	1.830	2.702	11.7	21.1
1 22	9 50.74	+22 28.3	1.784	2.718	8.1	20.9
2 1	9 42.29	+23 28.0	1.763	2.733	4.5	20.7
2 11	9 32.88	+24 20.6	1.772	2.749	3.6	20.7
2 21	9 23.62	+25 0.3	1.809	2.765	6.5	20.9
3 2	9 15.62	+25 23.7	1.873	2.780	10.1	21.1
3 12	9 9.73	+25 30.2	1.961	2.795	13.2	21.4

449120 2012 YP_1 2 10.5 24.°58 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 46.83	− 4 18.9	0.821	1.625	28.4	18.8
1 12	9 48.13	− 0 52.2	0.770	1.647	22.8	18.5
1 22	9 45.66	+ 3 41.3	0.736	1.671	15.9	18.2
2 1	9 40.11	+ 9 5.0	0.725	1.698	7.9	17.9
2 11	9 32.99	+14 43.2	0.740	1.727	0.4	17.5
2 21	9 26.13	+19 54.7	0.783	1.758	8.2	18.2
3 2	9 21.30	+24 9.6	0.852	1.790	14.8	18.6
3 12	9 19.69	+27 17.3	0.942	1.824	20.1	19.1

308077 2004 TF_{273} 2 10.5 132.°29 5.°8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.32	− 9 25.5	3.131	3.768	12.5	21.1
1 12	9 50.83	− 9 54.6	3.031	3.773	11.0	21.0
1 22	9 45.86	−10 8.0	2.951	3.778	9.2	20.8
2 1	9 39.76	−10 4.2	2.895	3.784	7.4	20.7
2 11	9 33.04	− 9 43.5	2.866	3.789	6.1	20.7
2 21	9 26.29	− 9 7.5	2.865	3.794	5.9	20.6
3 2	9 20.11	− 8 19.4	2.893	3.798	7.0	20.7
3 12	9 15.03	− 7 23.5	2.947	3.803	8.6	20.8

409972 2006 VB_{62} 2 10.5 83.°47 7.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.50	− 6 6.3	1.861	2.550	18.5	20.8
1 12	9 56.62	− 6 52.1	1.785	2.569	15.9	20.7
1 22	9 50.30	− 7 15.0	1.727	2.588	13.0	20.5
2 1	9 42.10	− 7 12.6	1.692	2.607	9.9	20.4
2 11	9 32.92	− 6 45.2	1.681	2.626	7.8	20.3
2 21	9 23.83	− 5 56.4	1.697	2.644	7.7	20.3
3 2	9 15.89	− 4 52.4	1.740	2.662	9.7	20.5
3 12	9 9.93	− 3 41.1	1.808	2.680	12.4	20.7

488506 2000 SU_{250} 2 10.5 131.°99 3.°2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.06	+20 9.8	1.848	2.629	15.6	21.8
1 12	10 0.41	+21 0.1	1.774	2.642	12.3	21.6
1 22	9 53.02	+21 58.0	1.721	2.654	8.4	21.4
2 1	9 43.49	+22 56.8	1.695	2.665	4.6	21.2
2 11	9 32.86	+23 48.8	1.698	2.676	3.5	21.1
2 21	9 22.35	+24 27.6	1.730	2.687	6.6	21.3
3 2	9 13.18	+24 49.9	1.790	2.697	10.4	21.6
3 12	9 6.30	+24 55.0	1.873	2.706	13.8	21.8

152921 2000 EK_{32} 2 10.5 228.°27 2.°0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.65	+17 14.7	1.715	2.495	16.6	20.1
1 12	10 0.58	+17 43.0	1.619	2.486	13.3	19.9
1 22	9 53.49	+18 22.1	1.544	2.477	9.2	19.6
2 1	9 43.90	+19 6.6	1.495	2.468	4.7	19.3
2 11	9 32.83	+19 49.5	1.474	2.458	2.2	19.1
2 21	9 21.60	+20 23.9	1.481	2.447	6.3	19.4
3 2	9 11.63	+20 45.0	1.515	2.436	10.9	19.6
3 12	9 4.07	+20 51.0	1.574	2.425	15.1	19.8

44575 1999 GG_3 2 10.5 243.°62 1.°1/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.95	+ 9 12.3	1.831	2.591	16.5	20.5
1 12	9 57.43	+ 9 27.8	1.726	2.578	13.4	20.2
1 22	9 51.22	+ 9 59.6	1.641	2.564	9.5	19.9
2 1	9 42.76	+10 45.4	1.581	2.550	5.1	19.7
2 11	9 32.90	+11 40.3	1.550	2.536	1.1	19.3
2 21	9 22.79	+12 38.2	1.547	2.521	4.9	19.6
3 2	9 13.67	+13 32.5	1.571	2.505	9.6	19.8
3 12	9 6.62	+14 18.0	1.621	2.489	13.8	20.0

337850 2001 VY_{101} 2 10.5 53.°44 3.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.91	+ 2 4.6	2.282	3.005	14.6	20.3
1 12	9 53.39	+ 1 43.9	2.193	3.012	12.1	20.1
1 22	9 47.89	+ 1 38.2	2.124	3.020	9.2	20.0
2 1	9 40.85	+ 1 47.5	2.080	3.028	6.2	19.8
2 11	9 33.01	+ 2 10.1	2.064	3.036	3.9	19.6
2 21	9 25.17	+ 2 42.8	2.077	3.044	4.7	19.7
3 2	9 18.17	+ 3 21.4	2.118	3.052	7.5	19.9
3 12	9 12.74	+ 4 1.1	2.186	3.060	10.5	20.1

14650 1998 YD_3 2 10.5 116.°80 2.°1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.58	+16 43.8	1.639	2.421	17.2	18.0
1 12	10 0.33	+17 24.0	1.566	2.435	13.6	17.8
1 22	9 53.12	+18 15.6	1.514	2.447	9.3	17.6
2 1	9 43.60	+19 12.3	1.487	2.460	4.6	17.3
2 11	9 32.87	+20 6.2	1.488	2.472	2.3	17.2
2 21	9 22.30	+20 50.2	1.517	2.483	6.3	17.5
3 2	9 13.19	+21 19.6	1.574	2.494	10.7	17.7
3 12	9 6.54	+21 33.0	1.654	2.505	14.5	18.0

352646 Blumbahs 2 10.5 242.°67 1.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.05	+ 6 51.4	1.613	2.376	18.2	21.4
1 12	9 57.09	+ 7 16.5	1.513	2.365	14.9	21.1
1 22	9 51.21	+ 8 3.1	1.432	2.354	10.7	20.8
2 1	9 42.83	+ 9 9.4	1.375	2.342	5.9	20.5
2 11	9 32.90	+10 29.6	1.345	2.330	1.7	20.2
2 21	9 22.68	+11 55.3	1.342	2.317	5.4	20.4
3 2	9 13.57	+13 17.6	1.367	2.304	10.5	20.7
3 12	9 6.76	+14 28.9	1.416	2.291	15.1	20.9

35283 1996 TB_1 2 10.5 351.°60 0.°5/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.52	+11 8.8	1.819	2.591	16.1	19.5
1 12	9 55.34	+11 22.6	1.730	2.590	12.9	19.3
1 22	9 49.62	+11 50.3	1.661	2.589	9.1	19.1
2 1	9 41.86	+12 29.0	1.617	2.588	4.7	18.8
2 11	9 32.96	+13 13.7	1.601	2.588	0.5	18.5
2 21	9 24.02	+13 58.5	1.614	2.587	4.8	18.8
3 2	9 16.17	+14 38.1	1.653	2.587	9.2	19.1
3 12	9 10.36	+15 8.3	1.718	2.587	13.1	19.3

27732 1990 RH_7 2 10.5 86.°57 0.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.84	+14 59.7	2.381	3.146	13.0	19.4
1 12	9 54.76	+15 30.7	2.306	3.165	10.2	19.3
1 22	9 48.72	+16 10.0	2.255	3.185	6.9	19.1
2 1	9 41.22	+16 53.8	2.231	3.204	3.4	18.9
2 11	9 33.00	+17 37.5	2.238	3.223	1.0	18.7
2 21	9 24.90	+18 16.6	2.274	3.242	4.2	19.0
3 2	9 17.73	+18 47.7	2.339	3.261	7.6	19.3
3 12	9 12.15	+19 8.7	2.431	3.279	10.5	19.5

32209 2000 OW_9 2 10.5 126.°62 3.°9/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.36	+ 1 5.5	2.455	3.155	14.3	18.4
1 12	9 57.41	+ 0 41.9	2.369	3.173	11.9	18.2
1 22	9 50.50	+ 0 32.7	2.304	3.190	9.0	18.0
2 1	9 42.11	+ 0 38.0	2.265	3.207	6.1	17.9
2 11	9 32.97	+ 0 56.3	2.255	3.223	4.1	17.8
2 21	9 23.88	+ 1 24.8	2.275	3.238	4.7	17.8
3 2	9 15.68	+ 1 59.5	2.325	3.252	7.3	18.0
3 12	9 9.05	+ 2 36.2	2.402	3.266	10.0	18.2

411998 2012 KA_9 2 10.5 357.°78 3.°0/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.74	+16 45.6	1.244	2.067	19.3	20.0
1 12	9 52.00	+17 38.5	1.170	2.062	15.2	19.8
1 22	9 47.99	+18 47.8	1.114	2.059	10.5	19.5
2 1	9 41.26	+20 6.0	1.081	2.057	5.4	19.2
2 11	9 32.99	+21 22.5	1.073	2.056	3.4	19.0
2 21	9 24.70	+22 26.5	1.090	2.057	7.8	19.3
3 2	9 17.96	+23 10.5	1.129	2.059	12.9	19.6
3 12	9 13.98	+23 31.3	1.190	2.063	17.4	19.9

246603 2008 UC_{346} 2 10.5 51.°93 2.°5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.29	+17 54.2	2.139	2.923	13.6	20.3
1 12	9 53.20	+18 58.6	2.060	2.931	10.7	20.1
1 22	9 47.92	+20 12.4	2.003	2.938	7.3	19.9
2 1	9 40.93	+21 29.7	1.974	2.946	3.8	19.7
2 11	9 33.02	+22 43.5	1.974	2.953	2.8	19.6
2 21	9 25.12	+23 47.6	2.003	2.961	5.7	19.8
3 2	9 18.18	+24 37.4	2.060	2.969	9.1	20.0
3 12	9 12.98	+25 10.7	2.141	2.977	12.2	20.3

183586 2003 SF_{204} 2 10.5 102.°96 0.°9/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.88	+ 9 21.4	1.850	2.605	16.5	21.3
1 12	9 58.46	+ 9 43.3	1.777	2.627	13.2	21.1
1 22	9 51.55	+10 20.3	1.726	2.648	9.2	20.9
2 1	9 42.72	+11 8.9	1.700	2.669	4.8	20.7
2 11	9 32.94	+12 3.6	1.703	2.689	0.9	20.4
2 21	9 23.33	+12 58.2	1.735	2.709	4.6	20.8
3 2	9 14.97	+13 47.3	1.796	2.728	8.7	21.0
3 12	9 8.68	+14 26.8	1.882	2.746	12.4	21.3

429375 2010 JC_{155} 2 10.5 276.°42 1.°9/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.34	+ 7 0.2	2.389	3.131	13.5	21.8
1 12	9 53.03	+ 7 3.9	2.279	3.118	11.0	21.5
1 22	9 47.73	+ 7 20.6	2.192	3.106	8.0	21.3
2 1	9 40.85	+ 7 48.9	2.131	3.094	4.6	21.1
2 11	9 33.03	+ 8 26.2	2.098	3.081	1.9	20.9
2 21	9 25.07	+ 9 8.4	2.095	3.069	3.9	21.0
3 2	9 17.84	+ 9 51.3	2.121	3.056	7.4	21.2
3 12	9 12.08	+10 30.7	2.174	3.043	10.7	21.4

292100 2006 RJ_{48} 2 10.5 136.°95 4.°1/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.57	− 3 28.6	3.013	3.688	12.3	21.5
1 12	9 51.81	− 3 31.8	2.917	3.699	10.4	21.3
1 22	9 46.54	− 3 19.9	2.842	3.710	8.2	21.2
2 1	9 40.11	− 2 53.0	2.794	3.720	6.0	21.1
2 11	9 33.08	− 2 12.6	2.773	3.730	4.3	21.0
2 21	9 26.05	− 1 21.4	2.783	3.739	4.5	21.0
3 2	9 19.63	− 0 23.3	2.823	3.748	6.2	21.1
3 12	9 14.38	+ 0 37.3	2.890	3.757	8.5	21.3

329328 2000 WH_{30} 2 10.5 85.°86 7.°1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.85	+30 47.2	1.955	2.748	14.4	20.6
1 12	9 58.79	+32 22.2	1.897	2.765	11.6	20.4
1 22	9 51.97	+33 56.5	1.863	2.781	8.9	20.3
2 1	9 42.99	+35 20.6	1.855	2.797	7.2	20.2
2 11	9 32.94	+36 25.4	1.875	2.814	7.6	20.3
2 21	9 23.05	+37 5.6	1.922	2.830	9.6	20.4
3 2	9 14.54	+37 19.4	1.994	2.846	12.2	20.6
3 12	9 8.34	+37 9.3	2.087	2.861	14.7	20.8

212730 2007 RG_{184} 2 10.5 96.°26 0.°8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.33	+ 9 16.7	1.621	2.391	17.9	21.2
1 12	9 56.99	+ 9 40.5	1.542	2.400	14.3	21.0
1 22	9 50.86	+10 22.1	1.483	2.409	10.1	20.7
2 1	9 42.51	+11 18.0	1.448	2.418	5.3	20.5
2 11	9 32.96	+12 21.9	1.440	2.427	0.8	20.2
2 21	9 23.45	+13 26.3	1.461	2.435	5.1	20.5
3 2	9 15.24	+14 24.3	1.509	2.444	9.8	20.8
3 12	9 9.33	+15 10.8	1.581	2.452	13.9	21.0

220452 2003 YN_{117} 2 10.5 94.°03 3.°4/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 12.57	+20 9.8	1.496	2.277	18.6	20.8
1 12	10 6.62	+20 51.2	1.441	2.309	14.6	20.6
1 22	9 57.36	+21 40.0	1.408	2.340	10.0	20.4
2 1	9 45.62	+22 28.2	1.399	2.370	5.3	20.2
2 11	9 32.84	+23 7.0	1.419	2.399	3.6	20.2
2 21	9 20.59	+23 30.4	1.467	2.427	7.2	20.5
3 2	9 10.31	+23 36.0	1.542	2.454	11.4	20.8
3 12	9 2.96	+23 24.8	1.640	2.480	15.1	21.1

340798 2006 TF_{66} 2 10.5 194.°10 5.°1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.99	+29 56.3	2.604	3.383	11.6	21.0
1 12	9 56.64	+30 50.3	2.521	3.382	9.3	20.9
1 22	9 50.16	+31 43.9	2.462	3.381	7.0	20.7
2 1	9 42.02	+32 31.1	2.431	3.380	5.3	20.6
2 11	9 33.00	+33 6.1	2.429	3.378	5.4	20.6
2 21	9 24.02	+33 25.2	2.456	3.377	7.2	20.7
3 2	9 15.97	+33 26.6	2.510	3.375	9.5	20.9
3 12	9 9.61	+33 11.0	2.588	3.373	11.8	21.0

184443 2005 NC_{45} 2 10.5 194.°28 1.°7/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.01	+16 18.3	2.149	2.919	14.0	21.3
1 12	9 56.97	+17 3.9	2.055	2.917	11.1	21.1
1 22	9 50.59	+17 59.7	1.984	2.915	7.6	20.9
2 1	9 42.32	+19 0.9	1.940	2.912	3.8	20.6
2 11	9 32.99	+20 1.2	1.925	2.909	1.9	20.5
2 21	9 23.57	+20 54.6	1.941	2.905	5.3	20.7
3 2	9 15.11	+21 36.4	1.985	2.900	9.1	20.9
3 12	9 8.48	+22 4.1	2.054	2.895	12.4	21.1

341534 2007 TY_{444} 2 10.5 146.°10 3.°7/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.89	+24 37.6	2.393	3.173	12.5	21.1
1 12	9 56.61	+25 16.5	2.309	3.175	9.9	21.0
1 22	9 50.16	+25 57.9	2.249	3.178	7.0	20.8
2 1	9 42.02	+26 36.5	2.216	3.180	4.4	20.6
2 11	9 33.01	+27 6.8	2.212	3.182	3.9	20.6
2 21	9 24.05	+27 24.8	2.238	3.184	6.2	20.7
3 2	9 16.08	+27 28.2	2.291	3.185	9.1	20.9
3 12	9 9.84	+27 17.1	2.370	3.187	11.8	21.1

413748 2006 CS_{14} 2 10.5 41.°02 0.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.69	+ 9 49.8	1.527	2.311	18.2	20.2
1 12	9 54.13	+10 35.7	1.464	2.332	14.4	20.0
1 22	9 48.84	+11 40.3	1.422	2.354	9.9	19.8
2 1	9 41.45	+12 58.2	1.403	2.376	5.0	19.5
2 11	9 33.04	+14 21.3	1.412	2.399	0.2	19.2
2 21	9 24.83	+15 40.8	1.448	2.422	5.2	19.7
3 2	9 18.00	+16 49.3	1.511	2.446	9.8	20.0
3 12	9 13.42	+17 42.0	1.598	2.470	13.7	20.3

25788 2000 CE_{51} 2 10.5 65.°35 2.°5/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.65	+ 4 57.8	2.092	2.835	15.2	17.9
1 12	9 53.41	+ 5 4.9	2.005	2.842	12.4	17.7
1 22	9 48.04	+ 5 28.1	1.938	2.850	9.1	17.5
2 1	9 41.00	+ 6 6.1	1.897	2.857	5.4	17.3
2 11	9 33.07	+ 6 55.2	1.884	2.865	2.6	17.1
2 21	9 25.14	+ 7 50.6	1.900	2.873	4.3	17.3
3 2	9 18.14	+ 8 46.7	1.944	2.881	7.8	17.5
3 12	9 12.84	+ 9 38.6	2.014	2.889	11.2	17.7

313804 2004 BC_{21} 2 10.5 20.°11 0.°9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.92	+12 51.4	1.279	2.086	19.8	20.7
1 12	9 54.24	+13 25.8	1.211	2.093	15.7	20.5
1 22	9 49.35	+14 18.6	1.161	2.101	10.8	20.2
2 1	9 41.87	+15 24.1	1.135	2.109	5.3	19.9
2 11	9 33.02	+16 33.3	1.133	2.119	1.1	19.7
2 21	9 24.29	+17 36.8	1.157	2.130	6.4	20.0
3 2	9 17.14	+18 26.9	1.205	2.142	11.6	20.4
3 12	9 12.67	+18 59.3	1.275	2.154	16.0	20.7

468083 2013 TF_{55} 2 10.5 208.°70 4.°9/ 6.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.99	+28 9.9	2.306	3.084	13.0	21.6
1 12	10 0.04	+28 51.3	2.218	3.080	10.4	21.4
1 22	9 52.64	+29 33.1	2.153	3.076	7.6	21.3
2 1	9 43.32	+30 8.9	2.115	3.072	5.3	21.1
2 11	9 32.96	+30 32.7	2.107	3.067	5.1	21.1
2 21	9 22.63	+30 40.0	2.127	3.062	7.3	21.2
3 2	9 13.41	+30 29.5	2.176	3.056	10.1	21.4
3 12	9 6.17	+30 2.1	2.248	3.050	12.9	21.5

218864 2006 WF_{162} 2 10.5 258.°88 1.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.21	+ 7 38.4	1.938	2.691	15.9	21.4
1 12	9 55.87	+ 7 44.7	1.832	2.678	13.0	21.1
1 22	9 50.05	+ 8 6.7	1.746	2.664	9.4	20.9
2 1	9 42.16	+ 8 43.0	1.685	2.651	5.3	20.6
2 11	9 33.01	+ 9 29.8	1.652	2.636	1.8	20.3
2 21	9 23.64	+10 21.8	1.648	2.622	4.7	20.5
3 2	9 15.19	+11 13.1	1.672	2.607	9.0	20.7
3 12	9 8.63	+11 58.6	1.721	2.593	13.0	20.9

12712 1991 EY_3 2 10.5 314.°82 0.°0/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.56	+12 37.8	1.882	2.657	15.5	18.1
1 12	9 54.62	+12 48.8	1.782	2.645	12.4	17.9
1 22	9 49.20	+13 12.0	1.703	2.633	8.7	17.7
2 1	9 41.72	+13 44.7	1.650	2.622	4.4	17.4
2 11	9 33.04	+14 22.0	1.624	2.610	0.2	17.0
2 21	9 24.21	+14 58.7	1.626	2.599	4.8	17.3
3 2	9 16.38	+15 29.8	1.656	2.589	9.3	17.6
3 12	9 10.50	+15 51.6	1.710	2.578	13.2	17.8

184831 2005 UY_8 2 10.5 293.°54 5.°9/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.96	− 3 54.9	1.847	2.560	17.9	19.4
1 12	9 52.63	− 3 59.2	1.741	2.548	15.3	19.2
1 22	9 47.88	− 3 38.7	1.653	2.536	12.2	18.9
2 1	9 41.10	− 2 51.5	1.588	2.524	8.9	18.7
2 11	9 33.07	− 1 39.0	1.548	2.512	6.2	18.5
2 21	9 24.82	− 0 6.4	1.536	2.500	6.5	18.5
3 2	9 17.46	+ 1 38.1	1.551	2.488	9.4	18.7
3 12	9 11.96	+ 3 25.0	1.591	2.477	13.0	18.8

135480 2001 WQ_{48} 2 10.5 31.°04 8.°3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.28	−12 57.7	2.158	2.805	17.3	19.1
1 12	9 50.78	−13 21.6	2.069	2.813	15.3	19.0
1 22	9 46.25	−13 20.3	1.998	2.821	13.0	18.8
2 1	9 40.12	−12 51.1	1.947	2.830	10.7	18.7
2 11	9 33.13	−11 54.0	1.920	2.839	8.8	18.6
2 21	9 26.13	−10 32.6	1.919	2.849	8.3	18.6
3 2	9 19.98	− 8 53.0	1.945	2.858	9.4	18.6
3 12	9 15.43	− 7 4.0	1.997	2.869	11.4	18.8

221369 2005 WB_{183} 2 10.6 88.°65 2.°6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.24	+16 46.9	1.891	2.676	15.1	20.3
1 12	9 55.07	+17 58.9	1.811	2.683	11.9	20.1
1 22	9 49.42	+19 23.0	1.755	2.690	8.1	19.8
2 1	9 41.78	+20 52.6	1.725	2.697	4.2	19.6
2 11	9 33.07	+22 19.1	1.724	2.705	2.9	19.5
2 21	9 24.35	+23 34.7	1.752	2.712	6.2	19.8
3 2	9 16.73	+24 33.8	1.807	2.719	10.1	20.0
3 12	9 11.12	+25 13.9	1.887	2.726	13.5	20.2

7724 Moroso 2 10.6 214.°11 2.°3/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.88	+17 13.9	1.949	2.721	15.2	18.3
1 12	9 59.63	+18 2.4	1.850	2.713	12.0	18.0
1 22	9 52.69	+19 2.1	1.773	2.705	8.3	17.8
2 1	9 43.50	+20 7.4	1.723	2.695	4.3	17.5
2 11	9 32.98	+21 10.8	1.703	2.685	2.5	17.4
2 21	9 22.28	+22 5.4	1.711	2.674	6.1	17.6
3 2	9 12.63	+22 45.8	1.749	2.662	10.2	17.8
3 12	9 5.09	+23 9.8	1.810	2.649	14.0	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
306204	2011 QV_{10}		2 10.6	193.°70	0.°4/10.2	17
	h m	° ′			°	m
1 2	9 57.43	+14 7.9	3.000	3.752	10.8	21.8
1 12	9 53.38	+14 27.5	2.899	3.750	8.6	21.7
1 22	9 47.69	+14 54.2	2.822	3.748	5.9	21.5
2 1	9 40.75	+15 25.5	2.773	3.745	2.9	21.3
2 11	9 33.12	+15 58.1	2.755	3.742	0.4	21.1
2 21	9 25.46	+16 28.7	2.769	3.739	3.4	21.3
3 2	9 18.44	+16 54.4	2.812	3.735	6.4	21.5
3 12	9 12.64	+17 13.3	2.883	3.731	9.1	21.7
243169	2007 TQ_{123}		2 10.6	187.°32	0.°9/ 9.8	18
1 2	10 2.66	+14 7.6	2.086	2.848	14.6	21.8
1 12	9 58.33	+14 43.2	1.991	2.848	11.6	21.6
1 22	9 51.56	+15 30.2	1.919	2.847	8.0	21.4
2 1	9 42.85	+16 24.5	1.874	2.846	4.0	21.1
2 11	9 33.02	+17 20.3	1.858	2.843	1.1	20.9
2 21	9 23.12	+18 11.5	1.872	2.840	4.9	21.1
3 2	9 14.23	+18 53.4	1.915	2.837	9.0	21.4
3 12	9 7.23	+19 23.0	1.983	2.832	12.5	21.6
186071	2001 SF_{206}		2 10.6	185.°42	4.°4/ 7.2	18
1 2	10 6.42	+26 13.3	2.242	3.017	13.4	21.5
1 12	10 1.19	+26 52.8	2.155	3.017	10.7	21.3
1 22	9 53.44	+27 34.0	2.091	3.016	7.7	21.1
2 1	9 43.74	+28 10.5	2.055	3.015	5.0	21.0
2 11	9 32.98	+28 36.2	2.048	3.014	4.6	21.0
2 21	9 22.28	+28 46.6	2.070	3.012	6.9	21.1
3 2	9 12.73	+28 40.0	2.121	3.009	10.0	21.3
3 12	9 5.21	+28 17.2	2.196	3.006	12.9	21.5
49033	1998 QL_{105}		2 10.6	328.°39	4.°4/ 7.9	18
1 2	9 59.02	+19 38.7	1.247	2.065	19.6	17.9
1 12	9 57.23	+20 34.6	1.167	2.056	15.6	17.7
1 22	9 51.83	+21 44.5	1.106	2.048	10.8	17.4
2 1	9 43.33	+22 59.9	1.067	2.040	6.1	17.1
2 11	9 32.99	+24 8.8	1.054	2.033	4.7	17.0
2 21	9 22.51	+25 0.6	1.065	2.026	9.0	17.2
3 2	9 13.70	+25 28.5	1.099	2.020	14.1	17.4
3 12	9 7.96	+25 31.2	1.153	2.015	18.7	17.7
85302	1994 VM		2 10.6	90.°82	3.°4/12.7	18
1 2	10 3.50	+ 4 33.5	1.571	2.321	19.2	19.6
1 12	9 59.41	+ 4 24.4	1.500	2.341	15.7	19.4
1 22	9 52.46	+ 4 35.3	1.449	2.360	11.5	19.2
2 1	9 43.30	+ 5 5.1	1.420	2.380	7.0	19.0
2 11	9 33.01	+ 5 49.7	1.419	2.399	3.5	18.8
2 21	9 22.91	+ 6 42.7	1.445	2.418	5.4	19.0
3 2	9 14.25	+ 7 37.3	1.498	2.436	9.6	19.2
3 12	9 7.99	+ 8 27.1	1.576	2.454	13.6	19.5
456557	2007 BW_{77}		2 10.6	235.°40	1.°5/ 9.6	18
1 2	10 5.09	+18 23.6	2.071	2.840	14.5	21.3
1 12	10 0.28	+18 26.2	1.973	2.833	11.5	21.0
1 22	9 52.93	+18 34.6	1.897	2.827	8.0	20.8
2 1	9 43.53	+18 44.9	1.847	2.819	4.0	20.6
2 11	9 33.00	+18 52.6	1.827	2.812	1.6	20.4
2 21	9 22.44	+18 53.9	1.837	2.805	5.2	20.6
3 2	9 12.96	+18 46.3	1.876	2.797	9.2	20.8
3 12	9 5.51	+18 28.9	1.940	2.789	12.7	21.0
126918	2002 EG_{129}		2 10.6	11.°95	1.°8/ 9.3	18
1 2	10 0.59	+17 36.5	1.859	2.642	15.4	20.0
1 12	9 56.96	+17 57.8	1.773	2.643	12.2	19.8
1 22	9 50.74	+18 27.5	1.709	2.643	8.4	19.6
2 1	9 42.45	+19 1.2	1.671	2.644	4.2	19.3
2 11	9 33.06	+19 32.9	1.661	2.645	1.9	19.1
2 21	9 23.69	+19 57.3	1.680	2.647	5.6	19.4
3 2	9 15.50	+20 10.7	1.725	2.648	9.7	19.6
3 12	9 9.40	+20 11.6	1.795	2.650	13.3	19.9
140804	2001 UJ_{152}		2 10.6	53.°03	3.°0/12.7	18
1 2	9 57.84	+ 4 39.4	1.761	2.513	17.3	19.8
1 12	9 54.80	+ 4 39.2	1.678	2.521	14.2	19.6
1 22	9 49.24	+ 4 57.7	1.615	2.528	10.4	19.4
2 1	9 41.70	+ 5 33.8	1.576	2.536	6.3	19.2
2 11	9 33.10	+ 6 23.7	1.564	2.545	3.1	19.0
2 21	9 24.51	+ 7 21.5	1.579	2.553	4.9	19.1
3 2	9 17.05	+ 8 20.7	1.622	2.562	8.9	19.4
3 12	9 11.61	+ 9 15.1	1.690	2.570	12.7	19.6
218872	2006 YX_{14}		2 10.6	177.°21	1.°4/11.6	18
1 2	10 0.80	+ 8 50.9	2.118	2.866	14.9	21.2
1 12	9 56.73	+ 8 52.9	2.023	2.868	12.0	21.0
1 22	9 50.38	+ 9 7.8	1.950	2.869	8.6	20.8
2 1	9 42.23	+ 9 33.7	1.903	2.869	4.7	20.6
2 11	9 33.08	+10 7.1	1.884	2.869	1.5	20.4
2 21	9 23.88	+10 43.5	1.896	2.869	4.2	20.6
3 2	9 15.63	+11 18.5	1.936	2.869	8.1	20.8
3 12	9 9.17	+11 48.3	2.002	2.868	11.7	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
238387	2004 DF_{50}		2 10.6	55.°48	1.°5/11.9	18
	h m	° ′			°	m
1 2	9 55.40	+ 6 21.5	2.116	2.866	14.8	20.3
1 12	9 52.42	+ 6 50.9	2.032	2.876	12.0	20.2
1 22	9 47.36	+ 7 36.7	1.969	2.886	8.6	20.0
2 1	9 40.68	+ 8 36.1	1.932	2.897	4.8	19.7
2 11	9 33.15	+ 9 44.7	1.923	2.907	1.6	19.5
2 21	9 25.63	+10 56.3	1.943	2.918	4.0	19.7
3 2	9 19.03	+12 5.0	1.993	2.929	7.7	20.0
3 12	9 14.07	+13 5.8	2.068	2.940	11.1	20.2
207413	2006 DF_4		2 10.6	266.°37	1.°1/11.3	18
1 2	9 58.74	+ 8 23.8	1.622	2.393	17.8	20.2
1 12	9 56.03	+ 8 48.2	1.524	2.382	14.5	19.9
1 22	9 50.47	+ 9 32.3	1.446	2.372	10.3	19.6
2 1	9 42.50	+10 33.7	1.392	2.361	5.5	19.3
2 11	9 33.06	+11 46.5	1.364	2.351	1.1	19.0
2 21	9 23.38	+13 2.8	1.365	2.340	5.3	19.3
3 2	9 14.81	+14 14.2	1.392	2.329	10.3	19.5
3 12	9 8.51	+15 14.2	1.443	2.318	14.8	19.7
274517	2008 ST_{163}		2 10.6	211.°67	3.°1/ 8.0	18
1 2	10 0.67	+21 31.9	2.159	2.940	13.6	20.6
1 12	9 56.73	+22 12.3	2.070	2.939	10.7	20.4
1 22	9 50.43	+22 58.3	2.005	2.937	7.4	20.2
2 1	9 42.26	+23 44.4	1.966	2.935	4.2	20.0
2 11	9 33.08	+24 24.4	1.957	2.933	3.4	19.9
2 21	9 23.89	+24 53.4	1.976	2.931	6.1	20.1
3 2	9 15.73	+25 8.2	2.023	2.929	9.5	20.3
3 12	9 9.43	+25 7.9	2.095	2.927	12.6	20.5
222318	2000 TB_{13}		2 10.6	196.°60	5.°1/14.9	18
1 2	9 56.77	− 2 11.7	2.063	2.772	16.4	20.5
1 12	9 53.66	− 2 21.4	1.965	2.771	13.9	20.3
1 22	9 48.34	− 2 10.7	1.887	2.770	10.9	20.1
2 1	9 41.24	− 1 38.6	1.832	2.770	7.7	19.9
2 11	9 33.14	− 0 47.0	1.804	2.769	5.3	19.7
2 21	9 24.93	+ 0 19.8	1.805	2.768	5.7	19.7
3 2	9 17.61	+ 1 35.5	1.833	2.767	8.4	19.9
3 12	9 11.99	+ 2 53.1	1.888	2.766	11.7	20.1
51841	2001 OO_{65}		2 10.6	19.°70	2.°9/11.9	18
1 2	10 3.69	+ 9 45.8	1.477	2.250	19.2	18.1
1 12	9 59.93	+ 8 54.8	1.397	2.254	15.6	17.8
1 22	9 53.06	+ 8 16.3	1.336	2.259	11.3	17.6
2 1	9 43.70	+ 7 50.1	1.299	2.265	6.6	17.3
2 11	9 33.02	+ 7 34.6	1.288	2.271	3.0	17.1
2 21	9 22.43	+ 7 26.8	1.304	2.278	5.7	17.3
3 2	9 13.34	+ 7 23.1	1.346	2.285	10.4	17.6
3 12	9 6.83	+ 7 19.8	1.411	2.293	14.6	17.9
305939	2009 HM		2 10.6	4.°73	4.°5/13.2	18
1 2	9 54.27	+ 4 2.0	1.208	1.996	21.8	20.2
1 12	9 53.14	+ 3 37.5	1.133	1.995	18.1	19.9
1 22	9 48.77	+ 3 37.5	1.074	1.995	13.6	19.6
2 1	9 41.71	+ 4 2.9	1.036	1.997	8.6	19.4
2 11	9 33.11	+ 4 50.3	1.020	2.000	4.7	19.2
2 21	9 24.48	+ 5 52.2	1.029	2.004	6.5	19.3
3 2	9 17.37	+ 6 59.3	1.062	2.010	11.3	19.5
3 12	9 12.98	+ 8 1.9	1.115	2.016	16.1	19.8
465460	2008 SH_{119}		2 10.6	113.°13	5.°2/ 6.3	18
1 2	10 3.27	+28 23.6	2.206	2.990	13.3	22.0
1 12	9 58.73	+29 14.9	2.131	2.997	10.6	21.8
1 22	9 51.75	+30 6.4	2.080	3.004	7.8	21.6
2 1	9 42.89	+30 51.5	2.056	3.011	5.6	21.5
2 11	9 33.07	+31 23.5	2.060	3.018	5.5	21.5
2 21	9 23.38	+31 38.2	2.093	3.024	7.6	21.7
3 2	9 14.87	+31 34.0	2.153	3.031	10.3	21.8
3 12	9 8.37	+31 12.1	2.237	3.037	13.0	22.0
288747	2004 RN_{64}		2 10.6	113.°35	0.°8/11.1	18
1 2	10 4.11	+ 9 38.2	1.787	2.544	16.9	22.0
1 12	9 59.60	+ 9 58.7	1.713	2.563	13.5	21.8
1 22	9 52.46	+10 34.4	1.659	2.582	9.5	21.6
2 1	9 43.28	+11 21.9	1.631	2.600	4.9	21.4
2 11	9 33.08	+12 15.6	1.632	2.618	0.8	21.1
2 21	9 23.03	+13 9.2	1.661	2.635	4.7	21.4
3 2	9 14.28	+13 56.9	1.719	2.651	9.1	21.7
3 12	9 7.71	+14 34.8	1.803	2.667	12.8	22.0
474563	2004 BK_{92}		2 10.6	21.°99	12.°1/12.9	18
1 2	10 12.30	+ 2 15.6	0.963	1.735	27.2	20.1
1 12	10 8.43	− 0 45.1	0.896	1.739	23.4	19.9
1 22	9 59.98	− 3 32.8	0.843	1.743	19.0	19.6
2 1	9 47.59	− 5 55.9	0.811	1.748	14.7	19.4
2 11	9 32.87	− 7 43.3	0.800	1.754	12.2	19.3
2 21	9 18.13	− 8 49.3	0.811	1.760	13.3	19.3
3 2	9 5.72	− 9 16.1	0.844	1.768	16.9	19.6
3 12	8 57.34	− 9 14.0	0.895	1.776	21.0	19.8

64278 2001 TT_{225} 2 10.6 150.°17 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.33	+ 6 17.6	2.486	3.216	13.4	20.4
1 12	9 55.17	+ 6 53.1	2.394	3.227	10.8	20.2
1 22	9 49.09	+ 7 43.0	2.324	3.237	7.7	20.0
2 1	9 41.53	+ 8 44.8	2.282	3.246	4.3	19.8
2 11	9 33.17	+ 9 54.4	2.270	3.255	1.4	19.6
2 21	9 24.79	+11 6.4	2.289	3.263	3.7	19.8
3 2	9 17.21	+12 15.5	2.339	3.270	7.1	20.0
3 12	9 11.12	+13 17.5	2.417	3.277	10.1	20.2

10408 1997 WL_{44} 2 10.6 75.°37 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.45	+11 31.1	2.195	2.955	14.1	18.6
1 12	9 54.68	+11 51.3	2.117	2.971	11.2	18.4
1 22	9 48.82	+12 22.7	2.062	2.987	7.7	18.2
2 1	9 41.40	+13 2.1	2.033	3.004	3.9	18.0
2 11	9 33.18	+13 45.2	2.034	3.020	0.3	17.7
2 21	9 25.06	+14 27.2	2.064	3.036	4.0	18.1
3 2	9 17.91	+15 3.9	2.122	3.053	7.7	18.3
3 12	9 12.44	+15 32.3	2.207	3.069	10.9	18.5

244580 2002 XU_8 2 10.6 27.°46 7.°6/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.01	+33 35.8	2.118	2.911	13.4	20.2
1 12	9 56.61	+35 10.8	2.050	2.914	11.0	20.1
1 22	9 50.56	+36 44.0	2.006	2.917	8.8	19.9
2 1	9 42.42	+38 6.3	1.988	2.920	7.6	19.9
2 11	9 33.13	+39 9.3	1.998	2.923	8.1	19.9
2 21	9 23.86	+39 47.6	2.034	2.926	10.0	20.0
3 2	9 15.79	+39 59.4	2.094	2.930	12.4	20.2
3 12	9 9.87	+39 46.7	2.176	2.933	14.6	20.3

6379 Vrba 2 10.6 296.°21 6.°8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.74	+32 24.0	2.134	2.923	13.5	16.4
1 12	9 58.70	+33 26.4	2.052	2.915	11.0	16.2
1 22	9 51.99	+34 27.4	1.992	2.908	8.6	16.0
2 1	9 43.13	+35 19.0	1.958	2.900	7.0	15.9
2 11	9 33.11	+35 53.5	1.952	2.893	7.2	15.9
2 21	9 23.09	+36 6.2	1.973	2.885	9.2	16.0
3 2	9 14.28	+35 55.3	2.020	2.878	11.8	16.1
3 12	9 7.64	+35 23.0	2.089	2.871	14.4	16.3

122189 2000 KP_{70} 2 10.6 301.°62 6.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 54.61	− 4 6.5	1.719	2.439	18.8	20.1
1 12	9 52.69	− 4 23.5	1.606	2.416	16.3	19.8
1 22	9 48.18	− 4 15.2	1.511	2.393	13.1	19.6
2 1	9 41.42	− 3 38.3	1.437	2.371	9.7	19.3
2 11	9 33.18	− 2 32.9	1.387	2.349	7.0	19.1
2 21	9 24.54	− 1 3.3	1.364	2.327	7.2	19.0
3 2	9 16.77	+ 0 42.4	1.367	2.305	10.3	19.2
3 12	9 11.00	+ 2 33.5	1.394	2.283	14.3	19.3

56403 2000 FL 2 10.6 33.°01 5.°8/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.65	+22 4.8	1.199	2.021	20.0	18.5
1 12	9 58.47	+23 19.8	1.138	2.029	15.8	18.3
1 22	9 52.57	+24 45.4	1.096	2.037	11.1	18.0
2 1	9 43.63	+26 10.3	1.076	2.045	6.8	17.8
2 11	9 33.09	+27 21.5	1.081	2.054	6.2	17.8
2 21	9 22.75	+28 8.9	1.111	2.064	9.9	18.0
3 2	9 14.34	+28 28.1	1.163	2.075	14.4	18.3
3 12	9 9.11	+28 20.2	1.236	2.086	18.5	18.6

362181 2009 FN_{51} 2 10.6 236.°91 2.°4/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.57	+ 5 9.1	1.796	2.546	17.1	21.5
1 12	9 55.53	+ 5 25.1	1.697	2.540	14.0	21.3
1 22	9 49.92	+ 6 0.9	1.619	2.534	10.2	21.0
2 1	9 42.17	+ 6 55.2	1.565	2.528	6.0	20.8
2 11	9 33.16	+ 8 3.5	1.538	2.521	2.5	20.5
2 21	9 23.97	+ 9 19.1	1.540	2.514	4.9	20.7
3 2	9 15.80	+10 34.5	1.569	2.507	9.3	20.9
3 12	9 9.64	+11 42.8	1.624	2.500	13.4	21.1

275617 2000 AB_{226} 2 10.6 94.°26 1.°1/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.78	+10 8.8	2.143	2.897	14.6	21.7
1 12	9 55.84	+10 10.2	2.056	2.905	11.7	21.5
1 22	9 49.71	+10 23.2	1.991	2.913	8.2	21.3
2 1	9 41.89	+10 45.6	1.953	2.921	4.4	21.1
2 11	9 33.18	+11 13.9	1.943	2.929	1.1	20.8
2 21	9 24.52	+11 43.9	1.963	2.937	4.1	21.1
3 2	9 16.83	+12 11.6	2.011	2.944	7.9	21.3
3 12	9 10.88	+12 33.7	2.086	2.952	11.2	21.5

83420 2001 SH_{43} 2 10.6 208.°20 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 57.47	+12 28.8	2.441	3.200	12.9	20.6
1 12	9 53.84	+12 47.9	2.345	3.198	10.2	20.4
1 22	9 48.27	+13 16.9	2.271	3.197	7.1	20.2
2 1	9 41.16	+13 53.0	2.224	3.195	3.6	20.0
2 11	9 33.22	+14 32.3	2.207	3.194	0.2	19.7
2 21	9 25.23	+15 10.5	2.220	3.192	3.9	20.0
3 2	9 18.04	+15 43.8	2.262	3.190	7.4	20.2
3 12	9 12.34	+16 9.5	2.330	3.188	10.6	20.4

25037 1998 QC_{37} 2 10.6 243.°77 2.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.24	+ 7 34.8	1.854	2.600	16.8	19.3
1 12	10 0.13	+ 7 29.3	1.740	2.582	13.8	19.1
1 22	9 53.23	+ 7 39.2	1.647	2.563	10.1	18.8
2 1	9 43.93	+ 8 3.5	1.579	2.543	5.8	18.5
2 11	9 33.09	+ 8 39.2	1.539	2.522	2.2	18.2
2 21	9 21.87	+ 9 21.2	1.527	2.501	5.1	18.3
3 2	9 11.60	+10 3.9	1.544	2.478	9.7	18.6
3 12	9 3.42	+10 41.9	1.587	2.455	14.1	18.8

325790 2010 QX_1 2 10.6 82.°43 7.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.31	− 7 32.1	1.925	2.600	18.4	20.2
1 12	9 57.17	− 8 14.8	1.853	2.626	15.9	20.1
1 22	9 50.67	− 8 34.0	1.800	2.651	13.0	20.0
2 1	9 42.37	− 8 27.5	1.768	2.677	10.1	19.8
2 11	9 33.18	− 7 55.7	1.762	2.701	8.0	19.7
2 21	9 24.12	− 7 2.4	1.783	2.726	7.8	19.8
3 2	9 16.21	− 5 54.0	1.831	2.750	9.5	19.9
3 12	9 10.23	− 4 38.4	1.905	2.773	12.0	20.1

185433 2006 XJ_{27} 2 10.6 196.°58 2.°0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.26	+16 8.5	1.542	2.328	17.9	20.2
1 12	10 0.57	+16 47.0	1.456	2.326	14.3	20.0
1 22	9 53.69	+17 39.1	1.390	2.325	9.8	19.7
2 1	9 44.16	+18 38.8	1.349	2.322	5.0	19.4
2 11	9 33.10	+19 37.6	1.336	2.320	2.2	19.2
2 21	9 21.95	+20 27.3	1.350	2.317	6.7	19.5
3 2	9 12.23	+21 2.0	1.390	2.313	11.5	19.7
3 12	9 5.13	+21 19.3	1.453	2.309	15.8	20.0

165679 2001 OU_{52} 2 10.6 169.°69 3.°9/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.18	+24 35.1	2.535	3.315	11.8	20.2
1 12	9 55.25	+25 35.8	2.451	3.317	9.3	20.1
1 22	9 49.27	+26 40.1	2.391	3.319	6.6	19.9
2 1	9 41.68	+27 42.1	2.359	3.320	4.4	19.8
2 11	9 33.22	+28 35.9	2.356	3.322	4.2	19.7
2 21	9 24.75	+29 16.8	2.384	3.323	6.3	19.9
3 2	9 17.14	+29 41.8	2.439	3.323	9.0	20.1
3 12	9 11.14	+29 50.7	2.519	3.324	11.5	20.2

422661 1998 VA_{41} 2 10.6 66.°26 1.°5/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.03	+16 26.5	2.040	2.817	14.4	21.5
1 12	9 55.42	+16 59.7	1.961	2.827	11.3	21.3
1 22	9 49.51	+17 42.0	1.904	2.837	7.7	21.1
2 1	9 41.83	+18 28.8	1.874	2.847	3.8	20.9
2 11	9 33.22	+19 14.4	1.873	2.857	1.7	20.8
2 21	9 24.69	+19 53.4	1.901	2.867	5.1	21.0
3 2	9 17.22	+20 21.9	1.956	2.878	8.8	21.3
3 12	9 11.61	+20 37.9	2.037	2.888	12.1	21.5

231600 2009 AA_{19} 2 10.6 114.°81 2.°3/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.29	+15 55.6	1.691	2.474	16.7	20.8
1 12	9 58.53	+16 55.4	1.617	2.486	13.2	20.6
1 22	9 51.95	+18 8.2	1.564	2.499	9.0	20.4
2 1	9 43.15	+19 27.4	1.538	2.511	4.5	20.1
2 11	9 33.16	+20 44.1	1.539	2.522	2.5	20.0
2 21	9 23.25	+21 50.2	1.569	2.533	6.3	20.3
3 2	9 14.69	+22 40.1	1.626	2.544	10.6	20.6
3 12	9 8.43	+23 11.5	1.707	2.554	14.3	20.8

463275 2012 GS_{38} 2 10.6 181.°49 4.°4/ 6.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.59	+24 25.3	2.356	3.138	12.6	22.0
1 12	9 56.60	+25 42.9	2.271	3.138	10.0	21.8
1 22	9 50.34	+27 5.3	2.211	3.139	7.1	21.6
2 1	9 42.28	+28 25.9	2.178	3.139	4.8	21.5
2 11	9 33.21	+29 37.1	2.175	3.138	4.8	21.5
2 21	9 24.07	+30 33.3	2.202	3.137	7.0	21.6
3 2	9 15.85	+31 10.9	2.257	3.136	9.9	21.8
3 12	9 9.39	+31 29.3	2.335	3.134	12.5	22.0

284905 2009 VZ_{93} 2 10.6 83.°73 1.°6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.06	+ 7 28.6	1.983	2.736	15.6	21.0
1 12	9 54.71	+ 7 44.1	1.898	2.744	12.6	20.8
1 22	9 49.07	+ 8 15.2	1.833	2.752	9.0	20.6
2 1	9 41.64	+ 8 59.6	1.795	2.760	5.0	20.4
2 11	9 33.25	+ 9 52.9	1.784	2.769	1.6	20.2
2 21	9 24.87	+10 49.5	1.802	2.776	4.3	20.4
3 2	9 17.50	+11 43.8	1.849	2.784	8.2	20.6
3 12	9 11.95	+12 31.0	1.921	2.792	11.8	20.9

52171 2127 T_{-2} 2 10.6 219.°85 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.89	+12 50.3	1.837	2.608	16.0	19.6
1 12	9 57.27	+13 4.3	1.746	2.606	12.8	19.3
1 22	9 51.04	+13 30.8	1.676	2.605	8.9	19.1
2 1	9 42.71	+14 6.3	1.631	2.603	4.5	18.8
2 11	9 33.20	+14 45.6	1.614	2.601	0.2	18.5
2 21	9 23.64	+15 23.2	1.626	2.599	4.9	18.8
3 2	9 15.19	+15 54.1	1.666	2.597	9.4	19.1
3 12	9 8.82	+16 15.0	1.731	2.595	13.3	19.3

109240 2001 QD_{98} 2 10.6 116.°19 1.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.88	+ 6 58.0	2.638	3.373	12.6	19.7
1 12	9 53.11	+ 7 27.1	2.552	3.387	10.1	19.5
1 22	9 47.61	+ 8 9.0	2.488	3.402	7.2	19.4
2 1	9 40.80	+ 9 1.1	2.452	3.416	4.0	19.2
2 11	9 33.31	+ 9 59.9	2.445	3.430	1.3	19.0
2 21	9 25.84	+11 0.7	2.470	3.444	3.4	19.2
3 2	9 19.12	+11 59.1	2.525	3.457	6.5	19.4
3 12	9 13.75	+12 51.3	2.607	3.470	9.4	19.6

69577 1998 CE_5 2 10.6 280.°91 0.°7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.24	+14 12.4	1.620	2.403	17.3	19.5
1 12	9 58.12	+14 28.2	1.522	2.390	13.9	19.2
1 22	9 52.00	+14 57.4	1.444	2.377	9.7	18.9
2 1	9 43.36	+15 36.0	1.390	2.364	4.9	18.6
2 11	9 33.18	+16 17.8	1.364	2.350	0.8	18.3
2 21	9 22.78	+16 56.3	1.365	2.337	5.8	18.6
3 2	9 13.57	+17 25.5	1.392	2.324	10.8	18.8
3 12	9 6.75	+17 41.9	1.443	2.311	15.3	19.1

325257 2008 GH_{98} 2 10.6 312.°87 2.°4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.28	+16 48.8	1.730	2.521	16.1	21.0
1 12	9 55.51	+17 39.8	1.641	2.515	12.7	20.7
1 22	9 50.01	+18 43.5	1.573	2.510	8.7	20.5
2 1	9 42.27	+19 53.9	1.531	2.504	4.5	20.2
2 11	9 33.24	+21 3.0	1.516	2.499	2.6	20.1
2 21	9 24.09	+22 3.0	1.530	2.494	6.4	20.3
3 2	9 16.10	+22 47.8	1.569	2.489	10.7	20.5
3 12	9 10.29	+23 14.7	1.633	2.485	14.6	20.8

