2020	α_{2000}	δ_{2000}	Δ	r	β	V
50440	2000 DD_{29}		11 15.9	87.°63	1.°8/17.0	18
	h m	° ′			°	m
10 8	3 54.98	+24 46.8	1.892	2.674	15.9	19.3
10 18	3 50.53	+24 49.9	1.815	2.684	12.7	19.1
10 28	3 43.48	+24 41.9	1.760	2.693	8.9	18.9
11 7	3 34.51	+24 22.5	1.729	2.703	4.9	18.7
11 17	3 24.64	+23 52.8	1.726	2.712	1.8	18.5
11 27	3 15.07	+23 16.4	1.752	2.722	4.8	18.7
12 7	3 6.93	+22 38.5	1.806	2.731	8.7	19.0
12 17	3 1.01	+22 4.0	1.885	2.740	12.3	19.2
385154	2013 TR_{89}		11 15.9	34.°80	0.°5/16.2	18
10 8	3 53.70	+21 57.7	1.180	2.006	21.0	20.9
10 18	3 50.79	+21 41.7	1.120	2.016	16.7	20.7
10 28	3 44.26	+21 11.5	1.078	2.026	11.5	20.4
11 7	3 35.04	+20 28.6	1.057	2.037	5.6	20.1
11 17	3 24.59	+19 37.0	1.061	2.049	0.7	19.8
11 27	3 14.69	+18 44.0	1.090	2.062	6.5	20.3
12 7	3 6.92	+17 57.5	1.143	2.075	11.9	20.6
12 17	3 2.24	+17 23.6	1.218	2.088	16.5	20.9
397375	2006 UL_{328}		11 15.9	63.°73	0.°7/16.5	18
10 8	3 53.70	+24 12.2	1.801	2.591	16.3	20.6
10 18	3 49.39	+23 36.3	1.738	2.613	12.8	20.4
10 28	3 42.55	+22 47.3	1.695	2.634	8.8	20.2
11 7	3 33.98	+21 47.4	1.678	2.656	4.4	20.0
11 17	3 24.72	+20 40.1	1.689	2.677	0.8	19.8
11 27	3 15.96	+19 31.4	1.729	2.699	4.8	20.2
12 7	3 8.72	+18 27.6	1.797	2.721	8.9	20.4
12 17	3 3.68	+17 33.9	1.890	2.742	12.4	20.7
11238	Johanmaurits		11 15.9	179.°22	2.°5/17.2	18
10 8	3 58.75	+25 21.9	1.580	2.368	18.3	18.6
10 18	3 54.23	+25 34.8	1.498	2.369	14.8	18.4
10 28	3 46.45	+25 35.1	1.435	2.369	10.6	18.1
11 7	3 36.13	+25 21.0	1.396	2.369	5.9	17.9
11 17	3 24.47	+24 52.9	1.384	2.369	2.5	17.7
11 27	3 13.06	+24 14.5	1.399	2.369	5.7	17.9
12 7	3 3.39	+23 32.1	1.441	2.368	10.4	18.1
12 17	2 56.50	+22 52.9	1.508	2.367	14.6	18.4
268191	2005 AQ_{7}		11 15.9	275.°62	3.°7/13.7	17
10 8	3 50.53	+ 8 11.1	2.406	3.204	12.4	20.7
10 18	3 46.45	+ 7 43.5	2.312	3.192	9.9	20.5
10 28	3 40.45	+ 7 16.0	2.241	3.180	7.0	20.3
11 7	3 33.02	+ 6 51.9	2.197	3.167	4.4	20.1
11 17	3 24.83	+ 6 34.0	2.182	3.155	3.9	20.0
11 27	3 16.70	+ 6 25.6	2.196	3.142	6.1	20.2
12 7	3 9.47	+ 6 28.6	2.238	3.130	9.1	20.3
12 17	3 3.77	+ 6 43.7	2.305	3.117	11.9	20.5
427918	2005 UF_{393}		11 15.9	130.°49	0.°5/15.8	18
10 8	3 58.39	+18 41.7	1.888	2.676	15.7	22.0
10 18	3 53.01	+18 30.9	1.814	2.690	12.4	21.8
10 28	3 45.05	+18 13.1	1.763	2.703	8.4	21.6
11 7	3 35.25	+17 49.4	1.737	2.716	4.0	21.3
11 17	3 24.59	+17 22.1	1.740	2.728	0.7	21.1
11 27	3 14.29	+16 54.9	1.773	2.740	5.1	21.5
12 7	3 5.44	+16 31.9	1.834	2.751	9.2	21.7
12 17	2 58.82	+16 16.7	1.920	2.761	12.7	22.0
477369	2009 UP_{113}		11 15.9	324.°69	0.°2/15.9	18
10 8	3 52.23	+18 54.0	1.293	2.120	19.5	21.1
10 18	3 49.77	+18 56.4	1.208	2.105	15.6	20.8
10 28	3 43.82	+18 50.1	1.142	2.092	10.8	20.5
11 7	3 35.03	+18 36.0	1.097	2.078	5.3	20.1
11 17	3 24.59	+18 16.1	1.078	2.066	0.7	19.8
11 27	3 14.18	+17 54.8	1.083	2.055	6.7	20.1
12 7	3 5.51	+17 38.0	1.113	2.044	12.3	20.4
12 17	2 59.80	+17 30.7	1.164	2.034	17.2	20.7
477838	2011 FR_{36}		11 15.9	263.°54	0.°2/16.1	18
10 8	3 56.51	+19 23.6	1.647	2.447	17.1	21.4
10 18	3 52.37	+19 29.2	1.554	2.436	13.7	21.2
10 28	3 45.18	+19 27.5	1.482	2.424	9.5	20.9
11 7	3 35.56	+19 18.7	1.433	2.413	4.7	20.6
11 17	3 24.54	+19 3.9	1.412	2.401	0.5	20.3
11 27	3 13.56	+18 46.4	1.419	2.389	5.7	20.6
12 7	3 4.03	+18 30.8	1.453	2.376	10.6	20.9
12 17	2 57.02	+18 21.4	1.510	2.364	14.9	21.1
266528	2008 FQ_{26}		11 15.9	161.°26	0.°5/16.3	18
10 8	3 57.77	+21 41.7	1.881	2.665	15.9	22.1
10 18	3 52.71	+21 30.8	1.799	2.671	12.6	21.9
10 28	3 44.98	+21 10.1	1.738	2.676	8.7	21.6
11 7	3 35.27	+20 40.2	1.703	2.680	4.3	21.4
11 17	3 24.60	+20 3.2	1.696	2.684	0.6	21.1
11 27	3 14.20	+19 23.2	1.719	2.688	5.0	21.4
12 7	3 5.24	+18 45.3	1.770	2.690	9.2	21.7
12 17	2 58.55	+18 14.1	1.846	2.692	12.9	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
273486	2006 YE_{51}		11 16.0	247.°07	0.°9/15.5	18
	h m	° ′			°	m
10 8	3 55.65	+17 49.5	1.754	2.554	16.3	21.8
10 18	3 51.41	+17 34.4	1.661	2.544	12.9	21.6
10 28	3 44.36	+17 12.0	1.588	2.532	8.9	21.3
11 7	3 35.10	+16 43.7	1.541	2.521	4.3	21.0
11 17	3 24.61	+16 12.0	1.521	2.509	1.2	20.8
11 27	3 14.21	+15 41.3	1.529	2.496	5.8	21.1
12 7	3 5.15	+15 16.3	1.565	2.484	10.4	21.3
12 17	2 58.42	+15 1.1	1.625	2.471	14.4	21.5
62968	2000 VD_{48}		11 16.0	70.°63	1.°1/16.8	18
10 8	3 52.54	+24 57.1	2.020	2.802	15.0	19.1
10 18	3 48.33	+24 27.4	1.947	2.817	11.9	18.9
10 28	3 41.80	+23 45.4	1.897	2.832	8.3	18.7
11 7	3 33.65	+22 52.4	1.872	2.848	4.3	18.5
11 17	3 24.81	+21 51.2	1.875	2.863	1.1	18.3
11 27	3 16.35	+20 47.0	1.908	2.878	4.4	18.6
12 7	3 9.21	+19 45.3	1.969	2.893	8.2	18.9
12 17	3 4.08	+18 51.3	2.057	2.909	11.6	19.1
291019	2005 YD_{15}		11 16.0	337.°94	4.°6/18.8	17
10 8	3 51.36	+32 2.5	1.870	2.638	16.5	20.5
10 18	3 48.16	+32 17.8	1.778	2.630	13.7	20.2
10 28	3 42.18	+32 17.0	1.706	2.622	10.4	20.0
11 7	3 34.05	+31 57.9	1.657	2.615	7.0	19.8
11 17	3 24.75	+31 20.1	1.634	2.608	4.7	19.7
11 27	3 15.61	+30 26.5	1.639	2.602	5.9	19.7
12 7	3 7.87	+29 23.4	1.670	2.597	9.2	19.9
12 17	3 2.47	+28 18.2	1.727	2.592	12.7	20.1
351416	2005 GZ_{23}		11 16.0	336.°32	0.°5/16.3	18
10 8	3 52.29	+21 1.8	1.594	2.402	17.3	21.0
10 18	3 49.04	+20 58.6	1.509	2.395	13.8	20.8
10 28	3 42.85	+20 45.7	1.445	2.390	9.5	20.5
11 7	3 34.39	+20 23.4	1.405	2.384	4.8	20.2
11 17	3 24.72	+19 54.0	1.391	2.379	0.6	19.9
11 27	3 15.20	+19 21.4	1.404	2.375	5.5	20.3
12 7	3 7.18	+18 51.3	1.443	2.371	10.3	20.5
12 17	3 1.63	+18 28.5	1.506	2.367	14.5	20.8
11815	Viikinkoski		11 16.0	64.°26	2.°3/17.2	18
10 8	3 56.42	+25 33.8	1.613	2.403	17.9	18.8
10 18	3 52.02	+25 39.7	1.549	2.421	14.3	18.6
10 28	3 44.64	+25 32.4	1.504	2.439	10.1	18.4
11 7	3 35.12	+25 11.3	1.484	2.457	5.6	18.2
11 17	3 24.65	+24 37.9	1.490	2.475	2.3	18.0
11 27	3 14.67	+23 56.6	1.523	2.494	5.3	18.2
12 7	3 6.42	+23 13.4	1.584	2.512	9.5	18.5
12 17	3 0.75	+22 34.6	1.669	2.530	13.3	18.8
514046	2014 ML_{63}		11 16.0	150.°98	3.°4/13.5	18
10 8	3 52.83	+ 9 55.8	2.492	3.282	12.3	23.0
10 18	3 47.97	+ 9 7.7	2.415	3.292	9.6	22.8
10 28	3 41.30	+ 8 18.2	2.363	3.301	6.7	22.7
11 7	3 33.36	+ 7 30.7	2.339	3.310	4.1	22.5
11 17	3 24.85	+ 6 48.7	2.344	3.317	3.6	22.5
11 27	3 16.58	+ 6 15.9	2.380	3.325	5.8	22.7
12 7	3 9.27	+ 5 54.8	2.444	3.331	8.6	22.8
12 17	3 3.52	+ 5 46.6	2.534	3.337	11.2	23.0
46596	Tobata		11 16.0	303.°16	5.°0/13.9	18
10 8	3 53.38	+ 9 26.5	1.406	2.232	18.2	18.2
10 18	3 50.21	+ 8 50.8	1.321	2.217	14.6	18.0
10 28	3 43.87	+ 8 13.6	1.255	2.201	10.4	17.7
11 7	3 34.98	+ 7 39.9	1.212	2.186	6.3	17.4
11 17	3 24.65	+ 7 15.6	1.194	2.171	5.3	17.3
11 27	3 14.36	+ 7 6.1	1.202	2.157	8.9	17.5
12 7	3 5.61	+ 7 15.0	1.234	2.143	13.5	17.7
12 17	2 59.51	+ 7 43.1	1.288	2.129	17.8	17.9
314415	2005 UL_{347}		11 16.0	77.°72	0.°8/15.5	18
10 8	3 51.54	+19 8.3	2.024	2.821	14.5	21.2
10 18	3 47.54	+18 33.0	1.946	2.827	11.4	21.0
10 28	3 41.31	+17 49.2	1.890	2.833	7.7	20.8
11 7	3 33.45	+16 59.5	1.860	2.840	3.7	20.6
11 17	3 24.84	+16 7.1	1.858	2.846	1.1	20.4
11 27	3 16.51	+15 16.9	1.886	2.852	4.9	20.7
12 7	3 9.39	+14 33.5	1.942	2.859	8.8	20.9
12 17	3 4.18	+14 0.6	2.023	2.865	12.1	21.1
515524	2014 FL_{35}		11 16.0	206.°15	3.°3/17.9	18
10 8	3 58.75	+28 36.2	2.433	3.179	13.7	22.4
10 18	3 53.23	+29 5.0	2.331	3.173	11.2	22.2
10 28	3 45.29	+29 24.0	2.252	3.167	8.3	22.0
11 7	3 35.48	+29 31.0	2.198	3.159	5.3	21.8
11 17	3 24.63	+29 25.0	2.174	3.152	3.3	21.7
11 27	3 13.81	+29 7.3	2.181	3.143	4.8	21.8
12 7	3 4.09	+28 41.5	2.217	3.134	7.8	22.0
12 17	2 56.30	+28 12.1	2.280	3.124	10.9	22.1

137217 Racah 11 16.0 30.°65 2.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.92	+18 36.8	1.190	2.024	20.4	19.1
10 18	3 49.26	+17 40.3	1.129	2.031	16.0	18.9
10 28	3 43.15	+16 30.6	1.086	2.039	10.9	18.6
11 7	3 34.53	+15 12.8	1.066	2.048	5.3	18.3
11 17	3 24.75	+13 54.4	1.071	2.057	2.5	18.2
11 27	3 15.51	+12 44.4	1.101	2.067	7.5	18.5
12 7	3 8.26	+11 50.9	1.154	2.078	12.7	18.9
12 17	3 3.93	+11 18.2	1.229	2.089	17.2	19.2

175949 2000 GF_{93} 11 16.0 221.°46 3.°7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.76	+ 8 56.0	2.175	2.971	13.6	20.5
10 18	3 49.16	+ 8 30.0	2.086	2.966	10.8	20.3
10 28	3 42.40	+ 8 3.8	2.021	2.960	7.6	20.1
11 7	3 34.02	+ 7 40.7	1.982	2.953	4.6	19.9
11 17	3 24.80	+ 7 23.9	1.971	2.946	3.9	19.9
11 27	3 15.70	+ 7 16.5	1.990	2.939	6.4	20.0
12 7	3 7.65	+ 7 20.8	2.037	2.932	9.7	20.2
12 17	3 1.38	+ 7 37.5	2.109	2.924	12.7	20.4

490593 2009 WL_{169} 11 16.0 346.°26 3.°5/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.17	+11 27.9	1.357	2.184	18.8	21.4
10 18	3 50.82	+11 16.0	1.282	2.179	14.9	21.2
10 28	3 44.23	+11 2.8	1.226	2.175	10.3	20.9
11 7	3 35.12	+10 52.0	1.194	2.172	5.6	20.6
11 17	3 24.67	+10 47.2	1.186	2.169	3.8	20.5
11 27	3 14.44	+10 52.3	1.205	2.167	7.7	20.7
12 7	3 5.89	+11 10.0	1.248	2.166	12.5	21.0
12 17	3 0.10	+11 41.3	1.313	2.165	16.8	21.3

191985 2005 WB_{111} 11 16.0 125.°03 0.°3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.98	+19 43.1	1.870	2.660	15.8	21.3
10 18	3 51.95	+19 24.1	1.797	2.673	12.4	21.1
10 28	3 44.38	+18 56.6	1.745	2.686	8.5	20.9
11 7	3 34.96	+18 22.2	1.719	2.698	4.1	20.7
11 17	3 24.71	+17 43.6	1.722	2.710	0.6	20.5
11 27	3 14.82	+17 5.1	1.754	2.722	5.1	20.8
12 7	3 6.37	+16 31.4	1.814	2.732	9.2	21.1
12 17	3 0.14	+16 6.4	1.899	2.742	12.8	21.3

479541 2014 BT_{42} 11 16.0 316.°27 0.°6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.25	+19 33.9	1.383	2.205	18.7	21.1
10 18	3 48.76	+19 14.1	1.294	2.189	14.9	20.8
10 28	3 43.02	+18 42.9	1.224	2.173	10.3	20.5
11 7	3 34.63	+18 1.8	1.177	2.158	5.0	20.1
11 17	3 24.72	+17 14.5	1.154	2.143	1.0	19.8
11 27	3 14.87	+16 27.2	1.158	2.128	6.6	20.2
12 7	3 6.63	+15 46.7	1.187	2.115	12.0	20.4
12 17	3 1.15	+15 19.1	1.237	2.102	16.8	20.7

328554 2009 RG_{63} 11 16.0 76.°76 1.°0/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.38	+22 56.5	1.461	2.259	19.1	20.8
10 18	3 54.40	+22 48.0	1.404	2.283	15.1	20.6
10 28	3 46.26	+22 27.0	1.367	2.307	10.4	20.4
11 7	3 35.89	+21 54.1	1.354	2.332	5.2	20.1
11 17	3 24.62	+21 12.3	1.367	2.356	1.1	19.9
11 27	3 14.01	+20 26.8	1.409	2.379	5.6	20.3
12 7	3 5.37	+19 44.3	1.477	2.403	10.2	20.6
12 17	2 59.52	+19 10.2	1.568	2.426	14.2	20.9

7466 1989 VC_2 11 16.0 26.°06 1.°9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.76	+24 29.6	2.144	2.925	14.3	16.9
10 18	3 47.79	+24 45.9	2.064	2.932	11.4	16.7
10 28	3 41.54	+24 53.3	2.006	2.938	8.1	16.5
11 7	3 33.62	+24 51.1	1.973	2.946	4.5	16.3
11 17	3 24.86	+24 40.0	1.968	2.953	1.9	16.2
11 27	3 16.30	+24 22.1	1.992	2.961	4.4	16.3
12 7	3 8.91	+24 1.1	2.044	2.970	7.9	16.6
12 17	3 3.43	+23 41.1	2.122	2.978	11.1	16.8

515462 2013 YR_{53} 11 16.0 294.°00 1.°5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.17	+23 23.3	1.491	2.296	18.4	21.7
10 18	3 50.97	+23 23.0	1.398	2.281	14.9	21.4
10 28	3 44.48	+23 10.0	1.325	2.267	10.5	21.2
11 7	3 35.33	+22 43.8	1.275	2.253	5.5	20.8
11 17	3 24.65	+22 5.7	1.251	2.238	1.5	20.5
11 27	3 14.01	+21 20.2	1.253	2.224	5.9	20.8
12 7	3 4.98	+20 34.2	1.281	2.211	11.1	21.1
12 17	2 58.70	+19 54.8	1.332	2.197	15.8	21.3

156221 2001 UE_{81} 11 16.0 87.°65 0.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.65	+19 15.2	1.607	2.409	17.4	20.1
10 18	3 52.22	+19 13.8	1.534	2.417	13.8	19.8
10 28	3 44.85	+19 4.5	1.482	2.426	9.4	19.6
11 7	3 35.30	+18 48.2	1.454	2.434	4.6	19.3
11 17	3 24.68	+18 27.0	1.454	2.442	0.5	19.1
11 27	3 14.41	+18 4.6	1.481	2.450	5.5	19.4
12 7	3 5.75	+17 45.8	1.535	2.459	10.1	19.7
12 17	2 59.61	+17 34.4	1.613	2.467	14.1	20.0

221725 2007 EV_{48} 11 16.0 178.°76 1.°0/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.51	+22 18.1	2.702	3.470	12.0	21.1
10 18	3 48.64	+22 25.8	2.609	3.471	9.5	20.9
10 28	3 41.88	+22 27.0	2.540	3.472	6.6	20.7
11 7	3 33.72	+22 21.7	2.498	3.473	3.4	20.5
11 17	3 24.86	+22 10.5	2.485	3.473	1.0	20.3
11 27	3 16.10	+21 55.3	2.504	3.472	3.7	20.5
12 7	3 8.26	+21 38.8	2.552	3.472	6.8	20.7
12 17	3 1.96	+21 24.0	2.628	3.471	9.7	20.9

345421 2006 DE_{35} 11 16.0 322.°18 1.°5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.56	+22 54.6	1.626	2.424	17.4	21.2
10 18	3 50.84	+23 4.0	1.541	2.420	13.9	21.0
10 28	3 44.11	+23 3.1	1.476	2.416	9.8	20.7
11 7	3 35.04	+22 51.2	1.435	2.412	5.2	20.4
11 17	3 24.70	+22 29.3	1.420	2.408	1.5	20.2
11 27	3 14.52	+22 0.7	1.433	2.404	5.4	20.4
12 7	3 5.88	+21 31.0	1.473	2.401	10.1	20.7
12 17	2 59.76	+21 5.6	1.537	2.398	14.2	20.9

355073 2006 SL_{255} 11 16.0 167.°41 1.°9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.99	+25 4.3	2.096	2.870	14.8	21.7
10 18	3 50.42	+25 11.5	2.009	2.872	11.9	21.5
10 28	3 43.41	+25 8.5	1.943	2.874	8.4	21.3
11 7	3 34.55	+24 54.8	1.903	2.875	4.7	21.1
11 17	3 24.76	+24 30.9	1.891	2.876	1.9	20.9
11 27	3 15.16	+23 59.8	1.908	2.877	4.6	21.1
12 7	3 6.80	+23 25.8	1.954	2.878	8.3	21.3
12 17	3 0.49	+22 53.8	2.026	2.878	11.7	21.5

404710 2014 JO_6 11 16.0 166.°07 2.°2/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.00	+14 46.6	2.027	2.827	14.4	22.0
10 18	3 48.70	+14 12.8	1.946	2.829	11.3	21.8
10 28	3 42.12	+13 34.1	1.887	2.831	7.7	21.6
11 7	3 33.89	+12 53.1	1.854	2.832	3.9	21.4
11 17	3 24.84	+12 13.6	1.849	2.833	2.4	21.3
11 27	3 16.02	+11 39.7	1.874	2.834	5.6	21.5
12 7	3 8.37	+11 15.1	1.927	2.835	9.3	21.7
12 17	3 2.63	+11 2.2	2.004	2.836	12.7	21.9

226069 2002 JX_{41} 11 16.0 123.°53 2.°3/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.91	+13 19.6	2.771	3.559	11.2	21.2
10 18	3 46.27	+12 30.0	2.699	3.575	8.8	21.0
10 28	3 40.05	+11 37.2	2.651	3.591	6.0	20.9
11 7	3 32.74	+10 44.0	2.631	3.607	3.3	20.7
11 17	3 24.98	+ 9 53.8	2.642	3.622	2.5	20.7
11 27	3 17.46	+ 9 9.9	2.684	3.636	4.7	20.9
12 7	3 10.83	+ 8 35.1	2.756	3.651	7.4	21.1
12 17	3 5.58	+ 8 11.3	2.853	3.664	9.9	21.2

354419 2003 WY_{21} 11 16.0 341.°92 2.°7/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 47.88	+28 17.5	1.377	2.187	19.4	19.9
10 18	3 46.22	+27 57.2	1.291	2.174	15.8	19.6
10 28	3 41.28	+27 16.0	1.224	2.163	11.5	19.3
11 7	3 33.76	+26 13.3	1.179	2.153	6.6	19.0
11 17	3 24.84	+24 51.9	1.158	2.144	2.8	18.8
11 27	3 16.15	+23 19.2	1.163	2.136	6.0	18.9
12 7	3 9.19	+21 45.6	1.193	2.129	11.1	19.2
12 17	3 5.01	+20 21.3	1.246	2.124	15.7	19.5

399252 2014 HZ_{28} 11 16.0 91.°77 2.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.22	+15 9.2	1.989	2.787	14.7	21.2
10 18	3 49.50	+14 37.6	1.923	2.805	11.5	21.1
10 28	3 42.55	+14 1.3	1.880	2.823	7.8	20.9
11 7	3 34.03	+13 23.1	1.862	2.841	3.9	20.7
11 17	3 24.85	+12 46.5	1.874	2.859	2.2	20.6
11 27	3 16.03	+12 15.3	1.915	2.876	5.4	20.8
12 7	3 8.51	+11 53.1	1.984	2.893	9.1	21.1
12 17	3 2.94	+11 42.0	2.078	2.910	12.3	21.3

342489 2008 UV_{159} 11 16.0 50.°41 1.°7/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.38	+22 40.5	1.341	2.146	20.1	20.0
10 18	3 54.62	+22 59.7	1.293	2.176	15.9	19.8
10 28	3 46.50	+23 7.2	1.265	2.205	11.0	19.6
11 7	3 36.03	+23 2.6	1.259	2.236	5.7	19.4
11 17	3 24.64	+22 47.0	1.279	2.266	1.7	19.2
11 27	3 14.00	+22 24.6	1.326	2.297	5.8	19.6
12 7	3 5.48	+22 1.5	1.398	2.327	10.4	19.9
12 17	2 59.92	+21 42.9	1.495	2.358	14.4	20.2

139824 2001 RP_{30} 11 16.0 28.°75 1.°7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.35	+23 44.1	1.728	2.522	16.7	19.7
10 18	3 49.58	+23 51.7	1.651	2.527	13.3	19.5
10 28	3 43.05	+23 48.6	1.595	2.533	9.4	19.3
11 7	3 34.44	+23 34.4	1.563	2.539	5.0	19.0
11 17	3 24.81	+23 10.3	1.558	2.545	1.7	18.8
11 27	3 15.45	+22 39.9	1.581	2.551	5.1	19.1
12 7	3 7.56	+22 8.2	1.631	2.558	9.3	19.3
12 17	3 2.02	+21 40.4	1.705	2.566	13.1	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
144919	2005 BA_{27}		11 16.0	130.°11	13.°7/20.2	17 R
	h m	° ′			°	m
10 8	4 17.94	+41 42.8	1.369	2.084	23.8	19.7
10 18	4 12.08	+44 24.1	1.301	2.094	21.0	19.5
10 28	4 0.55	+46 48.0	1.250	2.104	18.0	19.3
11 7	3 43.83	+48 39.1	1.219	2.113	15.3	19.2
11 17	3 23.73	+49 43.1	1.211	2.122	13.8	19.1
11 27	3 3.45	+49 54.6	1.227	2.130	14.1	19.2
12 7	2 46.29	+49 21.1	1.266	2.137	16.0	19.3
12 17	2 34.39	+48 19.0	1.325	2.144	18.6	19.5
354488	2004 EK_{82}		11 16.0	261.°44	6.°6/11.9	18
10 8	3 52.85	+ 1 1.9	2.202	2.996	13.6	21.1
10 18	3 48.51	+ 0 8.7	2.107	2.977	11.1	20.9
10 28	3 42.02	− 0 40.9	2.036	2.957	8.7	20.7
11 7	3 33.90	− 1 21.5	1.990	2.937	6.9	20.5
11 17	3 24.87	− 1 48.1	1.971	2.917	6.9	20.5
11 27	3 15.88	− 1 56.8	1.981	2.896	8.8	20.6
12 7	3 7.83	− 1 45.8	2.017	2.875	11.5	20.7
12 17	3 1.50	− 1 15.4	2.076	2.853	14.2	20.9
411988	2012 JJ_{23}		11 16.0	147.°34	2.°6/14.4	18
10 8	3 50.92	+11 5.9	2.476	3.271	12.2	21.0
10 18	3 46.63	+10 45.6	2.393	3.272	9.6	20.8
10 28	3 40.52	+10 24.1	2.333	3.274	6.6	20.6
11 7	3 33.07	+10 4.0	2.300	3.275	3.7	20.4
11 17	3 24.97	+ 9 47.6	2.297	3.277	2.8	20.4
11 27	3 17.03	+ 9 37.6	2.324	3.278	5.2	20.5
12 7	3 10.01	+ 9 36.1	2.379	3.279	8.2	20.7
12 17	3 4.50	+ 9 44.2	2.459	3.281	11.0	20.9
288986	2004 TJ_{54}		11 16.0	95.°56	1.°1/15.2	18
10 8	3 50.74	+18 6.6	2.262	3.055	13.3	20.6
10 18	3 46.67	+17 29.1	2.183	3.062	10.4	20.4
10 28	3 40.60	+16 44.5	2.126	3.069	7.0	20.2
11 7	3 33.12	+15 55.4	2.097	3.076	3.4	20.0
11 17	3 24.97	+15 4.9	2.096	3.083	1.3	19.8
11 27	3 17.07	+14 17.3	2.125	3.090	4.7	20.1
12 7	3 10.24	+13 36.6	2.183	3.097	8.1	20.3
12 17	3 5.10	+13 5.8	2.267	3.103	11.2	20.5
246131	2007 LV_{33}		11 16.0	200.°94	4.°4/11.8	18
10 8	3 49.71	+ 8 49.3	2.565	3.361	11.8	20.3
10 18	3 45.58	+ 7 16.1	2.480	3.359	9.3	20.1
10 28	3 39.74	+ 5 39.8	2.421	3.357	6.7	20.0
11 7	3 32.68	+ 4 5.3	2.391	3.354	4.7	19.8
11 17	3 25.03	+ 2 38.3	2.391	3.351	4.8	19.8
11 27	3 17.57	+ 1 24.0	2.422	3.348	6.8	20.0
12 7	3 10.98	+ 0 26.1	2.480	3.345	9.4	20.1
12 17	3 5.82	− 0 13.6	2.564	3.342	11.8	20.3
444570	2006 TD_{54}		11 16.0	55.°74	0.°5/15.8	18
10 8	3 54.61	+17 30.6	1.881	2.679	15.4	21.1
10 18	3 50.22	+17 35.5	1.804	2.685	12.1	20.9
10 28	3 43.31	+17 35.3	1.748	2.691	8.3	20.6
11 7	3 34.53	+17 30.9	1.717	2.696	4.0	20.4
11 17	3 24.83	+17 23.9	1.714	2.702	0.7	20.2
11 27	3 15.35	+17 16.7	1.740	2.709	5.0	20.5
12 7	3 7.19	+17 12.7	1.794	2.715	9.1	20.7
12 17	3 1.16	+17 14.6	1.873	2.721	12.7	21.0
445759	2011 WN_{96}		11 16.0	325.°11	1.°3/15.2	18
10 8	3 51.75	+17 27.3	1.886	2.690	15.2	21.8
10 18	3 47.99	+16 57.1	1.802	2.688	11.9	21.5
10 28	3 41.81	+16 19.5	1.740	2.686	8.1	21.3
11 7	3 33.81	+15 36.9	1.704	2.684	4.0	21.1
11 17	3 24.91	+14 52.8	1.695	2.682	1.6	20.9
11 27	3 16.20	+14 11.9	1.714	2.680	5.4	21.2
12 7	3 8.74	+13 38.6	1.762	2.678	9.5	21.4
12 17	3 3.32	+13 16.6	1.833	2.677	13.1	21.6
2074	Shoemaker		11 16.0	356.°95	15.°2/ 3.2	17
10 8	3 51.78	+12 0.4	0.788	1.659	24.8	15.6
10 18	3 50.28	+ 5 46.9	0.736	1.656	19.9	15.3
10 28	3 44.41	− 1 0.1	0.707	1.654	16.0	15.1
11 7	3 35.31	− 7 36.6	0.705	1.653	15.5	15.1
11 17	3 24.76	−13 15.2	0.730	1.653	18.6	15.3
11 27	3 14.96	−17 24.9	0.776	1.653	23.0	15.5
12 7	3 7.75	−20 0.8	0.840	1.655	27.1	15.8
12 17	3 4.14	−21 14.5	0.914	1.657	30.4	16.1
147496	2004 CE_{95}		11 16.0	226.°26	0.°4/16.3	18
10 8	3 56.65	+21 40.1	1.833	2.622	16.1	21.3
10 18	3 52.14	+21 25.9	1.739	2.613	12.9	21.0
10 28	3 44.84	+21 1.3	1.665	2.604	8.9	20.8
11 7	3 35.38	+20 26.8	1.616	2.594	4.5	20.5
11 17	3 24.74	+19 44.5	1.595	2.584	0.5	20.2
11 27	3 14.21	+18 58.7	1.604	2.573	5.2	20.5
12 7	3 5.04	+18 15.0	1.640	2.561	9.7	20.8
12 17	2 58.18	+17 38.9	1.701	2.549	13.7	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
262160	2006 SR_{91}		11 16.0	40.°81	1.°6/15.1	18
	h m	° ′			°	m
10 8	3 51.48	+17 29.7	1.849	2.655	15.3	21.0
10 18	3 47.75	+16 49.0	1.771	2.658	12.0	20.8
10 28	3 41.61	+16 0.4	1.715	2.661	8.2	20.6
11 7	3 33.69	+15 6.7	1.685	2.664	4.0	20.3
11 17	3 24.93	+14 12.2	1.682	2.668	1.8	20.2
11 27	3 16.44	+13 22.1	1.707	2.672	5.6	20.4
12 7	3 9.25	+12 41.3	1.760	2.676	9.6	20.7
12 17	3 4.10	+12 13.3	1.838	2.680	13.2	20.9
324835	2007 JB_{10}		11 16.0	222.°52	20.°1/11.4	17
10 8	4 6.93	−20 41.9	1.150	1.916	25.0	20.2
10 18	4 1.36	−22 13.3	1.100	1.912	23.0	20.0
10 28	3 51.65	−23 13.4	1.064	1.908	21.2	19.9
11 7	3 38.77	−23 26.6	1.044	1.903	20.2	19.8
11 17	3 24.39	−22 42.2	1.042	1.898	20.3	19.8
11 27	3 10.60	−20 57.6	1.059	1.893	21.5	19.9
12 7	2 59.27	−18 21.0	1.095	1.887	23.5	20.0
12 17	2 51.54	−15 6.2	1.147	1.881	25.8	20.1
152956	2000 GM_{37}		11 16.0	280.°06	2.°5/14.6	18
10 8	3 52.89	+16 30.7	1.563	2.378	17.2	20.6
10 18	3 49.43	+15 37.9	1.480	2.372	13.6	20.3
10 28	3 43.07	+14 35.4	1.418	2.366	9.3	20.0
11 7	3 34.52	+13 27.0	1.380	2.360	4.7	19.8
11 17	3 24.84	+12 18.7	1.369	2.354	2.8	19.6
11 27	3 15.38	+11 17.4	1.386	2.348	6.9	19.9
12 7	3 7.42	+10 29.7	1.429	2.342	11.5	20.1
12 17	3 1.88	+ 9 59.6	1.494	2.337	15.6	20.4
24835	1995 SM_{55}		11 16.0	335.°64	0.°5/20.6	17
10 8	3 29.79	+37 0.0	37.246	37.934	1.1	20.5
10 18	3 28.90	+37 1.2	37.143	37.933	0.9	20.5
10 28	3 27.90	+37 1.4	37.064	37.931	0.7	20.5
11 7	3 26.82	+37 0.6	37.012	37.930	0.6	20.4
11 17	3 25.70	+36 58.7	36.987	37.929	0.5	20.4
11 27	3 24.58	+36 55.9	36.992	37.927	0.5	20.4
12 7	3 23.52	+36 52.3	37.026	37.926	0.6	20.5
12 17	3 22.54	+36 48.2	37.089	37.925	0.8	20.5
69243	1979 MU_{7}		11 16.0	71.°42	0.°7/16.4	18
10 8	3 59.89	+23 32.9	1.317	2.121	20.4	19.6
10 18	3 55.00	+23 4.6	1.266	2.149	16.1	19.4
10 28	3 46.74	+22 21.3	1.235	2.177	11.0	19.2
11 7	3 36.14	+21 24.9	1.226	2.204	5.5	19.0
11 17	3 24.70	+20 19.9	1.243	2.232	0.8	18.8
11 27	3 14.08	+19 13.7	1.288	2.259	5.9	19.2
12 7	3 5.64	+18 14.4	1.359	2.285	10.9	19.5
12 17	3 0.19	+17 28.1	1.453	2.312	15.0	19.9
364833	2008 CV_{113}		11 16.0	5.°30	0.°9/15.6	18
10 8	3 52.76	+17 5.7	1.735	2.543	16.1	21.0
10 18	3 49.03	+16 59.8	1.656	2.543	12.7	20.8
10 28	3 42.65	+16 48.2	1.598	2.543	8.7	20.5
11 7	3 34.28	+16 32.3	1.564	2.544	4.2	20.3
11 17	3 24.89	+16 14.6	1.557	2.545	1.2	20.1
11 27	3 15.71	+15 58.5	1.579	2.547	5.5	20.4
12 7	3 7.90	+15 47.8	1.627	2.548	9.8	20.6
12 17	3 2.31	+15 45.4	1.699	2.551	13.6	20.9
159311	2006 BV_{101}		11 16.0	327.°64	6.°2/12.1	18
10 8	3 49.26	+ 3 36.0	2.015	2.824	14.1	19.6
10 18	3 45.79	+ 2 36.6	1.936	2.818	11.4	19.4
10 28	3 40.18	+ 1 39.6	1.880	2.811	8.6	19.2
11 7	3 33.01	+ 0 50.5	1.849	2.805	6.5	19.1
11 17	3 25.04	+ 0 14.6	1.845	2.800	6.5	19.1
11 27	3 17.22	− 0 3.8	1.869	2.794	8.6	19.2
12 7	3 10.47	− 0 2.8	1.918	2.789	11.4	19.3
12 17	3 5.49	+ 0 17.5	1.989	2.784	14.2	19.5
272310	2005 SE_{57}		11 16.0	43.°58	5.°1/18.3	18
10 8	3 57.93	+29 11.7	1.341	2.134	20.7	20.7
10 18	3 54.17	+29 56.9	1.277	2.146	17.0	20.5
10 28	3 46.70	+30 25.9	1.231	2.158	12.6	20.3
11 7	3 36.39	+30 34.8	1.207	2.171	8.1	20.1
11 17	3 24.67	+30 22.0	1.206	2.184	5.2	19.9
11 27	3 13.42	+29 50.6	1.232	2.198	7.0	20.1
12 7	3 4.30	+29 8.1	1.283	2.212	11.1	20.4
12 17	2 58.41	+28 23.6	1.356	2.227	15.2	20.6
343817	2011 HT_{11}		11 16.0	158.°78	1.°6/15.1	18
10 8	3 56.30	+15 49.1	2.058	2.849	14.5	22.4
10 18	3 51.24	+15 24.7	1.978	2.855	11.4	22.2
10 28	3 43.84	+14 55.0	1.920	2.862	7.8	22.0
11 7	3 34.76	+14 22.2	1.888	2.867	3.8	21.7
11 17	3 24.86	+13 49.4	1.886	2.872	1.8	21.6
11 27	3 15.21	+13 20.2	1.913	2.876	5.3	21.8
12 7	3 6.80	+12 58.4	1.969	2.880	9.1	22.1
12 17	3 0.37	+12 46.4	2.051	2.883	12.4	22.3

53599 2000 CZ_{70} 11 16.0 169.°48 5.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.91	+36 50.1	2.275	2.996	15.2	19.5
10 18	3 52.89	+37 19.3	2.184	2.999	12.9	19.3
10 28	3 45.21	+37 32.7	2.114	3.001	10.2	19.2
11 7	3 35.50	+37 27.1	2.068	3.003	7.6	19.0
11 17	3 24.77	+37 0.9	2.049	3.004	5.9	18.9
11 27	3 14.23	+36 16.0	2.058	3.005	6.3	18.9
12 7	3 5.08	+35 17.4	2.096	3.006	8.6	19.1
12 17	2 58.16	+34 12.1	2.159	3.007	11.3	19.3

140506 2001 TJ_{163} 11 16.0 151.°35 2.°8/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.89	+28 56.9	2.646	3.389	12.8	21.3
10 18	3 51.39	+29 12.3	2.558	3.399	10.4	21.2
10 28	3 43.81	+29 17.4	2.494	3.408	7.6	21.0
11 7	3 34.71	+29 11.0	2.455	3.417	4.8	20.8
11 17	3 24.87	+28 53.1	2.447	3.425	2.9	20.7
11 27	3 15.22	+28 25.6	2.469	3.432	4.2	20.8
12 7	3 6.64	+27 52.2	2.521	3.439	7.0	21.0
12 17	2 59.82	+27 17.0	2.601	3.445	9.7	21.2

210588 1999 XB_{28} 11 16.0 347.°47 0.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.48	+12 57.1	1.276	2.103	19.7	19.6
10 18	3 53.20	+13 54.0	1.195	2.092	15.8	19.4
10 28	3 46.29	+14 55.2	1.133	2.082	10.9	19.0
11 7	3 36.38	+16 0.0	1.093	2.074	5.4	18.7
11 17	3 24.66	+17 6.9	1.079	2.067	1.1	18.4
11 27	3 12.91	+18 14.1	1.091	2.061	6.7	18.8
12 7	3 2.91	+19 21.1	1.128	2.057	12.3	19.1
12 17	2 56.00	+20 28.5	1.187	2.055	17.1	19.3

163279 2002 GB_{117} 11 16.0 72.°49 0.°4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.70	+17 47.5	1.679	2.472	17.2	20.0
10 18	3 55.29	+18 25.5	1.609	2.486	13.6	19.8
10 28	3 46.92	+18 59.6	1.560	2.500	9.3	19.6
11 7	3 36.35	+19 28.9	1.536	2.515	4.6	19.3
11 17	3 24.70	+19 52.8	1.541	2.529	0.6	19.1
11 27	3 13.37	+20 12.4	1.575	2.544	5.3	19.4
12 7	3 3.68	+20 30.2	1.636	2.558	9.7	19.7
12 17	2 56.53	+20 49.2	1.722	2.573	13.5	20.0

72658 2001 FS_{46} 11 16.0 231.°37 2.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 49.59	+12 41.4	2.443	3.241	12.3	19.4
10 18	3 45.67	+11 51.7	2.355	3.237	9.6	19.2
10 28	3 39.92	+10 58.1	2.290	3.232	6.6	19.0
11 7	3 32.83	+10 3.9	2.252	3.227	3.8	18.9
11 17	3 25.08	+ 9 12.8	2.244	3.222	3.0	18.8
11 27	3 17.47	+ 8 29.0	2.265	3.217	5.5	19.0
12 7	3 10.77	+ 7 55.8	2.315	3.212	8.6	19.1
12 17	3 5.58	+ 7 35.2	2.390	3.207	11.4	19.3

185359 2006 VG_{85} 11 16.0 320.°35 3.°4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.05	+29 4.9	1.816	2.595	16.6	20.2
10 18	3 48.76	+29 10.8	1.722	2.585	13.6	19.9
10 28	3 42.66	+29 1.8	1.648	2.575	10.0	19.7
11 7	3 34.38	+28 36.4	1.598	2.565	6.2	19.4
11 17	3 24.90	+27 54.9	1.575	2.556	3.5	19.3
11 27	3 15.55	+27 0.8	1.579	2.547	5.4	19.4
12 7	3 7.59	+26 0.4	1.610	2.538	9.3	19.6
12 17	3 1.97	+25 1.0	1.665	2.530	13.1	19.8

400632 2009 DZ_{129} 11 16.0 221.°57 5.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.26	+ 6 35.6	2.088	2.893	13.8	21.6
10 18	3 47.27	+ 5 18.1	2.006	2.888	11.1	21.4
10 28	3 41.15	+ 3 59.4	1.948	2.883	8.2	21.2
11 7	3 33.48	+ 2 45.3	1.916	2.877	5.9	21.1
11 17	3 25.03	+ 1 41.7	1.913	2.872	5.9	21.1
11 27	3 16.76	+ 0 53.9	1.938	2.866	8.1	21.2
12 7	3 9.56	+ 0 25.3	1.989	2.860	11.1	21.4
12 17	3 4.12	+ 0 16.8	2.064	2.854	13.9	21.5

246232 2007 RN_{241} 11 16.0 71.°25 0.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.25	+22 27.1	1.230	2.041	21.2	20.2
10 18	3 55.46	+21 49.8	1.181	2.069	16.7	20.0
10 28	3 47.13	+20 57.7	1.151	2.096	11.3	19.8
11 7	3 36.38	+19 53.3	1.144	2.124	5.5	19.6
11 17	3 24.75	+18 42.5	1.162	2.151	0.6	19.3
11 27	3 14.02	+17 33.3	1.208	2.178	6.3	19.8
12 7	3 5.57	+16 34.0	1.278	2.204	11.5	20.2
12 17	3 0.24	+15 50.3	1.372	2.231	15.8	20.5

268461 2005 WD_{156} 11 16.0 57.°77 5.°4/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.09	+ 9 6.0	1.432	2.256	18.1	19.6
10 18	3 50.23	+ 8 8.7	1.374	2.269	14.3	19.4
10 28	3 43.47	+ 7 10.7	1.337	2.282	10.1	19.2
11 7	3 34.65	+ 6 17.9	1.323	2.295	6.4	19.0
11 17	3 24.92	+ 5 36.9	1.335	2.308	5.7	19.0
11 27	3 15.67	+ 5 13.0	1.373	2.322	8.7	19.2
12 7	3 8.11	+ 5 8.8	1.436	2.336	12.6	19.5
12 17	3 3.03	+ 5 24.4	1.521	2.349	16.2	19.7

444158 2005 GL_{61} 11 16.0 114.°54 3.°7/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.88	+28 11.5	2.043	2.803	15.6	21.4
10 18	3 53.65	+28 50.7	1.962	2.812	12.7	21.3
10 28	3 45.74	+29 18.9	1.903	2.822	9.4	21.1
11 7	3 35.78	+29 33.8	1.869	2.832	5.9	20.9
11 17	3 24.79	+29 34.2	1.863	2.841	3.7	20.8
11 27	3 14.01	+29 21.6	1.887	2.850	5.3	20.9
12 7	3 4.63	+29 0.1	1.938	2.859	8.6	21.1
12 17	2 57.52	+28 35.0	2.016	2.867	11.8	21.3

356671 2011 US_{84} 11 16.0 152.°62 1.°5/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.98	+25 52.9	2.205	2.976	14.3	20.8
10 18	3 49.45	+25 34.4	2.119	2.981	11.4	20.6
10 28	3 42.64	+25 4.0	2.055	2.986	8.1	20.4
11 7	3 34.20	+24 22.2	2.017	2.990	4.4	20.2
11 17	3 24.97	+23 30.7	2.007	2.994	1.5	20.0
11 27	3 15.99	+22 33.6	2.028	2.997	4.3	20.2
12 7	3 8.23	+21 36.2	2.077	3.001	7.9	20.4
12 17	3 2.38	+20 43.5	2.154	3.004	11.2	20.6

226425 2003 SC_1 11 16.0 8.°77 0.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.66	+21 27.0	1.998	2.793	14.7	20.8
10 18	3 47.08	+21 15.7	1.915	2.794	11.7	20.6
10 28	3 41.17	+20 55.6	1.854	2.795	8.0	20.3
11 7	3 33.53	+20 27.5	1.818	2.797	4.0	20.1
11 17	3 25.04	+19 53.7	1.810	2.799	0.5	19.8
11 27	3 16.75	+19 17.7	1.831	2.801	4.6	20.1
12 7	3 9.66	+18 44.1	1.880	2.804	8.5	20.4
12 17	3 4.52	+18 16.8	1.953	2.807	12.0	20.6

381147 2007 GX_1 11 16.0 291.°72 5.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 6.56	+25 56.3	1.647	2.415	18.5	20.7
10 18	4 1.60	+27 32.3	1.525	2.380	15.5	20.4
10 28	3 52.64	+29 7.6	1.424	2.345	11.7	20.1
11 7	3 39.90	+30 35.9	1.347	2.309	7.8	19.8
11 17	3 24.30	+31 49.5	1.298	2.272	5.6	19.6
11 27	3 7.60	+32 42.6	1.278	2.236	8.0	19.6
12 7	2 52.01	+33 15.0	1.285	2.199	12.6	19.8
12 17	2 39.44	+33 32.3	1.316	2.161	17.2	20.0

143757 2003 WX_5 11 16.0 44.°37 2.°2/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.74	+15 5.4	1.144	1.977	21.2	19.2
10 18	3 53.09	+14 56.1	1.092	1.992	16.6	19.0
10 28	3 45.81	+14 41.6	1.057	2.009	11.3	18.7
11 7	3 35.90	+14 24.7	1.045	2.026	5.6	18.5
11 17	3 24.82	+14 9.2	1.057	2.043	2.4	18.3
11 27	3 14.39	+13 59.8	1.094	2.062	7.3	18.7
12 7	3 6.14	+14 0.4	1.155	2.080	12.5	19.0
12 17	3 1.02	+14 13.3	1.237	2.099	16.9	19.4

221410 2005 YL_{122} 11 16.0 38.°65 2.°5/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.63	+11 49.7	1.977	2.779	14.6	19.7
10 18	3 49.26	+11 45.9	1.901	2.784	11.5	19.5
10 28	3 42.58	+11 41.2	1.847	2.790	7.9	19.3
11 7	3 34.20	+11 37.8	1.819	2.796	4.2	19.1
11 17	3 25.00	+11 37.8	1.819	2.802	2.6	19.0
11 27	3 16.01	+11 43.7	1.848	2.808	5.7	19.2
12 7	3 8.22	+11 57.2	1.904	2.815	9.3	19.5
12 17	3 2.38	+12 19.5	1.986	2.821	12.6	19.7

131918 2002 BA_{20} 11 16.0 29.°41 4.°9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.55	+13 6.7	0.930	1.789	22.9	18.1
10 18	3 49.53	+12 9.8	0.887	1.802	18.0	17.9
10 28	3 43.60	+11 7.0	0.860	1.816	12.3	17.6
11 7	3 34.86	+10 6.2	0.852	1.832	6.8	17.4
11 17	3 24.94	+ 9 15.9	0.867	1.849	5.2	17.4
11 27	3 15.78	+ 8 44.1	0.905	1.868	9.6	17.7
12 7	3 8.97	+ 8 35.1	0.964	1.887	14.7	18.0
12 17	3 5.43	+ 8 48.9	1.043	1.908	19.2	18.4

63679 2001 QN_{145} 11 16.0 339.°11 0.°6/15.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.57	+19 23.9	1.276	2.107	19.5	19.9
10 18	3 48.42	+19 8.9	1.197	2.097	15.6	19.7
10 28	3 42.89	+18 42.9	1.137	2.087	10.7	19.4
11 7	3 34.66	+18 7.6	1.098	2.079	5.2	19.0
11 17	3 24.94	+17 26.6	1.083	2.072	0.9	18.7
11 27	3 15.38	+16 46.0	1.094	2.065	6.7	19.1
12 7	3 7.58	+16 12.6	1.129	2.059	12.1	19.4
12 17	3 2.67	+15 51.9	1.185	2.055	16.9	19.6

71594 2000 DT_{77} 11 16.0 340.°39 5.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 47.98	+ 5 54.9	1.898	2.715	14.5	18.6
10 18	3 44.97	+ 4 51.0	1.819	2.707	11.7	18.4
10 28	3 39.73	+ 3 47.4	1.762	2.700	8.6	18.2
11 7	3 32.86	+ 2 49.9	1.730	2.693	6.2	18.0
11 17	3 25.14	+ 2 4.2	1.725	2.687	6.2	18.0
11 27	3 17.58	+ 1 35.3	1.747	2.681	8.5	18.1
12 7	3 11.13	+ 1 25.8	1.795	2.676	11.5	18.3
12 17	3 6.52	+ 1 36.2	1.865	2.671	14.5	18.5

265112 2003 TU_{37} 11 16.0 55.°20 2.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.31	+27 22.8	1.255	2.061	21.2	20.8
10 18	3 52.81	+27 9.6	1.194	2.075	17.0	20.6
10 28	3 45.66	+26 36.9	1.151	2.089	12.1	20.3
11 7	3 35.84	+25 44.5	1.129	2.103	6.7	20.1
11 17	3 24.84	+24 35.6	1.132	2.118	2.7	19.9
11 27	3 14.47	+23 17.9	1.161	2.133	6.2	20.1
12 7	3 6.29	+22 1.6	1.215	2.148	11.2	20.5
12 17	3 1.26	+20 55.6	1.292	2.164	15.7	20.8

126830 2002 ES_{61} 11 16.1 150.°71 1.°9/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.03	+25 9.8	1.874	2.654	16.1	20.3
10 18	3 51.55	+25 10.7	1.790	2.657	12.9	20.0
10 28	3 44.36	+24 59.8	1.728	2.660	9.2	19.8
11 7	3 35.14	+24 36.8	1.690	2.663	5.0	19.6
11 17	3 24.91	+24 2.6	1.680	2.666	1.9	19.4
11 27	3 14.92	+23 21.0	1.699	2.669	4.9	19.6
12 7	3 6.36	+22 37.5	1.746	2.671	9.0	19.8
12 17	3 0.08	+21 57.6	1.818	2.673	12.7	20.1

71007 1999 XA_{43} 11 16.1 146.°63 0.°9/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.79	+23 17.3	1.988	2.771	15.2	19.8
10 18	3 50.31	+23 1.4	1.905	2.776	12.1	19.6
10 28	3 43.37	+22 34.8	1.844	2.781	8.4	19.4
11 7	3 34.61	+21 58.0	1.808	2.785	4.3	19.2
11 17	3 24.98	+21 13.3	1.801	2.789	0.9	18.9
11 27	3 15.60	+20 24.9	1.823	2.793	4.6	19.2
12 7	3 7.54	+19 37.9	1.873	2.796	8.6	19.5
12 17	3 1.57	+18 57.3	1.949	2.800	12.2	19.7

127416 2002 NF_{10} 11 16.1 101.°15 0.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.66	+17 50.0	2.472	3.258	12.5	20.8
10 18	3 47.21	+17 29.6	2.396	3.272	9.7	20.6
10 28	3 40.92	+17 3.8	2.344	3.285	6.6	20.4
11 7	3 33.32	+16 34.4	2.319	3.298	3.2	20.2
11 17	3 25.13	+16 3.4	2.323	3.311	0.9	20.1
11 27	3 17.18	+15 34.0	2.358	3.323	4.1	20.3
12 7	3 10.23	+15 9.3	2.421	3.336	7.4	20.6
12 17	3 4.86	+14 51.7	2.511	3.348	10.3	20.8

410961 2009 SU_{356} 11 16.1 342.°72 2.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 49.11	+16 9.9	2.022	2.828	14.2	21.0
10 18	3 45.75	+15 16.0	1.937	2.825	11.1	20.8
10 28	3 40.21	+14 14.6	1.875	2.821	7.6	20.6
11 7	3 33.08	+13 9.2	1.839	2.818	3.9	20.3
11 17	3 25.15	+12 4.5	1.832	2.816	2.4	20.2
11 27	3 17.42	+11 6.0	1.853	2.813	5.7	20.4
12 7	3 10.81	+10 18.4	1.902	2.811	9.4	20.7
12 17	3 6.01	+9 44.9	1.976	2.810	12.7	20.9

188990 2008 GF_{65} 11 16.1 57.°83 0.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.13	+19 2.8	2.041	2.836	14.4	20.7
10 18	3 48.12	+18 43.9	1.958	2.838	11.4	20.5
10 28	3 41.84	+18 17.7	1.898	2.840	7.8	20.3
11 7	3 33.87	+17 45.6	1.863	2.843	3.7	20.1
11 17	3 25.07	+17 10.4	1.857	2.845	0.7	19.8
11 27	3 16.49	+16 35.7	1.880	2.848	4.8	20.2
12 7	3 9.08	+16 5.8	1.931	2.850	8.6	20.4
12 17	3 3.59	+15 44.0	2.007	2.853	12.1	20.6

115618 2003 UH_{114} 11 16.1 158.°23 1.°2/15.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.58	+15 42.6	2.185	2.971	13.9	20.1
10 18	3 51.38	+15 36.9	2.102	2.977	10.9	19.9
10 28	3 43.95	+15 27.4	2.042	2.982	7.4	19.7
11 7	3 34.87	+15 15.4	2.008	2.987	3.6	19.4
11 17	3 24.97	+15 2.7	2.005	2.992	1.4	19.3
11 27	3 15.28	+14 51.9	2.031	2.996	4.8	19.5
12 7	3 6.74	+14 45.9	2.087	2.999	8.5	19.8
12 17	3 0.09	+14 46.8	2.168	3.002	11.8	20.0

91463 1999 RZ_{75} 11 16.1 61.°94 3.°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.51	+11 40.4	2.001	2.809	14.2	19.7
10 18	3 46.67	+10 40.2	1.933	2.820	11.1	19.5
10 28	3 40.71	+9 36.7	1.888	2.831	7.7	19.3
11 7	3 33.26	+8 34.4	1.868	2.842	4.6	19.1
11 17	3 25.15	+7 38.3	1.877	2.853	3.9	19.1
11 27	3 17.33	+6 53.3	1.915	2.864	6.6	19.3
12 7	3 10.69	+6 22.8	1.979	2.876	9.8	19.5
12 17	3 5.86	+6 8.3	2.068	2.887	12.8	19.7

34087 2000 PA_{7} 11 16.1 10.°19 0.°1/16.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.65	+20 43.0	1.793	2.595	15.9	18.7
10 18	3 48.13	+20 30.3	1.713	2.596	12.6	18.5
10 28	3 42.04	+20 8.4	1.654	2.597	8.6	18.3
11 7	3 34.03	+19 38.4	1.619	2.599	4.2	18.0
11 17	3 25.06	+19 3.0	1.612	2.601	0.4	17.7
11 27	3 16.32	+18 26.2	1.633	2.603	5.0	18.1
12 7	3 8.92	+17 52.9	1.682	2.606	9.3	18.3
12 17	3 3.68	+17 27.4	1.754	2.610	13.1	18.6

86227 1999 TM_{102} 11 16.1 49.°98 7.°7/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.61	− 0 23.7	1.752	2.558	16.1	18.9
10 18	3 49.07	− 1 22.4	1.712	2.587	13.0	18.8
10 28	3 42.26	− 2 12.4	1.694	2.616	10.1	18.7
11 7	3 33.94	− 2 47.7	1.700	2.645	8.1	18.6
11 17	3 25.09	− 3 3.7	1.732	2.674	8.0	18.7
11 27	3 16.76	− 2 57.9	1.790	2.704	9.7	18.9
12 7	3 9.85	− 2 30.9	1.874	2.733	12.2	19.1
12 17	3 4.97	− 1 45.2	1.979	2.763	14.6	19.3

233581 2007 QX_{8} 11 16.1 140.°00 5.°2/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.67	+ 5 10.9	2.274	3.066	13.3	21.6
10 18	3 49.56	+ 4 10.3	2.207	3.080	10.6	21.4
10 28	3 42.50	+ 3 11.3	2.163	3.093	7.8	21.3
11 7	3 34.08	+ 2 18.7	2.147	3.105	5.6	21.2
11 17	3 25.07	+ 1 36.9	2.160	3.117	5.4	21.2
11 27	3 16.35	+ 1 9.7	2.201	3.128	7.4	21.3
12 7	3 8.73	+ 0 58.9	2.271	3.138	10.0	21.5
12 17	3 2.81	+ 1 4.6	2.365	3.148	12.5	21.7

264798 2002 NQ_{67} 11 16.1 127.°00 0.°1/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.94	+19 51.0	2.660	3.438	11.9	21.6
10 18	3 47.36	+19 39.3	2.578	3.448	9.3	21.5
10 28	3 40.99	+19 21.6	2.520	3.458	6.4	21.3
11 7	3 33.36	+18 58.9	2.489	3.468	3.1	21.1
11 17	3 25.14	+18 32.9	2.489	3.477	0.3	20.9
11 27	3 17.12	+18 6.2	2.518	3.486	3.7	21.2
12 7	3 10.02	+17 41.8	2.578	3.495	6.9	21.4
12 17	3 4.43	+17 22.4	2.665	3.504	9.7	21.6

90068 2002 VV_{77} 11 16.1 189.°00 3.°8/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.47	+10 36.4	1.722	2.528	16.3	19.6
10 18	3 51.89	+10 6.2	1.643	2.528	12.9	19.4
10 28	3 44.61	+ 9 34.2	1.585	2.527	9.0	19.1
11 7	3 35.29	+ 9 4.3	1.552	2.526	5.2	18.9
11 17	3 24.93	+ 8 40.7	1.546	2.525	4.0	18.8
11 27	3 14.80	+ 8 27.4	1.569	2.523	7.2	19.0
12 7	3 6.07	+ 8 27.5	1.618	2.521	11.2	19.2
12 17	2 59.61	+ 8 42.0	1.691	2.519	14.8	19.5

134149 2005 AJ_{56} 11 16.1 347.°13 1.°4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 49.19	+16 43.3	1.802	2.615	15.4	20.0
10 18	3 46.20	+16 23.3	1.718	2.608	12.1	19.8
10 28	3 40.75	+15 57.0	1.654	2.602	8.3	19.5
11 7	3 33.43	+15 26.6	1.616	2.596	4.1	19.3
11 17	3 25.13	+14 55.2	1.604	2.591	1.6	19.1
11 27	3 16.98	+14 27.2	1.620	2.587	5.5	19.4
12 7	3 10.05	+14 6.6	1.663	2.584	9.7	19.6
12 17	3 5.17	+13 56.5	1.730	2.581	13.4	19.8

266133 2006 TD_{49} 11 16.1 346.°71 1.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.03	+21 23.8	1.075	1.916	21.7	20.2
10 18	3 48.74	+21 45.2	1.002	1.905	17.5	19.9
10 28	3 43.56	+21 55.6	0.945	1.896	12.3	19.6
11 7	3 35.18	+21 54.1	0.908	1.888	6.4	19.3
11 17	3 24.95	+21 41.3	0.894	1.882	1.5	18.9
11 27	3 14.85	+21 21.6	0.903	1.877	6.9	19.3
12 7	3 6.81	+21 1.5	0.935	1.874	12.9	19.6
12 17	3 2.16	+20 47.9	0.986	1.872	18.2	19.9

191395 2003 SQ_{48} 11 16.1 15.°97 7.°0/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.02	+39 24.9	2.236	2.950	15.6	19.7
10 18	3 51.68	+40 12.6	2.148	2.951	13.5	19.5
10 28	3 44.58	+40 44.1	2.079	2.952	11.0	19.3
11 7	3 35.34	+40 55.2	2.034	2.954	8.6	19.2
11 17	3 24.95	+40 43.4	2.014	2.955	7.1	19.1
11 27	3 14.70	+40 9.8	2.022	2.957	7.4	19.1
12 7	3 5.85	+39 19.0	2.056	2.959	9.2	19.2
12 17	2 59.31	+38 18.0	2.116	2.961	11.6	19.4

25664 2000 AM_{89} 11 16.1 256.°19 0.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.00	+17 52.3	2.599	3.384	12.0	19.3
10 18	3 46.85	+17 32.1	2.494	3.369	9.4	19.1
10 28	3 40.82	+17 6.2	2.413	3.353	6.5	18.9
11 7	3 33.37	+16 36.0	2.358	3.338	3.1	18.7
11 17	3 25.16	+16 3.6	2.334	3.322	0.9	18.5
11 27	3 16.98	+15 31.9	2.340	3.305	4.2	18.7
12 7	3 9.64	+15 4.2	2.375	3.289	7.5	18.9
12 17	3 3.79	+14 43.4	2.437	3.272	10.6	19.1

386858 2010 XS_{63} 11 16.1 100.°10 0.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.38	+18 14.2	2.312	3.098	13.2	21.1
10 18	3 48.72	+18 5.6	2.236	3.111	10.4	21.0
10 28	3 42.03	+17 51.5	2.184	3.124	7.0	20.8
11 7	3 33.91	+17 33.2	2.158	3.137	3.4	20.6
11 17	3 25.11	+17 12.5	2.161	3.150	0.7	20.4
11 27	3 16.56	+16 52.1	2.195	3.162	4.2	20.7
12 7	3 9.11	+16 35.3	2.257	3.174	7.7	20.9
12 17	3 3.38	+16 24.4	2.346	3.186	10.8	21.1

369634 2011 EG_{12} 11 16.1 249.°54 4.°0/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.27	+ 8 0.5	2.503	3.302	12.0	21.4
10 18	3 45.41	+ 7 9.2	2.415	3.295	9.5	21.2
10 28	3 39.77	+ 6 17.0	2.351	3.288	6.8	21.1
11 7	3 32.84	+ 5 27.7	2.313	3.280	4.5	20.9
11 17	3 25.24	+ 4 45.3	2.305	3.272	4.3	20.9
11 27	3 17.76	+ 4 13.6	2.326	3.265	6.3	21.0
12 7	3 11.14	+ 3 55.0	2.375	3.257	9.0	21.1
12 17	3 5.96	+ 3 50.7	2.448	3.249	11.6	21.3

25820 2000 DB_{56} 11 16.1 68.°33 4.°4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.82	+ 7 10.5	2.273	3.076	12.9	18.3
10 18	3 45.90	+ 6 20.3	2.202	3.084	10.2	18.1
10 28	3 40.10	+ 5 30.5	2.155	3.091	7.4	18.0
11 7	3 32.98	+ 4 45.5	2.133	3.099	5.0	17.8
11 17	3 25.24	+ 4 9.1	2.141	3.107	4.7	17.8
11 27	3 17.73	+ 3 45.1	2.177	3.114	6.8	18.0
12 7	3 11.22	+ 3 35.4	2.240	3.122	9.5	18.1
12 17	3 6.30	+ 3 40.6	2.327	3.130	12.1	18.3

327998 2007 GG_{62} 11 16.1 151.°72 2.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.72	+28 3.8	2.471	3.226	13.3	21.5
10 18	3 49.97	+28 27.1	2.381	3.229	10.8	21.3
10 28	3 43.05	+28 40.5	2.313	3.232	7.9	21.1
11 7	3 34.50	+28 42.9	2.271	3.235	4.9	20.9
11 17	3 25.10	+28 33.8	2.258	3.237	2.9	20.8
11 27	3 15.82	+28 15.0	2.275	3.240	4.4	20.9
12 7	3 7.61	+27 49.8	2.321	3.242	7.3	21.1
12 17	3 1.19	+27 22.5	2.394	3.244	10.2	21.3

378158 2006 VM_{153} 11 16.1 329.°77 3.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.88	+11 59.7	1.365	2.188	18.9	20.1
10 18	3 52.27	+11 49.8	1.288	2.183	15.0	19.9
10 28	3 45.36	+11 38.3	1.230	2.178	10.4	19.6
11 7	3 35.86	+11 28.4	1.196	2.174	5.6	19.3
11 17	3 24.95	+11 23.6	1.186	2.170	3.5	19.2
11 27	3 14.23	+11 27.6	1.203	2.167	7.6	19.4
12 7	3 5.21	+11 43.5	1.245	2.163	12.5	19.7
12 17	2 58.99	+12 12.3	1.309	2.161	16.9	20.0

330973 2009 TH_1 11 16.1 338.°96 1.°1/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.32	+20 45.9	2.197	2.978	14.0	21.0
10 18	3 50.64	+21 13.7	2.107	2.977	11.2	20.8
10 28	3 43.62	+21 36.1	2.040	2.976	7.8	20.6
11 7	3 34.82	+21 52.5	1.998	2.974	4.0	20.3
11 17	3 25.06	+22 2.8	1.986	2.974	1.1	20.1
11 27	3 15.38	+22 8.2	2.003	2.973	4.3	20.4
12 7	3 6.81	+22 11.3	2.050	2.972	8.1	20.6
12 17	3 0.13	+22 15.0	2.122	2.971	11.4	20.8

84647 2002 VN_{60} 11 16.1 42.°01 3.°8/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.12	+ 9 39.5	1.758	2.567	15.8	19.0
10 18	3 49.92	+ 9 20.4	1.685	2.572	12.5	18.8
10 28	3 43.19	+ 9 1.4	1.635	2.578	8.7	18.6
11 7	3 34.60	+ 8 46.0	1.609	2.583	5.1	18.4
11 17	3 25.10	+ 8 37.6	1.610	2.589	4.0	18.4
11 27	3 15.87	+ 8 39.2	1.640	2.595	6.9	18.6
12 7	3 7.98	+ 8 52.8	1.696	2.601	10.6	18.8
12 17	3 2.25	+ 9 19.0	1.776	2.608	14.0	19.0

492077 2013 JN_5 11 16.1 150.°62 0.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.27	+19 4.6	2.311	3.087	13.5	21.4
10 18	3 51.94	+19 26.4	2.224	3.092	10.7	21.3
10 28	3 44.38	+19 43.7	2.160	3.096	7.4	21.1
11 7	3 35.15	+19 56.2	2.123	3.101	3.7	20.8
11 17	3 25.06	+20 4.3	2.116	3.105	0.5	20.6
11 27	3 15.11	+20 9.3	2.140	3.109	4.2	20.9
12 7	3 6.25	+20 13.5	2.194	3.112	7.8	21.1
12 17	2 59.23	+20 19.5	2.274	3.116	11.0	21.3

473714 2015 YH_{18} 11 16.1 356.°59 2.°9/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.92	+29 7.6	1.863	2.644	16.1	20.1
10 18	3 46.91	+28 56.2	1.776	2.641	13.1	19.9
10 28	3 41.30	+28 29.1	1.711	2.639	9.6	19.7
11 7	3 33.74	+27 45.6	1.669	2.637	5.7	19.5
11 17	3 25.21	+26 47.5	1.653	2.636	3.0	19.3
11 27	3 16.91	+25 39.4	1.666	2.636	5.0	19.4
12 7	3 9.97	+24 28.2	1.706	2.636	8.8	19.7
12 17	3 5.21	+23 20.6	1.772	2.637	12.4	19.9

302231 2001 WW_4 11 16.1 100.°81 0.°6/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 14.46	+10 57.8	1.149	1.951	22.9	20.4
10 18	4 7.84	+12 27.8	1.078	1.959	18.4	20.2
10 28	3 56.62	+14 7.2	1.025	1.967	12.8	19.9
11 7	3 41.58	+15 52.8	0.996	1.975	6.3	19.6
11 17	3 24.40	+17 38.3	0.994	1.982	0.9	19.2
11 27	3 7.46	+19 17.9	1.021	1.990	7.5	19.7
12 7	2 53.07	+20 49.0	1.074	1.997	13.5	20.0
12 17	2 42.74	+22 12.6	1.151	2.004	18.6	20.4

402006 2003 QY_{34} 11 16.1 40.°95 8.°4/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.49	+40 45.7	1.890	2.608	18.0	20.3
10 18	3 54.06	+41 50.9	1.825	2.627	15.5	20.2
10 28	3 46.40	+42 36.5	1.779	2.647	12.8	20.0
11 7	3 36.28	+42 57.2	1.754	2.667	10.2	19.9
11 17	3 24.97	+42 50.0	1.753	2.687	8.6	19.9
11 27	3 14.04	+42 16.5	1.778	2.708	8.7	19.9
12 7	3 4.94	+41 22.7	1.829	2.729	10.3	20.1
12 17	2 58.63	+40 17.4	1.905	2.750	12.6	20.2

167106 2003 SS_{60} 11 16.1 45.°64 6.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.35	+34 30.0	1.654	2.411	18.8	19.9
10 18	3 54.23	+35 24.5	1.579	2.418	15.8	19.7
10 28	3 46.70	+36 2.1	1.523	2.425	12.4	19.5
11 7	3 36.52	+36 17.6	1.488	2.433	9.0	19.3
11 17	3 24.94	+36 8.3	1.478	2.441	6.9	19.2
11 27	3 13.63	+35 35.8	1.495	2.449	7.6	19.3
12 7	3 4.16	+34 46.7	1.538	2.457	10.5	19.5
12 17	2 57.61	+33 49.7	1.605	2.465	13.8	19.7

147048 2002 RW_{86} 11 16.1 351.°99 5.°3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.86	+28 23.7	1.252	2.058	21.2	19.5
10 18	3 52.34	+29 14.0	1.176	2.053	17.5	19.2
10 28	3 45.94	+29 49.4	1.117	2.049	13.1	19.0
11 7	3 36.35	+30 5.5	1.080	2.046	8.4	18.7
11 17	3 24.96	+29 59.4	1.065	2.044	5.3	18.5
11 27	3 13.72	+29 33.3	1.076	2.043	7.5	18.6
12 7	3 4.55	+28 54.5	1.110	2.043	12.0	18.9
12 17	2 58.75	+28 12.3	1.165	2.043	16.6	19.2

350135 2011 SP_1 11 16.1 76.°69 5.°2/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.50	+32 15.7	1.820	2.578	17.3	21.6
10 18	3 53.12	+32 52.1	1.739	2.583	14.3	21.4
10 28	3 45.71	+33 13.4	1.678	2.588	11.0	21.2
11 7	3 35.97	+33 16.1	1.640	2.593	7.5	21.0
11 17	3 25.01	+32 58.7	1.628	2.599	5.3	20.9
11 27	3 14.29	+32 23.5	1.644	2.604	6.4	20.9
12 7	3 5.17	+31 36.1	1.687	2.609	9.5	21.1
12 17	2 58.63	+30 44.2	1.755	2.614	12.9	21.4

297529 2001 FX_{21} 11 16.1 240.°08 5.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.45	+ 5 17.2	2.226	3.024	13.3	21.4
10 18	3 48.19	+ 4 3.7	2.134	3.010	10.7	21.2
10 28	3 41.86	+ 2 49.6	2.064	2.995	8.0	21.0
11 7	3 33.96	+ 1 40.1	2.022	2.979	6.0	20.9
11 17	3 25.22	+ 0 41.0	2.008	2.963	6.0	20.8
11 27	3 16.56	− 0 2.6	2.023	2.947	8.2	20.9
12 7	3 8.86	− 0 27.5	2.065	2.930	11.0	21.1
12 17	3 2.84	− 0 32.7	2.130	2.912	13.8	21.3

445655 2011 UJ_{65} 11 16.1 138.°59 0.°4/15.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.15	+21 50.5	2.108	2.891	14.4	21.8
10 18	3 49.56	+20 58.7	2.026	2.899	11.4	21.6
10 28	3 42.73	+19 55.7	1.968	2.907	7.8	21.4
11 7	3 34.32	+18 43.9	1.936	2.915	3.7	21.2
11 17	3 25.21	+17 27.3	1.934	2.922	0.6	21.0
11 27	3 16.40	+16 11.7	1.962	2.929	4.7	21.3
12 7	3 8.85	+15 2.7	2.019	2.935	8.5	21.5
12 17	3 3.22	+14 5.0	2.103	2.942	11.9	21.8

451956 2014 MG_{52} 11 16.1 274.°68 4.°0/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.46	+32 58.1	2.145	2.895	15.2	21.0
10 18	3 49.50	+32 50.4	2.045	2.886	12.6	20.8
10 28	3 43.00	+32 26.0	1.965	2.876	9.6	20.6
11 7	3 34.58	+31 43.4	1.909	2.866	6.3	20.4
11 17	3 25.17	+30 43.0	1.881	2.856	4.1	20.2
11 27	3 15.92	+29 28.3	1.882	2.846	5.2	20.3
12 7	3 7.95	+28 6.0	1.912	2.837	8.4	20.5
12 17	3 2.09	+26 43.5	1.968	2.827	11.7	20.6

460643 2014 US_{117} 11 16.1 8.°54 4.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.74	+ 6 18.1	1.560	2.378	17.1	19.8
10 18	3 49.97	+ 6 33.6	1.492	2.382	13.6	19.5
10 28	3 43.43	+ 6 55.0	1.444	2.386	9.7	19.3
11 7	3 34.81	+ 7 24.9	1.420	2.393	5.8	19.1
11 17	3 25.16	+ 8 5.0	1.422	2.400	4.5	19.1
11 27	3 15.78	+ 8 56.1	1.451	2.409	7.3	19.3
12 7	3 7.88	+ 9 57.4	1.507	2.418	11.2	19.5
12 17	3 2.32	+11 7.5	1.586	2.430	14.8	19.8

296171 2009 BP_{134} 11 16.1 347.°62 3.°8/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.91	+12 26.6	1.360	2.194	18.3	19.9
10 18	3 47.54	+11 52.0	1.285	2.186	14.5	19.7
10 28	3 42.10	+11 13.1	1.229	2.180	10.1	19.4
11 7	3 34.29	+10 34.6	1.195	2.174	5.6	19.1
11 17	3 25.21	+10 1.8	1.187	2.169	4.1	19.0
11 27	3 16.33	+ 9 40.5	1.204	2.165	7.9	19.2
12 7	3 9.04	+ 9 34.9	1.245	2.162	12.6	19.5
12 17	3 4.32	+ 9 46.7	1.307	2.160	16.8	19.7

176858 2002 TW_{265} 11 16.1 24.°97 2.°3/17.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 50.55	+27 38.0	1.357	2.165	19.7	18.9
10 18	3 48.04	+27 11.3	1.295	2.178	15.8	18.7
10 28	3 42.31	+26 25.2	1.253	2.192	11.2	18.5
11 7	3 34.28	+25 20.7	1.232	2.207	6.2	18.3
11 17	3 25.23	+24 2.1	1.237	2.223	2.3	18.1
11 27	3 16.74	+22 37.2	1.268	2.240	5.6	18.3
12 7	3 10.12	+21 15.6	1.324	2.258	10.4	18.6
12 17	3 6.20	+20 5.2	1.404	2.277	14.6	18.9

299095 2005 EW_{81} 11 16.1 331.°84 4.°8/13.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 51.32	+10 2.6	1.693	2.510	16.0	21.0
10 18	3 47.91	+ 9 0.1	1.616	2.507	12.7	20.8
10 28	3 41.94	+ 7 54.3	1.560	2.504	9.0	20.6
11 7	3 34.07	+ 6 50.9	1.529	2.501	5.7	20.4
11 17	3 25.25	+ 5 55.8	1.525	2.498	5.1	20.3
11 27	3 16.64	+ 5 15.3	1.549	2.496	8.1	20.5
12 7	3 9.36	+ 4 53.0	1.597	2.494	11.8	20.7
12 17	3 4.22	+ 4 50.5	1.669	2.491	15.2	20.9

195868 2002 QW_{98} 11 16.1 330.°01 6.°1/19.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.38	+35 23.1	2.244	2.976	15.1	20.4
10 18	3 51.98	+36 21.8	2.150	2.971	12.8	20.2
10 28	3 44.86	+37 7.7	2.077	2.966	10.2	20.0
11 7	3 35.59	+37 36.8	2.027	2.962	7.7	19.8
11 17	3 25.08	+37 46.3	2.004	2.957	6.2	19.7
11 27	3 14.57	+37 36.4	2.009	2.953	6.8	19.8
12 7	3 5.28	+37 10.5	2.042	2.949	8.9	19.9
12 17	2 58.20	+36 34.5	2.100	2.946	11.6	20.1

494502 2016 WV_{50} 11 16.1 45.°97 2.°6/15.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 0.04	+11 6.5	1.378	2.192	19.2	20.4
10 18	3 55.08	+11 28.1	1.323	2.213	15.1	20.2
10 28	3 46.94	+11 50.9	1.288	2.234	10.3	20.0
11 7	3 36.48	+12 16.3	1.277	2.255	5.3	19.7
11 17	3 25.02	+12 45.3	1.292	2.277	2.7	19.6
11 27	3 14.12	+13 19.2	1.335	2.300	6.7	19.9
12 7	3 5.13	+13 58.7	1.404	2.323	11.3	20.3
12 17	2 58.94	+14 44.3	1.496	2.346	15.2	20.6