108949 2001 PG_{28} 2 10.6 52.°24 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.60	+ 9 43.0	2.113	2.875	14.5	19.1
1 12	9 52.66	+10 25.6	2.028	2.883	11.5	18.9
1 22	9 47.60	+11 22.9	1.965	2.891	8.0	18.7
2 1	9 40.90	+12 31.3	1.929	2.900	4.1	18.5
2 11	9 33.30	+13 45.2	1.922	2.908	0.3	18.2
2 21	9 25.71	+14 58.1	1.944	2.917	4.2	18.5
3 2	9 19.03	+16 4.4	1.995	2.926	8.0	18.8
3 12	9 14.02	+16 59.7	2.071	2.935	11.4	19.0

377355 2004 RS_{63} 2 10.6 204.°71 2.°9/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.95	+ 1 0.9	2.710	3.412	13.0	22.2
1 12	9 54.06	+ 1 19.8	2.598	3.407	10.8	22.0
1 22	9 48.37	+ 1 54.5	2.508	3.400	8.2	21.8
2 1	9 41.25	+ 2 44.5	2.444	3.393	5.3	21.6
2 11	9 33.29	+ 3 47.0	2.410	3.385	3.1	21.5
2 21	9 25.21	+ 4 58.0	2.406	3.376	3.9	21.5
3 2	9 17.76	+ 6 12.3	2.434	3.366	6.7	21.7
3 12	9 11.61	+ 7 24.9	2.490	3.356	9.6	21.8

35709 1999 FR_{28} 2 10.6 176.°17 5.°5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 9.37	+29 16.2	2.298	3.068	13.2	18.7
1 12	10 3.57	+30 14.6	2.215	3.072	10.6	18.5
1 22	9 55.16	+31 13.2	2.157	3.074	7.9	18.4
2 1	9 44.70	+32 4.5	2.126	3.076	5.8	18.2
2 11	9 33.15	+32 41.4	2.125	3.077	5.8	18.2
2 21	9 21.65	+32 59.2	2.153	3.077	7.8	18.4
3 2	9 11.37	+32 56.5	2.209	3.076	10.6	18.5
3 12	9 3.21	+32 34.7	2.290	3.074	13.2	18.7

132263 2002 EX_{123} 2 10.6 198.°33 0.°9/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.68	+ 9 16.0	2.026	2.777	15.4	20.9
1 12	9 57.67	+ 9 35.9	1.927	2.774	12.4	20.7
1 22	9 51.22	+10 10.4	1.850	2.770	8.8	20.4
2 1	9 42.80	+10 57.0	1.798	2.766	4.7	20.2
2 11	9 33.23	+11 51.1	1.775	2.762	0.9	19.9
2 21	9 23.54	+12 46.8	1.783	2.756	4.5	20.1
3 2	9 14.82	+13 38.6	1.819	2.750	8.7	20.4
3 12	9 7.97	+14 22.0	1.880	2.743	12.4	20.6

102257 1999 TZ_{30} 2 10.6 169.°74 0.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.35	+12 50.2	2.194	2.948	14.3	21.1
1 12	9 58.70	+13 12.4	2.102	2.953	11.4	20.9
1 22	9 51.74	+13 45.5	2.032	2.957	7.9	20.7
2 1	9 42.98	+14 26.0	1.989	2.960	3.9	20.4
2 11	9 33.23	+15 9.1	1.976	2.963	0.3	20.1
2 21	9 23.46	+15 49.8	1.993	2.964	4.4	20.4
3 2	9 14.66	+16 24.0	2.040	2.966	8.3	20.7
3 12	9 7.68	+16 48.8	2.113	2.966	11.7	20.9

329854 2004 TQ_{290} 2 10.6 239.°52 5.°2/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.86	− 3 23.5	2.419	3.106	14.7	21.6
1 12	9 54.30	− 3 37.9	2.303	3.092	12.6	21.4
1 22	9 48.73	− 3 34.5	2.207	3.078	10.1	21.2
2 1	9 41.51	− 3 11.8	2.135	3.063	7.4	21.0
2 11	9 33.29	− 2 30.8	2.090	3.048	5.4	20.9
2 21	9 24.86	− 1 34.3	2.075	3.033	5.6	20.8
3 2	9 17.10	− 0 27.2	2.088	3.016	8.0	21.0
3 12	9 10.79	+ 0 44.3	2.129	3.000	10.9	21.1

500494 2012 TK_{265} 2 10.6 111.°59 2.°1/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.28	+19 13.1	2.613	3.384	11.8	21.9
1 12	9 54.32	+19 56.4	2.532	3.396	9.2	21.8
1 22	9 48.50	+20 45.4	2.476	3.408	6.3	21.6
2 1	9 41.26	+21 35.7	2.449	3.419	3.3	21.4
2 11	9 33.31	+22 22.5	2.451	3.431	2.3	21.4
2 21	9 25.41	+23 1.5	2.483	3.442	4.8	21.6
3 2	9 18.33	+23 29.7	2.545	3.453	7.7	21.8
3 12	9 12.72	+23 45.9	2.632	3.463	10.3	22.0

19030 2000 SJ_{276} 2 10.6 121.°10 5.°7/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.35	− 8 17.1	2.907	3.552	13.3	18.9
1 12	9 52.56	− 8 41.8	2.814	3.565	11.5	18.8
1 22	9 47.18	− 8 49.8	2.741	3.578	9.5	18.7
2 1	9 40.58	− 8 39.8	2.693	3.590	7.5	18.6
2 11	9 33.34	− 8 12.5	2.671	3.603	6.0	18.5
2 21	9 26.10	− 7 29.9	2.678	3.614	5.9	18.5
3 2	9 19.51	− 6 35.7	2.714	3.626	7.1	18.6
3 12	9 14.14	− 5 35.0	2.777	3.637	9.0	18.7

492668 2014 PD_{20} 2 10.6 264.°03 0.°9/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.32	+13 12.6	1.688	2.466	17.0	22.3
1 12	9 58.19	+13 47.8	1.581	2.446	13.6	22.0
1 22	9 52.12	+14 39.2	1.494	2.426	9.5	21.7
2 1	9 43.49	+15 42.8	1.432	2.405	4.8	21.4
2 11	9 33.20	+16 51.6	1.398	2.384	1.1	21.1
2 21	9 22.53	+17 57.3	1.392	2.363	5.9	21.4
3 2	9 12.89	+18 52.7	1.413	2.341	11.0	21.6
3 12	9 5.54	+19 32.7	1.458	2.318	15.5	21.8

499094 2009 FQ_{49} 2 10.6 60.°30 1.°2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.99	+ 6 57.5	2.325	3.072	13.7	21.1
1 12	9 51.96	+ 7 29.6	2.236	3.079	11.1	20.9
1 22	9 47.01	+ 8 16.5	2.169	3.086	7.9	20.7
2 1	9 40.58	+ 9 15.6	2.128	3.094	4.3	20.5
2 11	9 33.34	+10 22.5	2.116	3.101	1.3	20.3
2 21	9 26.10	+11 31.9	2.134	3.109	3.7	20.5
3 2	9 19.65	+12 38.4	2.182	3.117	7.3	20.7
3 12	9 14.70	+13 37.3	2.256	3.124	10.4	20.9

68705 2002 CM_{221} 2 10.6 188.°36 3.°5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.20	+21 30.9	1.897	2.678	15.2	19.9
1 12	10 0.71	+22 13.6	1.810	2.677	12.1	19.7
1 22	9 53.45	+23 2.9	1.745	2.677	8.4	19.4
2 1	9 43.94	+23 52.4	1.707	2.675	4.8	19.2
2 11	9 33.20	+24 34.6	1.697	2.673	3.8	19.1
2 21	9 22.44	+25 3.5	1.716	2.671	6.8	19.3
3 2	9 12.92	+25 15.8	1.762	2.668	10.6	19.5
3 12	9 5.65	+25 11.0	1.833	2.665	14.1	19.7

186113 2001 TP_{100} 2 10.6 297.°43 3.°1/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.45	+ 5 7.7	1.768	2.522	17.2	20.0
1 12	9 54.78	+ 5 0.9	1.664	2.508	14.2	19.7
1 22	9 49.51	+ 5 12.1	1.579	2.494	10.5	19.4
2 1	9 42.06	+ 5 41.1	1.519	2.480	6.4	19.2
2 11	9 33.27	+ 6 25.0	1.485	2.466	3.2	18.9
2 21	9 24.24	+ 7 18.7	1.478	2.452	5.1	19.0
3 2	9 16.17	+ 8 15.6	1.498	2.438	9.4	19.2
3 12	9 10.12	+ 9 9.2	1.543	2.425	13.6	19.4

134471 1998 UW_{41} 2 10.6 90.°79 3.°6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.69	+21 19.3	1.873	2.653	15.4	20.5
1 12	10 0.78	+22 15.9	1.813	2.681	12.1	20.4
1 22	9 53.21	+23 18.2	1.776	2.708	8.3	20.2
2 1	9 43.67	+24 19.2	1.766	2.734	4.8	20.0
2 11	9 33.23	+25 11.0	1.785	2.760	3.9	20.0
2 21	9 23.06	+25 48.3	1.833	2.786	6.7	20.2
3 2	9 14.31	+26 8.0	1.908	2.811	10.2	20.5
3 12	9 7.81	+26 10.6	2.008	2.835	13.3	20.7

462693 2009 VC_{36} 2 10.6 77.°92 1.°5/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.95	+16 40.2	1.948	2.725	15.0	21.5
1 12	9 57.09	+17 3.3	1.866	2.732	11.8	21.3
1 22	9 50.77	+17 35.3	1.807	2.739	8.1	21.0
2 1	9 42.52	+18 11.7	1.773	2.746	4.0	20.8
2 11	9 33.27	+18 46.9	1.768	2.752	1.6	20.6
2 21	9 24.08	+19 15.8	1.791	2.759	5.2	20.9
3 2	9 16.03	+19 34.7	1.843	2.766	9.2	21.1
3 12	9 9.98	+19 41.7	1.919	2.773	12.7	21.4

53775 2000 EN_{92} 2 10.6 43.°29 1.°7/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.78	+ 9 20.8	1.410	2.189	19.7	19.3
1 12	9 58.71	+ 9 15.3	1.330	2.192	15.9	19.1
1 22	9 52.45	+ 9 27.4	1.267	2.194	11.4	18.8
2 1	9 43.57	+ 9 55.2	1.228	2.197	6.2	18.5
2 11	9 33.23	+10 33.5	1.214	2.200	1.7	18.2
2 21	9 22.87	+11 15.7	1.227	2.203	5.6	18.5
3 2	9 13.98	+11 55.0	1.266	2.206	10.8	18.8
3 12	9 7.74	+12 26.0	1.328	2.209	15.4	19.1

63819 2001 RJ_{64} 2 10.6 111.°09 2.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.31	+ 5 54.4	2.464	3.195	13.5	20.2
1 12	9 54.40	+ 5 45.9	2.372	3.203	11.0	20.0
1 22	9 48.60	+ 5 49.7	2.302	3.210	8.0	19.8
2 1	9 41.35	+ 6 4.6	2.259	3.217	4.8	19.6
2 11	9 33.33	+ 6 28.5	2.244	3.224	2.4	19.5
2 21	9 25.32	+ 6 58.1	2.260	3.231	3.9	19.6
3 2	9 18.11	+ 7 29.6	2.304	3.238	7.0	19.8
3 12	9 12.36	+ 7 59.5	2.376	3.245	9.9	20.0

426022 2011 LP_{9} 2 10.6 147.°92 0.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.82	+12 1.5	2.434	3.192	12.9	21.4
1 12	9 53.36	+12 41.5	2.342	3.196	10.2	21.2
1 22	9 47.96	+13 32.8	2.273	3.200	7.0	21.0
2 1	9 41.07	+14 32.0	2.231	3.203	3.5	20.8
2 11	9 33.34	+15 34.2	2.220	3.206	0.4	20.5
2 21	9 25.59	+16 34.2	2.238	3.209	4.0	20.8
3 2	9 18.62	+17 27.5	2.286	3.212	7.5	21.1
3 12	9 13.14	+18 10.8	2.361	3.215	10.6	21.3

377054 2002 TT_{190} 2 10.6 62.°14 0.°9/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.63	+11 56.7	2.064	2.814	15.2	20.7
1 12	10 0.21	+11 39.1	2.000	2.847	12.0	20.5
1 22	9 52.54	+11 31.0	1.958	2.879	8.4	20.3
2 1	9 43.25	+11 30.3	1.943	2.911	4.4	20.2
2 11	9 33.27	+11 33.7	1.957	2.943	1.0	20.0
2 21	9 23.59	+11 38.3	2.002	2.975	4.1	20.2
3 2	9 15.17	+11 41.3	2.075	3.006	7.8	20.5
3 12	9 8.70	+11 40.5	2.175	3.038	11.0	20.8

522767 2016 NG_{76} 2 10.6 237.°27 2.°4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.21	+20 18.1	2.870	3.640	10.8	21.7
1 12	9 53.49	+21 6.4	2.766	3.629	8.5	21.5
1 22	9 48.00	+22 0.3	2.688	3.618	5.9	21.3
2 1	9 41.08	+22 55.7	2.637	3.607	3.3	21.1
2 11	9 33.35	+23 47.7	2.618	3.595	2.6	21.0
2 21	9 25.52	+24 32.2	2.628	3.582	4.9	21.2
3 2	9 18.33	+25 5.8	2.668	3.570	7.6	21.3
3 12	9 12.46	+25 26.9	2.735	3.557	10.3	21.5

157378 2004 TU_{163} 2 10.6 189.°52 0.°6/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.20	+13 42.5	2.166	2.932	14.1	20.8
1 12	9 55.53	+14 10.4	2.073	2.931	11.2	20.6
1 22	9 49.63	+14 49.0	2.002	2.931	7.7	20.4
2 1	9 41.96	+15 34.8	1.958	2.930	3.8	20.1
2 11	9 33.32	+16 22.7	1.943	2.929	0.7	19.9
2 21	9 24.62	+17 7.5	1.957	2.928	4.5	20.2
3 2	9 16.85	+17 44.8	2.001	2.927	8.4	20.4
3 12	9 10.82	+18 11.5	2.070	2.925	11.8	20.6

296730 2009 TD_{3} 2 10.6 64.°32 3.°1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.73	+21 10.2	1.780	2.565	15.9	20.8
1 12	10 0.12	+21 41.3	1.719	2.589	12.5	20.6
1 22	9 52.81	+22 17.8	1.680	2.613	8.6	20.4
2 1	9 43.49	+22 53.2	1.667	2.637	4.7	20.2
2 11	9 33.26	+23 21.2	1.682	2.661	3.3	20.2
2 21	9 23.36	+23 36.9	1.725	2.685	6.4	20.4
3 2	9 14.92	+23 38.1	1.796	2.709	10.1	20.7
3 12	9 8.79	+23 25.1	1.891	2.732	13.3	20.9

390861 2004 RL_{319} 2 10.6 200.°46 2.°9/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.08	+ 0 0.2	3.144	3.840	11.5	21.7
1 12	9 50.74	+ 0 17.0	3.035	3.837	9.6	21.6
1 22	9 45.93	+ 0 47.7	2.948	3.834	7.3	21.4
2 1	9 39.98	+ 1 31.7	2.887	3.831	4.9	21.2
2 11	9 33.41	+ 2 27.0	2.856	3.827	3.1	21.1
2 21	9 26.76	+ 3 30.1	2.856	3.823	3.6	21.1
3 2	9 20.64	+ 4 37.0	2.886	3.819	5.8	21.3
3 12	9 15.59	+ 5 43.5	2.945	3.814	8.2	21.4

178884 2001 OZ_{18} 2 10.6 170.°66 0.°4/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.87	+10 31.7	2.250	2.999	14.1	21.3
1 12	9 56.70	+10 54.7	2.156	3.003	11.3	21.2
1 22	9 50.36	+11 30.0	2.084	3.006	7.9	20.9
2 1	9 42.31	+12 14.8	2.039	3.009	4.1	20.7
2 11	9 33.31	+13 4.5	2.024	3.010	0.4	20.4
2 21	9 24.27	+13 54.2	2.039	3.012	4.1	20.7
3 2	9 16.13	+14 39.1	2.084	3.013	7.9	20.9
3 12	9 9.68	+15 15.8	2.154	3.013	11.3	21.2

65515 4712 *P–L* 2 10.6 345.°51 1.°3/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.53	+ 9 49.5	1.236	2.039	20.6	18.3
1 12	9 54.29	+ 9 51.6	1.154	2.030	16.7	18.0
1 22	9 49.74	+10 14.1	1.088	2.023	11.9	17.7
2 1	9 42.36	+10 54.7	1.045	2.017	6.4	17.4
2 11	9 33.30	+11 47.5	1.025	2.011	1.3	17.1
2 21	9 24.09	+12 44.0	1.030	2.007	6.1	17.4
3 2	9 16.37	+13 35.4	1.059	2.004	11.8	17.6
3 12	9 11.43	+14 15.0	1.109	2.002	16.8	17.9

411179 2010 GS_{32} 2 10.6 296.°84 2.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.51	+16 57.3	1.421	2.224	18.4	21.5
1 12	9 57.45	+17 41.8	1.319	2.199	14.8	21.2
1 22	9 52.05	+18 42.6	1.236	2.175	10.3	20.9
2 1	9 43.65	+19 53.6	1.176	2.150	5.4	20.6
2 11	9 33.25	+21 5.5	1.142	2.125	3.1	20.3
2 21	9 22.35	+22 7.8	1.134	2.101	7.8	20.5
3 2	9 12.67	+22 52.3	1.151	2.077	13.2	20.8
3 12	9 5.73	+23 14.9	1.189	2.053	18.1	21.0

279996 2001 US_{104} 2 10.6 119.°28 4.°0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.14	+26 45.9	2.795	3.568	11.0	21.9
1 12	9 56.49	+27 38.2	2.724	3.585	8.7	21.7
1 22	9 49.94	+28 31.3	2.677	3.601	6.3	21.6
2 1	9 41.99	+29 20.0	2.660	3.617	4.3	21.5
2 11	9 33.34	+29 59.2	2.672	3.632	4.2	21.5
2 21	9 24.79	+30 25.5	2.714	3.647	6.0	21.6
3 2	9 17.12	+30 37.1	2.785	3.661	8.3	21.8
3 12	9 10.99	+30 34.2	2.880	3.675	10.5	22.0

19958 1985 RN_{4} 2 10.6 138.°87 1.°2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.99	+15 10.1	2.205	2.962	14.1	21.0
1 12	9 59.89	+15 47.2	2.124	2.978	11.1	20.8
1 22	9 52.50	+16 33.7	2.067	2.994	7.6	20.6
2 1	9 43.34	+17 25.2	2.037	3.009	3.8	20.4
2 11	9 33.29	+18 15.9	2.038	3.023	1.3	20.2
2 21	9 23.32	+19 0.5	2.069	3.036	4.7	20.5
3 2	9 14.42	+19 35.3	2.130	3.048	8.4	20.7
3 12	9 7.39	+19 58.1	2.217	3.059	11.6	21.0

144724 2004 GX_{34} 2 10.6 228.°97 5.°6/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.99	− 7 42.1	3.037	3.684	12.7	21.1
1 12	9 52.36	− 8 5.8	2.920	3.674	11.1	20.9
1 22	9 47.14	− 8 13.9	2.823	3.662	9.2	20.8
2 1	9 40.64	− 8 4.9	2.751	3.651	7.2	20.6
2 11	9 33.40	− 7 38.9	2.705	3.639	5.8	20.5
2 21	9 26.02	− 6 57.6	2.689	3.627	5.7	20.5
3 2	9 19.18	− 6 4.3	2.701	3.614	7.1	20.6
3 12	9 13.46	− 5 3.7	2.741	3.601	9.1	20.7

29739 1999 BM_{9} 2 10.6 75.°49 2.°7/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.48	+17 37.7	1.416	2.212	18.8	18.3
1 12	10 0.72	+18 18.9	1.352	2.228	14.8	18.1
1 22	9 53.70	+19 11.7	1.308	2.245	10.1	17.9
2 1	9 44.11	+20 8.8	1.288	2.261	5.2	17.7
2 11	9 33.26	+21 1.2	1.295	2.278	2.9	17.5
2 21	9 22.66	+21 41.2	1.329	2.294	7.0	17.8
3 2	9 13.78	+22 4.3	1.388	2.311	11.6	18.1
3 12	9 7.66	+22 9.5	1.470	2.327	15.6	18.4

195778 2002 PC_{156} 2 10.6 126.°00 0.°5/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.02	+13 55.2	2.345	3.107	13.2	20.9
1 12	9 55.12	+14 21.4	2.258	3.114	10.5	20.7
1 22	9 49.19	+14 57.0	2.194	3.122	7.2	20.5
2 1	9 41.69	+15 38.5	2.157	3.129	3.5	20.3
2 11	9 33.36	+16 21.5	2.150	3.136	0.6	20.1
2 21	9 25.06	+17 1.4	2.173	3.143	4.2	20.3
3 2	9 17.63	+17 34.3	2.224	3.149	7.7	20.6
3 12	9 11.81	+17 57.8	2.302	3.156	10.8	20.8

520996 2015 BB_{373} 2 10.6 176.°23 0.°7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.48	+14 47.9	2.272	3.036	13.6	22.4
1 12	9 56.40	+15 9.9	2.179	3.037	10.7	22.2
1 22	9 50.16	+15 40.9	2.109	3.038	7.4	22.0
2 1	9 42.22	+16 17.5	2.066	3.039	3.7	21.7
2 11	9 33.34	+16 55.1	2.053	3.039	0.8	21.5
2 21	9 24.45	+17 29.0	2.069	3.039	4.4	21.8
3 2	9 16.47	+17 55.5	2.115	3.039	8.1	22.0
3 12	9 10.18	+18 12.3	2.186	3.038	11.4	22.2

162920 2001 OF_{9} 2 10.6 104.°66 2.°4/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.50	+ 5 50.6	2.646	3.365	12.9	19.8
1 12	9 56.64	+ 5 31.5	2.562	3.385	10.5	19.7
1 22	9 49.99	+ 5 23.1	2.501	3.404	7.7	19.5
2 1	9 42.01	+ 5 24.9	2.467	3.423	4.7	19.3
2 11	9 33.37	+ 5 35.0	2.463	3.441	2.5	19.2
2 21	9 24.81	+ 5 50.7	2.489	3.459	3.8	19.3
3 2	9 17.09	+ 6 9.1	2.546	3.477	6.6	19.5
3 12	9 10.81	+ 6 27.2	2.631	3.495	9.3	19.7

336209 2008 SJ_{32} 2 10.6 265.°57 5.°7/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.21	− 3 27.4	2.214	2.909	15.8	21.4
1 12	9 54.02	− 3 52.7	2.101	2.894	13.5	21.2
1 22	9 48.69	− 3 59.5	2.007	2.880	10.9	21.0
2 1	9 41.58	− 3 45.8	1.937	2.865	8.1	20.8
2 11	9 33.37	− 3 12.1	1.894	2.850	6.0	20.6
2 21	9 24.95	− 2 21.0	1.878	2.835	6.2	20.6
3 2	9 17.25	− 1 17.6	1.891	2.819	8.6	20.7
3 12	9 11.13	− 0 8.3	1.929	2.804	11.6	20.9

491171 2011 UG_1 2 10.6 116.°45 3.°6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.73	+21 36.5	1.713	2.498	16.5	21.3
1 12	10 2.04	+22 15.7	1.641	2.511	13.0	21.1
1 22	9 54.39	+23 1.2	1.590	2.522	9.0	20.9
2 1	9 44.41	+23 45.8	1.565	2.534	5.1	20.7
2 11	9 33.27	+24 21.8	1.568	2.545	3.9	20.7
2 21	9 22.31	+24 43.5	1.599	2.556	7.0	20.9
3 2	9 12.85	+24 48.1	1.657	2.566	11.0	21.1
3 12	9 5.89	+24 35.8	1.738	2.576	14.5	21.4

131697 2001 XH_{255} 2 10.6 320.°78 0.°0/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.31	+14 18.9	32.161	32.907	1.1	23.5
1 12	9 36.54	+14 22.6	32.057	32.906	0.9	23.5
1 22	9 35.65	+14 26.8	31.980	32.904	0.6	23.4
2 1	9 34.68	+14 31.4	31.932	32.903	0.3	23.4
2 11	9 33.68	+14 36.2	31.915	32.901	0.0	23.3
2 21	9 32.67	+14 40.9	31.928	32.900	0.3	23.4
3 2	9 31.71	+14 45.4	31.972	32.898	0.6	23.4
3 12	9 30.82	+14 49.5	32.044	32.897	0.9	23.5

433884 2015 BQ_{356} 2 10.6 206.°53 0.°3/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.08	+12 15.0	2.476	3.233	12.7	21.2
1 12	9 53.59	+12 50.2	2.377	3.231	10.1	21.0
1 22	9 48.17	+13 36.5	2.301	3.228	7.0	20.8
2 1	9 41.22	+14 30.5	2.253	3.225	3.5	20.5
2 11	9 33.41	+15 27.7	2.235	3.221	0.4	20.3
2 21	9 25.53	+16 23.3	2.246	3.218	4.0	20.6
3 2	9 18.40	+17 12.6	2.288	3.214	7.5	20.8
3 12	9 12.72	+17 52.5	2.356	3.210	10.6	21.0

370711 2004 PA_{100} 2 10.6 142.°29 6.°6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 8.13	+36 5.6	2.673	3.437	11.7	21.9
1 12	10 2.28	+37 10.0	2.607	3.451	9.7	21.8
1 22	9 54.09	+38 9.6	2.566	3.463	7.8	21.7
2 1	9 44.14	+38 57.5	2.553	3.476	6.6	21.6
2 11	9 33.31	+39 27.8	2.568	3.487	6.9	21.7
2 21	9 22.66	+39 37.3	2.612	3.498	8.3	21.8
3 2	9 13.18	+39 25.5	2.683	3.508	10.3	21.9
3 12	9 5.65	+38 54.9	2.777	3.517	12.2	22.1

433238 2012 VR_{63} 2 10.6 182.°45 3.°8/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.55	− 1 8.0	2.983	3.670	12.2	21.9
1 12	9 52.75	− 1 17.7	2.877	3.670	10.3	21.8
1 22	9 47.36	− 1 13.8	2.794	3.670	8.0	21.6
2 1	9 40.75	− 0 56.2	2.736	3.670	5.6	21.5
2 11	9 33.46	− 0 26.0	2.707	3.669	3.9	21.3
2 21	9 26.11	+ 0 14.1	2.708	3.668	4.3	21.4
3 2	9 19.35	+ 1 0.7	2.739	3.667	6.3	21.5
3 12	9 13.76	+ 1 49.6	2.798	3.665	8.7	21.6

56160 1999 CY_{150} 2 10.6 86.°64 1.°7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.52	+17 58.5	1.826	2.603	15.9	18.4
1 12	10 0.04	+18 11.4	1.748	2.614	12.5	18.2
1 22	9 52.88	+18 31.8	1.693	2.625	8.6	18.0
2 1	9 43.64	+18 55.1	1.663	2.635	4.3	17.8
2 11	9 33.35	+19 15.6	1.661	2.646	1.8	17.6
2 21	9 23.21	+19 28.7	1.689	2.656	5.5	17.9
3 2	9 14.39	+19 31.5	1.744	2.666	9.6	18.2
3 12	9 7.80	+19 22.9	1.823	2.677	13.2	18.4

194611 2001 XW_{135} 2 10.6 354.°24 5.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.97	+ 1 47.5	1.358	2.120	21.1	20.1
1 12	9 55.86	+ 1 10.1	1.274	2.117	17.7	19.9
1 22	9 50.63	+ 0 55.7	1.207	2.115	13.6	19.6
2 1	9 42.77	+ 1 6.5	1.161	2.114	9.2	19.4
2 11	9 33.38	+ 1 40.9	1.139	2.113	5.9	19.2
2 21	9 23.86	+ 2 33.7	1.142	2.113	7.0	19.2
3 2	9 15.70	+ 3 36.7	1.170	2.113	11.1	19.5
3 12	9 10.11	+ 4 40.5	1.220	2.114	15.5	19.7

81241 2000 FW_{29} 2 10.6 348.°17 2.°8/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.12	+ 4 48.1	1.677	2.435	17.8	19.9
1 12	9 54.56	+ 4 54.7	1.587	2.433	14.6	19.7
1 22	9 49.36	+ 5 21.7	1.516	2.431	10.8	19.4
2 1	9 42.01	+ 6 7.8	1.468	2.430	6.4	19.2
2 11	9 33.42	+ 7 9.0	1.447	2.429	2.9	18.9
2 21	9 24.72	+ 8 18.6	1.453	2.428	5.0	19.1
3 2	9 17.13	+ 9 28.9	1.487	2.428	9.4	19.3
3 12	9 11.64	+10 33.0	1.544	2.427	13.5	19.6

369891 2012 TY_{31} 2 10.6 253.°41 4.°6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.74	+27 22.7	2.363	3.145	12.6	20.5
1 12	9 57.47	+28 4.6	2.279	3.145	10.0	20.3
1 22	9 50.93	+28 47.5	2.219	3.145	7.3	20.1
2 1	9 42.63	+29 25.3	2.186	3.144	5.0	20.0
2 11	9 33.40	+29 52.3	2.182	3.144	4.8	20.0
2 21	9 24.22	+30 4.5	2.207	3.143	6.9	20.1
3 2	9 16.07	+30 0.1	2.259	3.143	9.6	20.3
3 12	9 9.73	+29 39.7	2.335	3.143	12.3	20.5

85684 1998 RN_{41} 2 10.6 156.°10 0.°5/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.26	+13 41.1	1.848	2.610	16.3	20.3
1 12	10 1.45	+14 0.4	1.762	2.618	13.0	20.1
1 22	9 53.92	+14 31.4	1.698	2.626	9.0	19.9
2 1	9 44.21	+15 10.0	1.661	2.632	4.5	19.6
2 11	9 33.34	+15 50.6	1.652	2.638	0.6	19.3
2 21	9 22.51	+16 27.4	1.673	2.644	5.1	19.7
3 2	9 12.92	+16 55.8	1.722	2.648	9.5	19.9
3 12	9 5.55	+17 13.2	1.796	2.652	13.3	20.2

204792 2006 QS_{59} 2 10.6 217.°76 0.°5/11.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.60	+12 1.2	2.545	3.295	12.6	20.7
1 12	9 55.48	+12 2.2	2.443	3.291	10.1	20.5
1 22	9 49.42	+12 11.9	2.365	3.287	7.1	20.3
2 1	9 41.85	+12 28.2	2.313	3.283	3.7	20.0
2 11	9 33.44	+12 48.1	2.292	3.278	0.5	19.8
2 21	9 24.98	+13 8.3	2.300	3.273	3.7	20.0
3 2	9 17.29	+13 25.8	2.339	3.269	7.1	20.2
3 12	9 11.06	+13 38.0	2.404	3.264	10.2	20.4

65310 2002 JL_{70} 2 10.6 258.°70 1.°0/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.81	+ 8 2.7	2.177	2.929	14.4	19.8
1 12	9 53.74	+ 8 33.6	2.071	2.918	11.7	19.6
1 22	9 48.50	+ 9 20.2	1.988	2.908	8.3	19.4
2 1	9 41.51	+10 20.1	1.930	2.897	4.5	19.1
2 11	9 33.46	+11 28.7	1.901	2.887	1.0	18.8
2 21	9 25.24	+12 40.2	1.901	2.876	4.1	19.1
3 2	9 17.81	+13 48.3	1.931	2.864	8.1	19.3
3 12	9 12.01	+14 48.1	1.987	2.853	11.7	19.5

167972 2005 FB_1 2 10.6 214.°65 4.°0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.68	+23 19.6	2.333	3.117	12.6	20.1
1 12	9 55.15	+24 27.5	2.245	3.114	10.0	19.9
1 22	9 49.41	+25 40.9	2.181	3.112	7.0	19.7
2 1	9 41.92	+26 53.4	2.145	3.109	4.5	19.5
2 11	9 33.45	+27 58.2	2.138	3.106	4.3	19.5
2 21	9 24.90	+28 49.7	2.161	3.103	6.6	19.6
3 2	9 17.25	+29 24.2	2.211	3.100	9.6	19.8
3 12	9 11.30	+29 40.8	2.285	3.097	12.4	20.0

322106 2010 VM_{151} 2 10.6 93.°98 1.°0/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.37	+ 8 40.9	1.876	2.633	16.2	20.8
1 12	9 56.64	+ 9 4.5	1.799	2.649	13.0	20.7
1 22	9 50.48	+ 9 43.8	1.743	2.665	9.2	20.4
2 1	9 42.44	+10 35.8	1.712	2.681	4.9	20.2
2 11	9 33.43	+11 34.8	1.710	2.696	1.0	20.0
2 21	9 24.51	+12 34.9	1.737	2.711	4.4	20.3
3 2	9 16.73	+13 29.9	1.792	2.726	8.6	20.5
3 12	9 10.92	+14 15.5	1.872	2.740	12.2	20.8

398333 2011 QA_{19} 2 10.6 131.°84 0.°6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.79	+ 9 10.0	1.851	2.606	16.5	22.2
1 12	9 58.64	+ 9 43.4	1.770	2.620	13.2	22.0
1 22	9 51.92	+10 33.1	1.711	2.633	9.3	21.8
2 1	9 43.20	+11 35.5	1.677	2.646	4.8	21.5
2 11	9 33.40	+12 44.4	1.671	2.658	0.6	21.3
2 21	9 23.65	+13 52.9	1.696	2.669	4.7	21.6
3 2	9 15.08	+14 54.6	1.748	2.680	9.0	21.9
3 12	9 8.58	+15 44.9	1.827	2.690	12.8	22.1

18849 1999 RK_{55} 2 10.6 178.°71 0.°5/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.83	+13 49.7	2.842	3.598	11.3	19.1
1 12	9 53.09	+14 17.5	2.745	3.598	8.9	19.0
1 22	9 47.66	+14 53.4	2.672	3.599	6.1	18.8
2 1	9 40.93	+15 34.5	2.628	3.599	3.0	18.6
2 11	9 33.49	+16 17.0	2.613	3.599	0.5	18.4
2 21	9 26.02	+16 57.3	2.629	3.599	3.6	18.6
3 2	9 19.22	+17 32.0	2.675	3.599	6.7	18.8
3 12	9 13.69	+17 58.8	2.748	3.598	9.4	19.0

364122 2006 AY_{104} 2 10.6 104.°28 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.09	+10 53.7	2.161	2.918	14.3	21.4
1 12	9 55.33	+11 37.7	2.081	2.934	11.4	21.2
1 22	9 49.42	+12 34.8	2.025	2.950	7.8	21.0
2 1	9 41.87	+13 41.2	1.995	2.966	3.9	20.8
2 11	9 33.46	+14 51.0	1.995	2.982	0.2	20.5
2 21	9 25.11	+15 58.3	2.025	2.997	4.2	20.9
3 2	9 17.73	+16 57.7	2.084	3.011	8.0	21.2
3 12	9 12.06	+17 45.8	2.169	3.026	11.3	21.4

369846 2012 JJ_{41} 2 10.6 15.°47 7.°2/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.38	− 2 44.7	1.469	2.208	20.7	20.4
1 12	9 53.47	− 3 28.8	1.390	2.213	17.7	20.2
1 22	9 48.74	− 3 47.7	1.328	2.218	14.1	19.9
2 1	9 41.74	− 3 38.4	1.287	2.224	10.4	19.7
2 11	9 33.46	− 3 1.6	1.269	2.231	7.6	19.6
2 21	9 25.16	− 2 1.9	1.276	2.238	7.8	19.6
3 2	9 18.11	− 0 47.7	1.308	2.247	10.6	19.8
3 12	9 13.36	+ 0 31.4	1.363	2.256	14.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
76822	2000 SA_{51}		2 10.6	294.°72	0.°6/11.2	18
	h m	° ′			°	m
1 2	9 54.54	+10 56.1	3.090	3.836	10.7	19.4
1 12	9 51.19	+11 3.5	2.979	3.824	8.5	19.3
1 22	9 46.32	+11 19.0	2.892	3.812	6.0	19.1
2 1	9 40.26	+11 40.9	2.832	3.800	3.2	18.9
2 11	9 33.53	+12 6.7	2.802	3.788	0.6	18.6
2 21	9 26.72	+12 33.6	2.803	3.776	3.1	18.8
3 2	9 20.46	+12 58.8	2.834	3.765	6.0	19.0
3 12	9 15.30	+13 19.8	2.892	3.753	8.6	19.2
422923	2002 TZ_{128}		2 10.6	128.°63	2.°0/ 8.7	15
1 2	10 2.75	+20 35.8	2.829	3.589	11.2	22.0
1 12	9 57.62	+21 0.5	2.749	3.605	8.8	21.9
1 22	9 50.67	+21 28.6	2.694	3.621	6.0	21.7
2 1	9 42.39	+21 56.5	2.667	3.637	3.2	21.6
2 11	9 33.45	+22 20.1	2.672	3.651	2.2	21.5
2 21	9 24.62	+22 36.3	2.707	3.666	4.4	21.7
3 2	9 16.65	+22 43.2	2.773	3.679	7.2	21.9
3 12	9 10.14	+22 40.3	2.865	3.693	9.7	22.1
53130	1999 AY_{30}		2 10.6	163.°14	1.°2/ 9.4	18
1 2	10 0.70	+14 25.2	2.547	3.302	12.5	20.2
1 12	9 56.35	+15 23.4	2.456	3.310	9.8	20.0
1 22	9 50.04	+16 31.7	2.389	3.316	6.7	19.8
2 1	9 42.17	+17 45.8	2.350	3.322	3.3	19.6
2 11	9 33.46	+19 0.0	2.343	3.327	1.4	19.4
2 21	9 24.70	+20 8.7	2.367	3.332	4.4	19.7
3 2	9 16.73	+21 7.3	2.421	3.335	7.7	19.9
3 12	9 10.27	+21 53.2	2.502	3.338	10.7	20.1
57000	2000 SJ_{319}		2 10.6	193.°38	3.°0/ 7.9	18
1 2	10 2.32	+24 30.4	2.860	3.627	11.0	19.4
1 12	9 57.42	+24 52.9	2.767	3.626	8.7	19.2
1 22	9 50.64	+25 16.9	2.698	3.624	6.1	19.0
2 1	9 42.43	+25 38.2	2.657	3.622	3.7	18.9
2 11	9 33.46	+25 52.7	2.647	3.620	3.1	18.8
2 21	9 24.51	+25 57.5	2.668	3.617	5.1	18.9
3 2	9 16.39	+25 51.0	2.718	3.614	7.7	19.1
3 12	9 9.75	+25 33.2	2.795	3.611	10.2	19.3
323860	2005 SE_{127}		2 10.6	52.°13	9.°1/19.4	18
1 2	9 55.54	−13 32.1	1.908	2.559	19.2	20.7
1 12	9 53.01	−13 54.1	1.817	2.563	17.1	20.5
1 22	9 48.12	−13 47.2	1.741	2.567	14.6	20.4
2 1	9 41.34	−13 7.7	1.686	2.571	11.9	20.2
2 11	9 33.49	−11 55.3	1.653	2.575	9.8	20.1
2 21	9 25.56	−10 14.0	1.647	2.580	9.1	20.1
3 2	9 18.59	− 8 11.7	1.667	2.584	10.4	20.1
3 12	9 13.48	− 5 59.4	1.712	2.589	12.8	20.3
236918	2007 TM_{142}		2 10.6	162.°37	0.°0/10.6	17
1 2	9 58.67	+12 35.0	2.737	3.487	11.8	21.6
1 12	9 54.56	+12 56.0	2.643	3.491	9.4	21.4
1 22	9 48.69	+13 25.6	2.572	3.496	6.5	21.3
2 1	9 41.46	+14 1.3	2.529	3.500	3.3	21.1
2 11	9 33.50	+14 39.4	2.516	3.503	0.1	20.8
2 21	9 25.53	+15 16.3	2.535	3.506	3.5	21.1
3 2	9 18.28	+15 48.4	2.583	3.509	6.7	21.3
3 12	9 12.39	+16 13.6	2.659	3.511	9.6	21.5
8819	Chrisbondi		2 10.6	155.°45	2.°4/12.9	18
1 2	9 58.14	+ 3 36.3	2.482	3.203	13.6	19.0
1 12	9 54.33	+ 3 51.4	2.387	3.210	11.2	18.8
1 22	9 48.63	+ 4 21.6	2.313	3.216	8.2	18.6
2 1	9 41.47	+ 5 5.5	2.265	3.221	5.1	18.4
2 11	9 33.50	+ 6 0.1	2.247	3.226	2.6	18.3
2 21	9 25.50	+ 7 0.9	2.259	3.231	3.8	18.4
3 2	9 18.27	+ 8 3.0	2.301	3.235	6.9	18.6
3 12	9 12.47	+ 9 1.6	2.371	3.239	10.0	18.8
370747	2004 RY_{179}		2 10.6	169.°12	5.°6/15.8	18
1 2	9 57.93	− 5 5.1	2.386	3.064	15.1	21.4
1 12	9 54.30	− 5 20.4	2.286	3.067	13.0	21.2
1 22	9 48.69	− 5 16.7	2.206	3.069	10.4	21.0
2 1	9 41.54	− 4 52.7	2.150	3.071	7.8	20.9
2 11	9 33.50	− 4 9.4	2.122	3.073	5.9	20.7
2 21	9 25.39	− 3 10.2	2.121	3.075	5.9	20.7
3 2	9 18.04	− 2 0.2	2.150	3.076	7.9	20.9
3 12	9 12.19	− 0 45.7	2.205	3.076	10.5	21.0
3091	van den Heuvel		2 10.6	279.°64	1.°5/11.5	18
1 2	10 0.26	+ 9 4.8	1.635	2.404	17.8	17.6
1 12	9 57.40	+ 9 7.9	1.529	2.386	14.5	17.3
1 22	9 51.62	+ 9 27.9	1.443	2.368	10.5	17.0
2 1	9 43.32	+10 3.3	1.380	2.349	5.8	16.7
2 11	9 33.42	+10 49.8	1.345	2.330	1.5	16.4
2 21	9 23.16	+11 41.0	1.336	2.311	5.3	16.6
3 2	9 13.96	+12 30.1	1.354	2.292	10.4	16.8
3 12	9 7.03	+13 11.2	1.396	2.274	15.1	17.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
156092	2001 SQ_{207}		2 10.6	235.°03	1.°3/ 9.8	18
	h m	° ′			°	m
1 2	10 4.13	+15 10.0	1.732	2.507	16.7	21.0
1 12	10 0.27	+15 36.0	1.632	2.496	13.4	20.7
1 22	9 53.47	+16 14.5	1.554	2.485	9.3	20.5
2 1	9 44.18	+17 1.1	1.501	2.473	4.7	20.1
2 11	9 33.39	+17 49.0	1.475	2.461	1.4	19.9
2 21	9 22.38	+18 31.4	1.479	2.448	5.9	20.2
3 2	9 12.53	+19 2.8	1.509	2.435	10.6	20.4
3 12	9 5.00	+19 20.2	1.564	2.421	14.9	20.6
182379	2001 QX_{215}		2 10.6	185.°62	0.°3/10.9	17
1 2	10 0.57	+10 46.3	2.356	3.104	13.6	21.5
1 12	9 56.44	+11 14.1	2.258	3.104	10.8	21.3
1 22	9 50.20	+11 53.9	2.182	3.104	7.6	21.1
2 1	9 42.31	+12 42.9	2.133	3.103	3.9	20.9
2 11	9 33.47	+13 36.5	2.114	3.101	0.3	20.6
2 21	9 24.56	+14 29.8	2.126	3.098	4.0	20.9
3 2	9 16.47	+15 18.0	2.168	3.095	7.7	21.1
3 12	9 9.99	+15 57.7	2.236	3.092	11.0	21.3
148030	1998 FF_{13}		2 10.6	300.°85	2.°9/ 8.9	18
1 2	10 4.10	+21 13.5	1.791	2.577	15.8	19.1
1 12	10 0.31	+21 24.8	1.684	2.554	12.7	18.8
1 22	9 53.54	+21 41.5	1.598	2.531	8.9	18.5
2 1	9 44.25	+21 58.4	1.537	2.508	4.9	18.2
2 11	9 33.39	+22 9.3	1.503	2.485	3.1	18.1
2 21	9 22.28	+22 8.9	1.498	2.462	6.6	18.2
3 2	9 12.31	+21 54.1	1.520	2.439	11.1	18.4
3 12	9 4.68	+21 24.7	1.566	2.417	15.1	18.6
319898	2006 WL_{193}		2 10.6	126.°79	0.°4/10.9	18
1 2	10 2.20	+10 41.8	2.213	2.961	14.3	22.0
1 12	9 57.68	+11 6.5	2.131	2.978	11.4	21.8
1 22	9 51.00	+11 43.3	2.072	2.994	7.9	21.6
2 1	9 42.66	+12 28.9	2.040	3.010	4.1	21.4
2 11	9 33.47	+13 18.6	2.038	3.025	0.4	21.1
2 21	9 24.35	+14 7.3	2.066	3.039	4.1	21.5
3 2	9 16.22	+14 50.7	2.124	3.052	7.8	21.7
3 12	9 9.85	+15 25.3	2.208	3.065	11.1	21.9
161022	2002 EP_{161}		2 10.6	142.°23	0.°2/10.7	18
1 2	10 13.05	+15 14.9	1.899	2.650	16.3	20.4
1 12	10 6.63	+14 48.5	1.812	2.660	13.0	20.2
1 22	9 57.37	+14 28.6	1.746	2.669	9.1	20.0
2 1	9 45.92	+14 12.7	1.708	2.678	4.6	19.7
2 11	9 33.35	+13 57.6	1.699	2.686	0.2	19.4
2 21	9 20.93	+13 40.7	1.722	2.694	4.8	19.7
3 2	9 9.92	+13 20.2	1.774	2.701	9.2	20.0
3 12	9 1.29	+12 55.2	1.853	2.707	13.0	20.3
463668	2014 MV_{51}		2 10.6	51.°84	0.°1/10.7	18
1 2	10 24.95	+18 38.8	1.428	2.186	20.4	20.3
1 12	10 16.14	+17 28.1	1.371	2.222	16.2	20.1
1 22	10 3.77	+16 20.7	1.335	2.259	11.2	19.9
2 1	9 48.92	+15 14.3	1.325	2.295	5.6	19.7
2 11	9 33.26	+14 7.8	1.345	2.332	0.2	19.3
2 21	9 18.58	+13 1.4	1.397	2.369	5.7	19.9
3 2	9 6.38	+11 56.7	1.477	2.406	10.6	20.2
3 12	8 57.53	+10 54.4	1.583	2.442	14.6	20.6
109818	2001 RM_{107}		2 10.6	307.°68	1.°2/11.5	18
1 2	9 57.72	+ 8 44.0	1.723	2.492	17.0	19.9
1 12	9 55.05	+ 9 1.5	1.628	2.485	13.8	19.6
1 22	9 49.74	+ 9 36.6	1.554	2.479	9.8	19.4
2 1	9 42.26	+10 26.7	1.504	2.473	5.3	19.1
2 11	9 33.49	+11 26.7	1.480	2.466	1.2	18.8
2 21	9 24.57	+12 29.8	1.485	2.460	4.9	19.0
3 2	9 16.73	+13 29.1	1.517	2.455	9.5	19.3
3 12	9 10.97	+14 18.7	1.573	2.449	13.7	19.5
217088	2001 UO_{114}		2 10.6	164.°79	4.°6/14.8	18
1 2	9 59.58	− 1 58.8	2.415	3.106	14.7	21.4
1 12	9 55.54	− 2 8.7	2.317	3.111	12.4	21.2
1 22	9 49.52	− 2 1.4	2.239	3.116	9.7	21.1
2 1	9 41.95	− 1 36.2	2.186	3.120	6.9	20.9
2 11	9 33.51	− 0 54.8	2.161	3.124	4.8	20.8
2 21	9 25.01	− 0 0.7	2.166	3.127	5.1	20.8
3 2	9 17.30	+ 1 1.2	2.200	3.129	7.5	20.9
3 12	9 11.10	+ 2 5.2	2.261	3.131	10.4	21.1
59784	1999 NV_{44}		2 10.6	214.°14	1.°2/ 9.4	18
1 2	9 58.59	+13 50.9	2.320	3.083	13.3	19.8
1 12	9 55.04	+14 49.1	2.219	3.077	10.5	19.6
1 22	9 49.35	+15 59.7	2.141	3.071	7.2	19.4
2 1	9 41.94	+17 18.2	2.091	3.064	3.6	19.2
2 11	9 33.51	+18 38.5	2.072	3.057	1.4	19.0
2 21	9 24.93	+19 54.1	2.083	3.049	4.8	19.2
3 2	9 17.14	+20 59.5	2.123	3.041	8.4	19.4
3 12	9 10.95	+21 51.2	2.189	3.032	11.7	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
268125	2004 TM_{85}		2 10.6	12.°10	1.°1/11.4	18
	h m	° ′			°	m
1 2	9 57.06	+ 9 50.3	1.623	2.402	17.5	20.8
1 12	9 54.56	+ 9 55.5	1.541	2.404	14.1	20.5
1 22	9 49.37	+10 16.7	1.479	2.407	10.0	20.3
2 1	9 42.03	+10 51.3	1.441	2.411	5.3	20.0
2 11	9 33.51	+11 34.2	1.429	2.415	1.2	19.8
2 21	9 24.99	+12 19.4	1.445	2.420	4.9	20.0
3 2	9 17.68	+13 0.7	1.486	2.426	9.5	20.3
3 12	9 12.55	+13 33.5	1.552	2.432	13.6	20.6
122875	2000 SB_{140}		2 10.6	51.°98	6.°7/16.1	18
1 2	9 57.09	− 4 52.5	1.782	2.489	18.7	19.6
1 12	9 54.23	− 5 19.4	1.704	2.503	16.0	19.4
1 22	9 48.94	− 5 22.2	1.643	2.516	12.8	19.2
2 1	9 41.74	− 4 59.0	1.604	2.530	9.5	19.1
2 11	9 33.52	− 4 11.4	1.590	2.545	7.1	19.0
2 21	9 25.35	− 3 3.9	1.602	2.559	7.1	19.0
3 2	9 18.26	− 1 44.0	1.642	2.574	9.4	19.2
3 12	9 13.14	− 0 20.1	1.706	2.589	12.5	19.4
253074	2002 TK_{139}		2 10.6	76.°86	8.°2/ 6.1	18 R
1 2	10 14.47	+34 42.7	1.703	2.485	16.7	20.7
1 12	10 8.26	+35 36.0	1.651	2.508	13.6	20.6
1 22	9 58.64	+36 22.8	1.621	2.531	10.6	20.4
2 1	9 46.51	+36 53.2	1.616	2.554	8.5	20.4
2 11	9 33.35	+36 58.9	1.638	2.577	8.5	20.4
2 21	9 20.82	+36 37.0	1.686	2.599	10.4	20.6
3 2	9 10.37	+35 49.3	1.760	2.622	13.1	20.8
3 12	9 2.94	+34 41.3	1.856	2.644	15.7	21.0
183393	2002 XJ_{73}		2 10.6	11.°98	3.°8/ 8.5	18
1 2	9 57.05	+19 50.8	1.203	2.027	19.8	18.8
1 12	9 55.56	+20 27.3	1.139	2.031	15.6	18.6
1 22	9 50.56	+21 14.5	1.094	2.037	10.8	18.3
2 1	9 42.76	+22 4.4	1.070	2.044	5.8	18.1
2 11	9 33.49	+22 47.2	1.072	2.053	4.0	18.0
2 21	9 24.40	+23 14.7	1.097	2.063	8.1	18.2
3 2	9 17.10	+23 22.4	1.146	2.074	12.9	18.5
3 12	9 12.72	+23 9.9	1.215	2.087	17.2	18.8
240049	2001 WH_{13}		2 10.6	129.°67	4.°5/15.1	18
1 2	9 56.48	− 2 16.8	2.621	3.311	13.7	20.8
1 12	9 52.93	− 2 32.2	2.525	3.317	11.5	20.6
1 22	9 47.63	− 2 31.9	2.449	3.323	9.1	20.5
2 1	9 40.97	− 2 15.2	2.398	3.329	6.6	20.3
2 11	9 33.57	− 1 43.5	2.375	3.334	4.7	20.2
2 21	9 26.14	− 0 59.8	2.381	3.340	4.9	20.2
3 2	9 19.40	− 0 8.0	2.416	3.345	7.0	20.4
3 12	9 14.00	+ 0 46.9	2.478	3.350	9.5	20.5
223256	2003 FL_{85}		2 10.6	290.°33	4.°8/14.2	18
1 2	9 57.29	+ 0 6.7	1.904	2.630	17.0	20.6
1 12	9 54.43	− 0 11.3	1.803	2.622	14.4	20.4
1 22	9 49.17	− 0 9.7	1.721	2.615	11.1	20.2
2 1	9 41.94	+ 0 12.5	1.662	2.607	7.7	19.9
2 11	9 33.53	+ 0 53.9	1.629	2.599	5.1	19.8
2 21	9 24.95	+ 1 50.3	1.625	2.592	5.8	19.8
3 2	9 17.27	+ 2 55.4	1.647	2.584	9.0	20.0
3 12	9 11.44	+ 4 2.1	1.695	2.577	12.6	20.1
207549	2006 LR_{1}		2 10.6	187.°08	0.°6/10.1	18
1 2	10 2.32	+13 9.7	2.159	2.917	14.3	21.3
1 12	9 58.07	+13 44.9	2.063	2.917	11.4	21.1
1 22	9 51.49	+14 31.9	1.989	2.916	7.9	20.9
2 1	9 43.03	+15 26.9	1.942	2.914	3.9	20.6
2 11	9 33.51	+16 24.4	1.926	2.912	0.7	20.4
2 21	9 23.89	+17 18.5	1.939	2.909	4.6	20.7
3 2	9 15.22	+18 4.4	1.981	2.905	8.6	20.9
3 12	9 8.35	+18 38.7	2.050	2.901	12.1	21.1
206972	2004 TS_{54}		2 10.6	61.°32	2.°6/ 9.1	18
1 2	10 5.12	+17 30.0	1.346	2.144	19.5	20.3
1 12	10 1.27	+18 10.2	1.291	2.168	15.3	20.1
1 22	9 54.08	+19 2.0	1.256	2.193	10.4	19.9
2 1	9 44.36	+19 57.6	1.244	2.218	5.3	19.6
2 11	9 33.47	+20 48.0	1.259	2.243	2.8	19.5
2 21	9 22.98	+21 25.6	1.301	2.268	7.0	19.9
3 2	9 14.34	+21 46.2	1.368	2.292	11.6	20.2
3 12	9 8.55	+21 49.1	1.458	2.317	15.6	20.5
71675	2000 ER_{167}		2 10.6	51.°36	6.°2/ 5.5	18
1 2	10 2.76	+30 26.3	2.116	2.904	13.6	18.8
1 12	9 58.68	+31 27.6	2.040	2.906	11.0	18.7
1 22	9 52.00	+32 28.6	1.988	2.908	8.3	18.5
2 1	9 43.29	+33 21.3	1.961	2.909	6.4	18.4
2 11	9 33.51	+33 58.6	1.963	2.911	6.5	18.4
2 21	9 23.79	+34 15.7	1.992	2.913	8.6	18.5
3 2	9 15.29	+34 10.8	2.047	2.915	11.2	18.7
3 12	9 8.91	+33 45.8	2.125	2.917	13.8	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
205515	2001 SP_{12}		2 10.6	76.°58	0.°7/11.3	18
	h m	° ′			°	m
1 2	9 58.21	+ 9 56.9	2.296	3.048	13.8	20.8
1 12	9 54.46	+10 15.4	2.218	3.066	11.0	20.6
1 22	9 48.74	+10 45.6	2.162	3.084	7.7	20.5
2 1	9 41.53	+11 24.8	2.133	3.102	4.0	20.3
2 11	9 33.58	+12 8.9	2.133	3.120	0.7	20.0
2 21	9 25.71	+12 53.3	2.164	3.137	3.8	20.3
3 2	9 18.75	+13 33.9	2.223	3.155	7.3	20.6
3 12	9 13.37	+14 7.4	2.308	3.173	10.4	20.8
180080	2003 DZ_{10}		2 10.7	301.°78	6.°7/ 2.8	17
1 2	9 57.73	+29 28.7	2.263	3.056	12.7	19.7
1 12	9 54.99	+31 23.0	2.159	3.028	10.3	19.5
1 22	9 49.76	+33 23.2	2.081	3.000	8.1	19.3
2 1	9 42.36	+35 20.4	2.031	2.972	6.8	19.2
2 11	9 33.54	+37 4.8	2.010	2.944	7.4	19.2
2 21	9 24.31	+38 28.2	2.016	2.917	9.7	19.3
3 2	9 15.84	+39 25.7	2.049	2.889	12.4	19.4
3 12	9 9.22	+39 56.4	2.103	2.861	15.0	19.5
348604	2005 XF_{41}		2 10.7	69.°65	1.°1/11.3	18
1 2	10 5.20	+11 2.3	1.379	2.159	20.0	20.7
1 12	10 1.33	+10 53.4	1.311	2.174	16.0	20.4
1 22	9 54.19	+11 0.2	1.262	2.190	11.3	20.2
2 1	9 44.48	+11 19.9	1.236	2.206	5.9	19.9
2 11	9 33.49	+11 47.0	1.235	2.222	1.2	19.7
2 21	9 22.72	+12 15.4	1.262	2.238	5.6	20.0
3 2	9 13.65	+12 39.5	1.315	2.253	10.6	20.3
3 12	9 7.32	+12 55.4	1.391	2.269	15.0	20.6
312649	2010 JP_{47}		2 10.7	172.°99	4.°0/ 7.0	17
1 2	10 4.17	+22 7.2	2.192	2.966	13.6	22.1
1 12	9 59.63	+23 23.9	2.106	2.971	10.8	21.9
1 22	9 52.61	+24 47.6	2.045	2.974	7.6	21.7
2 1	9 43.62	+26 11.2	2.012	2.977	4.7	21.5
2 11	9 33.52	+27 26.6	2.009	2.979	4.3	21.5
2 21	9 23.34	+28 27.3	2.036	2.980	6.9	21.6
3 2	9 14.20	+29 9.3	2.091	2.980	10.1	21.8
3 12	9 6.98	+29 31.6	2.171	2.979	13.1	22.0
343676	2010 OJ_{92}		2 10.7	232.°36	1.°9/ 8.7	17
1 2	9 57.78	+18 16.0	2.615	3.385	11.8	21.5
1 12	9 54.14	+18 58.3	2.515	3.378	9.3	21.3
1 22	9 48.59	+19 47.6	2.440	3.371	6.4	21.1
2 1	9 41.52	+20 39.9	2.392	3.363	3.3	20.9
2 11	9 33.60	+21 30.2	2.374	3.355	2.1	20.8
2 21	9 25.58	+22 13.9	2.386	3.347	4.7	20.9
3 2	9 18.30	+22 47.5	2.428	3.339	7.9	21.1
3 12	9 12.44	+23 9.1	2.495	3.331	10.7	21.3
116441	2003 YU_{166}		2 10.7	136.°12	0.°6/11.1	18
1 2	10 0.72	+10 18.5	1.811	2.576	16.5	20.5
1 12	9 57.19	+10 37.7	1.725	2.580	13.2	20.3
1 22	9 51.07	+11 11.9	1.659	2.584	9.3	20.1
2 1	9 42.88	+11 58.0	1.618	2.588	4.8	19.8
2 11	9 33.55	+12 50.6	1.605	2.592	0.6	19.5
2 21	9 24.20	+13 43.6	1.621	2.595	4.7	19.8
3 2	9 15.97	+14 30.9	1.665	2.598	9.2	20.1
3 12	9 9.81	+15 8.4	1.733	2.601	13.1	20.3
123302	2000 UW_{112}		2 10.7	319.°48	7.°5/ 4.8	18
1 2	9 59.58	+29 14.6	1.662	2.470	15.9	19.2
1 12	9 57.18	+30 35.9	1.574	2.452	12.9	19.0
1 22	9 51.62	+32 1.1	1.508	2.435	9.9	18.8
2 1	9 43.38	+33 20.0	1.467	2.419	7.7	18.6
2 11	9 33.53	+34 21.8	1.452	2.403	8.1	18.6
2 21	9 23.47	+34 58.2	1.462	2.387	10.7	18.7
3 2	9 14.75	+35 5.4	1.496	2.372	14.1	18.9
3 12	9 8.62	+34 44.7	1.550	2.358	17.4	19.0
15196	3178 $T\text{-}3$		2 10.7	68.°59	0.°4/10.4	18
1 2	9 59.38	+13 14.7	2.056	2.824	14.6	19.7
1 12	9 55.68	+13 37.7	1.980	2.839	11.6	19.6
1 22	9 49.75	+14 11.4	1.925	2.854	8.0	19.4
2 1	9 42.10	+14 52.2	1.897	2.869	4.0	19.1
2 11	9 33.60	+15 35.1	1.898	2.885	0.4	18.9
2 21	9 25.19	+16 15.1	1.928	2.900	4.4	19.2
3 2	9 17.83	+16 47.8	1.986	2.915	8.2	19.5
3 12	9 12.28	+17 10.7	2.070	2.930	11.6	19.7
23312	2001 AV_{41}		2 10.7	123.°85	0.°7/11.1	18
1 2	10 7.83	+11 17.1	1.590	2.354	18.4	18.9
1 12	10 3.04	+11 19.6	1.514	2.369	14.8	18.7
1 22	9 55.20	+11 36.5	1.459	2.383	10.4	18.5
2 1	9 44.97	+12 4.6	1.427	2.397	5.4	18.2
2 11	9 33.50	+12 38.3	1.424	2.410	0.7	17.9
2 21	9 22.18	+13 11.7	1.449	2.423	5.2	18.3
3 2	9 12.37	+13 39.7	1.502	2.435	10.0	18.6
3 12	9 5.11	+13 58.7	1.578	2.446	14.2	18.8

17910 Munyan 2 10.7 84.°00 4.°5/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.06	+ 0 7.8	1.859	2.584	17.4	18.3
1 12	9 55.68	− 0 0.1	1.778	2.597	14.5	18.1
1 22	9 49.90	+ 0 12.8	1.716	2.611	11.1	17.9
2 1	9 42.24	+ 0 46.4	1.678	2.625	7.5	17.8
2 11	9 33.60	+ 1 37.9	1.667	2.638	4.7	17.6
2 21	9 25.00	+ 2 42.0	1.683	2.652	5.4	17.7
3 2	9 17.47	+ 3 51.9	1.728	2.665	8.6	17.9
3 12	9 11.87	+ 5 0.6	1.798	2.678	12.1	18.1

468774 2011 SN_{254} 2 10.7 192.°58 3.°8/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.95	− 2 14.5	3.373	4.045	11.2	22.7
1 12	9 52.91	− 2 30.1	3.262	4.043	9.4	22.5
1 22	9 47.43	− 2 33.5	3.173	4.040	7.5	22.4
2 1	9 40.85	− 2 24.4	3.110	4.037	5.4	22.2
2 11	9 33.66	− 2 3.5	3.077	4.033	4.0	22.1
2 21	9 26.39	− 1 32.9	3.073	4.028	4.2	22.1
3 2	9 19.62	− 0 55.2	3.100	4.024	5.9	22.2
3 12	9 13.88	− 0 14.0	3.156	4.018	7.9	22.4

468219 2015 BB_{100} 2 10.7 355.°38 1.°1/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.41	+10 24.2	2.026	2.785	15.1	21.7
1 12	9 55.88	+10 22.7	1.933	2.785	12.2	21.5
1 22	9 50.02	+10 33.2	1.861	2.784	8.6	21.3
2 1	9 42.32	+10 53.7	1.815	2.784	4.6	21.0
2 11	9 33.60	+11 20.6	1.798	2.784	1.1	20.8
2 21	9 24.84	+11 49.4	1.809	2.783	4.3	21.0
3 2	9 17.06	+12 16.0	1.848	2.783	8.3	21.2
3 12	9 11.09	+12 36.9	1.913	2.784	11.9	21.5

209140 2003 SN_{261} 2 10.7 222.°60 0.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.13	+12 36.3	1.999	2.759	15.3	21.6
1 12	9 59.01	+12 53.7	1.896	2.750	12.3	21.3
1 22	9 52.34	+13 23.3	1.815	2.740	8.6	21.1
2 1	9 43.57	+14 2.0	1.759	2.730	4.4	20.8
2 11	9 33.56	+14 44.6	1.733	2.720	0.2	20.4
2 21	9 23.36	+15 25.8	1.736	2.708	4.8	20.8
3 2	9 14.14	+16 0.7	1.768	2.696	9.1	21.0
3 12	9 6.87	+16 25.7	1.825	2.684	13.0	21.2

229797 2008 RT_{130} 2 10.7 127.°68 2.°3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.90	+16 47.2	2.172	2.949	13.7	20.0
1 12	9 54.61	+17 53.7	2.086	2.953	10.7	19.8
1 22	9 49.11	+19 10.8	2.024	2.957	7.3	19.6
2 1	9 41.85	+20 32.9	1.989	2.961	3.8	19.4
2 11	9 33.62	+21 52.8	1.983	2.964	2.5	19.3
2 21	9 25.34	+23 3.9	2.008	2.968	5.5	19.5
3 2	9 17.98	+24 1.2	2.060	2.972	9.0	19.7
3 12	9 12.34	+24 42.0	2.138	2.975	12.2	20.0

496797 2017 HG_{46} 2 10.7 239.°69 3.°0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.63	+17 54.6	1.799	2.583	15.8	21.3
1 12	9 58.26	+18 55.3	1.702	2.573	12.6	21.1
1 22	9 52.09	+20 8.6	1.628	2.562	8.7	20.8
2 1	9 43.54	+21 28.0	1.579	2.551	4.7	20.5
2 11	9 33.56	+22 45.0	1.559	2.539	3.3	20.4
2 21	9 23.35	+23 51.1	1.567	2.527	6.8	20.6
3 2	9 14.23	+24 40.1	1.603	2.515	11.1	20.8
3 12	9 7.31	+25 9.3	1.661	2.502	14.9	21.0

82105 2001 FG_{26} 2 10.7 200.°49 3.°1/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 7.63	+20 13.9	1.995	2.765	15.0	19.7
1 12	10 2.64	+20 57.2	1.900	2.761	11.9	19.5
1 22	9 54.89	+21 48.2	1.826	2.756	8.3	19.3
2 1	9 44.86	+22 40.8	1.780	2.750	4.6	19.0
2 11	9 33.52	+23 27.8	1.764	2.742	3.3	18.9
2 21	9 22.06	+24 3.0	1.777	2.734	6.4	19.1
3 2	9 11.74	+24 22.5	1.818	2.725	10.3	19.3
3 12	9 3.61	+24 25.4	1.885	2.715	13.9	19.5

169495 2002 CS_{212} 2 10.7 242.°76 0.°5/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.81	+14 3.9	1.824	2.593	16.2	20.5
1 12	9 59.86	+14 16.9	1.722	2.582	13.0	20.3
1 22	9 53.12	+14 41.5	1.640	2.569	9.1	20.0
2 1	9 44.04	+15 14.3	1.585	2.557	4.6	19.7
2 11	9 33.55	+15 49.9	1.557	2.543	0.6	19.4
2 21	9 22.84	+16 22.6	1.558	2.530	5.3	19.7
3 2	9 13.21	+16 47.4	1.587	2.516	9.9	20.0
3 12	9 5.76	+17 1.4	1.641	2.501	14.1	20.2

498626 2008 RM_{122} 2 10.7 205.°71 1.°8/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.80	+ 6 16.2	2.235	2.976	14.4	21.7
1 12	9 54.41	+ 6 33.4	2.135	2.973	11.7	21.5
1 22	9 48.92	+ 7 5.8	2.057	2.971	8.5	21.3
2 1	9 41.76	+ 7 51.7	2.005	2.968	4.9	21.1
2 11	9 33.65	+ 8 47.3	1.981	2.965	1.9	20.9
2 21	9 25.43	+ 9 47.7	1.988	2.962	4.0	21.0
3 2	9 18.03	+10 47.4	2.023	2.958	7.7	21.2
3 12	9 12.22	+11 41.4	2.085	2.955	11.1	21.4

329563 2002 UM_{79} 2 10.7 20.°35 3.°0/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.91	+ 7 0.4	1.551	2.318	18.7	20.6
1 12	9 56.95	+ 6 38.5	1.469	2.321	15.3	20.4
1 22	9 51.13	+ 6 33.5	1.406	2.325	11.2	20.2
2 1	9 43.01	+ 6 45.0	1.366	2.329	6.6	19.9
2 11	9 33.60	+ 7 9.6	1.351	2.333	3.0	19.7
2 21	9 24.19	+ 7 42.4	1.364	2.338	5.4	19.9
3 2	9 16.08	+ 8 17.4	1.403	2.344	9.8	20.1
3 12	9 10.29	+ 8 49.1	1.465	2.350	14.0	20.4

39322 2001 VH_{98} 2 10.7 85.°51 2.°7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.43	+ 2 2.6	1.989	2.716	16.4	17.8
1 12	9 55.71	+ 2 35.4	1.915	2.741	13.4	17.7
1 22	9 49.77	+ 3 28.3	1.862	2.766	9.8	17.5
2 1	9 42.13	+ 4 39.2	1.834	2.791	6.0	17.3
2 11	9 33.64	+ 6 2.9	1.835	2.815	2.9	17.2
2 21	9 25.28	+ 7 32.4	1.865	2.838	4.3	17.3
3 2	9 17.96	+ 9 0.5	1.925	2.861	7.9	17.6
3 12	9 12.46	+10 20.8	2.011	2.884	11.3	17.8

453383 2009 BC_{166} 2 10.7 58.°26 0.°4/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.56	+11 22.3	1.388	2.173	19.6	21.6
1 12	9 59.20	+11 34.9	1.323	2.191	15.6	21.4
1 22	9 52.70	+12 4.3	1.278	2.209	10.9	21.1
2 1	9 43.76	+12 46.2	1.256	2.228	5.6	20.9
2 11	9 33.59	+13 33.9	1.260	2.247	0.4	20.5
2 21	9 23.67	+14 19.8	1.291	2.266	5.5	21.0
3 2	9 15.37	+14 57.7	1.347	2.285	10.5	21.3
3 12	9 9.71	+15 23.7	1.427	2.304	14.8	21.6

201442 2003 EQ_{34} 2 10.7 288.°96 1.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.70	+10 3.1	1.502	2.278	18.8	20.3
1 12	9 58.92	+ 9 50.8	1.397	2.258	15.4	20.0
1 22	9 52.95	+ 9 54.0	1.310	2.237	11.1	19.7
2 1	9 44.17	+10 11.6	1.247	2.216	6.1	19.4
2 11	9 33.57	+10 39.7	1.209	2.194	1.7	19.0
2 21	9 22.52	+11 12.5	1.198	2.173	5.7	19.2
3 2	9 12.63	+11 44.0	1.213	2.152	11.2	19.5
3 12	9 5.25	+12 8.6	1.250	2.131	16.2	19.7

268504 2005 YM_{115} 2 10.7 120.°31 1.°3/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.43	+16 13.8	2.134	2.903	14.1	21.3
1 12	9 57.30	+16 40.9	2.051	2.912	11.1	21.1
1 22	9 50.90	+17 16.6	1.990	2.920	7.6	20.9
2 1	9 42.73	+17 56.7	1.957	2.929	3.8	20.6
2 11	9 33.63	+18 35.9	1.952	2.937	1.4	20.5
2 21	9 24.59	+19 9.3	1.977	2.945	4.8	20.7
3 2	9 16.57	+19 33.4	2.031	2.953	8.5	21.0
3 12	9 10.38	+19 46.1	2.110	2.960	11.8	21.2

123244 2000 UY_{64} 2 10.7 100.°66 2.°1/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.33	+ 6 30.7	2.063	2.805	15.4	20.7
1 12	9 56.42	+ 6 32.5	1.980	2.818	12.5	20.5
1 22	9 50.28	+ 6 49.0	1.918	2.831	9.0	20.3
2 1	9 42.41	+ 7 18.7	1.882	2.844	5.3	20.1
2 11	9 33.64	+ 7 57.9	1.875	2.857	2.2	19.9
2 21	9 24.93	+ 8 42.1	1.896	2.870	4.2	20.1
3 2	9 17.23	+ 9 26.1	1.946	2.882	7.9	20.3
3 12	9 11.31	+10 5.7	2.023	2.894	11.3	20.5

326441 2001 UV_{228} 2 10.7 43.°76 6.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.81	+24 32.8	1.607	2.413	16.4	20.2
1 12	9 57.02	+26 3.9	1.542	2.423	13.0	20.0
1 22	9 51.24	+27 41.4	1.500	2.433	9.3	19.8
2 1	9 43.06	+29 15.1	1.483	2.444	6.4	19.7
2 11	9 33.62	+30 34.2	1.492	2.455	6.4	19.7
2 21	9 24.28	+31 30.8	1.529	2.467	9.2	19.9
3 2	9 16.39	+32 1.0	1.590	2.479	12.7	20.1
3 12	9 10.98	+32 5.6	1.673	2.491	15.9	20.4

104831 2000 HQ_{63} 2 10.7 220.°07 4.°0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.41	+23 31.1	2.211	2.989	13.4	20.8
1 12	9 59.10	+24 23.8	2.115	2.981	10.7	20.6
1 22	9 52.33	+25 21.6	2.043	2.972	7.6	20.4
2 1	9 43.55	+26 18.4	1.999	2.963	4.7	20.2
2 11	9 33.62	+27 7.0	1.983	2.953	4.2	20.1
2 21	9 23.58	+27 42.1	1.997	2.943	6.8	20.3
3 2	9 14.52	+28 0.1	2.039	2.933	10.0	20.4
3 12	9 7.37	+28 0.7	2.105	2.921	13.1	20.6

354884 2006 BZ_{116} 2 10.7 289.°79 0.°1/10.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.08	+12 23.5	1.522	2.305	18.3	21.5
1 12	9 58.40	+12 30.3	1.417	2.284	14.8	21.2
1 22	9 52.56	+12 52.3	1.332	2.264	10.5	20.9
2 1	9 43.97	+13 26.9	1.271	2.243	5.4	20.5
2 11	9 33.60	+14 8.4	1.236	2.223	0.2	20.1
2 21	9 22.82	+14 50.0	1.227	2.202	5.8	20.4
3 2	9 13.19	+15 24.9	1.245	2.181	11.3	20.7
3 12	9 6.07	+15 48.4	1.285	2.161	16.2	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
203814	2002 TA_{235}		2 10.7	62.°85	1.°7/11.8	18
	h m	° ′			°	m
1 2	10 2.88	+10 5.1	2.095	2.843	15.0	19.7
1 12	9 58.33	+ 9 41.3	2.014	2.858	12.1	19.5
1 22	9 51.52	+ 9 27.8	1.956	2.873	8.6	19.3
2 1	9 43.01	+ 9 23.2	1.923	2.888	4.8	19.1
2 11	9 33.65	+ 9 25.2	1.919	2.904	1.7	18.9
2 21	9 24.41	+ 9 30.7	1.946	2.919	4.1	19.1
3 2	9 16.25	+ 9 36.6	2.001	2.935	7.8	19.4
3 12	9 9.93	+ 9 40.2	2.082	2.950	11.2	19.6
294073	2007 TB_{180}		2 10.7	45.°84	5.°8/15.9	18
1 2	9 55.94	− 4 16.1	2.056	2.756	16.7	20.4
1 12	9 52.98	− 4 36.8	1.976	2.772	14.2	20.2
1 22	9 47.92	− 4 36.4	1.915	2.788	11.3	20.0
2 1	9 41.23	− 4 14.0	1.877	2.804	8.4	19.9
2 11	9 33.71	− 3 31.0	1.865	2.821	6.2	19.8
2 21	9 26.22	− 2 31.7	1.881	2.838	6.2	19.8
3 2	9 19.68	− 1 22.0	1.924	2.855	8.3	20.0
3 12	9 14.81	− 0 8.9	1.993	2.872	11.1	20.2
317636	2003 DK_{11}		2 10.7	313.°62	2.°6/12.9	18
1 2	9 54.70	+ 2 59.4	1.706	2.460	17.7	20.0
1 12	9 52.77	+ 3 31.6	1.605	2.449	14.6	19.8
1 22	9 48.28	+ 4 28.4	1.523	2.438	10.8	19.5
2 1	9 41.64	+ 5 48.6	1.465	2.427	6.5	19.3
2 11	9 33.69	+ 7 27.3	1.434	2.417	2.8	19.0
2 21	9 25.50	+ 9 15.9	1.431	2.407	4.9	19.1
3 2	9 18.27	+11 4.6	1.455	2.397	9.5	19.3
3 12	9 13.05	+12 44.1	1.505	2.388	13.8	19.6
154740	2004 NO_{23}		2 10.7	126.°51	1.°1/11.7	18
1 2	9 59.40	+ 7 19.5	2.379	3.116	13.7	21.0
1 12	9 55.39	+ 7 52.3	2.294	3.131	11.0	20.9
1 22	9 49.43	+ 8 39.0	2.231	3.146	7.8	20.7
2 1	9 41.95	+ 9 37.1	2.195	3.160	4.3	20.5
2 11	9 33.69	+10 42.0	2.189	3.174	1.1	20.3
2 21	9 25.45	+11 48.4	2.213	3.187	3.7	20.5
3 2	9 18.06	+12 51.3	2.268	3.200	7.2	20.7
3 12	9 12.22	+13 46.5	2.349	3.212	10.3	20.9
466313	2013 QK_{64}		2 10.7	198.°40	0.°9/11.3	16
1 2	10 3.92	+11 22.0	2.200	2.948	14.4	22.1
1 12	9 59.26	+11 12.7	2.101	2.945	11.6	21.9
1 22	9 52.29	+11 13.3	2.023	2.943	8.2	21.6
2 1	9 43.48	+11 21.6	1.972	2.940	4.4	21.4
2 11	9 33.64	+11 34.8	1.950	2.936	0.9	21.1
2 21	9 23.73	+11 49.2	1.959	2.932	4.2	21.4
3 2	9 14.77	+12 1.7	1.997	2.928	8.1	21.6
3 12	9 7.60	+12 9.5	2.061	2.923	11.6	21.8
40636	1999 RW_{179}		2 10.7	148.°15	0.°2/10.5	18
1 2	10 1.06	+10 30.2	1.988	2.746	15.4	19.7
1 12	9 57.24	+11 19.5	1.902	2.755	12.3	19.5
1 22	9 51.00	+12 24.3	1.837	2.763	8.5	19.3
2 1	9 42.86	+13 40.4	1.799	2.770	4.3	19.1
2 11	9 33.66	+15 1.2	1.790	2.777	0.3	18.8
2 21	9 24.44	+16 19.5	1.812	2.783	4.7	19.1
3 2	9 16.23	+17 28.8	1.862	2.789	8.8	19.4
3 12	9 9.93	+18 24.8	1.938	2.794	12.4	19.6
15239	Stenhammar		2 10.7	234.°05	4.°1/14.2	18
1 2	9 57.75	+ 0 38.0	2.385	3.095	14.4	18.7
1 12	9 54.23	+ 0 17.9	2.281	3.091	12.1	18.5
1 22	9 48.74	+ 0 13.0	2.199	3.087	9.3	18.3
2 1	9 41.67	+ 0 23.7	2.141	3.083	6.4	18.1
2 11	9 33.71	+ 0 48.9	2.111	3.079	4.3	17.9
2 21	9 25.64	+ 1 25.5	2.110	3.075	4.9	18.0
3 2	9 18.32	+ 2 9.4	2.138	3.071	7.5	18.1
3 12	9 12.47	+ 2 55.7	2.193	3.066	10.5	18.3
263678	2008 GS_{122}		2 10.7	229.°16	4.°0/ 6.4	18
1 2	9 58.42	+27 1.3	2.859	3.637	10.7	20.3
1 12	9 54.55	+27 50.6	2.770	3.634	8.5	20.1
1 22	9 48.82	+28 41.3	2.706	3.631	6.2	19.9
2 1	9 41.66	+29 28.3	2.670	3.627	4.3	19.8
2 11	9 33.71	+30 6.8	2.664	3.624	4.2	19.8
2 21	9 25.75	+30 32.9	2.687	3.620	6.0	19.9
3 2	9 18.54	+30 44.6	2.738	3.616	8.4	20.1
3 12	9 12.75	+30 41.8	2.814	3.612	10.7	20.2
462885	2010 VL_{215}		2 10.7	91.°01	0.°5/11.0	18
1 2	10 2.64	+10 53.4	1.861	2.621	16.2	22.4
1 12	9 58.46	+11 8.7	1.787	2.640	12.9	22.2
1 22	9 51.78	+11 37.4	1.735	2.659	9.0	22.0
2 1	9 43.20	+12 16.0	1.708	2.678	4.6	21.8
2 11	9 33.67	+12 59.5	1.710	2.696	0.5	21.5
2 21	9 24.28	+13 42.3	1.741	2.714	4.5	21.9
3 2	9 16.11	+14 19.5	1.800	2.732	8.7	22.2
3 12	9 9.99	+14 47.6	1.884	2.750	12.3	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6468	Welzenbach		2 10.7	189.°88	0.°5/11.1	18
	h m	° ′			°	m
1 2	9 59.64	+10 24.1	2.114	2.871	14.7	17.8
1 12	9 56.00	+10 44.3	2.019	2.870	11.8	17.6
1 22	9 50.11	+11 17.7	1.946	2.869	8.3	17.4
2 1	9 42.42	+12 1.5	1.899	2.868	4.3	17.2
2 11	9 33.70	+12 51.0	1.880	2.867	0.5	16.9
2 21	9 24.91	+13 41.0	1.892	2.865	4.2	17.1
3 2	9 17.04	+14 26.5	1.932	2.864	8.2	17.4
3 12	9 10.92	+15 3.6	1.998	2.862	11.8	17.6
216563	2001 XS_{29}		2 10.7	100.°94	5.°3/15.2	18
1 2	10 2.46	− 2 52.0	2.241	2.927	15.8	19.7
1 12	9 57.81	− 3 19.9	2.163	2.952	13.4	19.6
1 22	9 51.08	− 3 29.6	2.106	2.977	10.5	19.5
2 1	9 42.78	− 3 20.4	2.073	3.001	7.6	19.3
2 11	9 33.70	− 2 53.5	2.068	3.024	5.6	19.2
2 21	9 24.72	− 2 12.4	2.091	3.047	5.8	19.3
3 2	9 16.72	− 1 21.9	2.144	3.070	7.9	19.5
3 12	9 10.42	− 0 27.7	2.223	3.091	10.6	19.7
508583	2017 OK_{30}		2 10.7	151.°30	3.°8/14.4	17
1 2	9 57.31	− 0 15.9	2.784	3.479	12.8	22.0
1 12	9 53.50	− 0 29.9	2.685	3.484	10.8	21.8
1 22	9 48.01	− 0 30.1	2.608	3.490	8.3	21.7
2 1	9 41.23	− 0 16.2	2.557	3.494	5.8	21.5
2 11	9 33.75	+ 0 10.2	2.534	3.499	4.0	21.4
2 21	9 26.23	+ 0 46.7	2.541	3.503	4.4	21.4
3 2	9 19.37	+ 1 29.4	2.577	3.507	6.5	21.6
3 12	9 13.77	+ 2 14.3	2.641	3.511	9.1	21.7
77462	2001 HN_{16}		2 10.7	248.°63	2.°8/ 8.2	17
1 2	10 0.03	+20 43.8	2.395	3.171	12.6	20.3
1 12	9 56.21	+21 27.1	2.293	3.159	10.0	20.1
1 22	9 50.22	+22 16.7	2.215	3.146	6.9	19.9
2 1	9 42.48	+23 7.7	2.165	3.134	3.9	19.7
2 11	9 33.71	+23 54.4	2.144	3.121	3.0	19.6
2 21	9 24.81	+24 31.7	2.152	3.108	5.6	19.8
3 2	9 16.73	+24 56.1	2.189	3.094	8.9	20.0
3 12	9 10.29	+25 6.1	2.252	3.081	11.9	20.1
127747	2003 FR_{14}		2 10.7	219.°10	0.°9/11.3	18
1 2	10 3.00	+ 9 49.9	1.864	2.620	16.4	20.8
1 12	9 59.11	+10 3.0	1.763	2.613	13.2	20.6
1 22	9 52.55	+10 31.1	1.682	2.604	9.4	20.3
2 1	9 43.78	+11 11.7	1.627	2.596	5.0	20.1
2 11	9 33.66	+12 0.2	1.600	2.586	0.9	19.7
2 21	9 23.35	+12 50.5	1.602	2.577	4.8	20.0
3 2	9 14.07	+13 36.8	1.633	2.566	9.4	20.2
3 12	9 6.85	+14 14.5	1.688	2.555	13.5	20.5
4904	Makio		2 10.7	4.°38	8.°8/16.1	18
1 2	9 56.24	− 4 7.0	1.340	2.081	22.3	15.9
1 12	9 54.58	− 5 10.8	1.260	2.080	19.3	15.7
1 22	9 49.84	− 5 48.0	1.196	2.080	15.7	15.4
2 1	9 42.53	− 5 53.7	1.151	2.081	12.0	15.2
2 11	9 33.71	− 5 26.8	1.128	2.083	9.2	15.1
2 21	9 24.76	− 4 30.9	1.128	2.086	9.2	15.1
3 2	9 17.15	− 3 14.5	1.152	2.089	12.0	15.2
3 12	9 12.08	− 1 49.0	1.199	2.094	15.6	15.5
256078	2006 UQ_{200}		2 10.7	70.°14	5.°3/ 7.3	18
1 2	10 7.15	+25 43.5	1.645	2.438	16.7	20.6
1 12	10 2.48	+26 35.9	1.588	2.461	13.2	20.4
1 22	9 54.76	+27 30.6	1.554	2.483	9.4	20.3
2 1	9 44.73	+28 19.0	1.544	2.506	6.1	20.1
2 11	9 33.65	+28 52.8	1.562	2.529	5.6	20.1
2 21	9 22.96	+29 6.8	1.607	2.552	8.3	20.3
3 2	9 13.95	+28 59.8	1.678	2.574	11.7	20.6
3 12	9 7.57	+28 33.8	1.772	2.597	14.8	20.8
194331	2001 UZ_{133}		2 10.7	23.°89	1.°2/11.3	18
1 2	9 57.83	+10 11.0	1.101	1.910	22.2	20.4
1 12	9 56.31	+10 11.7	1.038	1.918	17.9	20.1
1 22	9 51.21	+10 33.6	0.992	1.928	12.6	19.9
2 1	9 43.21	+11 13.4	0.967	1.940	6.7	19.6
2 11	9 33.70	+12 3.7	0.966	1.952	1.2	19.2
2 21	9 24.36	+12 55.5	0.988	1.966	6.2	19.6
3 2	9 16.84	+13 40.3	1.034	1.980	11.9	20.0
3 12	9 12.34	+14 12.3	1.101	1.996	16.8	20.3
461440	2002 CR_{311}		2 10.7	338.°28	0.°7/10.9	18
1 2	10 3.81	+14 27.1	1.607	2.387	17.6	20.3
1 12	10 0.15	+13 51.8	1.513	2.377	14.2	20.1
1 22	9 53.46	+13 24.5	1.439	2.368	10.0	19.8
2 1	9 44.28	+13 3.1	1.389	2.360	5.2	19.5
2 11	9 33.67	+12 44.8	1.366	2.353	0.7	19.2
2 21	9 22.97	+12 26.6	1.371	2.346	5.3	19.5
3 2	9 13.58	+12 6.2	1.403	2.340	10.2	19.7
3 12	9 6.63	+11 41.7	1.458	2.335	14.6	20.0

179207 2001 TX_{196} 2 10.7 201.°54 2.°5/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.32	+ 2 56.0	2.562	3.274	13.4	21.7
1 12	9 55.36	+ 3 16.5	2.452	3.270	11.1	21.5
1 22	9 49.48	+ 3 52.7	2.364	3.264	8.2	21.3
2 1	9 42.06	+ 4 43.6	2.303	3.258	5.1	21.1
2 11	9 33.75	+ 5 46.1	2.271	3.250	2.6	20.9
2 21	9 25.30	+ 6 55.7	2.271	3.242	3.9	21.0
3 2	9 17.52	+ 8 7.1	2.301	3.234	7.0	21.2
3 12	9 11.15	+ 9 15.2	2.358	3.225	10.1	21.4

327865 2006 YN_{35} 2 10.7 71.°58 5.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.92	+24 28.8	1.709	2.507	15.9	20.5
1 12	9 58.44	+26 8.7	1.651	2.527	12.5	20.3
1 22	9 52.07	+27 54.0	1.615	2.547	9.0	20.2
2 1	9 43.46	+29 34.7	1.606	2.566	6.2	20.1
2 11	9 33.71	+31 0.1	1.625	2.586	6.3	20.1
2 21	9 24.11	+32 2.8	1.671	2.606	8.9	20.3
3 2	9 15.94	+32 39.4	1.743	2.625	12.1	20.5
3 12	9 10.17	+32 50.8	1.837	2.644	15.1	20.8

359155 2009 BQ_{129} 2 10.7 57.°51 1.°7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.08	+15 0.8	1.382	2.178	19.2	20.6
1 12	9 58.95	+15 40.8	1.319	2.195	15.1	20.3
1 22	9 52.63	+16 35.4	1.275	2.212	10.3	20.1
2 1	9 43.80	+17 38.1	1.256	2.229	5.1	19.9
2 11	9 33.71	+18 39.8	1.262	2.247	1.9	19.7
2 21	9 23.86	+19 32.2	1.295	2.265	6.4	20.0
3 2	9 15.65	+20 9.4	1.354	2.283	11.2	20.3
3 12	9 10.11	+20 29.2	1.435	2.302	15.4	20.6

146720 2001 WC_{87} 2 10.7 17.°58 0.°3/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.17	+12 46.6	1.413	2.206	18.9	19.3
1 12	9 56.65	+12 43.0	1.339	2.212	15.1	19.1
1 22	9 51.07	+12 53.5	1.285	2.218	10.6	18.8
2 1	9 43.05	+13 14.8	1.253	2.226	5.4	18.6
2 11	9 33.74	+13 41.5	1.248	2.234	0.3	18.2
2 21	9 24.53	+14 7.4	1.268	2.244	5.5	18.6
3 2	9 16.79	+14 27.4	1.314	2.254	10.5	18.9
3 12	9 11.59	+14 37.9	1.383	2.265	14.8	19.2

406155 2006 VU_{171} 2 10.7 63.°10 1.°0/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.38	+10 54.9	1.591	2.368	17.9	20.5
1 12	9 57.08	+12 12.3	1.532	2.397	14.0	20.3
1 22	9 51.04	+13 47.9	1.494	2.426	9.5	20.1
2 1	9 42.91	+15 34.3	1.481	2.454	4.6	19.9
2 11	9 33.76	+17 21.7	1.497	2.483	1.2	19.7
2 21	9 24.83	+19 0.0	1.542	2.512	5.6	20.1
3 2	9 17.29	+20 21.9	1.614	2.540	10.0	20.4
3 12	9 12.03	+21 23.6	1.710	2.568	13.7	20.7

276770 2004 HC 2 10.7 68.°73 53.°2/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	19 39.28	−45 31.1	0.586	0.515	126.4	22.7
1 12	19 39.24	−59 35.8	0.521	0.655	113.0	21.9
1 22	19 32.33	−71 4.8	0.487	0.781	99.2	21.4
2 1	19 21.55	−81 2.8	0.459	0.889	87.8	21.0
2 11	8 59.66	−88 52.1	0.431	0.982	78.0	20.8
2 21	7 39.22	−77 39.6	0.404	1.060	68.9	20.5
3 2	7 39.98	−64 21.2	0.385	1.124	60.3	20.2
3 12	7 46.67	−49 24.6	0.384	1.175	53.2	20.1

217805 2000 XX_{8} 2 10.7 68.°59 1.°7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.21	+17 44.8	1.863	2.636	15.8	19.6
1 12	10 1.12	+18 4.1	1.804	2.667	12.4	19.5
1 22	9 53.50	+18 30.6	1.767	2.698	8.4	19.3
2 1	9 44.02	+18 59.4	1.757	2.729	4.2	19.1
2 11	9 33.74	+19 24.8	1.775	2.760	1.8	19.0
2 21	9 23.80	+19 42.5	1.823	2.790	5.3	19.3
3 2	9 15.28	+19 49.8	1.899	2.820	9.1	19.6
3 12	9 8.95	+19 46.0	2.000	2.850	12.4	19.8

101665 1999 CV_{89} 2 10.7 20.°69 5.°4/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.80	+26 26.3	1.472	2.274	17.9	18.7
1 12	10 2.80	+26 49.0	1.402	2.279	14.3	18.4
1 22	9 55.35	+27 13.0	1.352	2.284	10.3	18.2
2 1	9 45.20	+27 30.0	1.325	2.290	6.5	18.0
2 11	9 33.69	+27 32.1	1.325	2.297	5.6	18.0
2 21	9 22.46	+27 14.6	1.351	2.304	8.6	18.2
3 2	9 13.05	+26 37.0	1.403	2.312	12.6	18.4
3 12	9 6.55	+25 42.1	1.476	2.320	16.3	18.7

346051 2007 UK_{26} 2 10.7 145.°87 0.°2/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.75	+11 54.9	2.635	3.384	12.2	21.9
1 12	9 54.76	+12 12.1	2.543	3.390	9.7	21.7
1 22	9 48.95	+12 38.5	2.474	3.396	6.8	21.5
2 1	9 41.75	+13 11.5	2.432	3.402	3.5	21.3
2 11	9 33.81	+13 47.7	2.421	3.408	0.2	21.0
2 21	9 25.86	+14 23.2	2.441	3.413	3.5	21.3
3 2	9 18.67	+14 54.6	2.490	3.418	6.8	21.6
3 12	9 12.88	+15 19.3	2.566	3.423	9.7	21.8

492470 2014 NJ_{30} 2 10.7 187.°55 2.°1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.07	+ 6 19.4	1.952	2.693	16.2	22.5
1 12	9 58.15	+ 6 28.6	1.855	2.693	13.2	22.3
1 22	9 51.75	+ 6 54.5	1.779	2.692	9.6	22.0
2 1	9 43.34	+ 7 35.5	1.728	2.691	5.5	21.8
2 11	9 33.75	+ 8 27.6	1.706	2.689	2.2	21.6
2 21	9 24.06	+ 9 25.2	1.713	2.687	4.5	21.7
3 2	9 15.35	+10 22.2	1.748	2.683	8.7	21.9
3 12	9 8.57	+11 13.4	1.809	2.680	12.5	22.2

209354 2004 DS_{25} 2 10.7 253.°80 3.°6/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.45	+24 16.4	2.354	3.134	12.7	20.9
1 12	9 57.31	+24 51.5	2.265	3.131	10.0	20.7
1 22	9 50.95	+25 29.6	2.199	3.128	7.1	20.5
2 1	9 42.83	+26 5.2	2.160	3.125	4.4	20.3
2 11	9 33.78	+26 33.0	2.150	3.121	3.8	20.3
2 21	9 24.72	+26 48.8	2.169	3.118	6.1	20.4
3 2	9 16.63	+26 50.2	2.217	3.115	9.1	20.6
3 12	9 10.29	+26 37.2	2.289	3.112	12.0	20.8

75076 1999 VE_{22} 2 10.7 207.°26 3.°5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.62	+19 13.7	1.566	2.357	17.5	19.5
1 12	10 1.02	+20 4.9	1.481	2.355	13.9	19.2
1 22	9 54.22	+21 7.4	1.417	2.352	9.6	18.9
2 1	9 44.74	+22 14.0	1.377	2.348	5.3	18.7
2 11	9 33.72	+23 15.2	1.365	2.344	3.7	18.6
2 21	9 22.58	+24 2.6	1.380	2.340	7.5	18.8
3 2	9 12.87	+24 30.9	1.421	2.336	12.0	19.0
3 12	9 5.77	+24 38.8	1.485	2.331	16.1	19.3

203792 2002 TM_{68} 2 10.7 108.°65 2.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.40	+ 6 42.4	2.381	3.113	13.8	20.1
1 12	9 56.19	+ 6 29.2	2.292	3.123	11.3	20.0
1 22	9 50.01	+ 6 27.8	2.225	3.134	8.2	19.8
2 1	9 42.30	+ 6 37.3	2.184	3.143	4.9	19.6
2 11	9 33.80	+ 6 55.4	2.172	3.153	2.3	19.4
2 21	9 25.33	+ 7 18.7	2.190	3.163	3.9	19.6
3 2	9 17.71	+ 7 43.9	2.238	3.172	7.1	19.8
3 12	9 11.65	+ 8 7.3	2.312	3.181	10.2	20.0

259282 2003 EV_{2} 2 10.7 287.°91 1.°9/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.55	+19 38.7	2.437	3.206	12.6	20.7
1 12	9 57.40	+19 50.5	2.323	3.185	10.0	20.5
1 22	9 51.06	+20 7.3	2.233	3.163	7.0	20.3
2 1	9 42.95	+20 25.2	2.171	3.142	3.7	20.0
2 11	9 33.78	+20 40.2	2.137	3.120	2.0	19.9
2 21	9 24.45	+20 48.3	2.134	3.098	4.9	20.0
3 2	9 15.90	+20 47.0	2.160	3.077	8.4	20.2
3 12	9 8.98	+20 35.3	2.212	3.055	11.6	20.4

144586 2004 FP_{38} 2 10.7 91.°09 1.°5/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.18	+17 33.0	1.829	2.602	16.0	19.0
1 12	10 1.36	+17 44.7	1.756	2.619	12.6	18.8
1 22	9 53.85	+18 4.0	1.704	2.635	8.7	18.6
2 1	9 44.30	+18 26.3	1.679	2.651	4.3	18.3
2 11	9 33.74	+18 46.2	1.682	2.667	1.6	18.2
2 21	9 23.39	+18 59.1	1.714	2.683	5.4	18.5
3 2	9 14.41	+19 2.2	1.775	2.698	9.4	18.7
3 12	9 7.67	+18 54.4	1.860	2.713	13.0	19.0

451713 2013 CE_{132} 2 10.7 39.°35 1.°3/10.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.07	+16 6.8	1.157	1.966	21.4	21.4
1 12	10 1.02	+16 11.7	1.101	1.983	16.9	21.2
1 22	9 54.29	+16 29.6	1.063	2.001	11.6	20.9
2 1	9 44.69	+16 54.9	1.046	2.020	5.8	20.7
2 11	9 33.74	+17 19.6	1.054	2.040	1.4	20.5
2 21	9 23.19	+17 36.9	1.088	2.061	6.7	20.9
3 2	9 14.67	+17 42.4	1.145	2.082	12.0	21.2
3 12	9 9.28	+17 34.7	1.224	2.104	16.6	21.5

500392 2012 TK_{88} 2 10.7 136.°46 0.°4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.78	+14 1.0	2.827	3.578	11.4	22.6
1 12	9 54.63	+14 24.7	2.738	3.589	9.0	22.5
1 22	9 48.78	+14 56.0	2.674	3.599	6.2	22.3
2 1	9 41.64	+15 32.0	2.638	3.609	3.1	22.1
2 11	9 33.84	+16 9.0	2.632	3.619	0.5	21.9
2 21	9 26.05	+16 43.5	2.657	3.628	3.5	22.2
3 2	9 18.99	+17 12.5	2.713	3.636	6.6	22.4
3 12	9 13.24	+17 33.9	2.795	3.645	9.3	22.6