280027 2001 XL_{124} 11 16.1 257.°54 3.°2/14.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.79	+11 48.7	1.684	2.492	16.5	20.8
10 18	3 51.58	+11 30.9	1.600	2.487	13.1	20.6
10 28	3 44.57	+11 11.1	1.537	2.482	9.1	20.3
11 7	3 35.42	+10 52.4	1.499	2.476	5.0	20.1
11 17	3 25.13	+10 38.2	1.488	2.470	3.4	20.0
11 27	3 14.97	+10 32.1	1.505	2.465	6.8	20.2
12 7	3 6.20	+10 37.2	1.548	2.459	11.1	20.4
12 17	2 59.75	+10 54.9	1.616	2.453	14.9	20.6

117740 2005 GH_{29} 11 16.1 273.°91 1.°0/15.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.22	+20 25.2	1.460	2.272	18.4	20.4
10 18	3 50.89	+19 42.0	1.375	2.264	14.6	20.1
10 28	3 44.38	+18 45.0	1.310	2.256	10.1	19.8
11 7	3 35.41	+17 36.7	1.268	2.249	4.9	19.5
11 17	3 25.13	+16 22.0	1.253	2.241	1.2	19.2
11 27	3 15.06	+15 8.8	1.265	2.233	6.5	19.5
12 7	3 6.63	+14 5.1	1.302	2.225	11.6	19.8
12 17	3 0.88	+13 17.3	1.363	2.218	16.1	20.1

45548 2000 CF_{43} 11 16.1 71.°38 4.°4/18.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.34	+32 32.3	1.856	2.615	16.9	18.8
10 18	3 51.24	+32 37.4	1.775	2.621	14.0	18.6
10 28	3 44.30	+32 25.1	1.713	2.627	10.6	18.4
11 7	3 35.24	+31 53.6	1.675	2.633	7.0	18.2
11 17	3 25.15	+31 3.1	1.664	2.638	4.5	18.1
11 27	3 15.40	+29 57.6	1.680	2.644	5.7	18.2
12 7	3 7.20	+28 44.3	1.725	2.650	9.0	18.4
12 17	3 1.42	+27 31.0	1.794	2.656	12.5	18.6

15217 1981 ET_{19} 11 16.1 155.°08 1.°1/15.5 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.85	+17 39.7	1.912	2.704	15.4	20.6
10 18	3 51.96	+17 17.4	1.833	2.711	12.1	20.4
10 28	3 44.56	+16 48.1	1.775	2.717	8.3	20.2
11 7	3 35.31	+16 13.8	1.743	2.722	4.0	19.9
11 17	3 25.17	+15 37.4	1.739	2.727	1.3	19.8
11 27	3 15.29	+15 3.0	1.765	2.731	5.3	20.1
12 7	3 6.75	+14 35.0	1.819	2.735	9.4	20.3
12 17	3 0.35	+14 16.7	1.899	2.738	12.9	20.5

398958 2013 EL_3 11 16.1 125.°86 1.°5/17.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.69	+24 40.4	2.084	2.861	14.8	21.4
10 18	3 50.20	+24 34.5	2.002	2.868	11.8	21.2
10 28	3 43.32	+24 17.8	1.942	2.874	8.3	21.0
11 7	3 34.70	+23 50.5	1.907	2.881	4.5	20.8
11 17	3 25.23	+23 14.1	1.900	2.887	1.5	20.6
11 27	3 16.01	+22 32.1	1.923	2.893	4.4	20.8
12 7	3 8.05	+21 49.3	1.974	2.899	8.2	21.1
12 17	3 2.11	+21 10.5	2.052	2.904	11.6	21.3

245332 2005 EG_{138} 11 16.1 142.°92 5.°2/13.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.00	+ 5 31.8	2.029	2.829	14.3	20.7
10 18	3 49.45	+ 4 47.8	1.956	2.834	11.5	20.5
10 28	3 42.70	+ 4 5.8	1.906	2.839	8.4	20.3
11 7	3 34.36	+ 3 30.4	1.881	2.844	5.8	20.2
11 17	3 25.27	+ 3 5.8	1.885	2.849	5.5	20.2
11 27	3 16.42	+ 2 55.7	1.917	2.853	7.7	20.3
12 7	3 8.74	+ 3 1.7	1.975	2.857	10.6	20.5
12 17	3 2.92	+ 3 23.6	2.058	2.860	13.5	20.7

120190 2004 CL_{97} 11 16.1 107.°93 1.°3/16.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.39	+23 19.1	1.717	2.501	17.2	20.2
10 18	3 54.25	+23 18.5	1.648	2.518	13.7	20.0
10 28	3 46.23	+23 6.9	1.599	2.535	9.5	19.8
11 7	3 36.13	+22 44.2	1.575	2.551	4.9	19.5
11 17	3 25.10	+22 12.1	1.579	2.567	1.3	19.3
11 27	3 14.49	+21 34.6	1.612	2.582	5.1	19.6
12 7	3 5.53	+20 57.3	1.672	2.597	9.4	19.9
12 17	2 59.07	+20 25.5	1.758	2.611	13.2	20.2

235128 2003 QL_{45} 11 16.1 139.°26 3.°5/18.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.32	+29 45.0	2.068	2.823	15.6	21.0
10 18	3 53.21	+29 59.4	1.986	2.833	12.7	20.8
10 28	3 45.47	+30 0.6	1.925	2.842	9.4	20.6
11 7	3 35.77	+29 46.7	1.888	2.850	5.9	20.4
11 17	3 25.13	+29 17.7	1.880	2.858	3.6	20.3
11 27	3 14.76	+28 36.5	1.901	2.866	5.1	20.4
12 7	3 5.80	+27 48.2	1.951	2.873	8.4	20.6
12 17	2 59.08	+26 59.2	2.027	2.880	11.7	20.8

347818 2002 OZ_5 11 16.1 103.°81 4.°8/13.6 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.10	+ 9 29.6	1.704	2.506	16.6	22.2
10 18	3 53.57	+ 8 28.3	1.650	2.532	13.0	22.1
10 28	3 45.48	+ 7 26.0	1.618	2.557	9.2	21.9
11 7	3 35.66	+ 6 28.1	1.611	2.581	5.7	21.8
11 17	3 25.18	+ 5 40.2	1.633	2.605	5.0	21.8
11 27	3 15.25	+ 5 7.2	1.683	2.627	7.8	22.0
12 7	3 6.90	+ 4 51.7	1.759	2.649	11.2	22.2
12 17	3 0.85	+ 4 54.0	1.860	2.670	14.4	22.5

229657 2006 HT_{39} 11 16.1 276.°12 2.°5/15.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 57.76	+ 9 10.9	2.410	3.191	12.9	20.0
10 18	3 52.30	+ 9 30.8	2.309	3.180	10.3	19.8
10 28	3 44.69	+ 9 53.2	2.231	3.168	7.2	19.6
11 7	3 35.41	+10 19.4	2.181	3.156	4.0	19.4
11 17	3 25.19	+10 50.1	2.162	3.143	2.6	19.2
11 27	3 14.95	+11 26.3	2.173	3.131	5.2	19.4
12 7	3 5.64	+12 8.4	2.215	3.119	8.5	19.6
12 17	2 58.00	+12 56.4	2.284	3.107	11.6	19.8

14945 1995 YM_3 11 16.1 81.°26 4.°5/14.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.06	+10 42.1	1.296	2.119	19.7	17.5
10 18	3 53.84	+10 7.3	1.234	2.129	15.6	17.3
10 28	3 46.29	+ 9 30.9	1.192	2.139	10.8	17.0
11 7	3 36.27	+ 8 57.8	1.173	2.149	6.2	16.8
11 17	3 25.11	+ 8 33.4	1.179	2.159	4.8	16.7
11 27	3 14.43	+ 8 22.8	1.212	2.169	8.4	17.0
12 7	3 5.67	+ 8 28.7	1.268	2.179	13.0	17.3
12 17	2 59.79	+ 8 51.7	1.347	2.189	17.1	17.6

286741 2002 GU_{138} 11 16.1 186.°92 1.°4/15.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.11	+15 31.9	2.555	3.342	12.1	21.3
10 18	3 47.65	+15 11.3	2.465	3.341	9.5	21.1
10 28	3 41.35	+14 46.6	2.400	3.340	6.5	20.9
11 7	3 33.70	+14 19.6	2.361	3.339	3.2	20.7
11 17	3 25.37	+13 52.7	2.352	3.338	1.5	20.6
11 27	3 17.17	+13 28.6	2.374	3.337	4.4	20.8
12 7	3 9.88	+13 10.3	2.425	3.335	7.6	21.0
12 17	3 4.11	+12 59.8	2.502	3.332	10.5	21.2

445177 2009 BO_{76} 11 16.1 299.°86 4.°2/14.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.55	+10 38.5	1.678	2.494	16.2	21.3
10 18	3 49.29	+10 1.1	1.576	2.467	13.0	21.0
10 28	3 43.25	+ 9 20.3	1.495	2.440	9.2	20.7
11 7	3 34.92	+ 8 40.3	1.438	2.413	5.5	20.4
11 17	3 25.23	+ 8 6.1	1.408	2.386	4.5	20.3
11 27	3 15.41	+ 7 43.3	1.405	2.359	7.9	20.5
12 7	3 6.79	+ 7 35.9	1.427	2.333	12.2	20.6
12 17	3 0.40	+ 7 46.3	1.472	2.306	16.3	20.8

301192 2008 YZ_{165} 11 16.1 232.°30 3.°0/14.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.25	+10 16.1	2.116	2.909	14.1	21.1
10 18	3 51.36	+10 8.5	2.023	2.901	11.2	20.9
10 28	3 44.15	+10 0.9	1.953	2.893	7.8	20.7
11 7	3 35.17	+ 9 55.6	1.909	2.884	4.4	20.5
11 17	3 25.22	+ 9 55.1	1.895	2.875	3.1	20.4
11 27	3 15.34	+10 1.7	1.909	2.866	6.0	20.6
12 7	3 6.54	+10 17.2	1.953	2.856	9.5	20.8
12 17	2 59.61	+10 42.6	2.022	2.846	12.8	21.0

13724 Schwehm 11 16.1 166.°63 0.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.15	+21 36.5	1.992	2.772	15.3	18.7
10 18	3 52.98	+21 21.3	1.907	2.777	12.1	18.5
10 28	3 45.27	+20 56.5	1.845	2.782	8.4	18.2
11 7	3 35.69	+20 23.0	1.808	2.785	4.2	18.0
11 17	3 25.18	+19 42.8	1.800	2.789	0.5	17.7
11 27	3 14.92	+19 0.0	1.822	2.791	4.7	18.0
12 7	3 6.00	+18 19.6	1.873	2.793	8.9	18.3
12 17	2 59.24	+17 46.0	1.950	2.794	12.4	18.5

415494 2014 OS_{299} 11 16.1 38.°73 0.°2/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.68	+20 35.6	1.940	2.737	15.0	21.2
10 18	3 47.88	+20 25.6	1.870	2.749	11.8	21.0
10 28	3 41.74	+20 7.3	1.821	2.763	8.1	20.8
11 7	3 33.93	+19 42.2	1.798	2.777	4.0	20.6
11 17	3 25.36	+19 12.3	1.802	2.791	0.4	20.3
11 27	3 17.08	+18 41.5	1.835	2.805	4.6	20.7
12 7	3 10.08	+18 13.7	1.896	2.820	8.5	20.9
12 17	3 5.07	+17 52.7	1.982	2.835	11.9	21.2

522955 2016 PF_{114} 11 16.1 21.°12 1.°9/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.73	+14 13.1	1.378	2.200	18.8	21.1
10 18	3 52.06	+14 17.2	1.309	2.203	14.9	20.8
10 28	3 45.15	+14 18.5	1.259	2.208	10.2	20.6
11 7	3 35.79	+14 18.8	1.232	2.213	5.1	20.3
11 17	3 25.17	+14 20.4	1.231	2.218	2.1	20.1
11 27	3 14.86	+14 26.4	1.257	2.224	6.6	20.4
12 7	3 6.29	+14 39.7	1.307	2.231	11.5	20.7
12 17	3 0.47	+15 2.3	1.380	2.238	15.8	21.0

242561 2005 EG_{166} 11 16.1 100.°16 3.°7/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.17	+11 5.6	2.045	2.844	14.3	20.6
10 18	3 49.43	+10 9.5	1.982	2.864	11.2	20.5
10 28	3 42.57	+ 9 11.2	1.943	2.883	7.8	20.3
11 7	3 34.26	+ 8 14.8	1.930	2.902	4.6	20.1
11 17	3 25.34	+ 7 25.0	1.946	2.921	3.9	20.1
11 27	3 16.79	+ 6 46.2	1.991	2.939	6.5	20.3
12 7	3 9.47	+ 6 21.3	2.064	2.957	9.6	20.6
12 17	3 4.02	+ 6 11.6	2.161	2.975	12.5	20.8

306463 1999 RL_{40} 11 16.1 357.°67 17.°9/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.49	− 5 0.6	0.926	1.778	23.5	19.4
10 18	3 48.85	− 8 44.4	0.886	1.776	20.5	19.2
10 28	3 43.38	−12 15.9	0.864	1.775	18.4	19.1
11 7	3 35.00	−15 12.2	0.861	1.774	17.9	19.1
11 17	3 25.25	−17 14.2	0.878	1.774	19.2	19.1
11 27	3 16.03	−18 12.1	0.912	1.775	21.7	19.3
12 7	3 9.00	−18 7.7	0.961	1.776	24.5	19.5
12 17	3 5.18	−17 10.6	1.022	1.778	27.1	19.7

255112 2005 UQ_{98} 11 16.1 39.°19 1.°9/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.11	+15 16.5	1.832	2.639	15.4	20.7
10 18	3 48.30	+14 53.9	1.760	2.647	12.1	20.5
10 28	3 42.09	+14 26.4	1.711	2.656	8.2	20.3
11 7	3 34.13	+13 56.7	1.686	2.665	4.1	20.0
11 17	3 25.34	+13 28.1	1.689	2.675	2.1	19.9
11 27	3 16.84	+13 4.5	1.721	2.685	5.6	20.2
12 7	3 9.65	+12 49.4	1.779	2.695	9.5	20.4
12 17	3 4.49	+12 45.0	1.862	2.705	13.0	20.7

405192 2003 BM_{30} 11 16.1 260.°49 4.°2/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.18	+31 51.3	2.219	2.968	14.8	21.4
10 18	3 50.90	+32 7.2	2.114	2.954	12.3	21.2
10 28	3 44.06	+32 9.5	2.029	2.939	9.4	21.0
11 7	3 35.21	+31 56.0	1.969	2.925	6.3	20.8
11 17	3 25.23	+31 25.7	1.937	2.910	4.2	20.6
11 27	3 15.28	+30 40.9	1.934	2.895	5.4	20.7
12 7	3 6.51	+29 46.3	1.958	2.880	8.4	20.8
12 17	2 59.81	+28 48.4	2.010	2.865	11.7	21.0

356805 2011 UF_{339} 11 16.1 345.°22 3.°8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.32	+13 20.9	1.675	2.494	16.1	20.7
10 18	3 47.20	+12 16.4	1.597	2.490	12.7	20.4
10 28	3 41.51	+11 5.4	1.540	2.487	8.8	20.2
11 7	3 33.92	+ 9 52.8	1.508	2.485	5.0	20.0
11 17	3 25.37	+ 8 45.0	1.503	2.482	4.1	19.9
11 27	3 17.04	+ 7 48.7	1.525	2.480	7.4	20.1
12 7	3 10.06	+ 7 8.9	1.574	2.479	11.3	20.4
12 17	3 5.21	+ 6 48.2	1.645	2.477	14.9	20.6

460051 2014 OU_{197} 11 16.1 76.°62 6.°4/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.58	+ 1 54.6	2.247	3.048	13.1	20.8
10 18	3 45.75	+ 0 38.1	2.182	3.056	10.6	20.7
10 28	3 40.06	− 0 34.9	2.140	3.063	8.2	20.6
11 7	3 33.06	− 1 38.7	2.125	3.071	6.6	20.5
11 17	3 25.46	− 2 28.3	2.137	3.079	6.7	20.5
11 27	3 18.10	− 2 59.7	2.177	3.086	8.5	20.6
12 7	3 11.73	− 3 11.1	2.243	3.094	10.8	20.8
12 17	3 6.94	− 3 3.1	2.331	3.101	13.1	21.0

108613 2001 MH_{24} 11 16.1 77.°81 4.°3/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.57	+11 6.3	1.503	2.320	17.7	19.3
10 18	3 51.40	+10 19.1	1.440	2.332	14.0	19.1
10 28	3 44.37	+ 9 29.4	1.398	2.344	9.7	18.9
11 7	3 35.27	+ 8 42.1	1.381	2.356	5.7	18.7
11 17	3 25.25	+ 8 2.7	1.389	2.368	4.6	18.7
11 27	3 15.66	+ 7 36.6	1.425	2.379	7.8	18.9
12 7	3 7.70	+ 7 27.0	1.487	2.391	11.9	19.2
12 17	3 2.21	+ 7 34.9	1.571	2.403	15.5	19.4

121364 1999 TH_{62} 11 16.1 205.°04 1.°0/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.37	+21 42.8	2.280	3.058	13.6	20.4
10 18	3 49.83	+21 57.7	2.190	3.057	10.9	20.2
10 28	3 43.07	+22 5.9	2.122	3.057	7.6	20.0
11 7	3 34.63	+22 7.3	2.080	3.056	3.9	19.8
11 17	3 25.30	+22 2.2	2.068	3.055	1.1	19.6
11 27	3 16.08	+21 52.6	2.085	3.054	4.2	19.8
12 7	3 7.93	+21 41.6	2.131	3.053	7.8	20.0
12 17	3 1.59	+21 32.3	2.204	3.052	11.0	20.2

454140 2013 DV_{12} 11 16.1 69.°73 2.°6/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.15	+13 0.5	1.832	2.635	15.5	21.3
10 18	3 50.49	+12 37.5	1.771	2.655	12.2	21.1
10 28	3 43.45	+12 11.8	1.733	2.676	8.3	20.9
11 7	3 34.73	+11 46.5	1.719	2.697	4.4	20.7
11 17	3 25.30	+11 24.6	1.734	2.717	2.8	20.7
11 27	3 16.29	+11 9.8	1.778	2.738	5.9	20.9
12 7	3 8.66	+11 4.7	1.849	2.759	9.6	21.2
12 17	3 3.12	+11 10.6	1.945	2.779	12.9	21.4

41196 1999 VV_{224} 11 16.1 78.°83 3.°9/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.02	+10 31.8	2.183	2.987	13.3	19.3
10 18	3 46.24	+ 9 27.8	2.106	2.990	10.5	19.2
10 28	3 40.48	+ 8 20.8	2.052	2.993	7.4	19.0
11 7	3 33.30	+ 7 15.4	2.025	2.996	4.6	18.8
11 17	3 25.44	+ 6 16.5	2.026	2.998	4.2	18.8
11 27	3 17.80	+ 5 28.8	2.057	3.001	6.6	19.0
12 7	3 11.20	+ 4 55.7	2.115	3.004	9.6	19.1
12 17	3 6.25	+ 4 38.7	2.197	3.007	12.5	19.3

101377 1998 UB_{12} 11 16.1 8.°74 1.°3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.70	+17 34.1	1.770	2.576	15.9	20.3
10 18	3 48.99	+17 6.9	1.690	2.576	12.5	20.0
10 28	3 42.71	+16 32.2	1.631	2.577	8.6	19.8
11 7	3 34.50	+15 52.3	1.597	2.577	4.2	19.5
11 17	3 25.33	+15 10.7	1.591	2.578	1.5	19.4
11 27	3 16.38	+14 32.3	1.612	2.579	5.6	19.6
12 7	3 8.78	+14 1.5	1.661	2.580	9.8	19.9
12 17	3 3.33	+13 42.1	1.734	2.581	13.6	20.1

323603 2004 TK_{331} 11 16.1 42.°22 2.°0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.72	+24 0.2	2.127	2.904	14.5	20.8
10 18	3 50.29	+24 24.1	2.043	2.908	11.7	20.6
10 28	3 43.48	+24 39.8	1.980	2.911	8.3	20.4
11 7	3 34.85	+24 46.4	1.942	2.915	4.6	20.2
11 17	3 25.29	+24 43.9	1.933	2.919	2.0	20.0
11 27	3 15.88	+24 34.0	1.954	2.923	4.5	20.2
12 7	3 7.65	+24 20.1	2.002	2.927	8.1	20.4
12 17	3 1.40	+24 6.3	2.077	2.931	11.4	20.6

341557 2007 UD_{24} 11 16.1 48.°07 1.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.44	+15 52.4	1.696	2.503	16.4	20.7
10 18	3 50.40	+15 40.8	1.622	2.509	12.9	20.5
10 28	3 43.68	+15 24.2	1.570	2.515	8.8	20.3
11 7	3 34.97	+15 4.6	1.542	2.522	4.3	20.0
11 17	3 25.29	+14 44.8	1.542	2.529	1.7	19.9
11 27	3 15.89	+14 28.5	1.570	2.536	5.7	20.2
12 7	3 7.93	+14 19.3	1.624	2.543	10.0	20.4
12 17	3 2.23	+14 19.7	1.703	2.551	13.8	20.7

460157 2014 QX_1 11 16.1 16.°75 5.°5/14.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.66	+ 4 13.8	1.527	2.346	17.4	20.0
10 18	3 49.84	+ 4 16.4	1.468	2.357	13.9	19.8
10 28	3 43.29	+ 4 26.1	1.430	2.369	10.1	19.6
11 7	3 34.75	+ 4 46.5	1.415	2.383	6.6	19.4
11 17	3 25.32	+ 5 19.9	1.426	2.398	5.6	19.4
11 27	3 16.27	+ 6 7.3	1.463	2.414	8.1	19.6
12 7	3 8.75	+ 7 7.7	1.527	2.431	11.7	19.9
12 17	3 3.57	+ 8 19.0	1.613	2.449	15.0	20.1

124025 2001 FV_{114} 11 16.1 302.°66 5.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.98	+ 3 38.0	2.188	2.992	13.3	19.5
10 18	3 46.26	+ 2 41.7	2.109	2.987	10.8	19.3
10 28	3 40.54	+ 1 47.7	2.052	2.982	8.1	19.1
11 7	3 33.36	+ 1 1.0	2.021	2.977	6.1	19.0
11 17	3 25.45	+ 0 26.4	2.018	2.972	6.1	19.0
11 27	3 17.69	+ 0 7.7	2.042	2.967	8.0	19.1
12 7	3 10.91	+ 0 6.8	2.093	2.962	10.7	19.2
12 17	3 5.77	+ 0 23.8	2.167	2.958	13.3	19.4

249001 2007 JM_{45} 11 16.1 156.°26 4.°5/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.79	+ 5 32.2	2.451	3.247	12.3	20.5
10 18	3 46.60	+ 4 50.6	2.373	3.249	9.8	20.4
10 28	3 40.62	+ 4 10.6	2.319	3.251	7.2	20.2
11 7	3 33.35	+ 3 36.0	2.291	3.253	5.0	20.1
11 17	3 25.46	+ 3 10.4	2.292	3.255	4.8	20.1
11 27	3 17.73	+ 2 56.8	2.322	3.256	6.6	20.2
12 7	3 10.92	+ 2 56.8	2.380	3.258	9.2	20.4
12 17	3 5.60	+ 3 10.7	2.462	3.259	11.7	20.5

121981 2000 EH_{159} 11 16.1 119.°85 4.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.09	+ 7 48.7	2.470	3.268	12.2	20.2
10 18	3 46.03	+ 7 1.3	2.395	3.274	9.6	20.0
10 28	3 40.21	+ 6 13.8	2.343	3.279	6.9	19.8
11 7	3 33.15	+ 5 30.0	2.318	3.284	4.5	19.7
11 17	3 25.50	+ 4 53.6	2.322	3.290	4.2	19.7
11 27	3 18.04	+ 4 27.9	2.355	3.295	6.2	19.8
12 7	3 11.49	+ 4 15.1	2.416	3.300	8.9	20.0
12 17	3 6.42	+ 4 15.9	2.502	3.305	11.4	20.2

70570 1999 TW_{154} 11 16.1 319.°96 2.°0/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.87	+15 41.0	1.655	2.467	16.6	18.6
10 18	3 49.40	+15 17.5	1.571	2.461	13.1	18.4
10 28	3 43.17	+14 47.9	1.508	2.454	9.0	18.1
11 7	3 34.82	+14 14.8	1.469	2.449	4.5	17.9
11 17	3 25.34	+13 41.9	1.457	2.443	2.2	17.7
11 27	3 16.01	+13 13.7	1.472	2.437	6.2	18.0
12 7	3 8.07	+12 54.9	1.514	2.432	10.7	18.2
12 17	3 2.42	+12 48.3	1.579	2.427	14.6	18.4

523618 2007 RT_{15} 11 16.1 34.°78 0.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 29.83	+12 1.0	32.066	32.851	1.1	22.1
10 18	3 29.03	+11 57.5	31.981	32.857	0.8	22.0
10 28	3 28.12	+11 54.0	31.922	32.862	0.6	22.0
11 7	3 27.13	+11 50.5	31.892	32.867	0.3	22.0
11 17	3 26.11	+11 47.3	31.892	32.873	0.2	22.0
11 27	3 25.09	+11 44.5	31.922	32.878	0.4	22.0
12 7	3 24.12	+11 42.2	31.983	32.883	0.7	22.0
12 17	3 23.24	+11 40.6	32.071	32.889	1.0	22.1

473371 2015 UM_{12} 11 16.1 31.°58 2.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.69	+15 11.5	1.927	2.732	14.8	20.9
10 18	3 47.93	+14 28.9	1.847	2.733	11.6	20.7
10 28	3 41.84	+13 40.2	1.789	2.735	7.9	20.5
11 7	3 34.05	+12 48.8	1.757	2.736	4.1	20.3
11 17	3 25.43	+11 58.9	1.753	2.737	2.5	20.2
11 27	3 17.03	+11 15.4	1.778	2.739	5.8	20.4
12 7	3 9.84	+10 42.6	1.830	2.740	9.7	20.6
12 17	3 4.60	+10 23.2	1.907	2.742	13.1	20.9

233233 2005 YW_{48} 11 16.1 343.°12 2.°4/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.01	+14 49.9	1.259	2.095	19.4	19.9
10 18	3 48.82	+14 36.3	1.182	2.085	15.4	19.6
10 28	3 43.27	+14 17.1	1.124	2.076	10.6	19.3
11 7	3 35.04	+13 55.5	1.087	2.068	5.4	19.0
11 17	3 25.32	+13 35.4	1.075	2.061	2.6	18.8
11 27	3 15.75	+13 21.9	1.088	2.056	7.4	19.1
12 7	3 7.89	+13 19.6	1.124	2.051	12.6	19.4
12 17	3 2.88	+13 31.3	1.181	2.047	17.3	19.6

429766 2012 DY_{45} 11 16.1 113.°49 0.°8/16.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.88	+21 23.4	1.600	2.390	18.0	22.0
10 18	3 55.67	+21 28.7	1.530	2.406	14.3	21.8
10 28	3 47.37	+21 24.6	1.482	2.420	9.9	21.6
11 7	3 36.81	+21 10.8	1.457	2.434	5.0	21.4
11 17	3 25.18	+20 48.9	1.460	2.448	0.9	21.1
11 27	3 13.98	+20 22.6	1.491	2.461	5.4	21.5
12 7	3 4.53	+19 57.1	1.550	2.474	10.0	21.8
12 17	2 57.75	+19 37.4	1.633	2.486	14.0	22.0

414319 2008 RF_{128} 11 16.1 129.°21 4.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.16	+ 7 23.0	2.659	3.452	11.5	21.6
10 18	3 45.92	+ 6 28.0	2.586	3.462	9.1	21.5
10 28	3 40.05	+ 5 33.1	2.538	3.472	6.5	21.3
11 7	3 33.06	+ 4 42.0	2.517	3.481	4.4	21.2
11 17	3 25.55	+ 3 58.4	2.526	3.490	4.2	21.2
11 27	3 18.25	+ 3 25.6	2.564	3.499	6.1	21.3
12 7	3 11.80	+ 3 5.8	2.631	3.507	8.5	21.5
12 17	3 6.74	+ 2 59.6	2.723	3.515	10.8	21.7

9377 Metz 11 16.1 107.°55 1.°0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.86	+23 7.4	2.266	3.044	13.7	18.3
10 18	3 48.61	+23 3.1	2.180	3.048	10.9	18.1
10 28	3 42.20	+22 50.1	2.118	3.052	7.6	17.9
11 7	3 34.21	+22 28.7	2.081	3.056	4.0	17.7
11 17	3 25.44	+22 0.2	2.072	3.060	1.0	17.5
11 27	3 16.85	+21 27.7	2.094	3.064	4.1	17.7
12 7	3 9.36	+20 55.0	2.144	3.068	7.7	17.9
12 17	3 3.66	+20 26.2	2.221	3.071	10.9	18.2

339252 2004 VB_{54} 11 16.1 22.°13 13.°9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 7.03	+37 21.0	1.111	1.882	25.4	18.8
10 18	4 3.60	+40 35.7	1.062	1.897	22.1	18.6
10 28	3 54.81	+43 31.9	1.030	1.914	18.6	18.4
11 7	3 41.23	+45 53.8	1.017	1.932	15.6	18.3
11 17	3 24.72	+47 27.1	1.026	1.952	14.0	18.3
11 27	3 8.35	+48 7.4	1.056	1.974	14.4	18.4
12 7	2 55.13	+48 2.7	1.108	1.997	16.4	18.6
12 17	2 46.97	+47 28.4	1.178	2.021	18.9	18.9

135576 2002 GS_{56} 11 16.1 111.°91 2.°9/17.7 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.40	+27 21.2	1.648	2.422	18.2	20.4
10 18	3 56.08	+27 25.8	1.579	2.440	14.7	20.3
10 28	3 47.64	+27 15.6	1.530	2.457	10.5	20.0
11 7	3 36.92	+26 49.5	1.505	2.475	6.1	19.8
11 17	3 25.19	+26 8.4	1.507	2.491	2.9	19.7
11 27	3 13.96	+25 16.9	1.538	2.507	5.4	19.9
12 7	3 4.56	+24 22.1	1.596	2.522	9.6	20.2
12 17	2 57.89	+23 31.0	1.680	2.537	13.5	20.4

80581 2000 AS_{124} 11 16.1 222.°58 3.°5/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.70	+30 18.3	2.038	2.791	15.8	19.7
10 18	3 53.83	+30 19.9	1.935	2.781	13.0	19.5
10 28	3 46.15	+30 6.5	1.854	2.770	9.7	19.3
11 7	3 36.29	+29 36.3	1.797	2.759	6.1	19.1
11 17	3 25.24	+28 49.1	1.768	2.747	3.6	18.9
11 27	3 14.28	+27 48.2	1.768	2.734	5.3	19.0
12 7	3 4.68	+26 39.8	1.797	2.720	8.9	19.1
12 17	2 57.39	+25 31.4	1.853	2.706	12.6	19.3

517944 2015 TN_{299} 11 16.1 119.°14 0.°7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.57	+18 13.4	2.023	2.817	14.6	22.0
10 18	3 49.34	+17 56.1	1.942	2.821	11.5	21.8
10 28	3 42.79	+17 32.1	1.882	2.825	7.8	21.6
11 7	3 34.52	+17 3.1	1.849	2.828	3.8	21.3
11 17	3 25.41	+16 31.6	1.843	2.831	0.9	21.1
11 27	3 16.52	+16 1.2	1.867	2.835	4.9	21.4
12 7	3 8.82	+15 35.9	1.919	2.838	8.8	21.7
12 17	3 3.08	+15 18.8	1.997	2.841	12.2	21.9

326895 2003 WQ_{28} 11 16.1 22.°72 1.°3/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.69	+25 13.0	1.181	2.003	21.3	20.2
10 18	3 50.32	+24 43.2	1.115	2.007	17.1	20.0
10 28	3 44.28	+23 53.7	1.067	2.013	11.9	19.7
11 7	3 35.47	+22 46.0	1.040	2.019	6.2	19.4
11 17	3 25.34	+21 24.8	1.037	2.026	1.3	19.1
11 27	3 15.71	+19 59.4	1.060	2.033	6.4	19.5
12 7	3 8.18	+18 40.3	1.107	2.042	11.9	19.8
12 17	3 3.76	+17 36.1	1.176	2.051	16.7	20.1

150458 2000 HR_{68} 11 16.1 148.°70 0.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.85	+18 54.4	2.003	2.788	15.0	21.6
10 18	3 52.67	+18 39.3	1.924	2.797	11.9	21.4
10 28	3 45.03	+18 17.0	1.866	2.806	8.1	21.2
11 7	3 35.61	+17 48.7	1.835	2.814	3.9	20.9
11 17	3 25.33	+17 16.9	1.833	2.821	0.7	20.7
11 27	3 15.32	+16 45.3	1.861	2.828	4.9	21.0
12 7	3 6.64	+16 17.9	1.917	2.835	8.9	21.3
12 17	3 0.04	+15 58.2	2.000	2.840	12.3	21.5

89979 2002 TP_{27} 11 16.1 260.°78 6.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.66	+ 9 4.4	1.802	2.609	15.6	19.2
10 18	3 50.61	+ 6 56.9	1.703	2.587	12.6	19.0
10 28	3 43.95	+ 4 39.6	1.628	2.565	9.3	18.7
11 7	3 35.23	+ 2 20.7	1.581	2.542	6.9	18.5
11 17	3 25.37	+ 0 10.6	1.562	2.518	7.3	18.5
11 27	3 15.54	− 1 40.2	1.572	2.494	10.2	18.6
12 7	3 6.91	− 3 4.1	1.608	2.469	13.8	18.8
12 17	3 0.39	− 3 57.9	1.667	2.443	17.2	19.0

363706 2004 TW_{345} 11 16.1 12.°89 0.°1/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 48.48	+24 4.5	1.614	2.422	17.1	19.7
10 18	3 45.94	+23 7.6	1.541	2.427	13.5	19.4
10 28	3 40.72	+21 54.7	1.488	2.432	9.3	19.2
11 7	3 33.57	+20 28.6	1.460	2.439	4.6	19.0
11 17	3 25.54	+18 55.0	1.458	2.447	0.4	18.6
11 27	3 17.88	+17 21.8	1.484	2.455	5.3	19.0
12 7	3 11.69	+15 57.3	1.537	2.464	9.8	19.3
12 17	3 7.74	+14 47.6	1.615	2.475	13.7	19.6

43444 2000 YC_{72} 11 16.1 129.°86 0.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.31	+20 55.9	1.565	2.365	17.9	19.3
10 18	3 52.94	+20 21.7	1.491	2.372	14.2	19.0
10 28	3 45.57	+19 35.5	1.437	2.380	9.7	18.8
11 7	3 35.97	+18 39.3	1.408	2.387	4.7	18.5
11 17	3 25.32	+17 37.4	1.405	2.394	0.7	18.3
11 27	3 15.07	+16 36.0	1.431	2.400	5.8	18.6
12 7	3 6.50	+15 42.1	1.484	2.406	10.5	18.9
12 17	3 0.50	+15 0.9	1.561	2.412	14.6	19.2

350563 2000 UN_{75} 11 16.1 354.°35 4.°9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.50	+32 0.9	1.331	2.128	20.6	19.7
10 18	3 48.64	+32 1.2	1.252	2.123	17.1	19.4
10 28	3 43.23	+31 38.6	1.191	2.119	12.9	19.2
11 7	3 35.04	+30 50.6	1.151	2.116	8.3	18.9
11 17	3 25.40	+29 38.0	1.135	2.114	5.0	18.7
11 27	3 16.08	+28 7.2	1.144	2.113	6.7	18.8
12 7	3 8.69	+26 29.3	1.177	2.114	11.1	19.1
12 17	3 4.32	+24 55.7	1.234	2.115	15.6	19.3

177430 2004 CG_{64} 11 16.1 357.°55 1.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.90	+14 50.8	1.582	2.396	17.1	19.9
10 18	3 50.33	+14 53.1	1.503	2.394	13.5	19.7
10 28	3 43.88	+14 52.1	1.445	2.392	9.3	19.4
11 7	3 35.22	+14 49.4	1.411	2.391	4.6	19.1
11 17	3 25.39	+14 47.2	1.404	2.391	1.8	19.0
11 27	3 15.74	+14 48.5	1.424	2.391	6.0	19.2
12 7	3 7.55	+14 56.2	1.470	2.392	10.6	19.5
12 17	3 1.77	+15 12.5	1.539	2.393	14.6	19.8

245776 2006 GX_{23} 11 16.1 330.°87 4.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 48.65	+10 56.3	2.123	2.932	13.5	20.0
10 18	3 45.34	+ 9 48.8	2.040	2.927	10.7	19.8
10 28	3 40.00	+ 8 37.3	1.979	2.921	7.5	19.6
11 7	3 33.17	+ 7 26.5	1.945	2.916	4.7	19.4
11 17	3 25.60	+ 6 21.7	1.939	2.912	4.3	19.3
11 27	3 18.19	+ 5 28.3	1.962	2.907	6.8	19.5
12 7	3 11.78	+ 4 50.0	2.012	2.903	10.0	19.7
12 17	3 7.06	+ 4 28.8	2.086	2.899	12.9	19.9

407015 2009 SL_{20} 11 16.1 56.°88 3.°0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.24	+29 37.9	2.040	2.806	15.4	20.6
10 18	3 49.21	+29 30.2	1.963	2.817	12.5	20.5
10 28	3 42.74	+29 8.0	1.906	2.828	9.1	20.3
11 7	3 34.52	+28 30.8	1.874	2.840	5.6	20.1
11 17	3 25.48	+27 40.0	1.870	2.851	3.0	19.9
11 27	3 16.77	+26 39.7	1.895	2.863	4.7	20.1
12 7	3 9.41	+25 35.8	1.948	2.875	8.1	20.3
12 17	3 4.13	+24 34.6	2.027	2.886	11.4	20.5

71664 2000 EE_{139} 11 16.1 255.°92 3.°4/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.40	+ 8 0.0	2.592	3.382	11.9	19.1
10 18	3 47.93	+ 7 43.1	2.495	3.370	9.4	18.9
10 28	3 41.64	+ 7 27.0	2.421	3.357	6.7	18.8
11 7	3 33.96	+ 7 14.3	2.375	3.344	4.2	18.6
11 17	3 25.53	+ 7 7.5	2.357	3.331	3.5	18.5
11 27	3 17.15	+ 7 8.9	2.370	3.318	5.6	18.6
12 7	3 9.58	+ 7 20.0	2.412	3.304	8.5	18.8
12 17	3 3.46	+ 7 41.5	2.479	3.291	11.2	19.0

513908 2013 YS_{77} 11 16.1 270.°13 4.°4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.41	+ 8 54.7	1.686	2.494	16.5	21.8
10 18	3 52.23	+ 8 31.0	1.594	2.479	13.2	21.6
10 28	3 45.21	+ 8 7.2	1.522	2.463	9.4	21.3
11 7	3 35.93	+ 7 47.4	1.474	2.447	5.7	21.0
11 17	3 25.34	+ 7 35.6	1.454	2.431	4.6	20.9
11 27	3 14.74	+ 7 35.8	1.461	2.414	7.8	21.1
12 7	3 5.45	+ 7 50.7	1.495	2.398	11.9	21.3
12 17	2 58.46	+ 8 20.9	1.551	2.381	15.8	21.5

411883 2012 FT_{25} 11 16.1 220.°45 1.°2/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.63	+16 41.4	2.383	3.173	12.8	21.9
10 18	3 47.50	+16 18.5	2.293	3.170	10.0	21.8
10 28	3 41.40	+15 50.3	2.225	3.167	6.8	21.6
11 7	3 33.84	+15 18.7	2.185	3.163	3.4	21.3
11 17	3 25.55	+14 46.2	2.173	3.160	1.4	21.2
11 27	3 17.37	+14 16.2	2.192	3.156	4.5	21.4
12 7	3 10.16	+13 51.8	2.239	3.152	8.0	21.6
12 17	3 4.56	+13 35.6	2.312	3.148	11.0	21.8

427808 2005 GE_{142} 11 16.1 198.°48 0.°2/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.07	+21 2.0	1.681	2.476	17.1	21.7
10 18	3 52.73	+20 35.2	1.596	2.475	13.6	21.5
10 28	3 45.47	+19 57.1	1.531	2.472	9.4	21.2
11 7	3 35.98	+19 8.9	1.491	2.470	4.6	20.9
11 17	3 25.35	+18 13.9	1.478	2.466	0.5	20.6
11 27	3 14.94	+17 17.8	1.494	2.463	5.5	21.0
12 7	3 6.05	+16 27.0	1.537	2.459	10.3	21.2
12 17	2 59.61	+15 46.9	1.604	2.454	14.4	21.5

197248 2003 WS_{67} 11 16.1 352.°15 0.°8/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.32	+24 13.1	2.216	2.998	13.8	20.3
10 18	3 46.71	+23 44.6	2.127	2.997	11.0	20.1
10 28	3 40.97	+23 4.9	2.060	2.996	7.7	19.9
11 7	3 33.66	+22 14.9	2.018	2.995	4.0	19.7
11 17	3 25.58	+21 17.4	2.006	2.994	0.8	19.4
11 27	3 17.69	+20 16.6	2.023	2.993	4.2	19.7
12 7	3 10.90	+19 17.7	2.068	2.993	7.9	19.9
12 17	3 5.88	+18 25.5	2.140	2.993	11.2	20.1

225034 2007 FY_{39} 11 16.1 147.°60 0.°9/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.76	+15 46.3	2.408	3.192	12.8	20.3
10 18	3 49.90	+15 52.4	2.322	3.195	10.1	20.1
10 28	3 43.02	+15 55.5	2.259	3.199	6.9	19.9
11 7	3 34.64	+15 56.5	2.223	3.202	3.4	19.7
11 17	3 25.50	+15 56.7	2.217	3.205	1.0	19.5
11 27	3 16.49	+15 57.8	2.242	3.208	4.3	19.8
12 7	3 8.48	+16 2.0	2.296	3.211	7.7	20.0
12 17	3 2.13	+16 11.0	2.376	3.213	10.7	20.2

177163 2003 SN_{110} 11 16.1 63.°83 1.°7/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.09	+24 15.7	1.240	2.046	21.4	19.7
10 18	3 56.37	+24 11.4	1.192	2.074	17.0	19.5
10 28	3 48.03	+23 52.0	1.162	2.102	11.8	19.3
11 7	3 37.14	+23 17.7	1.153	2.130	6.1	19.0
11 17	3 25.28	+22 31.4	1.170	2.158	1.7	18.8
11 27	3 14.26	+21 39.8	1.214	2.186	6.0	19.2
12 7	3 5.56	+20 50.7	1.283	2.214	11.0	19.6
12 17	3 0.03	+20 11.0	1.375	2.241	15.3	19.9

443745 2015 LB_{35} 11 16.1 292.°75 6.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.07	+ 3 25.3	1.701	2.509	16.3	20.4
10 18	3 50.93	+ 2 48.5	1.622	2.503	13.3	20.2
10 28	3 44.13	+ 2 16.3	1.564	2.497	9.9	20.0
11 7	3 35.31	+ 1 54.0	1.531	2.491	7.2	19.8
11 17	3 25.43	+ 1 46.6	1.524	2.485	6.8	19.8
11 27	3 15.72	+ 1 57.8	1.544	2.480	9.1	19.9
12 7	3 7.33	+ 2 28.5	1.589	2.474	12.5	20.1
12 17	3 1.14	+ 3 17.6	1.657	2.468	15.8	20.3

40180 1998 RR_{48} 11 16.1 113.°74 0.°1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.85	+20 52.0	2.484	3.262	12.6	19.8
10 18	3 48.28	+20 35.4	2.406	3.275	10.0	19.6
10 28	3 41.81	+20 11.6	2.351	3.288	6.8	19.5
11 7	3 34.00	+19 41.7	2.322	3.300	3.3	19.2
11 17	3 25.57	+19 7.7	2.324	3.312	0.3	19.0
11 27	3 17.37	+18 32.7	2.355	3.324	3.8	19.3
12 7	3 10.19	+18 0.2	2.417	3.336	7.2	19.6
12 17	3 4.63	+17 33.2	2.505	3.347	10.1	19.8

19642 1999 RK_{94} 11 16.1 12.°21 6.°6/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.19	+33 18.5	1.857	2.609	17.2	18.3
10 18	3 53.94	+34 33.6	1.775	2.611	14.5	18.1
10 28	3 46.55	+35 35.8	1.713	2.614	11.4	18.0
11 7	3 36.64	+36 20.2	1.674	2.617	8.4	17.8
11 17	3 25.30	+36 42.8	1.662	2.621	6.6	17.7
11 27	3 14.01	+36 43.6	1.676	2.625	7.4	17.8
12 7	3 4.23	+36 26.5	1.717	2.629	10.0	17.9
12 17	2 57.08	+35 58.3	1.782	2.635	13.0	18.1

351444 2005 JP_{54} 11 16.1 147.°37 3.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.23	+12 49.2	1.994	2.798	14.4	21.1
10 18	3 48.23	+11 46.7	1.915	2.800	11.3	20.9
10 28	3 42.00	+10 39.1	1.860	2.803	7.9	20.7
11 7	3 34.17	+ 9 30.9	1.831	2.805	4.5	20.5
11 17	3 25.56	+ 8 27.3	1.830	2.808	3.7	20.5
11 27	3 17.19	+ 7 33.7	1.858	2.810	6.5	20.7
12 7	3 9.99	+ 6 54.4	1.914	2.812	10.0	20.9
12 17	3 4.67	+ 6 31.5	1.994	2.814	13.2	21.1

239161 2006 KJ_{20} 11 16.2 142.°98 7.°2/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.80	+ 1 12.4	1.916	2.717	15.0	20.4
10 18	3 49.46	+ 0 6.7	1.849	2.722	12.3	20.2
10 28	3 42.84	− 0 54.1	1.803	2.726	9.5	20.1
11 7	3 34.58	− 1 43.9	1.782	2.730	7.5	20.0
11 17	3 25.53	− 2 17.0	1.788	2.733	7.5	20.0
11 27	3 16.75	− 2 29.5	1.822	2.737	9.5	20.1
12 7	3 9.19	− 2 20.2	1.881	2.740	12.2	20.3
12 17	3 3.56	− 1 50.2	1.962	2.743	14.8	20.5

97739 2000 HP_{28} 11 16.2 69.°15 9.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 14.59	− 4 51.6	1.085	1.882	24.4	18.0
10 18	4 7.62	− 4 18.1	1.024	1.891	20.3	17.7
10 28	3 56.22	− 3 20.6	0.980	1.901	15.7	17.5
11 7	3 41.39	− 1 52.7	0.957	1.912	11.3	17.3
11 17	3 24.91	+ 0 6.2	0.960	1.922	9.6	17.3
11 27	3 9.08	+ 2 30.7	0.989	1.932	12.0	17.4
12 7	2 55.95	+ 5 10.6	1.044	1.943	16.3	17.7
12 17	2 46.77	+ 7 55.9	1.122	1.953	20.5	18.0

25781 Rajendra 11 16.2 53.°59 2.°8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.22	+13 30.5	1.620	2.433	16.8	18.8
10 18	3 50.21	+13 1.0	1.558	2.448	13.2	18.6
10 28	3 43.54	+12 27.8	1.516	2.462	9.0	18.4
11 7	3 34.95	+11 54.3	1.499	2.477	4.7	18.2
11 17	3 25.52	+11 24.6	1.509	2.492	3.0	18.1
11 27	3 16.48	+11 3.1	1.546	2.508	6.5	18.3
12 7	3 8.95	+10 53.1	1.610	2.523	10.5	18.6
12 17	3 3.71	+10 56.2	1.697	2.539	14.1	18.9

244844 2003 UD_{124} 11 16.2 88.°67 4.°9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.80	+34 47.0	1.858	2.603	17.4	20.6
10 18	3 53.87	+34 44.3	1.787	2.622	14.4	20.5
10 28	3 46.04	+34 22.3	1.736	2.641	11.0	20.3
11 7	3 36.15	+33 38.9	1.709	2.660	7.4	20.1
11 17	3 25.41	+32 35.0	1.708	2.679	5.0	20.0
11 27	3 15.20	+31 15.4	1.736	2.697	5.9	20.1
12 7	3 6.73	+29 48.3	1.792	2.716	8.9	20.3
12 17	3 0.78	+28 22.1	1.874	2.733	12.2	20.6

488219 2015 XN_{367} 11 16.2 329.°45 2.°8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.69	+29 0.8	2.056	2.826	15.2	20.7
10 18	3 48.17	+28 53.9	1.963	2.821	12.4	20.5
10 28	3 42.20	+28 32.9	1.891	2.815	9.0	20.2
11 7	3 34.36	+27 56.9	1.843	2.810	5.5	20.0
11 17	3 25.57	+27 7.2	1.823	2.805	2.9	19.8
11 27	3 16.94	+26 7.5	1.831	2.800	4.7	20.0
12 7	3 9.54	+25 3.5	1.868	2.796	8.3	20.2
12 17	3 4.17	+24 1.7	1.930	2.792	11.8	20.4

297089 2010 KJ_{117} 11 16.2 257.°94 1.°7/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.10	+17 33.6	1.886	2.687	15.3	20.7
10 18	3 49.30	+16 50.7	1.793	2.677	12.1	20.4
10 28	3 42.98	+15 58.8	1.723	2.667	8.3	20.2
11 7	3 34.77	+15 0.9	1.677	2.657	4.1	19.9
11 17	3 25.54	+14 1.0	1.660	2.646	1.9	19.7
11 27	3 16.43	+13 4.7	1.672	2.636	5.7	20.0
12 7	3 8.54	+12 17.5	1.711	2.625	9.9	20.2
12 17	3 2.71	+11 43.5	1.775	2.615	13.7	20.4

265498 2005 GH_{151} 11 16.2 94.°47 0.°8/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.81	+17 13.0	1.546	2.346	18.1	21.0
10 18	3 55.58	+17 13.7	1.482	2.364	14.2	20.8
10 28	3 47.31	+17 8.4	1.440	2.382	9.7	20.6
11 7	3 36.83	+16 58.3	1.421	2.400	4.7	20.4
11 17	3 25.36	+16 45.4	1.430	2.418	1.0	20.1
11 27	3 14.37	+16 33.3	1.467	2.435	5.8	20.5
12 7	3 5.15	+16 25.8	1.531	2.452	10.4	20.8
12 17	2 58.58	+16 26.1	1.619	2.469	14.3	21.1

509484 2007 TN_{146} 11 16.2 23.°66 0.°1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.94	+21 4.0	0.879	1.734	24.1	20.1
10 18	3 49.68	+20 51.0	0.833	1.745	19.1	19.9
10 28	3 44.19	+20 22.4	0.803	1.758	13.1	19.6
11 7	3 35.54	+19 40.9	0.791	1.773	6.4	19.3
11 17	3 25.48	+18 51.7	0.801	1.790	0.6	19.0
11 27	3 16.17	+18 3.4	0.834	1.808	7.3	19.5
12 7	3 9.39	+17 24.8	0.887	1.827	13.3	19.9
12 17	3 6.15	+17 1.7	0.961	1.848	18.4	20.3

440778 2006 HB_{154} 11 16.2 167.°91 0.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.28	+18 28.6	2.079	2.865	14.5	22.3
10 18	3 51.47	+18 20.7	1.994	2.868	11.5	22.1
10 28	3 44.28	+18 6.5	1.931	2.871	7.9	21.9
11 7	3 35.34	+17 47.1	1.895	2.873	3.8	21.6
11 17	3 25.50	+17 24.5	1.887	2.875	0.6	21.4
11 27	3 15.85	+17 1.6	1.909	2.877	4.7	21.7
12 7	3 7.40	+16 42.3	1.960	2.878	8.6	21.9
12 17	3 0.92	+16 29.6	2.036	2.878	12.1	22.2

201724 2003 UM_{193} 11 16.2 81.°62 0.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.67	+18 21.8	2.289	3.079	13.2	20.2
10 18	3 47.50	+17 52.3	2.214	3.091	10.4	20.0
10 28	3 41.35	+17 16.3	2.163	3.104	7.0	19.9
11 7	3 33.82	+16 35.8	2.138	3.117	3.4	19.6
11 17	3 25.65	+15 53.7	2.142	3.130	1.0	19.5
11 27	3 17.74	+15 13.8	2.176	3.142	4.4	19.8
12 7	3 10.90	+14 39.7	2.239	3.155	7.8	20.0
12 17	3 5.74	+14 14.2	2.328	3.167	10.9	20.2

151375 2002 EK_{22} 11 16.2 145.°33 3.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.01	+ 8 1.4	2.412	3.207	12.5	20.1
10 18	3 47.63	+ 7 23.9	2.335	3.212	9.9	19.9
10 28	3 41.40	+ 6 46.6	2.281	3.217	7.0	19.7
11 7	3 33.84	+ 6 12.9	2.254	3.222	4.5	19.6
11 17	3 25.65	+ 5 46.2	2.256	3.226	4.0	19.6
11 27	3 17.65	+ 5 29.5	2.287	3.230	6.1	19.7
12 7	3 10.60	+ 5 24.9	2.347	3.234	8.9	19.9
12 17	3 5.09	+ 5 33.0	2.431	3.238	11.5	20.1

472455 2015 BZ_{388} 11 16.2 130.°41 2.°5/15.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.48	+13 19.6	1.676	2.475	17.0	21.5
10 18	3 55.12	+13 5.9	1.606	2.487	13.4	21.3
10 28	3 46.93	+12 49.4	1.557	2.499	9.2	21.1
11 7	3 36.66	+12 32.4	1.532	2.510	4.7	20.8
11 17	3 25.41	+12 17.8	1.536	2.521	2.6	20.7
11 27	3 14.52	+12 9.2	1.569	2.531	6.3	21.0
12 7	3 5.21	+12 9.5	1.629	2.540	10.5	21.3
12 17	2 58.34	+12 20.5	1.713	2.549	14.3	21.5

241655 2000 HL_{99} 11 16.2 151.°68 0.°4/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.77	+22 2.2	2.535	3.305	12.6	21.8
10 18	3 49.79	+21 43.4	2.450	3.314	10.0	21.6
10 28	3 42.87	+21 16.5	2.389	3.323	6.9	21.4
11 7	3 34.56	+20 42.4	2.354	3.331	3.4	21.2
11 17	3 25.60	+20 3.1	2.350	3.338	0.4	21.0
11 27	3 16.85	+19 21.7	2.377	3.345	3.8	21.3
12 7	3 9.13	+18 42.0	2.433	3.352	7.2	21.5
12 17	3 3.06	+18 7.6	2.517	3.357	10.1	21.7

266252 2006 YE_3 11 16.2 158.°93 3.°5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.50	+30 35.0	1.927	2.682	16.5	20.9
10 18	3 54.41	+30 31.4	1.842	2.689	13.5	20.7
10 28	3 46.49	+30 11.7	1.777	2.695	10.0	20.4
11 7	3 36.47	+29 34.3	1.737	2.700	6.2	20.2
11 17	3 25.43	+28 40.1	1.725	2.704	3.6	20.1
11 27	3 14.72	+27 33.3	1.742	2.708	5.2	20.2
12 7	3 5.55	+26 20.7	1.787	2.712	8.9	20.4
12 17	2 58.80	+25 10.1	1.859	2.714	12.4	20.7

11398 1998 YP_{11} 11 16.2 198.°34 10.°3/10.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 6.20	− 1 39.8	1.605	2.388	18.2	20.2
10 18	3 59.88	− 3 22.2	1.527	2.385	15.3	20.0
10 28	3 50.39	− 5 0.0	1.471	2.380	12.4	19.8
11 7	3 38.46	− 6 22.9	1.440	2.372	10.4	19.6
11 17	3 25.25	− 7 21.4	1.436	2.363	10.7	19.6
11 27	3 12.25	− 7 48.3	1.458	2.351	13.0	19.7
12 7	3 0.88	− 7 42.0	1.505	2.338	16.1	19.9
12 17	2 52.16	− 7 5.3	1.572	2.322	19.2	20.1

411006 2009 UF_{70} 11 16.2 342.°01 5.°6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 48.38	+ 7 21.2	1.853	2.671	14.8	21.2
10 18	3 45.48	+ 6 12.3	1.774	2.664	11.8	21.0
10 28	3 40.31	+ 5 2.2	1.717	2.657	8.7	20.8
11 7	3 33.45	+ 3 56.7	1.685	2.651	6.1	20.6
11 17	3 25.73	+ 3 2.0	1.681	2.645	5.9	20.6
11 27	3 18.17	+ 2 23.6	1.703	2.640	8.3	20.7
12 7	3 11.74	+ 2 4.7	1.750	2.635	11.6	20.9
12 17	3 7.18	+ 2 6.2	1.820	2.632	14.6	21.1

424770 2008 TZ_{88} 11 16.2 352.°58 0.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.45	+20 54.1	2.161	2.953	13.9	21.3
10 18	3 46.90	+20 41.5	2.074	2.951	11.0	21.1
10 28	3 41.18	+20 21.0	2.009	2.949	7.6	20.9
11 7	3 33.85	+19 53.4	1.969	2.947	3.8	20.7
11 17	3 25.70	+19 20.9	1.957	2.946	0.4	20.4
11 27	3 17.69	+18 46.9	1.975	2.945	4.3	20.7
12 7	3 10.75	+18 15.2	2.021	2.944	8.1	20.9
12 17	3 5.60	+17 49.7	2.092	2.944	11.4	21.2

516346 2017 BS_{90} 11 16.2 14.°13 2.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.86	+12 43.0	1.799	2.606	15.6	21.1
10 18	3 49.88	+12 29.1	1.721	2.607	12.3	20.9
10 28	3 43.37	+12 12.8	1.664	2.608	8.5	20.7
11 7	3 34.96	+11 56.9	1.632	2.610	4.5	20.4
11 17	3 25.60	+11 44.2	1.628	2.612	2.8	20.3
11 27	3 16.43	+11 38.1	1.652	2.614	6.1	20.6
12 7	3 8.55	+11 41.2	1.703	2.616	10.1	20.8
12 17	3 2.79	+11 55.1	1.778	2.618	13.6	21.0

407474 2010 UP_{93} 11 16.2 72.°97 2.°3/17.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.66	+27 36.4	2.051	2.816	15.4	21.1
10 18	3 51.64	+27 27.8	1.989	2.845	12.3	20.9
10 28	3 44.25	+27 6.2	1.948	2.874	8.8	20.7
11 7	3 35.24	+26 31.8	1.933	2.902	5.0	20.6
11 17	3 25.59	+25 46.4	1.946	2.930	2.3	20.4
11 27	3 16.41	+24 54.0	1.988	2.957	4.4	20.6
12 7	3 8.66	+24 0.2	2.060	2.985	7.8	20.9
12 17	3 3.00	+23 10.3	2.158	3.012	11.0	21.2

363482 2003 SE_{333} 11 16.2 95.°81 2.°6/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.42	+12 24.0	2.499	3.289	12.2	21.8
10 18	3 47.76	+11 42.5	2.434	3.312	9.5	21.7
10 28	3 41.37	+10 58.7	2.394	3.334	6.5	21.5
11 7	3 33.79	+10 15.5	2.381	3.355	3.6	21.4
11 17	3 25.72	+ 9 36.1	2.397	3.377	2.7	21.3
11 27	3 17.94	+ 9 3.9	2.444	3.397	5.1	21.5
12 7	3 11.16	+ 8 41.2	2.520	3.418	7.9	21.7
12 17	3 5.89	+ 8 29.7	2.622	3.438	10.5	21.9

36590 2000 QG_{132} 11 16.2 50.°92 0.°4/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.35	+21 24.7	1.886	2.680	15.5	19.3
10 18	3 49.42	+21 13.7	1.809	2.686	12.3	19.1
10 28	3 43.01	+20 53.6	1.753	2.693	8.5	18.9
11 7	3 34.76	+20 25.2	1.722	2.700	4.2	18.6
11 17	3 25.63	+19 50.8	1.719	2.708	0.5	18.3
11 27	3 16.76	+19 14.3	1.745	2.715	4.7	18.7
12 7	3 9.20	+18 40.3	1.798	2.722	8.8	18.9
12 17	3 3.74	+18 13.2	1.876	2.730	12.4	19.2

278631 2008 QR_{45} 11 16.2 107.°86 1.°9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.38	+24 22.6	1.781	2.560	16.8	21.0
10 18	3 54.32	+24 33.1	1.709	2.575	13.5	20.8
10 28	3 46.43	+24 32.6	1.657	2.590	9.5	20.6
11 7	3 36.45	+24 20.5	1.630	2.604	5.2	20.4
11 17	3 25.48	+23 57.5	1.631	2.618	1.9	20.2
11 27	3 14.88	+23 27.0	1.661	2.631	5.0	20.4
12 7	3 5.86	+22 54.2	1.719	2.644	9.1	20.7
12 17	2 59.27	+22 24.3	1.802	2.657	12.8	21.0

323233 2003 ST_{158} 11 16.2 72.°62 6.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.74	+ 3 2.4	2.205	3.007	13.3	20.5
10 18	3 45.97	+ 1 34.7	2.140	3.016	10.7	20.3
10 28	3 40.32	+ 0 9.3	2.099	3.024	8.2	20.2
11 7	3 33.35	− 1 7.6	2.085	3.033	6.6	20.1
11 17	3 25.77	− 2 10.3	2.098	3.041	6.7	20.1
11 27	3 18.43	− 2 54.4	2.139	3.050	8.5	20.3
12 7	3 12.11	− 3 17.6	2.207	3.058	10.9	20.4
12 17	3 7.39	− 3 20.2	2.297	3.067	13.3	20.6

330202 2006 FG_{13} 11 16.2 298.°89 4.°7/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.04	+ 8 19.6	2.268	3.073	12.9	20.8
10 18	3 45.53	+ 7 5.7	2.184	3.067	10.2	20.6
10 28	3 40.11	+ 5 49.7	2.124	3.061	7.4	20.4
11 7	3 33.29	+ 4 36.4	2.091	3.056	5.1	20.3
11 17	3 25.77	+ 3 31.3	2.086	3.050	5.0	20.2
11 27	3 18.40	+ 2 39.2	2.110	3.045	7.1	20.4
12 7	3 11.97	+ 2 3.5	2.162	3.040	10.0	20.5
12 17	3 7.11	+ 1 45.8	2.237	3.035	12.7	20.7

239099 2006 HX_{48} 11 16.2 100.°71 6.°0/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.20	+ 3 26.3	1.837	2.637	15.6	20.3
10 18	3 51.43	+ 2 51.2	1.770	2.647	12.6	20.1
10 28	3 44.25	+ 2 20.9	1.725	2.656	9.3	19.9
11 7	3 35.33	+ 2 0.1	1.705	2.665	6.7	19.8
11 17	3 25.59	+ 1 53.1	1.713	2.674	6.2	19.8
11 27	3 16.17	+ 2 2.6	1.748	2.682	8.4	19.9
12 7	3 8.07	+ 2 29.4	1.809	2.691	11.4	20.1
12 17	3 2.04	+ 3 12.2	1.894	2.699	14.4	20.4

10574 1994 YH_1 11 16.2 323.°65 1.°4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.08	+23 57.3	1.354	2.162	19.8	18.3
10 18	3 52.79	+23 48.3	1.276	2.160	15.9	18.1
10 28	3 46.00	+23 24.4	1.216	2.158	11.2	17.8
11 7	3 36.47	+22 45.6	1.178	2.156	5.9	17.5
11 17	3 25.49	+21 54.0	1.166	2.154	1.4	17.2
11 27	3 14.77	+20 55.9	1.180	2.152	6.1	17.5
12 7	3 5.93	+19 59.3	1.220	2.151	11.4	17.8
12 17	3 0.06	+19 11.9	1.282	2.149	16.1	18.1

238563 2004 XN_{60} 11 16.2 156.°40 1.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.90	+23 41.8	2.021	2.800	15.1	21.4
10 18	3 51.32	+23 30.2	1.937	2.804	12.1	21.2
10 28	3 44.27	+23 8.0	1.874	2.808	8.4	21.0
11 7	3 35.39	+22 35.6	1.837	2.812	4.4	20.8
11 17	3 25.60	+21 54.6	1.828	2.815	1.1	20.5
11 27	3 16.05	+21 9.0	1.848	2.818	4.5	20.8
12 7	3 7.79	+20 23.9	1.897	2.821	8.5	21.0
12 17	3 1.61	+19 44.3	1.972	2.823	12.0	21.3

298098 2002 RY_{79} 11 16.2 45.°27 2.°8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.86	+26 8.7	1.582	2.373	18.1	20.2
10 18	3 51.95	+26 25.1	1.516	2.387	14.6	20.0
10 28	3 45.00	+26 28.3	1.469	2.402	10.4	19.8
11 7	3 35.81	+26 17.2	1.446	2.417	6.0	19.6
11 17	3 25.57	+25 52.4	1.449	2.433	2.8	19.4
11 27	3 15.73	+25 17.7	1.479	2.449	5.4	19.6
12 7	3 7.60	+24 39.2	1.535	2.465	9.6	19.9
12 17	3 2.06	+24 3.1	1.616	2.482	13.4	20.2

210007 2006 JA_{53} 11 16.2 86.°70 2.°5/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.98	+15 55.8	1.354	2.172	19.2	20.3
10 18	3 53.06	+15 17.1	1.288	2.181	15.2	20.1
10 28	3 45.88	+14 30.5	1.241	2.189	10.4	19.8
11 7	3 36.28	+13 39.9	1.217	2.197	5.2	19.6
11 17	3 25.53	+12 50.5	1.220	2.205	2.8	19.4
11 27	3 15.21	+12 9.0	1.249	2.213	7.2	19.7
12 7	3 6.74	+11 40.8	1.303	2.221	12.0	20.0
12 17	3 1.05	+11 29.1	1.379	2.229	16.3	20.3

119327 2001 SD_{130} 11 16.2 114.°58 0.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.44	+21 29.0	1.784	2.571	16.5	21.2
10 18	3 53.44	+21 13.0	1.713	2.586	13.1	21.0
10 28	3 45.73	+20 46.9	1.663	2.601	9.0	20.8
11 7	3 36.08	+20 11.9	1.638	2.616	4.4	20.6
11 17	3 25.55	+19 30.5	1.642	2.630	0.4	20.3
11 27	3 15.42	+18 47.3	1.674	2.644	5.0	20.7
12 7	3 6.83	+18 7.6	1.735	2.657	9.3	20.9
12 17	3 0.57	+17 35.9	1.821	2.670	13.0	21.2

275589 1999 VE_{20} 11 16.2 343.°63 2.°6/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 39.09	+14 59.8	0.638	1.537	25.4	19.6
10 18	3 41.77	+15 3.4	0.577	1.517	20.5	19.2
10 28	3 39.92	+15 0.0	0.531	1.499	14.3	18.8
11 7	3 34.08	+14 53.9	0.499	1.484	7.3	18.4
11 17	3 25.69	+14 50.4	0.484	1.472	2.8	18.1
11 27	3 17.27	+14 56.4	0.486	1.462	9.6	18.4
12 7	3 11.38	+15 17.8	0.504	1.456	17.0	18.7
12 17	3 9.73	+15 57.0	0.537	1.453	23.4	19.1

175655 3306 T_{-3} 11 16.2 16.°75 0.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 48.67	+18 32.7	0.825	1.692	24.3	19.7
10 18	3 48.12	+18 28.4	0.780	1.700	19.2	19.4
10 28	3 43.29	+18 12.5	0.750	1.710	13.1	19.1
11 7	3 35.22	+17 47.7	0.739	1.722	6.4	18.8
11 17	3 25.63	+17 18.9	0.748	1.736	1.1	18.5
11 27	3 16.72	+16 53.2	0.778	1.753	7.7	19.0
12 7	3 10.33	+16 37.5	0.829	1.771	13.8	19.4
12 17	3 7.51	+16 36.0	0.899	1.791	18.9	19.8

9334 Moesta 11 16.2 104.°44 4.°3/13.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.18	+10 20.8	1.964	2.766	14.7	17.9
10 18	3 49.63	+ 9 11.1	1.900	2.782	11.5	17.7
10 28	3 42.89	+ 7 59.0	1.859	2.799	8.1	17.5
11 7	3 34.62	+ 6 49.6	1.844	2.815	5.1	17.4
11 17	3 25.70	+ 5 48.4	1.859	2.830	4.6	17.4
11 27	3 17.15	+ 5 0.4	1.902	2.846	7.1	17.6
12 7	3 9.86	+ 4 29.1	1.972	2.860	10.3	17.8
12 17	3 4.47	+ 4 15.4	2.066	2.875	13.2	18.0

44269 1998 QY_{60} 11 16.2 294.°92 7.°9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.54	+ 1 51.1	1.785	2.596	15.6	18.7
10 18	3 48.00	+ 0 22.0	1.713	2.592	12.8	18.5
10 28	3 42.06	− 1 4.2	1.663	2.588	10.0	18.3
11 7	3 34.35	− 2 19.9	1.637	2.584	8.1	18.2
11 17	3 25.75	− 3 17.7	1.638	2.581	8.4	18.2
11 27	3 17.36	− 3 51.9	1.665	2.577	10.5	18.3
12 7	3 10.19	− 4 0.1	1.717	2.573	13.3	18.5
12 17	3 5.01	− 3 43.4	1.790	2.570	16.1	18.7

378104 2006 UR_{210} 11 16.2 35.°87 4.°1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.08	+25 27.0	1.230	2.037	21.4	20.3
10 18	3 55.53	+26 20.0	1.166	2.047	17.4	20.1
10 28	3 48.08	+27 0.8	1.121	2.057	12.6	19.9
11 7	3 37.57	+27 25.4	1.096	2.068	7.5	19.6
11 17	3 25.48	+27 31.5	1.096	2.079	4.1	19.5
11 27	3 13.80	+27 21.5	1.122	2.091	6.8	19.7
12 7	3 4.31	+27 1.8	1.171	2.104	11.6	20.0
12 17	2 58.21	+26 40.1	1.243	2.117	16.0	20.3

84250 2002 SX_{36} 11 16.2 349.°06 4.°0/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.06	+25 49.1	1.458	2.259	18.9	19.0
10 18	3 51.26	+26 40.3	1.375	2.252	15.5	18.7
10 28	3 45.07	+27 21.2	1.311	2.245	11.4	18.4
11 7	3 36.14	+27 48.6	1.270	2.240	6.9	18.2
11 17	3 25.60	+28 0.2	1.253	2.235	4.0	18.0
11 27	3 15.10	+27 57.1	1.263	2.231	6.4	18.1
12 7	3 6.25	+27 43.9	1.297	2.229	10.8	18.4
12 17	3 0.26	+27 27.1	1.354	2.227	15.0	18.6

208077 1999 VW_{163} 11 16.2 359.°76 1.°3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.79	+20 11.8	1.180	2.014	20.5	19.5
10 18	3 49.04	+20 43.8	1.110	2.010	16.4	19.2
10 28	3 43.70	+21 7.9	1.058	2.007	11.5	18.9
11 7	3 35.48	+21 23.3	1.026	2.006	5.9	18.6
11 17	3 25.66	+21 29.9	1.019	2.007	1.3	18.3
11 27	3 16.05	+21 30.6	1.035	2.009	6.3	18.7
12 7	3 8.33	+21 29.9	1.076	2.013	11.8	19.0
12 17	3 3.70	+21 32.8	1.137	2.019	16.6	19.3

26862 1993 FE_{22} 11 16.2 118.°64 0.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.35	+20 28.1	1.773	2.563	16.5	20.2
10 18	3 53.40	+20 9.4	1.702	2.577	13.0	20.0
10 28	3 45.75	+19 41.3	1.651	2.591	8.9	19.8
11 7	3 36.14	+19 5.3	1.626	2.604	4.4	19.5
11 17	3 25.63	+18 24.0	1.629	2.617	0.4	19.2
11 27	3 15.51	+17 42.2	1.661	2.630	5.1	19.6
12 7	3 6.91	+17 5.0	1.721	2.642	9.4	19.9
12 17	3 0.64	+16 36.5	1.805	2.653	13.1	20.2

514705 2006 RU_{11} 11 16.2 34.°04 5.°4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.30	+30 57.7	1.451	2.235	19.8	20.7
10 18	3 52.77	+31 39.3	1.391	2.252	16.3	20.6
10 28	3 45.82	+32 3.6	1.349	2.270	12.3	20.4
11 7	3 36.32	+32 7.2	1.329	2.289	8.2	20.2
11 17	3 25.63	+31 49.1	1.334	2.308	5.5	20.1
11 27	3 15.41	+31 12.7	1.365	2.328	6.8	20.2
12 7	3 7.17	+30 25.3	1.421	2.349	10.3	20.5
12 17	3 1.85	+29 35.4	1.500	2.371	14.0	20.8

385329 2002 CQ_{245} 11 16.2 59.°12 3.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.05	+13 0.4	1.505	2.322	17.7	20.0
10 18	3 50.99	+12 12.1	1.450	2.341	13.9	19.8
10 28	3 44.15	+11 19.8	1.415	2.361	9.5	19.6
11 7	3 35.35	+10 28.2	1.404	2.381	5.2	19.5
11 17	3 25.73	+ 9 42.8	1.420	2.401	3.8	19.4
11 27	3 16.62	+ 9 8.9	1.463	2.421	7.2	19.7
12 7	3 9.16	+ 8 50.3	1.531	2.441	11.2	20.0
12 17	3 4.10	+ 8 48.3	1.623	2.461	14.8	20.2

207153 2005 CF_{25} 11 16.2 190.°03 1.°9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.48	+24 36.8	2.559	3.314	12.9	21.2
10 18	3 52.96	+24 56.6	2.461	3.313	10.4	21.0
10 28	3 45.27	+25 8.8	2.386	3.311	7.4	20.8
11 7	3 35.92	+25 12.4	2.338	3.308	4.2	20.6
11 17	3 25.68	+25 7.2	2.320	3.305	1.9	20.5
11 27	3 15.50	+24 54.7	2.333	3.301	4.0	20.6
12 7	3 6.31	+24 38.0	2.377	3.296	7.2	20.8
12 17	2 58.87	+24 20.6	2.448	3.291	10.3	21.0

476919 2008 WK_{83} 11 16.2 359.°59 4.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 46.72	+11 54.6	1.051	1.908	20.9	19.6
10 18	3 45.88	+11 27.6	0.988	1.903	16.6	19.4
10 28	3 41.51	+10 57.4	0.943	1.900	11.5	19.1
11 7	3 34.38	+10 29.6	0.918	1.898	6.4	18.8
11 17	3 25.80	+10 10.2	0.916	1.899	4.6	18.7
11 27	3 17.52	+10 4.9	0.936	1.902	8.8	18.9
12 7	3 11.13	+10 17.4	0.978	1.906	13.9	19.2
12 17	3 7.72	+10 48.2	1.040	1.913	18.5	19.5

259605 2003 UK_{280} 11 16.2 16.°38 5.°5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.40	+ 8 30.1	0.989	1.841	22.3	19.4
10 18	3 51.17	+ 8 14.6	0.936	1.846	17.8	19.1
10 28	3 45.10	+ 8 2.1	0.900	1.853	12.6	18.9
11 7	3 36.09	+ 7 58.3	0.884	1.861	7.5	18.6
11 17	3 25.67	+ 8 7.9	0.891	1.871	5.7	18.6
11 27	3 15.76	+ 8 34.4	0.920	1.882	9.5	18.8
12 7	3 8.06	+ 9 18.3	0.971	1.895	14.5	19.1
12 17	3 3.63	+10 17.8	1.042	1.908	19.1	19.5

265523 2005 MM_{37} 11 16.2 165.°62 1.°7/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.68	+24 56.1	1.821	2.599	16.6	21.3
10 18	3 53.87	+24 49.5	1.738	2.603	13.3	21.1
10 28	3 46.24	+24 30.5	1.674	2.607	9.4	20.8
11 7	3 36.48	+23 58.9	1.636	2.610	5.1	20.6
11 17	3 25.64	+23 16.1	1.626	2.612	1.7	20.4
11 27	3 15.07	+22 26.2	1.644	2.614	5.0	20.6
12 7	3 5.99	+21 35.5	1.691	2.616	9.2	20.8
12 17	2 59.30	+20 49.9	1.763	2.617	13.1	21.1

408972 2002 PT_{187} 11 16.2 117.°44 2.°2/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.10	+12 19.2	2.660	3.448	11.7	21.9
10 18	3 47.54	+11 53.2	2.586	3.461	9.1	21.8
10 28	3 41.29	+11 25.3	2.535	3.474	6.3	21.6
11 7	3 33.86	+10 57.8	2.512	3.487	3.4	21.4
11 17	3 25.89	+10 33.1	2.519	3.500	2.4	21.4
11 27	3 18.12	+10 14.1	2.557	3.512	4.7	21.6
12 7	3 11.25	+10 2.6	2.623	3.524	7.5	21.8
12 17	3 5.81	+10 0.2	2.716	3.536	10.1	22.0

356748 2011 UA_{224} 11 16.2 73.°05 0.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.12	+20 16.0	1.784	2.578	16.3	21.3
10 18	3 51.68	+20 13.2	1.715	2.593	12.8	21.1
10 28	3 44.60	+20 2.3	1.666	2.607	8.8	20.9
11 7	3 35.61	+19 44.1	1.642	2.621	4.4	20.7
11 17	3 25.73	+19 20.6	1.646	2.635	0.4	20.4
11 27	3 16.19	+18 55.3	1.679	2.649	4.9	20.8
12 7	3 8.10	+18 32.6	1.739	2.663	9.1	21.0
12 17	3 2.27	+18 16.3	1.824	2.677	12.8	21.3

229919 1995 FN_5 11 16.2 205.°43 1.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.23	+16 18.5	1.983	2.776	14.9	21.6
10 18	3 51.63	+15 55.5	1.894	2.772	11.8	21.4
10 28	3 44.57	+15 26.7	1.826	2.768	8.1	21.2
11 7	3 35.64	+14 54.0	1.784	2.763	4.0	20.9
11 17	3 25.73	+14 20.4	1.771	2.758	1.7	20.8
11 27	3 15.95	+13 49.8	1.788	2.752	5.4	21.0
12 7	3 7.38	+13 26.2	1.832	2.746	9.4	21.2
12 17	3 0.84	+13 12.8	1.902	2.739	13.0	21.4

20806 2000 SW_{220} 11 16.2 32.°54 3.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.33	+ 9 32.1	1.898	2.700	15.1	18.3
10 18	3 50.87	+ 9 30.0	1.822	2.704	12.0	18.1
10 28	3 43.99	+ 9 29.1	1.768	2.709	8.4	17.9
11 7	3 35.33	+ 9 31.9	1.740	2.714	4.7	17.7
11 17	3 25.76	+ 9 40.5	1.739	2.719	3.4	17.6
11 27	3 16.41	+ 9 57.1	1.767	2.725	6.2	17.8
12 7	3 8.29	+10 23.0	1.823	2.731	9.8	18.0
12 17	3 2.20	+10 58.3	1.903	2.737	13.2	18.3