27723 1990 QA 2 10.7 106.°54 7.°5/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 8.04	+39 13.7	2.580	3.345	12.1	17.9
1 12	10 2.43	+40 19.7	2.525	3.362	10.1	17.8
1 22	9 54.37	+41 18.6	2.493	3.380	8.4	17.7
2 1	9 44.48	+42 3.2	2.488	3.397	7.5	17.7
2 11	9 33.75	+42 27.6	2.511	3.413	7.8	17.7
2 21	9 23.26	+42 29.0	2.561	3.430	9.1	17.8
3 2	9 14.07	+42 7.8	2.636	3.446	10.9	18.0
3 12	9 6.97	+41 26.8	2.734	3.461	12.6	18.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
407331	2010 PR_{76}		2 10.7	197.°66	1.°9/12.4	18
	h m	° ′			°	m
1 2	9 59.61	+ 4 22.1	2.107	2.840	15.4	21.4
1 12	9 56.07	+ 4 59.4	2.004	2.837	12.6	21.2
1 22	9 50.25	+ 5 55.9	1.923	2.834	9.2	21.0
2 1	9 42.58	+ 7 9.7	1.868	2.830	5.3	20.8
2 11	9 33.81	+ 8 36.0	1.842	2.825	2.0	20.5
2 21	9 24.88	+10 8.0	1.846	2.820	4.2	20.7
3 2	9 16.80	+11 38.3	1.880	2.815	8.2	20.9
3 12	9 10.44	+13 0.4	1.941	2.809	11.9	21.1
225587	2000 WS_{77}		2 10.7	68.°66	1.°6/ 9.6	18
1 2	10 2.98	+17 1.1	1.833	2.611	15.8	20.5
1 12	9 58.81	+17 25.8	1.765	2.631	12.4	20.3
1 22	9 52.08	+17 59.1	1.718	2.650	8.5	20.1
2 1	9 43.41	+18 36.2	1.697	2.670	4.2	19.9
2 11	9 33.80	+19 11.1	1.705	2.690	1.8	19.7
2 21	9 24.39	+19 38.4	1.741	2.709	5.4	20.0
3 2	9 16.28	+19 54.9	1.806	2.729	9.3	20.3
3 12	9 10.30	+19 59.0	1.894	2.748	12.8	20.5
419660	2010 TN_{101}		2 10.7	40.°35	7.°5/ 5.9	18
1 2	10 5.63	+30 8.9	1.597	2.398	16.8	21.2
1 12	10 1.84	+31 15.6	1.529	2.402	13.6	21.0
1 22	9 54.72	+32 22.4	1.483	2.407	10.3	20.8
2 1	9 44.92	+33 18.9	1.461	2.412	7.8	20.7
2 11	9 33.75	+33 55.3	1.465	2.418	7.9	20.7
2 21	9 22.75	+34 5.4	1.495	2.423	10.3	20.9
3 2	9 13.46	+33 48.3	1.550	2.429	13.5	21.1
3 12	9 6.98	+33 7.1	1.625	2.435	16.6	21.3
405972	2006 SV_{116}		2 10.7	102.°12	2.°4/ 9.0	18
1 2	10 4.92	+18 33.9	1.911	2.686	15.3	21.7
1 12	10 0.28	+19 11.1	1.841	2.705	12.1	21.5
1 22	9 53.08	+19 56.0	1.793	2.724	8.3	21.3
2 1	9 43.91	+20 43.0	1.771	2.742	4.3	21.1
2 11	9 33.79	+21 25.4	1.778	2.760	2.5	21.0
2 21	9 23.83	+21 57.9	1.815	2.778	5.7	21.3
3 2	9 15.17	+22 17.1	1.880	2.795	9.5	21.5
3 12	9 8.65	+22 22.1	1.969	2.811	12.8	21.8
501439	2014 AC_{20}		2 10.7	120.°73	5.°2/ 5.6	18
1 2	10 0.94	+28 3.3	2.365	3.149	12.5	21.5
1 12	9 56.97	+29 14.7	2.291	3.157	10.0	21.3
1 22	9 50.73	+30 27.5	2.241	3.164	7.4	21.2
2 1	9 42.74	+31 34.8	2.219	3.171	5.5	21.1
2 11	9 33.82	+32 29.6	2.226	3.178	5.5	21.1
2 21	9 24.93	+33 7.3	2.261	3.185	7.5	21.2
3 2	9 17.04	+33 25.5	2.324	3.192	10.1	21.4
3 12	9 10.95	+33 24.6	2.409	3.199	12.5	21.6
153194	2000 VC_{49}		2 10.7	134.°28	2.°3/12.6	18
1 2	9 58.47	+ 5 25.4	2.063	2.804	15.4	20.3
1 12	9 55.12	+ 5 33.4	1.970	2.807	12.6	20.1
1 22	9 49.54	+ 5 57.6	1.899	2.810	9.2	19.9
2 1	9 42.18	+ 6 36.6	1.852	2.813	5.5	19.6
2 11	9 33.84	+ 7 26.8	1.834	2.816	2.4	19.4
2 21	9 25.45	+ 8 23.2	1.845	2.819	4.3	19.6
3 2	9 17.97	+ 9 20.0	1.884	2.821	8.0	19.8
3 12	9 12.22	+10 12.1	1.949	2.823	11.5	20.0
32468	2000 SS_{176}		2 10.7	253.°46	4.°1/ 7.7	18
1 2	10 5.53	+24 58.8	2.136	2.913	13.9	18.3
1 12	10 0.94	+25 31.6	2.036	2.900	11.1	18.0
1 22	9 53.72	+26 7.3	1.959	2.886	7.9	17.8
2 1	9 44.36	+26 39.9	1.909	2.873	5.0	17.6
2 11	9 33.78	+27 2.9	1.887	2.858	4.4	17.5
2 21	9 23.08	+27 11.6	1.895	2.844	6.9	17.7
3 2	9 13.46	+27 3.5	1.931	2.829	10.3	17.8
3 12	9 5.89	+26 39.1	1.991	2.814	13.5	18.0
186176	2001 UL_{172}		2 10.7	40.°73	1.°5/11.8	18
1 2	9 58.67	+ 8 9.6	1.769	2.532	16.8	20.6
1 12	9 55.68	+ 8 22.0	1.682	2.535	13.6	20.3
1 22	9 50.14	+ 8 51.2	1.616	2.539	9.7	20.1
2 1	9 42.56	+ 9 34.8	1.575	2.542	5.4	19.9
2 11	9 33.84	+10 27.9	1.560	2.546	1.5	19.6
2 21	9 25.08	+11 24.4	1.574	2.550	4.6	19.8
3 2	9 17.42	+12 18.0	1.615	2.553	9.0	20.1
3 12	9 11.80	+13 3.4	1.681	2.558	13.0	20.3
279731	1995 OC_{9}		2 10.7	230.°69	2.°0/12.5	18
1 2	9 57.23	+ 4 54.3	2.058	2.800	15.4	21.0
1 12	9 54.23	+ 5 22.2	1.958	2.797	12.6	20.7
1 22	9 49.00	+ 6 8.5	1.880	2.793	9.2	20.5
2 1	9 41.96	+ 7 11.5	1.826	2.789	5.4	20.3
2 11	9 33.86	+ 8 26.7	1.801	2.785	2.1	20.0
2 21	9 25.62	+ 9 47.8	1.806	2.781	4.2	20.2
3 2	9 18.24	+11 7.9	1.839	2.776	8.2	20.4
3 12	9 12.57	+12 20.8	1.898	2.772	11.9	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10078	Stanthorpe		2 10.7	214.°67	4.°4/ 7.4	18
	h m	° ′			°	m
1 2	10 7.10	+25 54.1	2.208	2.982	13.6	18.5
1 12	10 2.04	+26 32.7	2.113	2.975	10.9	18.3
1 22	9 54.39	+27 13.6	2.042	2.967	7.8	18.1
2 1	9 44.67	+27 50.5	1.998	2.959	5.1	17.9
2 11	9 33.78	+28 16.8	1.984	2.951	4.6	17.8
2 21	9 22.85	+28 27.8	1.998	2.942	7.0	18.0
3 2	9 13.02	+28 21.4	2.041	2.932	10.2	18.1
3 12	9 5.24	+27 58.3	2.109	2.922	13.2	18.3
468410	2016 GU_{176}		2 10.7	201.°00	0.°7/11.5	17
1 2	9 57.79	+ 9 6.4	2.993	3.726	11.3	22.5
1 12	9 53.85	+ 9 29.8	2.885	3.722	9.0	22.4
1 22	9 48.29	+10 3.4	2.801	3.716	6.4	22.2
2 1	9 41.45	+10 45.3	2.744	3.711	3.4	22.0
2 11	9 33.88	+11 32.2	2.719	3.705	0.8	21.7
2 21	9 26.23	+12 20.6	2.724	3.698	3.1	21.9
3 2	9 19.15	+13 6.8	2.761	3.690	6.2	22.1
3 12	9 13.26	+13 47.7	2.825	3.683	8.9	22.3
109631	2001 QT_{326}		2 10.7	76.°64	4.°7/ 6.2	18
1 2	10 0.02	+25 43.9	2.234	3.021	13.0	19.8
1 12	9 56.27	+26 56.1	2.166	3.036	10.3	19.6
1 22	9 50.25	+28 11.1	2.123	3.051	7.4	19.5
2 1	9 42.50	+29 21.9	2.107	3.065	5.1	19.4
2 11	9 33.85	+30 21.5	2.120	3.080	5.1	19.4
2 21	9 25.29	+31 4.7	2.161	3.095	7.2	19.6
3 2	9 17.78	+31 28.9	2.230	3.110	9.9	19.7
3 12	9 12.10	+31 34.3	2.322	3.124	12.5	19.9
415704	1998 BY_{5}		2 10.7	335.°41	1.°0/ 9.9	17
1 2	9 56.91	+13 29.6	1.642	2.431	16.9	21.5
1 12	9 54.67	+14 5.6	1.551	2.423	13.5	21.3
1 22	9 49.70	+14 56.9	1.482	2.416	9.3	21.0
2 1	9 42.45	+15 59.0	1.436	2.410	4.7	20.7
2 11	9 33.87	+17 4.9	1.418	2.404	1.1	20.4
2 21	9 25.15	+18 6.6	1.427	2.399	5.7	20.7
3 2	9 17.57	+18 57.4	1.462	2.394	10.4	21.0
3 12	9 12.19	+19 33.1	1.521	2.389	14.5	21.2
200338	2000 HP_{43}		2 10.7	225.°42	0.°4/10.4	18
1 2	10 3.96	+12 57.3	1.911	2.674	15.8	21.4
1 12	9 59.91	+13 22.0	1.808	2.663	12.7	21.2
1 22	9 53.17	+14 0.0	1.725	2.652	8.9	20.9
2 1	9 44.19	+14 47.6	1.669	2.640	4.5	20.6
2 11	9 33.83	+15 39.1	1.641	2.627	0.5	20.3
2 21	9 23.24	+16 28.2	1.642	2.614	5.1	20.6
3 2	9 13.65	+17 9.4	1.672	2.600	9.6	20.8
3 12	9 6.12	+17 38.9	1.727	2.585	13.6	21.0
126537	2002 CW_{89}		2 10.7	138.°65	1.°5/ 9.7	18
1 2	10 6.74	+18 42.6	2.255	3.016	13.7	20.0
1 12	10 1.36	+18 46.2	2.169	3.024	10.9	19.8
1 22	9 53.66	+18 54.7	2.105	3.033	7.5	19.6
2 1	9 44.20	+19 4.4	2.069	3.040	3.8	19.3
2 11	9 33.84	+19 11.1	2.063	3.048	1.6	19.2
2 21	9 23.58	+19 11.6	2.088	3.055	4.7	19.4
3 2	9 14.41	+19 3.9	2.143	3.061	8.3	19.7
3 12	9 7.13	+18 47.3	2.223	3.068	11.5	19.9
114488	2003 AB_{58}		2 10.7	85.°16	2.°3/ 9.2	18
1 2	10 5.34	+15 45.2	1.449	2.237	18.8	19.3
1 12	10 1.39	+16 39.3	1.388	2.259	14.8	19.1
1 22	9 54.26	+17 47.3	1.347	2.282	10.1	18.9
2 1	9 44.66	+19 1.6	1.331	2.304	5.1	18.7
2 11	9 33.85	+20 12.4	1.342	2.325	2.5	18.5
2 21	9 23.30	+21 11.2	1.380	2.347	6.6	18.9
3 2	9 14.43	+21 52.6	1.445	2.368	11.2	19.2
3 12	9 8.24	+22 14.8	1.533	2.388	15.2	19.5
427706	2004 FL_{79}		2 10.7	159.°88	2.°7/13.5	17
1 2	9 56.14	+ 2 36.3	2.650	3.366	13.0	22.1
1 12	9 52.75	+ 2 47.5	2.550	3.368	10.7	21.9
1 22	9 47.63	+ 3 13.1	2.473	3.371	8.0	21.8
2 1	9 41.16	+ 3 52.4	2.421	3.373	5.1	21.6
2 11	9 33.95	+ 4 42.6	2.399	3.376	2.8	21.4
2 21	9 26.68	+ 5 39.9	2.407	3.378	3.7	21.5
3 2	9 20.09	+ 6 39.8	2.444	3.379	6.5	21.7
3 12	9 14.79	+ 7 37.6	2.509	3.381	9.4	21.9
234849	2002 RH_{194}		2 10.7	52.°16	1.°1/11.6	18
1 2	9 57.25	+ 8 20.9	1.978	2.736	15.5	20.3
1 12	9 54.18	+ 8 44.2	1.899	2.750	12.4	20.1
1 22	9 48.88	+ 9 22.8	1.842	2.764	8.8	19.9
2 1	9 41.86	+10 13.8	1.810	2.778	4.7	19.7
2 11	9 33.94	+11 12.2	1.806	2.792	1.1	19.5
2 21	9 26.07	+12 12.1	1.831	2.806	4.2	19.7
3 2	9 19.21	+13 7.9	1.885	2.821	8.1	20.0
3 12	9 14.13	+13 55.1	1.964	2.836	11.6	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
298866	2004 RA_{326}		2 10.7	128.°22	3.°7/13.3	18
	h m	° ′			°	m
1 2	10 4.71	+ 3 19.0	1.882	2.608	17.2	20.9
1 12	10 0.16	+ 3 1.0	1.799	2.622	14.2	20.7
1 22	9 53.08	+ 3 0.4	1.735	2.636	10.6	20.5
2 1	9 44.01	+ 3 16.8	1.697	2.649	6.8	20.3
2 11	9 33.89	+ 3 47.7	1.686	2.662	3.9	20.1
2 21	9 23.81	+ 4 28.6	1.704	2.674	5.1	20.2
3 2	9 14.89	+ 5 14.1	1.751	2.685	8.7	20.5
3 12	9 8.01	+ 5 58.5	1.823	2.696	12.3	20.7
119555	2001 VW_{39}		2 10.7	192.°59	2.°5/12.7	18
1 2	10 0.43	+ 5 42.0	2.120	2.856	15.2	20.0
1 12	9 56.65	+ 5 36.7	2.022	2.855	12.5	19.7
1 22	9 50.62	+ 5 46.1	1.945	2.854	9.2	19.5
2 1	9 42.79	+ 6 9.3	1.893	2.852	5.5	19.3
2 11	9 33.93	+ 6 43.5	1.870	2.851	2.6	19.1
2 21	9 24.97	+ 7 24.4	1.876	2.849	4.4	19.2
3 2	9 16.91	+ 8 7.3	1.910	2.846	8.0	19.4
3 12	9 10.58	+ 8 47.4	1.971	2.844	11.5	19.6
122985	2000 SE_{244}		2 10.7	280.°71	2.°9/ 9.0	18
1 2	10 3.47	+18 51.5	1.557	2.350	17.5	19.6
1 12	10 0.31	+19 21.9	1.460	2.334	14.0	19.4
1 22	9 53.92	+20 3.1	1.383	2.318	9.8	19.1
2 1	9 44.76	+20 49.0	1.330	2.302	5.2	18.8
2 11	9 33.87	+21 31.6	1.304	2.286	3.1	18.6
2 21	9 22.70	+22 3.1	1.305	2.270	7.1	18.8
3 2	9 12.83	+22 18.3	1.332	2.254	12.0	19.0
3 12	9 5.56	+22 15.6	1.381	2.238	16.4	19.2
289177	2004 VU_{72}		2 10.7	76.°71	3.°9/12.9	18
1 2	10 5.75	+ 4 58.0	1.512	2.262	19.8	20.8
1 12	10 1.46	+ 4 27.2	1.444	2.284	16.2	20.6
1 22	9 54.18	+ 4 15.1	1.395	2.305	12.0	20.4
2 1	9 44.60	+ 4 21.6	1.369	2.327	7.4	20.2
2 11	9 33.88	+ 4 43.7	1.369	2.348	4.0	20.0
2 21	9 23.39	+ 5 16.3	1.397	2.369	5.7	20.2
3 2	9 14.42	+ 5 53.2	1.452	2.390	9.8	20.4
3 12	9 7.96	+ 6 28.5	1.530	2.411	13.8	20.7
199798	2006 UF_{256}		2 10.7	144.°56	12.°4/15.4	17
1 2	10 15.28	− 6 27.8	1.377	2.065	24.0	20.3
1 12	10 9.82	− 8 50.7	1.298	2.074	21.2	20.1
1 22	10 0.61	−10 53.4	1.235	2.083	17.9	19.9
2 1	9 48.17	−12 26.5	1.192	2.091	14.7	19.7
2 11	9 33.78	−13 22.7	1.174	2.098	12.6	19.6
2 21	9 19.19	−13 39.7	1.180	2.104	12.8	19.6
3 2	9 6.27	−13 21.7	1.211	2.110	15.0	19.8
3 12	8 56.48	−12 39.2	1.263	2.115	18.0	20.0
328769	2009 UG_{107}		2 10.7	184.°47	2.°0/12.6	18
1 2	9 59.95	+ 5 35.7	2.529	3.253	13.3	22.0
1 12	9 55.87	+ 5 44.0	2.427	3.253	10.9	21.9
1 22	9 49.86	+ 6 5.6	2.347	3.253	7.9	21.7
2 1	9 42.34	+ 6 39.2	2.293	3.252	4.7	21.5
2 11	9 33.96	+ 7 21.8	2.269	3.251	2.1	21.3
2 21	9 25.50	+ 8 9.6	2.276	3.249	3.7	21.4
3 2	9 17.78	+ 8 58.1	2.313	3.246	7.0	21.6
3 12	9 11.49	+ 9 43.3	2.377	3.243	10.1	21.8
84875	2003 BW_{68}		2 10.7	229.°89	0.°2/10.6	18
1 2	9 56.34	+11 58.9	2.687	3.440	11.9	19.8
1 12	9 52.98	+12 32.9	2.584	3.435	9.5	19.6
1 22	9 47.85	+13 17.2	2.504	3.429	6.6	19.4
2 1	9 41.32	+14 9.0	2.452	3.423	3.3	19.1
2 11	9 33.99	+15 4.1	2.430	3.417	0.2	18.9
2 21	9 26.57	+15 58.2	2.439	3.411	3.6	19.1
3 2	9 19.80	+16 47.0	2.477	3.404	6.9	19.3
3 12	9 14.34	+17 27.4	2.543	3.398	9.9	19.5
332423	2007 RE_{287}		2 10.7	92.°80	1.°0/ 9.7	18
1 2	10 0.16	+15 11.9	2.496	3.255	12.6	21.2
1 12	9 55.90	+15 48.8	2.423	3.279	9.9	21.0
1 22	9 49.75	+16 33.8	2.375	3.303	6.7	20.9
2 1	9 42.20	+17 22.8	2.354	3.326	3.3	20.7
2 11	9 33.97	+18 11.0	2.364	3.349	1.1	20.6
2 21	9 25.85	+18 54.2	2.404	3.372	4.1	20.8
3 2	9 18.62	+19 29.0	2.474	3.394	7.3	21.1
3 12	9 12.92	+19 53.3	2.571	3.416	10.1	21.3
68608	2002 AM_{117}		2 10.7	261.°05	2.°3/11.7	18
1 2	10 12.16	+11 2.9	1.886	2.626	16.7	18.8
1 12	10 6.61	+10 14.3	1.766	2.604	13.8	18.5
1 22	9 58.01	+ 9 32.7	1.667	2.582	10.1	18.2
2 1	9 46.78	+ 8 57.8	1.595	2.559	5.8	17.9
2 11	9 33.84	+ 8 28.3	1.552	2.535	2.3	17.6
2 21	9 20.48	+ 8 2.5	1.539	2.511	5.3	17.8
3 2	9 8.14	+ 7 38.8	1.556	2.486	10.0	18.0
3 12	8 58.08	+ 7 15.2	1.600	2.461	14.3	18.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
403854	2011 UD_{318}		2 10.7	145.°10	5.°3/ 6.7	18
	h m	° ′			°	m
1 2	10 5.82	+25 11.8	1.846	2.633	15.4	21.8
1 12	10 1.47	+26 23.1	1.772	2.641	12.2	21.6
1 22	9 54.22	+27 39.0	1.720	2.649	8.8	21.4
2 1	9 44.68	+28 51.0	1.695	2.656	5.9	21.2
2 11	9 33.90	+29 50.0	1.698	2.662	5.7	21.2
2 21	9 23.18	+30 29.4	1.730	2.668	8.3	21.4
3 2	9 13.82	+30 46.2	1.787	2.674	11.6	21.6
3 12	9 6.82	+30 41.4	1.868	2.679	14.7	21.8
500389	2012 TF_{85}		2 10.7	149.°83	0.°0/10.7	17
1 2	9 58.39	+12 23.4	2.648	3.399	12.1	22.3
1 12	9 54.52	+12 43.8	2.555	3.404	9.6	22.1
1 22	9 48.85	+13 13.2	2.485	3.409	6.7	21.9
2 1	9 41.79	+13 49.1	2.443	3.413	3.4	21.7
2 11	9 33.99	+14 27.7	2.431	3.418	0.1	21.4
2 21	9 26.17	+15 5.2	2.449	3.422	3.6	21.8
3 2	9 19.08	+15 38.0	2.498	3.426	6.8	22.0
3 12	9 13.38	+16 3.7	2.573	3.429	9.7	22.2
470879	2009 BP_{36}		2 10.7	311.°83	2.°9/ 7.8	17
1 2	9 55.12	+17 13.5	2.065	2.852	14.0	20.6
1 12	9 52.84	+18 34.2	1.961	2.834	11.0	20.4
1 22	9 48.26	+20 8.6	1.881	2.816	7.6	20.2
2 1	9 41.72	+21 50.5	1.827	2.799	4.1	19.9
2 11	9 33.98	+23 31.7	1.803	2.782	3.2	19.8
2 21	9 25.98	+25 3.7	1.808	2.765	6.4	20.0
3 2	9 18.77	+26 19.7	1.841	2.748	10.2	20.2
3 12	9 13.32	+27 16.0	1.898	2.732	13.6	20.4
60018	1999 TN_{37}		2 10.7	105.°07	0.°8/10.1	18
1 2	10 3.08	+12 24.4	1.900	2.663	15.8	20.0
1 12	9 58.84	+13 15.5	1.829	2.686	12.5	19.8
1 22	9 52.13	+14 20.3	1.780	2.707	8.6	19.6
2 1	9 43.52	+15 33.7	1.757	2.729	4.2	19.4
2 11	9 33.94	+16 48.3	1.763	2.749	0.9	19.2
2 21	9 24.49	+17 57.3	1.799	2.769	4.9	19.5
3 2	9 16.23	+18 54.9	1.864	2.789	9.0	19.8
3 12	9 10.00	+19 38.1	1.954	2.807	12.5	20.0
360484	2002 UR_{50}		2 10.7	269.°52	8.°9/16.6	18
1 2	9 59.48	− 7 51.9	1.863	2.544	18.8	20.9
1 12	9 56.51	− 8 50.9	1.754	2.528	16.6	20.7
1 22	9 50.95	− 9 28.4	1.662	2.512	13.9	20.5
2 1	9 43.17	− 9 39.6	1.590	2.495	11.2	20.3
2 11	9 33.95	− 9 22.2	1.543	2.479	9.2	20.1
2 21	9 24.36	− 8 37.4	1.522	2.462	9.1	20.1
3 2	9 15.61	− 7 30.0	1.526	2.445	11.0	20.1
3 12	9 8.79	− 6 8.5	1.555	2.428	14.0	20.3
89031	2001 TF_{106}		2 10.7	30.°89	4.°4/13.1	18
1 2	9 59.64	+ 4 50.8	1.201	1.983	22.3	18.0
1 12	9 57.47	+ 4 17.3	1.134	1.993	18.4	17.7
1 22	9 51.93	+ 4 6.8	1.085	2.004	13.6	17.5
2 1	9 43.66	+ 4 19.7	1.056	2.017	8.5	17.2
2 11	9 33.94	+ 4 52.6	1.050	2.030	4.6	17.0
2 21	9 24.35	+ 5 38.8	1.069	2.044	6.4	17.2
3 2	9 16.43	+ 6 29.8	1.112	2.058	11.2	17.5
3 12	9 11.35	+ 7 17.5	1.177	2.074	15.8	17.8
496246	2012 HZ_{66}		2 10.7	324.°93	8.°3/16.5	18
1 2	9 55.86	− 6 10.5	1.698	2.405	19.5	20.9
1 12	9 53.78	− 7 0.2	1.599	2.394	17.0	20.7
1 22	9 49.09	− 7 26.3	1.517	2.384	14.1	20.5
2 1	9 42.22	− 7 24.6	1.456	2.374	11.0	20.3
2 11	9 33.98	− 6 53.7	1.418	2.365	8.7	20.1
2 21	9 25.50	− 5 56.3	1.406	2.356	8.6	20.1
3 2	9 17.98	− 4 38.8	1.418	2.348	10.8	20.2
3 12	9 12.49	− 3 10.7	1.455	2.340	14.0	20.4
89490	2001 XW_{35}		2 10.7	122.°23	1.°4/11.4	18
1 2	10 6.32	+11 12.3	1.582	2.349	18.4	19.9
1 12	10 2.08	+10 53.1	1.498	2.353	14.8	19.7
1 22	9 54.78	+10 46.7	1.434	2.358	10.6	19.4
2 1	9 45.03	+10 51.3	1.394	2.362	5.7	19.1
2 11	9 33.91	+11 3.0	1.381	2.367	1.4	18.9
2 21	9 22.82	+11 17.1	1.396	2.371	5.2	19.1
3 2	9 13.14	+11 29.3	1.438	2.374	10.1	19.4
3 12	9 5.96	+11 36.0	1.504	2.378	14.4	19.7
259089	2002 VZ_{67}		2 10.7	359.°05	0.°8/10.2	18
1 2	9 51.77	+11 54.8	1.202	2.018	20.3	19.3
1 12	9 51.48	+12 32.6	1.127	2.014	16.2	19.1
1 22	9 47.97	+13 32.1	1.069	2.011	11.2	18.8
2 1	9 41.76	+14 48.2	1.034	2.009	5.6	18.4
2 11	9 34.00	+16 11.4	1.023	2.009	0.9	18.1
2 21	9 26.17	+17 30.6	1.036	2.011	6.5	18.5
3 2	9 19.82	+18 35.9	1.073	2.015	12.1	18.8
3 12	9 16.17	+19 21.4	1.131	2.020	16.9	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
233148	2005 UP_{214}		2 10.7	169.°54	2.°2/12.1	18
	h m	° ′			°	m
1 2	10 5.32	+ 7 30.7	1.776	2.523	17.4	21.0
1 12	10 0.98	+ 7 23.5	1.686	2.527	14.2	20.8
1 22	9 53.88	+ 7 31.9	1.615	2.530	10.3	20.5
2 1	9 44.54	+ 7 54.5	1.569	2.533	5.9	20.3
2 11	9 33.93	+ 8 27.9	1.551	2.535	2.3	20.0
2 21	9 23.26	+ 9 6.7	1.562	2.536	4.9	20.2
3 2	9 13.76	+ 9 45.5	1.601	2.537	9.3	20.5
3 12	9 6.47	+10 19.4	1.665	2.537	13.3	20.7
429930	2012 TX_{265}		2 10.7	115.°01	2.°1/12.8	17
1 2	9 56.48	+ 4 53.9	2.502	3.232	13.3	21.8
1 12	9 53.13	+ 5 7.4	2.408	3.238	10.9	21.6
1 22	9 47.96	+ 5 34.8	2.336	3.243	7.9	21.5
2 1	9 41.38	+ 6 14.9	2.290	3.249	4.8	21.3
2 11	9 34.02	+ 7 4.4	2.273	3.254	2.2	21.1
2 21	9 26.64	+ 7 59.2	2.286	3.260	3.6	21.2
3 2	9 19.99	+ 8 54.6	2.329	3.265	6.8	21.4
3 12	9 14.73	+ 9 46.3	2.399	3.270	9.8	21.6
266848	2009 UB_{53}		2 10.7	23.°12	1.°1/ 9.9	18
1 2	10 0.53	+15 24.0	1.869	2.647	15.5	21.1
1 12	9 57.10	+15 47.2	1.782	2.648	12.3	20.9
1 22	9 51.13	+16 20.9	1.717	2.649	8.5	20.7
2 1	9 43.12	+17 1.0	1.677	2.650	4.2	20.4
2 11	9 33.98	+17 41.6	1.666	2.651	1.2	20.2
2 21	9 24.83	+18 17.2	1.682	2.653	5.2	20.5
3 2	9 16.79	+18 43.2	1.727	2.654	9.4	20.7
3 12	9 10.77	+18 57.1	1.796	2.656	13.1	21.0
222347	2000 WX_{73}		2 10.7	78.°10	1.°7/ 9.5	18
1 2	10 2.16	+17 10.6	1.913	2.690	15.3	20.8
1 12	9 58.22	+17 36.0	1.835	2.701	12.0	20.6
1 22	9 51.77	+18 10.1	1.780	2.712	8.2	20.4
2 1	9 43.38	+18 48.0	1.750	2.723	4.2	20.2
2 11	9 33.98	+19 23.9	1.749	2.734	1.8	20.0
2 21	9 24.68	+19 52.6	1.777	2.745	5.3	20.3
3 2	9 16.57	+20 10.4	1.833	2.755	9.2	20.5
3 12	9 10.49	+20 15.9	1.913	2.766	12.7	20.8
403214	2008 TX_{171}		2 10.7	122.°38	2.°4/12.3	18
1 2	10 4.70	+ 6 29.7	1.721	2.467	17.9	22.4
1 12	10 0.43	+ 6 28.1	1.641	2.481	14.5	22.2
1 22	9 53.43	+ 6 43.9	1.581	2.495	10.5	21.9
2 1	9 44.27	+ 7 15.4	1.546	2.508	6.1	21.7
2 11	9 33.97	+ 7 58.3	1.538	2.521	2.5	21.5
2 21	9 23.73	+ 8 47.0	1.559	2.533	4.9	21.7
3 2	9 14.76	+ 9 35.1	1.607	2.544	9.2	22.0
3 12	9 8.03	+10 17.5	1.681	2.555	13.1	22.2
278986	Chenshuchu		2 10.7	161.°47	0.°5/10.3	18
1 2	9 59.08	+13 17.1	2.329	3.090	13.3	21.1
1 12	9 55.39	+13 47.2	2.237	3.092	10.6	20.9
1 22	9 49.65	+14 27.6	2.168	3.095	7.3	20.7
2 1	9 42.28	+15 15.1	2.126	3.097	3.6	20.4
2 11	9 34.03	+16 4.7	2.113	3.099	0.6	20.2
2 21	9 25.74	+16 51.6	2.130	3.101	4.2	20.5
3 2	9 18.29	+17 31.6	2.176	3.102	7.8	20.7
3 12	9 12.42	+18 1.8	2.249	3.104	11.0	20.9
58372	1995 SQ		2 10.7	190.°44	1.°0/ 9.9	18
1 2	10 3.46	+14 44.2	2.158	2.919	14.3	21.5
1 12	9 59.09	+15 15.0	2.062	2.918	11.3	21.3
1 22	9 52.36	+15 56.2	1.988	2.916	7.8	21.1
2 1	9 43.72	+16 43.7	1.942	2.913	3.9	20.8
2 11	9 33.99	+17 32.2	1.924	2.910	1.1	20.6
2 21	9 24.18	+18 16.1	1.938	2.906	4.8	20.9
3 2	9 15.31	+18 51.0	1.980	2.902	8.7	21.1
3 12	9 8.28	+19 14.4	2.048	2.897	12.2	21.3
92423	2000 JZ_{49}		2 10.7	233.°49	1.°8/11.9	18
1 2	10 4.17	+ 8 34.9	1.845	2.595	16.7	20.7
1 12	10 0.19	+ 8 30.7	1.739	2.584	13.7	20.4
1 22	9 53.46	+ 8 41.1	1.654	2.572	9.9	20.2
2 1	9 44.43	+ 9 4.7	1.593	2.559	5.6	19.9
2 11	9 33.98	+ 9 38.1	1.561	2.546	1.8	19.6
2 21	9 23.25	+10 16.3	1.557	2.531	4.9	19.8
3 2	9 13.53	+10 53.7	1.582	2.517	9.4	20.0
3 12	9 5.90	+11 25.8	1.631	2.502	13.6	20.2
148136	1999 TX_{287}		2 10.7	133.°17	1.°7/11.8	18
1 2	10 2.34	+ 7 49.6	1.472	2.241	19.4	20.4
1 12	9 59.20	+ 8 1.2	1.389	2.245	15.8	20.1
1 22	9 52.97	+ 8 32.9	1.326	2.249	11.3	19.9
2 1	9 44.21	+ 9 22.4	1.286	2.253	6.2	19.6
2 11	9 33.99	+10 23.8	1.271	2.257	1.7	19.3
2 21	9 23.72	+11 29.2	1.285	2.260	5.4	19.6
3 2	9 14.83	+12 30.4	1.324	2.263	10.5	19.8
3 12	9 8.46	+13 21.4	1.387	2.266	15.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
371151	2005 XA_{43}		2 10.8	187.°88	4.°2/14.6	17
	h m	° ′			°	m
1 2	10 1.22	− 1 6.1	2.739	3.421	13.3	22.4
1 12	9 56.72	− 1 25.5	2.631	3.421	11.2	22.3
1 22	9 50.40	− 1 30.7	2.545	3.419	8.8	22.1
2 1	9 42.64	− 1 21.1	2.484	3.417	6.2	21.9
2 11	9 34.04	− 0 57.8	2.452	3.414	4.4	21.8
2 21	9 25.35	− 0 23.0	2.451	3.410	4.8	21.8
3 2	9 17.31	+ 0 19.4	2.480	3.406	7.0	21.9
3 12	9 10.61	+ 1 5.1	2.536	3.401	9.6	22.1
159042	2004 TU_{97}		2 10.8	251.°11	0.°1/10.7	18
1 2	9 59.29	+12 19.9	2.020	2.786	14.9	20.9
1 12	9 55.94	+12 42.3	1.927	2.785	11.9	20.7
1 22	9 50.24	+13 17.0	1.856	2.783	8.3	20.4
2 1	9 42.67	+14 0.7	1.811	2.782	4.2	20.2
2 11	9 34.04	+14 48.4	1.794	2.781	0.2	19.8
2 21	9 25.34	+15 34.7	1.806	2.779	4.5	20.2
3 2	9 17.60	+16 14.4	1.847	2.778	8.6	20.4
3 12	9 11.68	+16 44.2	1.913	2.776	12.2	20.7
280513	2004 PD_{28}		2 10.8	189.°92	3.°1/13.1	18
1 2	10 3.09	+ 3 34.9	2.034	2.758	16.1	21.9
1 12	9 58.92	+ 3 35.9	1.933	2.757	13.3	21.7
1 22	9 52.32	+ 3 54.4	1.853	2.756	9.9	21.5
2 1	9 43.75	+ 4 29.7	1.798	2.753	6.2	21.3
2 11	9 34.02	+ 5 18.9	1.771	2.750	3.2	21.1
2 21	9 24.13	+ 6 16.9	1.774	2.746	4.7	21.1
3 2	9 15.18	+ 7 17.8	1.806	2.741	8.5	21.4
3 12	9 8.09	+ 8 15.7	1.864	2.735	12.2	21.6
228405	2001 FL_2		2 10.8	24.°17	3.°2/ 8.3	18
1 2	9 57.39	+18 18.3	1.631	2.431	16.5	19.5
1 12	9 55.01	+19 18.8	1.559	2.438	13.0	19.3
1 22	9 49.88	+20 30.5	1.508	2.446	8.9	19.0
2 1	9 42.55	+21 46.3	1.482	2.454	4.8	18.8
2 11	9 34.04	+22 57.4	1.483	2.463	3.4	18.7
2 21	9 25.59	+23 55.8	1.512	2.473	6.9	19.0
3 2	9 18.42	+24 36.3	1.566	2.483	10.9	19.2
3 12	9 13.49	+24 57.0	1.643	2.494	14.6	19.5
335641	2006 KD_{32}		2 10.8	210.°06	0.°5/10.3	17
1 2	9 59.49	+14 5.8	2.343	3.104	13.2	21.5
1 12	9 55.75	+14 27.7	2.246	3.102	10.5	21.3
1 22	9 49.92	+14 59.0	2.172	3.099	7.3	21.1
2 1	9 42.45	+15 36.5	2.125	3.097	3.6	20.8
2 11	9 34.06	+16 15.8	2.107	3.094	0.6	20.6
2 21	9 25.60	+16 52.4	2.120	3.090	4.2	20.9
3 2	9 17.97	+17 22.4	2.161	3.087	7.8	21.1
3 12	9 11.93	+17 43.3	2.228	3.084	11.1	21.3
496335	2013 PD_{18}		2 10.8	123.°58	0.°8/11.3	18
1 2	10 2.10	+10 56.9	2.083	2.836	14.9	21.8
1 12	9 57.95	+10 59.7	1.995	2.844	12.0	21.6
1 22	9 51.50	+11 13.9	1.930	2.852	8.4	21.4
2 1	9 43.25	+11 37.1	1.891	2.859	4.5	21.2
2 11	9 34.04	+12 5.4	1.880	2.866	0.8	20.9
2 21	9 24.85	+12 34.6	1.899	2.873	4.2	21.2
3 2	9 16.68	+13 0.6	1.947	2.880	8.1	21.4
3 12	9 10.33	+13 20.3	2.021	2.886	11.6	21.6
39928	1998 FR_{70}		2 10.8	358.°21	5.°7/ 7.8	18
1 2	10 1.57	+24 4.3	1.240	2.061	19.5	18.1
1 12	9 59.45	+24 46.8	1.168	2.057	15.6	17.9
1 22	9 53.60	+25 35.9	1.116	2.055	11.1	17.6
2 1	9 44.65	+26 22.0	1.086	2.054	6.9	17.4
2 11	9 34.00	+26 54.5	1.079	2.054	6.0	17.3
2 21	9 23.42	+27 5.4	1.098	2.055	9.5	17.5
3 2	9 14.69	+26 51.6	1.139	2.057	14.1	17.8
3 12	9 9.12	+26 15.1	1.201	2.059	18.3	18.0
239434	2007 TX_{161}		2 10.8	80.°26	5.°0/15.6	18
1 2	9 56.15	− 3 35.6	2.320	3.013	15.2	20.5
1 12	9 53.05	− 3 43.2	2.227	3.020	12.9	20.3
1 22	9 48.01	− 3 31.7	2.154	3.027	10.2	20.1
2 1	9 41.46	− 3 0.5	2.105	3.034	7.4	20.0
2 11	9 34.09	− 2 11.1	2.083	3.042	5.3	19.8
2 21	9 26.68	− 1 7.6	2.089	3.049	5.4	19.9
3 2	9 20.05	+ 0 4.7	2.124	3.056	7.6	20.0
3 12	9 14.90	+ 1 19.4	2.186	3.063	10.3	20.2
467279	2016 EM_{192}		2 10.8	272.°99	6.°5/15.7	17
1 2	9 58.21	− 4 55.1	2.056	2.747	16.9	22.1
1 12	9 55.27	− 5 20.8	1.936	2.725	14.7	21.8
1 22	9 49.98	− 5 25.5	1.835	2.703	12.0	21.6
2 1	9 42.68	− 5 6.6	1.756	2.680	9.1	21.4
2 11	9 34.06	− 4 23.6	1.703	2.657	6.9	21.2
2 21	9 25.08	− 3 19.4	1.678	2.633	6.9	21.1
3 2	9 16.80	− 1 59.5	1.680	2.609	9.4	21.2
3 12	9 10.22	− 0 31.9	1.707	2.585	12.7	21.4

155351 2007 CY_{24} 2 10.8 33.°90 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.27	+ 5 30.0	1.749	2.507	17.2	19.8
1 12	9 53.90	+ 6 19.9	1.661	2.511	13.9	19.6
1 22	9 49.02	+ 7 32.2	1.594	2.515	10.0	19.4
2 1	9 42.13	+ 9 3.6	1.552	2.519	5.5	19.1
2 11	9 34.08	+10 47.2	1.537	2.523	1.4	18.8
2 21	9 25.95	+12 34.0	1.552	2.527	4.6	19.1
3 2	9 18.86	+14 14.8	1.594	2.532	9.1	19.3
3 12	9 13.75	+15 42.3	1.661	2.537	13.2	19.6

218900 Gabybuchholz 2 10.8 0.°74 4.°4/14.6 18

1 2	9 55.08	− 1 21.8	1.757	2.487	18.1	20.5
1 12	9 52.96	− 1 2.7	1.664	2.487	15.2	20.3
1 22	9 48.39	− 0 17.7	1.589	2.486	11.7	20.1
2 1	9 41.82	+ 0 53.0	1.538	2.486	7.8	19.9
2 11	9 34.09	+ 2 25.7	1.513	2.486	4.7	19.7
2 21	9 26.24	+ 4 12.8	1.515	2.487	5.4	19.7
3 2	9 19.37	+ 6 5.0	1.546	2.488	9.0	19.9
3 12	9 14.43	+ 7 52.5	1.602	2.489	12.8	20.2

335959 2007 TZ_{145} 2 10.8 106.°16 4.°0/14.8 18

1 2	9 56.86	− 1 12.9	2.471	3.170	14.2	21.3
1 12	9 53.44	− 1 11.9	2.380	3.181	11.9	21.1
1 22	9 48.18	− 0 53.7	2.309	3.192	9.2	21.0
2 1	9 41.52	− 0 18.7	2.264	3.203	6.4	20.8
2 11	9 34.10	+ 0 31.1	2.247	3.214	4.2	20.7
2 21	9 26.68	+ 1 31.6	2.259	3.224	4.6	20.7
3 2	9 20.01	+ 2 37.8	2.301	3.234	7.0	20.9
3 12	9 14.74	+ 3 44.4	2.370	3.245	9.7	21.1

109404 2001 QD_{181} 2 10.8 197.°49 1.°1/ 9.9 18

1 2	10 3.09	+15 39.8	2.300	3.059	13.5	20.6
1 12	9 58.66	+16 4.4	2.201	3.056	10.7	20.4
1 22	9 51.99	+16 37.6	2.126	3.053	7.4	20.2
2 1	9 43.53	+17 15.7	2.077	3.049	3.7	20.0
2 11	9 34.06	+17 53.9	2.059	3.044	1.2	19.8
2 21	9 24.50	+18 27.6	2.071	3.039	4.6	20.0
3 2	9 15.84	+18 52.9	2.112	3.033	8.3	20.2
3 12	9 8.89	+19 7.8	2.179	3.027	11.6	20.4

137766 1999 XM_{184} 2 10.8 45.°35 5.°5/ 6.9 18

1 2	10 2.93	+26 7.2	1.693	2.492	16.0	19.2
1 12	9 59.26	+27 5.2	1.634	2.510	12.7	19.0
1 22	9 52.68	+28 5.6	1.597	2.528	9.1	18.8
2 1	9 43.89	+28 59.9	1.586	2.547	6.2	18.7
2 11	9 34.05	+29 39.8	1.601	2.566	5.8	18.7
2 21	9 24.48	+30 0.1	1.643	2.585	8.3	18.9
3 2	9 16.41	+29 58.8	1.711	2.605	11.6	19.2
3 12	9 10.77	+29 37.7	1.801	2.625	14.7	19.4

110486 2001 TC_{61} 2 10.8 108.°72 2.°0/ 9.1 18

1 2	10 2.87	+17 12.7	2.057	2.828	14.5	20.7
1 12	9 58.58	+17 57.0	1.983	2.845	11.4	20.6
1 22	9 51.93	+18 49.9	1.931	2.862	7.8	20.4
2 1	9 43.46	+19 46.3	1.907	2.878	4.0	20.2
2 11	9 34.07	+20 39.8	1.912	2.894	2.1	20.1
2 21	9 24.79	+21 24.7	1.946	2.910	5.3	20.3
3 2	9 16.62	+21 57.1	2.009	2.925	8.9	20.5
3 12	9 10.37	+22 15.5	2.097	2.940	12.2	20.8

451653 2012 UO_{57} 2 10.8 176.°82 1.°9/11.9 18

1 2	10 4.74	+ 7 30.8	1.681	2.433	18.0	22.6
1 12	10 0.75	+ 7 37.1	1.590	2.436	14.7	22.4
1 22	9 53.89	+ 8 1.1	1.520	2.437	10.6	22.1
2 1	9 44.65	+ 8 41.0	1.473	2.438	6.0	21.8
2 11	9 34.04	+ 9 32.1	1.454	2.439	2.0	21.6
2 21	9 23.32	+10 27.9	1.464	2.438	5.0	21.8
3 2	9 13.83	+11 21.5	1.501	2.437	9.7	22.1
3 12	9 6.63	+12 7.5	1.563	2.436	14.0	22.3

378803 2008 SW_{172} 2 10.8 122.°31 4.°9/14.9 18

1 2	10 1.15	− 1 46.8	2.437	3.125	14.6	21.1
1 12	9 56.80	− 2 20.3	2.347	3.138	12.4	21.0
1 22	9 50.51	− 2 38.2	2.278	3.151	9.7	20.8
2 1	9 42.71	− 2 39.6	2.234	3.163	7.1	20.7
2 11	9 34.10	− 2 25.1	2.217	3.175	5.1	20.6
2 21	9 25.49	− 1 57.4	2.230	3.187	5.4	20.6
3 2	9 17.71	− 1 20.3	2.272	3.198	7.5	20.7
3 12	9 11.44	− 0 38.7	2.341	3.208	10.1	20.9

378804 2008 SJ_{173} 2 10.8 180.°66 2.°8/13.5 17

1 2	9 59.96	+ 2 54.0	2.842	3.546	12.4	22.0
1 12	9 55.65	+ 2 50.1	2.737	3.548	10.3	21.8
1 22	9 49.61	+ 2 58.8	2.655	3.548	7.7	21.6
2 1	9 42.24	+ 3 19.4	2.599	3.548	5.0	21.4
2 11	9 34.11	+ 3 50.2	2.573	3.548	2.9	21.3
2 21	9 25.92	+ 4 28.1	2.578	3.547	3.8	21.4
3 2	9 18.36	+ 5 9.7	2.613	3.545	6.4	21.5
3 12	9 12.08	+ 5 51.0	2.677	3.542	9.1	21.7

506300 2017 NN_2 2 10.8 204.°24 4.°6/15.1 17

	h m	° ′			°	m
1 2	10 0.45	− 2 45.9	2.840	3.512	13.0	21.5
1 12	9 56.11	− 3 8.4	2.726	3.506	11.1	21.3
1 22	9 50.00	− 3 16.6	2.634	3.499	8.8	21.1
2 1	9 42.47	− 3 9.5	2.567	3.491	6.5	21.0
2 11	9 34.11	− 2 47.8	2.528	3.483	4.8	20.8
2 21	9 25.61	− 2 13.6	2.520	3.474	5.0	20.8
3 2	9 17.71	− 1 30.2	2.542	3.465	7.0	20.9
3 12	9 11.07	− 0 42.2	2.591	3.454	9.4	21.1

297167 2010 VS_{81} 2 10.8 154.°75 2.°8/ 8.5 18

1 2	10 3.18	+19 46.8	2.130	2.904	14.0	21.4
1 12	9 58.90	+20 32.9	2.047	2.911	11.0	21.2
1 22	9 52.22	+21 26.1	1.986	2.916	7.6	21.0
2 1	9 43.66	+22 20.8	1.952	2.922	4.2	20.8
2 11	9 34.08	+23 10.6	1.947	2.926	3.0	20.7
2 21	9 24.51	+23 50.0	1.973	2.931	5.8	20.9
3 2	9 15.98	+24 15.3	2.026	2.935	9.3	21.1
3 12	9 9.36	+24 25.5	2.104	2.938	12.5	21.3

23211 2000 SC_{311} 2 10.8 242.°15 3.°6/13.0 17

1 2	10 3.36	+ 5 2.6	2.143	2.869	15.4	19.6
1 12	9 59.04	+ 4 25.3	2.037	2.861	12.7	19.4
1 22	9 52.38	+ 4 0.3	1.951	2.853	9.6	19.2
2 1	9 43.80	+ 3 48.1	1.891	2.844	6.2	18.9
2 11	9 34.08	+ 3 47.6	1.859	2.835	3.7	18.8
2 21	9 24.19	+ 3 56.4	1.857	2.826	4.9	18.8
3 2	9 15.17	+ 4 11.4	1.883	2.816	8.3	19.0
3 12	9 7.92	+ 4 28.4	1.936	2.807	11.8	19.2

473856 2016 EM_{131} 2 10.8 182.°18 0.°9/10.1 17

1 2	10 1.80	+15 15.3	2.204	2.968	13.9	22.0
1 12	9 57.70	+15 34.5	2.111	2.968	11.0	21.8
1 22	9 51.35	+16 2.6	2.041	2.969	7.6	21.6
2 1	9 43.22	+16 35.9	1.997	2.968	3.8	21.3
2 11	9 34.10	+17 9.9	1.982	2.968	0.9	21.1
2 21	9 24.95	+17 39.8	1.997	2.967	4.5	21.4
3 2	9 16.73	+18 2.1	2.042	2.966	8.3	21.6
3 12	9 10.27	+18 14.6	2.112	2.965	11.7	21.8

273769 2007 EW_{170} 2 10.8 150.°33 1.°6/ 9.6 18

1 2	10 2.64	+17 9.1	2.048	2.819	14.6	21.6
1 12	9 58.54	+17 33.6	1.960	2.823	11.5	21.4
1 22	9 52.02	+18 6.3	1.895	2.826	7.9	21.2
2 1	9 43.58	+18 43.0	1.857	2.829	4.0	21.0
2 11	9 34.10	+19 18.0	1.848	2.832	1.7	20.8
2 21	9 24.62	+19 46.4	1.867	2.835	5.1	21.0
3 2	9 16.21	+20 4.6	1.916	2.837	9.0	21.3
3 12	9 9.73	+20 11.0	1.989	2.839	12.4	21.5

261297 2005 UR_{177} 2 10.8 326.°31 2.°1/12.1 18

1 2	9 59.00	+ 8 7.9	1.748	2.511	17.0	20.3
1 12	9 56.14	+ 7 59.4	1.653	2.505	13.9	20.1
1 22	9 50.66	+ 8 6.2	1.578	2.498	10.1	19.8
2 1	9 43.02	+ 8 27.3	1.526	2.492	5.8	19.6
2 11	9 34.11	+ 8 59.0	1.502	2.486	2.1	19.3
2 21	9 25.06	+ 9 36.4	1.505	2.480	4.8	19.5
3 2	9 17.07	+10 14.0	1.535	2.475	9.2	19.7
3 12	9 11.13	+10 46.7	1.590	2.470	13.3	19.9

414787 2010 RE_{57} 2 10.8 266.°16 0.°5/10.5 16

1 2	10 5.07	+14 54.5	1.792	2.562	16.4	21.6
1 12	10 1.11	+14 55.7	1.684	2.545	13.2	21.3
1 22	9 54.25	+15 6.8	1.598	2.527	9.3	21.0
2 1	9 44.92	+15 24.9	1.537	2.509	4.7	20.7
2 11	9 34.06	+15 44.8	1.504	2.490	0.6	20.4
2 21	9 22.91	+16 1.7	1.499	2.472	5.3	20.7
3 2	9 12.82	+16 11.1	1.522	2.453	10.2	20.9
3 12	9 4.98	+16 10.7	1.570	2.433	14.5	21.1

491109 2011 SR_{65} 2 10.8 140.°70 2.°1/12.2 18

1 2	10 4.77	+ 7 26.3	1.831	2.576	17.0	22.0
1 12	10 0.40	+ 7 21.8	1.745	2.586	13.8	21.8
1 22	9 53.40	+ 7 32.6	1.680	2.595	10.0	21.5
2 1	9 44.31	+ 7 57.2	1.640	2.604	5.7	21.3
2 11	9 34.08	+ 8 31.9	1.628	2.612	2.2	21.1
2 21	9 23.87	+ 9 11.5	1.645	2.619	4.7	21.3
3 2	9 14.83	+ 9 50.8	1.690	2.626	8.9	21.5
3 12	9 7.91	+10 25.0	1.761	2.633	12.7	21.8

448088 2008 JT_{15} 2 10.8 222.°53 2.°0/ 9.5 18

1 2	10 5.51	+16 4.3	1.618	2.398	17.5	22.7
1 12	10 1.74	+16 41.4	1.523	2.390	14.0	22.4
1 22	9 54.84	+17 32.1	1.450	2.382	9.7	22.1
2 1	9 45.26	+18 30.7	1.400	2.373	5.0	21.8
2 11	9 34.06	+19 29.2	1.379	2.363	2.1	21.6
2 21	9 22.62	+20 19.4	1.385	2.353	6.5	21.9
3 2	9 12.46	+20 55.4	1.419	2.342	11.3	22.1
3 12	9 4.81	+21 14.2	1.476	2.331	15.7	22.3

22633 Fazio 2 10.8 274.°42 1.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.16	+16 40.0	1.693	2.478	16.6	18.8
1 12	9 58.95	+17 9.4	1.595	2.465	13.3	18.5
1 22	9 52.82	+17 50.6	1.517	2.451	9.2	18.3
2 1	9 44.21	+18 38.6	1.465	2.438	4.7	18.0
2 11	9 34.09	+19 26.3	1.440	2.424	2.1	17.8
2 21	9 23.73	+20 6.7	1.442	2.410	6.2	18.0
3 2	9 14.52	+20 34.2	1.472	2.397	10.9	18.2
3 12	9 7.63	+20 46.3	1.524	2.383	15.1	18.4

98680 2000 WE_{178} 2 10.8 81.°43 1.°5/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.22	+15 6.0	1.579	2.361	17.8	20.1
1 12	10 0.31	+15 42.2	1.513	2.381	14.0	19.9
1 22	9 53.46	+16 31.1	1.467	2.400	9.6	19.7
2 1	9 44.34	+17 26.9	1.446	2.419	4.8	19.4
2 11	9 34.09	+18 21.8	1.452	2.438	1.6	19.3
2 21	9 24.04	+19 8.6	1.487	2.456	5.8	19.6
3 2	9 15.48	+19 42.4	1.548	2.475	10.3	19.9
3 12	9 9.36	+20 0.9	1.633	2.493	14.2	20.2

412573 2014 OD_3 2 10.8 135.°60 0.°3/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.23	+ 9 44.8	1.889	2.648	16.1	21.3
1 12	9 57.58	+10 24.4	1.805	2.657	12.9	21.1
1 22	9 51.44	+11 20.3	1.742	2.666	9.0	20.8
2 1	9 43.32	+12 28.6	1.704	2.674	4.6	20.6
2 11	9 34.12	+13 42.9	1.695	2.682	0.3	20.3
2 21	9 24.89	+14 56.0	1.716	2.689	4.6	20.6
3 2	9 16.75	+16 1.5	1.765	2.697	8.9	20.9
3 12	9 10.58	+16 54.8	1.840	2.703	12.7	21.1

89030 2001 TQ_{105} 2 10.8 96.°94 5.°1/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 7.56	+23 55.3	1.540	2.335	17.6	19.1
1 12	10 3.27	+24 51.5	1.475	2.349	13.9	18.9
1 22	9 55.70	+25 53.1	1.430	2.362	9.9	18.7
2 1	9 45.54	+26 51.0	1.410	2.375	6.2	18.5
2 11	9 34.07	+27 35.8	1.417	2.388	5.4	18.5
2 21	9 22.82	+28 0.6	1.452	2.401	8.4	18.7
3 2	9 13.28	+28 3.1	1.511	2.414	12.3	18.9
3 12	9 6.52	+27 44.6	1.594	2.426	15.9	19.2

352716 2008 SF_{211} 2 10.8 103.°27 2.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.03	+ 8 33.7	1.569	2.328	18.8	21.2
1 12	10 1.77	+ 8 20.1	1.493	2.342	15.2	21.0
1 22	9 54.53	+ 8 22.5	1.436	2.355	10.9	20.7
2 1	9 44.93	+ 8 39.2	1.403	2.368	6.2	20.5
2 11	9 34.08	+ 9 6.0	1.397	2.381	2.2	20.3
2 21	9 23.35	+ 9 37.6	1.419	2.394	5.2	20.5
3 2	9 14.06	+10 8.5	1.468	2.406	9.8	20.8
3 12	9 7.24	+10 33.9	1.542	2.418	13.9	21.1

140945 2001 VW_{93} 2 10.8 103.°33 5.°8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.53	− 8 54.7	2.742	3.387	14.0	20.2
1 12	9 52.98	− 9 5.2	2.653	3.404	12.1	20.1
1 22	9 47.78	− 8 56.9	2.583	3.421	10.0	20.0
2 1	9 41.31	− 8 28.9	2.537	3.437	7.8	19.9
2 11	9 34.18	− 7 42.1	2.518	3.453	6.2	19.8
2 21	9 27.07	− 6 39.6	2.528	3.468	5.9	19.8
3 2	9 20.65	− 5 26.1	2.566	3.484	7.2	19.9
3 12	9 15.50	− 4 7.2	2.632	3.499	9.2	20.0

203605 2002 EW_{24} 2 10.8 8.°47 1.°6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.29	+15 52.8	1.184	1.998	20.6	20.3
1 12	9 57.55	+16 6.6	1.113	1.999	16.4	20.0
1 22	9 52.24	+16 34.8	1.060	2.001	11.4	19.7
2 1	9 43.99	+17 11.9	1.029	2.004	5.7	19.4
2 11	9 34.12	+17 49.6	1.022	2.008	1.7	19.2
2 21	9 24.30	+18 19.8	1.040	2.013	6.9	19.5
3 2	9 16.23	+18 36.6	1.081	2.019	12.4	19.8
3 12	9 11.16	+18 37.4	1.143	2.027	17.2	20.1

132044 2002 CP_{132} 2 10.8 293.°69 0.°0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.68	+12 19.3	1.532	2.316	18.1	20.8
1 12	9 58.07	+12 30.5	1.433	2.301	14.7	20.5
1 22	9 52.40	+12 57.3	1.354	2.285	10.4	20.2
2 1	9 44.08	+13 36.6	1.298	2.270	5.3	19.9
2 11	9 34.12	+14 22.6	1.269	2.255	0.1	19.4
2 21	9 23.84	+15 8.1	1.266	2.241	5.7	19.8
3 2	9 14.75	+15 46.4	1.289	2.226	11.0	20.1
3 12	9 8.10	+16 12.9	1.336	2.212	15.7	20.3

468714 2010 DH_{44} 2 10.8 289.°86 3.°4/14.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.36	+ 0 38.8	2.229	2.950	15.0	21.7
1 12	9 52.65	+ 0 56.5	2.124	2.943	12.5	21.5
1 22	9 47.92	+ 1 33.6	2.039	2.936	9.5	21.3
2 1	9 41.54	+ 2 29.6	1.979	2.929	6.2	21.1
2 11	9 34.19	+ 3 41.4	1.947	2.922	3.6	20.9
2 21	9 26.70	+ 5 3.8	1.944	2.915	4.4	21.0
3 2	9 19.95	+ 6 30.2	1.970	2.909	7.6	21.1
3 12	9 14.71	+ 7 54.0	2.023	2.902	11.0	21.3

499813 2011 CJ_{110} 2 10.8 171.°26 1.°4/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.05	+ 9 33.5	2.064	2.816	15.1	22.1
1 12	9 57.24	+ 9 29.7	1.970	2.816	12.2	21.9
1 22	9 51.12	+ 9 38.2	1.897	2.817	8.7	21.6
2 1	9 43.15	+ 9 57.1	1.851	2.817	4.8	21.4
2 11	9 34.16	+10 23.1	1.832	2.817	1.4	21.2
2 21	9 25.12	+10 52.0	1.843	2.818	4.2	21.4
3 2	9 17.03	+11 19.6	1.882	2.818	8.2	21.6
3 12	9 10.74	+11 42.2	1.947	2.818	11.7	21.8

463493 2013 QV_{41} 2 10.8 79.°25 1.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.65	+ 8 9.9	1.941	2.695	15.9	21.7
1 12	9 56.27	+ 8 14.7	1.851	2.698	12.8	21.4
1 22	9 50.52	+ 8 34.3	1.783	2.702	9.2	21.2
2 1	9 42.87	+ 9 6.7	1.739	2.705	5.2	21.0
2 11	9 34.17	+ 9 48.0	1.724	2.708	1.7	20.8
2 21	9 25.43	+10 33.1	1.737	2.712	4.3	21.0
3 2	9 17.70	+11 16.7	1.778	2.715	8.4	21.2
3 12	9 11.83	+11 54.1	1.845	2.719	12.1	21.4

227384 2005 UT_{275} 2 10.8 103.°40 2.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.07	+ 5 8.4	1.963	2.704	16.1	20.8
1 12	9 56.54	+ 5 4.1	1.875	2.710	13.2	20.6
1 22	9 50.66	+ 5 16.1	1.807	2.717	9.7	20.4
2 1	9 42.92	+ 5 43.3	1.764	2.723	5.9	20.2
2 11	9 34.17	+ 6 22.5	1.749	2.730	2.9	20.0
2 21	9 25.40	+ 7 9.0	1.763	2.736	4.5	20.1
3 2	9 17.62	+ 7 57.4	1.804	2.742	8.3	20.3
3 12	9 11.69	+ 8 42.4	1.872	2.748	11.8	20.6

245743 2006 DL_{140} 2 10.8 270.°67 0.°3/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.45	+ 8 54.8	1.714	2.481	17.2	21.0
1 12	9 56.85	+ 9 37.6	1.603	2.460	14.0	20.7
1 22	9 51.45	+10 41.5	1.513	2.439	9.9	20.4
2 1	9 43.61	+12 3.7	1.447	2.417	5.2	20.1
2 11	9 34.15	+13 37.6	1.409	2.395	0.3	19.6
2 21	9 24.25	+15 14.2	1.399	2.373	5.3	19.9
3 2	9 15.26	+16 44.2	1.416	2.350	10.5	20.2
3 12	9 8.39	+18 0.1	1.458	2.327	15.0	20.4

289661 2005 GY_{124} 2 10.8 330.°96 0.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 53.96	+10 48.5	2.761	3.515	11.6	20.3
1 12	9 51.11	+11 5.3	2.656	3.505	9.3	20.2
1 22	9 46.60	+11 31.8	2.574	3.497	6.5	20.0
2 1	9 40.78	+12 6.1	2.519	3.488	3.4	19.8
2 11	9 34.23	+12 44.8	2.493	3.480	0.5	19.5
2 21	9 27.59	+13 24.4	2.497	3.472	3.3	19.7
3 2	9 21.56	+14 1.3	2.531	3.464	6.5	19.9
3 12	9 16.76	+14 32.5	2.591	3.456	9.4	20.1

458149 2010 JA_{48} 2 10.8 147.°44 0.°6/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.85	+12 21.6	1.926	2.688	15.7	22.1
1 12	9 58.84	+13 3.8	1.841	2.697	12.5	21.9
1 22	9 52.32	+14 0.0	1.778	2.705	8.6	21.7
2 1	9 43.79	+15 5.6	1.742	2.713	4.3	21.5
2 11	9 34.17	+16 14.1	1.734	2.720	0.7	21.2
2 21	9 24.52	+17 18.6	1.756	2.727	4.9	21.5
3 2	9 15.97	+18 13.3	1.807	2.733	9.1	21.8
3 12	9 9.42	+18 54.6	1.882	2.738	12.8	22.0

294201 2007 TO_{429} 2 10.8 332.°15 5.°1/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.97	+ 0 2.8	1.919	2.649	16.8	20.2
1 12	9 52.76	− 0 25.7	1.814	2.635	14.2	20.0
1 22	9 48.24	− 0 35.8	1.728	2.621	11.1	19.8
2 1	9 41.81	− 0 25.8	1.665	2.608	7.9	19.5
2 11	9 34.21	+ 0 3.3	1.628	2.596	5.4	19.4
2 21	9 26.40	+ 0 48.3	1.618	2.584	5.9	19.4
3 2	9 19.43	+ 1 43.6	1.635	2.573	8.9	19.5
3 12	9 14.22	+ 2 42.7	1.676	2.563	12.4	19.7

463837 2014 TO_{70} 2 10.8 106.°91 0.°4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.02	+12 34.1	1.919	2.686	15.6	21.9
1 12	9 57.36	+13 6.2	1.837	2.696	12.4	21.7
1 22	9 51.26	+13 51.4	1.778	2.706	8.6	21.5
2 1	9 43.24	+14 45.4	1.744	2.716	4.3	21.3
2 11	9 34.19	+15 42.2	1.739	2.725	0.5	21.0
2 21	9 25.16	+16 35.8	1.763	2.735	4.7	21.3
3 2	9 17.24	+17 20.9	1.815	2.744	8.9	21.6
3 12	9 11.26	+17 54.1	1.892	2.753	12.5	21.8

371130 2005 WK_{77} 2 10.8 185.°43 1.°9/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.87	+ 7 57.1	2.073	2.819	15.2	21.2
1 12	9 57.11	+ 7 52.9	1.977	2.819	12.4	21.0
1 22	9 51.04	+ 8 1.9	1.903	2.818	8.9	20.8
2 1	9 43.13	+ 8 23.0	1.854	2.818	5.1	20.5
2 11	9 34.19	+ 8 52.8	1.834	2.818	1.9	20.3
2 21	9 25.18	+ 9 27.2	1.843	2.817	4.2	20.5
3 2	9 17.09	+10 1.6	1.880	2.816	8.1	20.7
3 12	9 10.79	+10 31.8	1.943	2.815	11.7	20.9

127111 2002 GG_{96} 2 10.8 15.°57 4.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.09	+ 1 45.5	1.521	2.276	19.5	19.5
1 12	9 54.07	+ 1 18.5	1.442	2.281	16.3	19.3
1 22	9 49.32	+ 1 13.4	1.381	2.287	12.4	19.0
2 1	9 42.37	+ 1 31.1	1.342	2.294	8.3	18.8
2 11	9 34.21	+ 2 9.2	1.328	2.302	5.2	18.7
2 21	9 26.04	+ 3 2.4	1.340	2.311	6.1	18.7
3 2	9 19.08	+ 4 3.1	1.377	2.320	9.7	19.0
3 12	9 14.34	+ 5 3.5	1.438	2.331	13.7	19.2

465297 2007 TN_{368} 2 10.8 125.°47 3.°5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.13	+24 40.7	2.674	3.446	11.5	21.8
1 12	9 57.54	+25 27.5	2.599	3.460	9.1	21.7
1 22	9 50.99	+26 16.5	2.547	3.473	6.4	21.5
2 1	9 42.98	+27 2.5	2.524	3.486	4.1	21.4
2 11	9 34.21	+27 40.6	2.532	3.499	3.7	21.4
2 21	9 25.53	+28 6.8	2.569	3.511	5.7	21.5
3 2	9 17.73	+28 19.2	2.635	3.523	8.3	21.7
3 12	9 11.50	+28 17.7	2.726	3.535	10.7	21.9

366750 2004 PX_6 2 10.8 112.°05 0.°7/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.27	+ 8 35.8	2.301	3.043	14.0	21.7
1 12	9 56.24	+ 9 10.4	2.220	3.062	11.2	21.6
1 22	9 50.20	+ 9 58.4	2.162	3.080	7.9	21.4
2 1	9 42.61	+10 56.8	2.131	3.098	4.2	21.2
2 11	9 34.22	+12 0.8	2.130	3.116	0.7	20.9
2 21	9 25.89	+13 5.0	2.159	3.133	3.8	21.2
3 2	9 18.45	+14 4.3	2.218	3.149	7.3	21.5
3 12	9 12.62	+14 54.9	2.304	3.165	10.5	21.7

452382 2002 CT_{176} 2 10.8 331.°56 1.°7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.41	+13 11.2	1.238	2.051	20.0	20.6
1 12	9 53.77	+14 0.4	1.150	2.036	16.0	20.3
1 22	9 49.80	+15 11.9	1.081	2.022	11.2	20.0
2 1	9 42.92	+16 40.3	1.034	2.009	5.6	19.6
2 11	9 34.21	+18 15.2	1.012	1.997	1.9	19.4
2 21	9 25.17	+19 44.4	1.014	1.986	7.3	19.7
3 2	9 17.53	+20 57.0	1.040	1.976	13.0	19.9
3 12	9 12.69	+21 46.6	1.086	1.968	18.1	20.2

229256 2005 AW_2 2 10.8 302.°98 2.°6/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.00	+17 58.6	2.082	2.865	14.0	20.1
1 12	9 55.00	+18 58.5	1.992	2.861	11.0	19.9
1 22	9 49.68	+20 8.4	1.924	2.858	7.6	19.6
2 1	9 42.49	+21 22.9	1.884	2.855	4.1	19.4
2 11	9 34.23	+22 34.7	1.872	2.852	2.8	19.3
2 21	9 25.87	+23 37.2	1.889	2.849	5.9	19.5
3 2	9 18.43	+24 25.4	1.934	2.846	9.5	19.7
3 12	9 12.79	+24 56.8	2.004	2.843	12.8	19.9

79627 1998 RP_{67} 2 10.8 71.°09 3.°9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 7.58	+23 13.0	1.684	2.471	16.6	19.3
1 12	10 3.05	+23 34.4	1.606	2.476	13.2	19.1
1 22	9 55.46	+23 59.8	1.550	2.481	9.3	18.8
2 1	9 45.44	+24 22.6	1.519	2.487	5.4	18.6
2 11	9 34.18	+24 35.7	1.515	2.492	4.0	18.6
2 21	9 23.06	+24 34.4	1.540	2.498	7.1	18.7
3 2	9 13.47	+24 16.7	1.591	2.504	11.1	19.0
3 12	9 6.43	+23 43.7	1.666	2.509	14.8	19.2

246788 2009 DC_{87} 2 10.8 135.°71 2.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.04	+ 2 56.5	2.632	3.350	13.0	20.9
1 12	9 52.75	+ 3 10.8	2.534	3.355	10.7	20.7
1 22	9 47.73	+ 3 39.7	2.459	3.359	7.9	20.5
2 1	9 41.37	+ 4 22.1	2.409	3.363	5.0	20.4
2 11	9 34.27	+ 5 15.1	2.389	3.367	2.7	20.2
2 21	9 27.12	+ 6 14.7	2.399	3.371	3.7	20.3
3 2	9 20.65	+ 7 16.3	2.439	3.375	6.5	20.5
3 12	9 15.47	+ 8 15.3	2.506	3.378	9.4	20.7

15696 1986 QG_1 2 10.8 302.°69 1.°6/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.88	+14 24.4	1.520	2.310	18.0	18.2
1 12	9 58.13	+15 8.7	1.436	2.308	14.3	17.9
1 22	9 52.34	+16 9.1	1.372	2.307	9.9	17.6
2 1	9 44.01	+17 19.7	1.332	2.306	5.0	17.4
2 11	9 34.21	+18 32.1	1.319	2.305	1.8	17.1
2 21	9 24.31	+19 37.4	1.334	2.303	6.3	17.4
3 2	9 15.72	+20 28.3	1.374	2.302	11.2	17.7
3 12	9 9.62	+21 1.2	1.437	2.301	15.5	17.9

362326 2010 HW_{30} 2 10.8 112.°31 1.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.72	+13 22.1	1.844	2.615	16.0	20.8
1 12	9 58.04	+14 24.1	1.768	2.630	12.6	20.6
1 22	9 51.81	+15 40.5	1.713	2.644	8.6	20.4
2 1	9 43.56	+17 5.5	1.685	2.658	4.3	20.1
2 11	9 34.23	+18 31.1	1.686	2.672	1.5	20.0
2 21	9 24.93	+19 49.2	1.717	2.685	5.4	20.3
3 2	9 16.80	+20 53.7	1.775	2.697	9.5	20.5
3 12	9 10.72	+21 41.3	1.859	2.710	13.1	20.8

352718 2008 SK_{217} 2 10.8 61.°75 3.°5/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.90	+ 6 31.0	1.414	2.180	20.3	21.2
1 12	10 0.52	+ 5 59.6	1.336	2.186	16.6	20.9
1 22	9 53.95	+ 5 46.3	1.276	2.193	12.2	20.7
2 1	9 44.79	+ 5 51.2	1.239	2.201	7.4	20.4
2 11	9 34.20	+ 6 11.2	1.227	2.208	3.6	20.2
2 21	9 23.63	+ 6 41.2	1.241	2.215	5.8	20.4
3 2	9 14.54	+ 7 15.0	1.281	2.223	10.5	20.6
3 12	9 8.08	+ 7 46.4	1.345	2.230	14.9	20.9

226776 2004 RO_{138} 2 10.8 160.°47 4.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.36	+ 1 44.0	2.298	3.006	14.9	20.8
1 12	9 57.99	+ 1 11.5	2.201	3.010	12.5	20.6
1 22	9 51.50	+ 0 53.1	2.125	3.014	9.6	20.5
2 1	9 43.34	+ 0 49.7	2.074	3.017	6.5	20.3
2 11	9 34.24	+ 1 0.0	2.052	3.021	4.3	20.1
2 21	9 25.07	+ 1 21.6	2.059	3.023	5.0	20.2
3 2	9 16.76	+ 1 50.6	2.095	3.026	7.8	20.4
3 12	9 10.07	+ 2 22.6	2.158	3.028	10.8	20.6

53194 1999 CA_{52} 2 10.8 307.°84 4.°1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.37	+21 16.8	1.659	2.458	16.3	18.6
1 12	9 57.72	+22 5.1	1.564	2.442	13.0	18.4
1 22	9 52.08	+23 2.8	1.490	2.426	9.2	18.1
2 1	9 43.92	+24 2.8	1.441	2.411	5.4	17.8
2 11	9 34.22	+24 56.4	1.419	2.396	4.3	17.7
2 21	9 24.29	+25 35.8	1.424	2.381	7.7	17.9
3 2	9 15.55	+25 55.9	1.454	2.367	12.0	18.1
3 12	9 9.20	+25 55.5	1.507	2.353	15.9	18.3

52391 1993 QP_5 2 10.8 198.°37 0.°8/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.18	+15 47.1	2.074	2.836	14.7	19.1
1 12	10 0.58	+15 54.0	1.978	2.834	11.7	18.9
1 22	9 53.49	+16 9.1	1.905	2.832	8.1	18.6
2 1	9 44.41	+16 29.0	1.857	2.829	4.1	18.4
2 11	9 34.22	+16 49.0	1.839	2.826	0.9	18.1
2 21	9 23.97	+17 4.9	1.851	2.822	4.7	18.4
3 2	9 14.76	+17 13.4	1.892	2.818	8.8	18.6
3 12	9 7.50	+17 12.7	1.958	2.813	12.4	18.8

338267 2002 TQ_{271} 2 10.8 53.°64 0.°6/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 5.17	+14 4.6	1.208	2.007	21.2	20.6
1 12	10 1.93	+14 11.0	1.146	2.022	16.9	20.3
1 22	9 55.07	+14 32.7	1.102	2.038	11.7	20.1
2 1	9 45.35	+15 4.6	1.081	2.054	5.9	19.8
2 11	9 34.20	+15 39.1	1.084	2.071	0.6	19.5
2 21	9 23.33	+16 8.7	1.113	2.088	6.3	19.9
3 2	9 14.39	+16 28.0	1.167	2.105	11.7	20.3
3 12	9 8.49	+16 34.1	1.243	2.122	16.4	20.6

105482 2000 QJ_{216} 2 10.8 226.°32 0.°6/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.66	+13 19.6	2.283	3.042	13.6	20.9
1 12	9 56.87	+13 51.5	2.178	3.032	10.9	20.7
1 22	9 50.88	+14 34.7	2.096	3.023	7.6	20.5
2 1	9 43.10	+15 25.6	2.041	3.012	3.8	20.2
2 11	9 34.25	+16 19.4	2.015	3.001	0.7	19.9
2 21	9 25.24	+17 10.7	2.020	2.990	4.4	20.2
3 2	9 17.03	+17 54.6	2.053	2.978	8.2	20.4
3 12	9 10.46	+18 28.1	2.113	2.966	11.7	20.6

210391 2007 VN_{164} 2 10.8 266.°66 1.°5/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.21	+ 8 53.9	1.759	2.520	17.0	21.0
1 12	9 58.04	+ 8 56.9	1.654	2.506	13.9	20.8
1 22	9 52.14	+ 9 15.7	1.570	2.492	10.0	20.5
2 1	9 43.91	+ 9 48.8	1.510	2.477	5.6	20.2
2 11	9 34.23	+10 32.0	1.477	2.463	1.5	19.9
2 21	9 24.27	+11 19.6	1.473	2.448	4.9	20.1
3 2	9 15.31	+12 5.3	1.495	2.433	9.7	20.3
3 12	9 8.46	+12 44.0	1.542	2.418	14.0	20.6

314657 2006 OW_{20} 2 10.8 196.°44 0.°3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.61	+13 45.9	1.972	2.733	15.4	21.1
1 12	10 0.28	+13 55.7	1.877	2.731	12.3	20.9
1 22	9 53.37	+14 16.1	1.803	2.729	8.6	20.6
2 1	9 44.39	+14 43.7	1.755	2.726	4.4	20.4
2 11	9 34.23	+15 13.8	1.736	2.723	0.3	20.1
2 21	9 23.99	+15 41.4	1.747	2.719	4.7	20.4
3 2	9 14.80	+16 2.5	1.786	2.715	9.0	20.6
3 12	9 7.63	+16 14.4	1.851	2.711	12.8	20.9

485739 2012 BA_{86} 2 10.8 124.°75 4.°9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.44	− 6 49.7	1.312	2.029	23.8	21.5
1 12	9 59.71	− 5 33.3	1.229	2.042	20.1	21.3
1 22	9 53.64	− 3 31.6	1.162	2.053	15.5	21.0
2 1	9 44.76	− 0 44.7	1.117	2.064	10.2	20.8
2 11	9 34.22	+ 2 38.4	1.099	2.075	5.5	20.5
2 21	9 23.57	+ 6 19.4	1.110	2.084	6.3	20.6
3 2	9 14.42	+ 9 56.6	1.150	2.094	11.2	20.9
3 12	9 8.05	+13 11.5	1.217	2.102	16.2	21.2

137181 1999 JA_{30} 2 10.8 240.°06 9.°4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.85	−20 45.4	2.898	3.448	14.8	20.4
1 12	9 53.49	−21 37.7	2.785	3.437	13.7	20.3
1 22	9 48.35	−22 9.8	2.689	3.426	12.3	20.2
2 1	9 41.76	−22 18.2	2.612	3.415	11.0	20.0
2 11	9 34.30	−22 0.7	2.558	3.403	9.9	19.9
2 21	9 26.64	−21 17.5	2.528	3.391	9.5	19.9
3 2	9 19.56	−20 11.3	2.523	3.379	9.8	19.9
3 12	9 13.72	−18 47.5	2.544	3.366	10.9	19.9

303989 2006 BD_{132} 2 10.8 264.°08 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.43	+14 13.5	1.667	2.442	17.2	21.5
1 12	10 0.84	+14 20.1	1.565	2.427	13.9	21.2
1 22	9 54.24	+14 38.7	1.483	2.413	9.8	20.9
2 1	9 45.04	+15 6.0	1.425	2.397	5.0	20.6
2 11	9 34.25	+15 36.4	1.395	2.382	0.5	20.2
2 21	9 23.17	+16 3.9	1.393	2.366	5.6	20.5
3 2	9 13.24	+16 23.6	1.418	2.350	10.6	20.8
3 12	9 5.68	+16 32.1	1.467	2.334	15.1	21.0

167685 2004 JQ 2 10.8 4.°49 12.°9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 52.85	−19 37.1	1.821	2.439	20.9	18.8
1 12	9 51.32	−20 59.1	1.736	2.439	19.3	18.6
1 22	9 47.37	−21 52.2	1.666	2.440	17.3	18.5
2 1	9 41.43	−22 10.0	1.613	2.442	15.4	18.3
2 11	9 34.32	−21 48.9	1.578	2.445	13.8	18.2
2 21	9 27.08	−20 49.3	1.565	2.449	13.0	18.2
3 2	9 20.80	−19 16.5	1.575	2.455	13.3	18.2
3 12	9 16.44	−17 20.2	1.606	2.461	14.6	18.3

462674 2009 UG_{23} 2 10.8 52.°61 4.°9/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.32	− 0 18.6	1.801	2.527	17.9	20.6
1 12	9 55.33	− 0 35.2	1.722	2.541	14.9	20.4
1 22	9 49.92	− 0 30.7	1.661	2.554	11.5	20.2
2 1	9 42.62	− 0 4.7	1.624	2.568	7.9	20.1
2 11	9 34.31	+ 0 40.5	1.613	2.582	5.2	19.9
2 21	9 26.03	+ 1 39.7	1.629	2.597	5.7	20.0
3 2	9 18.83	+ 2 46.2	1.673	2.611	8.8	20.2
3 12	9 13.57	+ 3 52.9	1.742	2.626	12.2	20.4

93055 2000 SY_{12} 2 10.8 77.°63 1.°3/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.18	+ 8 20.9	1.520	2.287	19.0	19.7
1 12	9 59.55	+ 8 40.3	1.453	2.308	15.2	19.5
1 22	9 53.02	+ 9 18.6	1.406	2.329	10.8	19.3
2 1	9 44.22	+10 12.2	1.382	2.350	5.8	19.0
2 11	9 34.28	+11 14.6	1.385	2.371	1.3	18.8
2 21	9 24.52	+12 18.0	1.416	2.392	5.0	19.1
3 2	9 16.22	+13 15.2	1.474	2.412	9.7	19.4
3 12	9 10.34	+14 1.3	1.556	2.432	13.8	19.7

65990 1998 KR_{14} 2 10.8 293.°06 0.°5/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.25	+11 44.6	1.913	2.679	15.6	19.7
1 12	9 57.10	+11 47.3	1.802	2.659	12.7	19.5
1 22	9 51.39	+12 2.3	1.713	2.639	9.0	19.2
2 1	9 43.52	+12 27.5	1.649	2.619	4.7	18.9
2 11	9 34.29	+12 58.6	1.612	2.599	0.5	18.5
2 21	9 24.78	+13 30.9	1.604	2.579	4.7	18.8
3 2	9 16.16	+13 59.3	1.624	2.559	9.2	19.0
3 12	9 9.47	+14 20.1	1.668	2.539	13.3	19.2

217432 2005 SF_{58} 2 10.8 102.°12 1.°7/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.71	+ 7 9.3	2.010	2.756	15.7	21.4
1 12	9 56.95	+ 7 21.4	1.928	2.770	12.7	21.2
1 22	9 50.90	+ 7 48.8	1.868	2.783	9.1	21.0
2 1	9 43.07	+ 8 29.4	1.832	2.796	5.1	20.8
2 11	9 34.30	+ 9 18.8	1.825	2.809	1.8	20.6
2 21	9 25.58	+10 11.8	1.847	2.822	4.2	20.8
3 2	9 17.87	+11 2.9	1.898	2.835	8.0	21.0
3 12	9 11.99	+11 47.5	1.975	2.847	11.5	21.3

153337 2001 OP_{63} 2 10.8 220.°45 2.°0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.13	+15 39.3	1.836	2.609	16.0	20.9
1 12	10 0.31	+16 29.5	1.737	2.600	12.7	20.6
1 22	9 53.69	+17 33.3	1.659	2.590	8.8	20.4
2 1	9 44.71	+18 45.3	1.608	2.580	4.5	20.1
2 11	9 34.27	+19 57.6	1.585	2.569	2.2	19.9
2 21	9 23.58	+21 2.3	1.591	2.557	6.0	20.1
3 2	9 13.94	+21 53.2	1.625	2.544	10.5	20.3
3 12	9 6.48	+22 26.9	1.684	2.531	14.5	20.6

19998 Binoche 2 10.8 127.°81 2.°9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.04	+19 47.3	2.325	3.098	13.0	19.1
1 12	9 57.02	+20 48.7	2.246	3.110	10.2	19.0
1 22	9 50.86	+21 57.0	2.192	3.122	7.0	18.8
2 1	9 43.03	+23 6.5	2.165	3.133	3.9	18.6
2 11	9 34.31	+24 10.9	2.167	3.144	3.1	18.6
2 21	9 25.61	+25 4.6	2.200	3.155	5.6	18.8
3 2	9 17.84	+25 43.9	2.262	3.165	8.8	19.0
3 12	9 11.77	+26 7.5	2.349	3.174	11.6	19.2

372430 2009 SE_{42} 2 10.8 141.°52 4.°2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.33	+25 10.3	2.326	3.102	12.9	21.7
1 12	9 59.66	+26 1.9	2.248	3.111	10.2	21.5
1 22	9 52.70	+26 56.2	2.194	3.120	7.3	21.3
2 1	9 43.96	+27 47.0	2.168	3.129	4.8	21.2
2 11	9 34.29	+28 28.0	2.171	3.137	4.4	21.2
2 21	9 24.69	+28 54.6	2.204	3.145	6.6	21.3
3 2	9 16.14	+29 4.8	2.264	3.152	9.4	21.5
3 12	9 9.43	+28 58.5	2.349	3.159	12.1	21.7

206489 2003 UO_{74} 2 10.8 228.°39 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.66	+14 26.3	1.800	2.570	16.4	20.8
1 12	10 0.64	+14 33.2	1.705	2.564	13.1	20.6
1 22	9 53.82	+14 50.9	1.630	2.558	9.2	20.3
2 1	9 44.72	+15 16.0	1.581	2.552	4.6	20.0
2 11	9 34.27	+15 43.1	1.560	2.546	0.5	19.7
2 21	9 23.70	+16 7.2	1.567	2.540	5.1	20.0
3 2	9 14.29	+16 23.8	1.602	2.533	9.7	20.3
3 12	9 7.07	+16 30.3	1.662	2.526	13.8	20.5

161102 2002 PU_{165} 2 10.8 125.°47 0.°0/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.02	+12 23.3	2.443	3.195	13.0	21.1
1 12	9 56.01	+12 42.8	2.356	3.205	10.3	21.0
1 22	9 50.04	+13 11.9	2.291	3.215	7.2	20.8
2 1	9 42.58	+13 47.8	2.254	3.224	3.6	20.6
2 11	9 34.32	+14 26.5	2.247	3.233	0.1	20.2
2 21	9 26.08	+15 3.8	2.270	3.242	3.8	20.6
3 2	9 18.68	+15 36.0	2.322	3.251	7.2	20.8
3 12	9 12.79	+16 0.5	2.401	3.259	10.3	21.0

420918 2013 NF_3 2 10.8 123.°22 0.°0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.67	+11 8.0	2.102	2.859	14.7	21.9
1 12	9 56.87	+11 39.6	2.018	2.870	11.7	21.7
1 22	9 50.83	+12 24.1	1.956	2.880	8.2	21.5
2 1	9 43.04	+13 18.2	1.920	2.890	4.2	21.3
2 11	9 34.31	+14 16.3	1.913	2.900	0.1	21.0
2 21	9 25.59	+15 12.8	1.936	2.909	4.2	21.3
3 2	9 17.84	+16 2.7	1.989	2.919	8.2	21.6
3 12	9 11.86	+16 42.3	2.067	2.927	11.6	21.8

182035 2000 CY_{38} 2 10.8 344.°56 4.°7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.94	+24 21.9	1.350	2.159	18.8	19.3
1 12	10 1.96	+24 32.7	1.268	2.150	15.1	19.0
1 22	9 55.32	+24 46.9	1.206	2.142	10.8	18.7
2 1	9 45.64	+24 56.7	1.166	2.135	6.4	18.5
2 11	9 34.25	+24 54.2	1.151	2.129	4.9	18.4
2 21	9 22.88	+24 33.7	1.162	2.124	8.4	18.5
3 2	9 13.27	+23 53.7	1.198	2.120	13.1	18.8
3 12	9 6.72	+22 56.6	1.255	2.117	17.4	19.0

424650 2008 QN_{11} 2 10.8 224.°62 2.°0/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.32	+19 5.4	2.446	3.210	12.7	21.6
1 12	9 58.82	+19 30.2	2.342	3.200	10.1	21.4
1 22	9 52.15	+20 1.0	2.262	3.190	7.0	21.2
2 1	9 43.73	+20 33.7	2.209	3.179	3.7	21.0
2 11	9 34.30	+21 3.5	2.186	3.168	2.1	20.8
2 21	9 24.77	+21 26.2	2.194	3.157	4.9	21.0
3 2	9 16.06	+21 38.8	2.231	3.145	8.3	21.2
3 12	9 8.99	+21 39.9	2.294	3.132	11.4	21.4

370547 2003 TZ_{18} 2 10.8 47.°98 5.°1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.53	+27 1.2	1.939	2.727	14.7	19.9
1 12	10 0.30	+27 41.6	1.865	2.734	11.7	19.8
1 22	9 53.38	+28 23.1	1.814	2.741	8.5	19.6
2 1	9 44.36	+28 58.8	1.789	2.749	5.7	19.4
2 11	9 34.29	+29 21.6	1.792	2.757	5.3	19.4
2 21	9 24.37	+29 27.3	1.823	2.765	7.7	19.6
3 2	9 15.78	+29 14.1	1.880	2.773	10.8	19.8
3 12	9 9.41	+28 43.6	1.961	2.781	13.8	20.0

95394 2002 CX_{184} 2 10.8 117.°79 1.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.66	+13 37.4	2.044	2.813	14.7	20.3
1 12	9 56.22	+14 22.3	1.960	2.820	11.6	20.1
1 22	9 50.47	+15 19.5	1.897	2.827	8.0	19.9
2 1	9 42.90	+16 24.5	1.861	2.833	4.0	19.7
2 11	9 34.33	+17 31.0	1.854	2.840	1.1	19.5
2 21	9 25.73	+18 32.7	1.877	2.846	4.8	19.7
3 2	9 18.12	+19 24.3	1.928	2.852	8.7	20.0
3 12	9 12.32	+20 2.7	2.004	2.858	12.2	20.2

354097 2001 XY_{231} 2 10.8 64.°48 3.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.53	+ 5 30.0	1.429	2.190	20.3	21.0
1 12	10 0.12	+ 5 2.2	1.356	2.203	16.6	20.8
1 22	9 53.61	+ 4 53.7	1.300	2.215	12.3	20.5
2 1	9 44.61	+ 5 4.5	1.267	2.227	7.6	20.3
2 11	9 34.30	+ 5 31.3	1.260	2.240	3.9	20.1
2 21	9 24.07	+ 6 8.7	1.279	2.253	5.8	20.3
3 2	9 15.33	+ 6 49.9	1.324	2.266	10.3	20.5
3 12	9 9.16	+ 7 28.3	1.393	2.279	14.5	20.8

43392 2000 WF_{86} 2 10.8 65.°57 1.°4/ 9.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.56	+15 16.1	1.481	2.270	18.4	19.1
1 12	10 0.08	+15 44.2	1.413	2.284	14.6	18.9
1 22	9 53.52	+16 25.4	1.365	2.299	10.0	18.6
2 1	9 44.53	+17 14.0	1.341	2.314	5.0	18.4
2 11	9 34.30	+18 2.2	1.343	2.329	1.6	18.2
2 21	9 24.24	+18 42.8	1.373	2.344	6.0	18.5
3 2	9 15.73	+19 10.8	1.429	2.359	10.7	18.8
3 12	9 9.77	+19 23.8	1.508	2.374	14.8	19.1

468429 2001 RQ_{112} 2 10.8 73.°57 4.°7/ 7.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 7.62	+28 26.1	2.263	3.037	13.3	21.0
1 12	10 2.11	+28 56.6	2.200	3.060	10.6	20.8
1 22	9 54.24	+29 25.9	2.161	3.082	7.7	20.7
2 1	9 44.65	+29 48.1	2.149	3.105	5.3	20.6
2 11	9 34.31	+29 57.7	2.166	3.128	4.9	20.6
2 21	9 24.26	+29 52.0	2.212	3.150	6.8	20.7
3 2	9 15.50	+29 30.4	2.287	3.172	9.5	20.9
3 12	9 8.76	+28 54.6	2.386	3.194	12.0	21.1

310376 3318 $T\text{-}_3$ 2 10.8 128.°37 1.°8/ 9.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 5.42	+16 35.8	1.966	2.734	15.2	21.9
1 12	10 0.78	+17 15.5	1.889	2.749	12.0	21.7
1 22	9 53.61	+18 4.8	1.835	2.764	8.2	21.5
2 1	9 44.47	+18 58.4	1.807	2.778	4.2	21.3
2 11	9 34.31	+19 49.7	1.808	2.792	1.9	21.1
2 21	9 24.24	+20 32.8	1.839	2.805	5.4	21.4
3 2	9 15.36	+21 3.7	1.899	2.817	9.2	21.7
3 12	9 8.54	+21 20.6	1.983	2.828	12.7	21.9

376465 2012 JC_{13} 2 10.8 214.°16 3.°4/ 7.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 1.71	+21 31.9	2.160	2.940	13.7	21.6
1 12	9 57.90	+22 23.5	2.069	2.936	10.8	21.4
1 22	9 51.69	+23 21.5	2.001	2.932	7.6	21.2
2 1	9 43.56	+24 20.2	1.960	2.928	4.4	21.0
2 11	9 34.33	+25 12.8	1.948	2.923	3.6	20.9
2 21	9 25.01	+25 53.5	1.965	2.918	6.3	21.1
3 2	9 16.67	+26 18.7	2.010	2.913	9.7	21.3
3 12	9 10.19	+26 27.2	2.079	2.908	12.8	21.5

429846 2012 QK_{41} 2 10.8 239.°74 0.°1/10.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.79	+14 0.6	2.345	3.097	13.5	20.9
1 12	9 59.22	+13 53.4	2.239	3.088	10.8	20.7
1 22	9 52.44	+13 53.7	2.156	3.079	7.6	20.5
2 1	9 43.89	+13 59.2	2.100	3.070	3.9	20.2
2 11	9 34.33	+14 6.7	2.074	3.061	0.1	19.9
2 21	9 24.67	+14 13.1	2.078	3.051	4.0	20.2
3 2	9 15.85	+14 15.6	2.112	3.041	7.8	20.4
3 12	9 8.71	+14 12.4	2.173	3.031	11.2	20.6

278900 2008 TK_{114} 2 10.8 98.°65 1.°4/12.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 57.99	+ 7 29.8	2.159	2.906	14.7	21.0
1 12	9 54.75	+ 7 47.0	2.066	2.909	11.9	20.8
1 22	9 49.39	+ 8 18.8	1.996	2.913	8.5	20.6
2 1	9 42.35	+ 9 3.2	1.951	2.916	4.8	20.4
2 11	9 34.37	+ 9 56.0	1.934	2.919	1.5	20.2
2 21	9 26.34	+10 52.2	1.947	2.922	4.0	20.3
3 2	9 19.17	+11 46.5	1.989	2.925	7.7	20.6
3 12	9 13.64	+12 34.3	2.057	2.929	11.2	20.8

426317 2012 TJ_{271} 2 10.8 195.°41 1.°3/ 9.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.17	+16 46.1	2.795	3.555	11.4	21.7
1 12	9 55.21	+17 20.7	2.697	3.553	9.0	21.5
1 22	9 49.46	+18 2.4	2.622	3.550	6.2	21.3
2 1	9 42.31	+18 47.4	2.576	3.547	3.1	21.1
2 11	9 34.37	+19 31.7	2.560	3.543	1.4	21.0
2 21	9 26.37	+20 11.2	2.574	3.540	4.1	21.2
3 2	9 19.04	+20 42.5	2.619	3.535	7.1	21.4
3 12	9 13.06	+21 3.9	2.690	3.531	9.9	21.5

42669 1998 HH_{33} 2 10.8 27.°81 2.°7/ 9.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 2.85	+18 35.9	1.243	2.053	20.1	18.4
1 12	10 0.17	+18 54.1	1.178	2.062	15.9	18.2
1 22	9 53.94	+19 22.9	1.132	2.072	11.0	17.9
2 1	9 44.86	+19 55.5	1.109	2.082	5.7	17.7
2 11	9 34.32	+20 23.6	1.110	2.094	2.8	17.5
2 21	9 24.01	+20 40.2	1.136	2.106	7.2	17.8
3 2	9 15.53	+20 41.2	1.187	2.119	12.2	18.1
3 12	9 10.04	+20 26.1	1.260	2.133	16.6	18.4

176840 2002 TA_{210} 2 10.8 50.°54 3.°5/ 8.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 1.39	+18 10.5	1.437	2.238	18.3	20.0
1 12	9 58.45	+19 16.1	1.379	2.258	14.3	19.8
1 22	9 52.42	+20 33.4	1.341	2.279	9.8	19.6
2 1	9 43.97	+21 54.0	1.328	2.300	5.3	19.4
2 11	9 34.34	+23 7.5	1.342	2.322	3.7	19.3
2 21	9 24.94	+24 5.6	1.382	2.344	7.3	19.6
3 2	9 17.14	+24 43.1	1.448	2.366	11.6	19.9
3 12	9 11.92	+24 59.3	1.536	2.388	15.3	20.2

419873 2011 AK_{32} 2 10.8 35.°38 1.°8/ 9.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 1.47	+16 18.0	1.329	2.131	19.4	21.2
1 12	9 58.59	+16 44.0	1.275	2.154	15.3	21.0
1 22	9 52.51	+17 22.4	1.240	2.177	10.4	20.8
2 1	9 43.99	+18 6.7	1.228	2.202	5.2	20.6
2 11	9 34.34	+18 48.8	1.242	2.227	2.0	20.4
2 21	9 25.05	+19 21.6	1.282	2.253	6.3	20.8
3 2	9 17.47	+19 40.7	1.348	2.280	11.0	21.1
3 12	9 12.57	+19 44.5	1.436	2.307	15.1	21.4

419142 2009 SU_{282} 2 10.8 125.°00 3.°6/ 7.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.21	+22 19.2	2.086	2.866	14.1	21.6
1 12	9 59.04	+23 8.8	2.008	2.875	11.1	21.4
1 22	9 52.42	+24 3.7	1.953	2.883	7.8	21.2
2 1	9 43.89	+24 57.6	1.925	2.891	4.6	21.0
2 11	9 34.35	+25 43.8	1.925	2.899	3.8	21.0
2 21	9 24.86	+26 17.0	1.955	2.907	6.4	21.2
3 2	9 16.49	+26 34.0	2.012	2.914	9.7	21.4
3 12	9 10.08	+26 34.6	2.094	2.921	12.8	21.6

211018 2001 YD_{99} 2 10.8 100.°74 0.°7/10.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 58.85	+14 35.1	2.569	3.328	12.3	21.1
1 12	9 54.99	+15 4.0	2.487	3.341	9.7	20.9
1 22	9 49.29	+15 41.0	2.428	3.355	6.6	20.8
2 1	9 42.19	+16 22.8	2.397	3.368	3.3	20.6
2 11	9 34.38	+17 5.1	2.395	3.381	0.8	20.4
2 21	9 26.61	+17 43.9	2.425	3.394	3.9	20.6
3 2	9 19.64	+18 15.7	2.483	3.407	7.1	20.9
3 12	9 14.11	+18 38.4	2.568	3.419	9.9	21.1

298790 2004 PC_{99} 2 10.8 149.°65 3.°7/ 8.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 7.05	+21 26.0	1.936	2.712	15.2	21.8
1 12	10 2.28	+22 23.4	1.858	2.722	12.0	21.6
1 22	9 54.79	+23 27.7	1.803	2.732	8.4	21.4
2 1	9 45.14	+24 31.8	1.774	2.741	4.9	21.2
2 11	9 34.33	+25 27.8	1.774	2.749	4.0	21.2
2 21	9 23.56	+26 9.4	1.804	2.756	6.8	21.4
3 2	9 14.06	+26 33.0	1.862	2.763	10.4	21.6
3 12	9 6.77	+26 38.3	1.943	2.769	13.7	21.8

451412 2011 QS_{28} 2 10.8 247.°72 0.°6/10.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 5.40	+14 12.3	1.630	2.405	17.6	21.3
1 12	10 1.69	+14 22.4	1.531	2.393	14.2	21.0
1 22	9 54.87	+14 45.1	1.451	2.381	10.0	20.7
2 1	9 45.41	+15 16.9	1.396	2.368	5.1	20.4
2 11	9 34.32	+15 51.7	1.369	2.355	0.6	20.1
2 21	9 22.96	+16 23.2	1.369	2.342	5.7	20.4
3 2	9 12.80	+16 46.0	1.397	2.328	10.8	20.6
3 12	9 5.10	+16 56.9	1.448	2.314	15.3	20.9

491201 2011 UH_{117} 2 10.8 158.°03 2.°6/ 8.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 6.13	+18 34.8	1.937	2.708	15.3	22.2
1 12	10 1.53	+19 17.7	1.853	2.716	12.1	22.0
1 22	9 54.26	+20 9.3	1.792	2.722	8.3	21.8
2 1	9 44.88	+21 3.7	1.758	2.728	4.4	21.6
2 11	9 34.34	+21 53.9	1.752	2.733	2.7	21.5
2 21	9 23.80	+22 33.8	1.776	2.738	6.0	21.7
3 2	9 14.47	+22 59.4	1.828	2.742	9.9	21.9
3 12	9 7.27	+23 9.4	1.905	2.745	13.3	22.2

336659 2009 XP_{21} 2 10.8 16.°48 2.°8/ 8.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 58.76	+18 36.3	1.935	2.722	14.8	20.3
1 12	9 55.77	+19 31.5	1.851	2.723	11.6	20.1
1 22	9 50.32	+20 36.5	1.790	2.724	8.0	19.9
2 1	9 42.90	+21 45.0	1.754	2.726	4.3	19.7
2 11	9 34.38	+22 49.8	1.747	2.727	3.1	19.6
2 21	9 25.81	+23 44.2	1.769	2.729	6.2	19.8
3 2	9 18.28	+24 23.3	1.818	2.731	9.9	20.0
3 12	9 12.71	+24 45.3	1.890	2.734	13.3	20.2

88873 2001 SY_{260} 2 10.8 129.°90 2.°2/ 9.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.18	+18 9.5	2.109	2.880	14.2	20.0
1 12	9 58.90	+18 50.3	2.028	2.891	11.2	19.8
1 22	9 52.27	+19 39.0	1.971	2.901	7.7	19.6
2 1	9 43.80	+20 30.5	1.941	2.912	4.0	19.4
2 11	9 34.36	+21 18.7	1.940	2.921	2.3	19.3
2 21	9 24.97	+21 58.0	1.968	2.931	5.4	19.5
3 2	9 16.65	+22 25.0	2.025	2.940	9.0	19.8
3 12	9 10.21	+22 38.1	2.107	2.948	12.2	20.0

338847 2003 XZ_{21} 2 10.8 186.°14 0.°9/10.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 6.76	+13 5.8	2.036	2.789	15.3	21.4
1 12	10 1.98	+13 50.2	1.939	2.789	12.2	21.2
1 22	9 54.60	+14 48.0	1.864	2.789	8.5	21.0
2 1	9 45.10	+15 54.7	1.816	2.787	4.2	20.7
2 11	9 34.34	+17 3.8	1.798	2.784	1.0	20.4
2 21	9 23.44	+18 8.4	1.811	2.780	5.0	20.7
3 2	9 13.54	+19 2.7	1.853	2.774	9.2	21.0
3 12	9 5.65	+19 43.3	1.921	2.768	13.0	21.2

19473 Marygardner 2 10.8 44.°65 5.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.90	+ 2 9.2	1.500	2.249	20.0	18.3
1 12	9 57.98	+ 1 34.6	1.420	2.256	16.7	18.1
1 22	9 52.13	+ 1 21.1	1.359	2.263	12.7	17.9
2 1	9 43.91	+ 1 30.0	1.319	2.270	8.5	17.7
2 11	9 34.37	+ 1 59.2	1.305	2.278	5.3	17.5
2 21	9 24.81	+ 2 43.8	1.316	2.287	6.3	17.6
3 2	9 16.57	+ 3 36.8	1.354	2.295	10.1	17.8
3 12	9 10.71	+ 4 30.4	1.415	2.304	14.2	18.1