347489 1995 TS_3 11 16.2 59.°02 0.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.47	+20 57.6	1.535	2.338	18.0	20.5
10 18	3 52.25	+20 44.1	1.475	2.358	14.2	20.3
10 28	3 45.10	+20 20.2	1.436	2.379	9.7	20.1
11 7	3 35.86	+19 47.6	1.420	2.399	4.8	19.9
11 17	3 25.73	+19 9.1	1.431	2.420	0.4	19.6
11 27	3 16.10	+18 29.8	1.470	2.441	5.4	20.0
12 7	3 8.19	+17 55.2	1.535	2.462	9.9	20.3
12 17	3 2.82	+17 29.7	1.625	2.483	13.8	20.6

368645 2005 CR_{80} 11 16.2 256.°28 6.°8/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.66	+42 0.3	2.754	3.436	13.6	21.4
10 18	3 52.84	+42 45.3	2.645	3.421	11.9	21.2
10 28	3 45.51	+43 15.9	2.556	3.406	10.0	21.0
11 7	3 36.18	+43 28.1	2.490	3.391	8.1	20.9
11 17	3 25.69	+43 19.4	2.451	3.376	6.9	20.8
11 27	3 15.16	+42 49.7	2.439	3.361	7.1	20.8
12 7	3 5.72	+42 2.3	2.455	3.345	8.5	20.9
12 17	2 58.27	+41 2.9	2.497	3.329	10.5	21.0

287192 2002 SP_{11} 11 16.2 141.°84 4.°0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.69	+29 39.2	2.242	2.986	14.8	20.8
10 18	3 55.12	+30 21.8	2.157	2.995	12.2	20.6
10 28	3 46.96	+30 53.8	2.093	3.003	9.1	20.4
11 7	3 36.82	+31 12.3	2.055	3.011	6.0	20.2
11 17	3 25.65	+31 15.8	2.046	3.019	4.0	20.1
11 27	3 14.62	+31 5.4	2.066	3.026	5.2	20.2
12 7	3 4.87	+30 44.8	2.116	3.033	8.1	20.4
12 17	2 57.26	+30 19.2	2.192	3.039	11.1	20.6

128306 2004 BD_{55} 11 16.2 138.°13 1.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.37	+15 57.0	1.829	2.623	15.9	20.6
10 18	3 53.31	+15 27.9	1.755	2.634	12.5	20.4
10 28	3 45.66	+14 52.9	1.703	2.645	8.5	20.2
11 7	3 36.13	+14 14.5	1.677	2.655	4.3	19.9
11 17	3 25.72	+13 36.3	1.679	2.665	2.0	19.8
11 27	3 15.65	+13 2.7	1.710	2.674	5.7	20.1
12 7	3 7.00	+12 37.8	1.770	2.682	9.8	20.3
12 17	3 0.57	+12 24.4	1.854	2.690	13.4	20.6

284064 2005 EZ_8 11 16.2 357.°04 3.°4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.50	+13 21.9	1.306	2.141	18.9	19.9
10 18	3 48.24	+12 53.1	1.234	2.137	14.9	19.6
10 28	3 42.82	+12 19.5	1.182	2.134	10.3	19.4
11 7	3 34.96	+11 45.5	1.152	2.132	5.5	19.1
11 17	3 25.82	+11 15.9	1.147	2.131	3.6	19.0
11 27	3 16.92	+10 56.6	1.167	2.131	7.6	19.2
12 7	3 9.67	+10 51.6	1.211	2.133	12.4	19.5
12 17	3 5.09	+11 2.8	1.276	2.135	16.7	19.8

371812 2007 TA_{60} 11 16.2 0.°48 4.°1/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.09	+29 33.8	2.417	3.164	13.8	20.4
10 18	3 52.25	+30 31.5	2.325	3.164	11.4	20.2
10 28	3 45.02	+31 20.5	2.254	3.163	8.6	20.1
11 7	3 35.91	+31 58.0	2.210	3.163	5.8	19.9
11 17	3 25.74	+32 21.8	2.194	3.164	4.2	19.8
11 27	3 15.55	+32 32.0	2.207	3.164	5.2	19.9
12 7	3 6.41	+32 31.1	2.249	3.165	7.8	20.0
12 17	2 59.17	+32 23.0	2.318	3.166	10.6	20.2

433872 2015 BP_{309} 11 16.2 314.°00 0.°1/16.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.07	+18 3.0	1.336	2.150	19.7	20.9
10 18	3 55.22	+18 20.5	1.258	2.147	15.8	20.6
10 28	3 47.79	+18 32.2	1.199	2.144	10.9	20.3
11 7	3 37.49	+18 38.0	1.162	2.142	5.4	20.0
11 17	3 25.60	+18 38.7	1.151	2.139	0.5	19.7
11 27	3 13.85	+18 37.0	1.166	2.137	6.4	20.1
12 7	3 3.93	+18 37.4	1.206	2.135	11.8	20.4
12 17	2 57.05	+18 43.9	1.269	2.133	16.5	20.6

216226 2006 UN_{162} 11 16.2 178.°60 2.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.14	+15 6.4	2.053	2.852	14.3	21.0
10 18	3 49.04	+14 33.3	1.970	2.852	11.2	20.8
10 28	3 42.69	+13 55.0	1.909	2.852	7.7	20.6
11 7	3 34.69	+13 14.2	1.874	2.852	3.9	20.4
11 17	3 25.86	+12 34.4	1.868	2.852	2.2	20.3
11 27	3 17.21	+11 59.8	1.891	2.852	5.5	20.5
12 7	3 9.70	+11 34.1	1.941	2.852	9.2	20.7
12 17	3 4.05	+11 19.8	2.017	2.852	12.5	20.9

267888 2003 YZ_{109} 11 16.2 352.°66 1.°6/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.95	+23 10.3	1.917	2.708	15.4	20.2
10 18	3 48.56	+23 26.4	1.830	2.704	12.3	20.0
10 28	3 42.63	+23 33.8	1.764	2.700	8.7	19.8
11 7	3 34.76	+23 32.0	1.722	2.697	4.7	19.5
11 17	3 25.85	+23 21.6	1.708	2.695	1.6	19.3
11 27	3 17.03	+23 4.9	1.722	2.693	4.7	19.5
12 7	3 9.44	+22 45.8	1.764	2.692	8.7	19.8
12 17	3 3.93	+22 28.7	1.830	2.692	12.3	20.0

169798 2002 PZ_{180} 11 16.2 5.°71 0.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.42	+20 50.7	1.612	2.416	17.3	19.9
10 18	3 50.87	+20 58.0	1.533	2.416	13.8	19.6
10 28	3 44.40	+20 56.7	1.474	2.416	9.6	19.4
11 7	3 35.68	+20 47.0	1.439	2.417	4.9	19.1
11 17	3 25.78	+20 30.1	1.430	2.418	0.7	18.8
11 27	3 16.07	+20 9.5	1.449	2.420	5.3	19.2
12 7	3 7.86	+19 49.9	1.494	2.422	9.9	19.4
12 17	3 2.10	+19 35.7	1.563	2.425	14.0	19.7

354448 2003 YP_{167} 11 16.2 358.°91 2.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.20	+20 52.7	1.410	2.217	19.2	19.6
10 18	3 54.54	+22 0.4	1.332	2.214	15.5	19.4
10 28	3 47.38	+23 4.0	1.272	2.212	11.0	19.1
11 7	3 37.34	+24 0.3	1.236	2.211	6.1	18.9
11 17	3 25.63	+24 46.0	1.225	2.211	2.6	18.6
11 27	3 13.96	+25 20.5	1.242	2.212	6.2	18.9
12 7	3 4.02	+25 46.0	1.284	2.214	11.0	19.2
12 17	2 57.04	+26 7.0	1.349	2.217	15.4	19.4

268277 2005 PB_{22} 11 16.2 105.°08 4.°5/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.31	+31 3.6	1.653	2.418	18.5	20.9
10 18	3 55.58	+31 23.2	1.580	2.431	15.2	20.7
10 28	3 47.62	+31 26.0	1.526	2.443	11.4	20.5
11 7	3 37.22	+31 9.3	1.495	2.455	7.4	20.3
11 17	3 25.66	+30 32.6	1.491	2.467	4.6	20.1
11 27	3 14.51	+29 39.8	1.514	2.479	6.1	20.2
12 7	3 5.18	+28 38.4	1.564	2.490	9.8	20.5
12 17	2 58.64	+27 36.5	1.639	2.501	13.5	20.7

456039 2005 YL_{166} 11 16.2 263.°07 2.°2/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.82	+27 47.1	2.400	3.162	13.5	21.6
10 18	3 48.78	+27 35.1	2.294	3.149	11.0	21.4
10 28	3 42.55	+27 10.9	2.211	3.135	7.9	21.2
11 7	3 34.67	+26 34.3	2.152	3.121	4.6	20.9
11 17	3 25.88	+25 46.2	2.123	3.107	2.2	20.7
11 27	3 17.17	+24 49.9	2.123	3.092	4.2	20.9
12 7	3 9.47	+23 50.2	2.153	3.078	7.6	21.1
12 17	3 3.53	+22 52.5	2.210	3.063	10.8	21.2

26927 1997 CD_4 11 16.2 44.°68 0.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.23	+19 30.2	1.267	2.089	20.1	17.9
10 18	3 51.94	+19 3.2	1.206	2.101	15.8	17.7
10 28	3 45.27	+18 24.9	1.164	2.113	10.8	17.4
11 7	3 36.09	+17 38.0	1.145	2.126	5.2	17.2
11 17	3 25.78	+16 47.1	1.150	2.139	1.1	16.9
11 27	3 15.97	+15 59.2	1.182	2.152	6.5	17.3
12 7	3 8.12	+15 20.7	1.238	2.166	11.6	17.7
12 17	3 3.15	+14 56.4	1.317	2.180	16.0	18.0

460165 2014 QW_{23} 11 16.2 15.°34 5.°0/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.98	+32 50.9	1.831	2.595	17.0	20.9
10 18	3 49.67	+33 14.4	1.752	2.599	14.1	20.7
10 28	3 43.52	+33 21.5	1.692	2.604	10.8	20.5
11 7	3 35.23	+33 9.8	1.655	2.609	7.4	20.3
11 17	3 25.84	+32 38.7	1.644	2.615	5.1	20.2
11 27	3 16.71	+31 51.1	1.660	2.622	6.1	20.3
12 7	3 9.06	+30 53.3	1.703	2.629	9.1	20.5
12 17	3 3.80	+29 52.5	1.771	2.637	12.4	20.7

143244 2002 YJ_{26} 11 16.2 299.°15 5.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.02	+ 5 59.4	1.878	2.686	15.1	19.8
10 18	3 49.21	+ 5 22.6	1.792	2.675	12.1	19.6
10 28	3 42.99	+ 4 47.4	1.728	2.665	8.9	19.4
11 7	3 34.93	+ 4 18.6	1.689	2.654	6.1	19.2
11 17	3 25.87	+ 4 0.7	1.676	2.644	5.5	19.2
11 27	3 16.90	+ 3 57.5	1.692	2.634	8.0	19.3
12 7	3 9.07	+ 4 10.9	1.733	2.624	11.3	19.5
12 17	3 3.21	+ 4 41.1	1.798	2.614	14.6	19.7

302797 2002 XR_{118} 11 16.2 1.°69 0.°9/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.11	+19 16.9	1.743	2.549	16.1	20.7
10 18	3 48.72	+18 43.9	1.663	2.548	12.7	20.5
10 28	3 42.73	+18 1.3	1.603	2.548	8.7	20.3
11 7	3 34.80	+17 11.5	1.568	2.548	4.2	20.0
11 17	3 25.89	+16 18.2	1.560	2.548	1.1	19.8
11 27	3 17.20	+15 26.9	1.581	2.549	5.4	20.1
12 7	3 9.86	+14 43.0	1.628	2.550	9.8	20.3
12 17	3 4.70	+14 10.9	1.700	2.551	13.6	20.6

328433 2008 TW_{11} 11 16.2 168.°72 4.°3/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.64	+ 7 52.4	2.540	3.337	11.9	21.0
10 18	3 45.77	+ 6 45.4	2.460	3.339	9.4	20.8
10 28	3 40.19	+ 5 37.3	2.405	3.340	6.8	20.6
11 7	3 33.40	+ 4 32.3	2.377	3.341	4.7	20.5
11 17	3 26.02	+ 3 35.0	2.378	3.341	4.5	20.5
11 27	3 18.80	+ 2 49.4	2.409	3.342	6.5	20.6
12 7	3 12.44	+ 2 18.3	2.467	3.343	9.0	20.8
12 17	3 7.49	+ 2 2.7	2.550	3.343	11.5	21.0

7234 1986 QV_3 11 16.2 31.°96 5.°3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.45	+10 23.1	0.970	1.822	22.7	15.8
10 18	3 51.83	+ 9 46.6	0.928	1.838	17.9	15.6
10 28	3 45.37	+ 9 9.7	0.902	1.855	12.5	15.4
11 7	3 36.16	+ 8 38.9	0.897	1.874	7.2	15.2
11 17	3 25.80	+ 8 20.5	0.914	1.894	5.5	15.1
11 27	3 16.17	+ 8 19.6	0.954	1.915	9.4	15.4
12 7	3 8.87	+ 8 38.1	1.016	1.937	14.3	15.8
12 17	3 4.79	+ 9 14.9	1.098	1.960	18.6	16.1

107551 2001 DY_{74} 11 16.2 159.°34 2.°7/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.61	+13 46.6	2.080	2.869	14.4	20.8
10 18	3 52.39	+12 59.2	2.001	2.878	11.3	20.6
10 28	3 44.88	+12 6.9	1.945	2.885	7.8	20.4
11 7	3 35.74	+11 13.2	1.916	2.892	4.2	20.2
11 17	3 25.83	+10 22.2	1.917	2.898	2.9	20.1
11 27	3 16.18	+ 9 38.6	1.948	2.903	5.9	20.3
12 7	3 7.77	+ 9 6.2	2.007	2.908	9.5	20.6
12 17	3 1.29	+ 8 47.5	2.091	2.911	12.7	20.8

260413 2004 XZ_{28} 11 16.2 156.°97 1.°3/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.36	+18 8.9	1.604	2.404	17.5	21.1
10 18	3 53.83	+17 40.6	1.526	2.409	13.8	20.9
10 28	3 46.33	+17 3.5	1.470	2.413	9.5	20.7
11 7	3 36.60	+16 19.8	1.438	2.417	4.6	20.4
11 17	3 25.76	+15 33.4	1.433	2.421	1.4	20.2
11 27	3 15.23	+14 49.6	1.457	2.424	6.0	20.5
12 7	3 6.29	+14 14.0	1.507	2.426	10.6	20.8
12 17	2 59.88	+13 50.8	1.582	2.428	14.7	21.0

395377 2011 SD_{43} 11 16.2 158.°33 1.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.46	+23 1.8	2.059	2.837	14.9	21.9
10 18	3 51.78	+22 59.0	1.974	2.841	11.9	21.7
10 28	3 44.66	+22 46.7	1.911	2.845	8.3	21.5
11 7	3 35.71	+22 25.2	1.873	2.848	4.3	21.2
11 17	3 25.84	+21 55.7	1.864	2.852	1.1	21.0
11 27	3 16.17	+21 21.5	1.884	2.854	4.5	21.2
12 7	3 7.75	+20 47.1	1.933	2.857	8.4	21.5
12 17	3 1.37	+20 16.9	2.008	2.859	11.9	21.7

233943 Falera 11 16.2 50.°33 0.°8/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.48	+23 56.1	2.196	2.977	14.0	20.5
10 18	3 47.67	+23 30.9	2.114	2.984	11.1	20.3
10 28	3 41.71	+22 55.1	2.055	2.990	7.7	20.1
11 7	3 34.20	+22 9.7	2.021	2.997	4.0	19.9
11 17	3 25.97	+21 17.2	2.016	3.004	0.8	19.6
11 27	3 17.98	+20 21.8	2.041	3.011	4.1	19.9
12 7	3 11.11	+19 28.4	2.094	3.019	7.8	20.2
12 17	3 6.05	+18 41.5	2.173	3.026	11.0	20.4

56704 2000 LC_{31} 11 16.2 121.°95 4.°3/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.59	+ 8 51.8	1.681	2.487	16.6	19.1
10 18	3 52.94	+ 8 27.0	1.609	2.493	13.2	18.9
10 28	3 45.57	+ 8 2.7	1.558	2.499	9.3	18.7
11 7	3 36.19	+ 7 42.9	1.532	2.504	5.6	18.5
11 17	3 25.82	+ 7 31.4	1.533	2.510	4.5	18.4
11 27	3 15.72	+ 7 31.7	1.562	2.515	7.4	18.6
12 7	3 7.08	+ 7 45.6	1.618	2.520	11.2	18.8
12 17	3 0.74	+ 8 13.6	1.697	2.525	14.8	19.1

236510 2006 GA_{43} 11 16.2 129.°61 6.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.86	+ 3 27.5	2.006	2.806	14.5	20.4
10 18	3 49.44	+ 2 12.3	1.940	2.815	11.7	20.2
10 28	3 42.86	+ 0 59.8	1.898	2.824	8.9	20.0
11 7	3 34.75	− 0 4.1	1.881	2.833	6.8	19.9
11 17	3 25.95	− 0 53.4	1.892	2.842	6.8	20.0
11 27	3 17.43	− 1 23.9	1.931	2.850	8.8	20.1
12 7	3 10.09	− 1 33.6	1.996	2.858	11.5	20.3
12 17	3 4.59	− 1 23.0	2.083	2.865	14.1	20.5

349337 2007 VZ_{56} 11 16.2 60.°38 2.°4/15.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.29	+13 35.6	1.610	2.417	17.2	21.0
10 18	3 52.62	+13 21.7	1.554	2.440	13.4	20.8
10 28	3 45.23	+13 4.9	1.519	2.463	9.1	20.6
11 7	3 35.94	+12 47.9	1.508	2.486	4.7	20.4
11 17	3 25.85	+12 33.6	1.525	2.510	2.5	20.3
11 27	3 16.25	+12 25.6	1.570	2.533	6.1	20.6
12 7	3 8.24	+12 26.5	1.641	2.556	10.2	20.9
12 17	3 2.61	+12 37.8	1.736	2.580	13.8	21.1

336105 2008 HN_{67} 11 16.2 133.°76 0.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.41	+18 30.3	1.840	2.630	16.0	22.2
10 18	3 53.39	+18 7.6	1.766	2.642	12.6	22.0
10 28	3 45.76	+17 37.2	1.713	2.654	8.6	21.8
11 7	3 36.24	+17 0.8	1.686	2.664	4.2	21.5
11 17	3 25.83	+16 21.6	1.687	2.675	1.0	21.3
11 27	3 15.75	+15 44.0	1.717	2.685	5.2	21.7
12 7	3 7.11	+15 12.4	1.776	2.694	9.4	21.9
12 17	3 0.70	+14 50.6	1.860	2.702	13.0	22.2

63623 2001 QN_{79} 11 16.2 9.°36 1.°7/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.29	+23 31.8	1.291	2.109	20.1	18.5
10 18	3 50.73	+23 36.7	1.220	2.110	16.1	18.2
10 28	3 44.70	+23 28.2	1.168	2.111	11.4	18.0
11 7	3 35.97	+23 5.8	1.137	2.114	6.0	17.7
11 17	3 25.84	+22 31.3	1.130	2.118	1.7	17.4
11 27	3 16.02	+21 49.9	1.149	2.122	6.0	17.7
12 7	3 8.07	+21 8.8	1.193	2.127	11.2	18.0
12 17	3 3.08	+20 34.8	1.258	2.133	15.8	18.3

216184 2006 TT_{60} 11 16.2 35.°73 2.°2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.18	+15 55.2	1.699	2.510	16.2	20.7
10 18	3 48.70	+15 16.3	1.628	2.518	12.7	20.5
10 28	3 42.65	+14 30.7	1.579	2.526	8.7	20.3
11 7	3 34.74	+13 41.9	1.555	2.534	4.4	20.1
11 17	3 25.95	+12 54.3	1.557	2.542	2.4	20.0
11 27	3 17.47	+12 13.2	1.588	2.551	6.0	20.2
12 7	3 10.38	+11 43.1	1.645	2.561	10.1	20.5
12 17	3 5.44	+11 26.8	1.726	2.571	13.8	20.7

12200 1981 EM_{7} 11 16.2 92.°94 0.°7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.78	+19 53.1	1.868	2.658	15.8	17.8
10 18	3 51.93	+19 17.2	1.803	2.680	12.4	17.7
10 28	3 44.62	+18 32.2	1.760	2.701	8.4	17.5
11 7	3 35.61	+17 40.6	1.743	2.722	4.1	17.3
11 17	3 25.89	+16 46.0	1.755	2.743	0.9	17.1
11 27	3 16.62	+15 53.5	1.796	2.763	5.0	17.4
12 7	3 8.78	+15 8.2	1.865	2.783	9.0	17.7
12 17	3 3.09	+14 33.8	1.959	2.802	12.4	17.9

289955 2005 NT_{67} 11 16.2 177.°86 2.°6/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.07	+27 20.9	1.830	2.600	16.8	21.5
10 18	3 54.31	+27 18.2	1.743	2.602	13.6	21.3
10 28	3 46.65	+27 1.5	1.676	2.603	9.8	21.0
11 7	3 36.79	+26 29.7	1.634	2.604	5.7	20.8
11 17	3 25.80	+25 43.6	1.619	2.604	2.6	20.6
11 27	3 15.05	+24 47.5	1.634	2.603	5.1	20.8
12 7	3 5.81	+23 47.8	1.676	2.602	9.2	21.0
12 17	2 59.01	+22 51.5	1.744	2.601	13.1	21.2

208061 1999 UP_{18} 11 16.2 291.°78 2.°9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.96	+24 0.1	1.754	2.536	17.0	20.1
10 18	3 54.63	+24 47.4	1.659	2.526	13.8	19.9
10 28	3 47.20	+25 27.5	1.585	2.516	10.0	19.6
11 7	3 37.23	+25 57.8	1.535	2.506	5.8	19.4
11 17	3 25.75	+26 16.3	1.512	2.496	2.9	19.2
11 27	3 14.18	+26 23.3	1.518	2.486	5.6	19.3
12 7	3 3.99	+26 22.3	1.551	2.477	9.9	19.6
12 17	2 56.32	+26 18.0	1.609	2.467	13.9	19.8

263030 2007 FB_{21} 11 16.2 235.°34 5.°2/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.07	+ 5 44.7	2.205	3.007	13.3	20.9
10 18	3 47.22	+ 4 44.7	2.126	3.004	10.7	20.7
10 28	3 41.37	+ 3 45.3	2.069	3.002	7.9	20.5
11 7	3 34.08	+ 2 51.3	2.039	2.999	5.7	20.4
11 17	3 26.05	+ 2 7.6	2.036	2.996	5.5	20.4
11 27	3 18.19	+ 1 38.4	2.063	2.994	7.5	20.5
12 7	3 11.31	+ 1 26.0	2.116	2.991	10.3	20.7
12 17	3 6.06	+ 1 31.0	2.192	2.988	13.0	20.8

172675 2003 YM_{134} 11 16.2 1.°09 3.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.24	+ 8 32.4	1.398	2.219	18.6	19.1
10 18	3 52.60	+ 8 48.8	1.325	2.217	14.8	18.9
10 28	3 45.78	+ 9 9.5	1.271	2.216	10.4	18.6
11 7	3 36.48	+ 9 37.3	1.240	2.216	5.9	18.4
11 17	3 25.85	+10 13.7	1.235	2.217	3.9	18.2
11 27	3 15.40	+10 59.9	1.257	2.219	7.4	18.5
12 7	3 6.59	+11 55.8	1.304	2.222	12.0	18.7
12 17	3 0.44	+13 0.4	1.373	2.226	16.1	19.0

305912 2009 FH_{55} 11 16.2 166.°04 0.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.10	+17 16.4	1.929	2.725	15.2	21.4
10 18	3 50.83	+17 5.4	1.846	2.726	12.0	21.2
10 28	3 44.09	+16 48.6	1.784	2.726	8.2	21.0
11 7	3 35.49	+16 27.6	1.748	2.727	4.0	20.8
11 17	3 25.94	+16 4.5	1.740	2.728	1.1	20.5
11 27	3 16.56	+15 43.0	1.761	2.728	5.1	20.8
12 7	3 8.42	+15 26.5	1.809	2.728	9.2	21.1
12 17	3 2.33	+15 18.2	1.883	2.729	12.8	21.3

442330 2011 SY_{162} 11 16.2 41.°50 2.°1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.41	+26 12.0	1.768	2.553	16.7	21.2
10 18	3 50.66	+26 5.1	1.687	2.556	13.5	21.0
10 28	3 44.14	+25 44.5	1.627	2.560	9.6	20.7
11 7	3 35.55	+25 10.0	1.592	2.564	5.4	20.5
11 17	3 25.94	+24 23.5	1.583	2.569	2.1	20.3
11 27	3 16.59	+23 29.2	1.602	2.573	4.9	20.5
12 7	3 8.70	+22 33.6	1.649	2.578	9.1	20.8
12 17	3 3.14	+21 42.9	1.720	2.582	12.9	21.0

333631 2008 GN_{50} 11 16.2 159.°52 0.°7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.91	+21 36.0	1.920	2.698	15.8	21.7
10 18	3 54.66	+21 35.2	1.837	2.705	12.6	21.5
10 28	3 46.73	+21 25.6	1.776	2.711	8.8	21.3
11 7	3 36.79	+21 7.3	1.740	2.716	4.5	21.1
11 17	3 25.84	+20 41.8	1.733	2.721	0.7	20.8
11 27	3 15.13	+20 12.2	1.755	2.725	4.8	21.1
12 7	3 5.82	+19 43.3	1.807	2.729	9.0	21.4
12 17	2 58.76	+19 19.3	1.884	2.731	12.7	21.6

444633 2006 WL_{71} 11 16.2 61.°67 0.°8/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.35	+21 28.8	1.868	2.658	15.8	21.5
10 18	3 51.11	+21 33.6	1.793	2.667	12.5	21.3
10 28	3 44.30	+21 30.0	1.739	2.677	8.7	21.1
11 7	3 35.59	+21 18.4	1.710	2.687	4.4	20.9
11 17	3 25.94	+20 59.9	1.708	2.696	0.8	20.7
11 27	3 16.56	+20 37.8	1.736	2.706	4.7	21.0
12 7	3 8.54	+20 16.1	1.791	2.717	8.8	21.2
12 17	3 2.68	+19 58.9	1.871	2.727	12.4	21.5

118389 1999 JV_{42} 11 16.2 137.°12 0.°9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.56	+20 48.6	2.486	3.252	13.0	20.4
10 18	3 52.96	+21 11.5	2.402	3.263	10.3	20.2
10 28	3 45.24	+21 29.0	2.341	3.273	7.2	20.0
11 7	3 35.97	+21 40.7	2.308	3.283	3.7	19.8
11 17	3 25.91	+21 46.5	2.305	3.293	0.9	19.6
11 27	3 16.01	+21 48.0	2.333	3.302	3.9	19.9
12 7	3 7.16	+21 47.5	2.391	3.310	7.2	20.1
12 17	3 0.04	+21 47.6	2.477	3.319	10.2	20.3

189909 2003 SB_{110} 11 16.2 26.°32 0.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.21	+22 21.0	1.965	2.758	15.0	19.3
10 18	3 47.73	+22 3.1	1.888	2.765	11.9	19.1
10 28	3 41.91	+21 35.2	1.832	2.771	8.2	18.9
11 7	3 34.39	+20 58.5	1.801	2.779	4.1	18.7
11 17	3 26.04	+20 15.6	1.798	2.786	0.6	18.4
11 27	3 17.95	+19 30.5	1.824	2.794	4.5	18.7
12 7	3 11.08	+18 48.2	1.877	2.803	8.4	19.0
12 17	3 6.17	+18 12.9	1.956	2.812	11.9	19.2

133444 2003 SF_{217} 11 16.2 92.°32 1.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.21	+22 3.0	2.403	3.175	13.2	19.4
10 18	3 50.42	+22 19.4	2.322	3.186	10.5	19.2
10 28	3 43.54	+22 29.2	2.265	3.197	7.3	19.0
11 7	3 35.14	+22 32.2	2.234	3.209	3.8	18.8
11 17	3 25.98	+22 28.8	2.232	3.219	1.1	18.6
11 27	3 17.01	+22 20.8	2.261	3.230	3.9	18.9
12 7	3 9.09	+22 11.1	2.319	3.241	7.2	19.1
12 17	3 2.89	+22 2.6	2.403	3.252	10.2	19.3

395942 2013 AM_{121} 11 16.2 46.°12 3.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.27	+11 10.0	1.709	2.520	16.2	20.8
10 18	3 50.30	+10 43.4	1.639	2.527	12.8	20.6
10 28	3 43.76	+10 15.2	1.590	2.534	8.9	20.4
11 7	3 35.32	+ 9 49.1	1.566	2.541	5.0	20.2
11 17	3 25.97	+ 9 28.7	1.568	2.549	3.7	20.2
11 27	3 16.90	+ 9 18.1	1.599	2.556	6.8	20.4
12 7	3 9.21	+ 9 19.7	1.656	2.564	10.6	20.6
12 17	3 3.69	+ 9 34.6	1.737	2.573	14.1	20.9

331054 2009 VO_{115} 11 16.2 334.°98 3.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.55	+ 8 2.7	2.291	3.087	13.0	20.3
10 18	3 48.33	+ 7 41.2	2.208	3.086	10.3	20.1
10 28	3 42.12	+ 7 20.6	2.149	3.086	7.3	19.9
11 7	3 34.45	+ 7 3.9	2.115	3.085	4.6	19.8
11 17	3 26.05	+ 6 54.1	2.111	3.085	3.9	19.7
11 27	3 17.78	+ 6 53.6	2.136	3.084	6.1	19.9
12 7	3 10.48	+ 7 4.1	2.188	3.084	9.1	20.1
12 17	3 4.81	+ 7 26.2	2.266	3.083	11.9	20.2

53767 2000 EV_{84} 11 16.2 63.°32 9.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.55	− 0 53.0	1.709	2.518	16.3	18.0
10 18	3 48.66	− 2 45.8	1.663	2.536	13.4	17.9
10 28	3 42.42	− 4 31.1	1.639	2.555	10.9	17.8
11 7	3 34.57	− 6 0.2	1.640	2.573	9.3	17.7
11 17	3 26.05	− 7 5.3	1.667	2.592	9.7	17.8
11 27	3 17.97	− 7 41.8	1.719	2.611	11.5	18.0
12 7	3 11.25	− 7 49.0	1.795	2.630	13.8	18.2
12 17	3 6.56	− 7 29.4	1.891	2.648	16.1	18.4

368847 2006 EW_{55} 11 16.2 290.°59 1.°6/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.52	+24 37.4	2.233	3.009	13.9	21.6
10 18	3 48.72	+24 37.2	2.132	2.997	11.2	21.4
10 28	3 42.65	+24 27.3	2.053	2.985	8.0	21.2
11 7	3 34.82	+24 7.5	2.000	2.973	4.4	21.0
11 17	3 26.02	+23 38.6	1.974	2.961	1.6	20.7
11 27	3 17.26	+23 3.4	1.978	2.949	4.2	20.9
12 7	3 9.54	+22 26.2	2.011	2.937	7.9	21.1
12 17	3 3.64	+21 51.3	2.070	2.925	11.4	21.3

236946 2007 TL_{365} 11 16.2 112.°07 2.°2/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.76	+25 4.3	2.037	2.804	15.4	21.2
10 18	3 54.36	+25 21.9	1.963	2.821	12.4	21.1
10 28	3 46.41	+25 29.6	1.910	2.838	8.8	20.9
11 7	3 36.60	+25 26.3	1.883	2.854	4.9	20.7
11 17	3 25.90	+25 12.3	1.885	2.870	2.2	20.5
11 27	3 15.50	+24 50.1	1.916	2.885	4.6	20.7
12 7	3 6.50	+24 24.1	1.977	2.900	8.2	21.0
12 17	2 59.68	+23 58.8	2.063	2.914	11.6	21.2

404570 2013 JL_{59} 11 16.3 88.°05 0.°4/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.87	+18 47.8	2.210	2.997	13.7	21.4
10 18	3 49.43	+18 36.6	2.135	3.009	10.8	21.2
10 28	3 42.89	+18 19.2	2.082	3.022	7.4	21.0
11 7	3 34.82	+17 57.0	2.056	3.034	3.6	20.8
11 17	3 26.05	+17 32.0	2.058	3.047	0.5	20.6
11 27	3 17.52	+17 7.2	2.090	3.059	4.3	20.9
12 7	3 10.11	+16 46.0	2.151	3.071	7.9	21.2
12 17	3 4.48	+16 31.2	2.238	3.083	11.0	21.4

386658 2009 UF_{12} 11 16.3 1.°54 2.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 47.80	+19 41.5	1.116	1.960	20.8	19.5
10 18	3 46.67	+18 31.6	1.049	1.957	16.5	19.2
10 28	3 42.03	+17 4.3	1.001	1.956	11.2	19.0
11 7	3 34.72	+15 25.4	0.974	1.956	5.5	18.6
11 17	3 26.07	+13 44.0	0.971	1.957	2.7	18.5
11 27	3 17.81	+12 11.8	0.992	1.960	7.8	18.8
12 7	3 11.46	+10 58.9	1.036	1.964	13.3	19.1
12 17	3 8.03	+10 10.9	1.101	1.970	18.1	19.4

460896 2014 WS_{179} 11 16.3 83.°66 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.99	+14 35.4	2.369	3.157	12.9	20.8
10 18	3 49.38	+14 34.9	2.291	3.167	10.1	20.7
10 28	3 42.80	+14 31.8	2.236	3.176	6.9	20.5
11 7	3 34.79	+14 27.6	2.208	3.186	3.4	20.3
11 17	3 26.08	+14 23.8	2.209	3.196	1.4	20.1
11 27	3 17.56	+14 22.5	2.240	3.205	4.4	20.4
12 7	3 10.04	+14 25.7	2.301	3.215	7.8	20.6
12 17	3 4.17	+14 35.1	2.388	3.224	10.7	20.8

369803 2012 HZ_{39} 11 16.3 188.°78 7.°5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.99	− 7 44.6	2.985	3.751	11.0	21.4
10 18	3 45.81	− 9 8.1	2.917	3.750	9.5	21.3
10 28	3 40.15	−10 24.2	2.873	3.749	8.2	21.2
11 7	3 33.43	−11 28.0	2.855	3.747	7.6	21.2
11 17	3 26.19	−12 15.0	2.864	3.745	7.9	21.2
11 27	3 19.08	−12 42.3	2.900	3.742	9.0	21.3
12 7	3 12.69	−12 49.0	2.961	3.739	10.4	21.4
12 17	3 7.52	−12 36.2	3.044	3.736	11.9	21.5

263914 2009 FZ_{65} 11 16.3 347.°79 3.°4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.18	+12 44.0	1.780	2.592	15.6	20.6
10 18	3 48.68	+11 56.7	1.701	2.590	12.3	20.4
10 28	3 42.69	+11 4.9	1.644	2.589	8.5	20.1
11 7	3 34.86	+10 12.6	1.611	2.587	4.8	19.9
11 17	3 26.10	+ 9 24.8	1.606	2.586	3.7	19.8
11 27	3 17.53	+ 8 46.8	1.629	2.585	6.8	20.0
12 7	3 10.23	+ 8 22.6	1.678	2.585	10.6	20.3
12 17	3 4.98	+ 8 14.2	1.751	2.584	14.1	20.5

479339 2013 WP_{26} 11 16.3 341.°01 2.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.39	+26 17.3	1.315	2.125	20.2	20.7
10 18	3 50.93	+26 1.5	1.236	2.120	16.3	20.5
10 28	3 44.95	+25 27.2	1.175	2.115	11.7	20.2
11 7	3 36.20	+24 33.9	1.135	2.111	6.4	19.9
11 17	3 25.98	+23 24.5	1.120	2.107	2.1	19.6
11 27	3 16.02	+22 6.0	1.131	2.104	6.1	19.9
12 7	3 7.92	+20 48.4	1.167	2.102	11.4	20.2
12 17	3 2.80	+19 40.8	1.225	2.100	16.2	20.4

18821 Markhavel 11 16.3 16.°24 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.84	+17 4.0	1.843	2.649	15.4	18.1
10 18	3 48.36	+16 40.8	1.765	2.651	12.1	17.9
10 28	3 42.44	+16 11.1	1.709	2.654	8.3	17.7
11 7	3 34.73	+15 37.2	1.678	2.657	4.1	17.4
11 17	3 26.11	+15 2.3	1.674	2.661	1.5	17.2
11 27	3 17.71	+14 30.7	1.698	2.665	5.3	17.5
12 7	3 10.57	+14 6.4	1.750	2.669	9.4	17.8
12 17	3 5.44	+13 52.5	1.826	2.674	12.9	18.0

374768 2006 ST_{292} 11 16.3 325.°58 5.°0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.53	+28 43.4	1.327	2.124	20.7	20.5
10 18	3 53.76	+29 24.5	1.244	2.116	17.1	20.2
10 28	3 47.19	+29 50.6	1.179	2.108	12.8	19.9
11 7	3 37.46	+29 57.5	1.134	2.101	8.2	19.7
11 17	3 25.88	+29 42.6	1.114	2.094	5.1	19.5
11 27	3 14.34	+29 8.2	1.119	2.087	7.2	19.6
12 7	3 4.73	+28 21.7	1.148	2.081	11.8	19.8
12 17	2 58.39	+27 32.6	1.200	2.076	16.3	20.1

165439 2000 YK_{87} 11 16.3 328.°58 0.°7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.87	+18 35.1	1.499	2.314	17.8	19.5
10 18	3 49.99	+18 22.7	1.414	2.305	14.2	19.3
10 28	3 44.05	+18 1.6	1.349	2.295	9.8	19.0
11 7	3 35.71	+17 33.4	1.306	2.287	4.8	18.7
11 17	3 26.03	+17 1.0	1.290	2.278	0.9	18.4
11 27	3 16.45	+16 29.4	1.301	2.271	6.0	18.7
12 7	3 8.36	+16 3.8	1.337	2.264	11.0	19.0
12 17	3 2.81	+15 48.8	1.395	2.257	15.4	19.2

489226 2006 KE_{75} 11 16.3 273.°24 4.°9/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.16	+ 3 12.8	2.527	3.312	12.3	21.8
10 18	3 49.57	+ 2 50.0	2.423	3.290	10.0	21.7
10 28	3 43.03	+ 2 30.6	2.342	3.268	7.5	21.5
11 7	3 34.99	+ 2 18.2	2.288	3.245	5.4	21.3
11 17	3 26.10	+ 2 15.8	2.262	3.222	5.1	21.2
11 27	3 17.18	+ 2 26.0	2.266	3.198	6.9	21.3
12 7	3 9.04	+ 2 49.9	2.299	3.175	9.6	21.4
12 17	3 2.39	+ 3 27.5	2.357	3.151	12.2	21.6

19126 Ottohahn 11 16.3 107.°32 3.°4/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.73	+13 34.3	1.909	2.708	15.2	18.6
10 18	3 51.01	+12 24.6	1.844	2.726	11.9	18.4
10 28	3 43.99	+11 9.7	1.802	2.744	8.2	18.2
11 7	3 35.37	+ 9 54.4	1.786	2.761	4.6	18.1
11 17	3 26.09	+ 8 44.2	1.800	2.778	3.6	18.0
11 27	3 17.20	+ 7 44.9	1.842	2.794	6.5	18.3
12 7	3 9.65	+ 7 0.9	1.912	2.810	10.0	18.5
12 17	3 4.09	+ 6 34.0	2.007	2.826	13.2	18.7

492982 2014 SM_{158} 11 16.3 0.°88 2.°4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.44	+25 5.7	2.167	2.941	14.4	21.0
10 18	3 50.29	+25 33.1	2.079	2.940	11.6	20.8
10 28	3 43.76	+25 52.1	2.012	2.940	8.4	20.6
11 7	3 35.41	+26 1.3	1.970	2.940	4.9	20.4
11 17	3 26.08	+26 0.6	1.956	2.940	2.4	20.3
11 27	3 16.83	+25 51.4	1.972	2.941	4.5	20.4
12 7	3 8.70	+25 37.1	2.016	2.941	8.0	20.6
12 17	3 2.52	+25 21.8	2.086	2.942	11.2	20.8

326827 2003 UL_{7} 11 16.3 10.°87 2.°1/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.11	+24 10.6	2.219	2.991	14.1	20.7
10 18	3 50.73	+24 38.4	2.130	2.992	11.4	20.5
10 28	3 44.02	+24 58.6	2.063	2.993	8.1	20.3
11 7	3 35.52	+25 10.0	2.022	2.994	4.6	20.1
11 17	3 26.07	+25 12.4	2.010	2.995	2.1	19.9
11 27	3 16.70	+25 7.1	2.027	2.996	4.3	20.1
12 7	3 8.43	+24 57.4	2.072	2.997	7.8	20.3
12 17	3 2.06	+24 46.7	2.144	2.999	11.1	20.5

60757 2000 GK_{107} 11 16.3 50.°83 1.°6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.14	+15 37.5	1.094	1.924	22.1	17.9
10 18	3 56.23	+15 42.8	1.043	1.941	17.4	17.6
10 28	3 48.45	+15 42.9	1.009	1.959	11.9	17.4
11 7	3 37.81	+15 39.7	0.997	1.977	5.8	17.1
11 17	3 25.90	+15 35.7	1.008	1.996	1.7	16.9
11 27	3 14.66	+15 34.9	1.045	2.015	7.1	17.3
12 7	3 5.74	+15 41.2	1.106	2.035	12.6	17.7
12 17	3 0.15	+15 57.3	1.188	2.055	17.2	18.0

358752 2008 CF_{151} 11 16.3 50.°02 3.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.00	+13 26.6	1.869	2.677	15.1	20.5
10 18	3 48.33	+12 33.7	1.795	2.682	11.9	20.3
10 28	3 42.33	+11 35.8	1.744	2.688	8.2	20.1
11 7	3 34.64	+10 37.1	1.718	2.694	4.5	19.9
11 17	3 26.15	+ 9 42.5	1.720	2.700	3.4	19.9
11 27	3 17.92	+ 8 57.4	1.750	2.707	6.4	20.1
12 7	3 10.93	+ 8 25.6	1.808	2.713	10.1	20.3
12 17	3 5.90	+ 8 9.4	1.889	2.720	13.4	20.5

345820 2007 HL_{26} 11 16.3 147.°57 0.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.74	+20 17.9	1.992	2.772	15.2	22.0
10 18	3 53.62	+20 17.5	1.911	2.781	12.1	21.8
10 28	3 45.98	+20 9.7	1.851	2.788	8.3	21.5
11 7	3 36.46	+19 54.8	1.818	2.796	4.2	21.3
11 17	3 26.01	+19 34.4	1.814	2.802	0.4	21.0
11 27	3 15.79	+19 11.5	1.839	2.808	4.6	21.4
12 7	3 6.88	+18 50.0	1.893	2.814	8.7	21.6
12 17	3 0.10	+18 33.7	1.973	2.819	12.2	21.9

521435 2015 NF_{27} 11 16.3 16.°61 8.°0/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.63	+ 3 8.1	1.522	2.344	17.3	20.9
10 18	3 48.49	+ 1 50.6	1.459	2.347	14.0	20.7
10 28	3 42.67	+ 0 36.8	1.417	2.350	10.7	20.5
11 7	3 34.88	− 0 25.5	1.399	2.354	8.3	20.4
11 17	3 26.14	− 1 8.9	1.405	2.358	8.3	20.4
11 27	3 17.71	− 1 27.8	1.437	2.363	10.6	20.5
12 7	3 10.72	− 1 20.8	1.493	2.368	13.8	20.7
12 17	3 5.98	− 0 49.5	1.569	2.374	16.8	21.0

481409 2006 SV_{396} 11 16.3 351.°75 2.°3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.02	+24 35.1	1.866	2.648	16.1	21.3
10 18	3 51.93	+24 57.7	1.780	2.647	13.0	21.1
10 28	3 45.10	+25 10.7	1.714	2.646	9.3	20.9
11 7	3 36.14	+25 12.9	1.673	2.645	5.3	20.7
11 17	3 26.04	+25 4.1	1.660	2.645	2.3	20.5
11 27	3 16.05	+24 46.5	1.675	2.644	4.9	20.6
12 7	3 7.40	+24 24.4	1.717	2.644	9.0	20.9
12 17	3 1.02	+24 2.8	1.785	2.644	12.7	21.1

500711 2012 XJ 11 16.3 226.°84 6.°2/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.22	+37 32.3	1.332	2.091	22.4	21.3
10 18	3 58.41	+37 8.3	1.242	2.085	19.0	21.0
10 28	3 50.36	+36 12.8	1.169	2.078	14.8	20.8
11 7	3 38.95	+34 40.2	1.117	2.071	10.1	20.5
11 17	3 25.82	+32 30.4	1.089	2.063	6.5	20.3
11 27	3 13.16	+29 52.2	1.088	2.055	7.5	20.3
12 7	3 2.92	+27 2.6	1.114	2.046	12.1	20.5
12 17	2 56.33	+24 19.8	1.164	2.037	16.9	20.8

291503 2006 DX_{155} 11 16.3 279.°45 1.°3/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.05	+16 19.7	2.284	3.077	13.2	21.7
10 18	3 48.17	+16 2.0	2.186	3.064	10.4	21.5
10 28	3 42.20	+15 39.3	2.110	3.052	7.2	21.3
11 7	3 34.62	+15 13.3	2.061	3.040	3.6	21.0
11 17	3 26.17	+14 46.5	2.041	3.027	1.4	20.8
11 27	3 17.76	+14 21.9	2.050	3.015	4.7	21.1
12 7	3 10.30	+14 2.9	2.087	3.003	8.3	21.3
12 17	3 4.50	+13 52.2	2.151	2.990	11.6	21.5

427817 2005 HD_5 11 16.3 116.°06 4.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.22	+10 25.2	1.590	2.398	17.3	21.5
10 18	3 53.57	+ 9 47.5	1.523	2.409	13.7	21.3
10 28	3 46.09	+ 9 8.4	1.477	2.419	9.6	21.1
11 7	3 36.54	+ 8 32.1	1.455	2.429	5.6	20.9
11 17	3 26.03	+ 8 3.5	1.460	2.438	4.4	20.8
11 27	3 15.88	+ 7 46.9	1.493	2.447	7.5	21.1
12 7	3 7.29	+ 7 45.3	1.552	2.456	11.5	21.3
12 17	3 1.12	+ 7 59.4	1.635	2.465	15.1	21.6

350169 2011 UL 11 16.3 137.°54 4.°9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.16	+ 5 2.1	2.179	2.970	13.8	21.0
10 18	3 51.14	+ 4 29.6	2.107	2.979	11.0	20.9
10 28	3 44.04	+ 3 59.9	2.058	2.988	8.1	20.7
11 7	3 35.43	+ 3 36.9	2.035	2.997	5.5	20.6
11 17	3 26.12	+ 3 24.0	2.041	3.005	5.1	20.6
11 27	3 17.06	+ 3 24.1	2.077	3.013	7.1	20.7
12 7	3 9.10	+ 3 38.2	2.139	3.021	9.9	20.9
12 17	3 2.92	+ 4 6.2	2.227	3.028	12.6	21.1

367635 2009 VC_{93} 11 16.3 62.°75 0.°6/16.7 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.54	+24 9.7	2.124	2.905	14.4	21.1
10 18	3 48.49	+23 29.6	2.051	2.921	11.4	20.9
10 28	3 42.28	+22 37.9	2.001	2.937	7.9	20.7
11 7	3 34.56	+21 36.4	1.976	2.953	4.0	20.5
11 17	3 26.19	+20 28.4	1.981	2.969	0.6	20.3
11 27	3 18.17	+19 19.0	2.015	2.986	4.2	20.6
12 7	3 11.36	+18 13.7	2.078	3.002	7.9	20.8
12 17	3 6.41	+17 17.2	2.168	3.018	11.1	21.1

108629 2001 MB_{29} 11 16.3 22.°12 1.°4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.19	+23 17.1	1.091	1.924	22.0	18.5
10 18	3 50.25	+23 14.2	1.035	1.934	17.5	18.2
10 28	3 44.53	+22 55.8	0.996	1.945	12.2	18.0
11 7	3 35.98	+22 22.5	0.978	1.957	6.4	17.7
11 17	3 26.08	+21 37.6	0.982	1.971	1.4	17.4
11 27	3 16.73	+20 48.0	1.011	1.986	6.4	17.8
12 7	3 9.55	+20 2.1	1.064	2.002	11.9	18.2
12 17	3 5.55	+19 26.9	1.137	2.019	16.6	18.5

521850 2015 TJ_{373} 11 16.3 104.°00 4.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.41	+ 5 57.0	2.312	3.101	13.1	21.6
10 18	3 50.40	+ 5 37.9	2.243	3.115	10.5	21.5
10 28	3 43.45	+ 5 21.5	2.196	3.129	7.5	21.3
11 7	3 35.12	+ 5 10.7	2.177	3.142	4.9	21.2
11 17	3 26.16	+ 5 8.3	2.186	3.155	4.3	21.2
11 27	3 17.45	+ 5 16.3	2.226	3.168	6.3	21.3
12 7	3 9.79	+ 5 35.7	2.293	3.181	9.1	21.5
12 17	3 3.79	+ 6 6.3	2.386	3.193	11.7	21.7

396231 2014 BJ_{14} 11 16.3 226.°14 0.°9/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.38	+22 32.8	2.007	2.785	15.2	22.2
10 18	3 52.80	+22 28.2	1.908	2.776	12.2	22.0
10 28	3 45.62	+22 14.1	1.832	2.767	8.6	21.7
11 7	3 36.40	+21 50.4	1.781	2.757	4.5	21.4
11 17	3 26.06	+21 18.5	1.758	2.746	0.9	21.2
11 27	3 15.77	+20 41.6	1.765	2.735	4.7	21.4
12 7	3 6.70	+20 4.5	1.800	2.723	8.9	21.7
12 17	2 59.74	+19 32.2	1.861	2.711	12.7	21.9

156113 2001 SY_{266} 11 16.3 7.°76 3.°4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.03	+15 30.8	1.196	2.037	19.9	19.4
10 18	3 48.13	+14 37.2	1.132	2.037	15.7	19.2
10 28	3 42.91	+13 34.1	1.086	2.039	10.8	18.9
11 7	3 35.16	+12 27.2	1.062	2.042	5.7	18.6
11 17	3 26.16	+11 23.7	1.062	2.046	3.7	18.5
11 27	3 17.52	+10 32.0	1.087	2.051	8.0	18.8
12 7	3 10.70	+ 9 58.3	1.135	2.057	13.0	19.1
12 17	3 6.66	+ 9 45.6	1.204	2.065	17.4	19.4

405302 2003 UO_7 11 16.3 60.°29 8.°2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.54	+44 46.4	2.183	2.865	16.8	20.7
10 18	3 54.77	+45 27.0	2.112	2.884	14.7	20.5
10 28	3 46.99	+45 47.0	2.060	2.903	12.3	20.4
11 7	3 37.02	+45 41.9	2.028	2.922	10.1	20.3
11 17	3 26.02	+45 9.7	2.022	2.941	8.5	20.3
11 27	3 15.46	+44 12.3	2.042	2.961	8.4	20.3
12 7	3 6.62	+42 55.8	2.088	2.980	9.6	20.4
12 17	3 0.35	+41 28.6	2.160	3.000	11.6	20.6

440814 2006 QX_{122} 11 16.3 9.°62 7.°2/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 44.73	+32 13.6	0.979	1.811	24.0	19.7
10 18	3 45.16	+33 5.8	0.929	1.817	20.0	19.4
10 28	3 41.50	+33 33.1	0.894	1.826	15.4	19.2
11 7	3 34.65	+33 31.0	0.876	1.839	10.7	19.0
11 17	3 26.21	+32 58.6	0.879	1.854	7.4	18.9
11 27	3 18.29	+32 1.7	0.904	1.872	8.4	19.0
12 7	3 12.71	+30 51.4	0.950	1.892	12.3	19.3
12 17	3 10.56	+29 39.7	1.017	1.915	16.6	19.6

325553 2009 SZ_{81} 11 16.3 145.°04 0.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.29	+20 55.6	2.257	3.040	13.6	21.8
10 18	3 49.12	+20 46.5	2.170	3.041	10.8	21.6
10 28	3 42.81	+20 29.8	2.105	3.043	7.5	21.4
11 7	3 34.90	+20 6.4	2.067	3.044	3.7	21.1
11 17	3 26.20	+19 37.9	2.057	3.046	0.4	20.9
11 27	3 17.64	+19 7.5	2.077	3.047	4.1	21.2
12 7	3 10.15	+18 38.9	2.126	3.048	7.8	21.4
12 17	3 4.42	+18 15.6	2.201	3.049	11.0	21.6

107611 2001 EP_4 11 16.3 200.°30 3.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.71	+11 53.3	2.133	2.928	13.9	21.0
10 18	3 50.26	+11 16.2	2.046	2.925	11.0	20.8
10 28	3 43.61	+10 36.1	1.982	2.922	7.7	20.6
11 7	3 35.31	+ 9 56.3	1.944	2.919	4.3	20.4
11 17	3 26.18	+ 9 20.4	1.936	2.915	3.3	20.3
11 27	3 17.19	+ 8 52.5	1.956	2.911	6.0	20.4
12 7	3 9.27	+ 8 35.6	2.005	2.906	9.5	20.7
12 17	3 3.15	+ 8 31.6	2.078	2.901	12.6	20.8

242012 2002 PV_{110} 11 16.3 131.°97 1.°1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.67	+24 50.8	2.687	3.451	12.1	21.2
10 18	3 48.23	+24 32.6	2.602	3.460	9.7	21.0
10 28	3 41.97	+24 5.2	2.540	3.469	6.8	20.8
11 7	3 34.42	+23 29.2	2.504	3.477	3.6	20.6
11 17	3 26.26	+22 46.3	2.498	3.486	1.1	20.5
11 27	3 18.30	+21 59.5	2.524	3.493	3.5	20.7
12 7	3 11.29	+21 12.8	2.579	3.501	6.6	20.9
12 17	3 5.80	+20 29.8	2.661	3.508	9.4	21.1

453973 2012 BC_{104} 11 16.3 273.°99 7.°9/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.66	− 2 28.5	2.094	2.887	14.2	21.4
10 18	3 48.65	− 3 28.5	2.016	2.879	11.9	21.2
10 28	3 42.51	− 4 21.7	1.960	2.871	9.6	21.1
11 7	3 34.78	− 5 2.0	1.929	2.862	8.1	21.0
11 17	3 26.23	− 5 24.1	1.924	2.854	8.2	21.0
11 27	3 17.80	− 5 24.4	1.946	2.846	9.9	21.1
12 7	3 10.41	− 5 2.2	1.993	2.837	12.2	21.2
12 17	3 4.75	− 4 18.8	2.062	2.829	14.7	21.4

196111 2002 TM_{168} 11 16.3 172.°87 6.°6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.80	+44 5.0	3.248	3.896	12.3	20.8
10 18	3 56.60	+45 7.1	3.152	3.899	10.8	20.7
10 28	3 48.02	+45 56.2	3.077	3.901	9.2	20.6
11 7	3 37.56	+46 28.3	3.026	3.903	7.7	20.5
11 17	3 26.02	+46 40.7	3.003	3.905	6.8	20.5
11 27	3 14.44	+46 33.0	3.007	3.906	6.8	20.5
12 7	3 3.88	+46 7.6	3.040	3.907	7.8	20.5
12 17	2 55.19	+45 29.3	3.100	3.907	9.3	20.6

312908 2011 UA_{332} 11 16.3 275.°51 2.°4/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.91	+28 40.0	1.989	2.759	15.6	20.6
10 18	3 50.14	+28 20.1	1.894	2.752	12.7	20.3
10 28	3 43.79	+27 44.8	1.819	2.745	9.2	20.1
11 7	3 35.49	+26 53.6	1.769	2.738	5.4	19.9
11 17	3 26.18	+25 48.3	1.747	2.731	2.5	19.7
11 27	3 17.03	+24 33.5	1.753	2.724	4.7	19.8
12 7	3 9.18	+23 16.0	1.789	2.717	8.6	20.0
12 17	3 3.45	+22 2.8	1.850	2.710	12.3	20.2

447496 2006 RO_{80} 11 16.3 34.°68 3.°0/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.56	+13 37.3	1.814	2.622	15.5	21.7
10 18	3 48.92	+12 51.2	1.738	2.625	12.2	21.5
10 28	3 42.84	+12 0.1	1.683	2.628	8.4	21.3
11 7	3 34.98	+11 7.9	1.654	2.631	4.6	21.1
11 17	3 26.24	+10 19.3	1.652	2.634	3.3	21.0
11 27	3 17.73	+ 9 39.4	1.679	2.637	6.4	21.2
12 7	3 10.49	+ 9 12.3	1.732	2.641	10.2	21.5
12 17	3 5.27	+ 9 0.2	1.810	2.644	13.7	21.7

157719 2006 BY_{16} 11 16.3 30.°95 5.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.10	+ 4 57.1	1.932	2.739	14.7	19.4
10 18	3 48.29	+ 4 16.7	1.864	2.746	11.8	19.3
10 28	3 42.27	+ 3 39.3	1.818	2.752	8.7	19.1
11 7	3 34.65	+ 3 9.5	1.797	2.759	6.1	19.0
11 17	3 26.28	+ 2 51.7	1.803	2.766	5.7	18.9
11 27	3 18.14	+ 2 49.0	1.836	2.774	7.8	19.1
12 7	3 11.17	+ 3 2.8	1.896	2.782	10.8	19.3
12 17	3 6.05	+ 3 32.6	1.979	2.790	13.6	19.5

186399 2002 PC_{45} 11 16.3 6.°64 2.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 47.15	+14 41.9	0.887	1.754	23.0	18.3
10 18	3 46.87	+14 35.1	0.834	1.754	18.2	18.0
10 28	3 42.60	+14 22.7	0.796	1.756	12.5	17.7
11 7	3 35.21	+14 8.6	0.778	1.760	6.3	17.4
11 17	3 26.23	+13 57.6	0.780	1.767	2.8	17.2
11 27	3 17.67	+13 55.2	0.805	1.777	8.1	17.5
12 7	3 11.34	+14 5.5	0.850	1.788	14.0	17.9
12 17	3 8.38	+14 30.4	0.913	1.801	19.0	18.2

81722 2000 JY_{34} 11 16.3 58.°64 1.°0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.30	+21 2.7	1.740	2.530	16.8	18.6
10 18	3 53.52	+21 21.2	1.678	2.552	13.3	18.4
10 28	3 46.00	+21 32.0	1.636	2.574	9.2	18.2
11 7	3 36.52	+21 34.6	1.619	2.596	4.7	18.0
11 17	3 26.14	+21 29.9	1.630	2.618	1.0	17.8
11 27	3 16.17	+21 20.4	1.670	2.641	4.8	18.1
12 7	3 7.75	+21 10.1	1.737	2.663	9.0	18.4
12 17	3 1.69	+21 2.9	1.830	2.686	12.6	18.7

326564 2002 PU_{176} 11 16.3 175.°17 1.°0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.17	+18 28.4	2.520	3.306	12.3	21.0
10 18	3 47.17	+17 50.5	2.432	3.306	9.7	20.9
10 28	3 41.32	+17 5.8	2.367	3.307	6.6	20.7
11 7	3 34.15	+16 16.3	2.329	3.307	3.2	20.5
11 17	3 26.33	+15 25.0	2.320	3.308	1.1	20.3
11 27	3 18.66	+14 35.6	2.343	3.308	4.2	20.5
12 7	3 11.91	+13 52.1	2.394	3.308	7.5	20.7
12 17	3 6.67	+13 17.5	2.472	3.308	10.4	20.9

218132 2002 QU_{45} 11 16.3 19.°87 4.°1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.28	+27 40.3	1.206	2.017	21.6	19.7
10 18	3 52.76	+28 6.3	1.140	2.021	17.6	19.4
10 28	3 46.40	+28 15.2	1.091	2.027	12.9	19.2
11 7	3 37.03	+28 4.2	1.062	2.033	7.8	18.9
11 17	3 26.10	+27 33.1	1.057	2.040	4.2	18.7
11 27	3 15.56	+26 46.5	1.076	2.048	6.7	18.9
12 7	3 7.15	+25 53.3	1.120	2.056	11.6	19.2
12 17	3 2.03	+25 2.6	1.185	2.066	16.2	19.5

331149 2010 WS_{57} 11 16.3 47.°31 2.°5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.91	+26 14.8	1.991	2.766	15.4	21.0
10 18	3 50.82	+26 29.5	1.911	2.773	12.5	20.8
10 28	3 44.20	+26 33.2	1.851	2.779	9.0	20.6
11 7	3 35.69	+26 25.0	1.816	2.786	5.2	20.4
11 17	3 26.21	+26 5.3	1.809	2.792	2.5	20.2
11 27	3 16.94	+25 36.8	1.830	2.799	4.7	20.4
12 7	3 8.96	+25 4.0	1.879	2.807	8.3	20.6
12 17	3 3.09	+24 31.9	1.954	2.814	11.7	20.8

516711 2008 YK_{136} 11 16.3 257.°50 0.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.60	+18 30.8	1.867	2.661	15.6	21.6
10 18	3 51.52	+18 23.5	1.775	2.654	12.4	21.4
10 28	3 44.81	+18 9.3	1.705	2.646	8.6	21.2
11 7	3 36.06	+17 49.3	1.659	2.638	4.2	20.9
11 17	3 26.18	+17 25.6	1.642	2.630	0.7	20.6
11 27	3 16.38	+17 1.6	1.653	2.622	5.1	20.9
12 7	3 7.81	+16 41.5	1.692	2.614	9.5	21.2
12 17	3 1.40	+16 28.8	1.756	2.605	13.3	21.4

169763 2002 PL_{51} 11 16.3 36.°50 1.°0/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.87	+17 24.3	1.699	2.503	16.5	20.0
10 18	3 51.02	+17 13.4	1.622	2.507	13.1	19.8
10 28	3 44.45	+16 56.1	1.567	2.511	8.9	19.6
11 7	3 35.84	+16 34.2	1.536	2.515	4.4	19.3
11 17	3 26.20	+16 10.1	1.532	2.520	1.1	19.1
11 27	3 16.80	+15 47.9	1.556	2.524	5.5	19.4
12 7	3 8.80	+15 31.5	1.607	2.529	9.8	19.7
12 17	3 3.08	+15 24.3	1.682	2.534	13.7	19.9

306065 2010 GZ_{96} 11 16.3 83.°25 1.°9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.68	+17 46.5	1.896	2.690	15.4	20.6
10 18	3 51.00	+16 42.9	1.834	2.714	12.0	20.4
10 28	3 44.01	+15 31.2	1.796	2.738	8.1	20.2
11 7	3 35.44	+14 15.3	1.783	2.762	4.0	20.0
11 17	3 26.26	+13 0.5	1.800	2.785	2.1	19.9
11 27	3 17.53	+11 52.7	1.846	2.808	5.5	20.2
12 7	3 10.20	+10 57.0	1.920	2.830	9.3	20.5
12 17	3 4.89	+10 16.5	2.020	2.853	12.5	20.7

460209 2014 QX_{169} 11 16.3 68.°19 0.°4/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.76	+21 50.9	2.171	2.955	14.0	21.7
10 18	3 48.74	+21 33.9	2.091	2.963	11.1	21.6
10 28	3 42.56	+21 8.1	2.034	2.972	7.7	21.4
11 7	3 34.80	+20 34.7	2.003	2.981	3.9	21.1
11 17	3 26.30	+19 55.8	2.001	2.989	0.4	20.9
11 27	3 18.03	+19 15.1	2.028	2.998	4.2	21.2
12 7	3 10.89	+18 36.9	2.083	3.007	7.9	21.4
12 17	3 5.57	+18 4.8	2.165	3.016	11.1	21.7

42104 2001 AS_{35} 11 16.3 319.°76 2.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.22	+11 25.9	2.062	2.860	14.2	18.8
10 18	3 50.04	+11 20.0	1.975	2.856	11.3	18.6
10 28	3 43.57	+11 13.5	1.910	2.851	7.8	18.3
11 7	3 35.38	+11 8.4	1.871	2.847	4.3	18.1
11 17	3 26.26	+11 7.2	1.860	2.843	2.7	18.0
11 27	3 17.24	+11 12.3	1.878	2.839	5.6	18.2
12 7	3 9.29	+11 25.5	1.925	2.835	9.3	18.4
12 17	3 3.19	+11 47.9	1.996	2.831	12.6	18.6

176725 2002 RS_{20} 11 16.3 71.°09 1.°7/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.86	+16 10.2	1.383	2.194	19.3	20.3
10 18	3 55.21	+15 54.1	1.327	2.216	15.1	20.1
10 28	3 47.36	+15 31.9	1.292	2.237	10.3	19.9
11 7	3 37.24	+15 6.2	1.279	2.259	5.1	19.6
11 17	3 26.14	+14 40.4	1.293	2.280	1.9	19.5
11 27	3 15.62	+14 19.2	1.335	2.302	6.4	19.8
12 7	3 7.02	+14 6.9	1.402	2.323	11.1	20.2
12 17	3 1.18	+14 6.2	1.492	2.344	15.1	20.5

268213 2005 CY 11 16.3 229.°63 9.°4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.78	−16 8.1	2.944	3.678	11.8	21.2
10 18	3 47.35	−17 17.4	2.875	3.668	10.7	21.1
10 28	3 41.33	−18 14.6	2.828	3.658	9.8	21.0
11 7	3 34.14	−18 54.6	2.805	3.647	9.4	21.0
11 17	3 26.37	−19 13.2	2.807	3.635	9.7	21.0
11 27	3 18.71	−19 8.2	2.833	3.624	10.6	21.0
12 7	3 11.81	−18 39.7	2.881	3.612	11.8	21.1
12 17	3 6.21	−17 49.8	2.951	3.600	13.0	21.2

385273 2001 SR_{102} 11 16.3 30.°41 1.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.03	+18 49.2	1.252	2.080	20.0	20.4
10 18	3 50.33	+18 7.1	1.191	2.089	15.7	20.1
10 28	3 44.31	+17 13.5	1.149	2.099	10.7	19.9
11 7	3 35.84	+16 12.1	1.129	2.110	5.2	19.6
11 17	3 26.25	+15 8.9	1.135	2.122	1.8	19.4
11 27	3 17.12	+14 11.6	1.166	2.135	6.8	19.8
12 7	3 9.88	+13 27.2	1.221	2.148	11.8	20.1
12 17	3 5.44	+12 59.9	1.298	2.161	16.2	20.4

31782 1999 KM_6 11 16.3 261.°24 7.°0/11.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.46	− 1 32.1	2.391	3.173	13.0	18.4
10 18	3 49.94	− 2 23.5	2.293	3.151	10.8	18.2
10 28	3 43.39	− 3 9.8	2.217	3.128	8.7	18.0
11 7	3 35.28	− 3 45.9	2.168	3.104	7.2	17.9
11 17	3 26.28	− 4 7.1	2.146	3.080	7.2	17.8
11 27	3 17.27	− 4 9.7	2.153	3.056	8.9	17.9
12 7	3 9.10	− 3 52.4	2.185	3.031	11.3	18.0
12 17	3 2.50	− 3 15.8	2.242	3.005	13.7	18.1

332746 2009 TW_{20} 11 16.3 70.°92 2.°4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.50	+14 57.1	1.409	2.220	19.0	20.8
10 18	3 54.81	+14 33.5	1.355	2.243	14.9	20.6
10 28	3 47.03	+14 4.8	1.320	2.266	10.1	20.4
11 7	3 37.05	+13 34.2	1.310	2.289	5.1	20.2
11 17	3 26.16	+13 5.8	1.326	2.311	2.5	20.1
11 27	3 15.86	+12 44.2	1.369	2.334	6.6	20.4
12 7	3 7.43	+12 33.3	1.438	2.356	11.1	20.7
12 17	3 1.68	+12 35.2	1.530	2.378	15.0	21.0

134993 2001 FX_{146} 11 16.3 116.°85 4.°6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.34	+34 27.9	2.417	3.137	14.5	20.8
10 18	3 55.42	+34 51.1	2.342	3.159	12.0	20.7
10 28	3 47.09	+35 0.1	2.288	3.181	9.3	20.5
11 7	3 37.02	+34 52.6	2.259	3.201	6.5	20.4
11 17	3 26.16	+34 27.8	2.258	3.221	4.7	20.3
11 27	3 15.63	+33 48.2	2.287	3.241	5.3	20.4
12 7	3 6.45	+32 58.3	2.346	3.259	7.6	20.6
12 17	2 59.37	+32 4.3	2.431	3.277	10.2	20.8

20324 Johnmahoney 11 16.3 285.°98 0.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.35	+20 35.5	1.715	2.513	16.7	19.5
10 18	3 51.57	+20 27.5	1.629	2.509	13.3	19.2
10 28	3 44.96	+20 10.2	1.563	2.504	9.2	19.0
11 7	3 36.18	+19 44.6	1.521	2.500	4.6	18.7
11 17	3 26.22	+19 12.6	1.507	2.496	0.3	18.4
11 27	3 16.39	+18 38.3	1.521	2.491	5.2	18.7
12 7	3 7.96	+18 6.9	1.561	2.487	9.8	19.0
12 17	3 1.86	+17 43.0	1.626	2.483	13.8	19.2

440015 2002 MK_6 11 16.3 108.°50 4.°6/13.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.06	+ 7 32.8	2.187	2.978	13.7	22.5
10 18	3 50.92	+ 6 30.3	2.128	3.002	10.8	22.3
10 28	3 43.79	+ 5 28.2	2.093	3.026	7.8	22.2
11 7	3 35.32	+ 4 31.2	2.085	3.048	5.2	22.0
11 17	3 26.30	+ 3 43.7	2.105	3.070	4.9	22.1
11 27	3 17.65	+ 3 9.8	2.156	3.092	6.9	22.2
12 7	3 10.16	+ 2 51.6	2.234	3.112	9.7	22.4
12 17	3 4.43	+ 2 49.4	2.337	3.133	12.3	22.7

487722 2015 RK_{71} 11 16.3 311.°43 0.°2/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.30	+20 4.1	1.863	2.658	15.6	21.4
10 18	3 50.52	+20 2.7	1.774	2.653	12.4	21.2
10 28	3 44.14	+19 53.8	1.707	2.647	8.6	21.0
11 7	3 35.74	+19 37.8	1.664	2.642	4.3	20.7
11 17	3 26.26	+19 16.5	1.648	2.637	0.3	20.4
11 27	3 16.87	+18 52.9	1.661	2.632	4.9	20.7
12 7	3 8.73	+18 31.4	1.702	2.627	9.2	21.0
12 17	3 2.72	+18 15.9	1.767	2.622	13.0	21.2

307447 2002 UA_{75} 11 16.3 22.°07 0.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.53	+18 46.1	1.757	2.555	16.3	20.6
10 18	3 51.54	+18 52.6	1.677	2.557	12.9	20.4
10 28	3 44.85	+18 52.9	1.618	2.560	8.9	20.2
11 7	3 36.08	+18 47.5	1.584	2.562	4.4	19.9
11 17	3 26.24	+18 37.8	1.576	2.565	0.4	19.6
11 27	3 16.58	+18 26.7	1.598	2.568	5.1	20.0
12 7	3 8.28	+18 17.9	1.646	2.572	9.4	20.3
12 17	3 2.24	+18 14.7	1.720	2.575	13.3	20.5

162582 2000 SH_{12} 11 16.3 17.°01 5.°3/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.17	+27 30.8	1.061	1.882	23.3	18.5
10 18	3 54.05	+28 24.6	1.000	1.886	19.1	18.2
10 28	3 47.66	+29 2.3	0.954	1.891	14.2	18.0
11 7	3 37.81	+29 19.1	0.927	1.897	8.9	17.7
11 17	3 26.11	+29 12.4	0.923	1.904	5.3	17.6
11 27	3 14.78	+28 45.3	0.942	1.912	7.7	17.7
12 7	3 5.86	+28 6.4	0.984	1.922	12.6	18.0
12 17	3 0.66	+27 25.8	1.047	1.932	17.4	18.3

81130 2000 EJ_{131} 11 16.3 103.°26 0.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.67	+19 28.0	1.942	2.735	15.2	19.6
10 18	3 50.51	+19 9.0	1.863	2.740	12.0	19.4
10 28	3 43.93	+18 42.1	1.805	2.746	8.2	19.1
11 7	3 35.55	+18 8.7	1.772	2.751	4.0	18.9
11 17	3 26.29	+17 31.5	1.768	2.756	0.6	18.7
11 27	3 17.27	+16 54.7	1.793	2.761	4.8	19.0
12 7	3 9.50	+16 22.5	1.845	2.767	8.9	19.2
12 17	3 3.76	+15 58.7	1.923	2.772	12.4	19.5

408975 2002 QL_{93} 11 16.3 29.°71 2.°0/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.17	+24 46.8	1.960	2.744	15.4	21.5
10 18	3 49.42	+24 59.0	1.885	2.754	12.3	21.3
10 28	3 43.23	+25 1.1	1.831	2.764	8.7	21.1
11 7	3 35.22	+24 52.7	1.802	2.774	4.9	20.9
11 17	3 26.32	+24 34.4	1.800	2.785	2.0	20.7
11 27	3 17.66	+24 9.3	1.826	2.797	4.5	20.9
12 7	3 10.27	+23 41.5	1.881	2.809	8.2	21.2
12 17	3 4.94	+23 15.5	1.961	2.822	11.6	21.4

31174 Rozelot 11 16.3 14.°89 0.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.86	+21 30.9	1.706	2.507	16.6	18.5
10 18	3 49.53	+21 24.2	1.628	2.510	13.2	18.3
10 28	3 43.49	+21 7.8	1.571	2.513	9.2	18.1
11 7	3 35.42	+20 42.4	1.538	2.516	4.6	17.8
11 17	3 26.31	+20 10.2	1.532	2.521	0.6	17.5
11 27	3 17.43	+19 35.4	1.554	2.525	5.0	17.9
12 7	3 9.95	+19 2.9	1.602	2.531	9.4	18.2
12 17	3 4.73	+18 37.4	1.675	2.536	13.3	18.4

162234 1999 TQ_{185} 11 16.3 54.°10 8.°9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.23	+40 21.5	1.604	2.335	20.3	19.4
10 18	3 57.05	+41 20.9	1.540	2.352	17.4	19.2
10 28	3 49.12	+41 58.0	1.492	2.368	14.3	19.0
11 7	3 38.31	+42 6.7	1.464	2.386	11.2	18.9
11 17	3 26.09	+41 43.5	1.460	2.403	9.2	18.8
11 27	3 14.35	+40 50.7	1.482	2.420	9.2	18.9
12 7	3 4.77	+39 36.5	1.529	2.438	11.3	19.1
12 17	2 58.42	+38 11.8	1.599	2.456	14.0	19.3

520156 2014 CJ_{25} 11 16.3 132.°26 2.°8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.22	+14 18.3	1.810	2.613	15.7	21.5
10 18	3 51.02	+13 34.8	1.734	2.619	12.4	21.3
10 28	3 44.30	+12 45.9	1.680	2.624	8.5	21.1
11 7	3 35.74	+11 55.2	1.651	2.629	4.5	20.9
11 17	3 26.29	+11 7.1	1.651	2.633	3.0	20.8
11 27	3 17.11	+10 26.8	1.678	2.638	6.3	21.0
12 7	3 9.25	+ 9 58.4	1.733	2.642	10.2	21.3
12 17	3 3.49	+ 9 44.4	1.812	2.646	13.7	21.5

186022 2001 QE_{196} 11 16.3 71.°48 2.°3/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.33	+15 8.3	1.456	2.266	18.6	20.4
10 18	3 54.55	+14 40.8	1.403	2.290	14.5	20.3
10 28	3 46.79	+14 8.0	1.370	2.315	9.9	20.0
11 7	3 36.93	+13 33.3	1.361	2.339	5.0	19.8
11 17	3 26.22	+13 0.7	1.378	2.364	2.5	19.7
11 27	3 16.10	+12 35.1	1.423	2.388	6.5	20.1
12 7	3 7.79	+12 20.4	1.495	2.412	10.9	20.4
12 17	3 2.09	+12 18.7	1.590	2.436	14.7	20.7

97742 2000 HF_{34} 11 16.3 301.°21 5.°2/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.78	+31 33.1	2.234	2.978	14.9	19.2
10 18	3 53.44	+32 32.8	2.123	2.957	12.5	19.0
10 28	3 46.36	+33 23.2	2.033	2.936	9.7	18.8
11 7	3 37.00	+34 0.5	1.967	2.915	6.9	18.6
11 17	3 26.18	+34 21.5	1.929	2.894	5.2	18.5
11 27	3 15.11	+34 25.5	1.920	2.874	6.2	18.5
12 7	3 5.07	+34 15.1	1.939	2.853	8.9	18.6
12 17	2 57.12	+33 55.3	1.983	2.833	12.0	18.8

290713 2005 UM_{414} 11 16.3 268.°10 2.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.58	+16 22.5	2.135	2.933	13.8	20.9
10 18	3 47.88	+15 30.9	2.046	2.928	10.9	20.7
10 28	3 42.03	+14 32.1	1.980	2.924	7.4	20.5
11 7	3 34.61	+13 29.1	1.941	2.919	3.8	20.2
11 17	3 26.39	+12 26.2	1.930	2.915	2.2	20.1
11 27	3 18.31	+11 28.5	1.949	2.910	5.4	20.3
12 7	3 11.30	+10 40.7	1.996	2.906	9.0	20.5
12 17	3 6.03	+10 6.0	2.068	2.901	12.3	20.7

362811 2011 YB_{34} 11 16.3 228.°80 2.°5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.88	+27 18.6	2.155	2.921	14.7	21.0
10 18	3 50.71	+27 24.2	2.063	2.919	11.9	20.8
10 28	3 44.12	+27 18.3	1.992	2.916	8.6	20.6
11 7	3 35.70	+27 0.0	1.946	2.914	5.1	20.4
11 17	3 26.30	+26 29.8	1.928	2.911	2.6	20.2
11 27	3 17.04	+25 50.5	1.940	2.909	4.5	20.4
12 7	3 8.95	+25 6.8	1.980	2.906	8.0	20.6
12 17	3 2.84	+24 23.9	2.046	2.903	11.4	20.8

352199 2007 RF_{284} 11 16.3 338.°76 0.°8/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.61	+20 51.0	1.498	2.309	18.1	21.0
10 18	3 50.72	+21 2.3	1.414	2.300	14.5	20.8
10 28	3 44.70	+21 4.8	1.349	2.292	10.1	20.5
11 7	3 36.19	+20 58.5	1.307	2.285	5.2	20.2
11 17	3 26.27	+20 44.4	1.290	2.278	0.9	19.9
11 27	3 16.42	+20 25.9	1.300	2.273	5.6	20.2
12 7	3 8.09	+20 7.9	1.336	2.267	10.6	20.5
12 17	3 2.36	+19 55.3	1.395	2.263	15.0	20.7

425297 2009 XR_3 11 16.3 337.°28 1.°8/17.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 45.86	+27 27.8	1.536	2.343	17.9	20.5
10 18	3 44.74	+26 51.2	1.433	2.315	14.6	20.2
10 28	3 40.68	+25 53.6	1.349	2.289	10.5	19.9
11 7	3 34.25	+24 35.1	1.288	2.264	5.8	19.6
11 17	3 26.44	+22 58.8	1.253	2.240	1.8	19.3
11 27	3 18.63	+21 12.3	1.244	2.218	5.5	19.4
12 7	3 12.21	+19 26.0	1.261	2.197	10.6	19.7
12 17	3 8.24	+17 50.0	1.301	2.178	15.3	19.9