247806 2003 SV_{105} 2 10.8 175.°16 3.°1/13.2 18

1 2	10 3.71	+ 3 45.5	2.211	2.928	15.2	20.8
1 12	9 59.21	+ 3 36.9	2.113	2.932	12.5	20.6
1 22	9 52.47	+ 3 43.4	2.035	2.934	9.4	20.4
2 1	9 43.93	+ 4 4.6	1.983	2.936	5.9	20.2
2 11	9 34.37	+ 4 38.1	1.960	2.937	3.3	20.0
2 21	9 24.72	+ 5 19.9	1.967	2.937	4.5	20.1
3 2	9 15.96	+ 6 5.4	2.003	2.937	7.9	20.3
3 12	9 8.91	+ 6 49.6	2.066	2.936	11.2	20.5

321682 2010 EV_{43} 2 10.8 30.°21 2.°4/12.3 18

1 2	9 59.21	+ 6 26.2	1.283	2.065	21.1	20.9
1 12	9 57.18	+ 6 31.0	1.207	2.069	17.2	20.7
1 22	9 51.88	+ 6 59.4	1.150	2.075	12.5	20.4
2 1	9 43.89	+ 7 49.5	1.114	2.080	7.2	20.2
2 11	9 34.38	+ 8 55.4	1.102	2.086	2.6	19.9
2 21	9 24.83	+10 8.2	1.116	2.093	5.7	20.1
3 2	9 16.80	+11 18.2	1.155	2.100	11.0	20.4
3 12	9 11.47	+12 17.7	1.216	2.108	15.8	20.7

159176 2005 SY_{213} 2 10.8 214.°64 16.°4/22.7 18

1 2	10 0.62	−20 30.5	1.396	2.027	25.9	20.2
1 12	9 58.53	−22 12.8	1.312	2.024	24.0	20.0
1 22	9 53.08	−23 21.0	1.239	2.021	21.8	19.8
2 1	9 44.68	−23 44.4	1.181	2.017	19.4	19.7
2 11	9 34.36	−23 15.0	1.140	2.013	17.4	19.5
2 21	9 23.62	−21 51.2	1.118	2.009	16.4	19.4
3 2	9 14.17	−19 39.6	1.117	2.005	16.9	19.4
3 12	9 7.46	−16 55.2	1.136	2.000	18.8	19.5

503054 2015 FH_{166} 2 10.8 332.°58 6.°8/17.6 18

1 2	9 54.19	− 8 40.3	2.222	2.892	16.3	20.9
1 12	9 51.82	− 8 54.1	2.118	2.886	14.3	20.7
1 22	9 47.42	− 8 45.2	2.032	2.881	11.8	20.6
2 1	9 41.40	− 8 11.3	1.968	2.875	9.3	20.4
2 11	9 34.43	− 7 12.9	1.930	2.870	7.3	20.2
2 21	9 27.31	− 5 53.5	1.918	2.865	6.9	20.2
3 2	9 20.93	− 4 19.1	1.934	2.861	8.6	20.3
3 12	9 16.06	− 2 37.7	1.977	2.857	11.2	20.5

499151 2009 RC_{55} 2 10.8 355.°78 9.°1/ 4.1 18

1 2	10 8.54	+37 13.8	1.862	2.647	15.3	20.6
1 12	10 4.11	+38 26.7	1.793	2.647	12.9	20.4
1 22	9 56.39	+39 34.0	1.745	2.646	10.6	20.3
2 1	9 46.05	+40 25.4	1.723	2.646	9.2	20.2
2 11	9 34.34	+40 51.7	1.726	2.646	9.6	20.2
2 21	9 22.79	+40 48.2	1.755	2.646	11.4	20.3
3 2	9 12.89	+40 14.9	1.807	2.646	13.9	20.5
3 12	9 5.73	+39 16.2	1.880	2.646	16.3	20.7

52127 4681 *P–L* 2 10.8 313.°10 3.°2/ 8.4 18

1 2	10 2.72	+22 39.1	2.160	2.939	13.7	19.2
1 12	9 58.64	+23 4.7	2.070	2.936	10.8	19.0
1 22	9 52.16	+23 34.2	2.002	2.933	7.6	18.8
2 1	9 43.79	+24 2.4	1.962	2.930	4.4	18.6
2 11	9 34.39	+24 23.9	1.950	2.927	3.4	18.5
2 21	9 24.99	+24 34.3	1.967	2.924	6.0	18.7
3 2	9 16.62	+24 31.3	2.013	2.921	9.4	18.9
3 12	9 10.15	+24 14.5	2.082	2.919	12.5	19.1

92571 2000 OF_{58} 2 10.8 120.°71 1.°1/10.0 18

1 2	10 3.69	+13 27.6	1.740	2.511	16.8	20.0
1 12	9 59.79	+14 10.8	1.662	2.524	13.3	19.8
1 22	9 53.16	+15 8.1	1.607	2.536	9.2	19.6
2 1	9 44.35	+16 14.2	1.576	2.548	4.6	19.3
2 11	9 34.39	+17 21.7	1.574	2.560	1.2	19.1
2 21	9 24.47	+18 23.2	1.601	2.571	5.4	19.4
3 2	9 15.82	+19 12.7	1.656	2.582	9.8	19.7
3 12	9 9.39	+19 47.1	1.735	2.592	13.6	19.9

113518 2002 TC_{14} 2 10.8 136.°84 1.°5/ 9.6 18

1 2	10 3.01	+15 39.7	2.024	2.792	14.8	20.6
1 12	9 58.89	+16 19.7	1.941	2.802	11.7	20.4
1 22	9 52.34	+17 10.2	1.882	2.811	8.1	20.2
2 1	9 43.88	+18 6.0	1.848	2.820	4.0	20.0
2 11	9 34.40	+19 1.1	1.844	2.829	1.6	19.8
2 21	9 24.94	+19 49.5	1.870	2.837	5.1	20.0
3 2	9 16.55	+20 26.6	1.924	2.844	9.0	20.3
3 12	9 10.10	+20 50.3	2.003	2.852	12.4	20.5

155764 2000 SS_{178} 2 10.8 96.°32 6.°0/ 6.4 18

	h m	° ′			°	m
1 2	10 8.69	+30 28.3	2.066	2.845	14.2	20.3
1 12	10 3.38	+31 20.9	2.004	2.863	11.4	20.1
1 22	9 55.38	+32 11.7	1.964	2.882	8.6	20.0
2 1	9 45.35	+32 53.0	1.951	2.900	6.4	19.9
2 11	9 34.38	+33 17.9	1.967	2.918	6.3	19.9
2 21	9 23.67	+33 22.4	2.010	2.935	8.3	20.0
3 2	9 14.40	+33 6.1	2.081	2.952	10.9	20.2
3 12	9 7.39	+32 31.3	2.175	2.969	13.5	20.4

90582 2004 HU_{28} 2 10.8 208.°70 5.°7/ 4.4 18

1 2	10 0.64	+31 45.5	2.709	3.488	11.2	19.9
1 12	9 56.73	+32 59.4	2.627	3.485	9.1	19.7
1 22	9 50.72	+34 12.8	2.570	3.482	7.1	19.6
2 1	9 43.04	+35 19.2	2.540	3.479	5.8	19.5
2 11	9 34.42	+36 12.3	2.540	3.475	6.1	19.5
2 21	9 25.75	+36 47.9	2.568	3.471	7.7	19.6
3 2	9 17.91	+37 3.8	2.622	3.467	9.8	19.7
3 12	9 11.68	+37 0.7	2.700	3.463	11.9	19.9

400576 2008 YK_{37} 2 10.8 104.°27 0.°7/10.3 18

1 2	10 5.25	+12 55.8	1.744	2.511	16.9	22.3
1 12	10 0.88	+13 33.9	1.674	2.532	13.4	22.1
1 22	9 53.80	+14 25.6	1.625	2.553	9.2	21.9
2 1	9 44.63	+15 25.9	1.602	2.574	4.6	21.7
2 11	9 34.40	+16 27.7	1.607	2.594	0.8	21.4
2 21	9 24.32	+17 23.9	1.642	2.613	5.1	21.8
3 2	9 15.59	+18 9.3	1.704	2.632	9.5	22.1
3 12	9 9.09	+18 40.9	1.792	2.650	13.2	22.4

5229 Irurita 2 10.8 95.°75 0.°4/11.2 18 R

1 2	10 0.64	+11 49.4	2.448	3.197	13.1	17.8
1 12	9 56.45	+11 56.6	2.365	3.212	10.4	17.7
1 22	9 50.33	+12 13.1	2.306	3.227	7.3	17.5
2 1	9 42.75	+12 36.4	2.273	3.242	3.8	17.3
2 11	9 34.44	+13 3.1	2.270	3.256	0.4	17.0
2 21	9 26.19	+13 29.6	2.297	3.271	3.6	17.3
3 2	9 18.80	+13 52.5	2.354	3.285	7.0	17.6
3 12	9 12.94	+14 9.5	2.437	3.299	10.0	17.8

61646 2000 QC_{110} 2 10.8 207.°41 1.°2/11.6 18

1 2	10 2.46	+ 8 59.8	1.768	2.527	17.0	20.6
1 12	9 58.94	+ 9 13.1	1.673	2.524	13.8	20.3
1 22	9 52.70	+ 9 42.7	1.599	2.520	9.9	20.1
2 1	9 44.22	+10 26.4	1.548	2.516	5.4	19.8
2 11	9 34.41	+11 19.1	1.526	2.512	1.2	19.5
2 21	9 24.45	+12 14.6	1.532	2.507	4.8	19.7
3 2	9 15.57	+13 6.3	1.566	2.502	9.4	20.0
3 12	9 8.82	+13 49.3	1.625	2.497	13.6	20.2

140510 2001 TT_{165} 2 10.8 4.°04 7.°1/17.2 18

1 2	9 56.63	− 7 55.3	2.297	2.964	15.9	19.5
1 12	9 53.62	− 8 38.5	2.200	2.964	13.9	19.4
1 22	9 48.61	− 9 2.3	2.121	2.964	11.6	19.2
2 1	9 42.01	− 9 4.3	2.064	2.965	9.2	19.0
2 11	9 34.48	− 8 43.8	2.032	2.965	7.5	18.9
2 21	9 26.84	− 8 3.1	2.028	2.966	7.3	18.9
3 2	9 19.95	− 7 6.5	2.050	2.967	8.7	19.0
3 12	9 14.57	− 6 0.2	2.098	2.968	11.0	19.2

62574 2000 SF_{277} 2 10.8 73.°85 6.°9/16.9 18

1 2	9 58.94	− 6 50.1	1.966	2.648	17.8	19.3
1 12	9 55.63	− 7 17.1	1.887	2.666	15.4	19.2
1 22	9 50.06	− 7 20.8	1.826	2.684	12.5	19.0
2 1	9 42.73	− 6 59.3	1.787	2.702	9.6	18.8
2 11	9 34.47	− 6 13.7	1.774	2.720	7.3	18.8
2 21	9 26.24	− 5 8.2	1.787	2.737	7.1	18.8
3 2	9 19.02	− 3 49.3	1.828	2.755	9.0	18.9
3 12	9 13.61	− 2 25.1	1.895	2.773	11.7	19.1

491901 2013 CU_{16} 2 10.8 150.°05 0.°3/11.0 18

1 2	10 6.25	+12 15.7	1.845	2.603	16.4	21.6
1 12	10 1.67	+12 20.7	1.759	2.611	13.2	21.4
1 22	9 54.41	+12 37.7	1.694	2.618	9.2	21.1
2 1	9 45.01	+13 3.5	1.654	2.624	4.8	20.9
2 11	9 34.44	+13 33.5	1.643	2.630	0.3	20.6
2 21	9 23.88	+14 2.6	1.662	2.635	4.7	20.9
3 2	9 14.52	+14 26.3	1.708	2.640	9.1	21.2
3 12	9 7.33	+14 41.6	1.780	2.644	13.0	21.4

440623 2005 WH_{27} 2 10.8 113.°45 1.°5/ 9.8 16

1 2	10 8.69	+15 21.6	1.807	2.570	16.5	22.8
1 12	10 3.48	+16 0.9	1.739	2.596	13.0	22.6
1 22	9 55.54	+16 51.3	1.692	2.620	8.9	22.4
2 1	9 45.50	+17 46.9	1.671	2.643	4.5	22.2
2 11	9 34.43	+18 40.8	1.680	2.665	1.6	22.1
2 21	9 23.58	+19 26.5	1.719	2.687	5.4	22.4
3 2	9 14.12	+19 59.7	1.786	2.707	9.6	22.7
3 12	9 6.96	+20 18.7	1.878	2.727	13.1	22.9

104160 2000 EF_{74} 2 10.8 41.°63 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.64	+ 7 9.5	2.106	2.857	14.9	18.7
1 12	9 53.78	+ 7 38.0	2.015	2.860	12.0	18.5
1 22	9 48.79	+ 8 22.5	1.946	2.864	8.6	18.3
2 1	9 42.11	+ 9 20.5	1.902	2.868	4.8	18.1
2 11	9 34.49	+10 27.4	1.887	2.872	1.3	17.9
2 21	9 26.82	+11 37.3	1.901	2.877	4.0	18.1
3 2	9 20.01	+12 44.0	1.944	2.881	7.8	18.3
3 12	9 14.84	+13 42.6	2.013	2.886	11.3	18.5

467350 2003 JD_4 2 10.8 307.°13 8.°5/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.31	− 7 8.7	1.801	2.496	18.9	21.6
1 12	9 54.20	− 7 59.4	1.691	2.476	16.6	21.4
1 22	9 49.56	− 8 27.4	1.597	2.456	13.9	21.2
2 1	9 42.73	− 8 28.4	1.524	2.436	11.1	20.9
2 11	9 34.48	− 8 0.2	1.475	2.417	8.9	20.8
2 21	9 25.85	− 7 4.5	1.451	2.398	8.8	20.7
3 2	9 18.04	− 5 47.0	1.453	2.380	10.8	20.8
3 12	9 12.14	− 4 16.6	1.478	2.361	14.0	20.9

223722 2004 RY_{110} 2 10.8 202.°35 2.°0/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.85	+ 6 29.4	2.183	2.922	14.8	20.8
1 12	9 56.27	+ 6 34.0	2.084	2.920	12.1	20.6
1 22	9 50.51	+ 6 53.0	2.006	2.918	8.8	20.4
2 1	9 43.00	+ 7 25.1	1.953	2.915	5.1	20.2
2 11	9 34.49	+ 8 7.1	1.929	2.912	2.1	20.0
2 21	9 25.86	+ 8 54.4	1.935	2.909	4.1	20.1
3 2	9 18.08	+ 9 42.1	1.969	2.906	7.8	20.3
3 12	9 11.95	+10 25.6	2.030	2.902	11.3	20.5

142938 2002 VN_{68} 2 10.8 12.°55 2.°7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.65	+20 18.3	1.382	2.184	18.8	19.2
1 12	10 1.38	+20 18.5	1.308	2.186	15.0	18.9
1 22	9 54.71	+20 25.3	1.253	2.190	10.4	18.7
2 1	9 45.30	+20 33.0	1.221	2.194	5.5	18.4
2 11	9 34.45	+20 34.8	1.216	2.199	2.8	18.2
2 21	9 23.75	+20 25.9	1.236	2.205	6.8	18.5
3 2	9 14.76	+20 3.9	1.282	2.212	11.7	18.8
3 12	9 8.60	+19 29.2	1.350	2.220	16.0	19.1

133942 2004 TR_{54} 2 10.8 339.°83 20.°8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 48.77	−27 9.2	1.319	1.933	27.9	18.5
1 12	9 49.39	−29 24.3	1.237	1.916	26.7	18.3
1 22	9 46.92	−31 3.3	1.164	1.901	25.3	18.1
2 1	9 41.65	−31 53.4	1.101	1.887	23.8	17.9
2 11	9 34.51	−31 44.0	1.051	1.875	22.3	17.7
2 21	9 26.88	−30 29.1	1.015	1.865	21.2	17.6
3 2	9 20.45	−28 10.4	0.995	1.856	20.8	17.6
3 12	9 16.73	−25 0.2	0.992	1.849	21.4	17.6

313089 2000 UP_{56} 2 10.8 87.°67 0.°7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.28	+13 43.3	1.622	2.394	17.8	21.1
1 12	10 1.87	+14 5.7	1.555	2.416	14.1	20.9
1 22	9 54.57	+14 41.0	1.509	2.439	9.7	20.7
2 1	9 45.06	+15 24.2	1.489	2.461	4.8	20.4
2 11	9 34.47	+16 8.7	1.496	2.482	0.7	20.2
2 21	9 24.10	+16 48.1	1.531	2.503	5.3	20.6
3 2	9 15.23	+17 17.6	1.594	2.524	9.8	20.9
3 12	9 8.76	+17 34.8	1.681	2.545	13.7	21.1

365808 2011 QK_{67} 2 10.8 167.°32 1.°2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.88	+ 8 16.4	1.888	2.636	16.5	22.5
1 12	9 59.80	+ 8 34.5	1.797	2.641	13.3	22.3
1 22	9 53.14	+ 9 8.7	1.727	2.645	9.5	22.0
2 1	9 44.40	+ 9 56.6	1.682	2.649	5.2	21.8
2 11	9 34.48	+10 53.1	1.666	2.651	1.3	21.5
2 21	9 24.48	+11 52.1	1.679	2.653	4.5	21.7
3 2	9 15.55	+12 47.5	1.720	2.655	8.9	22.0
3 12	9 8.64	+13 34.3	1.788	2.655	12.8	22.2

358058 2006 HZ_{35} 2 10.8 279.°34 3.°0/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.20	+ 5 17.9	1.641	2.396	18.3	21.7
1 12	9 57.58	+ 5 12.5	1.532	2.377	15.2	21.4
1 22	9 52.09	+ 5 26.5	1.443	2.358	11.3	21.2
2 1	9 44.10	+ 6 0.1	1.377	2.338	6.9	20.9
2 11	9 34.48	+ 6 50.2	1.337	2.319	3.2	20.6
2 21	9 24.45	+ 7 51.1	1.324	2.299	5.4	20.7
3 2	9 15.39	+ 8 55.2	1.338	2.279	10.2	20.9
3 12	9 8.52	+ 9 55.1	1.376	2.259	14.8	21.1

105409 2000 QX_{153} 2 10.8 98.°06 1.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.24	+ 7 26.0	1.711	2.463	17.8	20.7
1 12	10 0.11	+ 7 45.6	1.640	2.485	14.3	20.5
1 22	9 53.29	+ 8 23.0	1.589	2.507	10.2	20.3
2 1	9 44.41	+ 9 15.2	1.562	2.528	5.6	20.0
2 11	9 34.48	+10 16.3	1.564	2.549	1.6	19.8
2 21	9 24.70	+11 19.5	1.594	2.569	4.6	20.1
3 2	9 16.22	+12 18.1	1.652	2.589	9.0	20.4
3 12	9 9.94	+13 7.3	1.736	2.608	12.9	20.6

17524 1993 FS_4 2 10.8 266.°17 0.°5/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.98	+13 27.0	2.471	3.230	12.7	19.6
1 12	9 54.62	+13 53.1	2.364	3.219	10.1	19.4
1 22	9 49.28	+14 29.1	2.281	3.207	7.0	19.1
2 1	9 42.37	+15 12.1	2.224	3.196	3.5	18.9
2 11	9 34.52	+15 57.7	2.198	3.184	0.5	18.6
2 21	9 26.53	+16 41.4	2.201	3.172	4.0	18.9
3 2	9 19.25	+17 19.2	2.233	3.160	7.6	19.1
3 12	9 13.42	+17 48.0	2.292	3.148	10.8	19.3

451431 2011 SA_3 2 10.8 32.°73 0.°8/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.56	+14 44.9	1.385	2.178	19.3	21.6
1 12	10 0.49	+14 53.2	1.309	2.181	15.4	21.3
1 22	9 54.11	+15 14.9	1.251	2.186	10.7	21.1
2 1	9 45.03	+15 45.4	1.217	2.190	5.4	20.8
2 11	9 34.48	+16 18.0	1.209	2.195	0.9	20.5
2 21	9 23.96	+16 45.8	1.227	2.200	6.0	20.8
3 2	9 15.01	+17 3.6	1.270	2.206	11.2	21.1
3 12	9 8.80	+17 8.6	1.336	2.212	15.7	21.4

195546 2002 JE_{62} 2 10.8 279.°96 3.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.77	+ 2 6.9	2.116	2.842	15.5	20.3
1 12	9 54.87	+ 2 3.5	2.000	2.823	13.0	20.1
1 22	9 49.73	+ 2 17.8	1.905	2.805	9.9	19.9
2 1	9 42.72	+ 2 50.0	1.834	2.786	6.5	19.6
2 11	9 34.52	+ 3 38.2	1.791	2.766	3.8	19.4
2 21	9 26.04	+ 4 38.0	1.776	2.747	4.8	19.5
3 2	9 18.29	+ 5 43.8	1.789	2.728	8.3	19.6
3 12	9 12.16	+ 6 49.1	1.829	2.708	11.9	19.8

454129 2013 CZ_{165} 2 10.8 20.°21 0.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.55	+ 8 56.0	1.259	2.056	20.6	20.8
1 12	9 55.19	+ 9 40.0	1.186	2.060	16.6	20.5
1 22	9 50.59	+10 48.8	1.131	2.065	11.7	20.3
2 1	9 43.31	+12 17.4	1.098	2.070	6.0	20.0
2 11	9 34.51	+13 56.4	1.090	2.077	0.2	19.5
2 21	9 25.67	+15 33.9	1.108	2.084	6.0	20.0
3 2	9 18.33	+16 59.3	1.150	2.091	11.5	20.3
3 12	9 13.66	+18 5.3	1.215	2.100	16.3	20.6

445859 2012 SX_{46} 2 10.8 137.°23 1.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.64	+ 8 9.9	1.539	2.301	19.0	22.0
1 12	10 0.96	+ 8 25.5	1.458	2.310	15.4	21.8
1 22	9 54.24	+ 9 0.3	1.396	2.318	11.0	21.5
2 1	9 45.05	+ 9 51.5	1.358	2.326	6.0	21.3
2 11	9 34.49	+10 53.1	1.348	2.333	1.5	21.0
2 21	9 23.91	+11 57.4	1.365	2.340	5.2	21.3
3 2	9 14.70	+12 56.7	1.409	2.346	10.1	21.5
3 12	9 7.96	+13 45.4	1.477	2.352	14.5	21.8

222807 2002 CV_{253} 2 10.8 11.°36 2.°4/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.05	+17 26.1	1.570	2.368	17.2	20.5
1 12	9 56.57	+18 2.3	1.493	2.370	13.6	20.2
1 22	9 51.19	+18 50.0	1.435	2.372	9.4	20.0
2 1	9 43.49	+19 43.0	1.403	2.376	4.8	19.7
2 11	9 34.51	+20 33.6	1.396	2.380	2.6	19.6
2 21	9 25.54	+21 14.7	1.417	2.384	6.4	19.8
3 2	9 17.88	+21 41.1	1.463	2.389	10.8	20.1
3 12	9 12.57	+21 50.9	1.532	2.395	14.8	20.3

187902 2000 SJ_{339} 2 10.8 72.°89 2.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.63	+15 5.9	1.891	2.665	15.5	19.4
1 12	9 57.83	+16 25.9	1.830	2.695	12.1	19.2
1 22	9 51.59	+17 58.0	1.792	2.724	8.2	19.0
2 1	9 43.51	+19 35.1	1.781	2.753	4.2	18.8
2 11	9 34.52	+21 8.4	1.800	2.782	2.4	18.8
2 21	9 25.69	+22 30.3	1.848	2.811	5.7	19.0
3 2	9 18.05	+23 35.5	1.925	2.839	9.4	19.3
3 12	9 12.41	+24 21.7	2.026	2.867	12.6	19.6

307665 2003 SM_{290} 2 10.8 172.°37 0.°7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.72	+10 3.8	2.174	2.919	14.7	22.2
1 12	9 59.31	+10 21.6	2.080	2.923	11.8	22.0
1 22	9 52.60	+10 52.1	2.007	2.926	8.3	21.8
2 1	9 44.07	+11 32.8	1.961	2.928	4.4	21.6
2 11	9 34.51	+12 19.2	1.944	2.930	0.7	21.3
2 21	9 24.88	+13 6.2	1.957	2.931	4.1	21.6
3 2	9 16.18	+13 49.0	2.001	2.932	8.0	21.8
3 12	9 9.26	+14 24.1	2.070	2.931	11.6	22.0

145552 2006 LZ_1 2 10.9 160.°39 0.°5/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.94	+ 9 3.1	2.292	3.033	14.1	20.5
1 12	9 57.77	+ 9 42.8	2.200	3.041	11.3	20.3
1 22	9 51.46	+10 36.7	2.129	3.048	7.9	20.1
2 1	9 43.46	+11 41.5	2.086	3.054	4.2	19.9
2 11	9 34.52	+12 52.2	2.073	3.060	0.5	19.6
2 21	9 25.53	+14 2.8	2.091	3.065	3.9	19.9
3 2	9 17.39	+15 7.8	2.139	3.069	7.7	20.1
3 12	9 10.89	+16 3.1	2.214	3.072	11.0	20.4

516392 1999 VH_{136} 2 10.9 164.°66 19.°0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 24.17	+49 11.0	1.182	1.967	22.4	21.2
1 12	10 20.55	+52 9.0	1.145	1.971	20.5	21.1
1 22	10 10.32	+54 48.9	1.125	1.974	19.2	21.0
2 1	9 54.05	+56 47.3	1.125	1.977	19.1	21.0
2 11	9 34.35	+57 45.3	1.143	1.980	20.0	21.1
2 21	9 15.14	+57 36.4	1.178	1.981	21.8	21.2
3 2	9 0.12	+56 27.8	1.229	1.982	23.8	21.4
3 12	8 51.24	+54 34.9	1.293	1.982	25.8	21.5

4019 Klavetter 2 10.9 75.°92 1.°6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.76	+ 8 54.0	1.489	2.259	19.2	18.3
1 12	10 0.21	+ 8 54.6	1.417	2.273	15.5	18.1
1 22	9 53.65	+ 9 12.9	1.364	2.288	11.0	17.9
2 1	9 44.71	+ 9 46.1	1.335	2.302	6.1	17.6
2 11	9 34.51	+10 28.9	1.331	2.317	1.7	17.4
2 21	9 24.43	+11 14.7	1.356	2.331	5.1	17.6
3 2	9 15.82	+11 56.9	1.406	2.346	10.0	17.9
3 12	9 9.70	+12 30.7	1.481	2.360	14.2	18.2

310973 2003 UN_{228} 2 10.9 54.°11 0.°9/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.58	+13 1.0	1.410	2.200	19.1	20.8
1 12	9 58.64	+13 39.0	1.347	2.218	15.1	20.6
1 22	9 52.62	+14 33.4	1.303	2.237	10.4	20.4
2 1	9 44.18	+15 38.2	1.283	2.256	5.2	20.1
2 11	9 34.52	+16 45.1	1.289	2.275	1.0	19.9
2 21	9 25.05	+17 45.3	1.322	2.295	5.9	20.3
3 2	9 17.14	+18 32.3	1.382	2.315	10.7	20.6
3 12	9 11.79	+19 2.9	1.464	2.335	14.9	20.9

371936 2008 ED_{79} 2 10.9 296.°81 2.°8/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.96	+ 7 23.1	1.710	2.468	17.5	21.2
1 12	9 58.06	+ 6 59.9	1.600	2.447	14.5	21.0
1 22	9 52.35	+ 6 51.4	1.510	2.427	10.7	20.7
2 1	9 44.22	+ 6 57.7	1.443	2.406	6.4	20.4
2 11	9 34.52	+ 7 16.5	1.403	2.385	2.9	20.1
2 21	9 24.45	+ 7 43.8	1.390	2.365	5.3	20.2
3 2	9 15.32	+ 8 14.3	1.404	2.344	9.9	20.4
3 12	9 8.34	+ 8 42.8	1.442	2.324	14.3	20.6

213262 2001 FB_{148} 2 10.9 268.°15 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.23	+13 56.8	1.790	2.559	16.4	20.5
1 12	10 0.48	+13 57.1	1.686	2.545	13.3	20.2
1 22	9 53.91	+14 8.2	1.603	2.531	9.3	20.0
2 1	9 44.94	+14 27.3	1.545	2.516	4.8	19.7
2 11	9 34.51	+14 49.5	1.515	2.501	0.2	19.2
2 21	9 23.84	+15 9.8	1.513	2.486	5.1	19.6
3 2	9 14.23	+15 23.9	1.539	2.471	9.9	19.8
3 12	9 6.81	+15 28.9	1.589	2.456	14.1	20.1

208998 2003 AW_{88} 2 10.9 340.°37 11.°9/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.83	−11 37.8	1.920	2.571	19.1	18.8
1 12	9 57.67	−13 46.9	1.818	2.557	17.3	18.6
1 22	9 51.93	−15 38.9	1.735	2.545	15.3	18.5
2 1	9 43.95	−17 6.7	1.672	2.533	13.4	18.3
2 11	9 34.53	−18 4.9	1.633	2.522	12.1	18.2
2 21	9 24.71	−18 30.8	1.617	2.512	12.0	18.2
3 2	9 15.71	−18 25.9	1.625	2.503	13.1	18.2
3 12	9 8.62	−17 56.2	1.655	2.494	15.0	18.3

48625 1995 QF 2 10.9 106.°98 2.°6/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.59	+ 5 0.9	1.603	2.350	19.0	19.6
1 12	10 0.63	+ 5 12.6	1.529	2.369	15.4	19.4
1 22	9 53.81	+ 5 45.2	1.474	2.387	11.2	19.2
2 1	9 44.75	+ 6 36.4	1.444	2.405	6.6	19.0
2 11	9 34.52	+ 7 40.9	1.440	2.423	2.7	18.8
2 21	9 24.40	+ 8 51.2	1.465	2.440	5.0	19.0
3 2	9 15.63	+ 9 59.7	1.517	2.456	9.4	19.3
3 12	9 9.21	+11 0.0	1.595	2.472	13.5	19.6

502244 2015 BA_{100} 2 10.9 303.°08 0.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.08	+10 39.2	2.080	2.839	14.8	21.9
1 12	9 55.81	+10 51.8	1.984	2.836	11.9	21.7
1 22	9 50.28	+11 17.0	1.910	2.833	8.4	21.4
2 1	9 42.93	+11 52.2	1.862	2.831	4.4	21.2
2 11	9 34.55	+12 33.4	1.842	2.828	0.6	20.9
2 21	9 26.08	+13 15.6	1.851	2.825	4.2	21.2
3 2	9 18.51	+13 53.9	1.888	2.823	8.2	21.4
3 12	9 12.68	+14 24.6	1.951	2.820	11.8	21.6

504531 2008 RR_{144} 2 10.9 212.°90 2.°6/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.81	+ 4 8.7	2.532	3.250	13.5	22.5
1 12	9 55.95	+ 4 9.2	2.422	3.243	11.1	22.3
1 22	9 50.16	+ 4 23.4	2.335	3.236	8.3	22.1
2 1	9 42.81	+ 4 50.6	2.274	3.228	5.2	21.9
2 11	9 34.56	+ 5 28.5	2.241	3.220	2.7	21.7
2 21	9 26.16	+ 6 13.5	2.239	3.211	3.9	21.7
3 2	9 18.44	+ 7 1.3	2.267	3.202	7.0	21.9
3 12	9 12.13	+ 7 47.5	2.322	3.192	10.1	22.1

275426 2011 CT_{18} 2 10.9 8.°11 2.°1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.49	+17 12.9	1.859	2.642	15.4	20.4
1 12	9 57.26	+17 49.2	1.773	2.642	12.2	20.2
1 22	9 51.45	+18 35.6	1.709	2.642	8.4	20.0
2 1	9 43.58	+19 26.8	1.670	2.643	4.3	19.7
2 11	9 34.54	+20 16.4	1.660	2.643	2.2	19.6
2 21	9 25.47	+20 57.9	1.678	2.644	5.7	19.8
3 2	9 17.49	+21 26.9	1.723	2.645	9.8	20.0
3 12	9 11.57	+21 41.2	1.792	2.646	13.4	20.3

285194 1996 VG_{18} 2 10.9 89.°01 1.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.98	+ 6 55.1	2.362	3.103	13.7	21.3
1 12	9 53.77	+ 7 18.1	2.271	3.110	11.1	21.1
1 22	9 48.64	+ 7 55.3	2.202	3.116	8.0	20.9
2 1	9 42.02	+ 8 44.3	2.159	3.123	4.5	20.7
2 11	9 34.57	+ 9 41.4	2.145	3.129	1.5	20.5
2 21	9 27.09	+10 41.7	2.161	3.136	3.6	20.7
3 2	9 20.39	+11 40.0	2.206	3.142	7.1	20.9
3 12	9 15.16	+12 32.2	2.278	3.149	10.3	21.1

83709 2001 TW_{80} 2 10.9 45.°40 3.°5/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.77	+ 2 46.7	2.177	2.904	15.1	19.5
1 12	9 54.55	+ 2 33.7	2.087	2.911	12.5	19.4
1 22	9 49.26	+ 2 36.4	2.019	2.918	9.4	19.2
2 1	9 42.35	+ 2 54.6	1.975	2.926	6.2	19.0
2 11	9 34.57	+ 3 26.0	1.959	2.934	3.7	18.8
2 21	9 26.76	+ 4 6.9	1.971	2.941	4.5	18.9
3 2	9 19.81	+ 4 52.4	2.012	2.949	7.6	19.1
3 12	9 14.46	+ 5 37.6	2.079	2.958	10.7	19.3

503847 2017 MF_{8} 2 10.9 215.°69 1.°8/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.89	+ 6 22.8	2.779	3.496	12.4	23.7
1 12	9 57.42	+ 6 27.0	2.663	3.486	10.1	23.5
1 22	9 51.09	+ 6 42.8	2.569	3.474	7.4	23.3
2 1	9 43.27	+ 7 8.9	2.502	3.461	4.4	23.1
2 11	9 34.56	+ 7 43.0	2.466	3.448	1.9	22.9
2 21	9 25.68	+ 8 21.7	2.461	3.434	3.5	23.0
3 2	9 17.42	+ 9 1.5	2.487	3.419	6.6	23.1
3 12	9 10.46	+ 9 38.6	2.541	3.403	9.6	23.3

461806 2005 YL_{43} 2 10.9 316.°64 2.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.48	+15 42.7	1.838	2.624	15.5	20.7
1 12	9 55.02	+16 43.7	1.745	2.617	12.3	20.4
1 22	9 50.02	+17 58.7	1.675	2.609	8.4	20.2
2 1	9 42.92	+19 21.9	1.630	2.602	4.3	19.9
2 11	9 34.56	+20 45.3	1.613	2.596	2.4	19.8
2 21	9 26.04	+22 0.8	1.624	2.589	6.0	20.0
3 2	9 18.51	+23 1.6	1.663	2.583	10.2	20.2
3 12	9 12.96	+23 44.3	1.725	2.577	13.9	20.4

234902 2002 TH_{219} 2 10.9 93.°57 4.°9/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.82	− 2 21.0	2.363	3.056	14.9	20.3
1 12	9 55.16	− 2 43.1	2.275	3.069	12.6	20.2
1 22	9 49.56	− 2 48.2	2.208	3.082	9.9	20.0
2 1	9 42.47	− 2 35.4	2.165	3.095	7.2	19.9
2 11	9 34.58	− 2 6.0	2.149	3.108	5.2	19.8
2 21	9 26.69	− 1 23.3	2.162	3.120	5.3	19.8
3 2	9 19.61	− 0 31.8	2.203	3.133	7.5	19.9
3 12	9 14.03	+ 0 23.1	2.271	3.145	10.1	20.1

293790 2007 RM_{137} 2 10.9 6.°05 0.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.05	+11 38.6	1.273	2.074	20.2	20.0
1 12	9 56.40	+11 55.1	1.197	2.074	16.2	19.7
1 22	9 51.47	+12 30.5	1.139	2.074	11.4	19.5
2 1	9 43.79	+13 21.0	1.103	2.076	5.9	19.2
2 11	9 34.55	+14 18.8	1.091	2.078	0.1	18.7
2 21	9 25.27	+15 15.3	1.105	2.082	6.0	19.2
3 2	9 17.50	+16 2.5	1.144	2.086	11.5	19.5
3 12	9 12.46	+16 35.0	1.204	2.091	16.3	19.8

502857 2015 DL_{185} 2 10.9 228.°18 4.°5/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.27	+26 55.0	2.309	3.089	12.9	21.5
1 12	9 59.01	+27 36.9	2.223	3.087	10.3	21.3
1 22	9 52.42	+28 20.2	2.161	3.086	7.5	21.2
2 1	9 43.98	+28 58.8	2.125	3.084	5.1	21.0
2 11	9 34.56	+29 26.9	2.119	3.082	4.8	21.0
2 21	9 25.14	+29 40.1	2.141	3.080	6.9	21.1
3 2	9 16.75	+29 36.4	2.191	3.078	9.7	21.3
3 12	9 10.21	+29 16.4	2.265	3.076	12.5	21.5

69313 1992 SW_{18} 2 10.9 175.°08 2.°9/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.67	+ 3 39.4	1.986	2.715	16.3	20.8
1 12	9 57.94	+ 3 48.7	1.890	2.718	13.4	20.6
1 22	9 51.82	+ 4 16.4	1.815	2.720	10.0	20.4
2 1	9 43.75	+ 5 1.4	1.764	2.721	6.1	20.2
2 11	9 34.56	+ 6 0.3	1.742	2.722	3.0	20.0
2 21	9 25.26	+ 7 7.3	1.749	2.722	4.6	20.1
3 2	9 16.91	+ 8 15.9	1.784	2.722	8.4	20.3
3 12	9 10.41	+ 9 20.1	1.846	2.721	12.1	20.5

466141 2012 HQ_{18} 2 10.9 209.°75 1.°7/ 9.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.08	+14 32.9	2.086	2.857	14.4	21.6
1 12	9 55.90	+15 34.2	1.992	2.855	11.4	21.4
1 22	9 50.41	+16 48.6	1.921	2.852	7.8	21.1
2 1	9 43.04	+18 11.0	1.877	2.849	3.9	20.9
2 11	9 34.57	+19 34.4	1.862	2.846	1.8	20.7
2 21	9 25.97	+20 51.4	1.877	2.843	5.3	21.0
3 2	9 18.25	+21 56.2	1.920	2.839	9.1	21.2
3 12	9 12.30	+22 45.1	1.989	2.836	12.6	21.4

354074 2001 UY_{167} 2 10.9 76.°97 0.°6/11.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 10.14	+12 14.7	1.474	2.242	19.4	21.1
1 12	10 5.04	+12 10.1	1.414	2.271	15.5	20.9
1 22	9 56.80	+12 19.2	1.374	2.300	10.8	20.7
2 1	9 46.20	+12 38.4	1.359	2.329	5.6	20.4
2 11	9 34.53	+13 2.0	1.370	2.357	0.6	20.2
2 21	9 23.26	+13 24.5	1.410	2.384	5.2	20.6
3 2	9 13.75	+13 41.4	1.477	2.412	10.0	20.9
3 12	9 6.92	+13 49.9	1.568	2.439	14.1	21.2

98412 2000 UG_{15} 2 10.9 124.°13 0.°4/10.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 6.17	+13 17.1	1.945	2.702	15.7	19.8
1 12	10 1.39	+13 40.6	1.867	2.720	12.5	19.6
1 22	9 54.08	+14 15.5	1.812	2.737	8.6	19.4
2 1	9 44.82	+14 57.9	1.782	2.753	4.3	19.1
2 11	9 34.56	+15 42.0	1.782	2.769	0.5	18.9
2 21	9 24.40	+16 22.3	1.812	2.783	4.7	19.2
3 2	9 15.43	+16 54.6	1.870	2.797	8.8	19.5
3 12	9 8.53	+17 16.0	1.954	2.811	12.3	19.7

194848 2002 AU_{18} 2 10.9 51.°51 1.°4/10.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 7.06	+16 32.3	1.280	2.077	20.4	18.3
1 12	10 3.25	+16 35.6	1.221	2.095	16.1	18.1
1 22	9 55.92	+16 50.2	1.180	2.115	11.1	17.9
2 1	9 45.88	+17 10.8	1.161	2.135	5.6	17.6
2 11	9 34.54	+17 30.1	1.169	2.155	1.4	17.4
2 21	9 23.57	+17 42.3	1.203	2.175	6.3	17.8
3 2	9 14.51	+17 43.5	1.262	2.196	11.4	18.1
3 12	9 8.43	+17 32.6	1.343	2.217	15.8	18.4

183972 2004 EA_{11} 2 10.9 16.°11 11.°1/ 5.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 13.98	+39 34.6	1.499	2.289	18.2	20.0
1 12	10 9.25	+40 37.1	1.438	2.292	15.4	19.8
1 22	10 0.37	+41 30.0	1.396	2.295	12.9	19.7
2 1	9 48.22	+42 0.3	1.377	2.299	11.3	19.6
2 11	9 34.51	+41 57.6	1.382	2.303	11.5	19.6
2 21	9 21.29	+41 17.6	1.412	2.307	13.3	19.7
3 2	9 10.43	+40 3.4	1.464	2.313	16.0	19.9
3 12	9 3.13	+38 22.7	1.536	2.319	18.7	20.1

149823 2005 NN_{27} 2 10.9 177.°07 3.°6/12.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 5.22	+ 5 47.7	1.520	2.273	19.6	21.4
1 12	10 1.55	+ 5 20.2	1.432	2.274	16.2	21.1
1 22	9 54.78	+ 5 10.5	1.362	2.275	12.0	20.9
2 1	9 45.43	+ 5 18.9	1.316	2.275	7.4	20.6
2 11	9 34.56	+ 5 42.7	1.295	2.276	3.7	20.4
2 21	9 23.56	+ 6 17.0	1.302	2.275	5.8	20.5
3 2	9 13.89	+ 6 55.6	1.335	2.275	10.4	20.8
3 12	9 6.73	+ 7 32.2	1.392	2.274	14.8	21.0

256188 2006 VO_{79} 2 10.9 36.°88 0.°2/10.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.36	+11 49.3	1.485	2.272	18.5	20.3
1 12	9 56.82	+12 15.5	1.413	2.282	14.7	20.1
1 22	9 51.36	+12 58.2	1.361	2.294	10.2	19.8
2 1	9 43.59	+13 53.1	1.333	2.306	5.2	19.6
2 11	9 34.59	+14 52.8	1.331	2.318	0.2	19.2
2 21	9 25.66	+15 49.6	1.356	2.331	5.4	19.6
3 2	9 18.12	+16 36.8	1.408	2.344	10.2	19.9
3 12	9 12.97	+17 10.2	1.482	2.358	14.4	20.2

462038 2007 CD_{62} 2 10.9 27.°40 6.°0/14.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.65	+ 0 37.2	1.551	2.292	19.7	20.3
1 12	9 56.91	− 0 11.9	1.472	2.300	16.6	20.1
1 22	9 51.38	− 0 40.4	1.412	2.309	12.9	19.9
2 1	9 43.60	− 0 46.1	1.374	2.318	9.1	19.7
2 11	9 34.59	− 0 29.9	1.360	2.327	6.2	19.6
2 21	9 25.58	+ 0 4.3	1.372	2.338	6.8	19.6
3 2	9 17.81	+ 0 50.2	1.410	2.349	10.0	19.8
3 12	9 12.31	+ 1 40.1	1.472	2.360	13.7	20.1

130745 2000 ST_{259} 2 10.9 181.°06 3.°6/ 8.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 4.63	+20 19.3	1.890	2.670	15.3	20.2
1 12	10 0.61	+21 20.0	1.804	2.672	12.1	19.9
1 22	9 53.85	+22 29.7	1.741	2.672	8.5	19.7
2 1	9 44.85	+23 41.4	1.704	2.672	4.8	19.5
2 11	9 34.58	+24 46.8	1.695	2.672	3.8	19.4
2 21	9 24.22	+25 38.7	1.716	2.671	6.9	19.6
3 2	9 15.03	+26 12.5	1.764	2.669	10.7	19.8
3 12	9 8.00	+26 27.1	1.836	2.667	14.1	20.1

456373 2006 UO_{44} 2 10.9 141.°83 2.°3/ 9.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 3.18	+17 50.5	1.904	2.681	15.3	21.8
1 12	9 59.30	+18 28.5	1.820	2.686	12.1	21.6
1 22	9 52.82	+19 15.9	1.759	2.690	8.4	21.4
2 1	9 44.27	+20 7.1	1.723	2.695	4.3	21.1
2 11	9 34.59	+20 55.3	1.716	2.699	2.4	21.0
2 21	9 24.90	+21 34.7	1.738	2.703	5.8	21.2
3 2	9 16.36	+22 0.9	1.788	2.706	9.7	21.5
3 12	9 9.89	+22 12.3	1.862	2.710	13.2	21.7

348918 2006 TV_{19} 2 10.9 46.°37 7.°5/16.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	9 59.37	− 5 2.4	1.467	2.187	21.5	20.8
1 12	9 56.67	− 5 38.8	1.404	2.211	18.4	20.6
1 22	9 51.14	− 5 46.9	1.357	2.235	14.7	20.4
2 1	9 43.42	− 5 24.5	1.331	2.259	10.9	20.3
2 11	9 34.60	− 4 33.3	1.328	2.284	8.0	20.2
2 21	9 25.94	− 3 19.6	1.351	2.310	7.9	20.2
3 2	9 18.67	− 1 52.6	1.399	2.335	10.3	20.4
3 12	9 13.73	− 0 22.6	1.472	2.361	13.6	20.7

466526 2014 QA_{432} 2 10.9 9.°42 9.°7/ 4.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 8.42	+36 33.0	1.653	2.447	16.6	20.4
1 12	10 4.44	+37 49.3	1.587	2.447	13.9	20.2
1 22	9 56.90	+39 0.2	1.543	2.448	11.4	20.1
2 1	9 46.48	+39 54.2	1.522	2.450	9.8	20.0
2 11	9 34.56	+40 21.2	1.526	2.451	10.2	20.0
2 21	9 22.84	+40 15.8	1.555	2.453	12.1	20.1
3 2	9 12.96	+39 38.2	1.607	2.455	14.8	20.3
3 12	9 6.09	+38 33.8	1.679	2.458	17.5	20.5

229986 1999 XZ_{121} 2 10.9 98.°93 0.°2/10.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 11.23	+12 52.0	1.610	2.370	18.4	21.4
1 12	10 5.71	+13 7.3	1.547	2.400	14.6	21.2
1 22	9 57.20	+13 35.7	1.504	2.429	10.1	21.0
2 1	9 46.42	+14 12.6	1.487	2.457	5.1	20.7
2 11	9 34.59	+14 51.6	1.498	2.484	0.2	20.4
2 21	9 23.10	+15 26.6	1.538	2.511	5.2	20.9
3 2	9 13.24	+15 53.0	1.606	2.536	9.8	21.2
3 12	9 5.94	+16 8.4	1.699	2.560	13.6	21.5

182459 2001 SZ_{72} 2 10.9 107.°45 6.°2/ 5.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 6.56	+29 37.8	2.069	2.851	14.1	20.2
1 12	10 1.85	+30 54.0	2.007	2.869	11.3	20.0
1 22	9 54.48	+32 10.1	1.969	2.887	8.5	19.9
2 1	9 45.06	+33 17.6	1.957	2.905	6.5	19.8
2 11	9 34.62	+34 8.6	1.974	2.922	6.6	19.8
2 21	9 24.33	+34 38.0	2.019	2.938	8.6	20.0
3 2	9 15.37	+34 44.5	2.090	2.955	11.2	20.1
3 12	9 8.61	+34 29.8	2.184	2.970	13.7	20.3

274355 2008 RL_{62} 2 10.9 194.°71 1.°9/ 9.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 2.37	+18 31.3	2.331	3.098	13.1	21.6
1 12	9 58.20	+19 0.3	2.236	3.097	10.4	21.4
1 22	9 51.82	+19 36.1	2.166	3.095	7.2	21.2
2 1	9 43.71	+20 14.3	2.122	3.093	3.8	20.9
2 11	9 34.64	+20 49.9	2.108	3.090	2.1	20.8
2 21	9 25.50	+21 18.4	2.124	3.087	4.9	21.0
3 2	9 17.27	+21 36.4	2.168	3.084	8.4	21.2
3 12	9 10.72	+21 42.6	2.239	3.081	11.5	21.4

34263 2000 QV_{121} 2 10.9 124.°58 0.°0/10.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 0.80	+13 36.2	2.683	3.432	12.1	18.8
1 12	9 56.49	+13 41.5	2.593	3.441	9.6	18.7
1 22	9 50.37	+13 54.2	2.526	3.449	6.6	18.5
2 1	9 42.88	+14 11.8	2.487	3.457	3.4	18.3
2 11	9 34.66	+14 31.3	2.478	3.465	0.1	18.0
2 21	9 26.47	+14 49.6	2.500	3.473	3.5	18.3
3 2	9 19.05	+15 3.8	2.552	3.480	6.7	18.5
3 12	9 13.04	+15 12.2	2.631	3.488	9.5	18.7

163414 2002 RP_{26} 2 10.9 187.°66 2.°8/12.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 1.15	+ 5 40.9	2.333	3.061	14.2	20.1
1 12	9 57.13	+ 5 18.9	2.234	3.060	11.7	19.9
1 22	9 51.04	+ 5 9.0	2.156	3.060	8.7	19.7
2 1	9 43.31	+ 5 10.9	2.104	3.060	5.4	19.5
2 11	9 34.67	+ 5 22.8	2.081	3.059	2.9	19.3
2 21	9 25.94	+ 5 41.8	2.087	3.059	4.2	19.4
3 2	9 18.03	+ 6 4.5	2.123	3.058	7.4	19.6
3 12	9 11.68	+ 6 27.1	2.185	3.057	10.6	19.8

414830 2010 UC_{60} 2 10.9 84.°10 0.°5/11.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
1 2	10 4.13	+10 40.9	1.871	2.628	16.3	21.8
1 12	9 59.77	+10 57.4	1.803	2.653	13.0	21.7
1 22	9 52.94	+11 27.2	1.755	2.678	9.1	21.5
2 1	9 44.25	+12 7.0	1.734	2.703	4.7	21.3
2 11	9 34.66	+12 51.4	1.740	2.727	0.5	21.0
2 21	9 25.24	+13 34.9	1.777	2.751	4.4	21.3
3 2	9 17.06	+14 12.8	1.841	2.774	8.5	21.6
3 12	9 10.91	+14 41.6	1.931	2.798	12.0	21.9

432539 2010 GK_{132} 2 10.9 343.°37 1.°9/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.79	+ 6 54.4	2.033	2.785	15.3	21.2
1 12	9 54.08	+ 6 59.8	1.936	2.781	12.5	21.0
1 22	9 49.15	+ 7 20.4	1.861	2.777	9.1	20.8
2 1	9 42.43	+ 7 54.8	1.810	2.773	5.3	20.5
2 11	9 34.68	+ 8 39.5	1.787	2.770	2.0	20.3
2 21	9 26.83	+ 9 29.6	1.792	2.767	4.2	20.5
3 2	9 19.84	+10 19.6	1.825	2.765	8.0	20.7
3 12	9 14.55	+11 4.6	1.884	2.763	11.7	20.9