456196 2006 HU_{119} 11 16.3 266.°65 0.°1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.91	+18 6.0	2.437	3.215	12.9	21.3
10 18	3 51.16	+18 27.6	2.339	3.207	10.2	21.1
10 28	3 44.28	+18 45.8	2.264	3.200	7.1	20.9
11 7	3 35.77	+19 0.6	2.215	3.193	3.5	20.7
11 17	3 26.34	+19 12.3	2.196	3.185	0.3	20.4
11 27	3 16.91	+19 22.0	2.208	3.178	4.0	20.7
12 7	3 8.39	+19 31.6	2.250	3.170	7.6	20.9
12 17	3 1.54	+19 43.3	2.319	3.163	10.7	21.1

38034 1998 QW_{57} 11 16.3 119.°10 3.°9/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.64	+ 8 40.4	2.433	3.228	12.4	19.2
10 18	3 47.46	+ 7 46.6	2.360	3.237	9.8	19.1
10 28	3 41.50	+ 6 52.0	2.311	3.247	7.0	18.9
11 7	3 34.28	+ 6 0.7	2.289	3.256	4.5	18.8
11 17	3 26.47	+ 5 16.4	2.296	3.265	4.1	18.7
11 27	3 18.86	+ 4 42.8	2.332	3.273	6.2	18.9
12 7	3 12.20	+ 4 22.5	2.397	3.282	8.9	19.1
12 17	3 7.04	+ 4 16.2	2.486	3.290	11.4	19.3

33351 1998 XZ_{89} 11 16.3 330.°32 11.°7/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.51	− 1 57.5	1.210	2.046	20.0	18.0
10 18	3 48.68	− 3 19.0	1.137	2.026	17.0	17.7
10 28	3 43.53	− 4 32.3	1.081	2.008	14.0	17.5
11 7	3 35.71	− 5 25.9	1.047	1.991	11.9	17.3
11 17	3 26.35	− 5 49.5	1.033	1.975	12.1	17.3
11 27	3 17.03	− 5 36.0	1.042	1.960	14.5	17.4
12 7	3 9.33	− 4 44.6	1.071	1.946	18.0	17.5
12 17	3 4.38	− 3 19.8	1.118	1.934	21.5	17.7

99690 2002 JL_{26} 11 16.3 263.°62 2.°3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.31	+14 15.4	1.792	2.595	15.8	19.9
10 18	3 51.35	+13 53.8	1.704	2.588	12.6	19.7
10 28	3 44.74	+13 27.8	1.637	2.581	8.7	19.4
11 7	3 36.09	+12 59.9	1.595	2.573	4.5	19.2
11 17	3 26.34	+12 33.6	1.581	2.565	2.5	19.0
11 27	3 16.67	+12 12.8	1.595	2.558	6.1	19.2
12 7	3 8.27	+12 1.3	1.636	2.550	10.3	19.5
12 17	3 2.02	+12 1.5	1.701	2.542	14.1	19.7

254359 2004 TR_{67} 11 16.3 6.°28 5.°4/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.56	+ 7 5.0	1.521	2.347	17.1	19.5
10 18	3 47.82	+ 6 35.1	1.454	2.348	13.6	19.3
10 28	3 42.37	+ 6 7.5	1.407	2.351	9.8	19.0
11 7	3 34.91	+ 5 47.1	1.384	2.354	6.4	18.9
11 17	3 26.44	+ 5 38.6	1.386	2.359	5.6	18.8
11 27	3 18.23	+ 5 45.6	1.414	2.365	8.2	19.0
12 7	3 11.42	+ 6 9.5	1.466	2.372	12.0	19.2
12 17	3 6.86	+ 6 49.6	1.541	2.380	15.5	19.5

233149 2005 UM_{224} 11 16.3 274.°67 1.°6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.70	+23 32.8	1.663	2.454	17.4	21.3
10 18	3 53.01	+23 37.7	1.567	2.441	14.0	21.0
10 28	3 46.24	+23 31.6	1.490	2.427	10.0	20.7
11 7	3 36.99	+23 13.5	1.438	2.413	5.4	20.4
11 17	3 26.28	+22 44.3	1.412	2.399	1.6	20.2
11 27	3 15.56	+22 7.4	1.414	2.385	5.4	20.4
12 7	3 6.25	+21 28.7	1.442	2.371	10.2	20.6
12 17	2 59.47	+20 54.2	1.495	2.357	14.5	20.9

366548 2002 QK_{136} 11 16.3 158.°87 4.°2/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.45	+ 6 47.3	2.422	3.218	12.4	21.2
10 18	3 47.41	+ 6 8.4	2.342	3.218	9.9	21.0
10 28	3 41.55	+ 5 30.4	2.285	3.219	7.2	20.9
11 7	3 34.35	+ 4 56.8	2.255	3.220	4.8	20.7
11 17	3 26.50	+ 4 31.2	2.254	3.220	4.4	20.7
11 27	3 18.79	+ 4 16.7	2.281	3.221	6.4	20.8
12 7	3 11.98	+ 4 15.1	2.337	3.222	9.0	21.0
12 17	3 6.67	+ 4 26.8	2.417	3.222	11.6	21.2

309033 2006 UF_{176} 11 16.3 248.°38 1.°1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.52	+20 23.2	2.010	2.790	15.1	20.5
10 18	3 53.73	+20 53.6	1.918	2.787	12.1	20.3
10 28	3 46.34	+21 18.8	1.849	2.784	8.5	20.0
11 7	3 36.90	+21 38.0	1.805	2.781	4.4	19.8
11 17	3 26.31	+21 50.7	1.789	2.777	1.1	19.5
11 27	3 15.75	+21 58.2	1.804	2.774	4.6	19.8
12 7	3 6.39	+22 3.0	1.847	2.771	8.7	20.0
12 17	2 59.13	+22 8.4	1.916	2.767	12.3	20.3

229688 2007 DL_{51} 11 16.3 252.°58 1.°4/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.69	+23 6.2	1.768	2.554	16.7	21.4
10 18	3 53.58	+23 9.7	1.671	2.542	13.5	21.1
10 28	3 46.52	+23 3.0	1.594	2.530	9.5	20.9
11 7	3 37.10	+22 45.3	1.542	2.517	5.1	20.6
11 17	3 26.32	+22 17.6	1.516	2.504	1.4	20.3
11 27	3 15.54	+21 43.0	1.520	2.491	5.2	20.5
12 7	3 6.12	+21 7.0	1.551	2.478	9.8	20.8
12 17	2 59.09	+20 35.3	1.606	2.464	13.9	21.0

19477 Teresajentz 11 16.3 107.°48 0.°7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.30	+17 51.3	2.207	2.995	13.7	18.7
10 18	3 49.92	+17 39.6	2.127	3.002	10.8	18.5
10 28	3 43.40	+17 22.4	2.070	3.010	7.4	18.3
11 7	3 35.32	+17 1.1	2.039	3.017	3.6	18.1
11 17	3 26.47	+16 37.6	2.036	3.025	0.8	17.9
11 27	3 17.82	+16 15.0	2.064	3.032	4.4	18.2
12 7	3 10.27	+15 56.7	2.120	3.039	8.0	18.4
12 17	3 4.49	+15 45.1	2.202	3.046	11.2	18.6

46216 2001 FK_{171} 11 16.3 137.°25 8.°0/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.75	− 2 5.3	2.023	2.814	14.7	19.2
10 18	3 50.27	− 3 12.9	1.959	2.820	12.2	19.0
10 28	3 43.61	− 4 13.3	1.917	2.827	9.8	18.9
11 7	3 35.41	− 5 0.2	1.899	2.833	8.2	18.8
11 17	3 26.47	− 5 28.2	1.909	2.839	8.3	18.8
11 27	3 17.80	− 5 33.9	1.945	2.844	9.9	19.0
12 7	3 10.27	− 5 16.7	2.006	2.849	12.3	19.1
12 17	3 4.58	− 4 38.4	2.090	2.854	14.6	19.3

31956 Wald 11 16.3 317.°84 0.°5/16.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.61	+19 33.9	1.884	2.680	15.4	18.9
10 18	3 49.89	+19 12.6	1.798	2.678	12.2	18.6
10 28	3 43.67	+18 42.8	1.734	2.676	8.4	18.4
11 7	3 35.55	+18 6.0	1.694	2.673	4.1	18.2
11 17	3 26.46	+17 25.0	1.683	2.671	0.6	17.9
11 27	3 17.52	+16 44.2	1.700	2.669	5.0	18.2
12 7	3 9.83	+16 8.5	1.744	2.667	9.2	18.5
12 17	3 4.19	+15 41.7	1.814	2.665	12.9	18.7

203016 1999 YP_4 11 16.3 19.°30 20.°7/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 19.12	+70 15.1	1.572	2.106	26.8	19.3
10 18	4 19.21	+72 19.3	1.521	2.113	25.8	19.2
10 28	4 9.56	+73 50.1	1.478	2.122	24.7	19.1
11 7	3 50.23	+74 34.0	1.444	2.132	23.5	19.0
11 17	3 25.38	+74 17.6	1.420	2.143	22.3	19.0
11 27	3 2.61	+72 55.9	1.409	2.155	21.4	19.0
12 7	2 47.69	+70 37.6	1.413	2.168	20.8	19.0
12 17	2 41.98	+67 38.6	1.433	2.182	20.8	19.0

394463 2007 RS_{273} 11 16.3 54.°41 5.°5/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.52	+10 17.8	1.635	2.452	16.5	20.2
10 18	3 49.04	+ 8 41.9	1.571	2.462	13.0	20.0
10 28	3 43.01	+ 7 1.8	1.529	2.472	9.3	19.8
11 7	3 35.17	+ 5 24.8	1.513	2.482	6.2	19.7
11 17	3 26.51	+ 3 58.9	1.524	2.492	5.9	19.7
11 27	3 18.22	+ 2 51.7	1.562	2.502	8.7	19.9
12 7	3 11.33	+ 2 7.3	1.625	2.513	12.1	20.1
12 17	3 6.58	+ 1 47.0	1.711	2.523	15.4	20.3

336631 2009 VK_{103} 11 16.3 336.°64 3.°6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.97	+28 22.7	1.417	2.214	19.6	20.6
10 18	3 51.40	+28 29.3	1.333	2.207	16.1	20.3
10 28	3 45.39	+28 18.5	1.268	2.200	11.8	20.0
11 7	3 36.65	+27 48.3	1.224	2.194	7.1	19.8
11 17	3 26.40	+26 59.1	1.205	2.189	3.6	19.6
11 27	3 16.31	+25 55.8	1.213	2.184	6.1	19.7
12 7	3 7.98	+24 47.0	1.245	2.180	10.8	19.9
12 17	3 2.54	+23 41.8	1.301	2.176	15.3	20.2

422401 2014 SV_{279} 11 16.3 25.°69 0.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.35	+18 39.4	1.950	2.747	15.0	20.1
10 18	3 49.52	+18 46.7	1.875	2.754	11.8	19.9
10 28	3 43.32	+18 48.3	1.821	2.762	8.1	19.7
11 7	3 35.35	+18 44.9	1.793	2.771	4.0	19.4
11 17	3 26.51	+18 38.1	1.792	2.780	0.3	19.2
11 27	3 17.87	+18 30.1	1.820	2.790	4.5	19.5
12 7	3 10.44	+18 24.1	1.875	2.800	8.5	19.8
12 17	3 4.99	+18 23.0	1.956	2.811	11.9	20.0

389589 2011 FG_{129} 11 16.3 323.°70 8.°9/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 4.94	+42 51.7	2.374	3.049	15.7	20.6
10 18	3 59.55	+44 32.0	2.280	3.046	13.9	20.4
10 28	3 50.88	+45 58.7	2.207	3.043	11.9	20.3
11 7	3 39.43	+47 5.0	2.157	3.040	10.1	20.1
11 17	3 26.20	+47 45.4	2.133	3.037	9.0	20.1
11 27	3 12.69	+47 57.7	2.135	3.034	9.2	20.1
12 7	3 0.48	+47 44.6	2.164	3.031	10.5	20.2
12 17	2 50.86	+47 12.5	2.217	3.029	12.3	20.3

301516 2009 FF_{11} 11 16.3 72.°41 1.°5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.90	+16 37.9	1.807	2.609	15.8	21.1
10 18	3 50.84	+16 14.3	1.734	2.617	12.4	20.9
10 28	3 44.25	+15 44.5	1.682	2.625	8.5	20.7
11 7	3 35.82	+15 11.0	1.655	2.634	4.2	20.5
11 17	3 26.50	+14 36.9	1.656	2.643	1.7	20.3
11 27	3 17.45	+14 6.6	1.685	2.651	5.4	20.6
12 7	3 9.74	+13 44.1	1.742	2.660	9.5	20.9
12 17	3 4.14	+13 32.1	1.823	2.669	13.1	21.1

314291 2005 SA_{75} 11 16.3 53.°61 0.°7/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.54	+21 53.6	1.939	2.727	15.3	21.3
10 18	3 50.52	+21 51.2	1.860	2.734	12.2	21.1
10 28	3 44.04	+21 39.9	1.803	2.741	8.5	20.9
11 7	3 35.73	+21 20.3	1.771	2.747	4.3	20.6
11 17	3 26.50	+20 54.0	1.766	2.754	0.7	20.4
11 27	3 17.50	+20 24.3	1.790	2.761	4.5	20.7
12 7	3 9.76	+19 55.5	1.843	2.769	8.5	20.9
12 17	3 4.09	+19 31.9	1.920	2.776	12.1	21.2

408185 2013 EF_{10} 11 16.3 140.°91 0.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.13	+21 4.9	2.466	3.242	12.8	21.6
10 18	3 49.55	+20 36.1	2.383	3.251	10.1	21.4
10 28	3 43.02	+19 59.3	2.323	3.260	6.9	21.2
11 7	3 35.11	+19 15.8	2.290	3.268	3.4	21.0
11 17	3 26.55	+18 28.2	2.287	3.276	0.3	20.7
11 27	3 18.21	+17 40.1	2.315	3.284	3.9	21.1
12 7	3 10.88	+16 55.5	2.372	3.291	7.3	21.3
12 17	3 5.18	+16 17.9	2.456	3.297	10.3	21.5

366628 2003 SY_{37} 11 16.3 19.°36 0.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.10	+24 46.6	1.912	2.701	15.5	19.7
10 18	3 47.80	+23 43.2	1.831	2.706	12.3	19.5
10 28	3 42.12	+22 24.6	1.772	2.711	8.5	19.3
11 7	3 34.74	+20 53.4	1.738	2.716	4.3	19.1
11 17	3 26.58	+19 14.6	1.734	2.722	0.3	18.7
11 27	3 18.73	+17 35.3	1.758	2.729	4.7	19.1
12 7	3 12.18	+16 3.2	1.812	2.736	8.8	19.4
12 17	3 7.61	+14 44.3	1.891	2.743	12.4	19.6

12369 Pirandello 11 16.3 210.°10 3.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.70	+13 7.2	1.681	2.485	16.7	18.1
10 18	3 53.37	+12 35.7	1.598	2.482	13.3	17.9
10 28	3 46.22	+11 59.9	1.535	2.478	9.2	17.6
11 7	3 36.90	+11 23.1	1.497	2.474	5.0	17.4
11 17	3 26.43	+10 49.7	1.486	2.469	3.3	17.2
11 27	3 16.10	+10 24.2	1.504	2.464	6.8	17.5
12 7	3 7.18	+10 10.8	1.548	2.459	11.1	17.7
12 17	3 0.59	+10 11.7	1.616	2.453	14.9	17.9

36157 1999 RH_{210} 11 16.3 101.°95 4.°3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.62	+32 43.5	2.290	3.031	14.6	18.4
10 18	3 52.03	+33 6.4	2.207	3.039	12.1	18.3
10 28	3 45.02	+33 15.7	2.144	3.048	9.3	18.1
11 7	3 36.20	+33 9.6	2.106	3.056	6.4	17.9
11 17	3 26.48	+32 47.3	2.095	3.064	4.4	17.8
11 27	3 16.96	+32 11.0	2.113	3.072	5.2	17.9
12 7	3 8.67	+31 25.3	2.160	3.080	7.8	18.1
12 17	3 2.40	+30 35.8	2.234	3.088	10.7	18.3

273522 2007 BF_{17} 11 16.4 200.°53 5.°7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.05	+ 5 19.6	1.923	2.720	15.1	21.0
10 18	3 52.37	+ 4 29.9	1.842	2.717	12.2	20.8
10 28	3 45.27	+ 3 41.6	1.782	2.714	9.0	20.6
11 7	3 36.35	+ 3 0.1	1.749	2.710	6.4	20.5
11 17	3 26.47	+ 2 30.1	1.743	2.705	6.0	20.4
11 27	3 16.76	+ 2 16.1	1.765	2.700	8.3	20.6
12 7	3 8.24	+ 2 20.2	1.814	2.694	11.5	20.7
12 17	3 1.71	+ 2 42.2	1.886	2.688	14.5	20.9

272287 2005 ST_{9} 11 16.4 56.°50 7.°0/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 12.33	+31 5.0	1.305	2.070	22.5	19.9
10 18	4 5.82	+32 40.1	1.264	2.110	18.5	19.8
10 28	3 55.10	+33 57.3	1.240	2.149	14.1	19.6
11 7	3 41.28	+34 49.2	1.238	2.189	9.7	19.5
11 17	3 26.16	+35 11.1	1.262	2.228	7.1	19.5
11 27	3 11.95	+35 5.1	1.312	2.267	8.2	19.6
12 7	3 0.47	+34 39.6	1.388	2.306	11.5	19.9
12 17	2 52.76	+34 4.9	1.487	2.344	14.9	20.2

308824 2006 QF_{184} 11 16.4 83.°14 1.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.88	+21 21.5	1.923	2.702	15.8	20.9
10 18	3 54.59	+21 39.3	1.856	2.724	12.5	20.8
10 28	3 46.73	+21 49.6	1.811	2.746	8.7	20.6
11 7	3 37.01	+21 51.9	1.792	2.767	4.5	20.4
11 17	3 26.45	+21 47.0	1.801	2.789	1.0	20.2
11 27	3 16.24	+21 37.2	1.839	2.810	4.5	20.5
12 7	3 7.47	+21 26.0	1.907	2.831	8.4	20.7
12 17	3 0.91	+21 17.3	2.000	2.851	11.9	21.0

230253 2001 VO_{61} 11 16.4 42.°52 2.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.99	+27 32.4	1.387	2.185	19.9	19.8
10 18	3 52.71	+27 28.6	1.321	2.196	16.1	19.6
10 28	3 46.05	+27 7.3	1.273	2.207	11.6	19.4
11 7	3 36.85	+26 27.9	1.247	2.219	6.7	19.1
11 17	3 26.47	+25 32.3	1.246	2.231	2.9	18.9
11 27	3 16.53	+24 26.7	1.271	2.244	5.8	19.1
12 7	3 8.51	+23 19.6	1.323	2.256	10.4	19.4
12 17	3 3.37	+22 19.3	1.397	2.270	14.7	19.7

259461 2003 SN_{101} 11 16.4 59.°50 2.°6/17.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.71	+28 6.0	1.179	1.978	22.7	20.3
10 18	3 57.98	+27 41.5	1.136	2.012	18.1	20.1
10 28	3 49.46	+26 56.2	1.110	2.045	12.8	19.9
11 7	3 38.36	+25 50.9	1.106	2.079	7.1	19.7
11 17	3 26.39	+24 30.1	1.126	2.112	2.6	19.6
11 27	3 15.46	+23 3.3	1.173	2.146	6.0	19.9
12 7	3 7.02	+21 41.0	1.246	2.179	11.0	20.3
12 17	3 1.87	+20 31.7	1.342	2.212	15.3	20.6

363315 2002 ND_{80} 11 16.4 193.°07 4.°2/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.19	+37 38.8	2.845	3.548	12.8	20.8
10 18	3 51.22	+37 21.3	2.742	3.547	10.8	20.6
10 28	3 44.21	+36 47.9	2.661	3.545	8.5	20.5
11 7	3 35.73	+35 57.2	2.606	3.543	6.1	20.3
11 17	3 26.56	+34 49.6	2.579	3.540	4.4	20.2
11 27	3 17.64	+33 28.2	2.583	3.537	4.7	20.2
12 7	3 9.80	+31 58.1	2.617	3.534	6.8	20.3
12 17	3 3.70	+30 25.6	2.680	3.530	9.2	20.5

56961 2000 SR_{60} 11 16.4 199.°25 0.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.94	+18 39.9	2.378	3.160	13.0	20.2
10 18	3 49.59	+18 20.4	2.286	3.158	10.3	20.1
10 28	3 43.20	+17 54.5	2.217	3.155	7.1	19.8
11 7	3 35.29	+17 23.6	2.174	3.153	3.5	19.6
11 17	3 26.59	+16 49.9	2.161	3.149	0.7	19.4
11 27	3 18.01	+16 16.6	2.178	3.146	4.2	19.7
12 7	3 10.41	+15 47.4	2.225	3.142	7.8	19.9
12 17	3 4.46	+15 25.1	2.297	3.138	10.9	20.1

454780 2014 XE_{6} 11 16.4 342.°09 9.°8/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.78	+50 28.2	2.191	2.840	17.5	20.5
10 18	3 54.78	+50 55.4	2.097	2.836	15.8	20.3
10 28	3 47.44	+50 58.6	2.020	2.831	13.8	20.2
11 7	3 37.57	+50 32.2	1.962	2.827	11.8	20.0
11 17	3 26.44	+49 32.9	1.926	2.823	10.3	19.9
11 27	3 15.69	+48 1.8	1.917	2.819	9.8	19.9
12 7	3 6.80	+46 5.6	1.933	2.816	10.7	20.0
12 17	3 0.75	+43 54.4	1.975	2.814	12.5	20.1

207206 2005 EL_{66} 11 16.4 173.°66 7.°0/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.25	− 0 39.4	2.206	2.992	13.8	20.9
10 18	3 50.55	− 1 33.6	2.133	2.995	11.4	20.7
10 28	3 43.80	− 2 21.9	2.082	2.996	8.9	20.6
11 7	3 35.56	− 2 59.2	2.058	2.998	7.2	20.5
11 17	3 26.58	− 3 20.8	2.060	2.999	7.2	20.5
11 27	3 17.80	− 3 23.5	2.091	2.999	8.8	20.6
12 7	3 10.06	− 3 6.6	2.148	2.999	11.2	20.7
12 17	3 4.03	− 2 31.1	2.229	2.999	13.6	20.9

316949 2001 DW_{20} 11 16.4 198.°49 5.°9/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.52	− 2 19.0	3.026	3.800	10.7	21.2
10 18	3 47.10	− 3 12.1	2.945	3.797	8.9	21.0
10 28	3 41.19	− 4 0.1	2.889	3.792	7.2	20.9
11 7	3 34.20	− 4 39.2	2.859	3.788	6.0	20.8
11 17	3 26.68	− 5 5.9	2.858	3.783	6.1	20.8
11 27	3 19.25	− 5 17.5	2.886	3.777	7.4	20.9
12 7	3 12.53	− 5 13.2	2.941	3.771	9.1	21.0
12 17	3 7.02	− 4 53.2	3.020	3.765	11.0	21.2

457993 2009 WZ_{35} 11 16.4 342.°20 1.°1/15.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.63	+17 13.2	1.728	2.540	16.0	21.3
10 18	3 47.88	+17 3.1	1.640	2.529	12.7	21.0
10 28	3 42.53	+16 46.6	1.573	2.519	8.7	20.8
11 7	3 35.14	+16 25.7	1.530	2.510	4.3	20.5
11 17	3 26.62	+16 2.8	1.513	2.501	1.2	20.3
11 27	3 18.17	+15 41.9	1.524	2.494	5.4	20.5
12 7	3 10.95	+15 27.0	1.562	2.487	9.8	20.8
12 17	3 5.86	+15 21.4	1.623	2.481	13.8	21.0

71517 2000 CO_{59} 11 16.4 90.°62 2.°6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.81	+13 19.7	2.351	3.145	12.8	19.3
10 18	3 47.74	+12 35.0	2.277	3.157	10.0	19.1
10 28	3 41.80	+11 46.8	2.227	3.168	6.9	19.0
11 7	3 34.55	+10 58.1	2.204	3.180	3.8	18.8
11 17	3 26.68	+10 12.7	2.210	3.191	2.7	18.7
11 27	3 19.05	+ 9 34.3	2.246	3.202	5.2	18.9
12 7	3 12.40	+ 9 6.0	2.311	3.214	8.3	19.1
12 17	3 7.32	+ 8 49.6	2.401	3.225	11.1	19.3

450073 2015 RY_{50} 11 16.4 193.°60 6.°9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.79	+37 46.1	2.124	2.842	16.3	21.1
10 18	3 55.98	+38 38.7	2.033	2.841	13.9	20.9
10 28	3 48.17	+39 15.9	1.961	2.840	11.3	20.7
11 7	3 37.98	+39 33.0	1.912	2.839	8.7	20.6
11 17	3 26.44	+39 26.9	1.890	2.837	7.0	20.5
11 27	3 14.95	+38 58.1	1.895	2.835	7.4	20.5
12 7	3 4.90	+38 11.3	1.927	2.833	9.5	20.6
12 17	2 57.33	+37 13.8	1.985	2.831	12.1	20.8

125121 2001 UG_{51} 11 16.4 236.°59 4.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.23	+ 7 59.9	1.988	2.778	14.9	19.5
10 18	3 54.22	+ 7 44.9	1.892	2.766	12.0	19.3
10 28	3 46.68	+ 7 31.2	1.818	2.753	8.6	19.1
11 7	3 37.15	+ 7 21.9	1.770	2.740	5.3	18.9
11 17	3 26.50	+ 7 20.2	1.751	2.726	4.2	18.8
11 27	3 15.84	+ 7 28.9	1.761	2.712	6.9	18.9
12 7	3 6.30	+ 7 49.7	1.799	2.697	10.5	19.1
12 17	2 58.76	+ 8 23.1	1.862	2.682	14.0	19.3

186604 2003 BP_{92} 11 16.4 285.°36 2.°0/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.23	+23 48.9	2.027	2.805	15.1	20.9
10 18	3 52.16	+24 11.6	1.924	2.789	12.3	20.7
10 28	3 45.46	+24 26.3	1.841	2.773	8.8	20.4
11 7	3 36.63	+24 31.8	1.784	2.756	4.9	20.2
11 17	3 26.54	+24 27.6	1.754	2.740	2.0	19.9
11 27	3 16.36	+24 15.4	1.754	2.724	4.7	20.1
12 7	3 7.29	+23 58.7	1.782	2.708	8.8	20.3
12 17	3 0.30	+23 42.1	1.835	2.692	12.5	20.5

323186 2003 OE_{16} 11 16.4 41.°30 1.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.51	+26 2.9	2.085	2.862	14.8	20.0
10 18	3 48.80	+25 43.1	2.004	2.869	11.8	19.8
10 28	3 42.80	+25 11.1	1.945	2.877	8.4	19.6
11 7	3 35.13	+24 27.2	1.911	2.884	4.6	19.4
11 17	3 26.66	+23 33.8	1.905	2.892	1.6	19.2
11 27	3 18.44	+22 35.0	1.929	2.900	4.2	19.4
12 7	3 11.44	+21 36.4	1.981	2.908	7.9	19.7
12 17	3 6.35	+20 43.1	2.058	2.917	11.3	19.9

386980 2012 PG_{17} 11 16.4 31.°82 2.°6/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.04	+14 36.3	1.178	2.012	20.6	20.5
10 18	3 52.06	+14 18.4	1.125	2.026	16.2	20.3
10 28	3 45.64	+13 55.5	1.090	2.040	11.1	20.0
11 7	3 36.67	+13 31.2	1.076	2.056	5.7	19.8
11 17	3 26.56	+13 9.8	1.087	2.073	2.8	19.7
11 27	3 16.98	+12 56.4	1.124	2.091	7.2	20.0
12 7	3 9.40	+12 54.7	1.184	2.110	12.2	20.3
12 17	3 4.72	+13 6.7	1.265	2.129	16.5	20.6

51592 2001 HO_{18} 11 16.4 78.°87 2.°9/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.64	+14 1.4	1.472	2.283	18.3	19.3
10 18	3 54.16	+13 28.5	1.413	2.301	14.4	19.1
10 28	3 46.69	+12 51.0	1.375	2.319	9.9	18.9
11 7	3 37.09	+12 12.7	1.360	2.337	5.2	18.6
11 17	3 26.55	+11 38.0	1.371	2.355	3.1	18.6
11 27	3 16.50	+11 12.0	1.411	2.373	6.8	18.8
12 7	3 8.18	+10 58.5	1.476	2.391	11.2	19.1
12 17	3 2.42	+10 59.3	1.564	2.408	15.0	19.4

513933 2014 DB_{55} 11 16.4 151.°70 3.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.47	+10 9.3	2.125	2.919	14.0	22.1
10 18	3 50.84	+ 9 24.3	2.048	2.926	11.1	21.9
10 28	3 44.06	+ 8 37.7	1.995	2.932	7.8	21.7
11 7	3 35.72	+ 7 53.2	1.967	2.938	4.7	21.5
11 17	3 26.64	+ 7 14.8	1.969	2.944	3.9	21.5
11 27	3 17.78	+ 6 46.6	2.000	2.949	6.4	21.6
12 7	3 10.03	+ 6 31.3	2.059	2.953	9.6	21.9
12 17	3 4.08	+ 6 30.2	2.142	2.958	12.6	22.1

380768 2005 TW_{188} 11 16.4 242.°53 2.°3/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.89	+25 27.3	1.729	2.510	17.2	21.6
10 18	3 53.83	+25 34.3	1.637	2.504	13.9	21.4
10 28	3 46.77	+25 29.2	1.565	2.497	10.0	21.1
11 7	3 37.31	+25 10.6	1.517	2.489	5.7	20.8
11 17	3 26.52	+24 39.0	1.496	2.482	2.3	20.6
11 27	3 15.81	+23 57.9	1.503	2.474	5.2	20.8
12 7	3 6.55	+23 13.0	1.538	2.466	9.7	21.0
12 17	2 59.78	+22 31.1	1.597	2.458	13.8	21.3

323213 2003 SP_{36} 11 16.4 66.°72 7.°6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 2.45	+39 50.9	2.265	2.964	15.8	20.5
10 18	3 57.19	+41 8.8	2.186	2.976	13.7	20.4
10 28	3 48.95	+42 11.7	2.128	2.988	11.3	20.2
11 7	3 38.36	+42 54.4	2.093	3.000	9.1	20.1
11 17	3 26.45	+43 13.1	2.083	3.012	7.8	20.0
11 27	3 14.62	+43 7.4	2.102	3.025	7.9	20.1
12 7	3 4.23	+42 41.4	2.147	3.037	9.5	20.2
12 17	2 56.29	+42 1.6	2.217	3.049	11.6	20.4

306588 2000 FE_{54} 11 16.4 194.°23 1.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.98	+24 25.3	2.551	3.308	12.9	22.1
10 18	3 52.78	+24 39.5	2.453	3.306	10.4	21.9
10 28	3 45.43	+24 45.9	2.378	3.303	7.4	21.7
11 7	3 36.46	+24 43.8	2.329	3.299	4.1	21.5
11 17	3 26.60	+24 33.4	2.310	3.295	1.7	21.3
11 27	3 16.79	+24 16.3	2.322	3.291	3.9	21.5
12 7	3 7.95	+23 55.6	2.364	3.285	7.2	21.7
12 17	3 0.82	+23 35.0	2.433	3.279	10.2	21.9

390164 2012 VO_{101} 11 16.4 353.°73 1.°0/15.7 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 47.51	+17 39.3	2.165	2.968	13.5	21.0
10 18	3 44.81	+17 18.1	2.077	2.961	10.6	20.8
10 28	3 40.08	+16 50.8	2.011	2.955	7.3	20.6
11 7	3 33.82	+16 19.3	1.971	2.951	3.6	20.4
11 17	3 26.78	+15 46.4	1.959	2.946	1.1	20.2
11 27	3 19.83	+15 15.5	1.975	2.943	4.5	20.4
12 7	3 13.84	+14 50.2	2.019	2.941	8.2	20.6
12 17	3 9.50	+14 33.5	2.089	2.940	11.4	20.8

409758 2006 DD_{93} 11 16.4 25.°56 0.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.26	+19 58.2	2.243	3.030	13.6	21.3
10 18	3 48.42	+19 42.1	2.157	3.032	10.7	21.2
10 28	3 42.47	+19 18.6	2.094	3.033	7.4	20.9
11 7	3 34.98	+18 49.2	2.056	3.035	3.6	20.7
11 17	3 26.70	+18 15.9	2.047	3.036	0.3	20.4
11 27	3 18.57	+17 42.1	2.068	3.038	4.2	20.8
12 7	3 11.48	+17 11.6	2.118	3.040	7.8	21.0
12 17	3 6.10	+16 47.6	2.193	3.041	11.1	21.2

304420 2006 TK_{64} 11 16.4 5.°31 1.°0/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.84	+20 49.4	1.452	2.272	18.1	19.6
10 18	3 47.62	+19 57.3	1.379	2.272	14.3	19.4
10 28	3 42.47	+18 51.1	1.325	2.273	9.8	19.1
11 7	3 35.12	+17 34.4	1.294	2.275	4.8	18.9
11 17	3 26.70	+16 13.2	1.290	2.278	1.2	18.6
11 27	3 18.57	+14 55.3	1.312	2.282	6.0	19.0
12 7	3 11.99	+13 48.7	1.360	2.286	10.9	19.2
12 17	3 7.84	+12 58.8	1.430	2.292	15.1	19.5

329335 2001 FR_{136} 11 16.4 242.°55 3.°0/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.28	+ 9 12.3	2.771	3.555	11.3	21.3
10 18	3 48.79	+ 8 49.9	2.669	3.540	9.0	21.1
10 28	3 42.55	+ 8 27.1	2.590	3.525	6.4	20.9
11 7	3 34.99	+ 8 6.3	2.539	3.509	3.9	20.7
11 17	3 26.71	+ 7 50.1	2.518	3.493	3.1	20.6
11 27	3 18.43	+ 7 41.1	2.527	3.477	5.2	20.7
12 7	3 10.89	+ 7 41.0	2.566	3.460	8.0	20.9
12 17	3 4.69	+ 7 51.0	2.631	3.442	10.6	21.1

208800 2002 QP_{78} 11 16.4 31.°27 1.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.66	+16 8.1	1.628	2.437	16.9	20.5
10 18	3 51.02	+15 52.6	1.555	2.442	13.3	20.3
10 28	3 44.62	+15 31.5	1.502	2.448	9.2	20.0
11 7	3 36.14	+15 7.0	1.474	2.454	4.6	19.8
11 17	3 26.64	+14 42.2	1.473	2.460	1.7	19.6
11 27	3 17.38	+14 21.3	1.499	2.466	5.8	19.9
12 7	3 9.58	+14 8.2	1.552	2.473	10.2	20.2
12 17	3 4.09	+14 5.6	1.628	2.481	14.1	20.4

402304 2005 SC_{290} 11 16.4 11.°16 0.°5/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.35	+19 55.7	1.895	2.687	15.5	21.6
10 18	3 51.34	+20 9.2	1.811	2.688	12.3	21.4
10 28	3 44.76	+20 16.4	1.750	2.689	8.6	21.2
11 7	3 36.21	+20 17.3	1.713	2.690	4.3	20.9
11 17	3 26.63	+20 12.8	1.703	2.692	0.5	20.6
11 27	3 17.18	+20 5.1	1.723	2.694	4.7	20.9
12 7	3 8.97	+19 57.7	1.770	2.696	8.8	21.2
12 17	3 2.88	+19 53.9	1.842	2.699	12.5	21.4

333533 2005 SH_{85} 11 16.4 98.°79 0.°9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.68	+18 38.6	1.687	2.480	17.1	21.9
10 18	3 54.65	+18 12.5	1.623	2.501	13.4	21.7
10 28	3 46.88	+17 38.2	1.580	2.522	9.1	21.5
11 7	3 37.15	+16 57.9	1.563	2.542	4.5	21.3
11 17	3 26.58	+16 15.0	1.573	2.561	1.1	21.1
11 27	3 16.47	+15 34.6	1.612	2.580	5.4	21.4
12 7	3 7.96	+15 1.4	1.679	2.599	9.7	21.7
12 17	3 1.84	+14 39.0	1.771	2.617	13.4	22.0

177664 2005 EH_{11} 11 16.4 338.°59 2.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.19	+14 10.5	1.134	1.972	20.9	19.8
10 18	3 52.04	+14 2.1	1.059	1.963	16.7	19.5
10 28	3 46.16	+13 49.2	1.002	1.954	11.7	19.2
11 7	3 37.23	+13 35.1	0.966	1.947	6.0	18.8
11 17	3 26.56	+13 23.4	0.954	1.940	2.9	18.6
11 27	3 15.98	+13 19.2	0.966	1.935	7.8	18.9
12 7	3 7.30	+13 26.8	1.000	1.930	13.5	19.2
12 17	3 1.78	+13 48.5	1.055	1.926	18.5	19.5

143149 2002 XC_{44} 11 16.4 343.°01 2.°8/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.78	+26 16.6	1.833	2.613	16.4	20.0
10 18	3 51.97	+26 36.0	1.746	2.610	13.3	19.8
10 28	3 45.37	+26 44.2	1.680	2.608	9.7	19.5
11 7	3 36.59	+26 39.6	1.637	2.606	5.7	19.3
11 17	3 26.63	+26 22.2	1.621	2.605	2.8	19.1
11 27	3 16.78	+25 54.4	1.634	2.603	5.1	19.3
12 7	3 8.29	+25 21.2	1.673	2.602	9.0	19.5
12 17	3 2.10	+24 48.2	1.738	2.601	12.8	19.7

71163 1999 XU_{199} 11 16.4 305.°74 4.°6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.64	+29 37.5	1.725	2.498	17.6	19.4
10 18	3 53.16	+30 14.9	1.629	2.485	14.6	19.2
10 28	3 46.54	+30 39.5	1.553	2.473	11.0	18.9
11 7	3 37.33	+30 47.9	1.500	2.460	7.2	18.7
11 17	3 26.58	+30 38.0	1.472	2.448	4.7	18.5
11 27	3 15.77	+30 11.2	1.472	2.437	6.2	18.6
12 7	3 6.40	+29 32.7	1.498	2.425	10.0	18.7
12 17	2 59.62	+28 49.7	1.548	2.414	13.9	19.0

298002 2002 OT_4 11 16.4 49.°48 3.°8/14.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.36	+13 32.1	1.407	2.224	18.7	20.4
10 18	3 52.91	+12 29.3	1.368	2.260	14.5	20.3
10 28	3 45.61	+11 22.5	1.349	2.295	9.9	20.1
11 7	3 36.45	+10 17.5	1.355	2.331	5.5	19.9
11 17	3 26.67	+ 9 20.5	1.387	2.367	4.0	19.9
11 27	3 17.61	+ 8 37.5	1.446	2.404	7.3	20.2
12 7	3 10.38	+ 8 11.8	1.531	2.440	11.3	20.6
12 17	3 5.62	+ 8 4.4	1.638	2.476	14.7	20.9

89484 2001 XO_{29} 11 16.4 7.°93 2.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.10	+15 36.7	1.186	2.025	20.2	18.3
10 18	3 49.18	+15 4.2	1.121	2.026	15.9	18.0
10 28	3 43.86	+14 23.8	1.075	2.028	11.0	17.8
11 7	3 35.94	+13 39.8	1.050	2.031	5.6	17.5
11 17	3 26.69	+12 57.9	1.050	2.035	2.9	17.4
11 27	3 17.78	+12 24.8	1.073	2.041	7.5	17.6
12 7	3 10.70	+12 5.8	1.121	2.048	12.6	18.0
12 17	3 6.45	+12 4.0	1.189	2.056	17.1	18.2

407614 2011 BB_{120} 11 16.4 30.°26 2.°9/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.44	+12 57.2	1.965	2.772	14.5	20.8
10 18	3 47.92	+12 19.7	1.893	2.778	11.4	20.6
10 28	3 42.19	+11 38.9	1.842	2.786	7.9	20.4
11 7	3 34.87	+10 58.0	1.817	2.793	4.3	20.2
11 17	3 26.77	+10 21.0	1.819	2.801	3.0	20.1
11 27	3 18.90	+ 9 52.0	1.851	2.809	5.9	20.3
12 7	3 12.18	+ 9 34.2	1.909	2.818	9.4	20.6
12 17	3 7.29	+ 9 29.4	1.991	2.826	12.6	20.8

475842 2007 BS_{43} 11 16.4 313.°77 2.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.92	+24 45.3	1.343	2.153	19.8	21.0
10 18	3 51.77	+25 0.7	1.249	2.133	16.2	20.7
10 28	3 46.04	+25 2.9	1.172	2.112	11.7	20.4
11 7	3 37.27	+24 50.0	1.117	2.092	6.6	20.0
11 17	3 26.60	+24 21.6	1.087	2.073	2.6	19.7
11 27	3 15.75	+23 41.4	1.081	2.054	6.3	19.9
12 7	3 6.55	+22 56.4	1.100	2.036	11.8	20.2
12 17	3 0.37	+22 15.1	1.141	2.019	16.9	20.4

467469 2006 PP_{28} 11 16.4 41.°97 17.°4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 8.43	−19 13.4	1.076	1.851	25.8	19.6
10 18	4 2.19	−19 47.5	1.052	1.877	22.9	19.5
10 28	3 52.16	−19 46.0	1.042	1.904	20.2	19.4
11 7	3 39.67	−18 58.9	1.049	1.932	18.1	19.4
11 17	3 26.50	−17 22.7	1.075	1.961	17.4	19.4
11 27	3 14.54	−15 2.1	1.123	1.991	18.1	19.6
12 7	3 5.24	−12 9.0	1.192	2.021	19.8	19.8
12 17	2 59.32	− 8 56.9	1.281	2.051	21.8	20.1

377083 2002 VR_{15} 11 16.4 324.°39 0.°7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.59	+20 21.8	1.267	2.091	20.0	20.2
10 18	3 51.50	+20 32.7	1.181	2.075	16.1	19.9
10 28	3 45.82	+20 34.3	1.112	2.059	11.4	19.6
11 7	3 37.14	+20 26.3	1.064	2.044	5.8	19.3
11 17	3 26.62	+20 10.0	1.041	2.029	0.7	18.8
11 27	3 16.01	+19 49.0	1.043	2.016	6.4	19.2
12 7	3 7.10	+19 29.5	1.068	2.003	12.2	19.5
12 17	3 1.23	+19 17.2	1.115	1.992	17.3	19.7

243570 1995 XR_4 11 16.4 339.°06 3.°7/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.17	+11 7.3	1.566	2.383	17.1	20.2
10 18	3 50.83	+10 43.2	1.487	2.378	13.6	19.9
10 28	3 44.64	+10 17.3	1.428	2.373	9.6	19.7
11 7	3 36.26	+ 9 53.5	1.393	2.368	5.4	19.4
11 17	3 26.69	+ 9 35.8	1.383	2.364	3.9	19.3
11 27	3 17.26	+ 9 28.5	1.401	2.361	7.2	19.5
12 7	3 9.23	+ 9 34.5	1.444	2.358	11.5	19.8
12 17	3 3.55	+ 9 55.0	1.510	2.355	15.4	20.0

410923 2009 SL_{231} 11 16.4 79.°60 3.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.00	+11 39.7	2.164	2.964	13.6	21.3
10 18	3 48.07	+10 42.2	2.094	2.975	10.7	21.1
10 28	3 42.13	+ 9 41.6	2.046	2.987	7.4	21.0
11 7	3 34.79	+ 8 42.1	2.025	2.998	4.4	20.8
11 17	3 26.80	+ 7 48.2	2.033	3.009	3.7	20.8
11 27	3 19.05	+ 7 4.3	2.070	3.020	6.1	21.0
12 7	3 12.38	+ 6 33.6	2.134	3.031	9.2	21.2
12 17	3 7.39	+ 6 17.8	2.224	3.042	12.1	21.4

509581 2008 CM_{194} 11 16.4 267.°00 3.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.53	+13 34.2	1.553	2.364	17.5	21.7
10 18	3 52.89	+12 59.5	1.463	2.351	14.0	21.5
10 28	3 46.22	+12 19.2	1.393	2.338	9.8	21.2
11 7	3 37.12	+11 36.8	1.347	2.325	5.3	20.9
11 17	3 26.63	+10 57.2	1.328	2.311	3.4	20.8
11 27	3 16.17	+10 25.8	1.336	2.297	7.3	21.0
12 7	3 7.12	+10 7.7	1.369	2.283	11.9	21.2
12 17	3 0.55	+10 5.7	1.425	2.269	16.2	21.4

70641 1999 TS_{240} 11 16.4 336.°82 3.°9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.40	+10 0.4	1.624	2.437	16.8	19.3
10 18	3 51.68	+ 9 41.6	1.545	2.433	13.4	19.1
10 28	3 45.16	+ 9 22.6	1.486	2.429	9.4	18.8
11 7	3 36.50	+ 9 6.9	1.451	2.425	5.5	18.6
11 17	3 26.68	+ 8 58.3	1.442	2.422	4.1	18.5
11 27	3 17.00	+ 9 0.4	1.461	2.419	7.2	18.7
12 7	3 8.70	+ 9 15.4	1.506	2.417	11.3	18.9
12 17	3 2.69	+ 9 44.0	1.574	2.414	15.1	19.1

402757 2006 YV_{48} 11 16.4 308.°01 8.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.42	− 5 3.5	2.002	2.789	15.0	21.2
10 18	3 50.24	− 5 54.7	1.929	2.784	12.7	21.0
10 28	3 43.80	− 6 36.2	1.876	2.778	10.5	20.9
11 7	3 35.71	− 7 1.6	1.848	2.773	9.0	20.8
11 17	3 26.76	− 7 5.9	1.846	2.768	9.0	20.7
11 27	3 17.97	− 6 46.1	1.870	2.763	10.6	20.8
12 7	3 10.28	− 6 2.6	1.918	2.758	12.8	21.0
12 17	3 4.45	− 4 57.8	1.989	2.754	15.2	21.1

244030 2001 SH_{215} 11 16.4 39.°95 5.°0/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.81	+ 9 6.0	1.505	2.326	17.5	19.9
10 18	3 50.21	+ 8 16.6	1.454	2.346	13.8	19.8
10 28	3 43.92	+ 7 27.3	1.423	2.366	9.8	19.6
11 7	3 35.74	+ 6 43.6	1.416	2.387	6.1	19.4
11 17	3 26.77	+ 6 10.8	1.434	2.408	5.2	19.4
11 27	3 18.26	+ 5 53.4	1.480	2.431	8.0	19.6
12 7	3 11.30	+ 5 53.6	1.550	2.453	11.6	19.9
12 17	3 6.64	+ 6 11.2	1.644	2.476	14.9	20.2

366298 2013 CF_3 11 16.4 27.°38 16.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 11.52	+45 57.0	1.227	1.947	25.9	20.4
10 18	4 8.46	+48 40.0	1.160	1.948	23.4	20.2
10 28	3 59.44	+51 1.7	1.108	1.950	20.7	20.0
11 7	3 44.73	+52 46.2	1.073	1.951	18.3	19.8
11 17	3 26.12	+53 38.1	1.057	1.953	16.7	19.8
11 27	3 7.14	+53 30.7	1.061	1.955	16.7	19.8
12 7	2 51.52	+52 32.1	1.085	1.957	18.1	19.9
12 17	2 41.67	+50 59.7	1.128	1.960	20.4	20.0

176927 2002 VS_{119} 11 16.4 314.°72 1.°9/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.59	+21 52.4	1.722	2.514	16.8	19.5
10 18	3 52.98	+22 29.1	1.623	2.498	13.6	19.2
10 28	3 46.37	+22 59.7	1.545	2.482	9.7	19.0
11 7	3 37.27	+23 22.6	1.491	2.466	5.3	18.7
11 17	3 26.65	+23 36.7	1.464	2.451	1.9	18.4
11 27	3 15.88	+23 42.9	1.465	2.436	5.3	18.6
12 7	3 6.38	+23 44.4	1.492	2.422	9.9	18.8
12 17	2 59.29	+23 45.4	1.544	2.408	14.1	19.1

288123 2003 WT_{71} 11 16.4 329.°76 1.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.66	+24 2.0	1.380	2.187	19.5	20.6
10 18	3 52.64	+23 39.8	1.301	2.184	15.7	20.3
10 28	3 46.22	+23 1.8	1.240	2.181	11.1	20.0
11 7	3 37.14	+22 8.4	1.201	2.179	5.8	19.7
11 17	3 26.67	+21 2.9	1.188	2.176	1.0	19.4
11 27	3 16.43	+19 52.2	1.201	2.174	5.9	19.7
12 7	3 7.97	+18 45.2	1.240	2.172	11.2	20.0
12 17	3 2.37	+17 49.5	1.302	2.170	15.8	20.3

67153 2000 AP_{189} 11 16.4 8.°21 11.°1/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.30	− 3 4.1	1.345	2.170	19.0	18.2
10 18	3 48.72	− 4 28.0	1.290	2.171	16.0	18.0
10 28	3 43.20	− 5 40.8	1.254	2.173	13.1	17.8
11 7	3 35.51	− 6 32.6	1.240	2.176	11.3	17.8
11 17	3 26.78	− 6 55.5	1.248	2.181	11.4	17.8
11 27	3 18.38	− 6 44.8	1.279	2.186	13.4	17.9
12 7	3 11.56	− 6 1.5	1.332	2.192	16.1	18.1
12 17	3 7.18	− 4 50.0	1.404	2.200	19.0	18.3

443607 2014 LT_8 11 16.4 285.°69 3.°8/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.43	+ 9 52.3	1.841	2.645	15.5	21.1
10 18	3 51.35	+ 9 29.3	1.758	2.641	12.3	20.9
10 28	3 44.75	+ 9 5.9	1.697	2.638	8.7	20.6
11 7	3 36.25	+ 8 45.4	1.661	2.634	5.1	20.4
11 17	3 26.73	+ 8 31.3	1.652	2.630	3.9	20.4
11 27	3 17.34	+ 8 27.2	1.672	2.627	6.8	20.5
12 7	3 9.16	+ 8 35.4	1.718	2.623	10.5	20.7
12 17	3 3.04	+ 8 56.7	1.788	2.620	14.0	21.0

469837 2005 SN_{265} 11 16.4 35.°45 0.°7/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.90	+21 41.9	1.171	1.995	21.3	21.0
10 18	3 52.98	+21 39.4	1.116	2.010	16.9	20.8
10 28	3 46.43	+21 24.1	1.079	2.026	11.7	20.5
11 7	3 37.17	+20 57.1	1.063	2.042	5.9	20.3
11 17	3 26.69	+20 21.3	1.072	2.060	0.8	19.9
11 27	3 16.77	+19 42.8	1.105	2.079	6.1	20.4
12 7	3 8.97	+19 8.4	1.163	2.098	11.4	20.7
12 17	3 4.25	+18 43.9	1.243	2.118	16.0	21.1

251781 1999 RL_{106} 11 16.4 35.°61 4.°4/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.14	+29 47.5	1.053	1.869	23.8	19.2
10 18	3 53.74	+29 54.0	1.004	1.887	19.3	19.0
10 28	3 47.19	+29 37.4	0.971	1.906	14.1	18.7
11 7	3 37.59	+28 55.9	0.957	1.927	8.6	18.5
11 17	3 26.67	+27 51.8	0.966	1.948	4.5	18.4
11 27	3 16.53	+26 33.5	0.999	1.971	6.8	18.6
12 7	3 8.90	+25 12.7	1.055	1.994	11.8	18.9
12 17	3 4.74	+24 0.3	1.133	2.018	16.3	19.3

453502 2009 US_1 11 16.4 9.°94 3.°0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.03	+31 59.3	1.608	2.391	18.2	19.1
10 18	3 47.70	+31 11.1	1.531	2.394	14.9	18.9
10 28	3 42.46	+29 59.8	1.472	2.399	10.9	18.6
11 7	3 35.12	+28 26.0	1.437	2.405	6.6	18.4
11 17	3 26.83	+26 34.1	1.429	2.412	3.1	18.2
11 27	3 18.93	+24 32.5	1.448	2.421	5.1	18.4
12 7	3 12.64	+22 31.9	1.495	2.430	9.3	18.6
12 17	3 8.74	+20 42.0	1.567	2.440	13.3	18.9

330851 2009 PP_{12} 11 16.4 12.°43 6.°5/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.49	+ 4 44.3	1.748	2.565	15.6	20.1
10 18	3 47.42	+ 3 41.7	1.682	2.568	12.6	19.9
10 28	3 41.99	+ 2 41.5	1.636	2.571	9.4	19.7
11 7	3 34.84	+ 1 49.7	1.616	2.575	6.9	19.6
11 17	3 26.85	+ 1 12.3	1.621	2.580	6.7	19.6
11 27	3 19.09	+ 0 53.8	1.653	2.586	8.9	19.8
12 7	3 12.56	+ 0 56.0	1.709	2.592	12.0	20.0
12 17	3 7.99	+ 1 18.6	1.788	2.598	14.9	20.2

515544 2014 GJ_{56} 11 16.4 113.°50 0.°9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.78	+18 14.5	2.006	2.796	14.8	22.1
10 18	3 51.33	+17 50.4	1.930	2.806	11.7	21.9
10 28	3 44.54	+17 19.4	1.876	2.816	8.0	21.7
11 7	3 36.06	+16 43.3	1.848	2.826	3.9	21.5
11 17	3 26.77	+16 5.0	1.848	2.836	1.0	21.3
11 27	3 17.74	+15 28.6	1.878	2.845	4.8	21.5
12 7	3 9.95	+14 58.2	1.936	2.854	8.7	21.8
12 17	3 4.12	+14 36.8	2.020	2.863	12.1	22.0

293558 2007 HC_{45} 11 16.4 99.°08 5.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.76	+ 1 12.3	2.653	3.437	11.8	21.0
10 18	3 48.14	+ 0 16.5	2.597	3.459	9.5	20.9
10 28	3 41.92	− 0 34.9	2.565	3.482	7.3	20.8
11 7	3 34.62	− 1 17.7	2.560	3.504	5.8	20.7
11 17	3 26.87	− 1 48.4	2.584	3.525	5.7	20.8
11 27	3 19.38	− 2 4.4	2.636	3.547	7.1	20.9
12 7	3 12.79	− 2 4.7	2.716	3.567	9.1	21.0
12 17	3 7.58	− 1 50.0	2.820	3.588	11.1	21.2

492936 2014 RU_{55} 11 16.4 334.°40 4.°1/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.11	+30 32.5	2.166	2.921	14.9	21.9
10 18	3 51.16	+31 2.3	2.074	2.918	12.4	21.7
10 28	3 44.69	+31 20.1	2.002	2.914	9.3	21.5
11 7	3 36.26	+31 23.8	1.954	2.911	6.2	21.4
11 17	3 26.76	+31 12.4	1.934	2.908	4.1	21.2
11 27	3 17.31	+30 47.3	1.942	2.905	5.2	21.3
12 7	3 9.04	+30 12.9	1.978	2.902	8.2	21.5
12 17	3 2.80	+29 34.4	2.041	2.899	11.3	21.7

158669 2003 EA_{47} 11 16.4 178.°98 0.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.22	+20 5.7	2.223	3.000	14.0	20.8
10 18	3 52.30	+19 26.6	2.133	3.002	11.1	20.6
10 28	3 45.15	+18 38.3	2.066	3.003	7.6	20.4
11 7	3 36.36	+17 42.8	2.026	3.004	3.7	20.2
11 17	3 26.76	+16 43.4	2.015	3.004	0.8	19.9
11 27	3 17.35	+15 44.5	2.036	3.003	4.6	20.2
12 7	3 9.09	+14 51.2	2.086	3.001	8.3	20.5
12 17	3 2.67	+14 7.5	2.162	2.999	11.7	20.7

326758 2003 SU_{70} 11 16.4 109.°61 1.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.63	+27 12.9	2.389	3.151	13.5	20.6
10 18	3 49.44	+27 0.4	2.303	3.157	10.9	20.4
10 28	3 43.16	+26 36.4	2.239	3.163	7.8	20.2
11 7	3 35.36	+26 1.0	2.200	3.169	4.5	20.0
11 17	3 26.82	+25 15.8	2.191	3.175	2.0	19.8
11 27	3 18.48	+24 24.0	2.211	3.181	3.9	20.0
12 7	3 11.22	+23 30.2	2.261	3.186	7.2	20.2
12 17	3 5.69	+22 39.3	2.337	3.192	10.2	20.4

259657 2003 WY_{117} 11 16.4 21.°09 1.°1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.25	+18 25.0	1.119	1.945	21.9	19.6
10 18	3 56.11	+19 14.4	1.056	1.951	17.5	19.4
10 28	3 48.97	+19 59.3	1.010	1.957	12.2	19.1
11 7	3 38.65	+20 37.6	0.986	1.965	6.3	18.8
11 17	3 26.62	+21 7.9	0.985	1.974	1.1	18.5
11 27	3 14.90	+21 31.0	1.010	1.983	6.6	18.9
12 7	3 5.37	+21 50.4	1.058	1.993	12.2	19.3
12 17	2 59.27	+22 10.6	1.128	2.005	17.1	19.6

46147 2001 FK_{66} 11 16.4 73.°17 4.°7/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.12	+ 9 13.8	1.788	2.596	15.7	19.2
10 18	3 50.27	+ 8 22.6	1.714	2.599	12.4	19.0
10 28	3 43.96	+ 7 30.0	1.662	2.602	8.9	18.8
11 7	3 35.83	+ 6 40.9	1.635	2.605	5.6	18.6
11 17	3 26.81	+ 6 0.4	1.635	2.608	4.9	18.6
11 27	3 18.01	+ 5 33.3	1.664	2.611	7.5	18.7
12 7	3 10.49	+ 5 22.7	1.718	2.615	11.0	19.0
12 17	3 5.01	+ 5 29.4	1.796	2.618	14.3	19.2

171451 2007 SR_7 11 16.4 116.°78 2.°2/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.57	+15 1.4	1.891	2.690	15.3	20.8
10 18	3 51.30	+14 29.3	1.815	2.697	12.1	20.6
10 28	3 44.61	+13 52.1	1.761	2.703	8.3	20.4
11 7	3 36.14	+13 12.6	1.732	2.710	4.3	20.1
11 17	3 26.80	+12 34.5	1.732	2.717	2.3	20.0
11 27	3 17.71	+12 2.1	1.760	2.723	5.7	20.3
12 7	3 9.88	+11 39.2	1.816	2.729	9.5	20.5
12 17	3 4.09	+11 28.3	1.897	2.735	13.0	20.7

484159 2006 UC_{39} 11 16.4 18.°51 1.°3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.57	+22 27.9	1.791	2.582	16.3	21.2
10 18	3 51.74	+22 40.6	1.710	2.584	13.1	21.0
10 28	3 45.18	+22 44.4	1.649	2.586	9.2	20.8
11 7	3 36.52	+22 39.0	1.613	2.589	4.9	20.5
11 17	3 26.77	+22 25.0	1.604	2.591	1.3	20.3
11 27	3 17.18	+22 5.4	1.623	2.595	4.8	20.5
12 7	3 8.95	+21 44.4	1.669	2.598	9.1	20.8
12 17	3 2.97	+21 26.6	1.741	2.602	12.9	21.0

248803 2006 SB_{130} 11 16.4 122.°22 1.°8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.42	+25 36.4	2.065	2.836	15.1	21.2
10 18	3 51.98	+25 33.4	1.983	2.844	12.1	21.0
10 28	3 45.09	+25 19.2	1.922	2.851	8.6	20.8
11 7	3 36.39	+24 53.5	1.886	2.858	4.8	20.6
11 17	3 26.79	+24 17.6	1.879	2.865	1.9	20.4
11 27	3 17.42	+23 34.9	1.901	2.871	4.4	20.6
12 7	3 9.32	+22 50.4	1.951	2.878	8.1	20.8
12 17	3 3.25	+22 9.1	2.028	2.884	11.5	21.0

513345 2007 RS_{249} 11 16.4 78.°65 8.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.13	+41 43.8	1.832	2.541	18.8	21.3
10 18	3 58.20	+42 30.3	1.764	2.560	16.2	21.1
10 28	3 49.81	+42 55.3	1.714	2.579	13.3	21.0
11 7	3 38.84	+42 53.3	1.685	2.598	10.5	20.9
11 17	3 26.64	+42 21.6	1.680	2.617	8.6	20.8
11 27	3 14.93	+41 22.7	1.702	2.636	8.6	20.8
12 7	3 5.21	+40 4.0	1.750	2.654	10.4	21.0
12 17	2 58.46	+38 35.7	1.822	2.673	12.9	21.2

434618 2005 UB_{519} 11 16.4 189.°97 5.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.65	+ 6 25.1	1.832	2.631	15.7	21.3
10 18	3 53.03	+ 5 44.4	1.753	2.631	12.6	21.1
10 28	3 45.88	+ 5 5.0	1.696	2.630	9.2	20.9
11 7	3 36.82	+ 4 31.8	1.664	2.629	6.2	20.7
11 17	3 26.77	+ 4 9.3	1.659	2.627	5.5	20.6
11 27	3 16.90	+ 4 1.6	1.682	2.625	8.0	20.8
12 7	3 8.30	+ 4 10.7	1.732	2.622	11.4	21.0
12 17	3 1.79	+ 4 36.5	1.806	2.619	14.6	21.2

227973 2007 HJ_{48} 11 16.4 33.°55 2.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.37	+14 27.5	2.203	3.001	13.4	20.1
10 18	3 47.69	+13 38.4	2.121	3.003	10.5	19.9
10 28	3 41.99	+12 44.1	2.061	3.004	7.3	19.7
11 7	3 34.81	+11 47.8	2.028	3.005	3.9	19.5
11 17	3 26.90	+10 53.8	2.024	3.006	2.7	19.4
11 27	3 19.17	+10 6.5	2.050	3.008	5.4	19.6
12 7	3 12.44	+ 9 29.7	2.103	3.009	8.8	19.8
12 17	3 7.39	+ 9 5.9	2.181	3.011	11.9	20.0

520761 2014 RY_{68} 11 16.4 134.°13 4.°3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.89	+ 6 44.0	2.454	3.248	12.3	21.6
10 18	3 47.79	+ 5 58.7	2.378	3.253	9.8	21.5
10 28	3 41.90	+ 5 14.3	2.325	3.257	7.1	21.3
11 7	3 34.72	+ 4 34.3	2.298	3.262	4.9	21.2
11 17	3 26.91	+ 4 2.5	2.301	3.266	4.5	21.2
11 27	3 19.27	+ 3 42.1	2.332	3.270	6.4	21.3
12 7	3 12.53	+ 3 35.0	2.392	3.274	9.0	21.5
12 17	3 7.26	+ 3 41.7	2.476	3.278	11.5	21.7

477800 2011 CY_{80} 11 16.4 348.°42 4.°3/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.77	+28 33.9	1.276	2.080	21.0	20.9
10 18	3 52.51	+28 54.7	1.198	2.075	17.3	20.6
10 28	3 46.50	+28 57.9	1.138	2.071	12.8	20.3
11 7	3 37.46	+28 40.5	1.099	2.068	7.9	20.0
11 17	3 26.73	+28 2.0	1.083	2.065	4.3	19.8
11 27	3 16.18	+27 6.8	1.092	2.063	6.7	20.0
12 7	3 7.58	+26 3.8	1.125	2.062	11.5	20.2
12 17	3 2.18	+25 2.9	1.180	2.061	16.2	20.5

265395 2004 TM_4 11 16.4 33.°22 0.°3/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.50	+19 55.3	1.570	2.379	17.5	20.2
10 18	3 50.07	+19 39.6	1.514	2.400	13.7	20.0
10 28	3 43.90	+19 14.9	1.478	2.422	9.4	19.8
11 7	3 35.79	+18 43.2	1.466	2.445	4.6	19.6
11 17	3 26.85	+18 7.6	1.480	2.469	0.4	19.3
11 27	3 18.36	+17 32.9	1.522	2.493	5.1	19.7
12 7	3 11.44	+17 3.8	1.590	2.518	9.5	20.0
12 17	3 6.83	+16 44.1	1.683	2.544	13.2	20.3

404993 2000 GR_{132} 11 16.4 174.°83 3.°8/13.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 53.68	+ 7 11.7	2.975	3.755	10.7	23.0
10 18	3 48.82	+ 6 14.0	2.891	3.759	8.5	22.9
10 28	3 42.43	+ 5 16.0	2.833	3.762	6.2	22.7
11 7	3 34.93	+ 4 21.1	2.803	3.764	4.3	22.6
11 17	3 26.91	+ 3 32.7	2.803	3.765	4.0	22.6
11 27	3 19.02	+ 2 54.2	2.834	3.766	5.7	22.7
12 7	3 11.90	+ 2 27.9	2.895	3.766	8.0	22.9
12 17	3 6.04	+ 2 14.7	2.982	3.765	10.2	23.0

178498 1999 TJ_{124} 11 16.4 45.°54 3.°3/15.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.97	+14 13.6	1.170	2.001	20.9	19.4
10 18	3 53.59	+13 40.3	1.118	2.018	16.4	19.1
10 28	3 46.71	+13 1.6	1.085	2.035	11.3	18.9
11 7	3 37.29	+12 22.2	1.074	2.053	5.9	18.7
11 17	3 26.77	+11 47.5	1.087	2.071	3.4	18.6
11 27	3 16.85	+11 23.4	1.125	2.091	7.6	18.9
12 7	3 8.98	+11 14.0	1.188	2.110	12.6	19.2
12 17	3 4.07	+11 21.1	1.271	2.130	16.8	19.6

71194 1999 XH_{231} 11 16.4 307.°87 2.°1/15.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.54	+11 22.3	2.188	2.977	13.8	18.3
10 18	3 51.93	+11 35.2	2.094	2.969	10.9	18.1
10 28	3 45.05	+11 48.7	2.022	2.961	7.6	17.8
11 7	3 36.42	+12 4.3	1.977	2.953	4.1	17.6
11 17	3 26.82	+12 23.0	1.961	2.946	2.2	17.5
11 27	3 17.23	+12 46.4	1.975	2.938	5.1	17.6
12 7	3 8.63	+13 15.4	2.018	2.931	8.8	17.9
12 17	3 1.81	+13 50.9	2.087	2.923	12.1	18.1

11810 Preusker 11 16.4 148.°64 0.°9/15.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 53.06	+18 14.4	2.393	3.178	12.9	19.6
10 18	3 48.88	+17 47.3	2.308	3.182	10.1	19.4
10 28	3 42.74	+17 13.8	2.246	3.185	6.9	19.2
11 7	3 35.17	+16 35.8	2.210	3.189	3.4	19.0
11 17	3 26.90	+15 55.9	2.204	3.192	1.0	18.8
11 27	3 18.80	+15 17.6	2.228	3.195	4.2	19.0
12 7	3 11.67	+14 44.4	2.281	3.198	7.7	19.3
12 17	3 6.15	+14 19.4	2.361	3.201	10.7	19.5

500726 2012 XW_{47} 11 16.4 176.°99 16.°3/13.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 8.14	−16 32.9	1.307	2.071	22.6	20.8
10 18	4 2.24	−17 36.7	1.252	2.072	20.3	20.7
10 28	3 52.64	−18 14.4	1.213	2.072	18.1	20.5
11 7	3 40.27	−18 13.9	1.192	2.073	16.6	20.5
11 17	3 26.59	−17 27.2	1.193	2.073	16.5	20.4
11 27	3 13.41	−15 52.6	1.215	2.073	17.7	20.5
12 7	3 2.37	−13 36.8	1.259	2.072	19.8	20.7
12 17	2 54.50	−10 50.9	1.323	2.071	22.2	20.9

128054 Eranyavneh 11 16.4 68.°09 0.°8/15.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.91	+18 0.3	2.221	3.011	13.6	19.8
10 18	3 48.91	+17 41.4	2.141	3.018	10.7	19.6
10 28	3 42.83	+17 16.6	2.084	3.024	7.3	19.4
11 7	3 35.24	+16 47.5	2.053	3.031	3.6	19.2
11 17	3 26.90	+16 16.6	2.050	3.038	0.9	19.0
11 27	3 18.76	+15 47.1	2.078	3.045	4.4	19.3
12 7	3 11.66	+15 22.5	2.133	3.052	8.0	19.5
12 17	3 6.29	+15 5.7	2.215	3.060	11.1	19.7

147013 2002 PV_{169} 11 16.4 36.°42 2.°0/17.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.44	+22 22.9	1.187	2.005	21.5	19.4
10 18	3 55.17	+22 52.1	1.128	2.017	17.2	19.2
10 28	3 48.11	+23 10.2	1.086	2.029	12.1	18.9
11 7	3 38.13	+23 15.8	1.066	2.043	6.5	18.7
11 17	3 26.73	+23 8.9	1.070	2.057	2.0	18.5
11 27	3 15.78	+22 53.2	1.099	2.072	6.2	18.8
12 7	3 6.99	+22 34.9	1.153	2.088	11.5	19.1
12 17	3 1.44	+22 20.2	1.229	2.104	16.0	19.4

46468 6887 *P–L* 11 16.4 226.°88 0.°5/16.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.43	+21 13.7	2.045	2.829	14.8	20.0
10 18	3 51.27	+21 10.7	1.955	2.827	11.8	19.8
10 28	3 44.69	+20 59.6	1.888	2.824	8.2	19.6
11 7	3 36.26	+20 40.9	1.845	2.822	4.2	19.4
11 17	3 26.84	+20 16.0	1.831	2.819	0.5	19.1
11 27	3 17.54	+19 48.1	1.846	2.817	4.4	19.4
12 7	3 9.40	+19 21.1	1.889	2.814	8.5	19.6
12 17	3 3.23	+18 59.2	1.958	2.811	12.0	19.8

509199 2006 RD_{71} 11 16.4 5.°20 2.°2/17.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 51.44	+22 54.3	1.003	1.844	22.9	20.7
10 18	3 50.40	+23 18.7	0.941	1.843	18.4	20.4
10 28	3 45.30	+23 29.5	0.894	1.844	13.1	20.2
11 7	3 36.94	+23 25.5	0.867	1.846	7.1	19.8
11 17	3 26.80	+23 7.4	0.862	1.850	2.3	19.6
11 27	3 16.97	+22 40.0	0.880	1.855	6.8	19.9
12 7	3 9.37	+22 11.0	0.920	1.862	12.6	20.2
12 17	3 5.24	+21 48.1	0.980	1.871	17.8	20.5

431778 2008 KR_1 11 16.4 144.°42 2.°8/14.8 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.59	+13 34.5	1.966	2.757	15.1	22.8
10 18	3 53.51	+12 54.0	1.891	2.768	11.9	22.6
10 28	3 46.04	+12 9.2	1.839	2.779	8.2	22.4
11 7	3 36.84	+11 23.4	1.813	2.789	4.4	22.2
11 17	3 26.83	+10 40.6	1.816	2.798	2.9	22.1
11 27	3 17.11	+10 5.3	1.849	2.807	6.0	22.3
12 7	3 8.67	+ 9 41.0	1.910	2.815	9.6	22.6
12 17	3 2.26	+ 9 30.0	1.996	2.822	12.9	22.8

267905 2004 BJ_{137} 11 16.4 22.°89 5.°0/18.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.07	+28 57.4	1.092	1.908	23.0	20.0
10 18	3 53.08	+29 30.1	1.033	1.916	18.9	19.7
10 28	3 46.99	+29 43.3	0.990	1.925	14.0	19.5
11 7	3 37.69	+29 33.5	0.967	1.935	8.8	19.3
11 17	3 26.77	+29 0.1	0.966	1.947	5.1	19.1
11 27	3 16.34	+28 8.3	0.989	1.960	7.2	19.3
12 7	3 8.25	+27 8.3	1.035	1.973	12.0	19.6
12 17	3 3.67	+26 10.4	1.102	1.988	16.6	19.9

149069 2002 CD_{72} 11 16.4 87.°43 0.°2/16.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.40	+20 21.1	2.129	2.914	14.2	20.6
10 18	3 50.31	+20 15.7	2.043	2.915	11.3	20.4
10 28	3 43.93	+20 3.2	1.978	2.916	7.8	20.2
11 7	3 35.85	+19 44.1	1.940	2.917	3.9	19.9
11 17	3 26.89	+19 20.2	1.929	2.918	0.3	19.6
11 27	3 18.06	+18 54.5	1.949	2.919	4.3	20.0
12 7	3 10.34	+18 30.6	1.997	2.920	8.1	20.2
12 17	3 4.48	+18 12.2	2.070	2.921	11.5	20.4

195680 2002 OG_{29} 11 16.4 30.°50 4.°3/13.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 50.66	+ 8 17.7	2.302	3.103	12.8	20.6
10 18	3 47.01	+ 7 22.0	2.224	3.104	10.2	20.5
10 28	3 41.47	+ 6 25.4	2.169	3.105	7.3	20.3
11 7	3 34.56	+ 5 32.2	2.140	3.107	4.9	20.1
11 17	3 26.98	+ 4 46.6	2.140	3.108	4.5	20.1
11 27	3 19.55	+ 4 12.7	2.169	3.110	6.6	20.2
12 7	3 13.06	+ 3 53.2	2.225	3.111	9.4	20.4
12 17	3 8.12	+ 3 49.0	2.306	3.113	12.1	20.6

211529 2003 QU_{96} 11 16.4 355.°23 7.°2/13.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 45.96	+ 8 17.9	1.110	1.966	20.1	19.3
10 18	3 45.31	+ 7 6.6	1.046	1.957	16.1	19.0
10 28	3 41.36	+ 5 53.1	0.999	1.951	11.8	18.8
11 7	3 34.84	+ 4 46.2	0.974	1.946	8.1	18.6
11 17	3 26.95	+ 3 55.5	0.971	1.943	7.6	18.5
11 27	3 19.29	+ 3 29.1	0.991	1.942	10.9	18.7
12 7	3 13.34	+ 3 30.8	1.032	1.943	15.2	19.0
12 17	3 10.12	+ 3 59.8	1.092	1.946	19.3	19.2

75363 1999 XK_{74} 11 16.4 52.°38 4.°0/14.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.94	+ 9 4.1	1.678	2.485	16.6	19.0
10 18	3 52.67	+ 8 48.0	1.608	2.492	13.2	18.8
10 28	3 45.72	+ 8 32.8	1.559	2.499	9.3	18.6
11 7	3 36.78	+ 8 22.1	1.534	2.507	5.5	18.4
11 17	3 26.85	+ 8 19.2	1.536	2.514	4.2	18.3
11 27	3 17.19	+ 8 27.0	1.566	2.522	7.0	18.5
12 7	3 8.94	+ 8 47.1	1.622	2.530	10.9	18.7
12 17	3 2.92	+ 9 19.7	1.703	2.538	14.4	19.0

99241 2001 KV_{51} 11 16.4 286.°63 1.°6/15.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.35	+13 27.8	2.296	3.084	13.3	19.3
10 18	3 50.89	+13 34.1	2.202	3.077	10.5	19.1
10 28	3 44.28	+13 39.0	2.131	3.070	7.3	18.9
11 7	3 36.05	+13 43.9	2.086	3.064	3.7	18.7
11 17	3 26.91	+13 50.0	2.071	3.057	1.7	18.5
11 27	3 17.80	+13 59.2	2.085	3.050	4.7	18.7
12 7	3 9.63	+14 13.3	2.129	3.043	8.3	18.9
12 17	3 3.16	+14 33.5	2.198	3.036	11.5	19.1

415249 2012 JV_{44} 11 16.4 319.°61 1.°1/15.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.13	+15 29.1	2.245	3.035	13.5	21.1
10 18	3 49.98	+15 32.1	2.154	3.031	10.6	20.9
10 28	3 43.68	+15 32.3	2.086	3.026	7.3	20.7
11 7	3 35.74	+15 30.5	2.044	3.022	3.7	20.5
11 17	3 26.93	+15 28.4	2.030	3.018	1.2	20.3
11 27	3 18.17	+15 28.0	2.047	3.014	4.5	20.5
12 7	3 10.40	+15 31.6	2.092	3.010	8.2	20.8
12 17	3 4.34	+15 41.0	2.163	3.006	11.4	21.0

21082 Araimasaru 11 16.4 0.°67 1.°2/16.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 47.45	+18 1.4	0.939	1.798	22.6	17.1
10 18	3 47.39	+18 54.3	0.877	1.792	18.1	16.8
10 28	3 43.36	+19 42.8	0.832	1.788	12.7	16.5
11 7	3 36.06	+20 25.6	0.806	1.788	6.6	16.2
11 17	3 26.90	+21 1.5	0.802	1.790	1.2	15.9
11 27	3 17.92	+21 31.2	0.819	1.795	6.9	16.2
12 7	3 11.06	+21 58.0	0.858	1.803	12.9	16.6
12 17	3 7.66	+22 25.6	0.916	1.813	18.0	16.9

285414 1999 VK_{39} 11 16.4 348.°82 1.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.78	+16 7.2	1.317	2.145	19.1	19.9
10 18	3 50.50	+16 16.9	1.239	2.136	15.3	19.7
10 28	3 44.91	+16 22.3	1.179	2.129	10.6	19.4
11 7	3 36.65	+16 24.5	1.142	2.122	5.3	19.1
11 17	3 26.87	+16 25.5	1.129	2.117	1.2	18.8
11 27	3 17.16	+16 28.5	1.141	2.113	6.4	19.1
12 7	3 9.08	+16 37.1	1.178	2.110	11.7	19.4
12 17	3 3.77	+16 54.1	1.237	2.108	16.3	19.7

78082 2002 LS_{21} 11 16.4 72.°29 3.°6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.20	+31 47.3	1.774	2.534	17.6	18.7
10 18	3 53.73	+31 31.6	1.706	2.555	14.4	18.5
10 28	3 46.41	+30 57.6	1.658	2.575	10.6	18.3
11 7	3 37.07	+30 4.4	1.633	2.595	6.6	18.1
11 17	3 26.87	+28 54.2	1.636	2.615	3.7	18.0
11 27	3 17.19	+27 32.5	1.667	2.635	5.2	18.1
12 7	3 9.19	+26 7.3	1.726	2.655	8.8	18.4
12 17	3 3.63	+24 46.7	1.811	2.675	12.3	18.7

195329 2002 EN_{128} 11 16.4 102.°79 1.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.15	+16 3.8	1.732	2.534	16.4	20.2
10 18	3 52.10	+15 39.3	1.654	2.538	12.9	20.0
10 28	3 45.37	+15 8.8	1.598	2.542	8.9	19.7
11 7	3 36.64	+14 34.7	1.567	2.545	4.5	19.5
11 17	3 26.90	+14 0.6	1.563	2.549	1.9	19.3
11 27	3 17.39	+13 30.9	1.587	2.553	5.8	19.6
12 7	3 9.26	+13 9.7	1.639	2.557	10.0	19.9
12 17	3 3.35	+13 0.0	1.714	2.560	13.8	20.1

397319 2006 SO_{396} 11 16.4 114.°98 0.°7/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.37	+21 16.0	2.101	2.879	14.6	21.8
10 18	3 52.61	+21 19.6	2.022	2.890	11.6	21.6
10 28	3 45.49	+21 15.8	1.965	2.900	8.1	21.4
11 7	3 36.63	+21 4.7	1.934	2.910	4.1	21.2
11 17	3 26.91	+20 47.6	1.932	2.920	0.7	21.0
11 27	3 17.40	+20 27.0	1.959	2.930	4.3	21.3
12 7	3 9.11	+20 6.7	2.015	2.939	8.1	21.5
12 17	3 2.78	+19 50.3	2.098	2.948	11.4	21.8

404621 2014 GS_{41} 11 16.4 263.°71 0.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.43	+21 14.4	1.843	2.634	15.9	21.6
10 18	3 51.64	+20 58.0	1.749	2.625	12.7	21.4
10 28	3 45.17	+20 31.5	1.676	2.615	8.9	21.1
11 7	3 36.61	+19 56.0	1.628	2.606	4.5	20.8
11 17	3 26.90	+19 13.5	1.607	2.596	0.3	20.5
11 27	3 17.25	+18 28.6	1.615	2.586	5.0	20.8
12 7	3 8.87	+17 46.6	1.651	2.576	9.4	21.1
12 17	3 2.66	+17 12.4	1.711	2.565	13.4	21.3

517120 2013 GA_{126} 11 16.4 123.°09 1.°2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.51	+14 37.0	2.429	3.210	12.8	21.7
10 18	3 51.52	+14 40.0	2.349	3.220	10.1	21.5
10 28	3 44.54	+14 40.7	2.291	3.229	6.9	21.4
11 7	3 36.11	+14 40.1	2.261	3.238	3.5	21.2
11 17	3 26.95	+14 39.8	2.261	3.247	1.3	21.0
11 27	3 17.96	+14 41.4	2.291	3.256	4.3	21.2
12 7	3 9.95	+14 47.0	2.350	3.264	7.6	21.5
12 17	3 3.59	+14 58.0	2.437	3.272	10.6	21.7

97494 2000 CW_{81} 11 16.4 225.°64 2.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.10	+12 18.2	2.813	3.598	11.2	19.7
10 18	3 47.88	+11 49.8	2.716	3.589	8.8	19.5
10 28	3 41.98	+11 19.0	2.642	3.580	6.1	19.4
11 7	3 34.84	+10 48.1	2.596	3.571	3.4	19.2
11 17	3 27.04	+10 19.6	2.580	3.561	2.4	19.1
11 27	3 19.29	+ 9 56.3	2.595	3.551	4.6	19.2
12 7	3 12.29	+ 9 40.5	2.639	3.540	7.5	19.4
12 17	3 6.60	+ 9 34.0	2.709	3.529	10.1	19.6

486987 2014 NN_{45} 11 16.4 16.°61 3.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.51	+13 52.8	1.965	2.770	14.6	20.7
10 18	3 48.07	+12 49.0	1.886	2.772	11.5	20.5
10 28	3 42.41	+11 39.1	1.829	2.773	7.9	20.3
11 7	3 35.11	+10 27.6	1.799	2.775	4.5	20.1
11 17	3 27.02	+ 9 19.7	1.797	2.776	3.4	20.0
11 27	3 19.14	+ 8 21.3	1.823	2.778	6.3	20.2
12 7	3 12.39	+ 7 36.7	1.877	2.781	9.9	20.4
12 17	3 7.47	+ 7 8.6	1.955	2.783	13.1	20.6

229414 2005 SS_{264} 11 16.4 321.°05 3.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.77	+14 28.9	1.308	2.140	19.0	20.7
10 18	3 49.78	+13 50.6	1.221	2.121	15.2	20.4
10 28	3 44.49	+13 4.4	1.153	2.104	10.6	20.1
11 7	3 36.51	+12 14.4	1.107	2.086	5.7	19.8
11 17	3 26.93	+11 26.4	1.086	2.070	3.6	19.6
11 27	3 17.31	+10 47.7	1.089	2.054	7.9	19.8
12 7	3 9.25	+10 24.4	1.117	2.039	13.1	20.1
12 17	3 3.92	+10 20.2	1.165	2.025	17.9	20.3

50022 2000 AX_{36} 11 16.4 66.°61 0.°4/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.72	+20 39.0	1.759	2.553	16.5	19.2
10 18	3 52.58	+20 39.5	1.684	2.560	13.1	19.0
10 28	3 45.73	+20 31.7	1.629	2.568	9.1	18.8
11 7	3 36.84	+20 16.1	1.598	2.576	4.6	18.6
11 17	3 26.92	+19 54.4	1.595	2.584	0.4	18.3
11 27	3 17.25	+19 30.0	1.621	2.592	4.9	18.6
12 7	3 9.00	+19 7.4	1.674	2.600	9.2	18.9
12 17	3 3.01	+18 50.6	1.751	2.608	13.0	19.2

314468 2005 WF_{67} 11 16.4 247.°62 0.°9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.79	+17 17.0	2.272	3.060	13.4	21.3
10 18	3 49.70	+17 2.9	2.179	3.054	10.6	21.1
10 28	3 43.49	+16 43.5	2.108	3.048	7.3	20.9
11 7	3 35.67	+16 20.1	2.063	3.042	3.6	20.6
11 17	3 26.99	+15 55.0	2.048	3.035	1.0	20.4
11 27	3 18.39	+15 31.2	2.062	3.029	4.5	20.7
12 7	3 10.76	+15 12.0	2.104	3.022	8.1	20.9
12 17	3 4.83	+15 0.1	2.173	3.016	11.4	21.1

510077 2010 JF_{176} 11 16.4 163.°28 4.°7/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.19	+ 4 29.7	2.445	3.225	12.7	22.2
10 18	3 51.94	+ 3 57.8	2.366	3.232	10.2	22.1
10 28	3 44.76	+ 3 28.7	2.312	3.238	7.5	21.9
11 7	3 36.20	+ 3 5.8	2.284	3.243	5.3	21.8
11 17	3 26.97	+ 2 52.4	2.286	3.247	4.8	21.8
11 27	3 17.91	+ 2 51.0	2.317	3.251	6.7	21.9
12 7	3 9.82	+ 3 2.8	2.377	3.254	9.3	22.1
12 17	3 3.32	+ 3 27.7	2.463	3.256	11.8	22.2

265303 2004 HT_{7} 11 16.4 258.°66 1.°9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.95	+16 28.9	1.716	2.517	16.5	21.5
10 18	3 53.07	+16 0.0	1.619	2.501	13.2	21.2
10 28	3 46.32	+15 23.4	1.542	2.486	9.2	20.9
11 7	3 37.28	+14 41.5	1.491	2.469	4.7	20.6
11 17	3 26.91	+13 57.9	1.466	2.453	2.0	20.4
11 27	3 16.52	+13 17.9	1.470	2.436	6.2	20.6
12 7	3 7.41	+12 46.6	1.501	2.418	10.8	20.9
12 17	3 0.61	+12 28.2	1.555	2.401	15.0	21.1

165581 2001 ER_{14} 11 16.4 293.°79 8.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.34	− 0 58.4	1.739	2.543	16.2	19.2
10 18	3 50.69	− 2 2.4	1.659	2.531	13.5	19.0
10 28	3 44.47	− 3 0.1	1.600	2.519	10.8	18.8
11 7	3 36.27	− 3 44.3	1.565	2.506	8.9	18.7
11 17	3 26.98	− 4 8.3	1.555	2.495	9.0	18.6
11 27	3 17.79	− 4 7.4	1.571	2.483	10.9	18.7
12 7	3 9.80	− 3 40.4	1.610	2.471	13.8	18.9
12 17	3 3.90	− 2 49.4	1.672	2.460	16.7	19.1

354244 2002 PT_{33} 11 16.4 78.°32 5.°3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.49	+33 8.6	1.847	2.597	17.3	21.1
10 18	3 55.01	+33 41.0	1.772	2.609	14.4	20.9
10 28	3 47.52	+33 57.4	1.716	2.622	11.1	20.8
11 7	3 37.78	+33 54.6	1.684	2.634	7.7	20.6
11 17	3 26.90	+33 31.5	1.678	2.646	5.4	20.5
11 27	3 16.31	+32 50.6	1.700	2.659	6.2	20.6
12 7	3 7.34	+31 58.0	1.749	2.671	9.2	20.8
12 17	3 0.89	+31 1.2	1.823	2.683	12.4	21.0

287986 2003 UD_{174} 11 16.4 32.°00 0.°6/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.76	+22 9.3	1.582	2.384	17.7	20.6
10 18	3 51.37	+21 55.7	1.509	2.390	14.1	20.4
10 28	3 45.06	+21 30.6	1.455	2.396	9.8	20.1
11 7	3 36.56	+20 55.1	1.424	2.402	5.0	19.9
11 17	3 26.97	+20 11.9	1.420	2.409	0.6	19.6
11 27	3 17.66	+19 26.0	1.444	2.416	5.2	19.9
12 7	3 9.90	+18 43.3	1.494	2.423	9.8	20.2
12 17	3 4.58	+18 9.3	1.568	2.431	13.9	20.5

46805 1998 KX_{34} 11 16.4 155.°84 2.°2/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.58	+17 6.6	1.680	2.480	16.9	19.5
10 18	3 53.28	+16 15.9	1.602	2.485	13.3	19.3
10 28	3 46.21	+15 16.2	1.546	2.489	9.1	19.0
11 7	3 37.08	+14 10.9	1.514	2.493	4.6	18.8
11 17	3 26.94	+13 5.3	1.511	2.496	2.3	18.6
11 27	3 17.09	+12 5.6	1.536	2.499	6.2	18.9
12 7	3 8.71	+11 17.8	1.588	2.502	10.6	19.2
12 17	3 2.65	+10 45.7	1.664	2.504	14.4	19.4

248538 2005 WU_{185} 11 16.4 301.°37 0.°6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.44	+21 56.8	1.539	2.346	17.8	20.3
10 18	3 50.62	+21 8.9	1.448	2.333	14.3	20.1
10 28	3 44.77	+20 5.4	1.376	2.320	9.9	19.8
11 7	3 36.53	+18 48.5	1.328	2.307	4.9	19.4
11 17	3 26.98	+17 23.1	1.306	2.295	0.7	19.1
11 27	3 17.53	+15 57.0	1.312	2.283	5.9	19.5
12 7	3 9.55	+14 39.0	1.345	2.271	11.0	19.7
12 17	3 4.07	+13 36.2	1.400	2.259	15.5	20.0

14588 Pharrams 11 16.4 15.°18 3.°3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.51	+16 5.6	1.250	2.082	19.7	18.2
10 18	3 50.14	+15 5.0	1.184	2.085	15.6	17.9
10 28	3 44.49	+13 54.1	1.137	2.088	10.7	17.7
11 7	3 36.36	+12 38.4	1.113	2.092	5.6	17.4
11 17	3 27.00	+11 25.5	1.113	2.097	3.6	17.3
11 27	3 18.01	+10 24.0	1.139	2.103	7.8	17.5
12 7	3 10.79	+ 9 40.6	1.188	2.109	12.7	17.8
12 17	3 6.32	+ 9 18.8	1.259	2.116	17.1	18.1

265246 2004 EB_{37} 11 16.4 201.°12 1.°3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.32	+17 28.2	1.949	2.737	15.3	21.6
10 18	3 53.63	+17 2.6	1.858	2.733	12.1	21.4
10 28	3 46.39	+16 29.9	1.790	2.729	8.4	21.1
11 7	3 37.19	+15 51.9	1.747	2.725	4.2	20.9
11 17	3 26.96	+15 11.6	1.732	2.719	1.4	20.7
11 27	3 16.84	+14 33.5	1.747	2.713	5.3	20.9
12 7	3 7.96	+14 1.8	1.791	2.707	9.4	21.2
12 17	3 1.16	+13 40.4	1.859	2.699	13.1	21.4

222067 1999 AJ_{10} 11 16.5 298.°31 2.°2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.61	+21 53.7	2.290	3.052	14.0	19.0
10 18	3 56.40	+22 52.4	2.170	3.026	11.4	18.8
10 28	3 48.55	+23 48.6	2.073	2.999	8.3	18.5
11 7	3 38.46	+24 40.2	2.002	2.973	4.7	18.3
11 17	3 26.88	+25 24.7	1.962	2.946	2.2	18.1
11 27	3 14.92	+26 1.0	1.952	2.920	4.7	18.2
12 7	3 3.80	+26 30.1	1.973	2.893	8.4	18.4
12 17	2 54.56	+26 54.4	2.021	2.867	12.0	18.5

490520 2009 UA_{123} 11 16.5 348.°99 3.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.42	+11 48.8	1.764	2.580	15.5	20.4
10 18	3 47.60	+11 14.0	1.683	2.574	12.3	20.2
10 28	3 42.34	+10 36.2	1.623	2.568	8.6	20.0
11 7	3 35.21	+ 9 59.2	1.587	2.563	4.9	19.8
11 17	3 27.09	+ 9 27.4	1.578	2.558	3.7	19.7
11 27	3 19.09	+ 9 5.3	1.596	2.555	6.7	19.9
12 7	3 12.28	+ 8 56.1	1.641	2.552	10.5	20.1
12 17	3 7.46	+ 9 1.6	1.709	2.550	14.0	20.3

75158 1999 VU_{111} 11 16.5 264.°09 2.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.38	+12 8.7	1.849	2.643	15.8	19.3
10 18	3 54.63	+12 20.6	1.761	2.639	12.5	19.1
10 28	3 47.19	+12 32.7	1.695	2.635	8.7	18.8
11 7	3 37.65	+12 46.2	1.654	2.631	4.6	18.6
11 17	3 26.95	+13 2.5	1.641	2.627	2.2	18.4
11 27	3 16.31	+13 23.3	1.658	2.623	5.7	18.6
12 7	3 6.91	+13 50.0	1.703	2.619	9.9	18.9
12 17	2 59.68	+14 23.8	1.773	2.614	13.6	19.1

381049 2006 WE_3 11 16.5 301.°93 0.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 6.86	+13 10.9	1.414	2.212	19.6	21.6
10 18	4 2.35	+14 20.0	1.303	2.182	16.0	21.2
10 28	3 53.84	+15 37.5	1.211	2.152	11.4	20.9
11 7	3 41.62	+17 2.5	1.144	2.122	5.8	20.5
11 17	3 26.69	+18 31.7	1.103	2.092	0.4	20.0
11 27	3 10.85	+20 1.0	1.092	2.062	6.8	20.4
12 7	2 56.26	+21 27.7	1.107	2.033	12.9	20.6
12 17	2 44.76	+22 51.5	1.147	2.004	18.4	20.9

65963 1998 HC_5 11 16.5 60.°72 2.°0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.36	+25 30.2	1.585	2.375	18.2	19.4
10 18	3 53.41	+25 27.6	1.517	2.389	14.6	19.2
10 28	3 46.43	+25 11.5	1.469	2.403	10.3	19.0
11 7	3 37.24	+24 41.4	1.444	2.417	5.7	18.8
11 17	3 26.99	+23 59.3	1.446	2.432	2.1	18.6
11 27	3 17.14	+23 9.8	1.475	2.447	5.1	18.8
12 7	3 8.98	+22 19.7	1.531	2.462	9.5	19.1
12 17	3 3.37	+21 35.3	1.612	2.477	13.5	19.4

384409 2009 WK_{93} 11 16.5 38.°21 5.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.81	+ 8 28.5	1.296	2.122	19.5	20.1
10 18	3 53.26	+ 7 57.4	1.237	2.132	15.5	19.9
10 28	3 46.48	+ 7 27.6	1.198	2.142	11.1	19.6
11 7	3 37.31	+ 7 4.4	1.180	2.153	6.8	19.4
11 17	3 27.01	+ 6 52.9	1.188	2.165	5.5	19.4
11 27	3 17.11	+ 6 57.1	1.221	2.177	8.7	19.6
12 7	3 9.02	+ 7 18.8	1.278	2.189	12.9	19.9
12 17	3 3.65	+ 7 57.2	1.357	2.202	16.8	20.2

373353 2012 KJ_7 11 16.5 181.°73 5.°8/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.29	− 2 1.9	3.075	3.850	10.5	22.0
10 18	3 46.99	− 2 57.0	2.999	3.850	8.7	21.9
10 28	3 41.24	− 3 47.3	2.947	3.851	7.0	21.8
11 7	3 34.46	− 4 28.8	2.922	3.850	5.9	21.7
11 17	3 27.17	− 4 58.2	2.925	3.850	6.0	21.7
11 27	3 20.00	− 5 12.9	2.957	3.849	7.2	21.8
12 7	3 13.52	− 5 11.9	3.017	3.847	8.9	21.9
12 17	3 8.21	− 4 55.6	3.100	3.845	10.7	22.1

290067 2005 QS_{69} 11 16.5 100.°32 0.°5/16.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.55	+22 16.2	1.709	2.492	17.3	21.4
10 18	3 56.24	+22 0.4	1.645	2.515	13.7	21.2
10 28	3 48.11	+21 33.9	1.602	2.538	9.5	21.0
11 7	3 37.98	+20 57.6	1.584	2.560	4.8	20.7
11 17	3 26.99	+20 13.9	1.593	2.582	0.5	20.5
11 27	3 16.48	+19 27.9	1.632	2.603	4.9	20.9
12 7	3 7.64	+18 45.1	1.699	2.623	9.3	21.2
12 17	3 1.25	+18 10.4	1.791	2.643	13.0	21.4

142103 2002 QV_{74} 11 16.5 137.°44 1.°4/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.24	+23 48.7	1.764	2.542	17.0	21.6
10 18	3 56.20	+23 48.4	1.687	2.553	13.7	21.4
10 28	3 48.27	+23 37.0	1.630	2.563	9.6	21.1
11 7	3 38.16	+23 14.2	1.598	2.572	5.1	20.9
11 17	3 26.98	+22 41.1	1.594	2.581	1.4	20.7
11 27	3 16.09	+22 1.7	1.619	2.590	4.9	20.9
12 7	3 6.77	+21 21.7	1.672	2.598	9.3	21.2
12 17	2 59.89	+20 46.4	1.750	2.605	13.1	21.5

51783 2001 MO_{12} 11 16.5 207.°86 3.°6/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.82	+31 44.8	2.259	3.003	14.7	18.6
10 18	3 52.38	+31 42.2	2.162	3.000	12.1	18.4
10 28	3 45.49	+31 25.1	2.085	2.996	9.1	18.2
11 7	3 36.76	+30 51.9	2.034	2.992	5.9	18.0
11 17	3 27.06	+30 2.9	2.011	2.987	3.7	17.8
11 27	3 17.50	+29 1.4	2.017	2.982	4.8	17.9
12 7	3 9.15	+27 52.9	2.052	2.977	7.9	18.1
12 17	3 2.81	+26 43.8	2.115	2.972	11.1	18.3

460791 2014 WH_{35} 11 16.5 56.°38 2.°0/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.82	+27 41.6	2.332	3.096	13.8	21.2
10 18	3 48.94	+27 25.4	2.248	3.103	11.1	21.0
10 28	3 42.94	+26 57.0	2.185	3.110	8.0	20.8
11 7	3 35.41	+26 16.8	2.148	3.117	4.6	20.6
11 17	3 27.14	+25 26.2	2.140	3.124	2.1	20.5
11 27	3 19.09	+24 29.1	2.161	3.131	3.9	20.6
12 7	3 12.13	+23 30.2	2.211	3.139	7.2	20.8
12 17	3 6.92	+22 34.6	2.288	3.146	10.3	21.0

112215 2002 JR_{139} 11 16.5 142.°88 1.°8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.10	+24 3.8	1.539	2.329	18.6	20.6
10 18	3 55.87	+24 9.2	1.460	2.333	15.0	20.4
10 28	3 48.37	+24 2.4	1.401	2.336	10.6	20.1
11 7	3 38.34	+23 42.6	1.365	2.340	5.8	19.9
11 17	3 26.99	+23 10.8	1.356	2.343	1.8	19.6
11 27	3 15.87	+22 31.1	1.374	2.346	5.5	19.9
12 7	3 6.46	+21 49.8	1.419	2.349	10.3	20.2
12 17	2 59.80	+21 13.6	1.488	2.351	14.5	20.4

358772 2008 DJ_{28} 11 16.5 162.°07 1.°5/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.18	+24 19.5	2.125	2.898	14.7	21.8
10 18	3 51.84	+24 20.9	2.038	2.900	11.8	21.6
10 28	3 45.11	+24 12.6	1.971	2.902	8.3	21.4
11 7	3 36.57	+23 54.4	1.931	2.904	4.6	21.1
11 17	3 27.10	+23 27.1	1.918	2.905	1.5	20.9
11 27	3 17.77	+22 53.8	1.935	2.906	4.3	21.1
12 7	3 9.61	+22 18.7	1.981	2.907	8.0	21.4
12 17	3 3.41	+21 46.5	2.053	2.908	11.4	21.6

13545 1992 DZ_5 11 16.5 325.°63 2.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.45	+14 47.5	1.457	2.282	17.8	18.6
10 18	3 49.21	+14 17.2	1.367	2.264	14.2	18.4
10 28	3 43.95	+13 40.1	1.297	2.246	9.9	18.1
11 7	3 36.25	+12 59.5	1.250	2.229	5.2	17.8
11 17	3 27.11	+12 20.3	1.228	2.213	3.0	17.6
11 27	3 17.95	+11 48.3	1.232	2.198	7.1	17.8
12 7	3 10.18	+11 28.8	1.261	2.183	12.0	18.0
12 17	3 4.88	+11 25.1	1.312	2.170	16.4	18.3

289367 2005 CA_4 11 16.5 258.°28 2.°2/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.96	+14 6.6	1.955	2.751	15.0	20.9
10 18	3 51.86	+13 46.3	1.859	2.739	11.9	20.7
10 28	3 45.27	+13 22.0	1.785	2.726	8.3	20.4
11 7	3 36.73	+12 55.9	1.736	2.713	4.3	20.2
11 17	3 27.09	+12 31.1	1.715	2.700	2.4	20.0
11 27	3 17.46	+12 11.3	1.724	2.687	5.7	20.2
12 7	3 8.94	+12 0.0	1.760	2.673	9.8	20.4
12 17	3 2.40	+11 59.6	1.821	2.660	13.4	20.6

472649 2015 DN_{213} 11 16.5 83.°35 5.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.50	+ 7 29.4	1.553	2.366	17.4	20.8
10 18	3 52.50	+ 6 32.6	1.488	2.375	13.9	20.6
10 28	3 45.72	+ 5 36.2	1.444	2.383	10.1	20.4
11 7	3 36.89	+ 4 46.2	1.424	2.391	6.7	20.3
11 17	3 27.09	+ 4 8.7	1.430	2.399	6.1	20.3
11 27	3 17.63	+ 3 48.7	1.463	2.408	8.7	20.4
12 7	3 9.67	+ 3 48.6	1.521	2.416	12.4	20.7
12 17	3 4.05	+ 4 8.2	1.602	2.424	15.8	20.9

513310 2007 DJ_{33} 11 16.5 266.°37 4.°6/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.59	+10 23.6	1.668	2.478	16.5	21.8
10 18	3 51.95	+ 9 32.5	1.579	2.465	13.2	21.5
10 28	3 45.53	+ 8 37.7	1.511	2.452	9.4	21.3
11 7	3 36.92	+ 7 44.2	1.467	2.439	5.8	21.0
11 17	3 27.09	+ 6 57.6	1.450	2.425	4.9	20.9
11 27	3 17.30	+ 6 23.8	1.460	2.412	8.0	21.1
12 7	3 8.80	+ 6 7.2	1.496	2.398	12.0	21.3
12 17	3 2.54	+ 6 9.6	1.555	2.384	15.8	21.5

490605 2009 WK_{182} 11 16.5 18.°15 0.°3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.03	+17 28.3	2.109	2.898	14.2	21.0
10 18	3 50.86	+17 40.5	2.025	2.901	11.3	20.8
10 28	3 44.41	+17 48.7	1.964	2.903	7.8	20.6
11 7	3 36.23	+17 53.4	1.928	2.906	3.9	20.4
11 17	3 27.14	+17 55.6	1.921	2.909	0.4	20.1
11 27	3 18.17	+17 57.1	1.943	2.913	4.4	20.5
12 7	3 10.29	+18 0.5	1.993	2.916	8.2	20.7
12 17	3 4.26	+18 7.9	2.070	2.920	11.6	20.9

47288 1999 VQ_{178} 11 16.5 275.°75 4.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.72	+10 7.6	1.496	2.310	18.0	19.0
10 18	3 53.90	+ 9 40.6	1.416	2.304	14.4	18.8
10 28	3 47.00	+ 9 12.6	1.355	2.298	10.2	18.5
11 7	3 37.69	+ 8 47.6	1.318	2.293	6.0	18.3
11 17	3 27.06	+ 8 30.3	1.308	2.287	4.5	18.2
11 27	3 16.54	+ 8 25.2	1.324	2.281	7.9	18.4
12 7	3 7.52	+ 8 35.1	1.365	2.276	12.3	18.6
12 17	3 1.04	+ 9 0.9	1.429	2.270	16.3	18.8

395196 2010 GG_{108} 11 16.5 230.°73 2.°5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.18	+25 12.1	2.113	2.876	15.0	21.4
10 18	3 55.28	+25 39.5	2.012	2.866	12.2	21.1
10 28	3 47.71	+25 58.3	1.931	2.856	8.9	20.9
11 7	3 38.00	+26 6.9	1.876	2.845	5.2	20.7
11 17	3 27.04	+26 4.4	1.850	2.834	2.5	20.5
11 27	3 16.02	+25 52.1	1.853	2.822	4.7	20.6
12 7	3 6.14	+25 33.5	1.886	2.810	8.5	20.8
12 17	2 58.37	+25 13.4	1.944	2.797	12.1	21.0

222048 1998 UG_{50} 11 16.5 73.°33 2.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 6.50	+22 25.3	1.474	2.259	19.5	20.4
10 18	4 0.75	+23 14.0	1.416	2.285	15.6	20.2
10 28	3 51.57	+23 54.0	1.379	2.311	11.0	20.0
11 7	3 39.84	+24 22.5	1.364	2.337	6.0	19.8
11 17	3 26.95	+24 38.1	1.377	2.363	2.4	19.6
11 27	3 14.59	+24 42.5	1.419	2.389	5.6	19.9
12 7	3 4.25	+24 40.3	1.487	2.414	10.1	20.2
12 17	2 56.90	+24 36.9	1.580	2.439	14.0	20.5

444626 2006 VV_{172} 11 16.5 66.°75 1.°1/15.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.57	+20 17.2	1.801	2.596	16.1	21.4
10 18	3 51.31	+19 18.5	1.740	2.619	12.6	21.2
10 28	3 44.61	+18 9.4	1.700	2.642	8.6	21.0
11 7	3 36.22	+16 53.4	1.686	2.665	4.2	20.8
11 17	3 27.16	+15 35.6	1.700	2.688	1.3	20.7
11 27	3 18.55	+14 22.5	1.744	2.711	5.2	21.0
12 7	3 11.38	+13 19.8	1.815	2.733	9.2	21.3
12 17	3 6.32	+12 31.6	1.912	2.756	12.6	21.6

405418 2004 RX_{204} 11 16.5 21.°97 4.°7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.19	+32 20.4	2.035	2.786	15.9	20.6
10 18	3 52.26	+32 50.0	1.949	2.788	13.2	20.4
10 28	3 45.63	+33 5.7	1.883	2.791	10.1	20.3
11 7	3 36.93	+33 4.7	1.841	2.793	7.0	20.1
11 17	3 27.12	+32 46.0	1.826	2.796	4.8	20.0
11 27	3 17.45	+32 11.6	1.839	2.799	5.7	20.0
12 7	3 9.11	+31 26.4	1.879	2.803	8.6	20.2
12 17	3 2.99	+30 36.8	1.945	2.806	11.7	20.4

322969 2002 KE_{16} 11 16.5 120.°23 5.°7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.03	− 0 27.7	2.683	3.461	11.8	21.0
10 18	3 49.27	− 1 5.1	2.617	3.475	9.7	20.8
10 28	3 42.86	− 1 36.8	2.575	3.488	7.5	20.7
11 7	3 35.30	− 1 59.3	2.559	3.500	6.0	20.6
11 17	3 27.22	− 2 9.5	2.572	3.513	5.8	20.6
11 27	3 19.35	− 2 5.2	2.614	3.525	7.2	20.7
12 7	3 12.34	− 1 46.1	2.684	3.536	9.2	20.9
12 17	3 6.72	− 1 13.0	2.778	3.548	11.2	21.1

487509 2014 TC_{20} 11 16.5 251.°54 2.°1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.84	+25 28.0	2.616	3.373	12.6	21.6
10 18	3 51.29	+25 50.2	2.510	3.362	10.2	21.4
10 28	3 44.64	+26 5.0	2.428	3.350	7.4	21.2
11 7	3 36.36	+26 11.2	2.371	3.339	4.3	21.0
11 17	3 27.15	+26 8.5	2.344	3.327	2.1	20.8
11 27	3 17.91	+25 58.3	2.347	3.315	3.9	20.9
12 7	3 9.52	+25 43.1	2.380	3.303	7.0	21.1
12 17	3 2.75	+25 26.5	2.440	3.291	10.0	21.3

275437 2011 CO_{43} 11 16.5 66.°37 1.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.01	+16 56.3	1.443	2.256	18.5	21.5
10 18	3 53.32	+16 25.6	1.373	2.262	14.7	21.3
10 28	3 46.53	+15 46.8	1.323	2.269	10.1	21.0
11 7	3 37.39	+15 2.9	1.296	2.275	5.1	20.8
11 17	3 27.10	+14 18.4	1.295	2.282	2.0	20.6
11 27	3 17.13	+13 39.0	1.321	2.289	6.4	20.9
12 7	3 8.84	+13 10.2	1.373	2.295	11.2	21.2
12 17	3 3.16	+12 55.5	1.448	2.302	15.4	21.5

117641 2005 EQ_{137} 11 16.5 230.°38 1.°0/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.49	+22 9.2	2.151	2.925	14.5	20.5
10 18	3 52.96	+22 15.3	2.052	2.917	11.6	20.3
10 28	3 45.97	+22 13.5	1.975	2.908	8.2	20.1
11 7	3 37.08	+22 3.6	1.924	2.899	4.3	19.8
11 17	3 27.12	+21 46.4	1.901	2.889	1.0	19.6
11 27	3 17.17	+21 24.3	1.909	2.879	4.3	19.8
12 7	3 8.31	+21 1.0	1.945	2.869	8.3	20.0
12 17	3 1.40	+20 40.6	2.007	2.859	11.8	20.2

516174 2016 PY_{82} 11 16.5 336.°91 3.°0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.01	+12 34.0	1.302	2.128	19.4	20.8
10 18	3 53.10	+12 29.8	1.224	2.120	15.5	20.5
10 28	3 46.78	+12 23.9	1.165	2.113	10.9	20.2
11 7	3 37.72	+12 19.2	1.127	2.106	5.8	19.9
11 17	3 27.09	+12 19.0	1.115	2.100	3.1	19.8
11 27	3 16.53	+12 26.8	1.128	2.095	7.4	20.0
12 7	3 7.64	+12 45.5	1.166	2.090	12.5	20.3
12 17	3 1.60	+13 16.7	1.225	2.086	17.1	20.5

178783 2001 BY_2 11 16.5 352.°75 28.°3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 44.21	−29 46.9	0.886	1.681	28.8	18.0
10 18	3 44.97	−32 26.1	0.861	1.666	28.4	17.9
10 28	3 41.64	−34 17.0	0.847	1.654	28.3	17.9
11 7	3 35.21	−35 3.5	0.841	1.645	28.5	17.9
11 17	3 27.24	−34 35.2	0.846	1.639	29.0	17.9
11 27	3 19.72	−32 49.6	0.859	1.636	29.8	17.9
12 7	3 14.39	−29 54.0	0.882	1.636	30.6	18.0
12 17	3 12.28	−26 1.9	0.916	1.639	31.6	18.1

300571 2007 TH_{342} 11 16.5 338.°20 0.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.38	+19 57.2	1.734	2.536	16.3	20.5
10 18	3 50.09	+19 20.2	1.650	2.533	13.0	20.3
10 28	3 44.15	+18 32.5	1.587	2.530	8.9	20.0
11 7	3 36.19	+17 36.4	1.548	2.528	4.4	19.8
11 17	3 27.19	+16 36.0	1.537	2.525	1.0	19.5
11 27	3 18.37	+15 37.0	1.554	2.523	5.4	19.8
12 7	3 10.88	+14 45.4	1.598	2.521	9.8	20.1
12 17	3 5.57	+14 6.1	1.666	2.520	13.7	20.3

408435 2013 HR_{14} 11 16.5 114.°43 1.°1/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.38	+18 13.4	2.181	2.970	13.8	21.5
10 18	3 49.40	+17 39.3	2.098	2.974	10.9	21.4
10 28	3 43.30	+16 58.1	2.038	2.978	7.4	21.2
11 7	3 35.65	+16 11.9	2.004	2.982	3.7	20.9
11 17	3 27.23	+15 24.0	1.999	2.986	1.2	20.8
11 27	3 19.00	+14 38.5	2.023	2.990	4.6	21.0
12 7	3 11.85	+13 59.5	2.077	2.994	8.3	21.2
12 17	3 6.44	+13 30.3	2.156	2.997	11.5	21.5

102375 1999 TK_{145} 11 16.5 95.°22 3.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.81	+12 14.5	2.207	3.004	13.4	19.7
10 18	3 48.79	+11 21.1	2.134	3.014	10.6	19.5
10 28	3 42.78	+10 24.3	2.084	3.024	7.3	19.3
11 7	3 35.35	+ 9 28.0	2.060	3.034	4.3	19.2
11 17	3 27.26	+ 8 36.4	2.066	3.044	3.4	19.1
11 27	3 19.40	+ 7 53.8	2.101	3.053	5.8	19.3
12 7	3 12.58	+ 7 23.4	2.164	3.063	9.0	19.5
12 17	3 7.43	+ 7 7.0	2.252	3.073	11.8	19.7

352921 2008 YX_{159} 11 16.5 327.°95 3.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.77	+11 49.0	1.532	2.351	17.4	21.0
10 18	3 50.79	+11 26.3	1.447	2.340	13.8	20.7
10 28	3 44.89	+11 1.0	1.383	2.329	9.7	20.5
11 7	3 36.68	+10 36.9	1.342	2.319	5.5	20.2
11 17	3 27.17	+10 18.1	1.327	2.309	3.7	20.1
11 27	3 17.71	+10 9.0	1.339	2.300	7.2	20.3
12 7	3 9.63	+10 13.0	1.375	2.292	11.7	20.5
12 17	3 3.92	+10 31.6	1.435	2.284	15.8	20.7

454676 2014 QD_{402} 11 16.5 64.°62 3.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.47	+ 9 23.4	2.149	2.947	13.7	20.9
10 18	3 49.42	+ 8 53.0	2.072	2.951	10.9	20.7
10 28	3 43.30	+ 8 22.3	2.017	2.956	7.7	20.5
11 7	3 35.65	+ 7 54.6	1.989	2.960	4.7	20.4
11 17	3 27.25	+ 7 33.2	1.988	2.964	3.8	20.3
11 27	3 19.01	+ 7 21.4	2.017	2.968	6.1	20.5
12 7	3 11.81	+ 7 21.2	2.073	2.972	9.3	20.7
12 17	3 6.33	+ 7 33.6	2.154	2.977	12.2	20.9

12376 Cochabamba 11 16.5 191.°86 2.°9/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.50	+11 28.3	2.404	3.188	12.8	18.6
10 18	3 51.62	+10 53.5	2.314	3.187	10.2	18.4
10 28	3 44.73	+10 16.3	2.248	3.184	7.1	18.2
11 7	3 36.36	+ 9 39.6	2.208	3.181	4.1	18.0
11 17	3 27.21	+ 9 6.6	2.199	3.177	3.1	17.9
11 27	3 18.17	+ 8 40.7	2.219	3.173	5.5	18.1
12 7	3 10.09	+ 8 24.6	2.269	3.167	8.6	18.3
12 17	3 3.62	+ 8 20.1	2.345	3.162	11.6	18.5

101826 1999 JY_{23} 11 16.5 286.°70 2.°4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.63	+23 57.7	2.008	2.781	15.4	18.9
10 18	3 54.18	+24 36.1	1.913	2.774	12.5	18.7
10 28	3 47.02	+25 7.3	1.839	2.767	9.0	18.4
11 7	3 37.70	+25 29.6	1.790	2.760	5.2	18.2
11 17	3 27.13	+25 41.8	1.769	2.753	2.4	18.0
11 27	3 16.52	+25 44.6	1.777	2.747	4.8	18.2
12 7	3 7.07	+25 41.1	1.814	2.740	8.7	18.4
12 17	2 59.77	+25 35.4	1.876	2.733	12.3	18.6

305266 2007 YO_{33} 11 16.5 46.°96 2.°1/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.25	+13 48.7	1.846	2.646	15.6	20.4
10 18	3 52.09	+13 38.1	1.766	2.647	12.3	20.2
10 28	3 45.40	+13 24.6	1.707	2.649	8.5	20.0
11 7	3 36.80	+13 10.3	1.673	2.651	4.4	19.7
11 17	3 27.20	+12 57.9	1.667	2.653	2.2	19.6
11 27	3 17.75	+12 50.4	1.690	2.655	5.6	19.8
12 7	3 9.56	+12 50.6	1.740	2.656	9.7	20.1
12 17	3 3.45	+13 0.5	1.815	2.658	13.3	20.3

117318 2004 VO_{62} 11 16.5 30.°75 11.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.66	− 5 5.5	1.217	2.033	21.1	18.5
10 18	3 54.66	− 5 41.8	1.174	2.049	17.7	18.3
10 28	3 47.37	− 6 0.6	1.149	2.065	14.3	18.2
11 7	3 37.75	− 5 54.0	1.144	2.083	11.7	18.1
11 17	3 27.16	− 5 17.2	1.161	2.102	11.1	18.1
11 27	3 17.18	− 4 9.6	1.203	2.122	12.9	18.3
12 7	3 9.16	− 2 35.9	1.267	2.143	15.7	18.5
12 17	3 3.94	− 0 43.0	1.352	2.165	18.7	18.8

167782 2005 AF_{21} 11 16.5 89.°81 7.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.89	+38 36.1	1.949	2.664	17.6	20.2
10 18	3 58.51	+39 21.0	1.880	2.686	15.0	20.0
10 28	3 49.97	+39 47.4	1.830	2.708	12.0	19.9
11 7	3 39.08	+39 50.6	1.803	2.729	9.1	19.8
11 17	3 27.08	+39 28.5	1.802	2.750	7.2	19.7
11 27	3 15.49	+38 43.3	1.828	2.770	7.5	19.8
12 7	3 5.68	+37 41.5	1.881	2.791	9.5	19.9
12 17	2 58.58	+36 31.4	1.960	2.810	12.1	20.1

296794 2009 VS_{29} 11 16.5 337.°48 1.°9/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.90	+15 32.7	2.117	2.915	13.9	21.0
10 18	3 48.37	+14 58.3	2.031	2.912	11.0	20.8
10 28	3 42.68	+14 18.4	1.967	2.910	7.5	20.6
11 7	3 35.39	+13 35.7	1.929	2.907	3.9	20.4
11 17	3 27.28	+12 53.7	1.920	2.905	2.1	20.3
11 27	3 19.30	+12 16.4	1.940	2.903	5.2	20.5
12 7	3 12.35	+11 47.6	1.987	2.901	8.8	20.7
12 17	3 7.15	+11 30.1	2.060	2.899	12.1	20.9

164420 2006 BH_{97} 11 16.5 107.°62 1.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.61	+16 51.5	1.876	2.669	15.6	21.0
10 18	3 52.95	+16 21.4	1.806	2.684	12.3	20.8
10 28	3 45.83	+15 45.0	1.758	2.699	8.4	20.6
11 7	3 36.93	+15 4.6	1.735	2.713	4.2	20.3
11 17	3 27.21	+14 23.9	1.740	2.727	1.7	20.2
11 27	3 17.82	+13 47.1	1.775	2.741	5.3	20.5
12 7	3 9.78	+13 18.3	1.838	2.754	9.2	20.7
12 17	3 3.83	+13 0.6	1.925	2.767	12.7	21.0

406598 2008 CL_9 11 16.5 20.°14 4.°4/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.40	+ 9 42.3	1.747	2.559	15.8	20.9
10 18	3 49.89	+ 8 59.8	1.674	2.561	12.6	20.7
10 28	3 43.89	+ 8 16.0	1.622	2.564	8.9	20.5
11 7	3 36.04	+ 7 35.5	1.595	2.567	5.5	20.3
11 17	3 27.26	+ 7 2.9	1.595	2.571	4.6	20.3
11 27	3 18.71	+ 6 42.9	1.623	2.575	7.3	20.4
12 7	3 11.42	+ 6 38.1	1.676	2.579	10.9	20.7
12 17	3 6.18	+ 6 49.4	1.753	2.583	14.3	20.9

352314 2007 UR_{79} 11 16.5 228.°69 1.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.83	+21 3.5	1.945	2.726	15.6	21.5
10 18	3 54.27	+21 26.8	1.855	2.723	12.5	21.3
10 28	3 47.02	+21 43.9	1.786	2.721	8.8	21.0
11 7	3 37.68	+21 53.8	1.743	2.718	4.6	20.8
11 17	3 27.18	+21 56.6	1.727	2.715	1.1	20.5
11 27	3 16.71	+21 54.0	1.741	2.712	4.6	20.8
12 7	3 7.48	+21 49.2	1.784	2.709	8.8	21.0
12 17	3 0.41	+21 45.8	1.852	2.706	12.5	21.2

470954 2009 PQ_5 11 16.5 37.°19 2.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.08	+25 21.0	1.072	1.893	23.1	20.4
10 18	3 55.17	+25 39.8	1.025	1.913	18.5	20.2
10 28	3 48.24	+25 41.9	0.994	1.935	13.2	20.0
11 7	3 38.35	+25 26.1	0.983	1.958	7.4	19.8
11 17	3 27.17	+24 53.9	0.995	1.981	3.0	19.6
11 27	3 16.70	+24 11.3	1.032	2.006	6.4	19.9
12 7	3 8.65	+23 27.0	1.093	2.031	11.6	20.2
12 17	3 3.98	+22 48.9	1.175	2.057	16.2	20.6

449873 2015 MG_{66} 11 16.5 117.°87 8.°6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.35	− 3 0.8	1.944	2.732	15.3	21.0
10 18	3 51.75	− 4 11.5	1.885	2.743	12.8	20.8
10 28	3 44.90	− 5 13.8	1.848	2.754	10.4	20.7
11 7	3 36.45	− 6 1.0	1.836	2.765	8.8	20.6
11 17	3 27.27	− 6 27.6	1.850	2.775	8.8	20.6
11 27	3 18.40	− 6 30.3	1.890	2.785	10.4	20.8
12 7	3 10.75	− 6 8.9	1.955	2.795	12.7	20.9
12 17	3 5.00	− 5 25.8	2.043	2.804	15.0	21.1

44063 1998 FW_{50} 11 16.5 141.°59 2.°6/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.85	+25 41.7	1.769	2.538	17.3	19.4
10 18	3 57.65	+26 0.5	1.690	2.548	14.0	19.2
10 28	3 49.41	+26 8.0	1.631	2.558	10.1	19.0
11 7	3 38.87	+26 2.4	1.597	2.566	5.8	18.7
11 17	3 27.14	+25 43.6	1.590	2.575	2.6	18.5
11 27	3 15.66	+25 14.3	1.612	2.582	5.1	18.7
12 7	3 5.76	+24 40.0	1.663	2.589	9.3	19.0
12 17	2 58.42	+24 6.7	1.739	2.595	13.1	19.2

139583 2001 QK_{105} 11 16.5 15.°24 13.°0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.96	−11 20.7	1.754	2.542	16.7	19.3
10 18	3 47.91	−13 39.2	1.707	2.545	14.9	19.2
10 28	3 42.47	−15 43.1	1.681	2.547	13.5	19.1
11 7	3 35.32	−17 21.9	1.678	2.550	13.0	19.1
11 17	3 27.33	−18 27.4	1.697	2.554	13.6	19.2
11 27	3 19.60	−18 55.1	1.738	2.557	15.0	19.3
12 7	3 13.12	−18 45.7	1.798	2.562	16.7	19.4
12 17	3 8.59	−18 3.2	1.876	2.566	18.4	19.6

508790 2000 EA_{23} 11 16.5 210.°76 0.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.41	+20 5.4	1.870	2.657	15.9	22.8
10 18	3 53.96	+19 48.9	1.779	2.652	12.7	22.6
10 28	3 46.82	+19 23.5	1.708	2.647	8.8	22.4
11 7	3 37.58	+18 50.3	1.663	2.641	4.4	22.1
11 17	3 27.22	+18 11.5	1.646	2.635	0.4	21.8
11 27	3 16.95	+17 31.3	1.658	2.628	5.0	22.1
12 7	3 7.97	+16 54.8	1.699	2.621	9.4	22.4
12 17	3 1.19	+16 26.5	1.764	2.613	13.3	22.6

395813 2012 XJ_{28} 11 16.5 272.°27 1.°0/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.18	+23 5.7	1.865	2.650	16.0	21.4
10 18	3 52.44	+22 57.3	1.763	2.634	12.9	21.2
10 28	3 45.94	+22 38.1	1.681	2.617	9.1	20.9
11 7	3 37.23	+22 7.8	1.624	2.599	4.8	20.6
11 17	3 27.23	+21 28.1	1.594	2.582	1.0	20.3
11 27	3 17.19	+20 42.6	1.593	2.564	4.9	20.6
12 7	3 8.37	+19 57.0	1.619	2.547	9.4	20.8
12 17	3 1.74	+19 16.9	1.671	2.529	13.5	21.0

209606 2004 YA_{27} 11 16.5 179.°26 0.°9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.98	+20 55.0	2.230	2.999	14.2	20.8
10 18	3 54.76	+21 16.3	2.138	3.000	11.3	20.6
10 28	3 47.14	+21 32.0	2.069	3.001	7.9	20.4
11 7	3 37.68	+21 41.2	2.026	3.001	4.2	20.2
11 17	3 27.22	+21 44.1	2.013	3.001	0.9	20.0
11 27	3 16.83	+21 42.2	2.030	3.001	4.2	20.2
12 7	3 7.54	+21 38.2	2.077	3.000	7.9	20.4
12 17	3 0.16	+21 35.4	2.151	2.998	11.3	20.6

86776 2000 GR_{91} 11 16.5 134.°79 4.°9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.53	+ 7 35.0	1.759	2.560	16.2	19.6
10 18	3 53.85	+ 6 57.7	1.688	2.567	12.9	19.4
10 28	3 46.57	+ 6 21.3	1.638	2.574	9.3	19.2
11 7	3 37.37	+ 5 50.4	1.613	2.581	6.0	19.1
11 17	3 27.25	+ 5 29.5	1.616	2.588	5.1	19.0
11 27	3 17.38	+ 5 22.3	1.647	2.594	7.7	19.2
12 7	3 8.88	+ 5 30.8	1.704	2.600	11.2	19.4
12 17	3 2.55	+ 5 55.0	1.785	2.605	14.5	19.7

60614 Tomshea 11 16.5 92.°43 3.°1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.50	+28 46.6	1.964	2.728	16.0	19.1
10 18	3 53.14	+28 53.1	1.886	2.738	13.0	18.9
10 28	3 46.14	+28 46.1	1.828	2.749	9.5	18.7
11 7	3 37.18	+28 24.5	1.794	2.759	5.8	18.5
11 17	3 27.26	+27 48.9	1.788	2.769	3.2	18.4
11 27	3 17.61	+27 2.6	1.810	2.779	4.8	18.5
12 7	3 9.34	+26 11.2	1.861	2.788	8.4	18.8
12 17	3 3.28	+25 20.7	1.937	2.798	11.8	19.0

449946 2015 OY_{52} 11 16.5 48.°14 1.°8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.50	+22 48.7	1.737	2.523	16.9	21.2
10 18	3 54.28	+23 14.2	1.657	2.527	13.6	21.0
10 28	3 47.16	+23 31.2	1.597	2.532	9.6	20.8
11 7	3 37.80	+23 38.6	1.562	2.536	5.3	20.5
11 17	3 27.23	+23 36.3	1.554	2.541	1.8	20.3
11 27	3 16.81	+23 26.3	1.574	2.546	5.0	20.5
12 7	3 7.85	+23 12.7	1.622	2.551	9.3	20.8
12 17	3 1.28	+23 0.4	1.694	2.556	13.1	21.0

215738 2004 DN_{49} 11 16.5 214.°82 3.°1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.47	+28 28.7	2.155	2.913	14.9	20.4
10 18	3 53.06	+28 44.8	2.060	2.909	12.2	20.2
10 28	3 46.12	+28 49.4	1.987	2.906	9.0	20.0
11 7	3 37.23	+28 40.9	1.938	2.902	5.6	19.8
11 17	3 27.26	+28 18.9	1.918	2.898	3.2	19.6
11 27	3 17.36	+27 45.6	1.926	2.893	4.8	19.7
12 7	3 8.65	+27 5.6	1.964	2.889	8.1	19.9
12 17	3 1.98	+26 24.2	2.027	2.884	11.5	20.1

184339 2005 GA_{154} 11 16.5 12.°59 6.°9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.19	+ 7 37.4	1.002	1.855	22.0	18.9
10 18	3 50.53	+ 6 52.0	0.949	1.858	17.6	18.7
10 28	3 45.15	+ 6 8.5	0.912	1.863	12.8	18.4
11 7	3 36.92	+ 5 34.9	0.896	1.869	8.3	18.2
11 17	3 27.29	+ 5 18.6	0.901	1.877	7.2	18.2
11 27	3 18.08	+ 5 24.9	0.929	1.886	10.5	18.4
12 7	3 10.93	+ 5 55.2	0.979	1.896	15.1	18.7
12 17	3 6.89	+ 6 47.2	1.047	1.908	19.4	19.0

252836 2002 GC_{118} 11 16.5 260.°10 4.°4/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.65	+11 9.5	1.448	2.264	18.3	20.5
10 18	3 53.98	+10 31.2	1.368	2.258	14.7	20.3
10 28	3 47.17	+ 9 49.6	1.308	2.252	10.4	20.0
11 7	3 37.88	+ 9 9.6	1.271	2.246	6.1	19.8
11 17	3 27.24	+ 8 36.4	1.261	2.240	4.6	19.7
11 27	3 16.72	+ 8 15.7	1.276	2.234	8.1	19.8
12 7	3 7.75	+ 8 11.3	1.317	2.228	12.6	20.1
12 17	3 1.38	+ 8 24.9	1.380	2.222	16.8	20.3

348309 2005 AQ_{41} 11 16.5 224.°72 5.°2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.97	+35 1.5	2.065	2.800	16.2	21.0
10 18	3 54.59	+35 17.2	1.968	2.794	13.6	20.8
10 28	3 47.36	+35 16.2	1.890	2.788	10.6	20.6
11 7	3 37.91	+34 55.6	1.836	2.781	7.5	20.4
11 17	3 27.25	+34 14.0	1.809	2.775	5.4	20.2
11 27	3 16.70	+33 13.9	1.809	2.767	6.1	20.3
12 7	3 7.53	+32 1.4	1.838	2.760	8.9	20.4
12 17	3 0.70	+30 44.3	1.894	2.752	12.1	20.6

412762 2014 OC_{382} 11 16.5 23.°68 1.°3/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.31	+17 4.0	1.875	2.677	15.3	21.4
10 18	3 49.76	+16 41.1	1.797	2.680	12.1	21.2
10 28	3 43.79	+16 11.8	1.740	2.684	8.3	21.0
11 7	3 36.02	+15 38.4	1.709	2.688	4.1	20.8
11 17	3 27.35	+15 4.0	1.705	2.692	1.4	20.6
11 27	3 18.87	+14 32.7	1.729	2.697	5.2	20.9
12 7	3 11.61	+14 8.5	1.781	2.702	9.2	21.1
12 17	3 6.35	+13 54.5	1.858	2.707	12.7	21.4

294176 2007 TW_{389} 11 16.5 334.°86 6.°5/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.28	+ 9 15.7	1.719	2.534	15.9	20.1
10 18	3 49.06	+ 7 12.7	1.643	2.531	12.7	19.8
10 28	3 43.35	+ 5 3.5	1.590	2.529	9.3	19.6
11 7	3 35.81	+ 2 56.5	1.563	2.526	6.8	19.5
11 17	3 27.37	+ 1 1.4	1.565	2.524	6.9	19.5
11 27	3 19.13	− 0 32.6	1.593	2.521	9.6	19.7
12 7	3 12.17	− 1 39.9	1.648	2.519	12.9	19.9
12 17	3 7.23	− 2 18.8	1.724	2.518	16.0	20.1

182236 2001 DV_{17} 11 16.5 260.°62 1.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.71	+21 24.8	1.560	2.355	18.2	20.8
10 18	3 55.77	+21 40.3	1.469	2.346	14.7	20.5
10 28	3 48.56	+21 47.2	1.398	2.337	10.4	20.2
11 7	3 38.68	+21 44.9	1.351	2.327	5.5	19.9
11 17	3 27.23	+21 33.4	1.329	2.318	1.1	19.6
11 27	3 15.75	+21 15.7	1.336	2.308	5.6	19.9
12 7	3 5.79	+20 56.5	1.369	2.298	10.6	20.2
12 17	2 58.52	+20 41.3	1.426	2.288	15.1	20.4

172235 2002 RF_{149} 11 16.5 326.°07 6.°5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.94	+ 7 11.4	1.716	2.531	15.9	20.0
10 18	3 48.84	+ 5 39.1	1.639	2.527	12.8	19.7
10 28	3 43.25	+ 4 4.3	1.585	2.522	9.5	19.5
11 7	3 35.80	+ 2 34.4	1.556	2.517	6.9	19.4
11 17	3 27.39	+ 1 17.1	1.553	2.513	6.9	19.4
11 27	3 19.15	+ 0 19.7	1.578	2.509	9.4	19.5
12 7	3 12.15	− 0 13.8	1.627	2.506	12.7	19.7
12 17	3 7.18	− 0 22.5	1.698	2.502	15.8	19.9

391903 2008 UF_{116} 11 16.5 353.°96 2.°8/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.52	+26 8.3	1.371	2.178	19.7	20.8
10 18	3 51.24	+26 16.8	1.293	2.173	16.0	20.5
10 28	3 45.56	+26 10.1	1.233	2.170	11.6	20.2
11 7	3 37.17	+25 46.8	1.194	2.167	6.7	20.0
11 17	3 27.31	+25 7.9	1.180	2.166	2.8	19.7
11 27	3 17.61	+24 18.1	1.192	2.165	5.8	19.9
12 7	3 9.66	+23 24.9	1.229	2.165	10.8	20.2
12 17	3 4.54	+22 36.4	1.288	2.166	15.3	20.5

72688 2001 FG_{69} 11 16.5 51.°51 1.°2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.92	+16 15.6	2.113	2.906	14.1	18.7
10 18	3 49.90	+16 4.0	2.037	2.915	11.1	18.6
10 28	3 43.72	+15 47.8	1.983	2.924	7.6	18.4
11 7	3 35.94	+15 28.9	1.955	2.933	3.8	18.1
11 17	3 27.38	+15 9.5	1.955	2.942	1.3	18.0
11 27	3 19.02	+14 52.6	1.984	2.951	4.6	18.2
12 7	3 11.76	+14 41.2	2.042	2.961	8.3	18.5
12 17	3 6.29	+14 37.4	2.125	2.971	11.5	18.7

238786 2005 JK_{162} 11 16.5 60.°63 3.°4/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.69	+11 52.9	1.823	2.629	15.5	21.0
10 18	3 50.80	+11 16.8	1.751	2.635	12.3	20.8
10 28	3 44.48	+10 38.0	1.699	2.641	8.5	20.5
11 7	3 36.36	+10 0.2	1.673	2.648	4.9	20.3
11 17	3 27.37	+ 9 27.5	1.674	2.655	3.5	20.3
11 27	3 18.60	+ 9 4.2	1.704	2.661	6.4	20.5
12 7	3 11.10	+ 8 53.3	1.760	2.668	10.1	20.7
12 17	3 5.63	+ 8 56.3	1.841	2.675	13.5	20.9

320242 2007 JG_{42} 11 16.5 159.°54 7.°7/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.60	− 7 39.5	2.914	3.678	11.3	21.7
10 18	3 47.36	− 9 7.5	2.852	3.684	9.7	21.6
10 28	3 41.61	−10 27.9	2.815	3.690	8.4	21.6
11 7	3 34.79	−11 35.3	2.803	3.695	7.7	21.5
11 17	3 27.46	−12 25.4	2.819	3.699	8.0	21.6
11 27	3 20.27	−12 55.1	2.862	3.703	9.1	21.6
12 7	3 13.83	−13 3.7	2.929	3.707	10.5	21.7
12 17	3 8.65	−12 52.3	3.019	3.711	12.0	21.9

179687 2002 QM_{115} 11 16.5 225.°39 2.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.15	+14 56.0	1.725	2.525	16.5	21.7
10 18	3 53.94	+14 21.8	1.636	2.518	13.1	21.4
10 28	3 46.92	+13 41.5	1.568	2.510	9.1	21.2
11 7	3 37.72	+12 57.8	1.524	2.502	4.8	20.9
11 17	3 27.31	+12 14.9	1.509	2.493	2.7	20.8
11 27	3 16.98	+11 38.0	1.521	2.484	6.4	21.0
12 7	3 7.99	+11 11.9	1.561	2.474	10.8	21.2
12 17	3 1.28	+10 59.6	1.624	2.464	14.7	21.4

143095 2002 XB_{15} 11 16.5 273.°80 0.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.50	+22 32.4	2.017	2.801	15.0	20.5
10 18	3 50.80	+22 14.0	1.918	2.789	12.0	20.3
10 28	3 44.62	+21 45.2	1.841	2.777	8.4	20.0
11 7	3 36.53	+21 6.5	1.789	2.765	4.4	19.8
11 17	3 27.37	+20 20.2	1.764	2.753	0.5	19.4
11 27	3 18.26	+19 30.2	1.769	2.740	4.5	19.7
12 7	3 10.27	+18 41.9	1.802	2.728	8.7	20.0
12 17	3 4.26	+18 0.1	1.861	2.716	12.5	20.2

26071 4335 $T\text{-}3$ 11 16.5 310.°22 4.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.32	+ 7 44.5	2.171	2.973	13.5	18.8
10 18	3 47.81	+ 6 43.8	2.089	2.969	10.7	18.6
10 28	3 42.27	+ 5 42.0	2.030	2.965	7.8	18.5
11 7	3 35.24	+ 4 44.0	1.997	2.961	5.3	18.3
11 17	3 27.44	+ 3 54.6	1.992	2.958	5.0	18.3
11 27	3 19.77	+ 3 18.3	2.015	2.954	7.1	18.4
12 7	3 13.07	+ 2 58.0	2.065	2.950	10.1	18.6
12 17	3 7.99	+ 2 54.8	2.140	2.947	12.9	18.8

82550 2001 OB_{71} 11 16.5 53.°99 0.°1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.72	+19 29.2	1.331	2.141	19.9	18.6
10 18	3 55.62	+19 30.6	1.276	2.162	15.8	18.4
10 28	3 48.17	+19 23.1	1.239	2.183	10.8	18.1
11 7	3 38.28	+19 7.8	1.225	2.204	5.4	17.9
11 17	3 27.30	+18 46.9	1.237	2.226	0.3	17.6
11 27	3 16.86	+18 24.9	1.276	2.248	5.8	18.0
12 7	3 8.37	+18 6.8	1.340	2.270	10.7	18.4
12 17	3 2.75	+17 57.0	1.427	2.292	14.9	18.7

145353 2005 MK_{21} 11 16.5 225.°91 0.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.96	+20 5.2	2.062	2.849	14.6	21.1
10 18	3 50.95	+19 49.9	1.974	2.847	11.6	20.9
10 28	3 44.59	+19 26.6	1.906	2.845	8.0	20.6
11 7	3 36.46	+18 56.6	1.865	2.843	4.0	20.4
11 17	3 27.38	+18 21.9	1.852	2.840	0.3	20.1
11 27	3 18.43	+17 46.3	1.868	2.838	4.5	20.4
12 7	3 10.60	+17 14.0	1.912	2.835	8.5	20.7
12 17	3 4.69	+16 48.7	1.982	2.833	12.0	20.9

484019 2006 DF_{108} 11 16.5 308.°07 8.°0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.33	+41 46.5	2.316	3.008	15.7	21.3
10 18	3 55.85	+42 53.8	2.222	3.003	13.7	21.1
10 28	3 48.41	+43 45.8	2.147	2.999	11.6	21.0
11 7	3 38.56	+44 17.3	2.094	2.994	9.5	20.8
11 17	3 27.27	+44 24.3	2.067	2.990	8.2	20.7
11 27	3 15.92	+44 6.4	2.066	2.986	8.3	20.7
12 7	3 5.88	+43 27.2	2.092	2.981	9.7	20.8
12 17	2 58.24	+42 33.4	2.142	2.977	11.8	20.9

402771 2007 BN_{77} 11 16.5 17.°63 4.°8/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.43	+32 15.1	1.964	2.718	16.3	21.2
10 18	3 52.60	+32 43.1	1.878	2.720	13.6	21.0
10 28	3 45.99	+32 56.7	1.813	2.722	10.4	20.8
11 7	3 37.25	+32 53.1	1.771	2.724	7.1	20.6
11 17	3 27.36	+32 31.4	1.755	2.726	4.9	20.5
11 27	3 17.60	+31 53.6	1.767	2.729	5.8	20.6
12 7	3 9.22	+31 5.0	1.807	2.732	8.8	20.8
12 17	3 3.12	+30 12.4	1.872	2.735	12.0	21.0

220165 2002 TF_{271} 11 16.5 45.°71 1.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.95	+24 34.9	1.325	2.131	20.2	19.4
10 18	3 53.74	+24 21.5	1.259	2.141	16.2	19.1
10 28	3 47.09	+23 52.6	1.211	2.151	11.4	18.9
11 7	3 37.84	+23 8.5	1.186	2.162	6.1	18.6
11 17	3 27.33	+22 12.3	1.185	2.173	1.5	18.4
11 27	3 17.26	+21 10.4	1.211	2.185	5.7	18.7
12 7	3 9.12	+20 11.3	1.263	2.197	10.8	19.0
12 17	3 3.88	+19 22.1	1.337	2.209	15.3	19.3

297064 2010 JX_{34} 11 16.5 204.°22 1.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.82	+25 31.5	2.344	3.102	13.9	21.0
10 18	3 53.86	+25 37.7	2.245	3.097	11.2	20.8
10 28	3 46.55	+25 34.4	2.167	3.091	8.1	20.6
11 7	3 37.44	+25 20.8	2.116	3.085	4.6	20.4
11 17	3 27.35	+24 57.2	2.093	3.078	1.9	20.2
11 27	3 17.31	+24 25.8	2.101	3.071	4.1	20.3
12 7	3 8.32	+23 50.8	2.139	3.063	7.7	20.5
12 17	3 1.20	+23 16.6	2.204	3.054	11.0	20.7

248897 2006 UV_{272} 11 16.5 10.°93 2.°3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.09	+25 52.2	1.943	2.719	15.8	21.1
10 18	3 52.16	+26 3.1	1.856	2.719	12.8	20.9
10 28	3 45.60	+26 3.0	1.791	2.719	9.2	20.7
11 7	3 37.02	+25 51.0	1.749	2.720	5.3	20.4
11 17	3 27.38	+25 27.5	1.736	2.720	2.4	20.2
11 27	3 17.86	+24 55.3	1.750	2.721	4.7	20.4
12 7	3 9.62	+24 19.1	1.793	2.722	8.5	20.6
12 17	3 3.52	+23 44.4	1.861	2.723	12.1	20.9

126797 2002 EB_{26} 11 16.5 98.°49 1.°3/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.90	+24 9.7	1.828	2.607	16.5	20.1
10 18	3 54.24	+24 2.5	1.756	2.623	13.2	19.9
10 28	3 46.89	+23 43.9	1.705	2.638	9.3	19.7
11 7	3 37.59	+23 14.0	1.679	2.653	4.9	19.5
11 17	3 27.36	+22 34.9	1.681	2.668	1.4	19.2
11 27	3 17.48	+21 50.5	1.711	2.683	4.6	19.5
12 7	3 9.07	+21 6.4	1.770	2.697	8.7	19.8
12 17	3 2.95	+20 27.7	1.854	2.711	12.4	20.0

89384 2001 VB_{101} 11 16.5 191.°39 1.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.06	+25 24.6	1.859	2.635	16.3	20.0
10 18	3 53.78	+25 10.6	1.770	2.635	13.2	19.8
10 28	3 46.74	+24 43.7	1.702	2.634	9.4	19.6
11 7	3 37.60	+24 3.6	1.659	2.632	5.1	19.3
11 17	3 27.36	+23 12.1	1.643	2.630	1.6	19.1
11 27	3 17.29	+22 13.7	1.657	2.628	4.7	19.3
12 7	3 8.61	+21 14.8	1.698	2.626	9.0	19.6
12 17	3 2.20	+20 21.4	1.765	2.623	12.9	19.8

190186 2005 WM_{31} 11 16.5 294.°16 1.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.19	+23 17.5	1.582	2.379	17.9	20.4
10 18	3 53.00	+23 18.7	1.487	2.365	14.5	20.1
10 28	3 46.67	+23 8.3	1.412	2.350	10.3	19.9
11 7	3 37.77	+22 45.8	1.360	2.336	5.5	19.6
11 17	3 27.35	+22 12.1	1.334	2.322	1.4	19.2
11 27	3 16.90	+21 31.3	1.336	2.308	5.4	19.5
12 7	3 7.89	+20 49.4	1.363	2.295	10.4	19.7
12 17	3 1.45	+20 13.1	1.415	2.281	14.9	20.0

48746 1997 GE_1 11 16.5 14.°96 1.°2/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.08	+19 1.6	1.014	1.861	22.2	18.6
10 18	3 49.85	+18 37.5	0.958	1.866	17.6	18.4
10 28	3 44.80	+18 1.1	0.919	1.873	12.1	18.1
11 7	3 36.83	+17 15.7	0.900	1.881	6.0	17.8
11 17	3 27.41	+16 26.8	0.903	1.891	1.4	17.5
11 27	3 18.45	+15 42.3	0.929	1.902	7.1	18.0
12 7	3 11.61	+15 9.6	0.979	1.915	12.8	18.3
12 17	3 7.95	+14 53.2	1.048	1.929	17.7	18.7

229407 2005 SU_{224} 11 16.5 325.°53 3.°1/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.41	+16 16.9	1.257	2.093	19.4	20.3
10 18	3 48.96	+15 29.2	1.171	2.073	15.6	20.0
10 28	3 44.16	+14 29.8	1.103	2.054	10.9	19.7
11 7	3 36.61	+13 23.0	1.056	2.037	5.7	19.3
11 17	3 27.42	+12 15.5	1.034	2.019	3.3	19.1
11 27	3 18.20	+11 16.0	1.037	2.003	7.9	19.3
12 7	3 10.57	+10 32.5	1.063	1.989	13.3	19.6
12 17	3 5.72	+10 9.9	1.109	1.975	18.2	19.8

430587 2002 RL_{137} 11 16.5 156.°98 17.°3/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 24.77	+50 17.6	1.260	1.939	27.1	22.6
10 18	4 19.87	+52 43.5	1.196	1.948	24.7	22.4
10 28	4 7.99	+54 44.2	1.144	1.957	22.0	22.2
11 7	3 49.49	+56 1.8	1.108	1.964	19.5	22.1
11 17	3 26.75	+56 19.2	1.090	1.970	17.7	22.0
11 27	3 4.15	+55 30.6	1.093	1.974	17.4	22.0
12 7	2 45.95	+53 47.2	1.116	1.978	18.5	22.1
12 17	2 34.49	+51 30.7	1.158	1.980	20.6	22.2

258846 2002 PE_{86} 11 16.5 32.°07 1.°0/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.27	+17 0.7	1.029	1.867	22.6	19.4
10 18	3 54.50	+17 7.8	0.981	1.884	17.9	19.2
10 28	3 47.83	+17 7.9	0.951	1.902	12.2	18.9
11 7	3 38.25	+17 2.7	0.941	1.922	6.0	18.7
11 17	3 27.37	+16 54.8	0.954	1.942	1.1	18.4
11 27	3 17.12	+16 48.6	0.991	1.964	6.8	18.9
12 7	3 9.17	+16 48.8	1.052	1.986	12.4	19.2
12 17	3 4.52	+16 58.6	1.133	2.010	17.0	19.6

477225 2009 PY_{15} 11 16.5 96.°84 4.°3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.70	+29 26.3	1.589	2.358	19.0	21.7
10 18	3 57.96	+29 55.4	1.518	2.372	15.5	21.5
10 28	3 49.87	+30 9.4	1.467	2.387	11.5	21.3
11 7	3 39.22	+30 5.2	1.438	2.401	7.3	21.1
11 17	3 27.32	+29 42.0	1.436	2.415	4.4	21.0
11 27	3 15.78	+29 3.1	1.461	2.428	6.0	21.1
12 7	3 6.09	+28 15.1	1.514	2.441	9.9	21.4
12 17	2 59.26	+27 26.1	1.591	2.454	13.7	21.6

37631 1993 TT_{27} 11 16.5 77.°48 3.°6/14.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.70	+14 13.7	1.346	2.162	19.5	19.0
10 18	3 55.36	+13 17.2	1.292	2.183	15.3	18.8
10 28	3 47.84	+12 14.7	1.258	2.204	10.5	18.6
11 7	3 38.08	+11 11.5	1.248	2.225	5.7	18.4
11 17	3 27.38	+10 14.1	1.263	2.246	3.8	18.3
11 27	3 17.27	+ 9 29.1	1.306	2.266	7.5	18.6
12 7	3 9.05	+ 9 1.2	1.374	2.287	12.0	18.9
12 17	3 3.54	+ 8 52.1	1.464	2.307	15.9	19.2

214696 2006 SD_{295} 11 16.5 337.°20 1.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.97	+16 30.1	1.885	2.686	15.3	20.9
10 18	3 50.32	+15 54.5	1.802	2.685	12.1	20.7
10 28	3 44.23	+15 12.0	1.741	2.684	8.3	20.4
11 7	3 36.32	+14 25.4	1.704	2.683	4.2	20.2
11 17	3 27.46	+13 38.5	1.696	2.682	2.0	20.0
11 27	3 18.76	+12 56.2	1.716	2.681	5.5	20.3
12 7	3 11.27	+12 22.9	1.764	2.681	9.5	20.5
12 17	3 5.77	+12 1.8	1.836	2.680	13.1	20.7

139844 2001 RF_{48} 11 16.5 14.°28 1.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.21	+23 47.8	1.736	2.526	16.8	19.5
10 18	3 51.72	+23 56.8	1.655	2.528	13.5	19.3
10 28	3 45.43	+23 55.4	1.595	2.531	9.6	19.1
11 7	3 37.00	+23 43.0	1.559	2.533	5.2	18.8
11 17	3 27.45	+23 20.7	1.550	2.537	1.7	18.6
11 27	3 18.05	+22 51.5	1.568	2.540	4.9	18.8
12 7	3 10.06	+22 20.6	1.614	2.544	9.1	19.1
12 17	3 4.37	+21 53.1	1.684	2.549	13.0	19.3

325515 2009 RS_{59} 11 16.5 22.°26 8.°1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.68	+40 2.3	1.937	2.656	17.6	20.2
10 18	3 54.87	+41 4.4	1.857	2.661	15.2	20.0
10 28	3 47.86	+41 48.7	1.796	2.666	12.6	19.8
11 7	3 38.33	+42 9.8	1.756	2.672	10.0	19.7
11 17	3 27.40	+42 4.3	1.741	2.679	8.3	19.6
11 27	3 16.60	+41 32.9	1.752	2.685	8.4	19.6
12 7	3 7.41	+40 40.8	1.788	2.693	10.2	19.8
12 17	3 0.88	+39 36.2	1.849	2.700	12.7	19.9

519821 2013 HD_{158} 11 16.5 153.°33 5.°4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.66	+ 0 32.7	2.845	3.621	11.2	22.4
10 18	3 48.99	− 0 13.7	2.772	3.630	9.2	22.2
10 28	3 42.76	− 0 55.9	2.724	3.637	7.1	22.1
11 7	3 35.42	− 1 30.1	2.703	3.645	5.6	22.0
11 17	3 27.55	− 1 53.1	2.711	3.652	5.5	22.0
11 27	3 19.84	− 2 2.3	2.748	3.658	6.9	22.1
12 7	3 12.92	− 1 56.9	2.813	3.664	8.9	22.3
12 17	3 7.30	− 1 37.1	2.902	3.669	10.8	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
67513	2000 RA_{60}		11 16.5	43.°67	3.°5/15.2	18
	h m	° ′			°	m
10 8	3 57.39	+14 23.7	1.089	1.925	21.8	18.8
10 18	3 54.29	+13 46.1	1.040	1.941	17.2	18.5
10 28	3 47.51	+13 2.6	1.008	1.959	11.8	18.3
11 7	3 38.06	+12 18.2	0.998	1.977	6.2	18.1
11 17	3 27.43	+11 39.0	1.012	1.996	3.6	18.0
11 27	3 17.43	+11 11.5	1.050	2.016	7.9	18.3
12 7	3 9.60	+11 0.3	1.111	2.036	13.0	18.6
12 17	3 4.85	+11 6.9	1.194	2.056	17.4	19.0
482659	2013 BV_{58}		11 16.5	301.°46	1.°4/17.3	18
10 8	3 54.94	+23 54.6	1.717	2.508	16.9	21.6
10 18	3 51.74	+23 51.4	1.620	2.494	13.7	21.3
10 28	3 45.64	+23 36.3	1.544	2.481	9.7	21.1
11 7	3 37.22	+23 9.1	1.492	2.467	5.3	20.8
11 17	3 27.46	+22 31.0	1.466	2.454	1.4	20.5
11 27	3 17.69	+21 46.0	1.468	2.441	5.1	20.7
12 7	3 9.24	+21 0.0	1.497	2.428	9.7	20.9
12 17	3 3.14	+20 19.2	1.550	2.415	13.9	21.2
128150	2003 QL_{77}		11 16.5	78.°15	1.°5/17.5	18
10 8	3 54.48	+24 35.3	2.280	3.051	13.8	19.6
10 18	3 50.36	+24 33.3	2.197	3.058	11.1	19.4
10 28	3 44.08	+24 21.8	2.136	3.065	7.9	19.2
11 7	3 36.20	+24 1.0	2.100	3.072	4.3	19.0
11 17	3 27.52	+23 32.0	2.093	3.079	1.5	18.8
11 27	3 19.01	+22 57.6	2.116	3.087	3.9	19.0
12 7	3 11.58	+22 22.0	2.167	3.094	7.4	19.3
12 17	3 5.94	+21 49.1	2.245	3.101	10.6	19.5
125124	2001 US_{53}		11 16.5	2.°04	2.°4/15.6	18
10 8	3 48.63	+16 44.7	1.049	1.900	21.4	19.7
10 18	3 47.88	+16 15.4	0.986	1.897	17.0	19.5
10 28	3 43.50	+15 36.1	0.940	1.896	11.7	19.2
11 7	3 36.26	+14 51.1	0.915	1.896	5.9	18.9
11 17	3 27.52	+14 6.4	0.912	1.899	2.5	18.7
11 27	3 19.06	+13 29.6	0.932	1.903	7.6	19.0
12 7	3 12.52	+13 7.1	0.974	1.909	13.1	19.3
12 17	3 9.02	+13 2.5	1.036	1.916	18.0	19.6
331204	2011 BT_{28}		11 16.5	34.°49	4.°0/14.3	18
10 8	3 53.69	+ 7 42.3	2.208	3.004	13.5	20.4
10 18	3 49.63	+ 7 15.8	2.128	3.005	10.7	20.2
10 28	3 43.52	+ 6 50.4	2.072	3.007	7.7	20.0
11 7	3 35.91	+ 6 29.3	2.041	3.009	4.9	19.9
11 17	3 27.54	+ 6 15.7	2.039	3.011	4.1	19.8
11 27	3 19.31	+ 6 12.5	2.066	3.013	6.3	20.0
12 7	3 12.08	+ 6 21.3	2.120	3.016	9.3	20.1
12 17	3 6.50	+ 6 42.6	2.199	3.018	12.2	20.3
401165	2011 WX_{54}		11 16.5	40.°54	1.°0/16.1	18
10 8	3 56.81	+16 27.2	1.783	2.581	16.1	21.4
10 18	3 52.73	+16 27.6	1.705	2.585	12.8	21.2
10 28	3 46.00	+16 23.4	1.647	2.589	8.8	20.9
11 7	3 37.26	+16 16.0	1.615	2.593	4.4	20.7
11 17	3 27.48	+16 7.2	1.609	2.597	1.1	20.5
11 27	3 17.86	+15 59.8	1.633	2.602	5.2	20.8
12 7	3 9.57	+15 57.1	1.684	2.607	9.4	21.0
12 17	3 3.45	+16 1.6	1.759	2.611	13.2	21.3
18898	2000 JX		11 16.5	1.°27	17.°5/11.6	18
10 8	3 54.26	−22 41.1	1.453	2.210	21.0	16.5
10 18	3 51.12	−23 46.0	1.409	2.207	19.5	16.3
10 28	3 45.01	−24 21.5	1.381	2.205	18.3	16.3
11 7	3 36.74	−24 17.5	1.369	2.206	17.6	16.2
11 17	3 27.50	−23 27.9	1.375	2.208	17.6	16.2
11 27	3 18.69	−21 51.8	1.401	2.212	18.3	16.3
12 7	3 11.54	−19 34.9	1.445	2.218	19.6	16.4
12 17	3 6.85	−16 46.5	1.508	2.226	21.2	16.6
203220	2001 FU_{66}		11 16.5	190.°74	1.°8/15.5	18
10 8	3 56.81	+15 0.0	2.230	3.015	13.7	21.4
10 18	3 52.16	+14 39.2	2.140	3.014	10.8	21.2
10 28	3 45.32	+14 14.2	2.074	3.012	7.5	21.0
11 7	3 36.84	+13 47.1	2.034	3.010	3.9	20.8
11 17	3 27.50	+13 20.3	2.023	3.008	1.9	20.6
11 27	3 18.27	+12 57.2	2.042	3.005	4.9	20.9
12 7	3 10.07	+12 40.9	2.090	3.002	8.5	21.1
12 17	3 3.63	+12 33.8	2.163	2.998	11.8	21.3
449283	2013 EO_{68}		11 16.5	170.°60	0.°9/17.1	18
10 8	3 56.60	+22 4.7	2.137	2.914	14.5	21.8
10 18	3 52.23	+22 7.9	2.049	2.915	11.6	21.6
10 28	3 45.50	+22 3.2	1.982	2.916	8.1	21.4
11 7	3 36.98	+21 50.6	1.942	2.917	4.3	21.1
11 17	3 27.51	+21 31.2	1.929	2.917	0.9	20.9
11 27	3 18.16	+21 7.5	1.947	2.918	4.2	21.1
12 7	3 9.93	+20 43.4	1.993	2.918	8.0	21.4
12 17	3 3.62	+20 22.8	2.065	2.918	11.5	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390936	2005 GA_{104}		11 16.5	80.°26	10.°6/12.4	15
	h m	° ′			°	m
10 8	4 0.53	−11 52.8	1.995	2.752	16.0	20.3
10 18	3 54.79	−12 45.4	1.955	2.777	13.9	20.2
10 28	3 46.86	−13 21.7	1.936	2.803	11.9	20.1
11 7	3 37.45	−13 35.6	1.940	2.829	10.7	20.1
11 17	3 27.50	−13 23.3	1.969	2.854	10.7	20.1
11 27	3 18.03	−12 43.7	2.024	2.878	11.7	20.2
12 7	3 9.93	−11 39.4	2.102	2.903	13.3	20.4
12 17	3 3.81	−10 14.9	2.203	2.927	15.1	20.6
330160	2006 BN_{78}		11 16.5	206.°13	6.°2/11.4	17
10 8	3 52.05	− 2 24.4	2.881	3.656	11.1	21.7
10 18	3 47.83	− 3 21.6	2.800	3.651	9.3	21.6
10 28	3 42.04	− 4 13.7	2.743	3.646	7.5	21.4
11 7	3 35.11	− 4 56.4	2.713	3.641	6.4	21.4
11 17	3 27.61	− 5 26.0	2.711	3.635	6.5	21.4
11 27	3 20.19	− 5 39.5	2.738	3.629	7.7	21.4
12 7	3 13.49	− 5 36.0	2.791	3.622	9.5	21.6
12 17	3 8.04	− 5 15.9	2.868	3.615	11.4	21.7
516924	2011 UL_{414}		11 16.6	348.°71	0.°1/16.6	18
10 8	3 54.36	+21 34.2	1.871	2.662	15.7	21.6
10 18	3 50.76	+21 8.5	1.785	2.662	12.5	21.4
10 28	3 44.63	+20 32.3	1.721	2.661	8.7	21.2
11 7	3 36.58	+19 46.9	1.682	2.660	4.4	20.9
11 17	3 27.54	+18 55.4	1.671	2.660	0.2	20.6
11 27	3 18.67	+18 2.5	1.688	2.659	4.7	21.0
12 7	3 11.07	+17 13.8	1.733	2.659	9.0	21.2
12 17	3 5.54	+16 34.0	1.803	2.659	12.8	21.5
213312	2001 RB_{115}		11 16.6	56.°30	0.°9/16.1	18
10 8	3 55.39	+17 56.9	1.840	2.637	15.7	20.7
10 18	3 51.47	+17 41.3	1.765	2.645	12.4	20.5
10 28	3 45.05	+17 19.1	1.710	2.652	8.5	20.3
11 7	3 36.76	+16 52.0	1.681	2.660	4.2	20.0
11 17	3 27.54	+16 22.7	1.679	2.668	1.0	19.8
11 27	3 18.55	+15 54.9	1.706	2.675	5.0	20.1
12 7	3 10.85	+15 32.8	1.761	2.683	9.1	20.4
12 17	3 5.24	+15 19.5	1.840	2.691	12.7	20.6
464421	2016 BU_{29}		11 16.6	350.°29	5.°9/19.6	16
10 8	3 52.84	+32 57.3	1.719	2.488	17.8	20.5
10 18	3 50.39	+33 40.2	1.631	2.480	14.9	20.3
10 28	3 44.88	+34 7.9	1.562	2.472	11.6	20.0
11 7	3 36.91	+34 16.4	1.515	2.466	8.3	19.8
11 17	3 27.53	+34 3.7	1.492	2.460	6.0	19.7
11 27	3 18.17	+33 31.3	1.496	2.456	6.8	19.7
12 7	3 10.26	+32 44.5	1.525	2.453	9.9	19.9
12 17	3 4.86	+31 51.1	1.579	2.450	13.3	20.1
395595	2011 UF_{320}		11 16.6	49.°34	2.°7/15.3	18
10 8	3 56.08	+12 59.0	1.693	2.500	16.5	20.9
10 18	3 52.10	+12 40.8	1.626	2.512	13.0	20.7
10 28	3 45.49	+12 20.0	1.581	2.524	9.0	20.5
11 7	3 36.98	+11 59.6	1.560	2.537	4.8	20.3
11 17	3 27.54	+11 42.6	1.566	2.550	2.8	20.2
11 27	3 18.41	+11 32.8	1.600	2.563	6.1	20.4
12 7	3 10.67	+11 32.7	1.660	2.576	10.1	20.7
12 17	3 5.13	+11 44.0	1.745	2.590	13.6	21.0
514803	2007 RL_{285}		11 16.6	144.°22	3.°1/18.4	18
10 8	4 2.03	+28 18.4	2.346	3.089	14.3	22.5
10 18	3 56.34	+28 44.7	2.261	3.101	11.6	22.3
10 28	3 48.24	+29 0.7	2.199	3.112	8.6	22.2
11 7	3 38.33	+29 4.5	2.162	3.123	5.4	22.0
11 17	3 27.48	+28 55.6	2.155	3.133	3.1	21.9
11 27	3 16.81	+28 35.5	2.177	3.142	4.5	22.0
12 7	3 7.34	+28 8.1	2.230	3.151	7.6	22.2
12 17	2 59.86	+27 38.2	2.310	3.159	10.6	22.4
56617	2000 JZ_{72}		11 16.6	270.°71	4.°7/14.4	18
10 8	3 56.57	+ 9 31.6	1.611	2.422	17.0	19.5
10 18	3 52.84	+ 8 51.7	1.529	2.416	13.6	19.2
10 28	3 46.27	+ 8 10.1	1.468	2.409	9.7	19.0
11 7	3 37.50	+ 7 31.8	1.431	2.403	6.0	18.8
11 17	3 27.53	+ 7 1.8	1.420	2.396	4.9	18.7
11 27	3 17.66	+ 6 45.1	1.437	2.390	7.9	18.8
12 7	3 9.16	+ 6 44.9	1.479	2.383	11.9	19.1
12 17	3 2.98	+ 7 2.1	1.544	2.377	15.7	19.3
172155	2002 NM_{18}		11 16.6	49.°42	6.°4/13.7	18
10 8	3 56.05	+ 6 1.8	1.490	2.307	17.9	19.4
10 18	3 52.12	+ 5 3.7	1.441	2.329	14.2	19.2
10 28	3 45.46	+ 4 8.7	1.414	2.351	10.4	19.1
11 7	3 36.91	+ 3 23.1	1.410	2.374	7.2	18.9
11 17	3 27.57	+ 2 52.7	1.431	2.397	6.6	19.0
11 27	3 18.72	+ 2 41.6	1.479	2.420	9.0	19.2
12 7	3 11.47	+ 2 51.0	1.552	2.444	12.3	19.4
12 17	3 6.53	+ 3 19.6	1.647	2.468	15.5	19.7