203537 2002 CG_{28} 2 10.9 67.°85 3.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 7.44	+20 58.4	1.438	2.234	18.6	19.5
1 12	10 3.44	+21 27.2	1.371	2.246	14.7	19.3
1 22	9 56.07	+22 3.4	1.323	2.258	10.2	19.0
2 1	9 46.03	+22 39.6	1.300	2.270	5.6	18.8
2 11	9 34.64	+23 7.6	1.302	2.283	3.8	18.7
2 21	9 23.48	+23 21.0	1.332	2.295	7.4	19.0
3 2	9 14.07	+23 16.9	1.388	2.308	11.8	19.2
3 12	9 7.49	+22 56.1	1.466	2.320	15.8	19.5

419897 2011 AY_{61} 2 10.9 59.°04 2.°3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.73	+17 29.2	1.673	2.459	16.7	21.9
1 12	9 59.12	+18 6.1	1.607	2.477	13.2	21.7
1 22	9 52.74	+18 52.9	1.562	2.496	9.0	21.5
2 1	9 44.24	+19 43.5	1.542	2.514	4.6	21.2
2 11	9 34.67	+20 30.6	1.550	2.533	2.4	21.1
2 21	9 25.28	+21 7.9	1.585	2.552	6.0	21.4
3 2	9 17.27	+21 31.4	1.648	2.571	10.1	21.7
3 12	9 11.54	+21 39.6	1.734	2.589	13.7	21.9

21463 Nickerson 2 10.9 201.°46 2.°7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.59	+ 5 32.9	1.945	2.682	16.4	19.3
1 12	9 58.80	+ 5 26.2	1.846	2.680	13.5	19.1
1 22	9 52.51	+ 5 35.4	1.768	2.677	9.9	18.8
2 1	9 44.19	+ 5 59.9	1.714	2.673	6.0	18.6
2 11	9 34.67	+ 6 36.7	1.688	2.669	2.9	18.4
2 21	9 25.00	+ 7 21.2	1.692	2.665	4.7	18.5
3 2	9 16.29	+ 8 7.8	1.723	2.660	8.6	18.7
3 12	9 9.49	+ 8 51.4	1.780	2.655	12.4	18.9

498863 2008 YF_{52} 2 10.9 36.°01 0.°4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.37	+12 54.5	1.993	2.758	15.2	21.0
1 12	9 57.60	+12 47.7	1.911	2.766	12.1	20.8
1 22	9 51.49	+12 50.7	1.849	2.775	8.5	20.6
2 1	9 43.56	+13 1.0	1.814	2.784	4.4	20.4
2 11	9 34.69	+13 15.0	1.807	2.794	0.4	20.1
2 21	9 25.87	+13 28.7	1.829	2.803	4.2	20.4
3 2	9 18.12	+13 38.9	1.879	2.814	8.2	20.7
3 12	9 12.23	+13 43.1	1.954	2.824	11.7	20.9

309265 2007 RD_{98} 2 10.9 184.°42 1.°3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.62	+15 4.6	2.147	2.906	14.4	22.0
1 12	10 0.19	+15 43.5	2.052	2.907	11.4	21.8
1 22	9 53.35	+16 33.3	1.980	2.907	7.9	21.6
2 1	9 44.57	+17 29.2	1.935	2.906	4.0	21.3
2 11	9 34.68	+18 25.6	1.919	2.904	1.4	21.1
2 21	9 24.69	+19 16.3	1.934	2.902	4.9	21.4
3 2	9 15.65	+19 56.8	1.978	2.898	8.8	21.6
3 12	9 8.46	+20 24.4	2.048	2.894	12.3	21.8

21614 Grochowski 2 10.9 144.°13 3.°4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 3.38	+ 3 3.5	1.926	2.652	16.9	18.6
1 12	9 59.31	+ 2 58.9	1.838	2.662	13.9	18.4
1 22	9 52.78	+ 3 12.4	1.770	2.671	10.4	18.2
2 1	9 44.28	+ 3 43.5	1.726	2.679	6.6	18.0
2 11	9 34.69	+ 4 29.2	1.710	2.687	3.6	17.9
2 21	9 25.06	+ 5 24.2	1.723	2.695	4.9	17.9
3 2	9 16.48	+ 6 22.7	1.764	2.701	8.5	18.2
3 12	9 9.85	+ 7 18.4	1.832	2.707	12.1	18.4

188675 2005 SY_{201} 2 10.9 0.°36 12.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 57.51	−18 5.5	1.868	2.485	20.5	20.0
1 12	9 55.05	−19 22.1	1.778	2.485	18.7	19.9
1 22	9 50.08	−20 11.3	1.703	2.484	16.7	19.7
2 1	9 43.02	−20 26.9	1.645	2.484	14.6	19.6
2 11	9 34.70	−20 5.1	1.607	2.484	13.0	19.5
2 21	9 26.18	−19 6.4	1.592	2.485	12.3	19.4
3 2	9 18.61	−17 36.1	1.601	2.485	12.8	19.5
3 12	9 12.99	−15 43.8	1.632	2.486	14.5	19.6

91439 1999 RD_{12} 2 10.9 144.°82 2.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.19	+ 2 13.6	2.630	3.338	13.2	20.8
1 12	9 55.29	+ 2 39.2	2.536	3.349	10.9	20.6
1 22	9 49.60	+ 3 20.5	2.464	3.360	8.1	20.5
2 1	9 42.53	+ 4 15.8	2.418	3.370	5.1	20.3
2 11	9 34.71	+ 5 22.0	2.402	3.380	2.6	20.1
2 21	9 26.86	+ 6 34.4	2.417	3.389	3.6	20.2
3 2	9 19.72	+ 7 47.9	2.462	3.397	6.5	20.4
3 12	9 13.93	+ 8 57.5	2.536	3.405	9.4	20.6

436765 2012 FE_{81} 2 10.9 208.°20 2.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.00	+ 8 39.7	1.282	2.068	20.9	20.9
1 12	9 59.11	+11 3.1	1.195	2.066	16.7	20.7
1 22	9 53.73	+14 4.3	1.128	2.064	11.5	20.3
2 1	9 45.23	+17 33.3	1.087	2.061	5.7	20.0
2 11	9 34.68	+21 11.0	1.075	2.058	3.3	19.8
2 21	9 23.69	+24 35.1	1.093	2.055	8.6	20.1
3 2	9 14.06	+27 27.2	1.137	2.052	14.3	20.4
3 12	9 7.33	+29 38.5	1.203	2.048	19.2	20.7

370820 2004 TE_{366} 2 10.9 67.°70 3.°0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.97	+20 33.4	1.995	2.777	14.5	20.8
1 12	9 58.30	+21 12.1	1.910	2.778	11.5	20.6
1 22	9 52.12	+21 57.6	1.848	2.780	8.0	20.4
2 1	9 43.96	+22 44.2	1.812	2.782	4.5	20.2
2 11	9 34.71	+23 25.3	1.804	2.783	3.2	20.1
2 21	9 25.44	+23 55.6	1.826	2.785	6.1	20.3
3 2	9 17.27	+24 11.5	1.874	2.787	9.7	20.5
3 12	9 11.08	+24 12.1	1.947	2.788	13.0	20.7

27073 1998 SK_{132} 2 10.9 332.°47 0.°3/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.46	+12 45.3	1.551	2.334	18.0	17.9
1 12	9 58.62	+12 41.4	1.461	2.327	14.5	17.7
1 22	9 52.79	+12 50.6	1.390	2.321	10.3	17.4
2 1	9 44.48	+13 10.1	1.343	2.315	5.3	17.1
2 11	9 34.70	+13 35.1	1.322	2.309	0.3	16.7
2 21	9 24.78	+14 0.0	1.329	2.304	5.3	17.1
3 2	9 16.12	+14 19.5	1.361	2.299	10.3	17.3
3 12	9 9.86	+14 29.9	1.417	2.295	14.8	17.6

82175 2001 HV_{11} 2 10.9 278.°20 4.°5/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.30	+21 24.4	1.408	2.210	18.6	19.9
1 12	10 2.33	+22 8.7	1.320	2.199	14.9	19.6
1 22	9 55.79	+23 3.0	1.251	2.187	10.5	19.4
2 1	9 46.18	+23 59.5	1.206	2.176	6.1	19.1
2 11	9 34.68	+24 47.7	1.187	2.165	4.7	19.0
2 21	9 22.95	+25 18.8	1.194	2.153	8.5	19.1
3 2	9 12.74	+25 27.7	1.225	2.142	13.3	19.4
3 12	9 5.47	+25 14.2	1.278	2.131	17.8	19.6

326313 1999 TJ_{140} 2 10.9 135.°63 2.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.30	+ 2 57.5	2.591	3.301	13.4	21.6
1 12	9 56.16	+ 3 0.8	2.500	3.314	11.0	21.5
1 22	9 50.20	+ 3 18.1	2.431	3.327	8.2	21.3
2 1	9 42.84	+ 3 48.5	2.388	3.339	5.2	21.1
2 11	9 34.74	+ 4 29.5	2.374	3.351	2.9	21.0
2 21	9 26.64	+ 5 17.3	2.391	3.362	3.8	21.1
3 2	9 19.29	+ 6 7.7	2.438	3.373	6.6	21.3
3 12	9 13.33	+ 6 56.4	2.513	3.383	9.5	21.5

408741 2014 OM_{111} 2 10.9 264.°70 1.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.02	+ 8 52.7	1.620	2.386	18.1	21.9
1 12	9 59.09	+ 8 59.2	1.517	2.372	14.8	21.6
1 22	9 53.20	+ 9 23.3	1.434	2.357	10.7	21.3
2 1	9 44.77	+10 3.3	1.375	2.342	5.9	21.0
2 11	9 34.71	+10 54.5	1.342	2.327	1.5	20.7
2 21	9 24.31	+11 50.2	1.336	2.312	5.2	20.9
3 2	9 14.98	+12 43.3	1.358	2.297	10.3	21.1
3 12	9 7.95	+13 27.6	1.403	2.281	14.9	21.4

283522 2001 TF_{92} 2 10.9 135.°80 2.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.09	+ 4 24.2	1.942	2.669	16.7	22.4
1 12	10 0.59	+ 4 29.1	1.858	2.685	13.7	22.2
1 22	9 53.61	+ 4 51.6	1.794	2.699	10.1	22.0
2 1	9 44.69	+ 5 30.3	1.756	2.713	6.1	21.8
2 11	9 34.73	+ 6 21.2	1.745	2.726	2.9	21.6
2 21	9 24.79	+ 7 19.1	1.765	2.738	4.6	21.7
3 2	9 15.94	+ 8 17.6	1.814	2.749	8.4	22.0
3 12	9 9.07	+ 9 11.4	1.888	2.760	12.0	22.2

266386 2007 EK_{128} 2 10.9 352.°82 0.°9/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.78	+15 12.5	1.822	2.598	15.9	21.2
1 12	9 58.35	+15 27.0	1.733	2.597	12.7	21.0
1 22	9 52.29	+15 52.0	1.666	2.597	8.8	20.8
2 1	9 44.11	+16 23.6	1.624	2.596	4.4	20.5
2 11	9 34.74	+16 56.3	1.609	2.595	1.0	20.3
2 21	9 25.32	+17 24.7	1.623	2.595	5.1	20.5
3 2	9 17.03	+17 44.5	1.665	2.595	9.4	20.8
3 12	9 10.82	+17 53.1	1.731	2.595	13.3	21.0

169217 2001 RP_{121} 2 10.9 257.°16 4.°4/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.01	+26 49.6	2.371	3.147	12.7	20.1
1 12	9 59.61	+27 25.3	2.278	3.140	10.1	19.9
1 22	9 52.89	+28 2.2	2.209	3.133	7.4	19.7
2 1	9 44.33	+28 34.8	2.167	3.126	5.0	19.6
2 11	9 34.75	+28 57.2	2.154	3.119	4.6	19.5
2 21	9 25.14	+29 5.4	2.170	3.111	6.7	19.7
3 2	9 16.51	+28 57.3	2.214	3.104	9.5	19.8
3 12	9 9.69	+28 33.7	2.283	3.096	12.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
60893	2000 JH_{21}		2 10.9	200.°12	0.°3/11.1	18
	h m	° ′			°	m
1 2	10 2.41	+11 55.1	1.911	2.673	15.8	19.3
1 12	9 58.71	+12 3.4	1.818	2.672	12.7	19.1
1 22	9 52.48	+12 23.9	1.746	2.671	8.9	18.8
2 1	9 44.20	+12 53.8	1.700	2.670	4.6	18.6
2 11	9 34.76	+13 28.6	1.682	2.668	0.3	18.2
2 21	9 25.23	+14 3.2	1.693	2.667	4.5	18.6
3 2	9 16.74	+14 32.8	1.731	2.665	8.9	18.8
3 12	9 10.24	+14 53.9	1.795	2.663	12.7	19.0
148874	2001 VH_{116}		2 10.9	27.°81	2.°2/ 9.5	18
1 2	10 1.34	+17 41.2	1.529	2.325	17.6	19.7
1 12	9 58.43	+18 6.5	1.457	2.333	13.9	19.5
1 22	9 52.53	+18 42.1	1.405	2.341	9.6	19.2
2 1	9 44.26	+19 22.1	1.377	2.350	4.9	19.0
2 11	9 34.76	+19 59.4	1.376	2.360	2.4	18.8
2 21	9 25.35	+20 27.4	1.401	2.370	6.2	19.1
3 2	9 17.38	+20 42.0	1.453	2.381	10.7	19.4
3 12	9 11.85	+20 41.5	1.527	2.392	14.7	19.6
465481	2008 TJ_{33}		2 10.9	193.°82	4.°2/15.2	17
1 2	9 58.50	− 2 29.7	2.697	3.380	13.5	22.7
1 12	9 54.81	− 2 30.8	2.589	3.377	11.4	22.5
1 22	9 49.34	− 2 15.5	2.502	3.375	9.0	22.3
2 1	9 42.47	− 1 43.5	2.440	3.371	6.4	22.2
2 11	9 34.78	− 0 56.2	2.406	3.368	4.4	22.0
2 21	9 26.98	+ 0 3.0	2.402	3.364	4.6	22.0
3 2	9 19.80	+ 1 9.6	2.428	3.359	6.8	22.2
3 12	9 13.90	+ 2 18.2	2.482	3.354	9.5	22.3
300246	2007 EE_{96}		2 10.9	273.°27	1.°6/11.9	18
1 2	10 1.31	+ 8 16.2	1.542	2.311	18.7	21.8
1 12	9 58.72	+ 8 24.5	1.438	2.294	15.3	21.5
1 22	9 53.09	+ 8 52.2	1.354	2.278	11.1	21.2
2 1	9 44.79	+ 9 37.8	1.293	2.261	6.2	20.9
2 11	9 34.76	+10 36.5	1.258	2.244	1.6	20.6
2 21	9 24.31	+11 40.9	1.250	2.227	5.4	20.8
3 2	9 14.95	+12 42.9	1.269	2.209	10.7	21.0
3 12	9 7.98	+13 35.6	1.311	2.192	15.6	21.2
218918	2007 TV_{138}		2 10.9	120.°09	0.°5/10.5	18
1 2	10 4.57	+15 48.1	2.488	3.240	12.8	20.5
1 12	9 59.61	+15 44.6	2.400	3.249	10.2	20.3
1 22	9 52.62	+15 47.1	2.335	3.259	7.0	20.1
2 1	9 44.09	+15 52.9	2.297	3.268	3.5	19.9
2 11	9 34.77	+15 58.8	2.290	3.277	0.5	19.7
2 21	9 25.52	+16 2.0	2.314	3.285	3.8	20.0
3 2	9 17.17	+16 0.2	2.368	3.294	7.3	20.2
3 12	9 10.44	+15 52.2	2.448	3.302	10.3	20.4
332797	2009 WH_{64}		2 10.9	152.°49	1.°6/12.3	18
1 2	9 59.80	+ 7 4.2	2.219	2.959	14.5	21.8
1 12	9 56.21	+ 7 16.1	2.125	2.963	11.8	21.6
1 22	9 50.50	+ 7 42.1	2.053	2.967	8.5	21.4
2 1	9 43.11	+ 8 20.5	2.007	2.970	4.9	21.2
2 11	9 34.79	+ 9 7.7	1.989	2.973	1.7	21.0
2 21	9 26.42	+ 9 58.8	2.001	2.976	3.9	21.1
3 2	9 18.89	+10 49.0	2.043	2.979	7.6	21.4
3 12	9 12.97	+11 33.7	2.110	2.981	10.9	21.6
290372	2005 SR_{278}		2 10.9	53.°55	2.°2/12.5	18
1 2	9 59.49	+ 6 22.8	1.755	2.511	17.2	21.0
1 12	9 56.49	+ 6 28.3	1.674	2.520	14.0	20.8
1 22	9 50.96	+ 6 51.4	1.613	2.529	10.2	20.6
2 1	9 43.42	+ 7 30.5	1.575	2.539	5.9	20.4
2 11	9 34.80	+ 8 21.1	1.565	2.548	2.3	20.2
2 21	9 26.17	+ 9 17.3	1.582	2.558	4.6	20.3
3 2	9 18.66	+10 12.6	1.628	2.568	8.8	20.6
3 12	9 13.16	+11 1.5	1.698	2.578	12.6	20.9
496180	2011 CQ_{110}		2 10.9	167.°56	2.°4/12.9	17
1 2	9 59.08	+ 4 49.8	2.155	2.889	15.1	22.1
1 12	9 55.74	+ 4 58.4	2.059	2.891	12.3	21.9
1 22	9 50.24	+ 5 23.0	1.984	2.892	9.1	21.7
2 1	9 43.02	+ 6 2.5	1.934	2.893	5.5	21.5
2 11	9 34.82	+ 6 53.5	1.913	2.894	2.5	21.3
2 21	9 26.53	+ 7 51.0	1.921	2.895	4.1	21.4
3 2	9 19.09	+ 8 49.7	1.957	2.895	7.7	21.6
3 12	9 13.28	+ 9 44.2	2.020	2.896	11.2	21.8
59971	1999 RP_{247}		2 10.9	129.°80	3.°2/ 8.8	18
1 2	10 8.69	+18 58.0	1.671	2.449	17.1	19.8
1 12	10 4.01	+19 50.7	1.599	2.465	13.5	19.6
1 22	9 56.29	+20 53.1	1.548	2.480	9.3	19.3
2 1	9 46.17	+21 58.0	1.523	2.494	5.1	19.1
2 11	9 34.79	+22 56.5	1.527	2.507	3.4	19.0
2 21	9 23.53	+23 41.4	1.559	2.519	6.8	19.3
3 2	9 13.74	+24 8.4	1.618	2.531	10.9	19.5
3 12	9 6.48	+24 16.9	1.701	2.542	14.6	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
432547	2010 JP_2		2 10.9	3.°74	3.°0/ 8.6	17
	h m	° ′			°	m
1 2	10 0.06	+20 42.7	1.951	2.739	14.6	21.4
1 12	9 56.87	+21 17.7	1.867	2.739	11.6	21.2
1 22	9 51.19	+21 59.3	1.806	2.739	8.0	20.9
2 1	9 43.54	+22 41.9	1.770	2.740	4.5	20.7
2 11	9 34.81	+23 19.1	1.762	2.741	3.2	20.6
2 21	9 26.08	+23 45.7	1.782	2.742	6.1	20.8
3 2	9 18.42	+23 58.1	1.829	2.744	9.8	21.0
3 12	9 12.74	+23 55.4	1.900	2.746	13.1	21.3
166072	2002 CT_{81}		2 10.9	264.°42	1.°8/ 9.7	18
1 2	10 3.05	+16 7.6	1.648	2.431	17.1	20.8
1 12	9 59.88	+16 38.3	1.553	2.421	13.7	20.6
1 22	9 53.71	+17 21.6	1.478	2.411	9.5	20.3
2 1	9 45.03	+18 12.5	1.428	2.400	4.9	20.0
2 11	9 34.80	+19 3.8	1.405	2.390	1.9	19.8
2 21	9 24.35	+19 47.9	1.410	2.379	6.1	20.0
3 2	9 15.08	+20 19.1	1.441	2.368	10.9	20.2
3 12	9 8.18	+20 34.5	1.496	2.357	15.2	20.5
252932	2002 OC_{21}		2 10.9	227.°74	0.°7/10.4	17
1 2	10 2.50	+13 10.0	2.034	2.796	15.0	21.7
1 12	9 58.78	+13 42.6	1.931	2.786	12.0	21.5
1 22	9 52.58	+14 28.1	1.849	2.776	8.4	21.2
2 1	9 44.33	+15 22.8	1.794	2.765	4.2	21.0
2 11	9 34.82	+16 20.9	1.767	2.754	0.7	20.7
2 21	9 25.10	+17 16.2	1.771	2.742	4.8	20.9
3 2	9 16.27	+18 3.1	1.803	2.730	9.1	21.2
3 12	9 9.32	+18 38.1	1.860	2.717	12.9	21.4
34984	3163 T_{-3}		2 10.9	297.°97	8.°1/ 3.3	18
1 2	10 6.09	+38 51.2	2.378	3.151	12.7	18.7
1 12	10 1.63	+39 57.9	2.301	3.144	10.8	18.6
1 22	9 54.48	+40 58.9	2.248	3.138	9.0	18.4
2 1	9 45.22	+41 46.2	2.220	3.132	8.1	18.4
2 11	9 34.82	+42 12.6	2.219	3.126	8.5	18.4
2 21	9 24.45	+42 14.4	2.244	3.120	10.0	18.5
3 2	9 15.31	+41 50.9	2.294	3.113	12.0	18.6
3 12	9 8.32	+41 4.9	2.366	3.108	14.0	18.7
503552	2016 FB_{43}		2 10.9	34.°52	3.°1/ 8.7	18
1 2	10 2.40	+20 23.4	1.918	2.702	15.0	21.0
1 12	9 58.78	+21 1.3	1.833	2.702	11.9	20.8
1 22	9 52.56	+21 46.3	1.771	2.703	8.3	20.6
2 1	9 44.27	+22 32.7	1.734	2.704	4.6	20.4
2 11	9 34.83	+23 13.7	1.726	2.705	3.2	20.3
2 21	9 25.37	+23 43.6	1.745	2.706	6.2	20.5
3 2	9 17.04	+23 58.8	1.793	2.706	10.0	20.7
3 12	9 10.77	+23 58.4	1.864	2.707	13.4	20.9
68669	2002 CJ_{109}		2 10.9	253.°36	1.°9/ 9.6	18
1 2	10 2.49	+15 46.3	1.684	2.466	16.8	20.2
1 12	9 59.36	+16 25.4	1.590	2.458	13.4	19.9
1 22	9 53.31	+17 18.0	1.516	2.449	9.3	19.7
2 1	9 44.82	+18 18.8	1.467	2.440	4.8	19.4
2 11	9 34.84	+19 20.1	1.446	2.430	2.0	19.2
2 21	9 24.64	+20 14.2	1.453	2.421	6.1	19.4
3 2	9 15.59	+20 54.9	1.486	2.411	10.8	19.6
3 12	9 8.83	+21 19.0	1.543	2.401	14.9	19.9
320842	2008 FA_{72}		2 10.9	239.°73	1.°3/ 9.9	18
1 2	10 1.82	+15 2.3	1.994	2.764	15.0	21.8
1 12	9 58.29	+15 35.1	1.895	2.756	11.9	21.6
1 22	9 52.26	+16 19.3	1.817	2.747	8.3	21.4
2 1	9 44.17	+17 10.9	1.765	2.737	4.2	21.1
2 11	9 34.85	+18 3.7	1.742	2.728	1.3	20.9
2 21	9 25.35	+18 51.7	1.748	2.718	5.1	21.1
3 2	9 16.79	+19 29.8	1.783	2.708	9.3	21.3
3 12	9 10.14	+19 54.9	1.842	2.697	13.0	21.5
125562	2001 XP_{14}		2 10.9	155.°90	0.°1/10.8	18
1 2	10 7.21	+13 17.4	1.834	2.594	16.5	20.6
1 12	10 2.57	+13 25.3	1.747	2.601	13.2	20.4
1 22	9 55.19	+13 44.5	1.682	2.607	9.2	20.1
2 1	9 45.62	+14 11.8	1.642	2.612	4.7	19.9
2 11	9 34.84	+14 42.0	1.630	2.617	0.1	19.5
2 21	9 24.06	+15 9.8	1.648	2.621	4.8	19.9
3 2	9 14.49	+15 31.0	1.695	2.625	9.3	20.2
3 12	9 7.13	+15 42.9	1.766	2.628	13.2	20.4
325243	2008 GY_{71}		2 10.9	308.°95	0.°6/10.5	18
1 2	10 0.01	+12 52.7	1.754	2.531	16.5	21.5
1 12	9 57.13	+13 21.4	1.663	2.527	13.2	21.3
1 22	9 51.59	+14 4.4	1.592	2.523	9.2	21.0
2 1	9 43.86	+14 57.8	1.547	2.519	4.7	20.8
2 11	9 34.86	+15 55.3	1.529	2.515	0.6	20.4
2 21	9 25.72	+16 49.9	1.539	2.512	5.1	20.8
3 2	9 17.66	+17 35.6	1.576	2.508	9.7	21.0
3 12	9 11.69	+18 8.4	1.637	2.505	13.7	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
160720	2000 QM_{158}		2 10.9	153.°44	3.°4/12.8	18
	h m	° ′			°	m
1 2	10 5.50	+ 6 16.1	1.676	2.422	18.3	20.1
1 12	10 1.49	+ 5 43.9	1.586	2.425	15.1	19.9
1 22	9 54.62	+ 5 27.2	1.516	2.427	11.2	19.6
2 1	9 45.40	+ 5 26.0	1.470	2.429	6.9	19.4
2 11	9 34.85	+ 5 38.1	1.451	2.431	3.5	19.2
2 21	9 24.21	+ 5 59.7	1.460	2.433	5.4	19.3
3 2	9 14.79	+ 6 25.7	1.496	2.434	9.6	19.5
3 12	9 7.65	+ 6 51.1	1.557	2.436	13.7	19.8
372665	2009 WY_{82}		2 10.9	104.°84	1.°1/10.1	18
1 2	10 2.95	+16 0.9	2.045	2.814	14.7	21.1
1 12	9 58.91	+16 17.4	1.960	2.820	11.7	20.9
1 22	9 52.47	+16 42.6	1.898	2.827	8.0	20.7
2 1	9 44.16	+17 12.5	1.861	2.833	4.1	20.5
2 11	9 34.86	+17 42.1	1.854	2.839	1.2	20.3
2 21	9 25.58	+18 6.8	1.876	2.846	4.7	20.5
3 2	9 17.36	+18 23.0	1.926	2.852	8.6	20.8
3 12	9 11.03	+18 28.8	2.001	2.858	12.1	21.0
178160	2006 UH_{11}		2 10.9	166.°39	1.°5/12.1	18
1 2	10 1.76	+ 7 32.6	2.059	2.802	15.4	21.4
1 12	9 57.97	+ 7 46.2	1.965	2.805	12.5	21.2
1 22	9 51.86	+ 8 15.0	1.893	2.808	9.0	20.9
2 1	9 43.89	+ 8 56.7	1.847	2.811	5.1	20.7
2 11	9 34.86	+ 9 47.4	1.828	2.813	1.6	20.5
2 21	9 25.76	+10 41.7	1.840	2.815	4.2	20.6
3 2	9 17.59	+11 34.1	1.881	2.816	8.1	20.9
3 12	9 11.21	+12 19.9	1.947	2.817	11.8	21.1
166950	2003 JJ_{14}		2 10.9	250.°55	0.°4/11.2	17
1 2	10 2.43	+ 9 46.5	1.916	2.671	16.0	21.2
1 12	9 59.03	+10 18.3	1.802	2.652	13.0	21.0
1 22	9 52.98	+11 7.3	1.709	2.632	9.3	20.7
2 1	9 44.66	+12 10.6	1.642	2.611	4.9	20.4
2 11	9 34.86	+13 22.9	1.603	2.590	0.4	20.0
2 21	9 24.65	+14 36.9	1.594	2.568	4.8	20.3
3 2	9 15.27	+15 45.4	1.613	2.545	9.5	20.5
3 12	9 7.84	+16 42.7	1.657	2.521	13.8	20.7
453784	2011 OT_{26}		2 10.9	190.°36	2.°1/ 9.2	18
1 2	10 4.14	+15 24.8	1.829	2.601	16.0	21.9
1 12	10 0.37	+16 25.2	1.738	2.600	12.7	21.6
1 22	9 53.84	+17 39.5	1.668	2.599	8.8	21.4
2 1	9 45.03	+19 2.0	1.625	2.597	4.5	21.1
2 11	9 34.86	+20 24.2	1.611	2.594	2.3	21.0
2 21	9 24.52	+21 37.8	1.626	2.591	6.0	21.2
3 2	9 15.28	+22 36.3	1.669	2.586	10.3	21.4
3 12	9 8.20	+23 16.5	1.736	2.581	14.2	21.7
167583	2004 BY_{89}		2 10.9	153.°22	3.°5/13.9	18
1 2	9 59.96	+ 2 26.6	2.510	3.220	13.7	20.2
1 12	9 56.06	+ 2 5.2	2.411	3.223	11.4	20.1
1 22	9 50.26	+ 1 57.0	2.334	3.226	8.7	19.9
2 1	9 42.99	+ 2 2.3	2.283	3.229	5.8	19.7
2 11	9 34.89	+ 2 19.5	2.260	3.231	3.6	19.6
2 21	9 26.72	+ 2 45.9	2.267	3.234	4.3	19.6
3 2	9 19.29	+ 3 18.0	2.303	3.236	7.0	19.8
3 12	9 13.28	+ 3 51.6	2.366	3.238	9.9	20.0
122369	2000 QK_{58}		2 10.9	166.°85	1.°9/ 9.5	18
1 2	10 5.81	+16 43.2	1.953	2.720	15.3	21.1
1 12	10 1.39	+17 21.2	1.865	2.725	12.2	20.9
1 22	9 54.35	+18 9.3	1.800	2.729	8.4	20.6
2 1	9 45.20	+19 2.3	1.762	2.733	4.3	20.4
2 11	9 34.88	+19 53.5	1.752	2.736	2.0	20.2
2 21	9 24.51	+20 36.7	1.772	2.738	5.5	20.5
3 2	9 15.27	+21 7.7	1.820	2.740	9.5	20.7
3 12	9 8.11	+21 24.3	1.894	2.740	13.1	20.9
454469	2014 OB_{71}		2 10.9	228.°38	0.°9/10.3	18
1 2	10 2.40	+12 50.7	1.804	2.573	16.3	21.5
1 12	9 59.07	+13 32.4	1.705	2.565	13.1	21.3
1 22	9 53.00	+14 29.6	1.628	2.556	9.1	21.0
2 1	9 44.65	+15 38.0	1.575	2.547	4.6	20.7
2 11	9 34.89	+16 50.6	1.552	2.538	1.0	20.4
2 21	9 24.88	+17 59.6	1.557	2.528	5.4	20.7
3 2	9 15.90	+18 58.1	1.590	2.517	10.0	21.0
3 12	9 9.03	+19 41.8	1.647	2.506	14.1	21.2
490182	2008 UF_{283}		2 10.9	230.°76	3.°8/ 8.4	18
1 2	10 4.91	+20 0.7	1.632	2.421	17.0	22.0
1 12	10 1.45	+20 54.1	1.543	2.415	13.5	21.7
1 22	9 54.88	+21 58.3	1.474	2.408	9.5	21.5
2 1	9 45.67	+23 5.9	1.431	2.401	5.4	21.2
2 11	9 34.88	+24 7.7	1.415	2.393	4.0	21.1
2 21	9 23.91	+24 55.3	1.427	2.385	7.5	21.3
3 2	9 14.23	+25 23.3	1.465	2.377	11.9	21.5
3 12	9 7.06	+25 30.6	1.525	2.369	15.9	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
340816	2006 UE_{56}		2 10.9	102.°30	3.°4/14.2	17
	h m	° ′			°	m
1 2	9 57.88	+ 1 26.7	2.521	3.231	13.7	21.2
1 12	9 54.39	+ 1 19.9	2.428	3.239	11.4	21.1
1 22	9 49.08	+ 1 27.8	2.356	3.248	8.7	20.9
2 1	9 42.38	+ 1 50.1	2.310	3.256	5.8	20.7
2 11	9 34.91	+ 2 24.9	2.292	3.264	3.6	20.6
2 21	9 27.42	+ 3 8.6	2.304	3.272	4.2	20.7
3 2	9 20.65	+ 3 57.2	2.345	3.280	6.8	20.8
3 12	9 15.25	+ 4 45.9	2.413	3.288	9.6	21.0
219805	2002 AN_{157}		2 10.9	33.°52	0.°8/11.4	18
1 2	10 1.49	+11 15.0	1.774	2.541	16.6	20.5
1 12	9 58.13	+11 13.6	1.689	2.545	13.4	20.2
1 22	9 52.15	+11 25.0	1.625	2.550	9.5	20.0
2 1	9 44.10	+11 46.8	1.585	2.555	5.0	19.8
2 11	9 34.90	+12 14.7	1.573	2.560	0.8	19.5
2 21	9 25.69	+12 43.7	1.589	2.565	4.6	19.8
3 2	9 17.63	+13 9.0	1.633	2.570	9.0	20.0
3 12	9 11.64	+13 27.1	1.701	2.576	12.9	20.3
373945	2003 UA_{403}		2 10.9	155.°17	0.°4/11.3	17
1 2	9 59.82	+10 36.2	2.301	3.052	13.8	21.8
1 12	9 56.18	+10 57.0	2.208	3.055	11.0	21.6
1 22	9 50.48	+11 29.7	2.137	3.058	7.8	21.4
2 1	9 43.15	+12 11.6	2.092	3.061	4.1	21.2
2 11	9 34.92	+12 58.5	2.077	3.064	0.4	20.9
2 21	9 26.63	+13 45.5	2.092	3.066	3.8	21.2
3 2	9 19.17	+14 28.2	2.136	3.069	7.5	21.4
3 12	9 13.29	+15 3.2	2.207	3.071	10.8	21.6
242601	2005 JW_{52}		2 10.9	195.°67	3.°0/ 7.8	17
1 2	9 59.39	+21 13.6	2.564	3.338	11.9	21.1
1 12	9 55.77	+22 9.9	2.473	3.337	9.4	20.9
1 22	9 50.16	+23 12.1	2.405	3.335	6.5	20.7
2 1	9 42.99	+24 15.0	2.366	3.333	3.9	20.5
2 11	9 34.93	+25 12.9	2.357	3.331	3.2	20.5
2 21	9 26.78	+26 0.9	2.377	3.329	5.5	20.6
3 2	9 19.40	+26 35.5	2.427	3.326	8.4	20.8
3 12	9 13.52	+26 55.3	2.501	3.324	11.1	21.0
469103	2015 CW_{53}		2 10.9	66.°34	2.°2/13.1	18
1 2	9 56.84	+ 4 15.9	2.269	3.002	14.4	20.7
1 12	9 53.81	+ 4 35.5	2.181	3.012	11.8	20.5
1 22	9 48.81	+ 5 11.1	2.114	3.021	8.6	20.3
2 1	9 42.29	+ 6 1.2	2.072	3.031	5.2	20.1
2 11	9 34.93	+ 7 2.1	2.059	3.041	2.4	19.9
2 21	9 27.55	+ 8 8.6	2.076	3.051	3.8	20.1
3 2	9 20.98	+ 9 15.1	2.122	3.060	7.2	20.3
3 12	9 15.92	+10 16.7	2.194	3.070	10.4	20.5
351622	2005 WF_{179}		2 10.9	142.°36	3.°1/12.9	18
1 2	10 6.41	+ 5 7.0	1.787	2.522	17.7	21.5
1 12	10 1.95	+ 4 53.6	1.702	2.532	14.6	21.3
1 22	9 54.78	+ 4 57.2	1.636	2.543	10.8	21.1
2 1	9 45.44	+ 5 17.1	1.595	2.552	6.6	20.8
2 11	9 34.91	+ 5 50.3	1.581	2.561	3.3	20.7
2 21	9 24.37	+ 6 31.9	1.596	2.569	5.0	20.8
3 2	9 15.02	+ 7 16.0	1.640	2.576	9.0	21.0
3 12	9 7.83	+ 7 57.2	1.709	2.583	12.9	21.3
131004	2000 WT_{195}		2 10.9	91.°18	1.°8/ 9.7	18
1 2	10 3.94	+15 48.4	1.611	2.394	17.4	20.2
1 12	10 0.35	+16 27.0	1.537	2.405	13.8	20.0
1 22	9 53.84	+17 18.0	1.484	2.417	9.5	19.8
2 1	9 45.00	+18 15.6	1.456	2.428	4.8	19.6
2 11	9 34.92	+19 12.0	1.455	2.439	2.0	19.4
2 21	9 24.91	+19 59.8	1.482	2.450	6.0	19.7
3 2	9 16.28	+20 34.0	1.536	2.461	10.4	20.0
3 12	9 10.05	+20 52.1	1.613	2.472	14.4	20.2
283907	2004 ES_{93}		2 10.9	312.°27	1.°2/11.7	17
1 2	9 55.56	+ 7 49.8	1.225	2.022	21.1	21.4
1 12	9 54.96	+ 8 12.3	1.127	2.001	17.3	21.1
1 22	9 51.01	+ 9 1.4	1.047	1.979	12.6	20.7
2 1	9 44.01	+10 16.1	0.987	1.958	6.9	20.3
2 11	9 34.92	+11 49.7	0.951	1.937	1.3	19.9
2 21	9 25.26	+13 31.1	0.940	1.918	6.3	20.2
3 2	9 16.82	+15 7.5	0.952	1.899	12.6	20.4
3 12	9 11.18	+16 28.1	0.985	1.880	18.2	20.7
328711	2009 TY_{12}		2 10.9	156.°00	6.°4/ 5.0	18
1 2	10 7.35	+32 43.8	2.402	3.175	12.6	21.4
1 12	10 2.34	+33 53.9	2.329	3.182	10.3	21.2
1 22	9 54.83	+35 2.1	2.281	3.189	8.0	21.1
2 1	9 45.39	+36 0.8	2.259	3.195	6.5	21.0
2 11	9 34.92	+36 42.9	2.266	3.201	6.7	21.0
2 21	9 24.50	+37 4.3	2.302	3.206	8.4	21.1
3 2	9 15.22	+37 3.5	2.364	3.211	10.7	21.3
3 12	9 7.93	+36 42.4	2.450	3.215	13.0	21.4

324041 2005 UK_{495} 2 10.9 192.°19 3.°8/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.70	+24 39.8	2.382	3.150	12.9	21.3
1 12	10 1.71	+25 18.8	2.290	3.148	10.2	21.1
1 22	9 54.36	+26 0.6	2.221	3.146	7.3	21.0
2 1	9 45.16	+26 39.5	2.181	3.143	4.6	20.8
2 11	9 34.92	+27 9.8	2.170	3.140	4.0	20.7
2 21	9 24.66	+27 27.0	2.189	3.136	6.3	20.9
3 2	9 15.38	+27 28.8	2.237	3.131	9.3	21.0
3 12	9 7.93	+27 15.5	2.310	3.126	12.1	21.2

369812 2012 HJ_{53} 2 10.9 185.°84 2.°5/13.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.26	+ 3 12.8	2.323	3.044	14.4	21.9
1 12	9 55.75	+ 3 31.3	2.221	3.044	11.9	21.7
1 22	9 50.22	+ 4 6.5	2.141	3.043	8.8	21.5
2 1	9 43.05	+ 4 57.4	2.087	3.042	5.5	21.3
2 11	9 34.94	+ 6 0.5	2.061	3.041	2.7	21.1
2 21	9 26.71	+ 7 10.9	2.066	3.039	4.0	21.2
3 2	9 19.24	+ 8 22.7	2.100	3.037	7.3	21.4
3 12	9 13.29	+ 9 30.5	2.161	3.034	10.6	21.6

25036 Elizabethof 2 10.9 254.°88 2.°5/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.65	+ 6 41.3	1.822	2.571	16.9	18.8
1 12	9 58.35	+ 6 33.4	1.721	2.563	13.9	18.5
1 22	9 52.44	+ 6 41.6	1.641	2.555	10.2	18.3
2 1	9 44.34	+ 7 5.0	1.584	2.546	6.1	18.0
2 11	9 34.93	+ 7 40.6	1.555	2.538	2.6	17.8
2 21	9 25.30	+ 8 23.4	1.554	2.529	4.8	17.9
3 2	9 16.66	+ 9 7.7	1.581	2.520	9.1	18.1
3 12	9 10.03	+ 9 48.0	1.633	2.511	13.2	18.3

372103 2008 SK_{120} 2 10.9 147.°31 0.°6/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 59.95	+10 15.7	2.330	3.079	13.7	21.7
1 12	9 56.25	+10 33.7	2.238	3.083	11.0	21.5
1 22	9 50.51	+11 3.4	2.167	3.088	7.7	21.3
2 1	9 43.17	+11 42.3	2.124	3.092	4.1	21.1
2 11	9 34.94	+12 26.4	2.109	3.096	0.6	20.8
2 21	9 26.68	+13 11.2	2.125	3.099	3.8	21.0
3 2	9 19.23	+13 52.2	2.170	3.103	7.4	21.3
3 12	9 13.35	+14 26.1	2.241	3.106	10.6	21.5

170152 2003 CU_{14} 2 10.9 36.°59 1.°6/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.53	+ 6 46.1	2.120	2.869	14.8	19.9
1 12	9 53.74	+ 7 6.6	2.034	2.877	12.0	19.8
1 22	9 48.86	+ 7 42.7	1.968	2.885	8.6	19.6
2 1	9 42.35	+ 8 32.0	1.928	2.893	4.9	19.3
2 11	9 34.95	+ 9 30.5	1.917	2.901	1.6	19.1
2 21	9 27.53	+10 32.5	1.934	2.910	3.9	19.3
3 2	9 20.97	+11 32.5	1.980	2.919	7.6	19.6
3 12	9 16.03	+12 25.7	2.052	2.928	11.0	19.8

258056 2001 OK_{18} 2 10.9 158.°84 3.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 3.12	+ 3 37.2	2.197	2.916	15.2	20.6
1 12	9 58.85	+ 3 21.2	2.102	2.921	12.6	20.4
1 22	9 52.38	+ 3 20.0	2.028	2.927	9.5	20.2
2 1	9 44.15	+ 3 33.3	1.980	2.931	6.1	20.0
2 11	9 34.94	+ 3 59.1	1.960	2.936	3.5	19.8
2 21	9 25.67	+ 4 33.8	1.969	2.939	4.5	19.9
3 2	9 17.29	+ 5 12.9	2.008	2.942	7.8	20.1
3 12	9 10.60	+ 5 51.7	2.073	2.945	11.0	20.3

463556 2013 RF_{58} 2 10.9 262.°34 1.°2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.73	+ 9 27.0	1.986	2.741	15.5	21.4
1 12	9 57.32	+ 9 29.6	1.891	2.739	12.6	21.2
1 22	9 51.51	+ 9 45.6	1.816	2.736	9.0	21.0
2 1	9 43.78	+10 13.0	1.767	2.734	4.9	20.7
2 11	9 34.95	+10 48.0	1.746	2.732	1.3	20.5
2 21	9 26.01	+11 25.9	1.754	2.730	4.3	20.7
3 2	9 18.02	+12 1.7	1.790	2.727	8.4	20.9
3 12	9 11.86	+12 31.3	1.852	2.725	12.1	21.1

334534 2002 RA_{240} 2 10.9 196.°18 0.°1/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 1.17	+12 40.6	2.777	3.520	11.8	22.1
1 12	9 56.88	+12 53.6	2.674	3.517	9.4	21.9
1 22	9 50.79	+13 14.7	2.594	3.514	6.6	21.7
2 1	9 43.27	+13 41.8	2.541	3.510	3.4	21.5
2 11	9 34.95	+14 11.5	2.519	3.506	0.1	21.2
2 21	9 26.56	+14 40.3	2.529	3.501	3.4	21.5
3 2	9 18.84	+15 5.3	2.568	3.496	6.7	21.7
3 12	9 12.46	+15 23.9	2.635	3.490	9.6	21.8

239458 2007 TC_{269} 2 10.9 270.°62 2.°1/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 57.63	+ 5 39.2	2.306	3.042	14.1	20.7
1 12	9 54.48	+ 5 48.0	2.207	3.041	11.6	20.5
1 22	9 49.34	+ 6 11.4	2.130	3.040	8.5	20.3
2 1	9 42.60	+ 6 47.9	2.078	3.038	5.0	20.1
2 11	9 34.96	+ 7 34.6	2.055	3.037	2.2	19.9
2 21	9 27.22	+ 8 26.8	2.061	3.035	3.8	20.0
3 2	9 20.24	+ 9 19.8	2.096	3.034	7.3	20.2
3 12	9 14.77	+10 8.9	2.157	3.032	10.6	20.4

468446 2002 XX_4 2 10.9 103.°74 18.°1/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 28.43	+45 48.2	1.152	1.938	22.8	22.5
1 12	10 23.46	+49 34.7	1.138	1.969	20.2	22.5
1 22	10 12.04	+52 58.5	1.144	2.000	18.5	22.4
2 1	9 54.94	+55 34.7	1.172	2.029	18.1	22.5
2 11	9 34.89	+57 5.9	1.220	2.056	19.0	22.7
2 21	9 15.67	+57 29.1	1.286	2.083	20.6	22.9
3 2	9 0.70	+56 54.0	1.369	2.108	22.4	23.1
3 12	8 51.67	+55 36.9	1.465	2.131	24.1	23.3

106070 2000 SK_{333} 2 10.9 199.°31 3.°4/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 4.73	+19 42.0	1.872	2.652	15.5	20.8
1 12	10 0.85	+20 41.6	1.782	2.649	12.3	20.6
1 22	9 54.19	+21 51.2	1.715	2.646	8.6	20.4
2 1	9 45.25	+23 3.9	1.673	2.642	4.8	20.1
2 11	9 34.96	+24 11.4	1.660	2.638	3.7	20.1
2 21	9 24.51	+25 6.1	1.676	2.633	6.8	20.2
3 2	9 15.20	+25 43.0	1.719	2.627	10.7	20.5
3 12	9 8.06	+26 0.6	1.787	2.621	14.3	20.7

172782 2004 EZ_{75} 2 10.9 240.°82 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.55	+12 35.2	2.688	3.438	12.0	21.1
1 12	9 54.98	+12 59.9	2.579	3.428	9.6	20.9
1 22	9 49.57	+13 34.2	2.493	3.417	6.7	20.7
2 1	9 42.70	+14 15.4	2.435	3.405	3.4	20.4
2 11	9 34.97	+14 59.7	2.407	3.394	0.2	20.1
2 21	9 27.11	+15 43.0	2.409	3.382	3.6	20.4
3 2	9 19.87	+16 21.5	2.442	3.370	7.0	20.6
3 12	9 13.96	+16 52.3	2.501	3.357	10.0	20.8

175634 2007 TV_{216} 2 10.9 147.°65 5.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 3.30	+29 55.8	2.610	3.385	11.7	20.8
1 12	9 58.86	+30 52.8	2.533	3.391	9.4	20.7
1 22	9 52.29	+31 49.3	2.480	3.396	7.1	20.5
2 1	9 44.06	+32 39.4	2.454	3.401	5.4	20.4
2 11	9 34.97	+33 17.1	2.458	3.406	5.4	20.5
2 21	9 25.91	+33 38.7	2.491	3.411	7.1	20.6
3 2	9 17.78	+33 42.4	2.551	3.415	9.4	20.7
3 12	9 11.33	+33 29.0	2.635	3.419	11.7	20.9

503019 2015 FT_{115} 2 10.9 284.°38 5.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.62	+29 15.5	2.350	3.126	12.8	20.8
1 12	10 1.03	+29 48.8	2.255	3.115	10.3	20.6
1 22	9 53.99	+30 21.5	2.184	3.104	7.7	20.4
2 1	9 45.02	+30 47.7	2.139	3.092	5.5	20.2
2 11	9 34.97	+31 1.5	2.123	3.081	5.3	20.2
2 21	9 24.89	+30 58.9	2.136	3.070	7.3	20.3
3 2	9 15.84	+30 38.4	2.176	3.059	10.0	20.5
3 12	9 8.69	+30 1.3	2.241	3.048	12.7	20.6

169164 2001 QF_{209} 2 10.9 166.°45 0.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.14	+ 8 45.6	2.603	3.342	12.6	20.9
1 12	9 54.62	+ 9 10.9	2.505	3.345	10.1	20.8
1 22	9 49.29	+ 9 48.1	2.431	3.347	7.2	20.6
2 1	9 42.54	+10 34.9	2.383	3.349	3.9	20.4
2 11	9 35.00	+11 27.6	2.365	3.351	0.9	20.1
2 21	9 27.39	+12 21.9	2.378	3.353	3.4	20.3
3 2	9 20.47	+13 13.4	2.421	3.354	6.7	20.6
3 12	9 14.90	+13 58.4	2.491	3.355	9.7	20.7

455957 2005 VH_{16} 2 10.9 63.°19 8.°4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 6.23	+33 11.9	1.739	2.534	15.8	20.8
1 12	10 2.36	+34 39.8	1.683	2.548	13.0	20.6
1 22	9 55.31	+36 4.9	1.648	2.562	10.2	20.5
2 1	9 45.77	+37 16.6	1.639	2.576	8.5	20.4
2 11	9 34.98	+38 5.1	1.656	2.590	8.8	20.5
2 21	9 24.40	+38 25.2	1.698	2.604	10.8	20.6
3 2	9 15.43	+38 16.1	1.765	2.618	13.5	20.8
3 12	9 9.12	+37 41.6	1.852	2.632	16.0	21.0

421265 2013 SJ_{67} 2 10.9 64.°84 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 0.29	+12 27.4	1.963	2.730	15.3	21.4
1 12	9 56.95	+12 48.5	1.877	2.735	12.2	21.2
1 22	9 51.23	+13 22.0	1.813	2.740	8.5	21.0
2 1	9 43.63	+14 4.3	1.774	2.745	4.3	20.7
2 11	9 35.00	+14 50.2	1.764	2.751	0.2	20.4
2 21	9 26.35	+15 34.3	1.783	2.756	4.5	20.7
3 2	9 18.71	+16 11.6	1.830	2.762	8.6	21.0
3 12	9 12.94	+16 38.9	1.901	2.768	12.2	21.2

417066 2005 UP_{222} 2 10.9 24.°49 2.°2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 2.07	+18 6.7	1.581	2.373	17.3	21.0
1 12	9 59.00	+18 28.2	1.505	2.379	13.7	20.8
1 22	9 52.98	+18 59.1	1.450	2.385	9.5	20.5
2 1	9 44.62	+19 33.9	1.420	2.392	4.9	20.3
2 11	9 35.01	+20 5.7	1.416	2.399	2.4	20.1
2 21	9 25.48	+20 28.4	1.439	2.407	6.1	20.4
3 2	9 17.33	+20 38.1	1.488	2.416	10.6	20.6
3 12	9 11.57	+20 33.6	1.561	2.425	14.5	20.9