165587 2001 FW_9 11 16.6 263.°80 0.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.04	+22 32.2	1.984	2.766	15.2	20.6
10 18	3 52.17	+22 14.7	1.880	2.750	12.3	20.4
10 28	3 45.71	+21 46.4	1.798	2.734	8.6	20.1
11 7	3 37.21	+21 7.9	1.741	2.717	4.5	19.9
11 17	3 27.54	+20 21.0	1.711	2.700	0.5	19.5
11 27	3 17.85	+19 30.0	1.711	2.682	4.7	19.8
12 7	3 9.29	+18 40.2	1.739	2.665	9.0	20.0
12 17	3 2.79	+17 57.1	1.793	2.647	12.9	20.2

359834 2011 UX_{320} 11 16.6 186.°34 0.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.91	+19 46.0	2.129	2.913	14.3	21.6
10 18	3 51.64	+19 27.1	2.041	2.913	11.4	21.4
10 28	3 45.07	+19 0.5	1.974	2.912	7.8	21.2
11 7	3 36.78	+18 27.4	1.934	2.911	3.9	20.9
11 17	3 27.59	+17 50.3	1.922	2.911	0.4	20.6
11 27	3 18.54	+17 12.6	1.940	2.909	4.4	20.9
12 7	3 10.59	+16 38.8	1.987	2.908	8.3	21.2
12 17	3 4.51	+16 12.3	2.059	2.906	11.7	21.4

210954 2001 UM_{60} 11 16.6 137.°56 0.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.30	+22 23.4	2.055	2.837	14.8	21.0
10 18	3 51.27	+22 7.4	1.970	2.839	11.8	20.8
10 28	3 44.86	+21 41.7	1.906	2.841	8.2	20.5
11 7	3 36.68	+21 7.2	1.867	2.843	4.2	20.3
11 17	3 27.60	+20 25.9	1.857	2.845	0.5	20.0
11 27	3 18.68	+19 41.8	1.876	2.847	4.3	20.3
12 7	3 10.94	+18 59.6	1.923	2.849	8.3	20.6
12 17	3 5.14	+18 23.6	1.996	2.850	11.8	20.8

175081 2004 GQ_{68} 11 16.6 177.°00 2.°7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.71	+12 49.4	2.042	2.839	14.4	20.4
10 18	3 50.69	+12 19.4	1.959	2.840	11.4	20.2
10 28	3 44.41	+11 46.1	1.899	2.840	7.9	20.0
11 7	3 36.45	+11 12.6	1.864	2.840	4.3	19.8
11 17	3 27.61	+10 42.3	1.858	2.840	2.9	19.7
11 27	3 18.92	+10 19.0	1.881	2.840	5.7	19.9
12 7	3 11.33	+10 5.8	1.931	2.840	9.3	20.1
12 17	3 5.57	+10 4.5	2.006	2.840	12.6	20.3

47609 2000 AN_{251} 11 16.6 212.°77 0.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.34	+17 28.4	2.619	3.399	12.0	19.7
10 18	3 49.16	+17 10.0	2.524	3.395	9.5	19.5
10 28	3 43.14	+16 46.6	2.453	3.391	6.5	19.3
11 7	3 35.75	+16 19.6	2.409	3.386	3.3	19.1
11 17	3 27.65	+15 50.9	2.394	3.381	0.9	18.9
11 27	3 19.61	+15 23.5	2.410	3.376	4.0	19.1
12 7	3 12.41	+15 0.2	2.455	3.371	7.2	19.3
12 17	3 6.67	+14 43.5	2.527	3.366	10.1	19.5

100745 1998 ET_3 11 16.6 154.°12 3.°7/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.54	+10 40.9	1.865	2.657	15.7	20.0
10 18	3 55.38	+10 6.0	1.789	2.665	12.5	19.8
10 28	3 47.66	+ 9 29.3	1.736	2.673	8.8	19.6
11 7	3 38.07	+ 8 54.6	1.708	2.680	5.1	19.4
11 17	3 27.55	+ 8 25.7	1.709	2.687	3.9	19.4
11 27	3 17.28	+ 8 6.8	1.738	2.692	6.7	19.6
12 7	3 8.34	+ 8 0.5	1.796	2.697	10.4	19.8
12 17	3 1.54	+ 8 8.2	1.878	2.702	13.7	20.0

98894 2001 BC_{44} 11 16.6 251.°81 7.°2/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.73	+ 2 0.5	1.932	2.731	15.0	19.8
10 18	3 50.84	+ 0 53.1	1.850	2.722	12.3	19.6
10 28	3 44.61	− 0 11.1	1.790	2.713	9.6	19.5
11 7	3 36.59	− 1 6.1	1.755	2.704	7.5	19.3
11 17	3 27.62	− 1 45.6	1.747	2.694	7.5	19.3
11 27	3 18.74	− 2 4.9	1.765	2.684	9.5	19.4
12 7	3 10.96	− 2 1.9	1.810	2.674	12.3	19.6
12 17	3 5.06	− 1 37.1	1.876	2.664	15.1	19.7

412552 2014 NT_{30} 11 16.6 184.°20 6.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.55	− 1 1.0	2.659	3.435	12.0	22.0
10 18	3 49.90	− 2 0.1	2.581	3.435	9.9	21.9
10 28	3 43.52	− 2 54.5	2.527	3.435	7.9	21.7
11 7	3 35.91	− 3 39.6	2.500	3.434	6.5	21.7
11 17	3 27.67	− 4 11.3	2.501	3.432	6.5	21.7
11 27	3 19.55	− 4 26.5	2.531	3.430	7.9	21.8
12 7	3 12.26	− 4 24.0	2.588	3.428	9.9	21.9
12 17	3 6.37	− 4 4.3	2.669	3.424	12.0	22.0

272426 2005 TM_{131} 11 16.6 164.°41 1.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.53	+22 36.2	1.868	2.643	16.3	21.2
10 18	3 56.54	+22 53.1	1.783	2.647	13.1	21.0
10 28	3 48.72	+23 1.7	1.719	2.650	9.3	20.8
11 7	3 38.72	+23 1.0	1.680	2.653	5.0	20.6
11 17	3 27.54	+22 51.2	1.669	2.656	1.5	20.3
11 27	3 16.49	+22 34.5	1.687	2.658	4.8	20.6
12 7	3 6.83	+22 15.2	1.734	2.660	9.0	20.8
12 17	2 59.49	+21 58.0	1.806	2.661	12.8	21.1

211502 2003 QL_{11} 11 16.6 106.°91 2.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.18	+13 53.1	1.514	2.316	18.3	20.6
10 18	3 57.18	+13 31.3	1.450	2.333	14.5	20.4
10 28	3 49.14	+13 5.5	1.407	2.349	10.0	20.1
11 7	3 38.86	+12 38.7	1.387	2.364	5.2	19.9
11 17	3 27.54	+12 14.7	1.395	2.380	2.8	19.8
11 27	3 16.65	+11 57.7	1.431	2.394	6.6	20.1
12 7	3 7.48	+11 51.2	1.493	2.409	11.0	20.4
12 17	3 0.92	+11 57.2	1.579	2.422	14.9	20.6

413264 2003 TY_{34} 11 16.6 182.°07 5.°5/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.14	+36 39.4	2.642	3.350	13.6	21.4
10 18	3 54.22	+37 24.6	2.547	3.350	11.6	21.3
10 28	3 46.93	+37 57.4	2.472	3.350	9.3	21.1
11 7	3 37.78	+38 14.5	2.423	3.350	7.0	21.0
11 17	3 27.59	+38 13.9	2.400	3.350	5.6	20.9
11 27	3 17.41	+37 56.2	2.407	3.349	5.9	20.9
12 7	3 8.29	+37 24.5	2.442	3.349	7.8	21.0
12 17	3 1.06	+36 43.9	2.504	3.348	10.1	21.2

127051 2002 GU_{44} 11 16.6 55.°65 3.°6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.13	+28 23.0	2.055	2.816	15.5	19.4
10 18	3 53.68	+28 59.6	1.977	2.826	12.7	19.2
10 28	3 46.64	+29 25.4	1.920	2.837	9.4	19.0
11 7	3 37.63	+29 38.1	1.887	2.848	6.0	18.8
11 17	3 27.60	+29 36.9	1.882	2.859	3.7	18.7
11 27	3 17.74	+29 23.2	1.906	2.871	5.0	18.8
12 7	3 9.16	+29 1.1	1.957	2.882	8.2	19.0
12 17	3 2.73	+28 35.7	2.035	2.894	11.4	19.3

511439 2014 JY_{23} 11 16.6 125.°91 2.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.97	+10 7.2	2.275	3.057	13.5	21.5
10 18	3 53.65	+ 9 59.8	2.200	3.070	10.7	21.3
10 28	3 46.23	+ 9 52.6	2.148	3.083	7.5	21.1
11 7	3 37.29	+ 9 47.7	2.123	3.095	4.2	21.0
11 17	3 27.62	+ 9 47.2	2.127	3.107	2.9	20.9
11 27	3 18.17	+ 9 53.2	2.162	3.119	5.3	21.1
12 7	3 9.79	+10 7.0	2.226	3.130	8.5	21.3
12 17	3 3.16	+10 29.5	2.316	3.140	11.5	21.5

24793 1993 UT 11 16.6 62.°28 4.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 13.84	+ 4 6.5	1.701	2.469	17.9	18.0
10 18	4 5.60	+ 4 51.7	1.648	2.507	14.3	17.9
10 28	3 54.46	+ 5 44.7	1.617	2.544	10.1	17.7
11 7	3 41.34	+ 6 46.2	1.613	2.581	6.0	17.6
11 17	3 27.45	+ 7 55.4	1.640	2.617	4.2	17.5
11 27	3 14.23	+ 9 10.6	1.698	2.653	6.7	17.8
12 7	3 2.89	+10 29.8	1.787	2.689	10.4	18.1
12 17	2 54.21	+11 51.4	1.902	2.724	13.6	18.4

289057 2004 TY_{185} 11 16.6 304.°08 1.°3/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.26	+23 43.2	2.132	2.910	14.5	21.5
10 18	3 50.53	+23 43.1	2.038	2.904	11.6	21.3
10 28	3 44.44	+23 33.6	1.965	2.898	8.2	21.1
11 7	3 36.54	+23 14.8	1.917	2.891	4.5	20.8
11 17	3 27.66	+22 47.6	1.898	2.885	1.3	20.6
11 27	3 18.84	+22 14.9	1.907	2.879	4.2	20.8
12 7	3 11.09	+21 41.0	1.945	2.873	8.0	21.0
12 17	3 5.22	+21 10.2	2.009	2.867	11.5	21.2

329933 2005 OP_8 11 16.6 50.°55 0.°4/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.05	+20 39.9	1.195	2.012	21.4	20.9
10 18	3 56.04	+20 14.1	1.151	2.041	16.8	20.8
10 28	3 48.50	+19 36.4	1.125	2.071	11.5	20.5
11 7	3 38.51	+18 49.2	1.121	2.100	5.6	20.3
11 17	3 27.59	+17 57.5	1.142	2.131	0.5	20.0
11 27	3 17.44	+17 8.1	1.189	2.161	6.1	20.5
12 7	3 9.49	+16 27.7	1.261	2.192	11.2	20.9
12 17	3 4.53	+16 0.9	1.356	2.222	15.5	21.2

381383 2008 FO_{131} 11 16.6 223.°93 2.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.02	+15 32.1	1.765	2.563	16.3	22.0
10 18	3 53.83	+14 49.1	1.674	2.555	12.9	21.7
10 28	3 46.90	+13 58.6	1.605	2.547	9.0	21.5
11 7	3 37.84	+13 3.7	1.561	2.538	4.7	21.2
11 17	3 27.61	+12 9.2	1.544	2.529	2.7	21.0
11 27	3 17.46	+11 20.5	1.557	2.519	6.3	21.3
12 7	3 8.62	+10 43.1	1.596	2.509	10.6	21.5
12 17	3 1.99	+10 20.5	1.660	2.498	14.6	21.7

266042 2006 HV_{119} 11 16.6 156.°03 1.°8/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.85	+14 20.6	2.522	3.309	12.2	21.3
10 18	3 48.79	+13 58.8	2.436	3.311	9.6	21.2
10 28	3 42.89	+13 33.9	2.373	3.312	6.6	21.0
11 7	3 35.65	+13 7.7	2.337	3.313	3.5	20.8
11 17	3 27.72	+12 42.7	2.330	3.315	1.9	20.7
11 27	3 19.89	+12 21.7	2.353	3.316	4.5	20.9
12 7	3 12.94	+12 7.2	2.406	3.317	7.6	21.1
12 17	3 7.47	+12 1.3	2.484	3.318	10.5	21.2

376105 2010 WL_{55} 11 16.6 339.°46 4.°0/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.23	+11 41.4	1.136	1.976	20.8	21.0
10 18	3 52.27	+11 27.9	1.062	1.965	16.7	20.7
10 28	3 46.64	+11 12.6	1.005	1.956	11.8	20.4
11 7	3 38.00	+10 59.9	0.968	1.947	6.6	20.1
11 17	3 27.60	+10 54.2	0.955	1.939	4.1	19.9
11 27	3 17.24	+11 0.4	0.966	1.932	8.4	20.1
12 7	3 8.69	+11 21.6	0.999	1.927	13.8	20.4
12 17	3 3.23	+11 58.7	1.053	1.922	18.7	20.7

395274 2010 TF_{164} 11 16.6 335.°21 13.°4/ 5.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 42.21	+16 14.6	0.711	1.599	24.9	20.5
10 18	3 44.05	+10 56.9	0.648	1.582	19.8	20.1
10 28	3 41.56	+ 4 44.1	0.605	1.566	15.0	19.8
11 7	3 35.59	− 1 48.6	0.586	1.551	13.5	19.7
11 17	3 27.72	− 7 51.1	0.590	1.539	16.9	19.8
11 27	3 20.13	−12 39.0	0.616	1.528	22.3	20.0
12 7	3 14.81	−15 53.1	0.658	1.519	27.6	20.3
12 17	3 12.98	−17 37.0	0.711	1.513	31.9	20.6

123887 2001 DX_{45} 11 16.6 179.°78 2.°6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.60	+11 15.7	2.961	3.743	10.7	21.1
10 18	3 48.25	+10 37.6	2.873	3.744	8.5	20.9
10 28	3 42.35	+ 9 57.6	2.809	3.745	5.9	20.8
11 7	3 35.33	+ 9 18.3	2.773	3.745	3.5	20.6
11 17	3 27.75	+ 8 42.3	2.768	3.745	2.7	20.6
11 27	3 20.27	+ 8 12.5	2.793	3.744	4.7	20.7
12 7	3 13.52	+ 7 51.3	2.848	3.743	7.2	20.9
12 17	3 8.02	+ 7 40.0	2.929	3.741	9.6	21.0

418518 2008 SU_{56} 11 16.6 49.°94 0.°1/16.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.54	+20 1.6	2.143	2.931	14.1	21.7
10 18	3 49.65	+19 48.1	2.070	2.944	11.1	21.5
10 28	3 43.62	+19 27.4	2.018	2.957	7.7	21.3
11 7	3 36.04	+19 0.8	1.993	2.970	3.8	21.1
11 17	3 27.72	+18 30.5	1.996	2.984	0.2	20.8
11 27	3 19.63	+17 59.9	2.028	2.998	4.1	21.2
12 7	3 12.65	+17 32.5	2.088	3.012	7.8	21.4
12 17	3 7.46	+17 11.6	2.175	3.027	11.0	21.7

210872 2001 RL_{126} 11 16.6 80.°35 0.°5/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.35	+18 11.5	1.928	2.717	15.4	20.4
10 18	3 52.87	+18 6.7	1.856	2.731	12.1	20.3
10 28	3 45.95	+17 55.8	1.806	2.745	8.3	20.1
11 7	3 37.24	+17 40.2	1.781	2.759	4.1	19.8
11 17	3 27.67	+17 21.8	1.784	2.772	0.6	19.6
11 27	3 18.35	+17 3.6	1.816	2.786	4.7	19.9
12 7	3 10.33	+16 49.1	1.877	2.800	8.6	20.2
12 17	3 4.36	+16 41.3	1.963	2.813	12.1	20.4

263055 2007 HK_{55} 11 16.6 102.°08 2.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.96	+12 14.7	2.595	3.380	12.0	21.4
10 18	3 49.42	+11 43.4	2.526	3.399	9.4	21.3
10 28	3 43.17	+11 10.3	2.480	3.417	6.5	21.1
11 7	3 35.73	+10 37.7	2.461	3.435	3.6	21.0
11 17	3 27.74	+10 8.4	2.472	3.453	2.5	20.9
11 27	3 19.97	+ 9 45.3	2.514	3.470	4.7	21.1
12 7	3 13.11	+ 9 30.5	2.585	3.487	7.5	21.3
12 17	3 7.71	+ 9 25.4	2.682	3.504	10.1	21.5

193166 2000 KM_{29} 11 16.6 171.°30 0.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.31	+22 31.4	2.011	2.785	15.3	21.4
10 18	3 54.50	+22 17.4	1.924	2.789	12.3	21.2
10 28	3 47.15	+21 53.4	1.858	2.792	8.6	21.0
11 7	3 37.89	+21 20.1	1.819	2.794	4.4	20.7
11 17	3 27.64	+20 39.1	1.807	2.796	0.6	20.4
11 27	3 17.58	+19 54.6	1.826	2.797	4.5	20.7
12 7	3 8.78	+19 11.4	1.874	2.797	8.6	21.0
12 17	3 2.08	+18 34.3	1.947	2.797	12.2	21.2

434308 2004 FW_{80} 11 16.6 209.°29 2.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.31	+13 3.5	2.003	2.791	14.9	21.8
10 18	3 54.48	+12 36.7	1.911	2.785	11.9	21.6
10 28	3 47.17	+12 6.4	1.840	2.779	8.3	21.3
11 7	3 37.93	+11 35.2	1.796	2.771	4.5	21.1
11 17	3 27.65	+11 6.4	1.780	2.763	2.8	21.0
11 27	3 17.42	+10 43.8	1.794	2.754	5.9	21.1
12 7	3 8.34	+10 30.8	1.837	2.745	9.8	21.4
12 17	3 1.25	+10 29.7	1.904	2.734	13.3	21.6

223370 2003 SJ_{43} 11 16.6 3.°62 7.°3/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.27	+ 2 37.7	1.944	2.753	14.6	19.8
10 18	3 47.22	+ 1 6.0	1.875	2.753	11.9	19.6
10 28	3 42.04	− 0 23.4	1.828	2.753	9.3	19.4
11 7	3 35.29	− 1 43.5	1.807	2.754	7.5	19.3
11 17	3 27.76	− 2 47.6	1.812	2.755	7.6	19.3
11 27	3 20.42	− 3 30.2	1.844	2.756	9.6	19.5
12 7	3 14.14	− 3 49.0	1.901	2.758	12.2	19.6
12 17	3 9.60	− 3 44.3	1.979	2.761	14.7	19.8

292280 2006 SE_{126} 11 16.6 34.°74 1.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.53	+15 21.6	1.476	2.292	18.1	19.9
10 18	3 52.06	+15 8.3	1.417	2.307	14.2	19.7
10 28	3 45.68	+14 50.3	1.377	2.323	9.7	19.5
11 7	3 37.18	+14 30.1	1.361	2.340	4.9	19.2
11 17	3 27.70	+14 10.9	1.371	2.358	2.0	19.1
11 27	3 18.60	+13 56.8	1.408	2.376	6.0	19.4
12 7	3 11.12	+13 51.2	1.471	2.395	10.4	19.7
12 17	3 6.07	+13 56.5	1.557	2.415	14.3	20.0

275868 2001 SL_{220} 11 16.6 277.°58 3.°0/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.16	+25 17.3	1.623	2.406	18.1	20.4
10 18	3 56.16	+25 51.3	1.535	2.401	14.7	20.2
10 28	3 48.91	+26 15.0	1.467	2.397	10.7	19.9
11 7	3 39.02	+26 26.2	1.423	2.393	6.3	19.6
11 17	3 27.61	+26 23.3	1.405	2.389	3.1	19.4
11 27	3 16.22	+26 8.3	1.414	2.384	5.6	19.6
12 7	3 6.36	+25 45.9	1.450	2.380	10.1	19.8
12 17	2 59.17	+25 22.2	1.511	2.376	14.2	20.1

189953 2003 UA_{56} 11 16.6 15.°28 4.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.04	+ 9 5.9	2.054	2.860	14.0	20.1
10 18	3 47.74	+ 8 2.5	1.979	2.862	11.1	20.0
10 28	3 42.35	+ 6 57.3	1.926	2.864	8.0	19.8
11 7	3 35.44	+ 5 55.2	1.899	2.867	5.2	19.6
11 17	3 27.78	+ 5 1.2	1.900	2.870	4.8	19.6
11 27	3 20.30	+ 4 20.3	1.930	2.873	7.0	19.7
12 7	3 13.85	+ 3 55.6	1.986	2.877	10.1	19.9
12 17	3 9.10	+ 3 48.1	2.066	2.880	13.0	20.1

154455 2003 CL_{12} 11 16.6 205.°54 4.°0/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.72	+10 30.2	1.798	2.598	15.9	20.7
10 18	3 53.43	+ 9 53.8	1.715	2.595	12.7	20.5
10 28	3 46.53	+ 9 15.4	1.653	2.593	9.0	20.3
11 7	3 37.64	+ 8 38.8	1.617	2.589	5.3	20.0
11 17	3 27.69	+ 8 8.6	1.608	2.586	4.1	20.0
11 27	3 17.86	+ 7 49.0	1.628	2.582	7.0	20.1
12 7	3 9.30	+ 7 43.1	1.674	2.578	10.8	20.4
12 17	3 2.87	+ 7 52.4	1.744	2.573	14.4	20.6

351376 2005 EJ_{61} 11 16.6 282.°18 3.°5/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.73	+29 1.8	1.845	2.614	16.7	20.9
10 18	3 53.17	+29 10.9	1.745	2.600	13.8	20.7
10 28	3 46.69	+29 5.9	1.664	2.586	10.2	20.4
11 7	3 37.86	+28 44.6	1.607	2.572	6.4	20.2
11 17	3 27.67	+28 6.9	1.577	2.558	3.5	20.0
11 27	3 17.47	+27 15.6	1.574	2.543	5.3	20.0
12 7	3 8.57	+26 16.9	1.599	2.529	9.3	20.3
12 17	3 2.04	+25 18.0	1.649	2.515	13.2	20.5

484561 2008 HK_{70} 11 16.6 221.°60 0.°2/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.80	+20 34.4	2.739	3.507	11.8	22.2
10 18	3 50.31	+20 7.9	2.633	3.497	9.4	22.0
10 28	3 43.97	+19 34.0	2.552	3.486	6.5	21.8
11 7	3 36.24	+18 53.8	2.497	3.474	3.3	21.6
11 17	3 27.76	+18 9.3	2.473	3.462	0.3	21.3
11 27	3 19.33	+17 23.7	2.480	3.449	3.7	21.6
12 7	3 11.71	+16 40.6	2.518	3.436	7.0	21.8
12 17	3 5.55	+16 3.6	2.583	3.422	9.9	22.0

480045 2015 BF_{444} 11 16.6 91.°03 3.°9/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 2.86	+27 30.0	1.470	2.251	19.7	21.4
10 18	3 58.42	+28 3.1	1.400	2.262	16.1	21.2
10 28	3 50.45	+28 22.3	1.348	2.274	11.8	20.9
11 7	3 39.73	+28 24.6	1.319	2.285	7.2	20.7
11 17	3 27.61	+28 8.9	1.315	2.296	3.9	20.6
11 27	3 15.81	+27 38.2	1.339	2.307	6.1	20.7
12 7	3 5.93	+26 59.2	1.388	2.318	10.4	21.0
12 17	2 59.05	+26 19.5	1.462	2.329	14.5	21.3

410964 2009 SX_{360} 11 16.6 64.°32 2.°5/14.8 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.00	+15 16.1	2.059	2.853	14.4	21.9
10 18	3 50.57	+14 13.3	2.003	2.882	11.2	21.7
10 28	3 44.08	+13 5.4	1.971	2.912	7.6	21.5
11 7	3 36.20	+11 56.4	1.965	2.941	4.1	21.4
11 17	3 27.77	+10 51.1	1.988	2.970	2.7	21.3
11 27	3 19.76	+ 9 54.3	2.041	3.000	5.5	21.6
12 7	3 12.96	+ 9 10.0	2.123	3.029	8.8	21.8
12 17	3 7.97	+ 8 40.2	2.229	3.057	11.7	22.1

226502 2003 SY_{318} 11 16.6 152.°43 2.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.57	+14 32.8	2.647	3.431	11.8	20.7
10 18	3 48.43	+13 46.6	2.563	3.437	9.2	20.5
10 28	3 42.58	+12 56.2	2.503	3.441	6.4	20.4
11 7	3 35.49	+12 4.0	2.470	3.446	3.4	20.2
11 17	3 27.80	+11 13.5	2.468	3.450	2.2	20.1
11 27	3 20.27	+10 28.4	2.496	3.454	4.6	20.3
12 7	3 13.58	+ 9 51.7	2.554	3.458	7.5	20.5
12 17	3 8.30	+ 9 25.6	2.638	3.462	10.2	20.7

306264 2011 RM_{11} 11 16.6 44.°82 8.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.37	+ 3 10.3	1.502	2.322	17.6	20.1
10 18	3 50.08	+ 1 25.4	1.453	2.338	14.3	20.0
10 28	3 44.15	− 0 15.4	1.425	2.355	11.0	19.8
11 7	3 36.37	− 1 43.0	1.421	2.372	8.8	19.7
11 17	3 27.78	− 2 49.0	1.443	2.389	8.8	19.8
11 27	3 19.63	− 3 27.7	1.490	2.407	11.0	20.0
12 7	3 12.96	− 3 37.5	1.560	2.426	13.9	20.2
12 17	3 8.50	− 3 20.5	1.651	2.444	16.6	20.4

441687 2008 YK_{96} 11 16.6 176.°87 6.°3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.19	+37 53.7	2.033	2.755	16.8	20.9
10 18	3 55.76	+38 17.6	1.943	2.755	14.3	20.8
10 28	3 48.34	+38 23.3	1.872	2.756	11.4	20.6
11 7	3 38.62	+38 7.0	1.823	2.756	8.5	20.4
11 17	3 27.69	+37 26.9	1.801	2.757	6.5	20.3
11 27	3 16.95	+36 25.3	1.806	2.757	6.8	20.3
12 7	3 7.72	+35 8.6	1.840	2.756	9.2	20.4
12 17	3 0.97	+33 45.2	1.899	2.756	12.1	20.6

70877 1999 VL_{160} 11 16.6 133.°35 0.°8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.32	+19 50.2	2.121	2.901	14.5	19.5
10 18	3 52.61	+19 9.2	2.043	2.913	11.4	19.3
10 28	3 45.65	+18 19.4	1.987	2.925	7.8	19.1
11 7	3 37.08	+17 23.0	1.958	2.936	3.9	18.9
11 17	3 27.77	+16 23.6	1.958	2.946	0.9	18.6
11 27	3 18.72	+15 25.9	1.989	2.956	4.6	18.9
12 7	3 10.87	+14 34.8	2.048	2.966	8.3	19.2
12 17	3 4.92	+13 54.0	2.134	2.975	11.6	19.4

407620 2011 CP_{16} 11 16.6 333.°16 3.°0/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.89	+27 45.4	1.999	2.772	15.5	20.8
10 18	3 50.56	+27 58.3	1.906	2.764	12.6	20.6
10 28	3 44.67	+27 59.4	1.832	2.757	9.3	20.3
11 7	3 36.78	+27 47.2	1.783	2.749	5.7	20.1
11 17	3 27.77	+27 21.9	1.761	2.743	3.0	19.9
11 27	3 18.80	+26 46.0	1.767	2.736	4.8	20.0
12 7	3 11.02	+26 4.3	1.801	2.730	8.4	20.2
12 17	3 5.30	+25 22.4	1.860	2.725	11.9	20.4

406107 2006 VB_{10} 11 16.6 314.°03 0.°1/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.53	+21 21.4	1.686	2.489	16.7	20.8
10 18	3 50.04	+21 4.4	1.578	2.461	13.5	20.5
10 28	3 44.69	+20 36.1	1.491	2.433	9.5	20.2
11 7	3 36.97	+19 56.9	1.427	2.405	4.9	19.9
11 17	3 27.76	+19 9.3	1.389	2.378	0.2	19.5
11 27	3 18.38	+18 18.1	1.379	2.351	5.4	19.8
12 7	3 10.18	+17 29.6	1.395	2.325	10.4	20.0
12 17	3 4.26	+16 49.8	1.434	2.299	14.9	20.2

228250 1998 YD_{20} 11 16.6 358.°96 0.°6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.26	+18 17.8	1.838	2.641	15.5	20.2
10 18	3 49.20	+18 10.3	1.756	2.639	12.3	20.0
10 28	3 43.66	+17 56.3	1.695	2.637	8.5	19.7
11 7	3 36.23	+17 37.2	1.658	2.637	4.2	19.5
11 17	3 27.80	+17 15.3	1.648	2.637	0.7	19.2
11 27	3 19.49	+16 54.0	1.667	2.637	4.9	19.5
12 7	3 12.37	+16 37.1	1.712	2.639	9.0	19.8
12 17	3 7.26	+16 27.8	1.782	2.641	12.7	20.0

80914 2000 DE_{63} 11 16.6 183.°65 0.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.28	+20 4.3	1.936	2.718	15.6	21.2
10 18	3 54.59	+19 46.8	1.848	2.718	12.4	20.9
10 28	3 47.31	+19 20.9	1.781	2.718	8.6	20.7
11 7	3 38.04	+18 47.4	1.741	2.718	4.3	20.5
11 17	3 27.73	+18 8.8	1.728	2.717	0.3	20.1
11 27	3 17.57	+17 29.1	1.746	2.715	4.8	20.5
12 7	3 8.69	+16 53.1	1.791	2.713	9.0	20.7
12 17	3 1.93	+16 25.0	1.862	2.710	12.8	21.0

284751 2008 UE_{368} 11 16.6 344.°45 1.°9/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.76	+16 30.4	1.551	2.363	17.5	20.2
10 18	3 51.62	+16 1.8	1.471	2.360	13.9	20.0
10 28	3 45.57	+15 25.8	1.412	2.357	9.6	19.7
11 7	3 37.27	+14 45.1	1.376	2.355	4.9	19.5
11 17	3 27.77	+14 3.9	1.366	2.352	2.1	19.3
11 27	3 18.42	+13 27.6	1.383	2.351	6.2	19.5
12 7	3 10.51	+13 1.2	1.427	2.349	10.8	19.8
12 17	3 5.00	+12 48.1	1.493	2.348	14.9	20.1

407222 2009 VU_{87} 11 16.6 348.°84 2.°5/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.41	+25 45.2	1.897	2.680	15.8	20.8
10 18	3 50.27	+26 1.0	1.808	2.674	12.8	20.6
10 28	3 44.51	+26 6.1	1.739	2.669	9.3	20.4
11 7	3 36.72	+25 59.4	1.694	2.665	5.4	20.1
11 17	3 27.79	+25 41.4	1.677	2.661	2.5	19.9
11 27	3 18.92	+25 14.3	1.687	2.658	4.7	20.1
12 7	3 11.27	+24 42.9	1.724	2.656	8.6	20.3
12 17	3 5.74	+24 12.2	1.787	2.654	12.3	20.5

227226 2005 RV_{29} 11 16.6 6.°59 1.°7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.42	+17 13.9	1.128	1.967	21.0	20.1
10 18	3 50.73	+16 56.2	1.063	1.967	16.7	19.8
10 28	3 45.45	+16 29.6	1.016	1.968	11.5	19.5
11 7	3 37.35	+15 57.0	0.990	1.970	5.8	19.2
11 17	3 27.76	+15 23.0	0.987	1.974	1.8	19.0
11 27	3 18.46	+14 53.9	1.008	1.980	7.0	19.3
12 7	3 11.08	+14 35.5	1.052	1.986	12.5	19.6
12 17	3 6.70	+14 31.5	1.118	1.994	17.3	20.0

392370 2010 GY_{157} 11 16.6 138.°99 0.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.38	+21 14.2	2.203	2.974	14.3	21.8
10 18	3 54.28	+21 17.5	2.121	2.984	11.4	21.6
10 28	3 46.87	+21 13.6	2.062	2.994	7.9	21.4
11 7	3 37.75	+21 2.7	2.029	3.004	4.1	21.2
11 17	3 27.77	+20 45.7	2.025	3.013	0.6	20.9
11 27	3 17.98	+20 25.4	2.051	3.022	4.1	21.2
12 7	3 9.35	+20 5.1	2.107	3.030	7.8	21.5
12 17	3 2.63	+19 48.3	2.189	3.037	11.1	21.7

275421 2011 CJ_9 11 16.6 206.°71 5.°2/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.10	+39 21.5	3.121	3.806	12.1	21.5
10 18	3 53.10	+39 50.8	3.016	3.800	10.4	21.4
10 28	3 46.01	+40 7.5	2.932	3.795	8.5	21.2
11 7	3 37.34	+40 8.9	2.873	3.788	6.6	21.1
11 17	3 27.79	+39 53.6	2.842	3.782	5.4	21.0
11 27	3 18.26	+39 22.3	2.840	3.775	5.5	21.0
12 7	3 9.65	+38 38.2	2.867	3.768	7.0	21.1
12 17	3 2.67	+37 45.6	2.921	3.760	8.9	21.2

189213 2003 UU_{122} 11 16.6 15.°92 10.°3/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 50.65	− 3 43.3	1.474	2.293	17.9	18.7
10 18	3 48.07	− 4 53.9	1.428	2.304	15.1	18.5
10 28	3 42.85	− 5 52.3	1.401	2.316	12.3	18.4
11 7	3 35.77	− 6 30.1	1.396	2.330	10.6	18.3
11 17	3 27.86	− 6 41.4	1.415	2.345	10.5	18.4
11 27	3 20.32	− 6 23.1	1.457	2.362	12.2	18.5
12 7	3 14.21	− 5 36.6	1.521	2.380	14.6	18.7
12 17	3 10.26	− 4 26.3	1.606	2.399	17.1	18.9

305325 2008 AX_{84} 11 16.6 31.°05 1.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.62	+22 0.5	1.741	2.531	16.8	20.5
10 18	3 53.66	+22 22.3	1.662	2.535	13.4	20.3
10 28	3 46.87	+22 36.0	1.604	2.540	9.5	20.1
11 7	3 37.90	+22 41.1	1.570	2.545	5.1	19.8
11 17	3 27.77	+22 37.6	1.563	2.551	1.4	19.6
11 27	3 17.79	+22 27.8	1.585	2.557	4.8	19.8
12 7	3 9.21	+22 15.8	1.633	2.563	9.1	20.1
12 17	3 2.97	+22 5.8	1.706	2.569	13.0	20.4

460488 2014 SR_{304} 11 16.6 326.°07 6.°7/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 2.26	+35 15.6	2.243	2.964	15.4	21.0
10 18	3 57.42	+36 38.1	2.147	2.958	13.2	20.8
10 28	3 49.65	+37 50.0	2.071	2.953	10.6	20.6
11 7	3 39.44	+38 46.1	2.020	2.948	8.2	20.4
11 17	3 27.70	+39 22.0	1.996	2.943	6.7	20.3
11 27	3 15.75	+39 36.2	2.000	2.938	7.2	20.4
12 7	3 4.96	+39 31.4	2.031	2.933	9.3	20.5
12 17	2 56.44	+39 13.0	2.088	2.929	11.9	20.7

242528 2005 AD_{48} 11 16.6 173.°03 2.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.05	+11 47.9	2.570	3.349	12.3	22.4
10 18	3 52.00	+11 17.8	2.484	3.353	9.7	22.2
10 28	3 45.09	+10 45.6	2.421	3.356	6.8	22.1
11 7	3 36.80	+10 13.8	2.386	3.359	3.8	21.9
11 17	3 27.83	+ 9 45.2	2.381	3.361	2.7	21.8
11 27	3 18.99	+ 9 22.7	2.407	3.362	5.0	22.0
12 7	3 11.05	+ 9 8.8	2.462	3.362	8.0	22.2
12 17	3 4.64	+ 9 4.9	2.544	3.362	10.7	22.3

299222 2005 JZ_{86} 11 16.6 138.°36 0.°8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.29	+18 16.6	1.924	2.715	15.3	21.5
10 18	3 52.20	+17 58.4	1.841	2.718	12.1	21.3
10 28	3 45.64	+17 33.3	1.780	2.720	8.4	21.1
11 7	3 37.21	+17 2.7	1.744	2.722	4.2	20.9
11 17	3 27.82	+16 29.5	1.736	2.724	0.9	20.6
11 27	3 18.60	+15 57.4	1.757	2.726	4.9	20.9
12 7	3 10.59	+15 30.6	1.806	2.728	9.0	21.2
12 17	3 4.62	+15 12.6	1.881	2.730	12.6	21.4

103900 2000 DM_{56} 11 16.6 136.°69 5.°4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.95	+ 5 28.4	2.155	2.949	13.8	20.1
10 18	3 50.63	+ 4 24.7	2.084	2.957	11.1	19.9
10 28	3 44.26	+ 3 22.1	2.036	2.965	8.2	19.8
11 7	3 36.41	+ 2 25.8	2.015	2.973	5.9	19.7
11 17	3 27.86	+ 1 40.6	2.022	2.980	5.7	19.7
11 27	3 19.53	+ 1 10.7	2.057	2.987	7.6	19.8
12 7	3 12.25	+ 0 58.3	2.119	2.993	10.3	20.0
12 17	3 6.67	+ 1 3.5	2.205	3.000	13.0	20.2

91756 1999 TT_{189} 11 16.6 321.°23 3.°1/18.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.35	+30 8.9	2.115	2.875	15.1	19.1
10 18	3 50.75	+30 1.6	2.021	2.870	12.4	18.9
10 28	3 44.68	+29 39.7	1.948	2.866	9.2	18.6
11 7	3 36.75	+29 2.4	1.899	2.862	5.8	18.4
11 17	3 27.84	+28 10.5	1.877	2.858	3.2	18.3
11 27	3 19.07	+27 7.7	1.885	2.854	4.6	18.4
12 7	3 11.48	+25 59.7	1.921	2.850	8.0	18.6
12 17	3 5.90	+24 53.0	1.984	2.847	11.4	18.8

419219 2009 UB_{150} 11 16.6 8.°75 4.°1/19.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.45	+32 19.6	1.766	2.535	17.3	20.6
10 18	3 49.74	+32 14.5	1.685	2.537	14.3	20.4
10 28	3 44.21	+31 51.0	1.623	2.540	10.8	20.2
11 7	3 36.57	+31 7.7	1.584	2.544	7.1	19.9
11 17	3 27.86	+30 5.7	1.571	2.548	4.3	19.8
11 27	3 19.40	+28 49.8	1.585	2.554	5.4	19.9
12 7	3 12.40	+27 27.6	1.627	2.560	8.9	20.1
12 17	3 7.73	+26 7.1	1.693	2.567	12.5	20.3

407992 2012 DS_{72} 11 16.6 116.°88 2.°8/14.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 53.11	+12 52.1	2.259	3.053	13.3	22.3
10 18	3 49.21	+12 8.4	2.178	3.057	10.4	22.1
10 28	3 43.31	+11 21.1	2.121	3.061	7.3	21.9
11 7	3 35.96	+10 33.6	2.090	3.064	4.1	21.7
11 17	3 27.89	+ 9 49.4	2.088	3.068	2.9	21.6
11 27	3 19.98	+ 9 12.7	2.115	3.072	5.5	21.8
12 7	3 13.06	+ 8 46.5	2.171	3.075	8.7	22.0
12 17	3 7.77	+ 8 32.9	2.252	3.078	11.6	22.2

324154 2005 YN_{176} 11 16.6 215.°77 0.°2/16.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.30	+20 53.4	2.816	3.583	11.6	22.2
10 18	3 49.90	+20 40.7	2.714	3.576	9.2	22.0
10 28	3 43.70	+20 21.5	2.635	3.568	6.4	21.9
11 7	3 36.15	+19 56.5	2.584	3.560	3.3	21.6
11 17	3 27.89	+19 27.2	2.563	3.551	0.2	21.3
11 27	3 19.66	+18 56.0	2.572	3.542	3.4	21.6
12 7	3 12.22	+18 26.0	2.612	3.533	6.6	21.8
12 17	3 6.19	+18 0.1	2.680	3.523	9.5	22.0

129500 1995 GW_2 11 16.6 273.°23 3.°0/18.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.08	+27 16.8	2.512	3.262	13.3	20.5
10 18	3 53.49	+27 51.2	2.397	3.241	10.9	20.3
10 28	3 46.57	+28 17.9	2.305	3.221	8.1	20.1
11 7	3 37.78	+28 34.9	2.238	3.200	5.1	19.9
11 17	3 27.82	+28 41.0	2.200	3.179	3.0	19.7
11 27	3 17.69	+28 36.6	2.193	3.158	4.4	19.8
12 7	3 8.41	+28 24.3	2.215	3.137	7.5	20.0
12 17	3 0.85	+28 8.0	2.264	3.115	10.7	20.1

398574 2011 WZ_{38} 11 16.6 99.°86 0.°6/16.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.78	+21 52.5	1.968	2.750	15.3	21.3
10 18	3 52.58	+21 47.3	1.887	2.757	12.2	21.1
10 28	3 45.90	+21 33.3	1.827	2.763	8.5	20.9
11 7	3 37.35	+21 10.9	1.793	2.769	4.4	20.7
11 17	3 27.87	+20 41.9	1.787	2.775	0.6	20.4
11 27	3 18.57	+20 9.6	1.810	2.781	4.4	20.7
12 7	3 10.52	+19 38.3	1.861	2.787	8.4	21.0
12 17	3 4.51	+19 12.4	1.938	2.793	12.0	21.2

246791 2009 DF_{99} 11 16.6 128.°35 1.°9/15.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.61	+14 48.1	2.095	2.885	14.3	21.2
10 18	3 52.12	+14 24.6	2.017	2.893	11.3	21.0
10 28	3 45.41	+13 57.0	1.962	2.901	7.8	20.8
11 7	3 37.05	+13 27.6	1.932	2.909	4.0	20.6
11 17	3 27.88	+12 59.2	1.931	2.916	2.0	20.5
11 27	3 18.92	+12 35.5	1.960	2.924	5.1	20.7
12 7	3 11.08	+12 19.4	2.017	2.930	8.7	21.0
12 17	3 5.09	+12 13.2	2.100	2.937	12.0	21.2

138287 2000 GB_{33} 11 16.6 302.°31 1.°5/15.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 53.64	+18 7.0	1.801	2.602	15.8	20.3
10 18	3 50.42	+17 28.0	1.709	2.592	12.6	20.1
10 28	3 44.61	+16 39.8	1.639	2.582	8.7	19.8
11 7	3 36.80	+15 45.0	1.594	2.573	4.4	19.6
11 17	3 27.89	+14 47.5	1.576	2.563	1.6	19.3
11 27	3 19.06	+13 53.1	1.586	2.554	5.6	19.6
12 7	3 11.44	+13 7.2	1.624	2.544	9.9	19.8
12 17	3 5.91	+12 34.2	1.686	2.535	13.8	20.0

359966 2012 BP_{129} 11 16.6 19.°87 1.°7/14.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 45.70	+10 46.9	4.427	5.208	7.5	21.3
10 18	3 42.44	+10 26.9	4.337	5.208	5.8	21.1
10 28	3 38.21	+10 6.4	4.273	5.208	4.1	21.0
11 7	3 33.30	+ 9 46.8	4.236	5.208	2.4	20.9
11 17	3 28.04	+ 9 29.4	4.230	5.208	1.8	20.8
11 27	3 22.83	+ 9 15.9	4.256	5.208	3.1	20.9
12 7	3 18.05	+ 9 7.3	4.311	5.208	4.9	21.1
12 17	3 14.01	+ 9 4.6	4.393	5.208	6.6	21.2

484193 2006 VE_{103} 11 16.6 336.°73 2.°1/17.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 53.53	+25 24.9	1.694	2.485	17.1	21.3
10 18	3 50.72	+25 27.2	1.604	2.476	13.9	21.1
10 28	3 45.04	+25 16.8	1.534	2.468	10.0	20.8
11 7	3 37.10	+24 53.1	1.487	2.460	5.6	20.6
11 17	3 27.88	+24 17.1	1.467	2.453	2.1	20.3
11 27	3 18.72	+23 32.6	1.474	2.447	5.0	20.5
12 7	3 10.92	+22 45.6	1.508	2.441	9.4	20.8
12 17	3 5.46	+22 2.3	1.565	2.435	13.5	21.0

220123 2002 TR_{60} 11 16.6 349.°14 19.°7/17.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 4.72	−21 8.0	1.007	1.789	26.8	18.0
10 18	4 1.15	−21 25.6	0.945	1.773	24.7	17.8
10 28	3 53.09	−21 2.9	0.894	1.760	22.4	17.6
11 7	3 41.41	−19 44.0	0.859	1.748	20.5	17.4
11 17	3 27.71	−17 18.6	0.841	1.739	19.7	17.3
11 27	3 14.27	−13 47.3	0.843	1.733	20.4	17.3
12 7	3 3.20	− 9 24.8	0.867	1.729	22.5	17.5
12 17	2 55.91	− 4 33.1	0.911	1.728	25.3	17.6

170480 2003 UC_{266} 11 16.6 329.°29 3.°0/17.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.79	+22 53.5	1.518	2.314	18.5	19.9
10 18	3 55.48	+23 51.2	1.426	2.301	15.1	19.6
10 28	3 48.78	+24 43.3	1.354	2.288	11.0	19.3
11 7	3 39.19	+25 26.7	1.305	2.277	6.4	19.1
11 17	3 27.80	+25 58.5	1.281	2.266	3.1	18.8
11 27	3 16.20	+26 18.4	1.285	2.255	6.0	19.0
12 7	3 6.07	+26 29.1	1.314	2.246	10.7	19.2
12 17	2 58.71	+26 35.5	1.367	2.237	15.1	19.5

520694 2014 QY_{462} 11 16.6 321.°02 1.°2/15.9 15

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.63	+17 20.7	1.986	2.784	14.7	21.5
10 18	3 49.39	+17 0.9	1.892	2.773	11.7	21.3
10 28	3 43.78	+16 34.6	1.821	2.763	8.1	21.1
11 7	3 36.36	+16 3.8	1.774	2.753	4.1	20.8
11 17	3 27.92	+15 31.1	1.755	2.743	1.3	20.6
11 27	3 19.52	+15 0.5	1.765	2.733	5.0	20.8
12 7	3 12.18	+14 35.9	1.802	2.724	9.0	21.1
12 17	3 6.72	+14 20.6	1.864	2.715	12.6	21.3

351793 2006 HP_{72} 11 16.6 212.°37 3.°0/15.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.37	+12 40.0	1.886	2.685	15.3	21.3
10 18	3 52.30	+12 7.7	1.802	2.683	12.2	21.1
10 28	3 45.75	+11 32.0	1.740	2.681	8.5	20.8
11 7	3 37.32	+10 56.0	1.703	2.678	4.7	20.6
11 17	3 27.90	+10 23.6	1.694	2.675	3.2	20.5
11 27	3 18.60	+ 9 59.0	1.713	2.673	6.2	20.7
12 7	3 10.49	+ 9 45.6	1.760	2.670	10.0	20.9
12 17	3 4.39	+ 9 45.3	1.831	2.667	13.5	21.1

183121 2002 RV_{172} 11 16.6 144.°88 0.°7/16.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.69	+19 42.4	1.731	2.521	16.8	21.0
10 18	3 55.12	+19 11.7	1.654	2.529	13.4	20.8
10 28	3 47.77	+18 31.3	1.597	2.537	9.2	20.6
11 7	3 38.33	+17 43.1	1.565	2.543	4.6	20.3
11 17	3 27.87	+16 50.7	1.561	2.550	0.8	20.0
11 27	3 17.68	+15 59.4	1.586	2.556	5.3	20.4
12 7	3 8.96	+15 14.8	1.639	2.561	9.7	20.7
12 17	3 2.58	+14 41.4	1.717	2.566	13.6	20.9

400134 2006 UM_{177} 11 16.6 16.°05 2.°2/15.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.80	+13 33.0	1.556	2.369	17.4	20.4
10 18	3 52.36	+13 33.2	1.484	2.373	13.8	20.2
10 28	3 46.04	+13 31.2	1.432	2.377	9.6	20.0
11 7	3 37.54	+13 29.2	1.404	2.383	5.0	19.7
11 17	3 27.90	+13 29.4	1.403	2.389	2.3	19.6
11 27	3 18.46	+13 34.8	1.428	2.396	6.0	19.8
12 7	3 10.48	+13 47.9	1.480	2.403	10.5	20.1
12 17	3 4.86	+14 10.0	1.555	2.411	14.4	20.4

213367 2001 TS_{173} 11 16.6 81.°32 2.°4/15.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.50	+14 45.7	1.970	2.768	14.8	20.8
10 18	3 50.64	+14 6.8	1.892	2.773	11.7	20.6
10 28	3 44.48	+13 22.7	1.837	2.778	8.0	20.4
11 7	3 36.63	+12 36.6	1.807	2.784	4.3	20.2
11 17	3 27.94	+11 52.4	1.805	2.789	2.5	20.1
11 27	3 19.45	+11 14.6	1.832	2.794	5.6	20.3
12 7	3 12.13	+10 46.9	1.887	2.800	9.3	20.5
12 17	3 6.69	+10 31.9	1.967	2.805	12.6	20.8

13597 1994 PH_{18} 11 16.6 169.°59 1.°3/15.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.52	+17 26.2	1.951	2.736	15.4	20.0
10 18	3 54.69	+16 59.2	1.867	2.741	12.2	19.8
10 28	3 47.34	+16 25.2	1.805	2.744	8.4	19.6
11 7	3 38.10	+15 46.4	1.769	2.747	4.2	19.3
11 17	3 27.89	+15 5.6	1.762	2.749	1.4	19.1
11 27	3 17.87	+14 27.4	1.784	2.751	5.1	19.4
12 7	3 9.11	+13 55.9	1.835	2.751	9.2	19.6
12 17	3 2.43	+13 34.6	1.911	2.752	12.8	19.9

23077 1999 XZ_{93} 11 16.6 15.°40 9.°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.72	− 3 2.5	1.444	2.253	18.7	17.0
10 18	3 53.07	− 3 43.7	1.384	2.257	15.6	16.8
10 28	3 46.49	− 4 12.6	1.344	2.261	12.5	16.7
11 7	3 37.73	− 4 21.8	1.325	2.267	10.2	16.5
11 17	3 27.90	− 4 5.8	1.330	2.273	9.8	16.5
11 27	3 18.39	− 3 22.3	1.360	2.280	11.6	16.7
12 7	3 10.44	− 2 13.1	1.413	2.288	14.5	16.9
12 17	3 4.92	− 0 42.9	1.488	2.296	17.5	17.1

352888 2008 YQ_{34} 11 16.6 259.°14 2.°3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.18	+14 32.4	1.971	2.766	14.9	21.8
10 18	3 52.22	+14 4.7	1.873	2.752	11.9	21.6
10 28	3 45.78	+13 31.9	1.797	2.738	8.3	21.3
11 7	3 37.41	+12 56.7	1.747	2.723	4.4	21.1
11 17	3 27.92	+12 22.3	1.724	2.708	2.4	20.9
11 27	3 18.42	+11 52.9	1.730	2.693	5.7	21.1
12 7	3 10.00	+11 32.5	1.764	2.678	9.7	21.3
12 17	3 3.52	+11 23.9	1.823	2.662	13.4	21.5

387765 2003 SO_{321} 11 16.6 110.°09 0.°1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.76	+19 52.2	1.877	2.663	15.9	21.7
10 18	3 54.21	+19 49.7	1.800	2.673	12.6	21.5
10 28	3 47.06	+19 39.8	1.745	2.682	8.7	21.2
11 7	3 37.97	+19 23.2	1.714	2.692	4.4	21.0
11 17	3 27.91	+19 1.6	1.712	2.701	0.2	20.7
11 27	3 18.07	+18 38.4	1.739	2.710	4.7	21.1
12 7	3 9.57	+18 17.4	1.794	2.718	8.8	21.3
12 17	3 3.23	+18 2.4	1.874	2.727	12.5	21.6

427137 2014 UW_{132} 11 16.6 250.°03 2.°2/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.53	+14 34.3	2.507	3.297	12.2	21.1
10 18	3 47.84	+13 47.3	2.417	3.294	9.6	20.9
10 28	3 42.34	+12 55.5	2.351	3.291	6.6	20.7
11 7	3 35.51	+12 1.7	2.312	3.288	3.6	20.5
11 17	3 28.00	+11 9.5	2.302	3.285	2.3	20.5
11 27	3 20.60	+10 22.7	2.323	3.281	4.9	20.6
12 7	3 14.04	+ 9 44.9	2.372	3.278	7.9	20.8
12 17	3 8.94	+ 9 18.4	2.447	3.274	10.8	21.0

126671 2002 CJ_{215} 11 16.6 164.°50 1.°0/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.14	+17 43.6	2.096	2.879	14.5	21.0
10 18	3 53.43	+17 22.7	2.012	2.884	11.5	20.8
10 28	3 46.38	+16 55.4	1.950	2.888	7.9	20.6
11 7	3 37.60	+16 23.5	1.914	2.891	4.0	20.4
11 17	3 27.93	+15 49.4	1.906	2.894	1.1	20.2
11 27	3 18.42	+15 16.9	1.929	2.897	4.7	20.4
12 7	3 10.07	+14 49.8	1.981	2.899	8.6	20.7
12 17	3 3.64	+14 31.3	2.058	2.900	12.0	20.9

313585 2003 FK_{44} 11 16.6 208.°08 3.°0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.99	+28 4.3	2.129	2.889	15.0	21.3
10 18	3 52.83	+28 21.2	2.038	2.889	12.3	21.1
10 28	3 46.16	+28 26.8	1.969	2.889	9.0	20.9
11 7	3 37.56	+28 19.7	1.924	2.888	5.6	20.7
11 17	3 27.93	+27 59.7	1.907	2.888	3.1	20.5
11 27	3 18.38	+27 28.9	1.919	2.887	4.7	20.6
12 7	3 10.01	+26 51.9	1.960	2.887	8.0	20.8
12 17	3 3.67	+26 13.7	2.026	2.886	11.4	21.0

131399 2001 KN_{65} 11 16.6 235.°69 4.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.47	+ 4 54.8	2.670	3.455	11.7	20.5
10 18	3 49.25	+ 4 18.2	2.577	3.445	9.4	20.4
10 28	3 43.27	+ 3 43.3	2.507	3.434	7.0	20.2
11 7	3 36.00	+ 3 13.5	2.465	3.424	5.0	20.1
11 17	3 28.02	+ 2 52.1	2.452	3.413	4.6	20.0
11 27	3 20.08	+ 2 41.9	2.468	3.401	6.3	20.1
12 7	3 12.90	+ 2 44.6	2.512	3.390	8.8	20.2
12 17	3 7.08	+ 3 0.6	2.582	3.378	11.2	20.4

378025 2006 SX_{321} 11 16.6 351.°83 2.°4/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.44	+22 9.1	1.284	2.094	20.6	20.8
10 18	3 56.36	+22 50.6	1.207	2.091	16.7	20.5
10 28	3 49.53	+23 24.1	1.148	2.088	11.9	20.2
11 7	3 39.61	+23 47.0	1.111	2.086	6.6	19.9
11 17	3 27.88	+23 57.7	1.098	2.085	2.4	19.7
11 27	3 16.20	+23 57.8	1.111	2.084	6.2	19.9
12 7	3 6.37	+23 52.2	1.149	2.084	11.5	20.2
12 17	2 59.72	+23 46.7	1.209	2.084	16.3	20.5

115376 2003 SH_{262} 11 16.6 191.°18 3.°6/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.10	+27 53.1	1.729	2.495	17.8	20.9
10 18	3 58.38	+28 20.1	1.641	2.494	14.6	20.7
10 28	3 50.42	+28 34.7	1.572	2.493	10.8	20.4
11 7	3 39.88	+28 33.9	1.526	2.491	6.7	20.2
11 17	3 27.88	+28 16.5	1.508	2.489	3.7	20.0
11 27	3 15.95	+27 44.6	1.518	2.486	5.6	20.1
12 7	3 5.59	+27 4.1	1.555	2.482	9.7	20.4
12 17	2 57.88	+26 22.1	1.618	2.478	13.7	20.6

195197 2002 CG_{291} 11 16.6 73.°14 1.°8/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.94	+16 27.8	1.621	2.422	17.3	19.6
10 18	3 54.47	+16 0.7	1.561	2.443	13.6	19.4
10 28	3 47.23	+15 27.4	1.522	2.465	9.3	19.2
11 7	3 38.03	+14 50.7	1.508	2.486	4.7	19.0
11 17	3 27.96	+14 14.2	1.520	2.507	1.9	18.8
11 27	3 18.33	+13 42.7	1.562	2.528	5.7	19.1
12 7	3 10.28	+13 20.4	1.630	2.549	9.9	19.4
12 17	3 4.58	+13 9.8	1.722	2.570	13.6	19.7

241476 2009 BD_{18} 11 16.6 57.°18 0.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.09	+21 41.0	1.768	2.558	16.5	21.4
10 18	3 53.20	+21 37.8	1.687	2.561	13.2	21.1
10 28	3 46.56	+21 25.2	1.626	2.563	9.2	20.9
11 7	3 37.82	+21 3.6	1.589	2.566	4.8	20.7
11 17	3 27.98	+20 34.7	1.580	2.568	0.6	20.4
11 27	3 18.30	+20 2.3	1.599	2.571	4.8	20.7
12 7	3 9.99	+19 31.1	1.646	2.574	9.2	20.9
12 17	3 3.94	+19 6.0	1.717	2.577	13.1	21.2

357307 2003 AV_{49} 11 16.6 278.°81 5.°7/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.68	+36 1.2	2.062	2.795	16.3	20.7
10 18	3 53.86	+36 22.7	1.960	2.783	13.8	20.5
10 28	3 47.18	+36 27.7	1.878	2.771	10.9	20.3
11 7	3 38.22	+36 12.4	1.819	2.760	8.0	20.1
11 17	3 27.96	+35 35.3	1.786	2.748	5.9	19.9
11 27	3 17.73	+34 38.1	1.781	2.736	6.4	19.9
12 7	3 8.82	+33 26.7	1.803	2.724	9.0	20.1
12 17	3 2.23	+32 9.0	1.851	2.712	12.2	20.2

513264 2006 SA_{75} 11 16.6 16.°18 2.°9/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.68	+22 58.5	1.233	2.044	21.2	21.1
10 18	3 56.62	+23 44.9	1.163	2.046	17.2	20.9
10 28	3 49.72	+24 22.0	1.110	2.049	12.3	20.6
11 7	3 39.69	+24 46.8	1.079	2.053	7.0	20.3
11 17	3 27.91	+24 57.7	1.072	2.058	2.9	20.1
11 27	3 16.30	+24 56.1	1.091	2.063	6.3	20.3
12 7	3 6.69	+24 47.5	1.133	2.069	11.5	20.7
12 17	3 0.35	+24 38.3	1.198	2.076	16.2	21.0

129099 Spoelhof 11 16.6 259.°57 3.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.87	+10 38.8	2.524	3.314	12.2	20.5
10 18	3 48.98	+ 9 59.8	2.424	3.299	9.7	20.3
10 28	3 43.21	+ 9 18.4	2.347	3.284	6.8	20.1
11 7	3 36.03	+ 8 37.8	2.297	3.268	4.1	20.0
11 17	3 28.06	+ 8 1.4	2.277	3.253	3.3	19.9
11 27	3 20.10	+ 7 32.5	2.286	3.237	5.5	20.0
12 7	3 12.93	+ 7 14.2	2.323	3.221	8.5	20.2
12 17	3 7.20	+ 7 8.0	2.387	3.204	11.4	20.3

71233 2000 AC 11 16.6 5.°78 7.°4/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 46.34	+ 6 37.8	0.947	1.814	21.9	17.1
10 18	3 46.22	+ 5 58.0	0.897	1.814	17.6	16.9
10 28	3 42.49	+ 5 22.3	0.864	1.816	12.9	16.6
11 7	3 35.98	+ 4 58.8	0.849	1.822	8.7	16.4
11 17	3 28.06	+ 4 54.6	0.855	1.830	7.5	16.4
11 27	3 20.51	+ 5 14.5	0.883	1.841	10.6	16.6
12 7	3 14.90	+ 5 58.5	0.932	1.855	15.1	16.9
12 17	3 12.23	+ 7 3.5	0.999	1.870	19.3	17.2

198481 2004 XV_{41} 11 16.6 264.°57 0.°7/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.86	+22 21.5	2.562	3.332	12.5	20.8
10 18	3 49.88	+22 14.2	2.456	3.319	10.0	20.6
10 28	3 43.91	+21 59.4	2.372	3.304	7.0	20.4
11 7	3 36.41	+21 37.2	2.315	3.290	3.7	20.2
11 17	3 28.05	+21 8.9	2.287	3.275	0.7	19.9
11 27	3 19.69	+20 37.2	2.290	3.261	3.7	20.1
12 7	3 12.16	+20 5.3	2.321	3.246	7.1	20.3
12 17	3 6.16	+19 36.8	2.380	3.231	10.2	20.5

441810 2009 HD_{99} 11 16.6 127.°45 0.°2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.98	+19 34.8	2.151	2.932	14.3	22.0
10 18	3 52.49	+19 26.3	2.070	2.940	11.3	21.8
10 28	3 45.73	+19 11.0	2.011	2.947	7.8	21.6
11 7	3 37.30	+18 49.9	1.977	2.954	3.9	21.4
11 17	3 28.03	+18 24.9	1.973	2.961	0.2	21.1
11 27	3 18.93	+17 59.0	1.998	2.968	4.2	21.4
12 7	3 10.95	+17 35.8	2.052	2.975	8.0	21.7
12 17	3 4.84	+17 18.5	2.132	2.981	11.3	21.9

482578 2012 XK_{38} 11 16.6 325.°38 0.°9/16.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.51	+18 33.8	1.465	2.281	18.1	21.8
10 18	3 51.09	+18 17.2	1.377	2.268	14.5	21.5
10 28	3 45.55	+17 51.4	1.308	2.254	10.1	21.2
11 7	3 37.51	+17 18.1	1.262	2.241	5.1	20.9
11 17	3 28.01	+16 40.6	1.241	2.229	1.0	20.6
11 27	3 18.50	+16 4.0	1.247	2.218	6.0	20.9
12 7	3 10.43	+15 34.3	1.278	2.207	11.1	21.1
12 17	3 4.90	+15 16.1	1.331	2.197	15.7	21.4

309567 2008 AH_{36} 11 16.6 353.°76 1.°6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.51	+24 28.3	1.800	2.586	16.4	21.0
10 18	3 52.02	+24 27.4	1.714	2.584	13.3	20.8
10 28	3 45.80	+24 15.2	1.649	2.583	9.4	20.6
11 7	3 37.47	+23 51.2	1.609	2.582	5.2	20.3
11 17	3 28.02	+23 16.9	1.595	2.582	1.7	20.1
11 27	3 18.70	+22 36.0	1.609	2.581	4.7	20.3
12 7	3 10.70	+21 53.8	1.650	2.581	9.0	20.6
12 17	3 4.94	+21 15.8	1.717	2.581	12.8	20.8

422724 2001 FK_{58} 11 16.7 164.°34 0.°8/16.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.68	+17 41.2	2.460	3.224	13.1	22.9
10 18	3 55.80	+17 24.9	2.372	3.233	10.4	22.7
10 28	3 47.82	+17 3.3	2.308	3.241	7.1	22.5
11 7	3 38.30	+16 37.4	2.272	3.248	3.6	22.3
11 17	3 28.01	+16 9.1	2.266	3.254	0.9	22.1
11 27	3 17.89	+15 41.5	2.292	3.259	4.2	22.3
12 7	3 8.81	+15 17.7	2.349	3.262	7.6	22.6
12 17	3 1.47	+15 0.6	2.432	3.264	10.7	22.8

477845 2011 FJ_{81} 11 16.7 290.°88 1.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.29	+17 30.1	1.494	2.305	18.1	21.8
10 18	3 53.29	+17 6.6	1.400	2.288	14.5	21.5
10 28	3 47.12	+16 34.3	1.326	2.271	10.1	21.2
11 7	3 38.34	+15 55.2	1.275	2.254	5.2	20.9
11 17	3 28.00	+15 12.8	1.249	2.237	1.7	20.6
11 27	3 17.57	+14 32.9	1.251	2.220	6.4	20.9
12 7	3 8.57	+14 1.4	1.278	2.203	11.6	21.2
12 17	3 2.13	+13 43.1	1.327	2.186	16.2	21.4

290806 2005 VX_{93} 11 16.7 268.°28 2.°6/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.73	+14 45.7	1.707	2.510	16.5	20.9
10 18	3 53.09	+14 13.4	1.613	2.497	13.2	20.7
10 28	3 46.65	+13 34.9	1.540	2.483	9.2	20.4
11 7	3 37.98	+12 53.2	1.492	2.469	4.9	20.1
11 17	3 28.02	+12 12.4	1.470	2.455	2.7	20.0
11 27	3 18.04	+11 37.6	1.477	2.441	6.4	20.2
12 7	3 9.33	+11 13.6	1.510	2.426	10.9	20.4
12 17	3 2.85	+11 3.6	1.567	2.412	14.9	20.6

489292 2006 SJ_{218} 11 16.7 41.°15 2.°0/17.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.35	+24 23.8	1.540	2.334	18.4	21.5
10 18	3 53.68	+24 34.7	1.477	2.352	14.7	21.3
10 28	3 46.97	+24 33.6	1.434	2.370	10.4	21.1
11 7	3 38.03	+24 20.1	1.415	2.388	5.8	20.9
11 17	3 28.02	+23 55.2	1.421	2.407	2.0	20.7
11 27	3 18.40	+23 23.0	1.454	2.427	5.1	21.0
12 7	3 10.46	+22 49.2	1.514	2.447	9.5	21.3
12 17	3 5.08	+22 19.3	1.598	2.467	13.4	21.6

160323 2003 MZ_8 11 16.7 128.°21 2.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.45	+13 55.6	2.011	2.800	14.8	20.8
10 18	3 53.63	+13 22.9	1.937	2.813	11.7	20.6
10 28	3 46.49	+12 46.4	1.886	2.825	8.1	20.4
11 7	3 37.66	+12 8.8	1.861	2.837	4.3	20.2
11 17	3 28.04	+11 33.6	1.865	2.849	2.6	20.1
11 27	3 18.68	+11 4.7	1.899	2.860	5.5	20.3
12 7	3 10.55	+10 45.4	1.961	2.870	9.2	20.6
12 17	3 4.36	+10 37.8	2.048	2.880	12.4	20.8

294485 2007 WW_7 11 16.7 247.°87 2.°6/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.81	+28 48.8	2.099	2.859	15.2	20.7
10 18	3 52.79	+28 35.9	1.997	2.848	12.5	20.5
10 28	3 46.22	+28 8.8	1.917	2.838	9.1	20.3
11 7	3 37.67	+27 26.5	1.861	2.827	5.5	20.1
11 17	3 28.04	+26 30.1	1.833	2.816	2.6	19.8
11 27	3 18.48	+25 23.3	1.835	2.805	4.5	20.0
12 7	3 10.11	+24 12.3	1.865	2.793	8.3	20.2
12 17	3 3.79	+23 3.7	1.922	2.782	11.9	20.4

195440 2002 GB_{73} 11 16.7 184.°00 2.°0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.90	+14 42.6	1.916	2.709	15.3	20.5
10 18	3 53.53	+14 25.2	1.832	2.710	12.2	20.3
10 28	3 46.64	+14 3.6	1.769	2.710	8.4	20.1
11 7	3 37.84	+13 40.1	1.732	2.709	4.4	19.8
11 17	3 28.04	+13 17.5	1.723	2.709	2.1	19.7
11 27	3 18.36	+12 59.2	1.743	2.708	5.5	19.9
12 7	3 9.88	+12 48.6	1.791	2.707	9.5	20.2
12 17	3 3.45	+12 48.2	1.864	2.705	13.0	20.4

186232 2001 XX_{83} 11 16.7 279.°85 6.°0/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.43	+ 2 17.7	2.077	2.868	14.4	20.1
10 18	3 52.14	+ 1 49.6	1.990	2.859	11.7	19.9
10 28	3 45.58	+ 1 26.6	1.925	2.849	8.9	19.7
11 7	3 37.30	+ 1 12.8	1.885	2.839	6.6	19.5
11 17	3 28.06	+ 1 12.2	1.872	2.830	6.1	19.5
11 27	3 18.87	+ 1 27.6	1.888	2.820	8.0	19.6
12 7	3 10.70	+ 1 59.8	1.930	2.811	10.9	19.8
12 17	3 4.32	+ 2 47.9	1.997	2.801	13.8	19.9

189915 2003 SM_{138} 11 16.7 336.°12 1.°0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.06	+19 10.5	2.102	2.895	14.1	19.5
10 18	3 48.75	+18 30.8	2.013	2.891	11.2	19.3
10 28	3 43.25	+17 42.5	1.946	2.887	7.7	19.1
11 7	3 36.10	+16 47.8	1.905	2.883	3.9	18.9
11 17	3 28.11	+15 50.3	1.892	2.880	1.1	18.6
11 27	3 20.23	+14 54.6	1.908	2.876	4.7	18.9
12 7	3 13.41	+14 5.7	1.953	2.873	8.5	19.1
12 17	3 8.34	+13 27.4	2.023	2.871	11.9	19.3

25096 1998 RW_{46} 11 16.7 36.°91 0.°9/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.44	+23 35.9	1.108	1.932	22.3	17.8
10 18	3 53.83	+23 14.4	1.058	1.951	17.7	17.6
10 28	3 47.45	+22 36.5	1.026	1.971	12.3	17.4
11 7	3 38.33	+21 43.9	1.014	1.992	6.3	17.1
11 17	3 28.04	+20 41.4	1.026	2.014	0.9	16.8
11 27	3 18.41	+19 37.2	1.063	2.037	6.1	17.3
12 7	3 10.99	+18 40.0	1.124	2.061	11.5	17.6
12 17	3 6.69	+17 56.5	1.207	2.085	16.1	18.0

112714 2002 PX_{111} 11 16.7 30.°89 0.°4/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.77	+20 15.8	1.551	2.354	17.9	19.8
10 18	3 53.27	+20 23.2	1.479	2.361	14.3	19.6
10 28	3 46.77	+20 22.4	1.428	2.369	9.9	19.4
11 7	3 37.99	+20 13.8	1.400	2.378	5.1	19.1
11 17	3 28.05	+19 58.7	1.398	2.387	0.5	18.8
11 27	3 18.35	+19 40.8	1.424	2.397	5.2	19.2
12 7	3 10.20	+19 24.4	1.476	2.407	9.8	19.5
12 17	3 4.54	+19 13.9	1.552	2.417	13.9	19.8

382046 2011 DX_{10} 11 16.7 248.°49 0.°0/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.78	+20 47.4	1.774	2.563	16.6	22.1
10 18	3 54.76	+20 31.4	1.675	2.549	13.3	21.8
10 28	3 47.84	+20 5.5	1.597	2.535	9.3	21.6
11 7	3 38.61	+19 30.2	1.543	2.520	4.8	21.3
11 17	3 28.02	+18 47.8	1.517	2.505	0.2	20.9
11 27	3 17.40	+18 2.7	1.519	2.490	5.2	21.2
12 7	3 8.06	+17 20.5	1.549	2.474	9.9	21.5
12 17	3 1.03	+16 46.6	1.603	2.457	14.1	21.7

37516 2027 $T\text{-}_3$ 11 16.7 179.°74 3.°2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.87	+27 20.0	1.683	2.453	18.0	19.5
10 18	3 58.21	+27 37.4	1.598	2.454	14.8	19.3
10 28	3 50.31	+27 41.6	1.531	2.455	10.8	19.1
11 7	3 39.85	+27 30.4	1.488	2.456	6.5	18.8
11 17	3 27.98	+27 3.2	1.473	2.455	3.3	18.6
11 27	3 16.25	+26 23.0	1.485	2.455	5.5	18.8
12 7	3 6.14	+25 36.1	1.525	2.453	9.8	19.0
12 17	2 58.70	+24 49.8	1.590	2.451	13.8	19.2

511872 2015 GQ_{28} 11 16.7 150.°73 0.°5/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.60	+22 21.4	1.954	2.729	15.7	22.6
10 18	3 55.61	+22 4.1	1.873	2.738	12.5	22.4
10 28	3 48.02	+21 36.7	1.813	2.746	8.8	22.2
11 7	3 38.51	+20 59.9	1.778	2.754	4.5	21.9
11 17	3 28.05	+20 15.8	1.772	2.761	0.5	21.6
11 27	3 17.83	+19 28.7	1.796	2.767	4.5	22.0
12 7	3 8.96	+18 43.7	1.849	2.773	8.7	22.2
12 17	3 2.24	+18 5.6	1.928	2.778	12.3	22.5

392339 2010 EU_{112} 11 16.7 193.°40 2.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.63	+25 13.9	2.154	2.915	14.9	22.0
10 18	3 55.68	+25 35.0	2.060	2.913	12.1	21.8
10 28	3 48.16	+25 47.2	1.987	2.911	8.7	21.6
11 7	3 38.66	+25 49.1	1.940	2.909	5.1	21.4
11 17	3 28.04	+25 40.3	1.922	2.906	2.3	21.2
11 27	3 17.46	+25 22.5	1.933	2.903	4.5	21.3
12 7	3 8.03	+24 59.6	1.974	2.899	8.1	21.6
12 17	3 0.65	+24 36.0	2.041	2.894	11.6	21.8

143099 2002 XW_{18} 11 16.7 230.°78 2.°4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.22	+12 26.0	2.116	2.906	14.2	20.1
10 18	3 52.78	+12 16.7	2.026	2.901	11.3	19.9
10 28	3 46.05	+12 5.7	1.958	2.896	7.9	19.7
11 7	3 37.55	+11 55.1	1.915	2.891	4.3	19.5
11 17	3 28.09	+11 47.3	1.902	2.885	2.5	19.4
11 27	3 18.67	+11 44.8	1.918	2.880	5.4	19.5
12 7	3 10.30	+11 50.0	1.962	2.874	9.0	19.8
12 17	3 3.74	+12 4.3	2.032	2.868	12.3	20.0

518032 2015 WX_{18} 11 16.7 48.°28 4.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.63	+ 6 50.9	1.868	2.666	15.5	20.6
10 18	3 53.14	+ 6 41.7	1.800	2.678	12.3	20.5
10 28	3 46.24	+ 6 35.6	1.754	2.690	8.8	20.3
11 7	3 37.59	+ 6 35.8	1.733	2.702	5.6	20.1
11 17	3 28.09	+ 6 44.9	1.740	2.714	4.4	20.1
11 27	3 18.84	+ 7 4.9	1.775	2.727	6.8	20.2
12 7	3 10.84	+ 7 36.6	1.838	2.740	10.1	20.5
12 17	3 4.85	+ 8 19.4	1.925	2.753	13.2	20.7

65359 2002 ON_{10} 11 16.7 39.°28 2.°5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.80	+14 16.8	1.585	2.396	17.2	19.2
10 18	3 52.25	+13 52.1	1.517	2.405	13.6	19.0
10 28	3 45.91	+13 23.1	1.470	2.414	9.4	18.8
11 7	3 37.51	+12 52.8	1.446	2.424	4.9	18.5
11 17	3 28.10	+12 25.1	1.449	2.434	2.7	18.4
11 27	3 18.97	+12 4.4	1.479	2.444	6.2	18.7
12 7	3 11.30	+11 54.2	1.536	2.455	10.5	18.9
12 17	3 5.94	+11 56.7	1.616	2.466	14.3	19.2

517458 2014 OO_{354} 11 16.7 66.°11 0.°6/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.75	+22 59.5	2.042	2.824	14.9	21.5
10 18	3 50.92	+22 36.5	1.961	2.830	11.9	21.3
10 28	3 44.75	+22 3.1	1.902	2.837	8.3	21.1
11 7	3 36.87	+21 20.3	1.868	2.843	4.3	20.9
11 17	3 28.14	+20 30.6	1.862	2.850	0.6	20.6
11 27	3 19.62	+19 38.5	1.885	2.857	4.2	20.9
12 7	3 12.29	+18 48.9	1.937	2.864	8.1	21.2
12 17	3 6.88	+18 6.4	2.015	2.871	11.6	21.4

43885 1995 FJ_{9} 11 16.7 183.°92 1.°8/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 3.21	+22 42.3	1.658	2.439	17.8	19.1
10 18	3 58.46	+23 7.6	1.573	2.440	14.4	18.8
10 28	3 50.50	+23 24.4	1.507	2.440	10.3	18.6
11 7	3 39.98	+23 31.1	1.466	2.439	5.6	18.3
11 17	3 28.03	+23 27.1	1.452	2.439	1.8	18.1
11 27	3 16.14	+23 14.6	1.466	2.437	5.3	18.3
12 7	3 5.79	+22 58.0	1.508	2.436	9.9	18.6
12 17	2 58.07	+22 42.7	1.574	2.434	14.1	18.8

136460 2005 EJ_{224} 11 16.7 85.°39 6.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.75	+ 2 33.2	1.877	2.675	15.4	19.9
10 18	3 52.27	+ 1 29.5	1.822	2.694	12.5	19.7
10 28	3 45.51	+ 0 30.4	1.788	2.712	9.5	19.6
11 7	3 37.17	− 0 18.0	1.780	2.731	7.3	19.5
11 17	3 28.13	− 0 50.6	1.798	2.749	7.0	19.5
11 27	3 19.44	− 1 3.7	1.844	2.767	8.9	19.6
12 7	3 12.02	− 0 56.5	1.916	2.785	11.5	19.8
12 17	3 6.54	− 0 30.0	2.011	2.803	14.1	20.1

160447 2005 UQ_{245} 11 16.7 172.°17 1.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.61	+16 42.2	1.731	2.528	16.6	20.9
10 18	3 54.39	+16 21.5	1.650	2.529	13.2	20.7
10 28	3 47.40	+15 54.5	1.589	2.530	9.1	20.4
11 7	3 38.30	+15 23.1	1.553	2.531	4.6	20.2
11 17	3 28.09	+14 50.4	1.545	2.532	1.6	20.0
11 27	3 18.04	+14 20.9	1.565	2.532	5.6	20.2
12 7	3 9.36	+13 58.8	1.612	2.532	10.0	20.5
12 17	3 2.95	+13 47.5	1.684	2.532	13.9	20.7

56095 1999 BL_{6} 11 16.7 281.°62 5.°2/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.61	+ 7 32.4	1.967	2.771	14.6	18.8
10 18	3 50.08	+ 6 34.7	1.880	2.761	11.7	18.6
10 28	3 44.26	+ 5 35.8	1.816	2.751	8.6	18.4
11 7	3 36.68	+ 4 40.9	1.776	2.741	5.9	18.2
11 17	3 28.16	+ 3 55.2	1.764	2.731	5.4	18.2
11 27	3 19.70	+ 3 23.8	1.780	2.721	7.7	18.3
12 7	3 12.29	+ 3 9.9	1.823	2.711	11.0	18.5
12 17	3 6.71	+ 3 14.3	1.889	2.702	14.1	18.6

267951 2004 EA_{84} 11 16.7 207.°35 0.°8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.72	+18 17.1	1.884	2.670	15.8	21.9
10 18	3 55.16	+18 1.9	1.792	2.665	12.6	21.6
10 28	3 47.91	+17 39.6	1.722	2.660	8.8	21.4
11 7	3 38.58	+17 11.4	1.677	2.655	4.4	21.1
11 17	3 28.10	+16 39.6	1.661	2.649	0.9	20.9
11 27	3 17.68	+16 8.2	1.673	2.642	5.1	21.2
12 7	3 8.52	+15 41.6	1.714	2.635	9.5	21.4
12 17	3 1.52	+15 23.6	1.780	2.627	13.3	21.6

203699 2002 OE_{29} 11 16.7 167.°71 3.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.74	+11 49.1	2.003	2.798	14.7	21.1
10 18	3 52.43	+11 17.4	1.922	2.800	11.7	20.9
10 28	3 45.80	+10 43.3	1.863	2.802	8.2	20.7
11 7	3 37.42	+10 9.8	1.829	2.803	4.6	20.5
11 17	3 28.15	+ 9 40.6	1.824	2.804	3.3	20.4
11 27	3 19.02	+ 9 19.5	1.848	2.805	6.0	20.5
12 7	3 11.04	+ 9 9.5	1.900	2.806	9.6	20.8
12 17	3 4.94	+ 9 12.0	1.976	2.807	12.9	21.0

233631 2007 UA_{107} 11 16.7 129.°27 1.°0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.43	+21 21.8	2.183	2.950	14.5	20.8
10 18	3 56.03	+21 42.1	2.102	2.962	11.6	20.6
10 28	3 48.23	+21 56.0	2.044	2.974	8.1	20.4
11 7	3 38.63	+22 3.0	2.011	2.985	4.3	20.2
11 17	3 28.12	+22 3.0	2.009	2.996	1.0	20.0
11 27	3 17.77	+21 58.0	2.036	3.007	4.1	20.2
12 7	3 8.61	+21 50.9	2.093	3.017	7.8	20.5
12 17	3 1.42	+21 45.0	2.177	3.026	11.1	20.7

36532 2000 QC_{87} 11 16.7 347.°66 3.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.74	+15 35.8	1.376	2.202	18.6	18.8
10 18	3 50.44	+14 44.0	1.300	2.197	14.8	18.5
10 28	3 45.05	+13 43.1	1.243	2.192	10.3	18.2
11 7	3 37.25	+12 37.6	1.209	2.188	5.5	18.0
11 17	3 28.16	+11 34.0	1.201	2.185	3.3	17.8
11 27	3 19.25	+10 39.9	1.218	2.182	7.3	18.1
12 7	3 11.88	+10 1.4	1.260	2.181	12.1	18.3
12 17	3 7.05	+ 9 42.3	1.323	2.179	16.4	18.6

336841 2011 FH_{24} 11 16.7 56.°29 2.°5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.91	+24 32.4	1.379	2.174	20.1	20.4
10 18	3 57.61	+24 55.6	1.323	2.196	16.2	20.2
10 28	3 49.85	+25 6.2	1.285	2.219	11.5	20.0
11 7	3 39.56	+25 2.7	1.270	2.243	6.4	19.8
11 17	3 28.10	+24 45.7	1.280	2.266	2.5	19.6
11 27	3 17.16	+24 18.9	1.317	2.290	5.6	19.8
12 7	3 8.23	+23 48.6	1.381	2.313	10.2	20.2
12 17	3 2.23	+23 21.3	1.468	2.337	14.3	20.5

408044 2012 FA_{67} 11 16.7 59.°68 0.°3/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.28	+18 36.9	2.132	2.918	14.2	21.2
10 18	3 51.19	+18 32.3	2.054	2.928	11.2	21.0
10 28	3 44.88	+18 22.0	1.999	2.937	7.7	20.8
11 7	3 36.94	+18 6.9	1.969	2.946	3.9	20.6
11 17	3 28.19	+17 48.9	1.968	2.956	0.4	20.3
11 27	3 19.61	+17 30.8	1.996	2.966	4.2	20.6
12 7	3 12.14	+17 15.6	2.052	2.976	8.0	20.9
12 17	3 6.48	+17 6.3	2.135	2.986	11.2	21.1

409651 2005 YA_{25} 11 16.7 170.°01 1.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.27	+14 38.7	2.407	3.194	12.8	21.8
10 18	3 50.12	+14 16.0	2.321	3.195	10.1	21.6
10 28	3 44.02	+13 49.7	2.257	3.196	6.9	21.4
11 7	3 36.49	+13 21.8	2.220	3.197	3.6	21.2
11 17	3 28.21	+12 54.8	2.213	3.198	1.9	21.1
11 27	3 20.04	+12 31.9	2.235	3.198	4.6	21.3
12 7	3 12.79	+12 15.7	2.287	3.199	7.9	21.5
12 17	3 7.11	+12 8.3	2.364	3.199	10.9	21.7

71655 2000 EF_{121} 11 16.7 206.°90 2.°8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.71	+29 11.3	2.898	3.635	11.9	19.2
10 18	3 51.99	+29 30.9	2.795	3.630	9.8	19.1
10 28	3 45.32	+29 41.4	2.716	3.625	7.3	18.9
11 7	3 37.16	+29 41.7	2.662	3.620	4.7	18.7
11 17	3 28.19	+29 31.4	2.638	3.614	2.9	18.6
11 27	3 19.22	+29 11.7	2.644	3.608	3.9	18.7
12 7	3 11.09	+28 45.4	2.681	3.602	6.4	18.8
12 17	3 4.45	+28 16.2	2.745	3.595	9.0	19.0

192334 1995 GU_{6} 11 16.7 257.°72 2.°6/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.88	+12 27.4	2.454	3.244	12.4	21.3
10 18	3 49.05	+11 53.3	2.359	3.235	9.9	21.2
10 28	3 43.32	+11 16.3	2.288	3.226	6.9	21.0
11 7	3 36.16	+10 38.9	2.243	3.217	3.9	20.8
11 17	3 28.23	+10 4.4	2.227	3.207	2.7	20.7
11 27	3 20.34	+ 9 36.1	2.241	3.198	5.1	20.8
12 7	3 13.30	+ 9 17.0	2.283	3.188	8.3	21.0
12 17	3 7.74	+ 9 8.8	2.352	3.179	11.2	21.2

64758 2001 XL_{163} 11 16.7 48.°49 3.°2/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.31	+13 29.2	1.319	2.139	19.6	18.8
10 18	3 54.57	+13 1.3	1.266	2.158	15.4	18.6
10 28	3 47.64	+12 29.6	1.232	2.178	10.6	18.4
11 7	3 38.41	+11 58.1	1.221	2.198	5.7	18.2
11 17	3 28.16	+11 31.5	1.235	2.219	3.3	18.1
11 27	3 18.42	+11 14.3	1.275	2.240	7.0	18.4
12 7	3 10.51	+11 10.2	1.341	2.261	11.6	18.7
12 17	3 5.29	+11 20.4	1.429	2.283	15.6	19.0

434271 2003 WT_{26} 11 16.7 337.°56 2.°6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.19	+13 11.1	1.201	2.031	20.5	20.9
10 18	3 54.63	+13 15.9	1.124	2.022	16.5	20.6
10 28	3 48.40	+13 19.2	1.065	2.014	11.6	20.3
11 7	3 39.16	+13 23.5	1.027	2.007	6.1	19.9
11 17	3 28.14	+13 31.2	1.014	2.000	2.7	19.7
11 27	3 17.13	+13 45.7	1.025	1.994	7.3	20.0
12 7	3 7.89	+14 9.6	1.060	1.990	12.9	20.3
12 17	3 1.70	+14 44.7	1.116	1.986	17.8	20.6

242636 2005 MG_{33} 11 16.7 155.°62 3.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.00	+12 24.6	2.049	2.845	14.4	20.9
10 18	3 51.03	+11 47.0	1.967	2.847	11.4	20.7
10 28	3 44.82	+11 6.1	1.908	2.848	7.9	20.5
11 7	3 36.95	+10 25.3	1.875	2.849	4.5	20.3
11 17	3 28.23	+ 9 48.4	1.870	2.850	3.2	20.2
11 27	3 19.65	+ 9 19.5	1.894	2.851	5.9	20.4
12 7	3 12.17	+ 9 1.7	1.945	2.852	9.4	20.6
12 17	3 6.49	+ 8 56.9	2.022	2.853	12.6	20.9

455320 2002 LQ_{24} 11 16.7 125.°79 0.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.65	+26 7.5	2.912	3.659	11.7	21.8
10 18	3 51.50	+25 13.9	2.827	3.675	9.3	21.6
10 28	3 44.67	+24 9.5	2.767	3.691	6.5	21.4
11 7	3 36.70	+22 55.8	2.734	3.707	3.5	21.3
11 17	3 28.25	+21 35.5	2.734	3.722	0.7	21.1
11 27	3 20.07	+20 13.0	2.766	3.736	3.2	21.3
12 7	3 12.84	+18 52.8	2.829	3.750	6.2	21.5
12 17	3 7.07	+17 39.5	2.922	3.763	8.8	21.7

340990 2007 EB_{198} 11 16.7 165.°20 0.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.18	+21 35.5	1.954	2.733	15.6	22.0
10 18	3 54.58	+21 19.3	1.869	2.737	12.4	21.8
10 28	3 47.40	+20 53.5	1.805	2.741	8.7	21.6
11 7	3 38.30	+20 19.1	1.767	2.744	4.4	21.3
11 17	3 28.19	+19 38.2	1.757	2.746	0.3	21.0
11 27	3 18.26	+18 54.8	1.777	2.748	4.6	21.3
12 7	3 9.62	+18 13.8	1.826	2.750	8.7	21.6
12 17	3 3.08	+17 40.0	1.900	2.751	12.4	21.8

485193 2010 TU_{89} 11 16.7 332.°12 2.°4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.61	+23 34.8	1.734	2.522	16.9	21.5
10 18	3 53.27	+24 10.2	1.641	2.512	13.7	21.3
10 28	3 46.99	+24 37.8	1.569	2.502	9.9	21.0
11 7	3 38.31	+24 55.8	1.520	2.492	5.7	20.7
11 17	3 28.20	+25 3.2	1.498	2.483	2.4	20.5
11 27	3 18.01	+25 1.3	1.503	2.475	5.1	20.7
12 7	3 9.11	+24 53.6	1.535	2.467	9.5	20.9
12 17	3 2.57	+24 44.8	1.592	2.459	13.5	21.1

411018 2009 UF_{98} 11 16.7 315.°05 1.°6/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.11	+17 20.3	2.143	2.938	13.9	21.4
10 18	3 48.79	+16 37.7	2.051	2.930	11.0	21.2
10 28	3 43.32	+15 47.7	1.981	2.923	7.6	21.0
11 7	3 36.23	+14 52.8	1.938	2.916	3.9	20.7
11 17	3 28.28	+13 56.7	1.922	2.909	1.7	20.6
11 27	3 20.42	+13 4.3	1.937	2.902	4.9	20.8
12 7	3 13.56	+12 19.8	1.979	2.895	8.7	21.0
12 17	3 8.40	+11 47.0	2.046	2.889	12.0	21.2

207155 2005 CN_{26} 11 16.7 144.°05 7.°0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.97	+38 22.4	2.073	2.785	16.8	20.6
10 18	3 58.12	+39 12.1	1.987	2.791	14.4	20.4
10 28	3 50.20	+39 45.4	1.920	2.795	11.6	20.3
11 7	3 39.85	+39 57.5	1.876	2.800	9.0	20.1
11 17	3 28.16	+39 45.4	1.858	2.805	7.2	20.0
11 27	3 16.60	+39 10.0	1.868	2.809	7.4	20.0
12 7	3 6.55	+38 16.5	1.904	2.813	9.5	20.2
12 17	2 59.04	+37 12.7	1.967	2.816	12.1	20.3

294652 2008 AV_{74} 11 16.7 79.°66 2.°9/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.70	+12 39.5	1.926	2.725	15.0	21.4
10 18	3 51.68	+12 7.6	1.852	2.733	11.9	21.2
10 28	3 45.31	+11 32.7	1.800	2.740	8.3	21.0
11 7	3 37.21	+10 57.9	1.773	2.748	4.6	20.8
11 17	3 28.26	+10 27.1	1.774	2.755	3.0	20.8
11 27	3 19.53	+10 4.1	1.803	2.763	5.9	21.0
12 7	3 11.98	+9 51.8	1.860	2.771	9.5	21.2
12 17	3 6.36	+9 52.1	1.942	2.778	12.8	21.4

74780 1999 RL_{241} 11 16.7 328.°54 1.°5/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.25	+18 23.4	1.265	2.091	19.9	19.1
10 18	3 52.14	+17 54.4	1.184	2.080	15.9	18.8
10 28	3 46.57	+17 14.1	1.122	2.071	11.1	18.5
11 7	3 38.20	+16 25.2	1.082	2.062	5.6	18.2
11 17	3 28.23	+15 32.3	1.066	2.054	1.7	17.9
11 27	3 18.33	+14 42.6	1.075	2.046	6.8	18.2
12 7	3 10.12	+14 3.5	1.108	2.039	12.4	18.5
12 17	3 4.78	+13 40.1	1.163	2.033	17.2	18.8

260788 2005 NS_{40} 11 16.7 87.°05 2.°8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.64	+12 51.0	1.972	2.769	14.8	21.0
10 18	3 51.59	+12 20.5	1.896	2.776	11.7	20.8
10 28	3 45.23	+11 46.9	1.842	2.783	8.1	20.6
11 7	3 37.18	+11 13.4	1.814	2.789	4.5	20.4
11 17	3 28.28	+10 43.3	1.813	2.796	2.9	20.3
11 27	3 19.57	+10 20.6	1.842	2.802	5.8	20.5
12 7	3 12.02	+10 8.1	1.898	2.808	9.4	20.8
12 17	3 6.36	+10 7.7	1.979	2.815	12.6	21.0

262688 2006 WA_{177} 11 16.7 72.°09 3.°9/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.94	+10 15.9	1.946	2.747	14.8	21.0
10 18	3 51.04	+9 35.0	1.872	2.753	11.8	20.8
10 28	3 44.86	+8 52.6	1.819	2.758	8.3	20.6
11 7	3 36.99	+8 12.6	1.793	2.764	5.0	20.4
11 17	3 28.28	+7 39.2	1.793	2.770	4.0	20.3
11 27	3 19.77	+7 16.4	1.823	2.776	6.5	20.5
12 7	3 12.42	+7 6.9	1.879	2.781	9.9	20.7
12 17	3 6.93	+7 12.0	1.960	2.787	13.1	21.0

367818 2011 AM_{72} 11 16.7 222.°95 4.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.77	+ 6 31.3	2.328	3.121	13.0	20.7
10 18	3 49.76	+ 5 54.9	2.246	3.119	10.4	20.5
10 28	3 43.81	+ 5 19.7	2.186	3.118	7.6	20.3
11 7	3 36.43	+ 4 49.3	2.153	3.117	5.1	20.2
11 17	3 28.30	+ 4 27.2	2.148	3.116	4.6	20.1
11 27	3 20.28	+ 4 16.7	2.173	3.114	6.5	20.2
12 7	3 13.17	+ 4 19.5	2.225	3.113	9.3	20.4
12 17	3 7.61	+ 4 36.0	2.301	3.111	12.0	20.6

377303 2004 FN_{102} 11 16.7 282.°26 0.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.26	+24 49.0	1.609	2.400	17.9	20.6
10 18	3 54.04	+23 37.6	1.499	2.374	14.5	20.3
10 28	3 47.67	+22 4.1	1.410	2.348	10.3	20.0
11 7	3 38.72	+20 9.7	1.344	2.322	5.3	19.6
11 17	3 28.25	+17 59.8	1.307	2.295	0.4	19.2
11 27	3 17.71	+15 44.4	1.298	2.268	6.0	19.5
12 7	3 8.58	+13 35.8	1.318	2.241	11.4	19.8
12 17	3 1.98	+11 44.8	1.361	2.214	16.3	20.0

259194 2003 AT_{37} 11 16.7 301.°63 2.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.61	+26 21.8	1.858	2.639	16.2	20.3
10 18	3 51.50	+26 11.8	1.756	2.621	13.2	20.1
10 28	3 45.65	+25 48.1	1.673	2.604	9.6	19.8
11 7	3 37.61	+25 10.1	1.615	2.586	5.5	19.5
11 17	3 28.29	+24 18.9	1.583	2.569	2.1	19.3
11 27	3 18.94	+23 18.7	1.580	2.552	4.8	19.4
12 7	3 10.80	+22 15.7	1.604	2.536	9.1	19.7
12 17	3 4.85	+21 16.8	1.654	2.519	13.2	19.9

394459 2007 RV_{217} 11 16.7 151.°33 4.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.29	+10 24.7	1.954	2.754	14.8	21.9
10 18	3 51.29	+ 9 4.5	1.877	2.758	11.8	21.7
10 28	3 45.02	+ 7 40.3	1.824	2.761	8.4	21.5
11 7	3 37.08	+ 6 17.7	1.797	2.765	5.5	21.3
11 17	3 28.32	+ 5 3.0	1.798	2.768	4.9	21.3
11 27	3 19.77	+ 4 2.2	1.828	2.771	7.4	21.5
12 7	3 12.39	+ 3 19.5	1.885	2.773	10.7	21.7
12 17	3 6.87	+ 2 56.6	1.966	2.776	13.7	21.9

373057 2011 FA_{7} 11 16.7 260.°67 1.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.96	+16 2.0	2.574	3.358	12.1	21.4
10 18	3 49.11	+15 36.2	2.473	3.346	9.6	21.2
10 28	3 43.39	+15 5.6	2.395	3.333	6.6	21.0
11 7	3 36.26	+14 32.1	2.344	3.321	3.4	20.8
11 17	3 28.36	+13 58.1	2.322	3.308	1.5	20.6
11 27	3 20.47	+13 26.7	2.331	3.296	4.3	20.8
12 7	3 13.37	+13 1.1	2.369	3.283	7.6	21.0
12 17	3 7.72	+12 43.7	2.433	3.270	10.5	21.2

517151 2013 KG_{11} 11 16.7 81.°17 2.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.82	+10 4.3	2.337	3.118	13.3	21.3
10 18	3 53.56	+10 5.8	2.269	3.139	10.5	21.1
10 28	3 46.30	+10 7.9	2.225	3.160	7.3	21.0
11 7	3 37.64	+10 12.4	2.208	3.181	4.1	20.8
11 17	3 28.32	+10 20.9	2.221	3.202	2.7	20.7
11 27	3 19.25	+10 34.9	2.264	3.222	5.0	20.9
12 7	3 11.24	+10 55.4	2.336	3.243	8.0	21.2
12 17	3 4.91	+11 23.1	2.435	3.263	10.8	21.4

414291 2008 PF_{22} 11 16.7 53.°19 12.°0/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 9.35	+55 27.9	2.326	2.921	17.7	20.6
10 18	4 4.37	+57 1.0	2.255	2.934	16.3	20.5
10 28	3 55.25	+58 12.7	2.200	2.946	14.8	20.4
11 7	3 42.69	+58 55.5	2.164	2.959	13.4	20.3
11 17	3 28.16	+59 3.6	2.147	2.973	12.4	20.3
11 27	3 13.74	+58 35.6	2.153	2.986	12.0	20.3
12 7	3 1.47	+57 36.2	2.182	3.000	12.3	20.3
12 17	2 52.75	+56 13.9	2.233	3.013	13.3	20.4

136650 1995 HK_{2} 11 16.7 50.°41 1.°9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.54	+14 35.1	1.900	2.697	15.3	20.3
10 18	3 52.50	+14 23.6	1.821	2.700	12.1	20.1
10 28	3 46.00	+14 8.6	1.762	2.703	8.4	19.9
11 7	3 37.64	+13 52.1	1.729	2.707	4.3	19.6
11 17	3 28.33	+13 36.7	1.724	2.710	2.0	19.5
11 27	3 19.15	+13 25.4	1.748	2.714	5.3	19.7
12 7	3 11.18	+13 21.3	1.799	2.717	9.3	20.0
12 17	3 5.21	+13 26.4	1.875	2.721	12.8	20.2

4291 Kodaihasu 11 16.7 154.°38 1.°1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.06	+25 50.5	2.418	3.181	13.4	16.9
10 18	3 50.86	+25 19.6	2.328	3.184	10.7	16.7
10 28	3 44.60	+24 37.1	2.260	3.188	7.6	16.5
11 7	3 36.84	+23 44.0	2.218	3.191	4.1	16.3
11 17	3 28.35	+22 42.3	2.206	3.193	1.2	16.1
11 27	3 20.04	+21 36.3	2.224	3.196	3.7	16.3
12 7	3 12.76	+20 30.8	2.272	3.198	7.2	16.5
12 17	3 7.16	+19 30.8	2.348	3.201	10.3	16.7

172451 2003 QV_{79} 11 16.7 153.°22 1.°6/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 6.20	+23 19.9	1.966	2.726	16.1	21.1
10 18	4 0.17	+23 36.7	1.883	2.738	13.0	20.9
10 28	3 51.33	+23 44.6	1.822	2.748	9.2	20.7
11 7	3 40.34	+23 42.6	1.786	2.758	5.0	20.5
11 17	3 28.25	+23 30.6	1.780	2.767	1.6	20.3
11 27	3 16.35	+23 10.9	1.804	2.774	4.6	20.5
12 7	3 5.88	+22 47.8	1.857	2.781	8.7	20.8
12 17	2 57.76	+22 26.2	1.937	2.786	12.3	21.0

154330 2002 VX_{94} 11 16.7 282.°56 12.°8/18.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 11.95	+34 23.3	0.942	1.733	27.7	20.3
10 18	4 11.18	+35 59.7	0.826	1.687	24.6	19.9
10 28	4 4.18	+37 29.6	0.723	1.638	20.5	19.4
11 7	3 49.77	+38 39.7	0.635	1.586	15.9	18.9
11 17	3 27.88	+39 7.6	0.565	1.532	12.9	18.4
11 27	3 1.09	+38 30.0	0.516	1.475	15.2	18.2
12 7	2 34.48	+36 41.0	0.486	1.416	22.5	18.3
12 17	2 13.24	+34 1.2	0.472	1.355	31.4	18.4

224044 2005 MQ_{18} 11 16.7 83.°75 1.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.28	+17 29.8	1.524	2.324	18.3	21.2
10 18	3 56.60	+17 7.9	1.464	2.345	14.4	21.0
10 28	3 48.93	+16 38.6	1.424	2.366	9.9	20.8
11 7	3 39.10	+16 4.4	1.408	2.386	5.0	20.5
11 17	3 28.30	+15 28.7	1.419	2.406	1.4	20.4
11 27	3 17.96	+14 56.5	1.458	2.427	5.7	20.7
12 7	3 9.34	+14 32.5	1.524	2.446	10.3	21.0
12 17	3 3.28	+14 19.8	1.613	2.466	14.2	21.3

143145 2002 XC_{42} 11 16.7 19.°27 4.°6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.40	+30 6.3	1.264	2.062	21.5	19.5
10 18	3 54.08	+30 22.3	1.195	2.066	17.7	19.3
10 28	3 47.98	+30 18.5	1.142	2.071	13.2	19.0
11 7	3 38.91	+29 52.1	1.111	2.077	8.4	18.8
11 17	3 28.30	+29 3.1	1.102	2.083	4.8	18.6
11 27	3 18.01	+27 57.0	1.119	2.090	6.6	18.7
12 7	3 9.76	+26 43.5	1.161	2.098	11.1	19.0
12 17	3 4.67	+25 32.7	1.225	2.107	15.6	19.3

29801 1999 CX_{84} 11 16.7 214.°91 2.°9/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.00	+11 43.3	2.030	2.816	14.8	18.6
10 18	3 55.16	+11 25.8	1.936	2.809	11.8	18.4
10 28	3 47.85	+11 6.6	1.865	2.802	8.3	18.2
11 7	3 38.62	+10 48.0	1.820	2.794	4.6	17.9
11 17	3 28.32	+10 33.1	1.803	2.785	3.0	17.8
11 27	3 18.04	+10 24.9	1.817	2.776	5.9	18.0
12 7	3 8.86	+10 26.1	1.858	2.766	9.7	18.2
12 17	3 1.64	+10 38.2	1.925	2.756	13.2	18.4

286708 2002 GM_{49} 11 16.7 163.°30 1.°2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.75	+18 27.8	2.311	3.087	13.5	21.4
10 18	3 52.93	+17 42.2	2.226	3.094	10.7	21.3
10 28	3 46.00	+16 48.9	2.163	3.100	7.3	21.1
11 7	3 37.55	+15 50.2	2.128	3.105	3.7	20.8
11 17	3 28.36	+14 49.6	2.122	3.109	1.3	20.7
11 27	3 19.36	+13 51.7	2.147	3.113	4.5	20.9
12 7	3 11.43	+13 0.8	2.202	3.116	8.1	21.1
12 17	3 5.23	+12 20.6	2.284	3.118	11.2	21.4

234039 1998 WP_{42} 11 16.7 31.°38 0.°6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 16.42	+11 24.2	1.287	2.075	21.7	18.6
10 18	4 9.53	+13 31.7	1.223	2.095	17.3	18.4
10 28	3 58.51	+15 48.2	1.180	2.117	12.1	18.1
11 7	3 44.21	+18 7.5	1.163	2.140	6.1	17.9
11 17	3 28.16	+20 21.0	1.175	2.164	0.7	17.5
11 27	3 12.46	+22 21.4	1.218	2.189	6.2	18.0
12 7	2 59.05	+24 5.8	1.289	2.214	11.5	18.4
12 17	2 49.23	+25 35.8	1.386	2.241	15.9	18.7

123662 2000 YM_{78} 11 16.7 5.°90 2.°4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.46	+12 8.7	2.087	2.879	14.3	19.4
10 18	3 52.22	+12 3.8	2.003	2.880	11.3	19.2
10 28	3 45.72	+11 57.8	1.941	2.880	7.9	19.0
11 7	3 37.50	+11 52.7	1.904	2.880	4.3	18.8
11 17	3 28.36	+11 50.7	1.897	2.880	2.4	18.7
11 27	3 19.32	+11 54.1	1.918	2.881	5.3	18.8
12 7	3 11.33	+12 4.9	1.968	2.881	8.9	19.1
12 17	3 5.17	+12 24.2	2.043	2.882	12.2	19.3

422019 2014 QX_{335} 11 16.7 39.°98 7.°2/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.69	+ 0 2.3	2.187	2.982	13.6	21.3
10 18	3 48.19	− 1 14.6	2.121	2.988	11.2	21.1
10 28	3 42.75	− 2 26.7	2.078	2.993	8.9	21.0
11 7	3 35.92	− 3 28.1	2.061	2.998	7.4	20.9
11 17	3 28.42	− 4 13.3	2.070	3.004	7.4	20.9
11 27	3 21.09	− 4 38.6	2.106	3.010	9.0	21.0
12 7	3 14.73	− 4 42.4	2.168	3.016	11.3	21.2
12 17	3 9.95	− 4 25.6	2.252	3.022	13.5	21.3

369644 2011 EB_{78} 11 16.7 269.°34 5.°4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.17	+36 58.0	2.560	3.273	13.9	20.8
10 18	3 52.97	+37 29.0	2.456	3.263	11.8	20.6
10 28	3 46.37	+37 46.5	2.373	3.254	9.5	20.5
11 7	3 37.90	+37 47.4	2.314	3.244	7.2	20.3
11 17	3 28.36	+37 30.1	2.281	3.234	5.6	20.2
11 27	3 18.81	+36 55.6	2.278	3.224	5.9	20.2
12 7	3 10.29	+36 7.5	2.302	3.214	7.8	20.3
12 17	3 3.66	+35 11.5	2.353	3.204	10.3	20.4

327518 2006 BU_{78} 11 16.7 30.°53 5.°1/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.44	+33 57.7	2.189	2.926	15.3	20.5
10 18	3 53.39	+34 29.8	2.101	2.928	12.8	20.3
10 28	3 46.74	+34 48.0	2.033	2.931	10.0	20.1
11 7	3 38.09	+34 49.5	1.989	2.933	7.1	20.0
11 17	3 28.36	+34 33.0	1.972	2.936	5.2	19.8
11 27	3 18.72	+34 0.0	1.983	2.939	5.8	19.9
12 7	3 10.32	+33 15.0	2.022	2.942	8.3	20.0
12 17	3 4.02	+32 24.2	2.087	2.946	11.1	20.2

396897 2004 XJ_{77} 11 16.7 48.°38 2.°0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.52	+27 11.8	2.111	2.880	14.9	20.2
10 18	3 50.80	+26 55.7	2.030	2.888	12.0	20.1
10 28	3 44.74	+26 27.0	1.970	2.896	8.6	19.9
11 7	3 36.99	+25 45.7	1.935	2.905	4.9	19.7
11 17	3 28.40	+24 53.6	1.928	2.913	2.0	19.5
11 27	3 20.03	+23 55.0	1.950	2.922	4.1	19.7
12 7	3 12.86	+22 55.0	2.001	2.930	7.7	19.9
12 17	3 7.60	+21 59.3	2.078	2.939	11.0	20.1

174047 2002 BW_{12} 11 16.7 337.°78 3.°7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.31	+32 25.7	2.680	3.415	12.8	20.0
10 18	3 50.35	+32 41.2	2.584	3.413	10.7	19.8
10 28	3 44.34	+32 45.1	2.510	3.412	8.2	19.6
11 7	3 36.79	+32 35.9	2.461	3.411	5.6	19.5
11 17	3 28.41	+32 13.3	2.439	3.409	3.8	19.4
11 27	3 20.10	+31 39.1	2.448	3.408	4.5	19.4
12 7	3 12.72	+30 56.7	2.485	3.407	6.8	19.5
12 17	3 6.96	+30 10.9	2.549	3.406	9.4	19.7

103120 1999 XN_{185} 11 16.7 333.°22 2.°6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.68	+21 29.6	1.489	2.287	18.7	18.7
10 18	3 56.35	+22 30.4	1.398	2.275	15.2	18.5
10 28	3 49.57	+23 27.4	1.327	2.264	11.0	18.2
11 7	3 39.86	+24 17.4	1.279	2.253	6.3	17.9
11 17	3 28.32	+24 57.5	1.257	2.243	2.6	17.6
11 27	3 16.54	+25 26.9	1.262	2.234	5.9	17.8
12 7	3 6.24	+25 47.7	1.293	2.225	10.8	18.1
12 17	2 58.75	+26 4.4	1.348	2.218	15.3	18.3

366491 2002 NU_{73} 11 16.7 43.°58 4.°8/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.43	+29 18.5	1.117	1.920	23.4	20.8
10 18	3 58.12	+29 48.9	1.069	1.943	19.1	20.6
10 28	3 50.68	+29 59.3	1.038	1.968	14.1	20.4
11 7	3 40.17	+29 46.5	1.027	1.994	8.8	20.2
11 17	3 28.33	+29 10.9	1.039	2.020	5.0	20.0
11 27	3 17.23	+28 18.1	1.076	2.046	6.9	20.2
12 7	3 8.62	+27 18.3	1.137	2.074	11.4	20.6
12 17	3 3.49	+26 21.4	1.220	2.101	15.7	20.9

187662 2007 JU_{44} 11 16.7 81.°63 1.°0/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.10	+17 29.3	2.313	3.099	13.2	20.9
10 18	3 50.11	+17 9.5	2.232	3.105	10.4	20.8
10 28	3 44.11	+16 44.2	2.173	3.112	7.2	20.6
11 7	3 36.64	+16 15.3	2.141	3.118	3.6	20.4
11 17	3 28.43	+15 44.9	2.137	3.125	1.0	20.2
11 27	3 20.37	+15 16.4	2.163	3.131	4.2	20.4
12 7	3 13.30	+14 53.0	2.219	3.138	7.7	20.7
12 17	3 7.86	+14 37.2	2.300	3.144	10.8	20.9

76828 2000 SL_{161} 11 16.7 119.°90 1.°6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 6.62	+27 24.7	1.447	2.222	20.2	19.8
10 18	4 1.17	+26 41.2	1.380	2.243	16.3	19.6
10 28	3 52.24	+25 38.2	1.332	2.262	11.6	19.4
11 7	3 40.82	+24 16.4	1.308	2.281	6.3	19.2
11 17	3 28.33	+22 40.3	1.311	2.299	1.6	18.9
11 27	3 16.50	+20 58.8	1.343	2.316	5.5	19.2
12 7	3 6.78	+19 22.3	1.403	2.331	10.5	19.5
12 17	3 0.06	+17 59.6	1.487	2.346	14.8	19.8

409118 2003 TP_{59} 11 16.7 23.°69 4.°1/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.41	+30 14.3	2.147	2.900	15.1	20.9
10 18	3 53.34	+30 51.5	2.061	2.903	12.5	20.7
10 28	3 46.70	+31 17.4	1.995	2.906	9.5	20.5
11 7	3 38.10	+31 29.6	1.954	2.909	6.3	20.4
11 17	3 28.40	+31 26.7	1.940	2.913	4.2	20.2
11 27	3 18.78	+31 10.0	1.955	2.917	5.2	20.3
12 7	3 10.34	+30 43.4	1.997	2.921	8.1	20.5
12 17	3 3.95	+30 12.2	2.066	2.926	11.2	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
157461	2004 XR_{32}		11 16.7	120.°76	2.°4/15.4	18
	h m	° ′			°	m
10 8	3 56.11	+11 25.3	2.468	3.252	12.6	19.8
10 18	3 51.49	+11 16.0	2.388	3.259	9.9	19.6
10 28	3 44.97	+11 6.0	2.331	3.267	6.9	19.4
11 7	3 37.05	+10 57.2	2.301	3.274	3.8	19.2
11 17	3 28.44	+10 51.6	2.300	3.282	2.4	19.2
11 27	3 19.96	+10 51.4	2.329	3.289	4.8	19.3
12 7	3 12.39	+10 58.1	2.388	3.296	7.8	19.5
12 17	3 6.37	+11 12.9	2.473	3.302	10.6	19.7
517530	2014 RJ_{60}		11 16.7	89.°09	1.°8/17.9	18
10 8	3 57.11	+25 3.5	2.426	3.186	13.4	21.6
10 18	3 52.47	+25 16.5	2.348	3.201	10.8	21.5
10 28	3 45.73	+25 20.9	2.292	3.216	7.7	21.3
11 7	3 37.46	+25 16.4	2.262	3.231	4.4	21.1
11 17	3 28.43	+25 3.3	2.261	3.246	1.9	21.0
11 27	3 19.57	+24 43.7	2.290	3.260	3.8	21.1
12 7	3 11.77	+24 20.8	2.349	3.275	7.0	21.3
12 17	3 5.69	+23 58.5	2.434	3.289	9.9	21.6
145369	2005 MK_{43}		11 16.7	132.°97	0.°9/16.1	18
10 8	3 55.94	+19 2.8	2.075	2.861	14.5	20.7
10 18	3 51.81	+18 27.4	1.993	2.867	11.5	20.5
10 28	3 45.41	+17 43.9	1.934	2.872	7.9	20.3
11 7	3 37.33	+16 54.4	1.900	2.878	4.0	20.1
11 17	3 28.43	+16 2.2	1.895	2.883	1.0	19.8
11 27	3 19.72	+15 11.9	1.920	2.888	4.6	20.1
12 7	3 12.16	+14 28.1	1.973	2.892	8.5	20.4
12 17	3 6.46	+13 54.4	2.052	2.897	11.9	20.6
209794	2005 GZ_{26}		11 16.7	238.°33	4.°8/13.4	18
10 8	3 54.51	+ 9 16.5	2.045	2.844	14.3	20.5
10 18	3 50.74	+ 8 3.6	1.958	2.837	11.4	20.3
10 28	3 44.73	+ 6 47.3	1.893	2.829	8.3	20.1
11 7	3 37.04	+ 5 32.7	1.855	2.821	5.5	19.9
11 17	3 28.46	+ 4 25.8	1.845	2.813	5.1	19.9
11 27	3 19.96	+ 3 32.2	1.863	2.804	7.5	20.0
12 7	3 12.50	+ 2 56.0	1.909	2.795	10.7	20.2
12 17	3 6.82	+ 2 39.0	1.978	2.786	13.7	20.4
494442	2016 UY_{112}		11 16.7	135.°26	0.°1/16.8	17 R
10 8	4 0.00	+21 14.6	1.935	2.714	15.7	22.2
10 18	3 55.20	+20 56.7	1.857	2.725	12.5	22.0
10 28	3 47.84	+20 29.6	1.800	2.736	8.7	21.8
11 7	3 38.59	+19 54.1	1.769	2.746	4.4	21.5
11 17	3 28.42	+19 12.9	1.766	2.755	0.1	21.2
11 27	3 18.50	+18 29.9	1.793	2.764	4.5	21.6
12 7	3 9.92	+17 50.2	1.849	2.773	8.7	21.8
12 17	3 3.47	+17 17.9	1.930	2.781	12.3	22.1
315784	2008 FY_{115}		11 16.7	159.°71	0.°7/16.4	18
10 8	3 55.97	+17 59.1	2.115	2.902	14.3	21.6
10 18	3 51.89	+17 48.7	2.029	2.902	11.3	21.4
10 28	3 45.52	+17 32.6	1.964	2.903	7.8	21.2
11 7	3 37.44	+17 12.0	1.926	2.903	3.9	21.0
11 17	3 28.45	+16 48.9	1.916	2.904	0.7	20.8
11 27	3 19.57	+16 26.5	1.935	2.904	4.5	21.0
12 7	3 11.76	+16 8.0	1.983	2.905	8.3	21.3
12 17	3 5.78	+15 56.6	2.056	2.905	11.7	21.5
220528	2004 EC_{115}		11 16.7	314.°84	0.°4/16.9	18
10 8	3 57.75	+21 15.4	1.450	2.255	18.9	20.7
10 18	3 54.56	+21 9.5	1.367	2.250	15.2	20.5
10 28	3 48.08	+20 52.9	1.304	2.245	10.7	20.2
11 7	3 38.98	+20 25.8	1.263	2.241	5.5	19.9
11 17	3 28.41	+19 50.4	1.248	2.237	0.4	19.5
11 27	3 17.93	+19 11.4	1.260	2.233	5.6	19.9
12 7	3 9.06	+18 35.2	1.297	2.229	10.8	20.2
12 17	3 2.89	+18 7.6	1.358	2.226	15.4	20.4
187485	2006 SL_{18}		11 16.7	7.°07	4.°2/14.4	18
10 8	3 53.59	+11 12.1	1.700	2.513	16.2	19.9
10 18	3 50.43	+10 21.9	1.625	2.513	12.8	19.7
10 28	3 44.72	+ 9 28.5	1.571	2.514	9.1	19.5
11 7	3 37.09	+ 8 36.5	1.542	2.515	5.5	19.3
11 17	3 28.47	+ 7 51.4	1.539	2.517	4.3	19.2
11 27	3 20.03	+ 7 18.3	1.564	2.519	7.2	19.4
12 7	3 12.86	+ 7 0.9	1.614	2.521	11.0	19.6
12 17	3 7.77	+ 7 0.7	1.688	2.524	14.5	19.9
80668	2000 BD_{15}		11 16.7	277.°19	1.°3/16.3	18
10 8	3 59.88	+15 48.4	1.568	2.370	17.8	19.6
10 18	3 56.03	+15 53.1	1.478	2.360	14.3	19.3
10 28	3 49.04	+15 53.8	1.408	2.350	10.0	19.0
11 7	3 39.48	+15 51.7	1.361	2.340	5.1	18.7
11 17	3 28.41	+15 48.5	1.341	2.329	1.3	18.5
11 27	3 17.28	+15 47.1	1.349	2.319	5.9	18.7
12 7	3 7.56	+15 50.9	1.384	2.309	10.9	19.0
12 17	3 0.37	+16 2.9	1.441	2.298	15.3	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
351788	2006 HB_{34}		11 16.7	169.°82	0.°2/16.6	18
	h m	° ′			°	m
10 8	3 58.07	+19 56.5	1.981	2.765	15.2	22.0
10 18	3 53.73	+19 42.2	1.896	2.767	12.1	21.8
10 28	3 46.89	+19 19.9	1.831	2.768	8.4	21.6
11 7	3 38.17	+18 50.8	1.793	2.770	4.3	21.4
11 17	3 28.46	+18 17.0	1.782	2.771	0.3	21.0
11 27	3 18.89	+17 42.2	1.801	2.772	4.6	21.4
12 7	3 10.53	+17 10.8	1.849	2.772	8.7	21.6
12 17	3 4.19	+16 46.7	1.922	2.773	12.3	21.9
101504	1998 XK_{13}		11 16.7	18.°86	1.°4/16.3	18
10 8	3 55.31	+16 10.9	1.068	1.907	21.9	18.8
10 18	3 53.26	+16 16.0	1.012	1.915	17.4	18.6
10 28	3 47.43	+16 15.3	0.972	1.924	12.0	18.3
11 7	3 38.68	+16 10.8	0.954	1.934	6.1	18.0
11 17	3 28.45	+16 5.3	0.958	1.946	1.5	17.7
11 27	3 18.61	+16 2.8	0.986	1.959	6.8	18.1
12 7	3 10.85	+16 7.7	1.038	1.974	12.4	18.5
12 17	3 6.24	+16 22.7	1.110	1.989	17.1	18.8
54665	2000 UL_{110}		11 16.7	76.°17	3.°8/15.2	18
10 8	4 1.15	+ 7 1.7	2.076	2.859	14.6	18.1
10 18	3 55.59	+ 7 0.4	2.015	2.884	11.6	17.9
10 28	3 47.82	+ 7 2.0	1.976	2.908	8.3	17.8
11 7	3 38.49	+ 7 9.0	1.964	2.932	5.1	17.6
11 17	3 28.47	+ 7 23.3	1.981	2.956	3.9	17.6
11 27	3 18.78	+ 7 46.2	2.028	2.980	6.0	17.8
12 7	3 10.32	+ 8 18.3	2.103	3.003	9.1	18.0
12 17	3 3.77	+ 8 59.2	2.204	3.027	12.0	18.2
292991	Lyonne		11 16.7	151.°56	0.°1/16.8	18
10 8	3 57.28	+19 41.2	2.068	2.850	14.7	21.2
10 18	3 53.03	+19 42.7	1.981	2.852	11.7	21.0
10 28	3 46.39	+19 37.8	1.917	2.853	8.2	20.8
11 7	3 37.93	+19 26.9	1.877	2.854	4.2	20.5
11 17	3 28.49	+19 11.5	1.866	2.855	0.1	20.2
11 27	3 19.15	+18 54.2	1.885	2.856	4.3	20.5
12 7	3 10.93	+18 38.4	1.932	2.857	8.3	20.8
12 17	3 4.64	+18 27.3	2.005	2.858	11.8	21.0
305260	2007 YR_{22}		11 16.7	309.°07	1.°2/17.5	18
10 8	3 55.51	+24 0.9	1.838	2.624	16.2	20.8
10 18	3 52.11	+23 51.0	1.747	2.617	13.0	20.6
10 28	3 46.02	+23 29.5	1.676	2.611	9.3	20.3
11 7	3 37.83	+22 56.6	1.630	2.604	5.0	20.1
11 17	3 28.50	+22 13.8	1.610	2.598	1.2	19.8
11 27	3 19.23	+21 25.4	1.619	2.592	4.6	20.0
12 7	3 11.23	+20 36.9	1.656	2.586	9.0	20.3
12 17	3 5.39	+19 53.9	1.718	2.581	12.9	20.5
287028	2002 QG_{96}		11 16.7	15.°99	8.°0/13.2	18
10 8	3 55.46	+ 1 13.6	1.590	2.400	17.2	20.0
10 18	3 51.99	+ 0 19.2	1.524	2.402	14.1	19.8
10 28	3 45.83	− 0 28.8	1.479	2.405	11.0	19.6
11 7	3 37.67	− 1 3.5	1.457	2.408	8.5	19.5
11 17	3 28.50	− 1 19.2	1.460	2.412	8.2	19.5
11 27	3 19.57	− 1 11.8	1.489	2.416	10.2	19.6
12 7	3 12.00	− 0 40.9	1.542	2.421	13.2	19.8
12 17	3 6.63	+ 0 11.3	1.617	2.426	16.3	20.0
184403	2005 MQ_{14}		11 16.7	123.°74	0.°2/16.7	18
10 8	4 0.89	+20 55.3	1.755	2.539	16.9	20.9
10 18	3 56.13	+20 31.3	1.681	2.552	13.4	20.7
10 28	3 48.59	+19 57.2	1.628	2.565	9.3	20.5
11 7	3 39.02	+19 14.4	1.601	2.578	4.7	20.3
11 17	3 28.48	+18 26.2	1.601	2.590	0.2	20.0
11 27	3 18.25	+17 37.2	1.631	2.601	4.9	20.4
12 7	3 9.52	+16 53.2	1.688	2.612	9.3	20.6
12 17	3 3.12	+16 18.7	1.771	2.622	13.1	20.9
449534	2014 HY_{42}		11 16.7	144.°28	5.°2/12.7	18
10 8	3 55.74	+ 3 7.6	2.718	3.495	11.7	22.5
10 18	3 50.89	+ 2 5.3	2.648	3.508	9.5	22.4
10 28	3 44.39	+ 1 5.5	2.603	3.521	7.2	22.2
11 7	3 36.73	+ 0 12.4	2.585	3.534	5.5	22.1
11 17	3 28.54	− 0 30.2	2.597	3.545	5.3	22.2
11 27	3 20.53	− 0 59.0	2.639	3.556	6.8	22.3
12 7	3 13.38	− 1 12.4	2.709	3.566	9.0	22.4
12 17	3 7.60	− 1 10.3	2.804	3.575	11.1	22.6
407993	2012 DA_{75}		11 16.7	223.°35	1.°9/17.9	17
10 8	3 56.11	+25 44.4	2.347	3.109	13.7	22.1
10 18	3 51.95	+25 46.5	2.251	3.106	11.1	21.9
10 28	3 45.58	+25 38.9	2.177	3.102	8.0	21.7
11 7	3 37.51	+25 21.1	2.129	3.098	4.6	21.5
11 17	3 28.52	+24 53.8	2.109	3.094	1.9	21.3
11 27	3 19.58	+24 19.4	2.119	3.090	4.0	21.4
12 7	3 11.66	+23 42.0	2.158	3.085	7.4	21.7
12 17	3 5.50	+23 5.9	2.224	3.081	10.6	21.9

350499 1999 VE_{197} 11 16.7 4.°85 3.°1/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.36	+11 23.3	1.002	1.855	21.9	19.1
10 18	3 50.39	+11 43.2	0.943	1.854	17.5	18.8
10 28	3 45.64	+12 5.1	0.901	1.856	12.3	18.6
11 7	3 37.89	+12 31.6	0.879	1.859	6.6	18.3
11 17	3 28.50	+13 4.5	0.879	1.866	3.1	18.1
11 27	3 19.37	+13 45.5	0.903	1.874	7.6	18.4
12 7	3 12.21	+14 35.1	0.948	1.885	13.1	18.7
12 17	3 8.23	+15 33.1	1.014	1.898	17.9	19.1

168170 2006 HX_{76} 11 16.7 128.°86 1.°2/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 0.02	+23 0.3	2.075	2.845	15.1	21.2
10 18	3 55.13	+23 4.2	1.995	2.856	12.1	21.0
10 28	3 47.78	+22 59.3	1.936	2.867	8.5	20.8
11 7	3 38.60	+22 45.5	1.904	2.877	4.6	20.6
11 17	3 28.49	+22 23.7	1.899	2.887	1.2	20.4
11 27	3 18.58	+21 56.8	1.925	2.897	4.2	20.6
12 7	3 9.92	+21 28.8	1.980	2.906	8.0	20.9
12 17	3 3.29	+21 4.0	2.060	2.914	11.5	21.1

480738 2016 NQ_8 11 16.7 98.°96 1.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 4.27	+15 58.2	1.547	2.342	18.3	21.1
10 18	3 59.07	+16 2.5	1.482	2.359	14.5	20.9
10 28	3 50.77	+16 2.4	1.437	2.377	10.0	20.7
11 7	3 40.16	+15 59.0	1.417	2.394	5.0	20.5
11 17	3 28.45	+15 54.2	1.423	2.411	1.3	20.3
11 27	3 17.12	+15 50.8	1.458	2.427	5.6	20.6
12 7	3 7.51	+15 52.1	1.521	2.443	10.3	20.9
12 17	3 0.52	+16 0.9	1.607	2.459	14.2	21.2

227902 2007 EV_{156} 11 16.7 95.°31 4.°5/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 3.69	+30 41.1	2.398	3.128	14.3	20.3
10 18	3 58.05	+31 44.5	2.315	3.140	11.9	20.1
10 28	3 49.88	+32 38.4	2.253	3.153	9.1	20.0
11 7	3 39.73	+33 19.3	2.218	3.165	6.3	19.8
11 17	3 28.48	+33 44.8	2.211	3.177	4.6	19.7
11 27	3 17.26	+33 54.8	2.234	3.189	5.4	19.8
12 7	3 7.18	+33 52.0	2.287	3.200	7.8	20.0
12 17	2 59.13	+33 40.9	2.366	3.212	10.5	20.2

450439 2005 UZ_{328} 11 16.7 85.°40 2.°5/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.22	+15 42.1	2.085	2.879	14.2	22.1
10 18	3 50.36	+14 41.2	2.010	2.889	11.2	21.9
10 28	3 44.35	+13 33.8	1.957	2.898	7.7	21.7
11 7	3 36.82	+12 23.5	1.931	2.907	4.1	21.5
11 17	3 28.56	+11 15.1	1.934	2.917	2.6	21.4
11 27	3 20.53	+10 14.0	1.966	2.926	5.5	21.6
12 7	3 13.61	+9 24.6	2.027	2.935	9.0	21.9
12 17	3 8.45	+8 49.7	2.113	2.945	12.1	22.1

147682 2004 OH_4 11 16.7 147.°54 6.°1/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.89	+38 5.1	2.296	3.007	15.4	20.0
10 18	3 55.36	+38 36.8	2.206	3.010	13.1	19.9
10 28	3 48.15	+38 52.7	2.136	3.013	10.5	19.7
11 7	3 38.87	+38 49.2	2.089	3.016	8.0	19.6
11 17	3 28.50	+38 24.6	2.068	3.019	6.3	19.5
11 27	3 18.25	+37 40.4	2.076	3.021	6.5	19.5
12 7	3 9.31	+36 41.5	2.112	3.024	8.5	19.6
12 17	3 2.55	+35 34.6	2.173	3.026	11.0	19.8

135645 2002 JE_{132} 11 16.7 97.°24 3.°4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 4.44	+27 57.7	1.554	2.325	19.2	20.1
10 18	3 59.49	+28 12.9	1.487	2.345	15.6	19.9
10 28	3 51.20	+28 13.0	1.440	2.364	11.4	19.7
11 7	3 40.42	+27 56.2	1.416	2.383	6.8	19.5
11 17	3 28.47	+27 22.6	1.418	2.401	3.5	19.3
11 27	3 16.95	+26 36.3	1.449	2.419	5.5	19.5
12 7	3 7.33	+25 44.6	1.506	2.436	9.7	19.8
12 17	3 0.55	+24 55.0	1.588	2.453	13.7	20.0

45598 2000 CN_{120} 11 16.7 84.°89 0.°9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.03	+22 45.1	1.872	2.652	16.1	19.2
10 18	3 54.51	+22 39.3	1.802	2.669	12.8	19.0
10 28	3 47.40	+22 23.8	1.753	2.687	9.0	18.8
11 7	3 38.41	+21 58.8	1.729	2.704	4.7	18.6
11 17	3 28.52	+21 26.2	1.732	2.720	0.9	18.3
11 27	3 18.94	+20 49.9	1.765	2.737	4.4	18.6
12 7	3 10.76	+20 14.5	1.826	2.754	8.5	18.9
12 17	3 4.75	+19 44.6	1.913	2.770	12.0	19.1

344181 2001 DR_{15} 11 16.7 311.°39 4.°7/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.90	+9 44.3	1.519	2.337	17.5	20.2
10 18	3 52.23	+9 13.8	1.421	2.312	14.2	19.9
10 28	3 46.54	+8 41.6	1.343	2.286	10.2	19.6
11 7	3 38.32	+8 12.1	1.288	2.261	6.3	19.3
11 17	3 28.52	+7 50.6	1.258	2.237	4.9	19.2
11 27	3 18.50	+7 42.2	1.255	2.212	8.2	19.3
12 7	3 9.71	+7 50.7	1.276	2.189	12.7	19.5
12 17	3 3.31	+8 17.5	1.319	2.166	17.1	19.7

363998 2005 UZ_{363} 11 16.7 123.°80 2.°5/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.72	+15 20.3	2.151	2.944	13.9	21.4
10 18	3 49.98	+14 24.3	2.068	2.946	10.9	21.2
10 28	3 44.13	+13 22.0	2.007	2.948	7.5	21.0
11 7	3 36.74	+12 16.7	1.974	2.950	4.1	20.8
11 17	3 28.57	+11 13.1	1.969	2.951	2.6	20.7
11 27	3 20.56	+10 16.0	1.993	2.953	5.4	20.9
12 7	3 13.59	+9 29.9	2.046	2.955	8.9	21.1
12 17	3 8.34	+8 57.7	2.124	2.956	12.0	21.3

430881 2005 QE_{108} 11 16.8 78.°03 0.°9/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 2.48	+22 42.3	1.514	2.303	18.9	21.4
10 18	3 57.70	+22 33.8	1.455	2.328	15.0	21.2
10 28	3 49.79	+22 13.7	1.416	2.352	10.5	21.0
11 7	3 39.64	+21 42.5	1.401	2.376	5.4	20.8
11 17	3 28.51	+21 2.8	1.412	2.400	0.9	20.5
11 27	3 17.90	+20 19.5	1.452	2.424	5.1	20.9
12 7	3 9.12	+19 38.8	1.518	2.447	9.7	21.2
12 17	3 3.00	+19 6.0	1.609	2.470	13.7	21.5

460291 2014 QY_{359} 11 16.8 10.°41 0.°3/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.91	+19 44.1	1.835	2.634	15.7	21.1
10 18	3 49.87	+19 31.0	1.756	2.636	12.4	20.9
10 28	3 44.34	+19 9.9	1.698	2.639	8.6	20.6
11 7	3 36.94	+18 42.2	1.665	2.643	4.3	20.4
11 17	3 28.58	+18 10.5	1.659	2.647	0.3	20.1
11 27	3 20.37	+17 38.6	1.681	2.652	4.7	20.4
12 7	3 13.38	+17 10.8	1.730	2.658	8.8	20.7
12 17	3 8.40	+16 50.8	1.804	2.664	12.5	21.0

434498 2005 SE_{56} 11 16.8 30.°32 0.°7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.97	+18 7.6	1.145	1.974	21.4	20.2
10 18	3 54.30	+18 6.2	1.090	1.987	16.9	20.0
10 28	3 47.98	+17 56.6	1.053	2.002	11.7	19.7
11 7	3 38.92	+17 40.3	1.037	2.017	5.9	19.5
11 17	3 28.54	+17 20.5	1.045	2.034	0.8	19.2
11 27	3 18.63	+17 2.1	1.078	2.051	6.3	19.6
12 7	3 10.76	+16 50.1	1.135	2.070	11.7	20.0
12 17	3 5.93	+16 48.5	1.214	2.089	16.3	20.3

257286 2009 HU_{27} 11 16.8 105.°96 1.°2/17.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 3.42	+22 6.4	1.488	2.278	19.1	21.3
10 18	3 58.80	+22 18.3	1.418	2.290	15.3	21.1
10 28	3 50.84	+22 20.2	1.366	2.302	10.8	20.9
11 7	3 40.32	+22 11.4	1.339	2.314	5.7	20.6
11 17	3 28.51	+21 52.8	1.338	2.326	1.2	20.3
11 27	3 17.01	+21 27.9	1.364	2.337	5.4	20.7
12 7	3 7.30	+21 2.3	1.418	2.348	10.2	21.0
12 17	3 0.41	+20 41.4	1.495	2.358	14.5	21.3

92664 2000 QB_{47} 11 16.8 17.°14 7.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.44	+31 10.1	0.909	1.739	25.5	18.7
10 18	3 52.10	+32 24.8	0.866	1.753	21.2	18.4
10 28	3 47.22	+33 16.3	0.837	1.769	16.3	18.2
11 7	3 38.77	+33 38.5	0.826	1.787	11.3	18.0
11 17	3 28.54	+33 28.8	0.834	1.808	7.9	18.0
11 27	3 18.93	+32 51.3	0.864	1.832	8.9	18.1
12 7	3 11.94	+31 57.1	0.916	1.857	12.8	18.4
12 17	3 8.74	+30 58.5	0.987	1.884	17.0	18.8

137229 1999 RD_{21} 11 16.8 349.°75 6.°4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.37	+28 47.3	1.016	1.844	23.6	19.0
10 18	3 51.26	+29 48.8	0.943	1.833	19.7	18.7
10 28	3 46.89	+30 34.0	0.887	1.823	15.0	18.4
11 7	3 38.85	+30 57.2	0.848	1.815	10.0	18.1
11 17	3 28.54	+30 54.1	0.830	1.809	6.5	17.9
11 27	3 18.17	+30 26.3	0.835	1.805	8.3	18.0
12 7	3 9.98	+29 42.0	0.860	1.803	13.1	18.2
12 17	3 5.52	+28 52.6	0.905	1.803	18.1	18.5

479594 2014 DS_4 11 16.8 341.°78 13.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 49.88	−4 39.5	1.162	1.998	20.7	20.3
10 18	3 48.68	−6 37.0	1.101	1.985	17.9	20.0
10 28	3 44.20	−8 24.2	1.057	1.973	15.4	19.8
11 7	3 37.12	−9 47.2	1.033	1.961	14.0	19.7
11 17	3 28.60	−10 33.8	1.030	1.952	14.5	19.7
11 27	3 20.20	−10 36.3	1.046	1.943	16.6	19.8
12 7	3 13.42	−9 54.5	1.082	1.937	19.5	20.0
12 17	3 9.31	−8 33.8	1.134	1.931	22.5	20.2

261529 2005 WJ_{91} 11 16.8 16.°08 0.°5/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.10	+20 56.3	1.790	2.585	16.2	20.4
10 18	3 51.72	+20 57.4	1.711	2.588	12.9	20.2
10 28	3 45.70	+20 50.2	1.653	2.591	9.0	20.0
11 7	3 37.67	+20 35.3	1.618	2.595	4.7	19.7
11 17	3 28.60	+20 14.3	1.611	2.600	0.5	19.4
11 27	3 19.67	+19 50.3	1.633	2.605	4.6	19.7
12 7	3 12.04	+19 27.9	1.681	2.611	8.9	20.0
12 17	3 6.54	+19 10.8	1.754	2.617	12.7	20.3

279612 2011 EV_{25} 11 16.8 309.°29 1.°8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.30	+23 23.8	1.407	2.211	19.4	20.4
10 18	3 54.59	+23 35.8	1.318	2.198	15.8	20.2
10 28	3 48.41	+23 36.4	1.247	2.186	11.3	19.9
11 7	3 39.35	+23 24.2	1.198	2.173	6.2	19.6
11 17	3 28.55	+22 59.5	1.174	2.161	1.8	19.2
11 27	3 17.67	+22 26.1	1.176	2.150	5.8	19.5
12 7	3 8.38	+21 50.1	1.204	2.139	11.1	19.7
12 17	3 1.95	+21 18.7	1.254	2.128	15.9	20.0

457901 2009 TM_{42} 11 16.8 357.°49 0.°9/16.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.59	+19 14.8	1.755	2.561	16.0	21.2
10 18	3 48.97	+18 46.1	1.673	2.558	12.7	21.0
10 28	3 43.82	+18 8.3	1.612	2.556	8.8	20.8
11 7	3 36.73	+17 23.5	1.575	2.554	4.4	20.5
11 17	3 28.63	+16 35.4	1.565	2.553	0.9	20.3
11 27	3 20.66	+15 49.0	1.583	2.553	5.1	20.6
12 7	3 13.91	+15 9.4	1.627	2.554	9.4	20.8
12 17	3 9.22	+14 40.8	1.696	2.556	13.2	21.1

138207 2000 EN_{149} 11 16.8 244.°98 1.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.41	+17 35.8	1.768	2.560	16.5	20.8
10 18	3 55.31	+17 22.3	1.673	2.549	13.2	20.5
10 28	3 48.36	+17 1.9	1.598	2.538	9.2	20.3
11 7	3 39.13	+16 36.0	1.548	2.525	4.7	20.0
11 17	3 28.58	+16 7.1	1.525	2.513	1.1	19.7
11 27	3 17.99	+15 39.0	1.531	2.500	5.4	20.0
12 7	3 8.65	+15 16.4	1.564	2.487	10.1	20.2
12 17	3 1.58	+15 3.2	1.622	2.473	14.2	20.4

122337 2000 QA_{35} 11 16.8 63.°39 1.°5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.22	+23 58.9	1.541	2.333	18.5	20.4
10 18	3 55.34	+23 57.9	1.472	2.346	14.8	20.2
10 28	3 48.35	+23 44.7	1.423	2.359	10.5	20.0
11 7	3 39.04	+23 19.0	1.398	2.372	5.7	19.8
11 17	3 28.59	+22 42.6	1.398	2.386	1.6	19.5
11 27	3 18.47	+22 0.1	1.426	2.399	5.1	19.8
12 7	3 10.04	+21 17.8	1.481	2.413	9.7	20.1
12 17	3 4.20	+20 41.5	1.560	2.427	13.8	20.4

160054 1999 TZ_{290} 11 16.8 33.°74 5.°4/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.07	+11 7.0	1.175	2.011	20.5	18.8
10 18	3 52.25	+10 0.6	1.135	2.035	16.1	18.6
10 28	3 46.18	+ 8 52.3	1.113	2.060	11.3	18.4
11 7	3 37.86	+ 7 49.2	1.113	2.087	6.9	18.2
11 17	3 28.63	+ 6 58.9	1.137	2.114	5.6	18.3
11 27	3 20.03	+ 6 27.5	1.186	2.142	8.8	18.5
12 7	3 13.33	+ 6 17.8	1.259	2.171	12.9	18.8
12 17	3 9.31	+ 6 29.4	1.353	2.201	16.6	19.2

58016 2002 UH_{29} 11 16.8 38.°71 6.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.33	+ 5 56.4	1.604	2.418	17.0	18.5
10 18	3 51.81	+ 5 5.0	1.543	2.428	13.6	18.4
10 28	3 45.67	+ 4 16.0	1.502	2.438	10.0	18.2
11 7	3 37.61	+ 3 35.2	1.485	2.449	6.9	18.0
11 17	3 28.64	+ 3 8.0	1.495	2.461	6.3	18.0
11 27	3 19.96	+ 2 58.8	1.530	2.472	8.6	18.2
12 7	3 12.67	+ 3 9.0	1.591	2.485	12.0	18.4
12 17	3 7.55	+ 3 38.0	1.674	2.497	15.2	18.6

46132 2001 FG_{49} 11 16.8 284.°72 1.°6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.10	+24 27.9	1.852	2.633	16.2	19.7
10 18	3 53.64	+24 24.2	1.743	2.609	13.2	19.5
10 28	3 47.33	+24 8.8	1.654	2.586	9.5	19.2
11 7	3 38.69	+23 41.1	1.589	2.563	5.3	18.9
11 17	3 28.60	+23 1.8	1.552	2.539	1.6	18.6
11 27	3 18.35	+22 14.3	1.543	2.515	4.9	18.8
12 7	3 9.26	+21 24.4	1.561	2.491	9.4	19.0
12 17	3 2.39	+20 38.4	1.605	2.467	13.7	19.2

374674 2006 PA_{15} 11 16.8 86.°08 5.°4/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 4.17	+31 8.1	1.452	2.221	20.4	21.2
10 18	3 59.85	+31 45.6	1.384	2.235	16.9	21.0
10 28	3 51.83	+32 6.1	1.333	2.249	12.8	20.7
11 7	3 40.93	+32 5.4	1.305	2.263	8.5	20.5
11 17	3 28.56	+31 41.7	1.301	2.276	5.5	20.4
11 27	3 16.56	+30 58.1	1.324	2.289	6.8	20.5
12 7	3 6.60	+30 2.6	1.373	2.303	10.6	20.8
12 17	2 59.77	+29 4.4	1.446	2.316	14.5	21.0

241262 2007 TK_{339} 11 16.8 31.°15 2.°4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.98	+15 12.0	1.747	2.550	16.2	21.0
10 18	3 52.36	+14 35.9	1.667	2.551	12.8	20.8
10 28	3 46.12	+13 53.8	1.609	2.552	8.9	20.6
11 7	3 37.90	+13 8.9	1.576	2.553	4.7	20.3
11 17	3 28.66	+12 25.3	1.569	2.554	2.5	20.2
11 27	3 19.57	+11 48.1	1.591	2.555	6.0	20.4
12 7	3 11.78	+11 21.5	1.640	2.557	10.1	20.7
12 17	3 6.12	+11 8.5	1.713	2.558	13.8	20.9

25757 2000 BS_{20} 11 16.8 29.°35 0.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.85	+20 55.6	1.481	2.288	18.4	18.4
10 18	3 52.77	+20 48.2	1.413	2.297	14.7	18.2
10 28	3 46.64	+20 30.6	1.365	2.307	10.2	17.9
11 7	3 38.22	+20 4.0	1.339	2.317	5.2	17.7
11 17	3 28.65	+19 30.9	1.340	2.328	0.3	17.3
11 27	3 19.38	+18 56.0	1.367	2.340	5.2	17.8
12 7	3 11.70	+18 24.8	1.420	2.352	10.0	18.1
12 17	3 6.54	+18 2.1	1.497	2.365	14.1	18.3

186142 Gillespie 11 16.8 322.°23 4.°5/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 50.63	+12 44.8	1.567	2.390	16.8	20.5
10 18	3 48.69	+11 38.6	1.470	2.364	13.5	20.2
10 28	3 43.98	+10 23.9	1.393	2.339	9.6	19.9
11 7	3 37.00	+ 9 6.1	1.340	2.315	5.8	19.6
11 17	3 28.68	+ 7 52.1	1.313	2.292	4.8	19.5
11 27	3 20.25	+ 6 49.9	1.313	2.269	8.1	19.6
12 7	3 13.01	+ 6 6.3	1.337	2.247	12.5	19.8
12 17	3 7.98	+ 5 44.8	1.383	2.226	16.7	20.0

407815 2012 AY_{8} 11 16.8 288.°51 3.°8/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.62	+31 1.1	2.061	2.816	15.6	21.8
10 18	3 52.93	+31 10.6	1.964	2.808	13.0	21.6
10 28	3 46.60	+31 6.0	1.887	2.800	9.8	21.4
11 7	3 38.20	+30 45.2	1.833	2.792	6.4	21.1
11 17	3 28.65	+30 8.1	1.807	2.784	3.9	21.0
11 27	3 19.14	+29 17.2	1.809	2.776	5.1	21.0
12 7	3 10.84	+28 18.1	1.840	2.768	8.4	21.2
12 17	3 4.66	+27 17.3	1.896	2.760	11.8	21.4

426765 2013 TC_{101} 11 16.8 89.°18 3.°6/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 4.11	+26 46.2	1.458	2.239	19.9	21.3
10 18	3 59.63	+27 19.4	1.389	2.252	16.2	21.1
10 28	3 51.59	+27 39.5	1.339	2.265	11.8	20.8
11 7	3 40.80	+27 43.5	1.311	2.279	7.1	20.6
11 17	3 28.59	+27 30.3	1.309	2.292	3.7	20.4
11 27	3 16.71	+27 2.9	1.334	2.304	5.9	20.6
12 7	3 6.75	+26 27.7	1.386	2.317	10.3	20.9
12 17	2 59.78	+25 52.2	1.462	2.329	14.4	21.2

451723 2013 CD_{216} 11 16.8 154.°83 4.°8/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.66	+34 20.3	2.216	2.946	15.3	21.9
10 18	3 55.11	+34 37.7	2.127	2.950	12.8	21.7
10 28	3 47.96	+34 40.2	2.057	2.954	10.0	21.6
11 7	3 38.82	+34 25.1	2.012	2.957	7.0	21.4
11 17	3 28.65	+33 51.7	1.994	2.960	4.9	21.3
11 27	3 18.62	+33 2.3	2.005	2.963	5.5	21.3
12 7	3 9.88	+32 2.0	2.044	2.966	8.1	21.5
12 17	3 3.27	+30 57.6	2.110	2.968	11.1	21.7

92805 2000 QH_{163} 11 16.8 181.°48 2.°0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.36	+27 3.9	2.181	2.936	14.9	20.7
10 18	3 55.46	+26 50.8	2.087	2.937	12.1	20.5
10 28	3 48.09	+26 25.2	2.015	2.938	8.7	20.3
11 7	3 38.85	+25 46.7	1.969	2.938	5.0	20.0
11 17	3 28.65	+24 56.5	1.952	2.937	2.0	19.8
11 27	3 18.60	+23 58.3	1.965	2.936	4.2	20.0
12 7	3 9.75	+22 57.6	2.007	2.933	7.9	20.2
12 17	3 2.92	+22 0.3	2.077	2.931	11.4	20.4

48649 1995 UH_{37} 11 16.8 33.°56 3.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.98	+13 58.7	1.130	1.966	21.2	18.6
10 18	3 53.41	+13 15.1	1.078	1.979	16.7	18.3
10 28	3 47.31	+12 25.6	1.043	1.993	11.6	18.1
11 7	3 38.59	+11 35.8	1.030	2.008	6.3	17.9
11 17	3 28.66	+10 52.0	1.040	2.024	3.9	17.8
11 27	3 19.22	+10 21.1	1.075	2.040	7.9	18.1
12 7	3 11.77	+10 7.6	1.134	2.058	12.8	18.4
12 17	3 7.24	+10 12.9	1.213	2.076	17.2	18.7

361981 2008 KL_{42} 11 16.8 125.°30 6.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.07	− 0 15.8	2.464	3.247	12.6	21.1
10 18	3 49.83	− 1 21.5	2.399	3.257	10.4	20.9
10 28	3 43.83	− 2 22.2	2.357	3.267	8.2	20.8
11 7	3 36.57	− 3 13.0	2.341	3.277	6.7	20.7
11 17	3 28.72	− 3 49.6	2.353	3.287	6.7	20.7
11 27	3 21.05	− 4 8.7	2.393	3.296	8.1	20.9
12 7	3 14.28	− 4 9.2	2.460	3.305	10.2	21.0
12 17	3 8.97	− 3 51.9	2.550	3.314	12.3	21.2

91449 1999 RQ_{24} 11 16.8 329.°97 4.°2/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.93	+29 40.9	2.026	2.784	15.8	19.0
10 18	3 54.06	+30 20.2	1.933	2.779	13.1	18.8
10 28	3 47.47	+30 48.5	1.861	2.774	9.9	18.6
11 7	3 38.70	+31 3.0	1.812	2.769	6.6	18.4
11 17	3 28.67	+31 1.9	1.790	2.765	4.3	18.3
11 27	3 18.61	+30 46.4	1.797	2.761	5.4	18.3
12 7	3 9.76	+30 20.3	1.831	2.757	8.6	18.5
12 17	3 3.07	+29 49.2	1.891	2.754	11.9	18.7

71748 2000 QD_{182} 11 16.8 302.°50 2.°6/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.89	+24 18.9	1.378	2.177	20.0	18.2
10 18	3 56.76	+24 44.3	1.293	2.170	16.3	17.9
10 28	3 49.99	+24 58.4	1.227	2.162	11.8	17.6
11 7	3 40.21	+24 58.9	1.182	2.155	6.7	17.3
11 17	3 28.63	+24 45.2	1.162	2.148	2.7	17.1
11 27	3 17.02	+24 19.8	1.168	2.141	6.0	17.3
12 7	3 7.13	+23 49.0	1.200	2.135	11.2	17.5
12 17	3 0.26	+23 19.9	1.254	2.128	15.9	17.8

119355 2001 SU_{232} 11 16.8 334.°98 0.°5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.81	+18 53.2	1.901	2.694	15.5	20.0
10 18	3 52.15	+18 43.4	1.815	2.691	12.3	19.8
10 28	3 45.97	+18 26.5	1.749	2.689	8.5	19.5
11 7	3 37.85	+18 3.9	1.709	2.687	4.3	19.3
11 17	3 28.69	+17 37.5	1.696	2.685	0.5	19.0
11 27	3 19.62	+17 11.1	1.712	2.683	4.7	19.3
12 7	3 11.72	+16 48.5	1.756	2.681	8.9	19.6
12 17	3 5.85	+16 33.3	1.824	2.680	12.6	19.8