24547 Stauber — 2 10.9 224.°48 0.°9/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.27	+ 8 34.3	1.975	2.726	15.7	19.7
1 12	9 57.88	+ 9 1.7	1.872	2.718	12.8	19.5
1 22	9 52.04	+ 9 45.5	1.790	2.710	9.1	19.2
2 1	9 44.15	+10 43.4	1.734	2.701	4.9	19.0
2 11	9 35.02	+11 50.2	1.706	2.692	0.9	18.7
2 21	9 25.67	+12 59.4	1.707	2.682	4.4	18.9
3 2	9 17.20	+14 4.5	1.738	2.672	8.8	19.1
3 12	9 10.60	+15 0.2	1.794	2.662	12.7	19.3

432153 2009 BS_{139} — 2 10.9 181.°20 0.°2/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.56	+11 29.4	2.489	3.240	12.8	22.0
1 12	9 55.07	+11 50.9	2.392	3.241	10.2	21.8
1 22	9 49.67	+12 23.0	2.318	3.241	7.2	21.6
2 1	9 42.77	+13 2.9	2.271	3.241	3.7	21.4
2 11	9 35.03	+13 46.8	2.254	3.241	0.2	21.1
2 21	9 27.22	+14 30.3	2.267	3.240	3.6	21.4
3 2	9 20.15	+15 9.4	2.309	3.240	7.1	21.6
3 12	9 14.51	+15 41.0	2.377	3.239	10.2	21.8

346026 2007 TM_{355} — 2 10.9 57.°45 0.°8/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.97	+ 7 15.4	2.057	2.805	15.3	20.3
1 12	9 55.55	+ 8 5.8	1.992	2.837	12.2	20.2
1 22	9 50.02	+ 9 12.3	1.949	2.868	8.5	20.0
2 1	9 42.91	+10 30.8	1.932	2.899	4.5	19.8
2 11	9 35.03	+11 55.2	1.945	2.931	0.8	19.6
2 21	9 27.28	+13 18.7	1.987	2.962	3.9	19.9
3 2	9 20.55	+14 35.0	2.059	2.993	7.6	20.2
3 12	9 15.53	+15 39.7	2.157	3.024	10.9	20.5

259179 2003 AJ_{9} — 2 10.9 43.°88 0.°5/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.38	+ 2 55.2	1.338	2.101	21.3	18.4
1 12	9 57.84	+ 5 30.2	1.281	2.135	16.9	18.2
1 22	9 52.23	+ 8 39.3	1.244	2.170	11.6	18.0
2 1	9 44.23	+12 11.3	1.234	2.205	5.8	17.7
2 11	9 35.02	+15 47.6	1.254	2.241	0.6	17.5
2 21	9 26.01	+19 9.0	1.306	2.277	6.1	17.9
3 2	9 18.55	+22 0.6	1.386	2.313	11.2	18.3
3 12	9 13.64	+24 15.6	1.491	2.349	15.4	18.7

63808 2001 RF_{44} — 2 10.9 111.°32 4.°5/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.93	+21 41.2	1.630	2.419	17.0	19.5
1 12	10 2.81	+22 49.3	1.563	2.434	13.4	19.3
1 22	9 55.60	+24 5.5	1.517	2.449	9.4	19.1
2 1	9 45.95	+25 21.0	1.496	2.463	5.7	18.9
2 11	9 35.02	+26 26.0	1.504	2.477	4.8	18.9
2 21	9 24.21	+27 13.0	1.539	2.491	7.8	19.1
3 2	9 14.92	+27 38.1	1.600	2.504	11.7	19.3
3 12	9 8.17	+27 41.6	1.684	2.516	15.2	19.6

87434 2000 QX_{105} — 2 10.9 156.°57 2.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.99	+19 24.2	2.849	3.614	11.0	20.0
1 12	9 55.17	+20 11.1	2.759	3.619	8.7	19.8
1 22	9 49.61	+21 3.6	2.695	3.624	6.0	19.6
2 1	9 42.69	+21 57.6	2.659	3.628	3.3	19.4
2 11	9 35.04	+22 48.4	2.653	3.632	2.3	19.4
2 21	9 27.35	+23 31.9	2.678	3.636	4.5	19.5
3 2	9 20.35	+24 5.1	2.732	3.639	7.3	19.7
3 12	9 14.66	+24 26.3	2.813	3.642	9.8	19.9

28889 2000 KQ_{63} — 2 10.9 73.°00 3.°1/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.22	+19 48.4	2.177	2.957	13.5	18.3
1 12	9 55.95	+20 51.1	2.098	2.966	10.6	18.1
1 22	9 50.46	+22 1.6	2.042	2.974	7.3	18.0
2 1	9 43.22	+23 13.9	2.014	2.982	4.2	17.8
2 11	9 35.03	+24 20.9	2.014	2.991	3.3	17.7
2 21	9 26.84	+25 16.9	2.044	2.999	5.9	17.9
3 2	9 19.59	+25 57.6	2.102	3.008	9.2	18.1
3 12	9 14.07	+26 21.6	2.184	3.016	12.1	18.3

227682 2006 CP_{48} — 2 10.9 102.°03 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.46	+ 8 17.7	2.083	2.830	15.1	21.3
1 12	9 56.87	+ 8 31.2	1.997	2.840	12.2	21.1
1 22	9 51.07	+ 8 58.8	1.933	2.850	8.7	20.9
2 1	9 43.52	+ 9 38.2	1.894	2.860	4.8	20.7
2 11	9 35.03	+10 25.3	1.884	2.869	1.4	20.5
2 21	9 26.54	+11 14.9	1.903	2.878	4.0	20.7
3 2	9 19.00	+12 2.0	1.951	2.888	7.8	20.9
3 12	9 13.19	+12 42.3	2.025	2.897	11.3	21.1

140622 2001 UO_{12} — 2 10.9 74.°06 7.°1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 57.31	−10 17.3	2.440	3.085	15.6	19.6
1 12	9 54.07	−10 50.4	2.352	3.098	13.6	19.5
1 22	9 48.96	−11 3.0	2.283	3.111	11.5	19.4
2 1	9 42.39	−10 53.2	2.236	3.124	9.2	19.2
2 11	9 35.04	−10 21.0	2.214	3.137	7.6	19.2
2 21	9 27.67	− 9 28.9	2.219	3.150	7.2	19.1
3 2	9 21.05	− 8 21.7	2.251	3.164	8.3	19.2
3 12	9 15.85	− 7 5.7	2.310	3.177	10.3	19.4

8800 Brophy — 2 10.9 35.°46 1.°1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.36	+15 59.2	1.972	2.748	14.9	19.0
1 12	9 56.93	+16 14.9	1.895	2.759	11.8	18.8
1 22	9 51.16	+16 39.5	1.839	2.770	8.1	18.6
2 1	9 43.57	+17 8.9	1.810	2.782	4.1	18.4
2 11	9 35.04	+17 38.1	1.808	2.794	1.2	18.2
2 21	9 26.59	+18 2.4	1.835	2.806	4.7	18.5
3 2	9 19.22	+18 18.4	1.890	2.819	8.6	18.7
3 12	9 13.73	+18 24.1	1.970	2.832	12.0	19.0

447296 2005 WR_{77} — 2 10.9 48.°22 1.°6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.75	+ 9 49.4	1.254	2.041	21.2	21.3
1 12	10 0.86	+ 9 40.2	1.188	2.054	17.1	21.0
1 22	9 54.56	+ 9 49.6	1.140	2.068	12.2	20.8
2 1	9 45.51	+10 15.0	1.114	2.083	6.7	20.5
2 11	9 35.03	+10 50.7	1.112	2.098	1.7	20.3
2 21	9 24.72	+11 29.4	1.136	2.113	5.7	20.6
3 2	9 16.12	+12 4.2	1.186	2.129	11.0	20.9
3 12	9 10.37	+12 30.0	1.257	2.145	15.6	21.2

491975 2013 EU_{14} — 2 10.9 217.°08 2.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 6.88	+18 26.6	1.828	2.601	16.0	21.7
1 12	10 2.59	+18 49.8	1.733	2.596	12.8	21.4
1 22	9 55.44	+19 21.6	1.660	2.590	8.9	21.2
2 1	9 45.93	+19 56.8	1.613	2.584	4.7	20.9
2 11	9 35.03	+20 28.9	1.594	2.577	2.3	20.7
2 21	9 24.00	+20 52.1	1.604	2.570	5.9	20.9
3 2	9 14.16	+21 2.4	1.641	2.562	10.3	21.2
3 12	9 6.58	+20 58.7	1.703	2.554	14.1	21.4

496614 2015 GX_{2} — 2 10.9 330.°60 3.°8/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.84	+24 20.6	2.306	3.086	12.9	21.2
1 12	9 57.96	+24 57.7	2.219	3.085	10.2	21.0
1 22	9 51.82	+25 37.8	2.155	3.083	7.3	20.8
2 1	9 43.91	+26 15.6	2.117	3.081	4.6	20.7
2 11	9 35.04	+26 45.3	2.109	3.080	3.9	20.6
2 21	9 26.16	+27 2.7	2.129	3.078	6.2	20.8
3 2	9 18.23	+27 5.3	2.178	3.077	9.2	20.9
3 12	9 12.06	+26 53.1	2.251	3.076	12.1	21.1

34891 2001 VR_{66} — 2 10.9 190.°81 4.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 7.60	+22 46.1	1.813	2.594	15.8	19.3
1 12	10 3.25	+23 38.2	1.726	2.593	12.6	19.1
1 22	9 55.93	+24 36.9	1.662	2.592	8.9	18.9
2 1	9 46.18	+25 34.8	1.624	2.590	5.4	18.7
2 11	9 35.03	+26 23.5	1.614	2.587	4.6	18.6
2 21	9 23.82	+26 56.1	1.633	2.584	7.5	18.8
3 2	9 13.89	+27 9.2	1.678	2.581	11.3	19.0
3 12	9 6.33	+27 2.6	1.747	2.576	14.8	19.2

295947 2008 XL_{48} — 2 10.9 157.°33 2.°2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.09	+ 6 56.3	1.700	2.453	17.8	21.5
1 12	9 59.60	+ 6 55.2	1.611	2.456	14.6	21.3
1 22	9 53.35	+ 7 11.7	1.542	2.458	10.6	21.1
2 1	9 44.85	+ 7 44.1	1.497	2.461	6.1	20.8
2 11	9 35.05	+ 8 28.4	1.479	2.463	2.4	20.6
2 21	9 25.15	+ 9 18.7	1.489	2.465	4.9	20.7
3 2	9 16.41	+10 8.6	1.527	2.466	9.3	21.0
3 12	9 9.85	+10 52.5	1.589	2.467	13.5	21.2

8325 Trigo–Rodriguez — 2 10.9 203.°79 2.°2/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.88	+19 57.1	2.480	3.250	12.4	19.0
1 12	9 56.96	+20 24.7	2.388	3.249	9.8	18.8
1 22	9 51.01	+20 57.5	2.319	3.248	6.8	18.6
2 1	9 43.47	+21 31.4	2.278	3.247	3.7	18.4
2 11	9 35.06	+22 1.8	2.266	3.246	2.3	18.3
2 21	9 26.62	+22 24.6	2.284	3.245	4.9	18.5
3 2	9 19.01	+22 37.0	2.331	3.244	8.0	18.7
3 12	9 12.95	+22 37.9	2.404	3.243	10.9	18.8

18471 1995 UZ_{45} — 2 10.9 346.°50 5.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 55.04	− 1 10.0	1.610	2.349	19.2	17.9
1 12	9 53.44	− 1 34.4	1.516	2.342	16.3	17.6
1 22	9 49.21	− 1 35.3	1.441	2.335	12.8	17.4
2 1	9 42.80	− 1 10.7	1.386	2.329	9.1	17.2
2 11	9 35.06	− 0 21.9	1.356	2.324	6.2	17.0
2 21	9 27.13	+ 0 46.3	1.352	2.320	6.5	17.0
3 2	9 20.22	+ 2 5.9	1.374	2.317	9.8	17.2
3 12	9 15.37	+ 3 27.8	1.419	2.314	13.7	17.4

492262 2013 WP_{56} — 2 10.9 123.°00 4.°6/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.21	+26 54.8	2.457	3.233	12.3	21.4
1 12	9 58.86	+27 52.4	2.382	3.244	9.8	21.3
1 22	9 52.33	+28 51.5	2.332	3.255	7.1	21.1
2 1	9 44.13	+29 46.0	2.310	3.266	5.0	21.0
2 11	9 35.07	+30 29.6	2.317	3.276	4.8	21.0
2 21	9 26.05	+30 58.3	2.353	3.286	6.7	21.1
3 2	9 18.01	+31 9.8	2.417	3.296	9.3	21.3
3 12	9 11.70	+31 4.6	2.505	3.305	11.7	21.5

280255 2002 XJ_{53} 2 10.9 92.°27 3.°5/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.72	+22 18.4	2.330	3.109	12.8	20.7
1 12	9 56.95	+23 17.6	2.256	3.122	10.1	20.5
1 22	9 51.04	+24 21.7	2.206	3.136	7.0	20.3
2 1	9 43.49	+25 24.9	2.183	3.149	4.3	20.2
2 11	9 35.07	+26 20.8	2.190	3.162	3.7	20.2
2 21	9 26.70	+27 4.4	2.226	3.175	6.0	20.3
3 2	9 19.27	+27 32.7	2.290	3.187	8.9	20.5
3 12	9 13.52	+27 44.9	2.379	3.200	11.6	20.7

462259 2008 EU_3 2 10.9 300.°30 5.°5/ 7.9 18

1 2	10 8.22	+26 55.3	1.691	2.482	16.4	21.0
1 12	10 4.14	+27 24.4	1.599	2.469	13.3	20.8
1 22	9 56.79	+27 55.3	1.528	2.456	9.7	20.5
2 1	9 46.71	+28 20.2	1.482	2.444	6.4	20.3
2 11	9 35.06	+28 31.0	1.463	2.432	5.7	20.2
2 21	9 23.32	+28 21.9	1.471	2.419	8.5	20.3
3 2	9 13.01	+27 51.3	1.505	2.408	12.3	20.5
3 12	9 5.35	+27 1.2	1.561	2.396	16.0	20.7

330960 2009 SP_{344} 2 10.9 128.°10 0.°1/11.0 18

1 2	10 1.11	+11 30.2	2.094	2.851	14.7	21.9
1 12	9 57.44	+11 55.7	2.007	2.859	11.8	21.7
1 22	9 51.50	+12 33.6	1.941	2.866	8.2	21.5
2 1	9 43.78	+13 20.8	1.902	2.872	4.2	21.3
2 11	9 35.08	+14 12.1	1.892	2.879	0.1	20.9
2 21	9 26.35	+15 2.1	1.912	2.885	4.2	21.3
3 2	9 18.57	+15 46.0	1.960	2.891	8.1	21.5
3 12	9 12.56	+16 20.3	2.034	2.897	11.6	21.8

207102 2005 AS_{20} 2 10.9 66.°27 0.°6/10.5 18

1 2	10 0.98	+11 20.8	1.494	2.276	18.6	20.3
1 12	9 58.23	+12 8.8	1.422	2.288	14.8	20.1
1 22	9 52.52	+13 15.4	1.370	2.301	10.3	19.9
2 1	9 44.44	+14 35.0	1.342	2.314	5.2	19.6
2 11	9 35.08	+15 59.0	1.341	2.327	0.7	19.3
2 21	9 25.76	+17 17.9	1.367	2.341	5.6	19.7
3 2	9 17.82	+18 24.1	1.421	2.354	10.4	20.0
3 12	9 12.29	+19 12.9	1.497	2.367	14.6	20.3

90231 2003 BJ_{25} 2 10.9 316.°50 4.°8/13.4 18

1 2	10 0.96	+ 4 36.8	1.632	2.383	18.5	19.2
1 12	9 58.27	+ 3 45.1	1.526	2.365	15.5	18.9
1 22	9 52.72	+ 3 8.1	1.440	2.347	11.9	18.7
2 1	9 44.69	+ 2 47.7	1.376	2.330	7.9	18.4
2 11	9 35.08	+ 2 43.6	1.338	2.313	4.9	18.2
2 21	9 25.10	+ 2 53.8	1.326	2.296	6.2	18.2
3 2	9 16.11	+ 3 13.7	1.340	2.280	10.3	18.4
3 12	9 9.34	+ 3 37.7	1.378	2.265	14.5	18.6

493347 2014 WO_3 2 10.9 168.°76 1.°9/ 9.3 18

1 2	10 2.27	+16 17.7	2.139	2.906	14.2	21.6
1 12	9 58.42	+17 9.2	2.049	2.910	11.2	21.4
1 22	9 52.24	+18 11.2	1.983	2.913	7.7	21.2
2 1	9 44.19	+19 18.6	1.944	2.915	4.0	20.9
2 11	9 35.08	+20 24.7	1.934	2.917	2.0	20.8
2 21	9 25.90	+21 23.3	1.954	2.919	5.2	21.0
3 2	9 17.66	+22 9.6	2.003	2.920	8.9	21.2
3 12	9 11.21	+22 41.1	2.077	2.920	12.3	21.4

453033 2007 RD_{310} 2 10.9 108.°64 2.°7/ 8.9 18

1 2	10 6.06	+17 49.6	1.839	2.613	15.9	21.3
1 12	10 1.63	+18 49.2	1.771	2.634	12.5	21.1
1 22	9 54.51	+19 58.6	1.725	2.655	8.6	20.9
2 1	9 45.33	+21 11.0	1.705	2.676	4.6	20.7
2 11	9 35.08	+22 18.3	1.715	2.695	2.9	20.6
2 21	9 24.97	+23 13.7	1.753	2.714	6.1	20.9
3 2	9 16.15	+23 52.8	1.820	2.733	9.9	21.1
3 12	9 9.53	+24 14.2	1.911	2.750	13.3	21.4

194119 2001 SN_{258} 2 10.9 130.°95 1.°3/12.1 18

1 2	10 0.82	+ 9 7.4	2.570	3.306	12.8	20.6
1 12	9 56.70	+ 9 4.6	2.477	3.313	10.4	20.4
1 22	9 50.71	+ 9 11.9	2.407	3.321	7.4	20.3
2 1	9 43.29	+ 9 27.7	2.364	3.328	4.2	20.1
2 11	9 35.10	+ 9 49.3	2.350	3.335	1.3	19.9
2 21	9 26.90	+10 13.5	2.367	3.341	3.4	20.0
3 2	9 19.46	+10 37.2	2.413	3.347	6.7	20.2
3 12	9 13.45	+10 57.3	2.487	3.354	9.7	20.4

140062 2001 SU_{103} 2 10.9 324.°61 0.°3/10.8 18

1 2	9 58.87	+13 20.6	2.110	2.877	14.3	19.8
1 12	9 55.78	+13 35.4	2.012	2.871	11.5	19.6
1 22	9 50.44	+14 0.9	1.937	2.864	8.0	19.4
2 1	9 43.29	+14 34.1	1.887	2.858	4.1	19.1
2 11	9 35.10	+15 10.5	1.865	2.852	0.3	18.8
2 21	9 26.80	+15 45.2	1.873	2.846	4.3	19.1
3 2	9 19.37	+16 14.1	1.909	2.841	8.3	19.3
3 12	9 13.65	+16 34.0	1.969	2.836	11.8	19.6

252963 2002 PS_{135} 2 10.9 189.°17 1.°5/ 9.7 18

	h m	° ′			°	m
1 2	10 4.62	+16 23.4	2.249	3.009	13.8	22.6
1 12	10 0.17	+16 57.9	2.153	3.008	10.9	22.4
1 22	9 53.41	+17 41.6	2.079	3.006	7.6	22.2
2 1	9 44.79	+18 29.9	2.033	3.004	3.9	22.0
2 11	9 35.11	+19 17.3	2.017	3.001	1.6	21.8
2 21	9 25.32	+19 58.7	2.031	2.998	4.8	22.0
3 2	9 16.44	+20 29.9	2.074	2.993	8.6	22.3
3 12	9 9.32	+20 48.8	2.144	2.988	11.9	22.5

42962 1999 TQ_{140} 2 10.9 175.°36 0.°8/10.3 18

1 2	10 4.86	+14 24.9	2.115	2.872	14.6	20.9
1 12	10 0.46	+14 51.2	2.022	2.875	11.6	20.7
1 22	9 53.65	+15 27.8	1.952	2.877	8.1	20.5
2 1	9 44.92	+16 11.0	1.908	2.879	4.1	20.3
2 11	9 35.11	+16 55.3	1.894	2.880	0.9	20.0
2 21	9 25.22	+17 35.5	1.909	2.880	4.6	20.3
3 2	9 16.32	+18 7.3	1.954	2.879	8.6	20.5
3 12	9 9.28	+18 28.1	2.025	2.878	12.1	20.8

140835 2001 UL_{184} 2 10.9 26.°21 1.°9/ 9.7 18

1 2	9 59.48	+15 25.8	1.551	2.344	17.5	20.0
1 12	9 57.03	+16 7.3	1.476	2.350	13.9	19.8
1 22	9 51.69	+17 2.5	1.421	2.356	9.6	19.6
2 1	9 44.04	+18 5.6	1.390	2.363	4.8	19.3
2 11	9 35.11	+19 8.6	1.386	2.371	2.0	19.1
2 21	9 26.19	+20 3.3	1.409	2.379	6.1	19.4
3 2	9 18.58	+20 44.0	1.458	2.387	10.6	19.7
3 12	9 13.30	+21 7.7	1.530	2.396	14.6	19.9

116182 2003 XQ_5 2 10.9 10.°59 4.°6/ 7.7 18

1 2	10 2.81	+25 3.4	1.876	2.667	15.0	19.3
1 12	9 59.28	+25 43.4	1.797	2.669	11.9	19.1
1 22	9 53.04	+26 26.6	1.740	2.670	8.5	18.9
2 1	9 44.65	+27 6.4	1.709	2.672	5.5	18.7
2 11	9 35.12	+27 35.4	1.705	2.675	4.8	18.7
2 21	9 25.63	+27 48.7	1.729	2.678	7.4	18.9
3 2	9 17.39	+27 43.8	1.779	2.681	10.8	19.1
3 12	9 11.32	+27 21.4	1.852	2.685	14.0	19.3

26342 1998 XM_{52} 2 10.9 162.°54 5.°4/ 5.4 18

1 2	10 5.73	+28 33.8	2.515	3.286	12.2	18.5
1 12	10 0.98	+29 58.6	2.437	3.294	9.8	18.4
1 22	9 53.92	+31 25.1	2.384	3.301	7.3	18.2
2 1	9 45.03	+32 45.9	2.360	3.307	5.6	18.1
2 11	9 35.12	+33 53.8	2.366	3.313	5.7	18.1
2 21	9 25.16	+34 43.4	2.402	3.317	7.6	18.3
3 2	9 16.13	+35 12.3	2.465	3.321	10.0	18.4
3 12	9 8.88	+35 20.9	2.552	3.324	12.3	18.6

508371 2016 EY_{215} 2 10.9 185.°84 4.°1/ 7.2 17

1 2	10 2.16	+25 11.7	2.410	3.188	12.5	20.9
1 12	9 58.16	+26 2.3	2.324	3.188	9.9	20.7
1 22	9 51.95	+26 55.9	2.262	3.188	7.1	20.5
2 1	9 44.02	+27 46.7	2.226	3.187	4.7	20.4
2 11	9 35.13	+28 28.6	2.221	3.187	4.3	20.3
2 21	9 26.21	+28 57.2	2.244	3.186	6.5	20.5
3 2	9 18.20	+29 9.7	2.295	3.185	9.3	20.6
3 12	9 11.89	+29 6.0	2.371	3.184	11.9	20.8

135475 2001 WQ_{33} 2 10.9 133.°68 0.°9/11.7 18

1 2	10 1.00	+ 9 2.2	2.030	2.781	15.3	20.5
1 12	9 57.45	+ 9 21.1	1.941	2.787	12.4	20.3
1 22	9 51.58	+ 9 54.4	1.873	2.793	8.8	20.1
2 1	9 43.87	+10 39.6	1.831	2.798	4.8	19.9
2 11	9 35.13	+11 31.9	1.818	2.803	1.0	19.6
2 21	9 26.35	+12 25.9	1.833	2.809	4.1	19.8
3 2	9 18.53	+13 16.1	1.878	2.813	8.2	20.1
3 12	9 12.50	+13 58.2	1.948	2.818	11.8	20.3

289813 2005 JQ_{171} 2 10.9 343.°67 1.°7/ 9.9 18

1 2	9 59.11	+15 25.5	1.369	2.172	18.9	20.8
1 12	9 57.30	+15 51.8	1.285	2.165	15.2	20.6
1 22	9 52.27	+16 32.9	1.221	2.158	10.6	20.3
2 1	9 44.51	+17 23.8	1.179	2.153	5.4	20.0
2 11	9 35.13	+18 16.2	1.162	2.148	1.8	19.7
2 21	9 25.60	+19 1.8	1.171	2.144	6.5	20.0
3 2	9 17.46	+19 33.9	1.205	2.140	11.7	20.3
3 12	9 11.96	+19 49.0	1.261	2.138	16.4	20.5

317113 2001 TQ_{222} 2 10.9 282.°53 5.°3/ 7.7 18

1 2	10 8.00	+26 55.5	1.815	2.601	15.6	20.4
1 12	10 3.69	+27 29.1	1.724	2.591	12.6	20.2
1 22	9 56.32	+28 4.5	1.656	2.582	9.2	20.0
2 1	9 46.44	+28 34.3	1.612	2.573	6.2	19.8
2 11	9 35.13	+28 50.6	1.596	2.563	5.5	19.7
2 21	9 23.76	+28 48.3	1.608	2.554	8.1	19.8
3 2	9 13.73	+28 25.3	1.646	2.545	11.7	20.0
3 12	9 6.18	+27 43.4	1.707	2.535	15.2	20.2

358511 2007 RB_{222} 2 10.9 189.°08 0.°1/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 4.66	+11 43.5	2.063	2.815	15.1	22.2
1 12	10 0.40	+12 4.5	1.966	2.814	12.1	21.9
1 22	9 53.69	+12 38.1	1.891	2.813	8.5	21.7
2 1	9 44.99	+13 21.2	1.841	2.811	4.4	21.5
2 11	9 35.14	+14 8.6	1.821	2.808	0.1	21.1
2 21	9 25.16	+14 55.0	1.831	2.805	4.4	21.4
3 2	9 16.13	+15 35.4	1.870	2.800	8.6	21.7
3 12	9 8.98	+16 6.3	1.935	2.796	12.3	21.9

46778 1998 HR_{51} 2 10.9 261.°34 2.°0/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.69	+15 21.5	1.487	2.275	18.4	18.8
1 12	10 0.88	+15 59.3	1.391	2.262	14.8	18.5
1 22	9 54.80	+16 52.9	1.315	2.249	10.3	18.2
2 1	9 45.87	+17 56.9	1.263	2.236	5.3	17.9
2 11	9 35.14	+19 2.8	1.238	2.223	2.1	17.6
2 21	9 24.05	+20 1.2	1.239	2.209	6.7	17.9
3 2	9 14.23	+20 44.9	1.267	2.195	11.9	18.1
3 12	9 7.03	+21 10.0	1.317	2.181	16.6	18.4

432500 2010 ED_{140} 2 10.9 355.°43 5.°6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.37	+28 21.2	1.984	2.774	14.3	21.0
1 12	9 59.68	+29 8.9	1.904	2.773	11.5	20.8
1 22	9 53.31	+29 57.4	1.846	2.771	8.5	20.6
2 1	9 44.80	+30 39.6	1.815	2.770	6.1	20.5
2 11	9 35.16	+31 8.1	1.810	2.770	5.9	20.5
2 21	9 25.54	+31 18.1	1.833	2.769	8.1	20.6
3 2	9 17.13	+31 7.6	1.882	2.769	11.1	20.8
3 12	9 10.87	+30 38.0	1.955	2.770	14.0	21.0

84853 2003 AE_{39} 2 10.9 17.°86 2.°7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 54.39	+14 37.9	1.684	2.479	16.3	18.1
1 12	9 52.80	+16 13.2	1.610	2.487	12.8	17.9
1 22	9 48.67	+18 5.1	1.558	2.496	8.7	17.6
2 1	9 42.49	+20 5.9	1.533	2.506	4.5	17.4
2 11	9 35.16	+22 4.8	1.536	2.517	3.0	17.3
2 21	9 27.80	+23 51.5	1.566	2.529	6.6	17.6
3 2	9 21.53	+25 18.4	1.624	2.541	10.6	17.9
3 12	9 17.28	+26 21.7	1.706	2.555	14.2	18.1

119973 2002 VK_{124} 2 10.9 334.°49 2.°5/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 58.22	+ 5 57.5	1.290	2.072	21.0	20.2
1 12	9 56.72	+ 6 5.8	1.205	2.066	17.3	19.9
1 22	9 51.97	+ 6 38.9	1.137	2.061	12.7	19.6
2 1	9 44.42	+ 7 35.8	1.090	2.056	7.4	19.3
2 11	9 35.16	+ 8 50.7	1.067	2.052	2.6	19.0
2 21	9 25.65	+10 14.5	1.070	2.048	5.7	19.2
3 2	9 17.50	+11 36.5	1.098	2.044	11.2	19.5
3 12	9 12.02	+12 47.5	1.148	2.042	16.3	19.7

82017 2000 SX_6 2 10.9 101.°90 8.°0/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.78	−15 28.8	2.669	3.270	15.1	19.6
1 12	9 53.59	−16 2.7	2.575	3.278	13.6	19.5
1 22	9 48.63	−16 15.5	2.498	3.287	11.8	19.4
2 1	9 42.28	−16 4.8	2.442	3.295	10.0	19.3
2 11	9 35.17	−15 29.8	2.411	3.303	8.6	19.2
2 21	9 28.00	−14 32.4	2.405	3.311	8.0	19.2
3 2	9 21.51	−13 16.9	2.427	3.319	8.7	19.2
3 12	9 16.33	−11 49.6	2.474	3.327	10.2	19.3

57620 2001 TV_{147} 2 10.9 210.°27 2.°3/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 59.19	+ 4 37.0	1.994	2.733	16.0	19.8
1 12	9 56.15	+ 4 57.0	1.896	2.731	13.1	19.6
1 22	9 50.79	+ 5 35.5	1.818	2.729	9.6	19.4
2 1	9 43.54	+ 6 31.2	1.766	2.726	5.7	19.2
2 11	9 35.17	+ 7 39.7	1.741	2.723	2.4	18.9
2 21	9 26.65	+ 8 55.1	1.745	2.721	4.3	19.1
3 2	9 19.01	+10 10.3	1.778	2.718	8.3	19.3
3 12	9 13.13	+11 19.3	1.837	2.714	12.0	19.5

383628 2007 RF_{67} 2 10.9 94.°54 0.°1/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.16	+11 50.9	2.416	3.165	13.2	22.3
1 12	9 57.04	+12 10.3	2.338	3.185	10.5	22.1
1 22	9 50.97	+12 39.7	2.283	3.204	7.3	22.0
2 1	9 43.44	+13 16.0	2.255	3.224	3.8	21.8
2 11	9 35.18	+13 55.3	2.256	3.243	0.1	21.5
2 21	9 26.98	+14 33.3	2.288	3.262	3.6	21.8
3 2	9 19.67	+15 6.3	2.350	3.280	7.1	22.1
3 12	9 13.89	+15 31.9	2.438	3.299	10.1	22.3

280814 2005 UZ_8 2 10.9 115.°94 4.°3/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 10.12	+22 4.9	1.716	2.495	16.7	21.4
1 12	10 5.12	+23 8.0	1.650	2.516	13.2	21.3
1 22	9 57.10	+24 17.9	1.607	2.536	9.2	21.1
2 1	9 46.73	+25 25.9	1.590	2.556	5.5	20.9
2 11	9 35.17	+26 23.1	1.602	2.575	4.6	20.9
2 21	9 23.82	+27 2.6	1.642	2.593	7.5	21.1
3 2	9 14.01	+27 21.5	1.709	2.611	11.2	21.3
3 12	9 6.72	+27 20.4	1.800	2.627	14.5	21.6

326449 2001 VP_{89} 2 10.9 169.°89 4.°9/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.23	− 1 58.5	2.417	3.102	14.8	21.0
1 12	9 58.02	− 2 23.9	2.317	3.106	12.6	20.8
1 22	9 51.78	− 2 33.1	2.238	3.110	9.9	20.7
2 1	9 43.94	− 2 25.1	2.183	3.113	7.2	20.5
2 11	9 35.18	− 2 0.8	2.156	3.115	5.1	20.4
2 21	9 26.32	− 1 22.8	2.158	3.117	5.4	20.4
3 2	9 18.22	− 0 35.5	2.189	3.118	7.6	20.5
3 12	9 11.63	+ 0 15.8	2.248	3.118	10.4	20.7

261895 2006 HM_{51} 2 10.9 260.°78 3.°6/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 1.96	+ 4 27.4	1.725	2.469	17.9	20.9
1 12	9 58.88	+ 4 11.3	1.622	2.458	14.9	20.6
1 22	9 53.03	+ 4 13.2	1.538	2.446	11.2	20.4
2 1	9 44.84	+ 4 33.5	1.477	2.434	7.1	20.1
2 11	9 35.19	+ 5 9.8	1.443	2.422	3.7	19.9
2 21	9 25.22	+ 5 57.3	1.436	2.410	5.3	19.9
3 2	9 16.25	+ 6 49.8	1.457	2.397	9.6	20.1
3 12	9 9.38	+ 7 40.5	1.502	2.385	13.8	20.4

164865 1999 TA_{273} 2 10.9 151.°63 15.°8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.09	−20 39.7	1.476	2.094	25.1	20.0
1 12	10 0.40	−22 24.9	1.398	2.098	23.2	19.8
1 22	9 54.46	−23 37.0	1.331	2.103	21.0	19.7
2 1	9 45.70	−24 6.4	1.278	2.107	18.7	19.5
2 11	9 35.19	−23 46.2	1.244	2.110	16.8	19.4
2 21	9 24.38	−22 35.6	1.230	2.113	15.8	19.3
3 2	9 14.87	−20 41.1	1.237	2.116	16.3	19.4
3 12	9 8.00	−18 16.3	1.265	2.118	17.9	19.5

85346 1995 SE_{71} 2 10.9 353.°98 5.°8/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 56.77	− 3 7.6	2.090	2.793	16.4	19.4
1 12	9 54.10	− 3 38.4	1.993	2.791	14.0	19.2
1 22	9 49.29	− 3 50.2	1.915	2.789	11.2	19.0
2 1	9 42.75	− 3 41.2	1.859	2.787	8.3	18.8
2 11	9 35.19	− 3 12.0	1.830	2.786	6.1	18.7
2 21	9 27.51	− 2 25.7	1.827	2.786	6.2	18.7
3 2	9 20.64	− 1 27.4	1.853	2.785	8.5	18.8
3 12	9 15.39	− 0 23.7	1.903	2.785	11.4	19.0

426328 2012 UP_{139} 2 10.9 254.°58 0.°5/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 2.30	+15 2.9	2.444	3.200	12.9	21.1
1 12	9 58.18	+15 7.3	2.338	3.189	10.3	20.9
1 22	9 51.97	+15 19.1	2.254	3.179	7.2	20.7
2 1	9 44.07	+15 35.5	2.197	3.168	3.7	20.5
2 11	9 35.21	+15 53.0	2.170	3.157	0.5	20.2
2 21	9 26.21	+16 8.2	2.174	3.145	4.0	20.4
3 2	9 17.99	+16 17.9	2.206	3.134	7.6	20.6
3 12	9 11.32	+16 20.3	2.266	3.123	10.8	20.8

366734 2004 CQ_{24} 2 10.9 37.°92 3.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.96	+19 5.0	1.385	2.191	18.6	20.6
1 12	9 58.56	+20 6.6	1.322	2.203	14.6	20.3
1 22	9 52.93	+21 20.0	1.278	2.217	10.1	20.1
2 1	9 44.74	+22 36.5	1.259	2.230	5.6	19.9
2 11	9 35.20	+23 45.6	1.265	2.245	4.1	19.8
2 21	9 25.80	+24 38.6	1.298	2.259	7.7	20.1
3 2	9 17.99	+25 10.3	1.355	2.275	12.1	20.4
3 12	9 12.82	+25 19.8	1.435	2.291	16.0	20.7

431394 2007 FS_{35} 2 10.9 237.°85 0.°1/11.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 10.24	+10 55.9	1.795	2.543	17.2	23.7
1 12	10 5.70	+11 20.3	1.676	2.521	14.0	23.4
1 22	9 58.04	+12 1.4	1.578	2.498	10.1	23.1
2 1	9 47.58	+12 56.3	1.505	2.474	5.3	22.8
2 11	9 35.21	+13 59.3	1.460	2.447	0.1	22.3
2 21	9 22.22	+15 2.7	1.446	2.419	5.4	22.7
3 2	9 10.11	+15 59.2	1.461	2.390	10.6	22.9
3 12	9 0.27	+16 43.5	1.501	2.358	15.3	23.1

424341 2007 UD_{131} 2 10.9 192.°56 4.°1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 0.87	+25 11.8	2.546	3.323	11.9	21.3
1 12	9 57.06	+26 9.2	2.459	3.323	9.4	21.1
1 22	9 51.17	+27 9.8	2.396	3.322	6.8	20.9
2 1	9 43.65	+28 7.9	2.360	3.320	4.6	20.8
2 11	9 35.21	+28 57.6	2.355	3.319	4.3	20.7
2 21	9 26.72	+29 34.2	2.378	3.317	6.3	20.9
3 2	9 19.06	+29 55.0	2.430	3.315	9.0	21.0
3 12	9 12.97	+29 59.6	2.506	3.313	11.5	21.2

311951 2007 DY_6 2 10.9 200.°87 4.°4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	10 3.05	+11 28.3	1.249	2.042	21.0	20.1
1 12	10 1.07	+14 8.3	1.164	2.040	16.7	19.8
1 22	9 55.42	+17 24.9	1.100	2.038	11.4	19.5
2 1	9 46.43	+21 5.5	1.063	2.035	6.1	19.2
2 11	9 35.21	+24 48.6	1.054	2.032	5.1	19.1
2 21	9 23.45	+28 10.5	1.074	2.028	10.0	19.3
3 2	9 13.11	+30 53.8	1.120	2.024	15.5	19.6
3 12	9 5.85	+32 51.9	1.188	2.019	20.2	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
469584	2003 YW_{179}		2 10.9	18.°47	0.°0/10.4	15
	h m	° ′			°	m
1 2	9 38.54	+15 51.6	35.390	36.139	1.0	22.5
1 12	9 37.84	+15 55.5	35.290	36.140	0.8	22.5
1 22	9 37.03	+15 59.8	35.217	36.142	0.5	22.4
2 1	9 36.15	+16 4.3	35.173	36.144	0.3	22.4
2 11	9 35.24	+16 8.9	35.159	36.145	0.0	22.3
2 21	9 34.32	+16 13.4	35.176	36.147	0.3	22.4
3 2	9 33.44	+16 17.7	35.223	36.149	0.6	22.4
3 12	9 32.63	+16 21.5	35.299	36.150	0.8	22.5
325292	2008 HO_{15}		2 10.9	252.°61	0.°1/11.1	17
1 2	10 0.84	+10 51.1	2.209	2.961	14.2	22.2
1 12	9 57.40	+11 21.9	2.095	2.944	11.5	22.0
1 22	9 51.68	+12 6.6	2.003	2.925	8.1	21.7
2 1	9 44.06	+13 2.2	1.937	2.906	4.2	21.4
2 11	9 35.23	+14 4.1	1.900	2.887	0.1	21.0
2 21	9 26.11	+15 6.5	1.894	2.867	4.3	21.4
3 2	9 17.72	+16 3.5	1.916	2.847	8.4	21.6
3 12	9 10.96	+16 50.9	1.965	2.826	12.1	21.8
495536	2014 WK_{82}		2 10.9	182.°39	2.°8/ 8.6	18
1 2	10 3.29	+19 6.1	2.108	2.881	14.2	22.0
1 12	9 59.36	+19 58.9	2.018	2.882	11.2	21.8
1 22	9 52.99	+21 0.3	1.952	2.882	7.8	21.6
2 1	9 44.67	+22 4.6	1.912	2.882	4.3	21.4
2 11	9 35.23	+23 4.8	1.902	2.881	3.0	21.3
2 21	9 25.70	+23 54.7	1.921	2.880	5.9	21.5
3 2	9 17.15	+24 30.1	1.968	2.878	9.5	21.7
3 12	9 10.48	+24 49.3	2.041	2.876	12.7	21.9
136123	2003 QK_{40}		2 10.9	158.°12	0.°4/10.7	18
1 2	10 5.08	+13 0.9	1.987	2.744	15.4	21.4
1 12	10 0.77	+13 23.3	1.899	2.751	12.3	21.2
1 22	9 53.96	+13 57.6	1.832	2.757	8.6	21.0
2 1	9 45.15	+14 40.0	1.792	2.762	4.4	20.8
2 11	9 35.23	+15 25.1	1.780	2.767	0.4	20.4
2 21	9 25.27	+16 7.4	1.798	2.771	4.6	20.8
3 2	9 16.38	+16 42.1	1.845	2.774	8.8	21.0
3 12	9 9.46	+17 6.4	1.918	2.777	12.4	21.3
468529	2005 YN_{192}		2 10.9	353.°14	0.°4/11.2	18
1 2	10 0.71	+12 28.9	1.723	2.498	16.8	21.4
1 12	9 57.76	+12 27.5	1.634	2.496	13.5	21.1
1 22	9 52.12	+12 38.3	1.565	2.493	9.5	20.9
2 1	9 44.30	+12 58.8	1.521	2.491	5.0	20.6
2 11	9 35.24	+13 24.3	1.503	2.490	0.4	20.2
2 21	9 26.09	+13 49.9	1.514	2.489	4.8	20.6
3 2	9 18.07	+14 10.7	1.551	2.489	9.4	20.9
3 12	9 12.17	+14 23.4	1.612	2.489	13.4	21.1
182144	2000 SN_{47}		2 10.9	168.°01	4.°6/15.4	18
1 2	10 0.34	− 2 58.8	2.534	3.214	14.3	20.7
1 12	9 56.45	− 3 6.0	2.433	3.219	12.1	20.5
1 22	9 50.66	− 2 55.8	2.353	3.223	9.6	20.3
2 1	9 43.37	− 2 27.8	2.297	3.226	6.9	20.2
2 11	9 35.24	− 1 43.5	2.269	3.229	4.9	20.0
2 21	9 27.02	− 0 46.2	2.271	3.231	5.0	20.0
3 2	9 19.50	+ 0 19.2	2.303	3.233	7.2	20.2
3 12	9 13.38	+ 1 27.2	2.362	3.234	9.9	20.4
210299	2007 TE_{109}		2 10.9	226.°70	1.°4/11.9	18
1 2	10 4.38	+ 8 39.6	1.985	2.729	15.9	21.4
1 12	10 0.41	+ 8 43.9	1.877	2.718	13.0	21.2
1 22	9 53.89	+ 9 2.5	1.791	2.707	9.4	20.9
2 1	9 45.22	+ 9 33.9	1.730	2.695	5.2	20.7
2 11	9 35.24	+10 14.1	1.698	2.683	1.5	20.4
2 21	9 24.99	+10 58.3	1.695	2.669	4.4	20.6
3 2	9 15.64	+11 40.9	1.720	2.656	8.8	20.8
3 12	9 8.20	+12 17.4	1.772	2.641	12.8	21.0
55420	2001 TV_{20}		2 10.9	87.°43	9.°0/19.9	18
1 2	9 59.28	−15 23.9	2.553	3.152	15.8	18.5
1 12	9 55.68	−16 30.4	2.462	3.161	14.2	18.4
1 22	9 50.17	−17 16.9	2.388	3.170	12.5	18.2
2 1	9 43.14	−17 39.9	2.336	3.178	10.8	18.1
2 11	9 35.24	−17 37.7	2.307	3.187	9.4	18.1
2 21	9 27.25	−17 11.0	2.303	3.196	9.0	18.0
3 2	9 19.97	−16 23.3	2.326	3.204	9.6	18.1
3 12	9 14.12	−15 20.2	2.373	3.213	11.0	18.2
426436	2013 QN_{36}		2 10.9	114.°77	0.°7/10.4	18
1 2	10 3.68	+14 45.3	2.276	3.032	13.7	22.4
1 12	9 59.21	+15 5.5	2.195	3.048	10.9	22.2
1 22	9 52.60	+15 34.3	2.137	3.063	7.5	22.0
2 1	9 44.34	+16 8.1	2.107	3.078	3.8	21.8
2 11	9 35.25	+16 42.5	2.106	3.092	0.8	21.6
2 21	9 26.22	+17 13.0	2.136	3.106	4.2	21.9
3 2	9 18.16	+17 36.2	2.194	3.120	7.8	22.1
3 12	9 11.81	+17 50.1	2.279	3.133	10.9	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
219827	2002 CQ_{35}		2 11.0	20.°17	1.°7/12.0	18
	h m	° ′			°	m
1 12	9 57.72	+ 9 13.3	1.553	2.409	14.4	19.9
1 22	9 52.11	+ 9 17.9	1.490	2.413	10.3	19.6
2 1	9 44.29	+ 9 35.7	1.450	2.417	5.8	19.4
2 11	9 35.25	+10 2.8	1.437	2.422	1.8	19.1
2 21	9 26.18	+10 34.0	1.451	2.428	4.8	19.3
3 2	9 18.31	+11 3.9	1.492	2.434	9.3	19.6
3 12	9 12.63	+11 28.0	1.557	2.440	13.4	19.9
3 22	9 9.67	+11 43.4	1.643	2.447	16.9	20.1
46615	1993 TT_{32}		2 11.0	176.°44	1.°3/ 9.9	18
1 12	9 56.58	+16 0.6	2.145	3.005	10.8	19.7
1 22	9 50.94	+16 46.8	2.076	3.005	7.5	19.5
2 1	9 43.58	+17 38.6	2.034	3.006	3.8	19.3
2 11	9 35.25	+18 30.8	2.021	3.006	1.4	19.1
2 21	9 26.85	+19 17.9	2.038	3.006	4.6	19.3
3 2	9 19.32	+19 55.7	2.083	3.006	8.3	19.6
3 12	9 13.43	+20 21.6	2.154	3.006	11.5	19.8
3 22	9 9.69	+20 34.9	2.246	3.006	14.3	20.0
467349	2003 HR_{52}		2 11.0	293.°29	6.°9/ 5.5	16
1 12	10 0.72	+30 30.6	1.758	2.627	12.3	20.9
1 22	9 54.49	+31 46.4	1.686	2.608	9.4	20.6
2 1	9 45.68	+32 56.5	1.638	2.589	7.2	20.5
2 11	9 35.27	+33 50.9	1.618	2.569	7.4	20.4
2 21	9 24.58	+34 22.4	1.624	2.550	9.8	20.5
3 2	9 15.07	+34 27.3	1.656	2.531	13.1	20.7
3 12	9 7.93	+34 6.6	1.709	2.511	16.2	20.8
3 22	9 3.85	+33 24.3	1.779	2.492	19.0	21.0
413942	2006 YW_{21}		2 11.0	71.°39	3.°7/ 8.3	18
1 12	9 59.80	+21 1.9	1.619	2.492	13.0	20.8
1 22	9 53.46	+22 12.6	1.576	2.510	9.0	20.6
2 1	9 44.92	+23 24.3	1.559	2.528	5.1	20.4
2 11	9 35.27	+24 28.2	1.569	2.547	3.9	20.4
2 21	9 25.76	+25 17.3	1.607	2.565	7.0	20.6
3 2	9 17.63	+25 47.5	1.672	2.583	10.8	20.9
3 12	9 11.80	+25 58.2	1.760	2.601	14.2	21.1
3 22	9 8.74	+25 51.3	1.867	2.619	17.0	21.3
519860	2013 NW_{28}		2 11.0	146.°52	1.°0/10.1	18
1 12	9 57.90	+14 42.9	2.206	3.060	10.8	22.0
1 22	9 51.78	+15 35.8	2.142	3.068	7.4	21.8
2 1	9 43.99	+16 35.2	2.106	3.077	3.7	21.6
2 11	9 35.28	+17 35.5	2.099	3.085	1.0	21.4
2 21	9 26.54	+18 31.2	2.123	3.092	4.4	21.7
3 2	9 18.69	+19 17.8	2.176	3.099	8.0	21.9
3 12	9 12.48	+19 52.6	2.255	3.105	11.2	22.1
3 22	9 8.38	+20 14.6	2.357	3.111	13.8	22.3
344569	2002 XL_{116}		2 11.0	0.°60	2.°9/ 8.7	17
1 12	9 56.37	+21 2.6	1.976	2.846	11.1	20.2
1 22	9 50.93	+21 44.5	1.913	2.845	7.7	20.0
2 1	9 43.62	+22 27.6	1.875	2.845	4.3	19.8
2 11	9 35.28	+23 6.1	1.866	2.845	3.0	19.7
2 21	9 26.91	+23 34.7	1.885	2.845	5.8	19.9
3 2	9 19.53	+23 50.0	1.931	2.846	9.3	20.1
3 12	9 13.98	+23 50.8	2.002	2.847	12.6	20.3
3 22	9 10.76	+23 37.9	2.093	2.849	15.3	20.5
212064	2005 EZ_{35}		2 11.0	297.°59	3.°0/12.7	17
1 12	9 58.73	+ 5 53.5	1.563	2.407	15.0	20.3
1 22	9 53.31	+ 5 59.7	1.457	2.372	11.2	20.0
2 1	9 45.24	+ 6 24.1	1.375	2.336	6.9	19.6
2 11	9 35.28	+ 7 4.6	1.318	2.300	3.1	19.3
2 21	9 24.62	+ 7 56.4	1.289	2.264	5.5	19.4
3 2	9 14.69	+ 8 52.6	1.286	2.228	10.5	19.6
3 12	9 6.86	+ 9 46.1	1.307	2.191	15.4	19.7
3 22	9 2.06	+10 31.2	1.348	2.155	19.8	19.9
29245	1992 PZ		2 11.0	138.°82	0.°8/11.7	18
1 12	9 58.56	+10 0.6	2.008	2.852	12.1	19.4
1 22	9 52.33	+10 26.4	1.941	2.860	8.6	19.2
2 1	9 44.30	+11 2.6	1.900	2.868	4.6	19.0
2 11	9 35.29	+11 44.9	1.889	2.875	0.9	18.7
2 21	9 26.25	+12 28.5	1.907	2.882	4.0	19.0
3 2	9 18.17	+13 8.5	1.954	2.888	8.0	19.2
3 12	9 11.86	+13 41.2	2.026	2.894	11.5	19.4
3 22	9 7.83	+14 4.6	2.121	2.900	14.4	19.7
110012	2001 SL_{68}		2 11.0	38.°29	4.°5/ 8.0	18
1 12	9 58.94	+22 25.6	1.377	2.259	14.2	18.3
1 22	9 53.13	+23 33.2	1.337	2.274	9.9	18.1
2 1	9 44.83	+24 40.3	1.322	2.291	5.8	17.9
2 11	9 35.28	+25 37.1	1.332	2.308	4.8	17.8
2 21	9 25.93	+26 16.1	1.369	2.326	8.0	18.1
3 2	9 18.17	+26 33.5	1.431	2.345	12.0	18.4
3 12	9 13.01	+26 29.5	1.514	2.363	15.7	18.6
3 22	9 10.89	+26 7.0	1.616	2.383	18.6	18.9