161966 2007 JP_3 11 16.8 195.°36 2.°7/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.28	+11 15.8	2.944	3.724	10.8	20.9
10 18	3 49.05	+10 30.8	2.851	3.721	8.6	20.7
10 28	3 43.24	+ 9 43.5	2.784	3.718	6.0	20.5
11 7	3 36.28	+ 8 56.6	2.744	3.714	3.6	20.4
11 17	3 28.73	+ 8 13.1	2.734	3.710	2.8	20.3
11 27	3 21.25	+ 7 36.2	2.755	3.706	4.8	20.5
12 7	3 14.49	+ 7 8.5	2.806	3.701	7.3	20.6
12 17	3 8.97	+ 6 51.4	2.884	3.695	9.8	20.8

407589 2011 AG_{61} 11 16.8 342.°47 4.°5/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.58	+ 6 31.5	2.186	2.980	13.6	20.3
10 18	3 50.65	+ 6 1.6	2.104	2.979	10.9	20.1
10 28	3 44.63	+ 5 33.3	2.045	2.978	8.0	19.9
11 7	3 37.08	+ 5 10.4	2.012	2.977	5.3	19.7
11 17	3 28.72	+ 4 56.2	2.007	2.976	4.6	19.7
11 27	3 20.45	+ 4 53.7	2.030	2.975	6.7	19.8
12 7	3 13.15	+ 5 4.5	2.081	2.974	9.6	20.0
12 17	3 7.51	+ 5 28.9	2.156	2.973	12.4	20.2

407029 2009 SR_{47} 11 16.8 28.°70 3.°4/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.30	+28 9.7	2.060	2.822	15.4	20.9
10 18	3 53.33	+28 39.5	1.976	2.827	12.6	20.7
10 28	3 46.79	+28 58.4	1.912	2.831	9.3	20.5
11 7	3 38.27	+29 4.7	1.873	2.836	5.9	20.3
11 17	3 28.69	+28 57.5	1.862	2.841	3.5	20.2
11 27	3 19.20	+28 38.7	1.879	2.846	4.8	20.3
12 7	3 10.92	+28 12.2	1.924	2.851	8.1	20.5
12 17	3 4.71	+27 43.0	1.994	2.857	11.4	20.7

79017 2117 $T\text{-}_1$ 11 16.8 175.°86 1.°3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 2.47	+22 57.6	1.752	2.529	17.1	19.8
10 18	3 57.75	+23 2.6	1.666	2.531	13.8	19.6
10 28	3 50.03	+22 57.7	1.601	2.533	9.8	19.4
11 7	3 39.98	+22 42.2	1.560	2.534	5.3	19.1
11 17	3 28.65	+22 16.9	1.547	2.535	1.3	18.8
11 27	3 17.45	+21 45.1	1.563	2.535	4.9	19.1
12 7	3 7.71	+21 12.0	1.606	2.534	9.4	19.4
12 17	3 0.43	+20 43.1	1.675	2.533	13.4	19.6

183187 2002 SA_{65} 11 16.8 136.°58 2.°1/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 3.85	+24 29.8	1.767	2.538	17.3	21.7
10 18	3 58.74	+24 45.5	1.689	2.548	13.9	21.5
10 28	3 50.63	+24 50.7	1.631	2.559	10.0	21.2
11 7	3 40.23	+24 44.0	1.597	2.568	5.6	21.0
11 17	3 28.65	+24 25.7	1.592	2.578	2.1	20.8
11 27	3 17.29	+23 58.6	1.615	2.586	4.9	21.0
12 7	3 7.47	+23 27.8	1.667	2.594	9.1	21.3
12 17	3 0.15	+22 58.8	1.744	2.602	13.0	21.5

305328 2008 AT_{93} 11 16.8 354.°04 2.°8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.49	+25 48.8	1.661	2.448	17.6	20.7
10 18	3 53.32	+26 9.1	1.577	2.445	14.3	20.4
10 28	3 47.14	+26 17.7	1.512	2.443	10.4	20.2
11 7	3 38.59	+26 13.2	1.471	2.441	6.1	20.0
11 17	3 28.70	+25 55.4	1.455	2.440	2.8	19.7
11 27	3 18.89	+25 27.1	1.467	2.439	5.2	19.9
12 7	3 10.51	+24 53.5	1.506	2.439	9.5	20.2
12 17	3 4.58	+24 20.7	1.569	2.440	13.5	20.4

489803 2008 CB_{182} 11 16.8 263.°86 2.°8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.53	+26 52.3	2.294	3.048	14.2	21.8
10 18	3 55.06	+27 16.2	2.180	3.027	11.7	21.6
10 28	3 48.07	+27 31.1	2.087	3.006	8.7	21.4
11 7	3 39.03	+27 35.2	2.019	2.984	5.3	21.1
11 17	3 28.70	+27 27.5	1.980	2.962	2.8	20.9
11 27	3 18.19	+27 9.3	1.971	2.939	4.5	21.0
12 7	3 8.63	+26 43.8	1.991	2.916	8.0	21.2
12 17	3 0.95	+26 15.7	2.038	2.893	11.5	21.4

55819 1995 EF_7 11 16.8 356.°79 1.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.69	+22 38.2	1.809	2.596	16.3	19.8
10 18	3 53.08	+22 40.9	1.724	2.596	13.1	19.6
10 28	3 46.74	+22 34.1	1.660	2.595	9.3	19.4
11 7	3 38.31	+22 17.7	1.619	2.594	5.0	19.1
11 17	3 28.73	+21 52.9	1.606	2.594	1.1	18.9
11 27	3 19.25	+21 23.1	1.622	2.594	4.6	19.1
12 7	3 11.07	+20 52.9	1.664	2.594	8.9	19.4
12 17	3 5.09	+20 27.1	1.732	2.595	12.8	19.6

335413 2005 TG_{169} 11 16.8 339.°86 1.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.46	+23 21.2	1.445	2.246	19.1	21.1
10 18	3 54.48	+23 28.5	1.363	2.242	15.4	20.9
10 28	3 48.17	+23 24.1	1.300	2.238	11.0	20.6
11 7	3 39.20	+23 7.2	1.260	2.235	6.0	20.3
11 17	3 28.71	+22 38.8	1.244	2.232	1.6	20.0
11 27	3 18.31	+22 3.0	1.256	2.229	5.5	20.3
12 7	3 9.53	+21 26.0	1.293	2.227	10.6	20.6
12 17	3 3.50	+20 54.3	1.353	2.225	15.1	20.8

359824 2011 UJ_{305} 11 16.8 3.°03 10.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.59	− 2 50.5	1.562	2.373	17.5	20.1
10 18	3 50.62	− 4 10.1	1.500	2.372	14.7	19.9
10 28	3 45.00	− 5 20.5	1.458	2.372	12.1	19.7
11 7	3 37.38	− 6 13.2	1.439	2.372	10.3	19.6
11 17	3 28.76	− 6 40.9	1.443	2.374	10.4	19.6
11 27	3 20.34	− 6 39.0	1.472	2.375	12.2	19.7
12 7	3 13.28	− 6 7.4	1.523	2.378	14.8	19.9
12 17	3 8.37	− 5 9.4	1.595	2.381	17.5	20.1

67967 2000 WB_{188} 11 16.8 83.°72 2.°8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.26	+28 1.8	1.398	2.184	20.3	19.5
10 18	3 57.40	+27 51.7	1.330	2.197	16.5	19.3
10 28	3 50.03	+27 23.4	1.279	2.209	11.9	19.1
11 7	3 40.00	+26 36.0	1.251	2.222	6.9	18.8
11 17	3 28.70	+25 31.6	1.249	2.234	2.9	18.6
11 27	3 17.84	+24 16.7	1.273	2.246	5.6	18.8
12 7	3 8.94	+23 0.7	1.324	2.258	10.4	19.1
12 17	3 3.00	+21 52.2	1.399	2.270	14.7	19.4

447301 2005 WK_{103} 11 16.8 23.°81 4.°0/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.72	+ 9 30.8	1.486	2.304	17.8	19.9
10 18	3 52.41	+ 9 19.2	1.426	2.316	14.2	19.7
10 28	3 46.25	+ 9 8.9	1.386	2.329	10.0	19.5
11 7	3 38.00	+ 9 3.4	1.369	2.343	5.8	19.3
11 17	3 28.75	+ 9 5.9	1.378	2.358	4.1	19.2
11 27	3 19.80	+ 9 19.2	1.414	2.375	7.1	19.5
12 7	3 12.37	+ 9 44.7	1.475	2.391	11.1	19.7
12 17	3 7.28	+10 22.1	1.559	2.409	14.7	20.0

53653 2000 DG_{43} 11 16.8 94.°82 1.°7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	4 1.66	+16 46.3	1.679	2.471	17.2	19.1
10 18	3 56.69	+16 18.9	1.617	2.493	13.5	18.9
10 28	3 48.98	+15 45.2	1.575	2.515	9.3	18.7
11 7	3 39.29	+15 7.6	1.559	2.537	4.7	18.5
11 17	3 28.73	+14 29.7	1.571	2.558	1.7	18.3
11 27	3 18.60	+13 56.1	1.611	2.578	5.5	18.6
12 7	3 10.03	+13 31.2	1.679	2.598	9.7	18.9
12 17	3 3.81	+13 17.6	1.772	2.618	13.4	19.2

453617 2010 PV_{58} 11 16.8 48.°69 12.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.99	−11 59.8	1.704	2.484	17.5	20.6
10 18	3 51.30	−13 47.6	1.667	2.500	15.4	20.5
10 28	3 45.17	−15 17.8	1.650	2.517	13.7	20.5
11 7	3 37.34	−16 21.4	1.655	2.534	12.9	20.5
11 17	3 28.78	−16 51.9	1.683	2.551	13.1	20.5
11 27	3 20.61	−16 46.7	1.732	2.568	14.3	20.6
12 7	3 13.80	−16 7.7	1.803	2.586	15.9	20.8
12 17	3 9.03	−15 0.2	1.891	2.604	17.6	21.0

78817 2003 QO_1 11 16.8 75.°70 0.°1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.68	+20 55.0	1.695	2.486	17.1	20.4
10 18	3 54.50	+20 33.7	1.627	2.503	13.5	20.2
10 28	3 47.57	+20 2.5	1.581	2.519	9.4	20.0
11 7	3 38.63	+19 23.1	1.559	2.536	4.7	19.8
11 17	3 28.76	+18 38.4	1.564	2.552	0.2	19.5
11 27	3 19.25	+17 53.3	1.597	2.569	4.9	19.9
12 7	3 11.23	+17 13.2	1.658	2.585	9.3	20.2
12 17	3 5.52	+16 42.4	1.744	2.601	13.0	20.4

287865 2003 SK_{284} 11 16.8 357.°27 10.°4/21.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.05	+38 54.6	1.387	2.143	21.8	20.3
10 18	3 56.09	+40 24.6	1.310	2.139	19.0	20.1
10 28	3 50.03	+41 35.0	1.250	2.136	15.8	19.9
11 7	3 40.44	+42 17.5	1.209	2.134	12.7	19.7
11 17	3 28.72	+42 25.2	1.190	2.134	10.6	19.6
11 27	3 16.94	+41 57.3	1.194	2.134	10.8	19.6
12 7	3 7.23	+41 0.5	1.221	2.136	13.0	19.7
12 17	3 1.07	+39 46.3	1.269	2.138	16.1	19.9

40771 1999 TP_{19} 11 16.8 91.°52 2.°4/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.59	+25 14.7	1.854	2.622	16.7	19.5
10 18	3 57.52	+25 37.9	1.784	2.641	13.4	19.3
10 28	3 49.66	+25 50.8	1.735	2.660	9.7	19.2
11 7	3 39.71	+25 51.9	1.710	2.679	5.6	19.0
11 17	3 28.75	+25 41.2	1.713	2.697	2.5	18.8
11 27	3 18.08	+25 21.1	1.745	2.715	4.7	19.0
12 7	3 8.90	+24 56.2	1.805	2.733	8.6	19.3
12 17	3 2.07	+24 31.6	1.891	2.750	12.1	19.5

302608 2002 QP_{105} 11 16.8 157.°41 0.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.51	+20 29.3	1.961	2.743	15.4	21.6
10 18	3 54.23	+20 30.3	1.875	2.745	12.3	21.4
10 28	3 47.39	+20 24.1	1.811	2.746	8.6	21.2
11 7	3 38.61	+20 10.8	1.772	2.748	4.4	20.9
11 17	3 28.78	+19 51.8	1.761	2.749	0.3	20.6
11 27	3 19.05	+19 30.0	1.779	2.751	4.4	20.9
12 7	3 10.54	+19 9.4	1.826	2.752	8.6	21.2
12 17	3 4.08	+18 53.6	1.898	2.753	12.2	21.4

48173 2001 HM_{19} 11 16.8 37.°58 0.°5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.07	+19 41.6	1.633	2.435	17.2	19.6
10 18	3 52.66	+19 21.6	1.560	2.442	13.7	19.4
10 28	3 46.46	+18 52.4	1.508	2.449	9.5	19.2
11 7	3 38.15	+18 15.9	1.479	2.457	4.8	18.9
11 17	3 28.79	+17 35.2	1.476	2.465	0.6	18.6
11 27	3 19.67	+16 55.1	1.502	2.473	5.2	19.0
12 7	3 11.99	+16 20.8	1.554	2.482	9.7	19.3
12 17	3 6.61	+15 56.5	1.631	2.491	13.6	19.5

75725 2000 AD_{131} 11 16.8 331.°26 1.°0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.47	+22 23.1	1.472	2.281	18.4	19.0
10 18	3 51.34	+22 22.1	1.382	2.266	14.9	18.7
10 28	3 46.06	+22 9.5	1.310	2.252	10.6	18.4
11 7	3 38.19	+21 45.4	1.261	2.239	5.6	18.1
11 17	3 28.78	+21 11.4	1.238	2.226	1.0	17.8
11 27	3 19.33	+20 31.9	1.240	2.214	5.4	18.0
12 7	3 11.31	+19 53.1	1.268	2.203	10.6	18.3
12 17	3 5.87	+19 21.3	1.318	2.193	15.2	18.5

301461 2009 DX_{117} 11 16.8 112.°88 2.°7/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.82	+27 19.9	1.961	2.726	16.0	21.2
10 18	3 54.60	+27 30.2	1.877	2.731	13.0	21.0
10 28	3 47.70	+27 28.5	1.814	2.736	9.5	20.8
11 7	3 38.78	+27 13.6	1.775	2.741	5.7	20.6
11 17	3 28.78	+26 45.7	1.764	2.746	2.8	20.4
11 27	3 18.94	+26 7.9	1.781	2.751	4.7	20.6
12 7	3 10.42	+25 25.1	1.827	2.756	8.4	20.8
12 17	3 4.07	+24 43.0	1.898	2.760	11.9	21.0

445338 2010 KU_{8} 11 16.8 112.°35 2.°2/15.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.17	+14 50.3	2.262	3.043	13.6	22.7
10 18	3 53.21	+14 5.7	2.194	3.065	10.7	22.5
10 28	3 46.22	+13 16.6	2.149	3.086	7.4	22.3
11 7	3 37.83	+12 26.0	2.131	3.106	3.9	22.2
11 17	3 28.81	+11 37.5	2.143	3.126	2.3	22.1
11 27	3 20.08	+10 55.1	2.185	3.145	5.0	22.3
12 7	3 12.47	+10 22.1	2.256	3.163	8.2	22.5
12 17	3 6.58	+10 0.8	2.354	3.181	11.2	22.8

9619 Terrygilliam 11 16.8 42.°26 5.°6/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 58.86	+ 9 37.0	1.118	1.951	21.5	17.3
10 18	3 55.42	+ 8 48.8	1.077	1.976	17.0	17.1
10 28	3 48.50	+ 8 1.0	1.055	2.001	12.0	16.9
11 7	3 39.14	+ 7 20.2	1.054	2.027	7.3	16.8
11 17	3 28.79	+ 6 52.8	1.077	2.054	5.8	16.8
11 27	3 19.13	+ 6 43.6	1.125	2.082	9.0	17.1
12 7	3 11.56	+ 6 54.3	1.196	2.110	13.3	17.4
12 17	3 6.89	+ 7 23.8	1.288	2.138	17.1	17.7

338438 2003 EH_{15} 11 16.8 245.°91 3.°6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.98	+29 5.6	1.778	2.544	17.4	20.7
10 18	3 56.07	+29 18.9	1.683	2.536	14.3	20.5
10 28	3 49.09	+29 17.9	1.608	2.528	10.7	20.2
11 7	3 39.64	+29 0.4	1.555	2.519	6.7	20.0
11 17	3 28.77	+28 25.8	1.530	2.510	3.7	19.8
11 27	3 17.91	+27 36.9	1.532	2.502	5.4	19.9
12 7	3 8.47	+26 40.0	1.562	2.493	9.4	20.1
12 17	3 1.51	+25 42.6	1.617	2.483	13.4	20.3

160589 1999 RU_{25} 11 16.8 17.°22 3.°3/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.13	+25 41.3	1.162	1.982	21.7	18.7
10 18	3 52.42	+26 7.9	1.103	1.991	17.6	18.4
10 28	3 46.97	+26 19.1	1.061	2.001	12.7	18.2
11 7	3 38.62	+26 13.4	1.040	2.013	7.4	17.9
11 17	3 28.80	+25 51.0	1.041	2.026	3.4	17.7
11 27	3 19.33	+25 16.6	1.067	2.041	6.1	18.0
12 7	3 11.90	+24 37.6	1.117	2.057	11.1	18.3
12 17	3 7.57	+24 2.0	1.188	2.075	15.6	18.6

384755 2011 QT_{63} 11 16.8 116.°05 7.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 4.12	+40 55.4	2.003	2.706	17.6	20.9
10 18	3 59.33	+41 43.0	1.923	2.715	15.2	20.7
10 28	3 51.27	+42 11.8	1.860	2.724	12.5	20.6
11 7	3 40.68	+42 16.6	1.820	2.733	9.9	20.4
11 17	3 28.76	+41 54.3	1.804	2.742	8.1	20.3
11 27	3 17.05	+41 6.2	1.816	2.751	8.1	20.4
12 7	3 7.02	+39 58.2	1.854	2.759	9.9	20.5
12 17	2 59.70	+38 39.2	1.918	2.767	12.4	20.7

192999 2000 DG_{111} 11 16.8 337.°68 8.°7/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 51.49	− 2 43.0	2.022	2.820	14.5	19.6
10 18	3 48.41	− 4 8.9	1.951	2.813	12.2	19.4
10 28	3 43.21	− 5 28.6	1.901	2.808	10.1	19.3
11 7	3 36.44	− 6 34.9	1.876	2.803	8.8	19.2
11 17	3 28.85	− 7 21.4	1.877	2.798	9.0	19.2
11 27	3 21.36	− 7 43.6	1.903	2.793	10.6	19.3
12 7	3 14.87	− 7 40.1	1.953	2.789	12.8	19.4
12 17	3 10.07	− 7 12.3	2.025	2.785	15.1	19.6

361980 2008 KA_{39} 11 16.8 122.°71 5.°6/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.46	+ 3 27.8	2.281	3.072	13.3	20.9
10 18	3 50.39	+ 2 36.0	2.208	3.077	10.7	20.7
10 28	3 44.37	+ 1 47.1	2.158	3.082	8.1	20.6
11 7	3 36.95	+ 1 5.7	2.134	3.088	6.1	20.5
11 17	3 28.84	+ 0 35.9	2.138	3.093	5.8	20.5
11 27	3 20.88	+ 0 21.3	2.171	3.097	7.5	20.6
12 7	3 13.88	+ 0 23.3	2.230	3.102	10.0	20.7
12 17	3 8.45	+ 0 41.7	2.314	3.107	12.5	20.9

407134 2009 SF_{362} 11 16.8 33.°70 0.°5/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.31	+21 7.1	2.099	2.882	14.5	21.4
10 18	3 51.51	+21 5.4	2.016	2.886	11.6	21.2
10 28	3 45.40	+20 56.1	1.955	2.890	8.1	21.0
11 7	3 37.56	+20 39.8	1.919	2.895	4.2	20.8
11 17	3 28.83	+20 18.1	1.911	2.899	0.5	20.5
11 27	3 20.22	+19 53.7	1.932	2.904	4.1	20.8
12 7	3 12.71	+19 30.3	1.982	2.909	7.9	21.1
12 17	3 7.05	+19 11.6	2.057	2.914	11.3	21.3

76353 2000 EB_{166} 11 16.8 134.°55 0.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.69	+20 33.1	2.750	3.519	11.8	20.0
10 18	3 50.35	+20 20.3	2.664	3.527	9.3	19.9
10 28	3 44.25	+20 1.2	2.602	3.535	6.5	19.7
11 7	3 36.88	+19 36.9	2.567	3.543	3.3	19.5
11 17	3 28.86	+19 8.9	2.562	3.550	0.1	19.2
11 27	3 20.97	+18 39.8	2.587	3.558	3.4	19.5
12 7	3 13.93	+18 12.4	2.642	3.565	6.5	19.8
12 17	3 8.31	+17 49.5	2.725	3.571	9.2	20.0

367418 2008 RO_{81} 11 16.8 148.°93 0.°7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.95	+23 5.0	2.565	3.331	12.6	21.8
10 18	3 50.76	+22 51.2	2.475	3.335	10.1	21.6
10 28	3 44.65	+22 29.3	2.409	3.339	7.1	21.4
11 7	3 37.12	+21 59.7	2.369	3.343	3.7	21.2
11 17	3 28.86	+21 24.1	2.358	3.346	0.7	21.0
11 27	3 20.73	+20 45.4	2.378	3.350	3.5	21.2
12 7	3 13.51	+20 7.1	2.427	3.353	6.8	21.5
12 17	3 7.84	+19 32.9	2.504	3.356	9.8	21.7

228975 2003 UB_{250} 11 16.8 323.°65 1.°1/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 54.39	+16 14.8	2.074	2.868	14.3	20.4
10 18	3 50.89	+16 10.8	1.980	2.857	11.4	20.2
10 28	3 45.08	+16 2.7	1.907	2.847	7.9	19.9
11 7	3 37.48	+15 51.7	1.860	2.838	4.0	19.7
11 17	3 28.86	+15 39.8	1.841	2.829	1.2	19.5
11 27	3 20.23	+15 29.8	1.851	2.820	4.7	19.7
12 7	3 12.60	+15 24.4	1.888	2.811	8.6	19.9
12 17	3 6.76	+15 26.1	1.951	2.803	12.1	20.1

6953 Davepierce 11 16.8 105.°53 0.°7/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.44	+18 9.3	2.526	3.302	12.5	18.0
10 18	3 51.01	+17 49.8	2.449	3.317	9.9	17.9
10 28	3 44.72	+17 24.9	2.396	3.332	6.8	17.7
11 7	3 37.11	+16 56.2	2.369	3.346	3.4	17.5
11 17	3 28.87	+16 25.7	2.373	3.361	0.7	17.3
11 27	3 20.81	+15 56.5	2.406	3.375	3.8	17.6
12 7	3 13.70	+15 31.4	2.470	3.389	7.0	17.8
12 17	3 8.11	+15 12.9	2.560	3.402	9.9	18.0

359700 2011 SX_{222} 11 16.8 30.°45 10.°1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 53.28	− 0 39.8	1.484	2.301	17.9	20.0
10 18	3 50.40	− 2 25.9	1.432	2.310	14.9	19.8
10 28	3 44.82	− 4 4.6	1.401	2.320	12.0	19.7
11 7	3 37.30	− 5 26.1	1.393	2.330	10.3	19.6
11 17	3 28.87	− 6 22.0	1.409	2.341	10.4	19.7
11 27	3 20.76	− 6 46.8	1.449	2.353	12.3	19.8
12 7	3 14.10	− 6 39.9	1.512	2.365	15.0	20.0
12 17	3 9.64	− 6 4.3	1.594	2.378	17.6	20.2

436444 2011 CJ_{44} 11 16.8 143.°43 0.°2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.56	+21 39.1	1.706	2.494	17.1	22.3
10 18	3 55.36	+21 7.2	1.627	2.500	13.7	22.0
10 28	3 48.30	+20 23.7	1.568	2.505	9.5	21.8
11 7	3 39.11	+19 30.1	1.534	2.511	4.8	21.5
11 17	3 28.84	+18 29.9	1.527	2.515	0.2	21.2
11 27	3 18.81	+17 28.8	1.549	2.520	5.1	21.6
12 7	3 10.26	+16 33.3	1.598	2.524	9.6	21.9
12 17	3 4.05	+15 48.6	1.673	2.528	13.6	22.1

88644 2001 RA_{65} 11 16.8 66.°46 2.°6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.67	+27 23.6	1.469	2.254	19.6	19.2
10 18	3 56.66	+27 16.6	1.406	2.273	15.8	19.0
10 28	3 49.36	+26 53.1	1.362	2.292	11.4	18.8
11 7	3 39.64	+26 12.7	1.340	2.311	6.5	18.6
11 17	3 28.83	+25 17.4	1.345	2.330	2.7	18.4
11 27	3 18.50	+24 13.2	1.377	2.349	5.3	18.6
12 7	3 10.04	+23 8.0	1.435	2.369	9.8	18.9
12 17	3 4.35	+22 9.5	1.518	2.388	13.9	19.2

440121 2003 SD_{133} 11 16.8 29.°28 7.°3/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.01	+10 59.5	1.171	2.012	20.2	20.4
10 18	3 49.92	+ 8 44.1	1.128	2.031	16.0	20.2
10 28	3 44.68	+ 6 23.9	1.105	2.052	11.5	20.0
11 7	3 37.23	+ 4 11.0	1.105	2.073	8.0	19.9
11 17	3 28.89	+ 2 17.7	1.130	2.096	7.8	19.9
11 27	3 21.11	+ 0 54.2	1.179	2.120	10.8	20.2
12 7	3 15.14	+ 0 4.5	1.252	2.145	14.5	20.5
12 17	3 11.70	− 0 12.2	1.344	2.171	18.0	20.8

480087 2015 DB_{220} 11 16.8 264.°57 1.°5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.50	+25 21.4	1.503	2.295	18.9	21.1
10 18	3 55.19	+25 0.9	1.418	2.291	15.3	20.8
10 28	3 48.59	+24 24.4	1.352	2.288	10.9	20.5
11 7	3 39.42	+23 31.9	1.310	2.284	6.0	20.2
11 17	3 28.85	+22 25.9	1.293	2.281	1.5	19.9
11 27	3 18.43	+21 12.6	1.304	2.277	5.4	20.2
12 7	3 9.65	+20 0.5	1.341	2.273	10.4	20.5
12 17	3 3.56	+18 57.6	1.402	2.270	14.9	20.7

314989 2006 XR_{70} 11 16.8 44.°97 3.°1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.49	+27 59.8	1.937	2.704	16.1	20.7
10 18	3 53.63	+28 15.5	1.855	2.709	13.1	20.5
10 28	3 47.09	+28 18.9	1.793	2.715	9.6	20.3
11 7	3 38.52	+28 8.7	1.756	2.721	5.9	20.1
11 17	3 28.87	+27 44.8	1.745	2.727	3.2	19.9
11 27	3 19.38	+27 10.0	1.763	2.733	4.8	20.0
12 7	3 11.20	+26 29.2	1.809	2.739	8.4	20.3
12 17	3 5.19	+25 48.3	1.881	2.746	11.9	20.5

39992 1998 HB_{38} 11 16.8 127.°75 1.°0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.59	+23 43.4	2.197	2.960	14.5	20.0
10 18	3 55.44	+23 34.0	2.119	2.976	11.6	19.8
10 28	3 47.98	+23 15.0	2.064	2.992	8.2	19.6
11 7	3 38.83	+22 46.7	2.034	3.007	4.4	19.4
11 17	3 28.88	+22 10.6	2.033	3.021	1.1	19.2
11 27	3 19.17	+21 30.1	2.063	3.035	4.0	19.4
12 7	3 10.69	+20 49.7	2.123	3.048	7.6	19.7
12 17	3 4.14	+20 13.6	2.209	3.060	10.9	19.9

190985 2001 XB_{177} 11 16.8 23.°24 5.°3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.80	+ 9 17.6	1.281	2.110	19.5	19.5
10 18	3 53.00	+ 8 38.5	1.221	2.117	15.6	19.3
10 28	3 46.97	+ 7 59.2	1.179	2.124	11.1	19.1
11 7	3 38.53	+ 7 25.5	1.159	2.132	6.9	18.9
11 17	3 28.88	+ 7 3.0	1.164	2.141	5.5	18.8
11 27	3 19.55	+ 6 56.8	1.194	2.151	8.6	19.0
12 7	3 11.92	+ 7 9.1	1.248	2.162	12.9	19.3
12 17	3 6.94	+ 7 39.7	1.324	2.174	16.8	19.6

81162 2000 EK_{158} 11 16.8 274.°19 0.°2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.06	+23 21.5	2.025	2.804	15.1	19.9
10 18	3 52.44	+22 43.1	1.917	2.784	12.2	19.7
10 28	3 46.30	+21 51.6	1.829	2.764	8.6	19.4
11 7	3 38.17	+20 47.8	1.768	2.744	4.5	19.1
11 17	3 28.89	+19 34.8	1.734	2.723	0.2	18.7
11 27	3 19.58	+18 17.8	1.731	2.702	4.6	19.0
12 7	3 11.35	+17 3.5	1.755	2.681	8.9	19.3
12 17	3 5.09	+15 58.0	1.806	2.660	12.8	19.5

118652 2000 JM_{36} 11 16.8 207.°96 0.°2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.49	+19 13.4	1.769	2.555	16.7	19.9
10 18	3 56.99	+19 26.1	1.681	2.552	13.4	19.6
10 28	3 49.58	+19 32.8	1.613	2.550	9.4	19.4
11 7	3 39.87	+19 33.5	1.570	2.547	4.8	19.1
11 17	3 28.86	+19 28.7	1.555	2.544	0.2	18.7
11 27	3 17.87	+19 20.9	1.568	2.540	4.9	19.1
12 7	3 8.21	+19 13.7	1.610	2.536	9.5	19.4
12 17	3 0.89	+19 10.7	1.676	2.532	13.5	19.6

14462 1993 GA 11 16.8 129.°88 2.°7/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.21	+25 43.5	1.774	2.542	17.3	19.9
10 18	3 58.35	+26 5.9	1.695	2.552	14.0	19.7
10 28	3 50.47	+26 17.4	1.636	2.561	10.2	19.5
11 7	3 40.27	+26 16.1	1.601	2.570	5.9	19.2
11 17	3 28.86	+26 1.7	1.594	2.578	2.7	19.1
11 27	3 17.63	+25 36.6	1.616	2.586	5.0	19.2
12 7	3 7.93	+25 6.0	1.666	2.594	9.1	19.5
12 17	3 0.72	+24 35.6	1.740	2.601	12.9	19.7

72600 2001 FS_{12} 11 16.8 328.°46 3.°2/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.23	+27 13.5	2.178	2.937	14.8	19.4
10 18	3 54.06	+27 50.1	2.084	2.934	12.1	19.2
10 28	3 47.37	+28 17.8	2.012	2.930	8.9	19.0
11 7	3 38.70	+28 34.5	1.965	2.927	5.6	18.8
11 17	3 28.89	+28 39.0	1.945	2.924	3.3	18.6
11 27	3 19.05	+28 32.3	1.955	2.922	4.7	18.7
12 7	3 10.31	+28 17.5	1.993	2.919	8.0	18.9
12 17	3 3.53	+27 59.1	2.057	2.917	11.2	19.1

39257 2000 YT_{122} 11 16.8 48.°47 6.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.31	+ 8 11.0	1.538	2.355	17.4	18.5
10 18	3 51.99	+ 6 53.4	1.475	2.363	13.9	18.3
10 28	3 45.94	+ 5 34.6	1.434	2.372	10.1	18.1
11 7	3 37.90	+ 4 21.5	1.416	2.381	6.9	18.0
11 17	3 28.91	+ 3 21.4	1.424	2.391	6.4	17.9
11 27	3 20.21	+ 2 40.7	1.459	2.401	9.0	18.1
12 7	3 12.96	+ 2 22.6	1.518	2.411	12.5	18.4
12 17	3 7.95	+ 2 27.2	1.599	2.421	15.8	18.6

27434 Anirudhjain 11 16.8 171.°22 3.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.70	+12 20.9	1.940	2.739	15.0	19.0
10 18	3 51.89	+11 41.1	1.859	2.739	11.9	18.8
10 28	3 45.72	+10 57.8	1.799	2.739	8.3	18.5
11 7	3 37.78	+10 14.6	1.765	2.739	4.8	18.3
11 17	3 28.92	+ 9 35.5	1.759	2.739	3.4	18.2
11 27	3 20.19	+ 9 5.1	1.782	2.739	6.2	18.4
12 7	3 12.59	+ 8 46.8	1.831	2.740	9.8	18.6
12 17	3 6.89	+ 8 42.3	1.906	2.740	13.1	18.9

177782 2005 LG_1 11 16.8 89.°51 2.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.03	+15 31.0	1.571	2.367	18.0	20.8
10 18	3 57.94	+15 5.3	1.513	2.391	14.2	20.6
10 28	3 49.94	+14 34.4	1.475	2.416	9.8	20.4
11 7	3 39.87	+14 0.9	1.462	2.439	5.0	20.2
11 17	3 28.90	+13 28.6	1.477	2.463	2.2	20.1
11 27	3 18.40	+13 2.1	1.520	2.486	5.9	20.4
12 7	3 9.60	+12 45.1	1.589	2.508	10.2	20.7
12 17	3 3.29	+12 40.1	1.684	2.530	14.0	20.9

247352 2001 VR_{57} 11 16.8 51.°13 2.°5/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.83	+29 50.0	1.772	2.542	17.3	20.0
10 18	3 53.11	+29 17.2	1.701	2.558	14.0	19.8
10 28	3 46.65	+28 26.6	1.650	2.574	10.2	19.6
11 7	3 38.22	+27 18.7	1.623	2.590	6.0	19.4
11 17	3 28.92	+25 56.6	1.623	2.607	2.6	19.2
11 27	3 20.03	+24 26.6	1.651	2.624	4.6	19.4
12 7	3 12.66	+22 56.8	1.708	2.641	8.6	19.7
12 17	3 7.58	+21 34.7	1.791	2.658	12.2	19.9

395564 2011 UJ_{222} 11 16.8 88.°79 2.°6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.48	+15 18.5	1.870	2.669	15.4	21.1
10 18	3 51.81	+14 29.2	1.790	2.671	12.2	20.9
10 28	3 45.69	+13 33.3	1.732	2.674	8.5	20.7
11 7	3 37.77	+12 34.4	1.700	2.676	4.5	20.5
11 17	3 28.93	+11 37.1	1.695	2.679	2.7	20.4
11 27	3 20.27	+10 46.9	1.720	2.682	5.9	20.6
12 7	3 12.81	+10 8.4	1.771	2.684	9.7	20.8
12 17	3 7.33	+ 9 44.4	1.847	2.687	13.2	21.0

278623 2008 QP_{28} 11 16.8 112.°62 1.°0/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.10	+22 38.3	1.825	2.601	16.6	21.6
10 18	3 57.13	+22 38.2	1.753	2.617	13.3	21.4
10 28	3 49.42	+22 28.5	1.701	2.633	9.3	21.2
11 7	3 39.66	+22 9.1	1.674	2.648	4.9	21.0
11 17	3 28.91	+21 41.5	1.675	2.663	1.0	20.7
11 27	3 18.46	+21 9.1	1.705	2.677	4.6	21.0
12 7	3 9.47	+20 36.9	1.763	2.691	8.8	21.3
12 17	3 2.79	+20 9.5	1.847	2.704	12.5	21.5

152035 2004 NQ_{29} 11 16.8 245.°51 0.°6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.74	+23 6.5	2.000	2.772	15.5	20.8
10 18	3 55.44	+22 46.0	1.892	2.755	12.5	20.5
10 28	3 48.45	+22 14.1	1.805	2.737	8.9	20.3
11 7	3 39.32	+21 31.0	1.743	2.718	4.7	20.0
11 17	3 28.92	+20 38.4	1.710	2.699	0.6	19.6
11 27	3 18.45	+19 40.7	1.707	2.679	4.6	19.9
12 7	3 9.10	+18 43.7	1.733	2.658	9.0	20.1
12 17	3 1.85	+17 53.1	1.784	2.637	13.0	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
315449 2007 XD_3			11 16.8	315.°03	0.°9/17.4	18
	h m	° ′			°	m
10 8	3 55.00	+25 37.7	1.760	2.545	16.8	20.2
10 18	3 51.90	+24 56.2	1.668	2.538	13.5	19.9
10 28	3 46.03	+23 58.4	1.596	2.531	9.6	19.7
11 7	3 38.05	+22 45.4	1.549	2.524	5.2	19.4
11 17	3 28.94	+21 20.8	1.529	2.517	0.9	19.1
11 27	3 19.97	+19 51.1	1.538	2.511	4.8	19.3
12 7	3 12.33	+18 24.5	1.574	2.505	9.3	19.6
12 17	3 6.93	+17 8.3	1.636	2.499	13.4	19.8
26523 2000 CA_{84}			11 16.8	147.°18	0.°7/16.3	18
10 8	3 54.59	+17 59.7	2.740	3.514	11.7	19.5
10 18	3 50.28	+17 42.5	2.654	3.520	9.2	19.4
10 28	3 44.24	+17 20.4	2.591	3.526	6.4	19.2
11 7	3 36.92	+16 54.6	2.555	3.532	3.2	19.0
11 17	3 28.97	+16 27.1	2.549	3.537	0.7	18.8
11 27	3 21.12	+16 0.5	2.574	3.542	3.6	19.0
12 7	3 14.10	+15 37.4	2.628	3.547	6.7	19.3
12 17	3 8.47	+15 20.3	2.710	3.551	9.4	19.4
293887 2007 RH_{290}			11 16.8	84.°69	7.°2/20.6	18
10 8	4 5.48	+36 29.8	1.878	2.603	17.9	20.2
10 18	4 0.50	+37 38.5	1.804	2.617	15.2	20.0
10 28	3 52.19	+38 31.4	1.749	2.631	12.2	19.8
11 7	3 41.26	+39 3.0	1.716	2.645	9.3	19.7
11 17	3 28.89	+39 9.7	1.709	2.659	7.4	19.6
11 27	3 16.68	+38 51.8	1.730	2.673	7.7	19.7
12 7	3 6.15	+38 14.5	1.777	2.687	9.9	19.8
12 17	2 58.38	+37 25.9	1.849	2.700	12.7	20.0
242503 2004 XS_{69}			11 16.8	17.°83	0.°4/17.0	18
10 8	3 55.81	+19 35.1	1.825	2.620	15.9	20.2
10 18	3 52.28	+19 48.8	1.748	2.625	12.7	20.0
10 28	3 46.17	+19 56.5	1.692	2.630	8.9	19.7
11 7	3 38.08	+19 58.1	1.660	2.637	4.6	19.5
11 17	3 28.95	+19 54.9	1.655	2.644	0.4	19.2
11 27	3 19.96	+19 48.9	1.679	2.652	4.5	19.5
12 7	3 12.22	+19 43.6	1.730	2.660	8.7	19.8
12 17	3 6.57	+19 42.2	1.806	2.669	12.4	20.1
270197 2001 TN_2			11 16.8	101.°45	1.°2/16.2	18
10 8	3 59.11	+19 2.8	1.657	2.452	17.3	20.9
10 18	3 54.95	+18 23.4	1.585	2.464	13.7	20.6
10 28	3 47.98	+17 34.4	1.535	2.476	9.4	20.4
11 7	3 38.96	+16 38.4	1.509	2.487	4.7	20.2
11 17	3 28.95	+15 39.9	1.511	2.499	1.3	20.0
11 27	3 19.26	+14 44.6	1.541	2.510	5.5	20.3
12 7	3 11.08	+13 58.2	1.598	2.521	9.9	20.6
12 17	3 5.22	+13 25.0	1.680	2.531	13.8	20.8
207174 2005 CK_{67}			11 16.8	159.°79	6.°3/20.5	18
10 8	4 1.84	+35 59.4	1.977	2.706	17.0	20.6
10 18	3 57.46	+36 40.4	1.889	2.707	14.4	20.5
10 28	3 50.01	+37 5.6	1.820	2.709	11.5	20.3
11 7	3 40.14	+37 10.6	1.774	2.711	8.5	20.1
11 17	3 28.93	+36 52.9	1.754	2.712	6.4	20.0
11 27	3 17.80	+36 14.0	1.762	2.713	6.9	20.0
12 7	3 8.13	+35 19.1	1.797	2.714	9.3	20.2
12 17	3 0.97	+34 16.1	1.857	2.715	12.3	20.3
228001 2007 MD_5			11 16.8	5.°77	3.°8/13.9	18
10 8	3 52.37	+11 37.4	2.214	3.012	13.4	20.5
10 18	3 48.92	+10 26.3	2.132	3.012	10.6	20.3
10 28	3 43.49	+ 9 10.9	2.074	3.012	7.5	20.1
11 7	3 36.61	+ 7 55.7	2.042	3.013	4.7	19.9
11 17	3 28.99	+ 6 46.0	2.040	3.013	4.0	19.9
11 27	3 21.51	+ 5 46.9	2.066	3.014	6.3	20.1
12 7	3 14.99	+ 5 2.4	2.120	3.014	9.4	20.2
12 17	3 10.06	+ 4 34.6	2.199	3.015	12.2	20.4
485355 2011 CC_{62}			11 16.8	191.°69	0.°4/17.1	17
10 8	3 54.66	+21 34.4	2.614	3.383	12.3	22.5
10 18	3 50.56	+21 23.3	2.520	3.382	9.8	22.3
10 28	3 44.55	+21 5.0	2.449	3.381	6.9	22.1
11 7	3 37.14	+20 40.4	2.405	3.380	3.6	21.9
11 17	3 28.99	+20 10.9	2.390	3.379	0.4	21.6
11 27	3 20.91	+19 39.1	2.406	3.377	3.5	21.9
12 7	3 13.68	+19 8.3	2.451	3.376	6.8	22.1
12 17	3 7.95	+18 41.7	2.524	3.374	9.7	22.3
489544 2007 RM_{234}			11 16.8	356.°98	11.°8/21.2	17
10 8	3 53.93	+37 45.2	1.166	1.950	23.7	20.7
10 18	3 53.55	+39 42.7	1.095	1.943	20.7	20.5
10 28	3 48.78	+41 21.1	1.040	1.937	17.3	20.2
11 7	3 40.10	+42 30.4	1.003	1.933	14.1	20.0
11 17	3 28.93	+43 1.5	0.986	1.931	12.0	19.9
11 27	3 17.59	+42 51.7	0.990	1.932	12.2	19.9
12 7	3 8.51	+42 7.6	1.015	1.934	14.6	20.1
12 17	3 3.36	+41 1.6	1.060	1.939	17.8	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
489077 2006 AW_{38}			11 16.8	187.°70	0.°5/17.2	17
	h m	° ′			°	m
10 8	3 55.54	+22 5.0	2.677	3.442	12.2	22.4
10 18	3 51.20	+21 55.6	2.582	3.441	9.7	22.2
10 28	3 44.98	+21 39.1	2.510	3.441	6.8	22.0
11 7	3 37.36	+21 15.8	2.465	3.439	3.6	21.8
11 17	3 29.00	+20 47.3	2.450	3.438	0.5	21.5
11 27	3 20.71	+20 16.0	2.465	3.436	3.4	21.8
12 7	3 13.27	+19 45.0	2.510	3.434	6.7	22.0
12 17	3 7.31	+19 17.7	2.582	3.432	9.6	22.2
283783 2003 QF_{59}			11 16.8	104.°31	0.°2/16.9	18
10 8	4 2.37	+20 21.4	2.062	2.832	15.1	21.2
10 18	3 56.87	+20 17.1	1.994	2.857	12.0	21.0
10 28	3 48.97	+20 5.6	1.949	2.882	8.3	20.8
11 7	3 39.36	+19 47.5	1.930	2.905	4.2	20.6
11 17	3 28.98	+19 24.3	1.939	2.928	0.2	20.3
11 27	3 18.94	+18 59.3	1.979	2.950	4.2	20.7
12 7	3 10.21	+18 36.1	2.049	2.972	8.0	21.0
12 17	3 3.53	+18 18.2	2.145	2.993	11.3	21.2
175005 2004 EA_{73}			11 16.8	25.°77	1.°6/17.7	18
10 8	3 58.64	+23 15.3	1.926	2.704	15.8	20.2
10 18	3 54.54	+23 32.3	1.839	2.704	12.7	20.0
10 28	3 47.78	+23 40.9	1.774	2.705	9.1	19.8
11 7	3 38.96	+23 40.2	1.733	2.705	5.0	19.6
11 17	3 28.99	+23 30.4	1.719	2.706	1.7	19.3
11 27	3 19.09	+23 13.7	1.735	2.707	4.5	19.6
12 7	3 10.43	+22 54.1	1.778	2.707	8.5	19.8
12 17	3 3.90	+22 36.0	1.847	2.708	12.2	20.0
123981 2001 FJ_{42}			11 16.8	220.°16	3.°0/18.7	17
10 8	3 57.32	+28 31.8	2.435	3.184	13.6	20.2
10 18	3 53.03	+28 51.9	2.339	3.182	11.2	20.1
10 28	3 46.49	+29 2.0	2.265	3.180	8.3	19.9
11 7	3 38.23	+29 0.7	2.216	3.177	5.2	19.7
11 17	3 29.01	+28 47.5	2.196	3.174	3.0	19.5
11 27	3 19.80	+28 24.1	2.205	3.172	4.3	19.6
12 7	3 11.59	+27 54.1	2.243	3.169	7.2	19.8
12 17	3 5.14	+27 21.7	2.308	3.166	10.2	20.0
257185 2008 KE_1			11 16.8	17.°19	5.°0/14.4	18
10 8	3 56.19	+ 5 21.2	2.025	2.820	14.5	20.0
10 18	3 52.13	+ 4 54.8	1.947	2.821	11.7	19.8
10 28	3 45.83	+ 4 31.5	1.892	2.823	8.6	19.6
11 7	3 37.86	+ 4 15.1	1.861	2.824	5.9	19.5
11 17	3 29.02	+ 4 9.2	1.858	2.826	5.1	19.4
11 27	3 20.31	+ 4 16.5	1.884	2.827	7.2	19.6
12 7	3 12.66	+ 4 38.2	1.936	2.829	10.2	19.7
12 17	3 6.81	+ 5 13.9	2.013	2.831	13.2	19.9
308876 2006 SU_{72}			11 16.8	156.°21	2.°9/14.9	18
10 8	3 55.73	+13 14.9	2.204	2.994	13.7	21.9
10 18	3 51.58	+12 24.7	2.123	2.998	10.8	21.7
10 28	3 45.34	+11 30.2	2.064	3.002	7.5	21.5
11 7	3 37.57	+10 34.8	2.032	3.006	4.3	21.3
11 17	3 29.03	+ 9 42.6	2.029	3.009	3.0	21.2
11 27	3 20.65	+ 8 58.2	2.056	3.012	5.6	21.4
12 7	3 13.29	+ 8 25.1	2.111	3.015	8.9	21.6
12 17	3 7.62	+ 8 5.4	2.191	3.017	11.9	21.8
227033 2005 AM_{26}			11 16.8	319.°26	1.°0/16.3	17
10 8	3 54.95	+16 29.6	2.125	2.915	14.1	20.5
10 18	3 51.30	+16 26.3	2.031	2.906	11.2	20.3
10 28	3 45.38	+16 18.8	1.959	2.898	7.8	20.0
11 7	3 37.70	+16 8.4	1.913	2.890	4.0	19.8
11 17	3 29.03	+15 56.8	1.895	2.882	1.0	19.5
11 27	3 20.37	+15 46.6	1.906	2.875	4.5	19.8
12 7	3 12.68	+15 40.7	1.945	2.868	8.4	20.0
12 17	3 6.77	+15 41.5	2.010	2.861	11.8	20.2
102486 1999 TY_{258}			11 16.8	353.°18	1.°1/16.3	18
10 8	3 54.11	+18 41.7	1.451	2.267	18.3	20.0
10 18	3 51.66	+18 16.6	1.373	2.263	14.6	19.8
10 28	3 46.14	+17 41.8	1.314	2.260	10.2	19.5
11 7	3 38.23	+16 59.5	1.278	2.257	5.1	19.2
11 17	3 29.03	+16 13.7	1.267	2.255	1.2	19.0
11 27	3 19.95	+15 30.3	1.283	2.254	5.9	19.3
12 7	3 12.37	+14 55.1	1.324	2.254	10.8	19.6
12 17	3 7.29	+14 32.7	1.389	2.255	15.2	19.8
159505 2000 WP_{77}			11 16.8	67.°79	2.°4/18.1	18 R
10 8	4 0.81	+26 27.1	1.586	2.366	18.5	19.7
10 18	3 56.57	+26 28.6	1.522	2.386	14.9	19.5
10 28	3 49.25	+26 15.9	1.477	2.406	10.7	19.3
11 7	3 39.66	+25 48.6	1.456	2.426	6.1	19.1
11 17	3 29.03	+25 8.0	1.461	2.446	2.5	18.9
11 27	3 18.82	+24 18.8	1.494	2.467	5.0	19.2
12 7	3 10.33	+23 27.6	1.555	2.487	9.3	19.5
12 17	3 4.44	+22 41.1	1.639	2.507	13.2	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
12943 6670 *P–L*			11 16.8 297.°17		1.°8/17.7 18	
	h m	° ′			°	m
10 8	3 57.62	+23 49.5	1.761	2.546	16.8	18.8
10 18	3 54.22	+24 3.1	1.663	2.532	13.7	18.5
10 28	3 47.89	+24 6.9	1.586	2.518	9.8	18.2
11 7	3 39.18	+24 0.0	1.532	2.505	5.5	18.0
11 17	3 29.03	+23 42.3	1.504	2.491	1.9	17.7
11 27	3 18.79	+23 16.5	1.505	2.478	4.9	17.9
12 7	3 9.80	+22 47.2	1.533	2.464	9.4	18.1
12 17	3 3.13	+22 20.0	1.585	2.452	13.6	18.3
330568 2008 CR_{42}			11 16.8	6.°01	0.°5/17.1 18	
10 8	3 56.59	+22 45.3	1.271	2.086	20.5	20.6
10 18	3 54.13	+22 25.8	1.198	2.085	16.5	20.4
10 28	3 48.13	+21 51.5	1.143	2.086	11.6	20.1
11 7	3 39.33	+21 3.3	1.109	2.087	6.0	19.8
11 17	3 29.03	+20 4.8	1.099	2.088	0.5	19.4
11 27	3 18.96	+19 2.9	1.116	2.090	5.9	19.8
12 7	3 10.72	+18 6.0	1.157	2.092	11.4	20.1
12 17	3 5.42	+17 21.3	1.220	2.095	16.2	20.4
305229 2007 XK_{15}			11 16.9	335.°92	1.°3/16.5 18	
10 8	3 59.87	+13 54.6	1.640	2.440	17.2	19.7
10 18	3 55.97	+14 21.3	1.552	2.433	13.8	19.5
10 28	3 49.08	+14 47.9	1.485	2.426	9.6	19.2
11 7	3 39.77	+15 15.0	1.442	2.420	5.0	18.9
11 17	3 29.03	+15 43.1	1.426	2.414	1.3	18.7
11 27	3 18.24	+16 13.1	1.438	2.408	5.5	18.9
12 7	3 8.76	+16 46.4	1.477	2.404	10.2	19.2
12 17	3 1.67	+17 24.4	1.541	2.399	14.4	19.5
288288 2004 AO_{19}			11 16.9	200.°96	2.°2/18.2 18	
10 8	3 58.68	+26 23.7	2.174	2.935	14.7	21.8
10 18	3 54.32	+26 28.6	2.080	2.933	12.0	21.7
10 28	3 47.50	+26 22.8	2.007	2.930	8.7	21.4
11 7	3 38.79	+26 5.5	1.960	2.928	5.1	21.2
11 17	3 29.05	+25 37.0	1.940	2.925	2.2	21.0
11 27	3 19.37	+25 0.1	1.950	2.921	4.3	21.2
12 7	3 10.81	+24 19.2	1.990	2.917	7.9	21.4
12 17	3 4.21	+23 39.3	2.055	2.913	11.3	21.6
443311 2014 FB_{37}			11 16.9	164.°23	0.°2/17.0 18	
10 8	3 59.20	+20 38.2	2.157	2.930	14.4	22.1
10 18	3 54.55	+20 34.0	2.069	2.934	11.5	21.9
10 28	3 47.55	+20 22.5	2.004	2.938	8.0	21.7
11 7	3 38.77	+20 4.2	1.965	2.941	4.1	21.5
11 17	3 29.06	+19 40.6	1.955	2.943	0.2	21.2
11 27	3 19.45	+19 14.6	1.974	2.945	4.1	21.5
12 7	3 10.97	+18 49.8	2.023	2.947	8.0	21.7
12 17	3 4.37	+18 30.0	2.098	2.949	11.4	22.0
515560 2014 HF_{23}			11 16.9	141.°31	4.°4/13.9 18	
10 8	3 57.63	+ 5 24.0	2.576	3.353	12.3	22.3
10 18	3 52.61	+ 4 44.4	2.503	3.366	9.8	22.2
10 28	3 45.81	+ 4 6.7	2.454	3.379	7.2	22.0
11 7	3 37.74	+ 3 34.4	2.433	3.391	5.0	21.9
11 17	3 29.07	+ 3 10.6	2.440	3.403	4.5	21.9
11 27	3 20.58	+ 2 58.2	2.479	3.413	6.2	22.0
12 7	3 13.00	+ 2 58.6	2.545	3.424	8.7	22.2
12 17	3 6.89	+ 3 11.9	2.637	3.433	11.0	22.4
512150 2015 PL_{269}			11 16.9	141.°96	6.°8/13.0 18	
10 8	3 57.95	+ 0 56.5	2.093	2.879	14.4	21.6
10 18	3 53.32	− 0 0.1	2.025	2.887	11.8	21.5
10 28	3 46.53	− 0 51.6	1.979	2.895	9.2	21.3
11 7	3 38.18	− 1 32.8	1.958	2.903	7.2	21.2
11 17	3 29.07	− 1 58.7	1.965	2.910	7.0	21.2
11 27	3 20.16	− 2 6.0	2.000	2.916	8.7	21.3
12 7	3 12.35	− 1 53.7	2.061	2.923	11.2	21.5
12 17	3 6.31	− 1 22.9	2.145	2.928	13.7	21.7
335266 2005 NW_6			11 16.9	233.°05	12.°5/ 9.4 18	
10 8	4 1.17	−13 14.0	1.928	2.681	16.6	21.6
10 18	3 56.34	−14 42.5	1.854	2.669	14.8	21.4
10 28	3 48.93	−15 56.9	1.801	2.655	13.3	21.3
11 7	3 39.54	−16 48.3	1.769	2.641	12.5	21.2
11 17	3 29.05	−17 9.2	1.762	2.626	12.8	21.2
11 27	3 18.62	−16 55.3	1.778	2.610	14.1	21.2
12 7	3 9.37	−16 7.0	1.816	2.594	16.0	21.3
12 17	3 2.17	−14 48.5	1.873	2.577	18.0	21.5
254850 2005 RN_{16}			11 16.9	47.°61	0.°4/17.1 17	
10 8	3 55.52	+24 43.5	1.769	2.555	16.7	20.3
10 18	3 51.98	+23 50.9	1.698	2.570	13.3	20.1
10 28	3 45.86	+22 43.7	1.649	2.585	9.3	19.9
11 7	3 37.88	+21 24.2	1.624	2.600	4.8	19.6
11 17	3 29.07	+19 57.2	1.627	2.616	0.4	19.3
11 27	3 20.63	+18 29.4	1.659	2.632	4.6	19.7
12 7	3 13.61	+17 8.3	1.719	2.648	8.9	20.0
12 17	3 8.73	+15 59.7	1.805	2.664	12.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
98518 2000 VX_{27}			11 16.9	311.°71	3.°4/15.3 18	
	h m	° ′			°	m
10 8	3 55.74	+15 19.4	1.307	2.131	19.5	19.1
10 18	3 53.34	+14 31.7	1.226	2.121	15.6	18.8
10 28	3 47.58	+13 34.7	1.163	2.111	10.9	18.5
11 7	3 39.09	+12 32.7	1.122	2.101	5.9	18.2
11 17	3 29.05	+11 32.1	1.107	2.091	3.5	18.1
11 27	3 19.05	+10 40.7	1.117	2.082	7.7	18.3
12 7	3 10.66	+10 5.3	1.151	2.073	12.9	18.5
12 17	3 5.02	+ 9 49.9	1.206	2.065	17.5	18.8
192109 2006 CK_{39}			11 16.9	259.°09	3.°7/19.4 17	
10 8	3 56.71	+31 35.1	2.402	3.143	14.0	20.3
10 18	3 52.68	+31 48.7	2.303	3.137	11.6	20.1
10 28	3 46.33	+31 50.0	2.225	3.131	8.8	19.9
11 7	3 38.20	+31 37.1	2.171	3.125	5.9	19.7
11 17	3 29.07	+31 9.7	2.145	3.119	3.8	19.6
11 27	3 19.97	+30 29.6	2.149	3.112	4.7	19.6
12 7	3 11.90	+29 41.2	2.181	3.106	7.5	19.8
12 17	3 5.66	+28 49.8	2.240	3.100	10.4	20.0
52588 1997 PD_1			11 16.9	116.°99	1.°3/16.2 18	
10 8	3 59.45	+17 13.1	1.668	2.465	17.1	19.4
10 18	3 55.34	+16 54.3	1.592	2.471	13.6	19.2
10 28	3 48.39	+16 28.7	1.535	2.476	9.4	18.9
11 7	3 39.28	+15 58.2	1.504	2.482	4.8	18.7
11 17	3 29.06	+15 26.1	1.499	2.487	1.4	18.4
11 27	3 19.03	+14 56.7	1.523	2.492	5.5	18.7
12 7	3 10.44	+14 34.3	1.574	2.497	10.0	19.0
12 17	3 4.18	+14 22.5	1.649	2.501	13.9	19.3
136716 1995 UA_{15}			11 16.9	148.°54	2.°5/17.9 18	
10 8	4 3.45	+24 50.4	1.710	2.484	17.7	20.8
10 18	3 58.76	+25 16.2	1.628	2.489	14.3	20.5
10 28	3 50.94	+25 31.9	1.566	2.494	10.4	20.3
11 7	3 40.66	+25 35.4	1.528	2.498	6.0	20.1
11 17	3 29.04	+25 26.3	1.517	2.502	2.6	19.9
11 27	3 17.54	+25 6.6	1.535	2.506	5.1	20.1
12 7	3 7.56	+24 41.4	1.580	2.510	9.4	20.3
12 17	3 0.15	+24 16.2	1.651	2.513	13.4	20.6
280900 2005 XV_{31}			11 16.9	118.°43	6.°3/14.4 18	
10 8	4 1.77	+ 2 34.6	1.795	2.584	16.3	20.9
10 18	3 56.72	+ 2 7.3	1.726	2.594	13.3	20.7
10 28	3 49.08	+ 1 45.9	1.679	2.603	10.0	20.5
11 7	3 39.54	+ 1 35.2	1.656	2.613	7.2	20.4
11 17	3 29.06	+ 1 39.0	1.661	2.621	6.4	20.4
11 27	3 18.83	+ 1 59.9	1.694	2.630	8.5	20.5
12 7	3 9.94	+ 2 38.0	1.753	2.638	11.5	20.7
12 17	3 3.19	+ 3 31.5	1.836	2.646	14.6	21.0
476772 2008 UL_{118}			11 16.9	16.°97	4.°9/18.4 18	
10 8	3 59.35	+25 57.3	1.218	2.024	21.6	20.3
10 18	3 56.76	+27 9.6	1.153	2.030	17.7	20.1
10 28	3 50.24	+28 11.0	1.106	2.038	13.1	19.8
11 7	3 40.55	+28 56.6	1.080	2.047	8.3	19.6
11 17	3 29.06	+29 22.4	1.077	2.057	5.0	19.4
11 27	3 17.75	+29 29.0	1.099	2.069	7.0	19.6
12 7	3 8.48	+29 21.7	1.145	2.081	11.5	19.9
12 17	3 2.54	+29 8.0	1.214	2.095	15.8	20.2
437225 2012 XT_3			11 16.9	46.°27	2.°9/15.8 18	
10 8	4 1.34	+13 24.9	1.277	2.094	20.3	19.8
10 18	3 57.07	+13 7.2	1.234	2.124	15.9	19.7
10 28	3 49.55	+12 46.5	1.211	2.155	10.9	19.5
11 7	3 39.77	+12 26.5	1.210	2.187	5.8	19.3
11 17	3 29.09	+12 10.7	1.234	2.219	3.0	19.2
11 27	3 19.07	+12 3.2	1.285	2.251	6.7	19.5
12 7	3 11.02	+12 6.8	1.361	2.283	11.3	19.9
12 17	3 5.73	+12 22.6	1.460	2.316	15.2	20.2
457997 2009 WN_{62}			11 16.9	4.°39	2.°7/15.5 17	
10 8	3 52.16	+13 54.3	1.683	2.497	16.2	20.8
10 18	3 49.55	+13 26.0	1.608	2.497	12.9	20.6
10 28	3 44.37	+12 53.5	1.553	2.498	8.9	20.3
11 7	3 37.26	+12 20.1	1.523	2.500	4.8	20.1
11 17	3 29.14	+11 49.6	1.519	2.503	2.8	20.0
11 27	3 21.16	+11 26.6	1.542	2.506	6.0	20.2
12 7	3 14.42	+11 14.6	1.591	2.511	10.1	20.5
12 17	3 9.74	+11 15.6	1.664	2.517	13.8	20.7
190515 2000 JO_{49}			11 16.9	153.°77	0.°6/17.2 18	
10 8	4 1.06	+22 22.3	2.019	2.790	15.4	21.6
10 18	3 56.16	+22 8.6	1.935	2.798	12.3	21.4
10 28	3 48.72	+21 45.1	1.873	2.805	8.6	21.2
11 7	3 39.40	+21 12.6	1.837	2.812	4.5	21.0
11 17	3 29.11	+20 32.9	1.830	2.818	0.6	20.7
11 27	3 19.02	+19 49.8	1.852	2.824	4.3	21.0
12 7	3 10.20	+19 8.2	1.903	2.828	8.4	21.2
12 17	3 3.45	+18 32.7	1.981	2.833	11.9	21.5

299126 2005 ED_{207} 11 16.9 188.°87 4.°1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.82	+30 45.1	2.146	2.890	15.4	21.7
10 18	3 56.23	+31 11.9	2.053	2.889	12.8	21.5
10 28	3 48.97	+31 26.5	1.980	2.888	9.7	21.3
11 7	3 39.62	+31 26.2	1.932	2.887	6.4	21.1
11 17	3 29.11	+31 10.1	1.912	2.886	4.2	21.0
11 27	3 18.64	+30 39.7	1.921	2.884	5.2	21.0
12 7	3 9.38	+29 59.4	1.958	2.882	8.2	21.2
12 17	3 2.26	+29 15.3	2.021	2.880	11.4	21.4

103147 1999 XU_{212} 11 16.9 338.°44 2.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 49.51	+18 57.3	1.306	2.137	19.1	18.6
10 18	3 48.46	+18 1.7	1.221	2.121	15.3	18.3
10 28	3 44.23	+16 51.2	1.155	2.106	10.7	18.0
11 7	3 37.43	+15 29.8	1.111	2.091	5.5	17.7
11 17	3 29.14	+14 4.1	1.092	2.078	2.3	17.4
11 27	3 20.87	+12 43.5	1.097	2.067	7.0	17.7
12 7	3 14.11	+11 37.2	1.127	2.057	12.3	18.0
12 17	3 9.94	+10 51.3	1.178	2.048	17.1	18.2

357324 2003 HQ_{44} 11 16.9 99.°89 3.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.02	+10 4.5	2.496	3.279	12.4	21.5
10 18	3 51.37	+ 9 17.1	2.432	3.303	9.8	21.4
10 28	3 44.95	+ 8 28.7	2.392	3.326	6.9	21.2
11 7	3 37.32	+ 7 42.7	2.380	3.348	4.3	21.1
11 17	3 29.15	+ 7 2.5	2.397	3.370	3.5	21.1
11 27	3 21.23	+ 6 31.5	2.444	3.392	5.4	21.2
12 7	3 14.27	+ 6 11.8	2.520	3.413	8.1	21.4
12 17	3 8.80	+ 6 4.6	2.621	3.434	10.6	21.6

213471 2002 ES_{90} 11 16.9 107.°80 1.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.35	+17 52.1	1.423	2.229	19.1	20.4
10 18	3 56.63	+17 35.1	1.348	2.232	15.2	20.1
10 28	3 49.62	+17 9.8	1.292	2.235	10.6	19.9
11 7	3 40.05	+16 38.2	1.259	2.238	5.4	19.6
11 17	3 29.11	+16 3.7	1.253	2.241	1.3	19.3
11 27	3 18.37	+15 31.3	1.273	2.244	6.0	19.7
12 7	3 9.30	+15 6.5	1.319	2.246	11.1	19.9
12 17	3 2.96	+14 53.5	1.388	2.249	15.5	20.2

454420 2014 NJ_{59} 11 16.9 35.°18 4.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.38	+ 7 41.3	1.816	2.621	15.6	20.5
10 18	3 51.67	+ 7 11.7	1.751	2.633	12.4	20.4
10 28	3 45.60	+ 6 43.6	1.708	2.644	8.9	20.2
11 7	3 37.79	+ 6 21.2	1.689	2.657	5.7	20.0
11 17	3 29.14	+ 6 8.1	1.697	2.670	4.7	20.0
11 27	3 20.74	+ 6 7.5	1.733	2.683	7.0	20.2
12 7	3 13.56	+ 6 20.9	1.795	2.697	10.3	20.4
12 17	3 8.34	+ 6 48.3	1.881	2.711	13.4	20.6

380719 2005 QY_{44} 11 16.9 60.°87 4.°6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.75	+28 55.5	1.427	2.206	20.3	20.6
10 18	3 58.80	+29 33.6	1.361	2.221	16.6	20.4
10 28	3 51.23	+29 56.6	1.313	2.235	12.4	20.2
11 7	3 40.88	+30 1.0	1.287	2.250	7.9	20.0
11 17	3 29.10	+29 45.3	1.286	2.265	4.7	19.8
11 27	3 17.66	+29 12.5	1.312	2.280	6.3	20.0
12 7	3 8.18	+28 29.7	1.364	2.296	10.4	20.2
12 17	3 1.73	+27 45.2	1.439	2.311	14.4	20.5

131709 2001 YE_{49} 11 16.9 104.°52 1.°4/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.20	+22 24.2	1.404	2.199	19.8	19.4
10 18	3 59.05	+22 36.1	1.332	2.207	16.0	19.2
10 28	3 51.38	+22 37.3	1.278	2.215	11.3	19.0
11 7	3 40.97	+22 27.1	1.248	2.223	6.1	18.7
11 17	3 29.10	+22 6.1	1.243	2.231	1.4	18.4
11 27	3 17.49	+21 38.2	1.265	2.238	5.5	18.7
12 7	3 7.73	+21 9.4	1.313	2.246	10.7	19.0
12 17	3 0.90	+20 45.7	1.385	2.253	15.1	19.3

176233 2001 QV_{162} 11 16.9 344.°12 9.°0/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.28	+ 0 46.7	1.633	2.447	16.6	19.6
10 18	3 49.64	− 0 46.8	1.563	2.441	13.8	19.4
10 28	3 44.45	− 2 16.3	1.513	2.436	11.1	19.2
11 7	3 37.31	− 3 33.3	1.488	2.431	9.2	19.1
11 17	3 29.16	− 4 29.7	1.487	2.426	9.3	19.1
11 27	3 21.13	− 4 59.3	1.512	2.423	11.4	19.2
12 7	3 14.33	− 4 59.9	1.559	2.420	14.2	19.4
12 17	3 9.58	− 4 33.1	1.627	2.417	17.0	19.6

212830 2007 UC_{55} 11 16.9 296.°65 0.°2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.07	+20 8.5	1.776	2.569	16.4	20.5
10 18	3 53.69	+20 10.2	1.677	2.553	13.2	20.2
10 28	3 47.49	+20 4.2	1.598	2.537	9.3	20.0
11 7	3 39.01	+19 50.8	1.544	2.521	4.8	19.7
11 17	3 29.14	+19 31.4	1.516	2.505	0.2	19.3
11 27	3 19.15	+19 8.9	1.517	2.489	4.9	19.6
12 7	3 10.35	+18 47.8	1.544	2.473	9.6	19.8
12 17	3 3.76	+18 32.4	1.596	2.458	13.8	20.1

133836 2003 YW_{10} 11 16.9 338.°92 1.°8/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.77	+12 54.5	2.370	3.153	13.0	19.8
10 18	3 52.39	+12 59.4	2.281	3.152	10.3	19.6
10 28	3 45.96	+13 3.4	2.214	3.151	7.2	19.4
11 7	3 37.98	+13 7.8	2.174	3.150	3.8	19.2
11 17	3 29.16	+13 14.0	2.163	3.149	1.8	19.1
11 27	3 20.37	+13 23.6	2.183	3.148	4.5	19.3
12 7	3 12.48	+13 38.3	2.231	3.147	7.9	19.5
12 17	3 6.20	+13 59.1	2.306	3.146	10.9	19.7

132737 2002 PS_{28} 11 16.9 239.°46 0.°1/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.42	+21 10.2	2.538	3.311	12.5	20.2
10 18	3 50.50	+20 51.4	2.440	3.304	10.0	20.0
10 28	3 44.63	+20 25.1	2.364	3.298	7.0	19.8
11 7	3 37.30	+19 52.1	2.315	3.291	3.6	19.6
11 17	3 29.17	+19 14.4	2.295	3.284	0.1	19.2
11 27	3 21.08	+18 35.0	2.305	3.276	3.6	19.5
12 7	3 13.86	+17 57.6	2.345	3.269	7.1	19.7
12 17	3 8.15	+17 25.5	2.412	3.261	10.2	19.9

100304 1995 FJ_{20} 11 16.9 238.°52 0.°6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.71	+18 56.6	1.597	2.392	17.8	21.4
10 18	3 56.79	+18 46.0	1.507	2.384	14.3	21.2
10 28	3 49.74	+18 27.0	1.436	2.376	10.0	20.9
11 7	3 40.17	+18 0.7	1.389	2.367	5.1	20.6
11 17	3 29.13	+17 29.3	1.370	2.358	0.6	20.3
11 27	3 18.09	+16 57.1	1.378	2.349	5.6	20.6
12 7	3 8.47	+16 29.5	1.412	2.339	10.6	20.9
12 17	3 1.38	+16 11.2	1.471	2.329	15.0	21.1

137128 1999 CQ_{31} 11 16.9 235.°01 1.°3/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.55	+15 56.5	2.160	2.944	14.1	20.0
10 18	3 53.31	+15 46.5	2.065	2.937	11.2	19.8
10 28	3 46.77	+15 32.3	1.993	2.930	7.8	19.6
11 7	3 38.46	+15 15.2	1.946	2.923	4.0	19.3
11 17	3 29.16	+14 57.5	1.928	2.915	1.4	19.1
11 27	3 19.87	+14 41.9	1.940	2.908	4.7	19.4
12 7	3 11.57	+14 31.5	1.981	2.900	8.5	19.6
12 17	3 5.07	+14 28.7	2.047	2.891	11.9	19.8

237008 2008 RL_{104} 11 16.9 36.°63 9.°0/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 51.83	− 3 36.8	2.105	2.897	14.2	20.1
10 18	3 48.54	− 5 26.7	2.047	2.904	12.0	20.0
10 28	3 43.27	− 7 9.6	2.012	2.911	10.1	19.9
11 7	3 36.57	− 8 37.8	2.003	2.918	9.0	19.8
11 17	3 29.19	− 9 44.8	2.019	2.925	9.3	19.9
11 27	3 21.99	−10 26.0	2.062	2.933	10.8	20.0
12 7	3 15.78	−10 40.2	2.127	2.941	12.7	20.1
12 17	3 11.19	−10 28.8	2.214	2.949	14.7	20.3

483999 2006 CW_{50} 11 16.9 244.°08 2.°6/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.52	+11 39.4	2.748	3.529	11.5	22.8
10 18	3 50.37	+11 7.1	2.644	3.513	9.1	22.7
10 28	3 44.46	+10 32.5	2.563	3.498	6.4	22.5
11 7	3 37.20	+ 9 58.0	2.510	3.481	3.7	22.3
11 17	3 29.18	+ 9 26.2	2.486	3.465	2.7	22.2
11 27	3 21.15	+ 9 0.4	2.493	3.448	4.9	22.3
12 7	3 13.83	+ 8 43.0	2.529	3.430	7.7	22.4
12 17	3 7.83	+ 8 35.7	2.592	3.413	10.5	22.6

398444 2011 UJ_{50} 11 16.9 20.°76 0.°3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.82	+18 12.3	1.696	2.493	16.8	20.8
10 18	3 54.14	+18 18.7	1.617	2.496	13.4	20.6
10 28	3 47.64	+18 19.4	1.559	2.499	9.3	20.4
11 7	3 38.99	+18 15.1	1.525	2.502	4.7	20.1
11 17	3 29.16	+18 7.0	1.518	2.506	0.3	19.8
11 27	3 19.46	+17 58.2	1.539	2.510	5.0	20.2
12 7	3 11.12	+17 52.1	1.587	2.515	9.5	20.4
12 17	3 5.05	+17 52.0	1.659	2.520	13.4	20.7

72853 2001 HE_{42} 11 16.9 335.°21 4.°4/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.54	+ 9 26.1	2.062	2.865	14.1	19.2
10 18	3 49.32	+ 8 30.0	1.979	2.860	11.2	19.0
10 28	3 43.96	+ 7 31.9	1.918	2.855	8.1	18.8
11 7	3 37.00	+ 6 36.1	1.883	2.851	5.2	18.6
11 17	3 29.19	+ 5 47.6	1.876	2.847	4.5	18.5
11 27	3 21.48	+ 5 11.0	1.897	2.844	6.8	18.7
12 7	3 14.75	+ 4 49.7	1.944	2.840	10.0	18.9
12 17	3 9.72	+ 4 44.8	2.016	2.837	13.0	19.1

175151 2005 EO_{34} 11 16.9 135.°27 3.°2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.77	+27 45.5	1.529	2.308	19.2	20.5
10 18	3 57.84	+27 53.4	1.450	2.312	15.7	20.3
10 28	3 50.52	+27 46.0	1.389	2.315	11.5	20.0
11 7	3 40.54	+27 21.3	1.351	2.319	6.9	19.8
11 17	3 29.14	+26 39.6	1.339	2.322	3.3	19.6
11 27	3 17.95	+25 45.2	1.354	2.326	5.6	19.7
12 7	3 8.49	+24 45.5	1.396	2.329	10.1	20.0
12 17	3 1.85	+23 48.9	1.462	2.331	14.3	20.3

50226 2000 AH_{241} 11 16.9 245.°73 5.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.07	+ 7 37.3	1.781	2.582	16.0	19.2
10 18	3 54.18	+ 6 32.0	1.690	2.569	13.0	18.9
10 28	3 47.63	+ 5 24.4	1.621	2.555	9.6	18.7
11 7	3 38.99	+ 4 20.5	1.577	2.541	6.6	18.5
11 17	3 29.17	+ 3 26.4	1.560	2.526	6.0	18.4
11 27	3 19.33	+ 2 48.5	1.570	2.511	8.6	18.6
12 7	3 10.67	+ 2 30.6	1.607	2.496	12.2	18.7
12 17	3 4.08	+ 2 33.9	1.666	2.480	15.7	18.9

285028 2011 EO 11 16.9 272.°74 2.°3/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.53	+12 51.6	2.359	3.148	12.9	21.5
10 18	3 50.68	+12 30.1	2.266	3.140	10.3	21.3
10 28	3 44.81	+12 6.0	2.195	3.133	7.2	21.1
11 7	3 37.43	+11 41.7	2.150	3.125	4.0	20.9
11 17	3 29.21	+11 19.8	2.135	3.118	2.4	20.8
11 27	3 21.02	+11 3.2	2.149	3.110	5.0	20.9
12 7	3 13.70	+10 54.6	2.192	3.102	8.3	21.1
12 17	3 7.93	+10 55.7	2.260	3.095	11.3	21.3

228263 1999 TH_{128} 11 16.9 92.°89 0.°9/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.83	+19 59.0	1.502	2.301	18.6	20.1
10 18	3 56.62	+19 22.2	1.436	2.316	14.8	19.9
10 28	3 49.33	+18 34.4	1.390	2.331	10.2	19.7
11 7	3 39.78	+17 38.3	1.368	2.346	5.1	19.5
11 17	3 29.19	+16 38.2	1.373	2.361	1.0	19.2
11 27	3 18.99	+15 40.7	1.405	2.375	5.6	19.6
12 7	3 10.50	+14 52.0	1.464	2.390	10.4	19.9
12 17	3 4.58	+14 16.9	1.548	2.404	14.5	20.2

116855 2004 FW_{66} 11 16.9 38.°72 6.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.66	+ 7 51.5	1.266	2.092	19.9	18.9
10 18	3 54.49	+ 7 2.3	1.210	2.103	15.9	18.7
10 28	3 48.06	+ 6 14.3	1.172	2.114	11.5	18.5
11 7	3 39.21	+ 5 34.0	1.156	2.125	7.5	18.3
11 17	3 29.19	+ 5 7.7	1.164	2.137	6.4	18.3
11 27	3 19.56	+ 5 0.5	1.198	2.150	9.2	18.5
12 7	3 11.69	+ 5 14.4	1.255	2.163	13.3	18.7
12 17	3 6.52	+ 5 48.4	1.334	2.177	17.1	19.0

294054 2007 TW_{154} 11 16.9 13.°60 0.°3/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.43	+21 36.8	1.401	2.214	19.0	20.0
10 18	3 52.03	+21 22.6	1.330	2.217	15.2	19.8
10 28	3 46.46	+20 56.4	1.278	2.221	10.6	19.5
11 7	3 38.47	+20 19.7	1.248	2.226	5.5	19.3
11 17	3 29.21	+19 35.4	1.244	2.232	0.3	18.9
11 27	3 20.18	+18 49.3	1.266	2.239	5.4	19.3
12 7	3 12.77	+18 7.8	1.313	2.247	10.4	19.6
12 17	3 7.95	+17 36.3	1.383	2.256	14.8	19.9

273541 2007 BC_{44} 11 16.9 299.°93 1.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.90	+17 41.2	1.468	2.279	18.4	20.6
10 18	3 54.10	+17 22.7	1.377	2.264	14.8	20.3
10 28	3 48.08	+16 55.6	1.304	2.249	10.4	20.0
11 7	3 39.43	+16 21.9	1.255	2.234	5.3	19.7
11 17	3 29.20	+15 44.8	1.231	2.219	1.4	19.4
11 27	3 18.87	+15 9.6	1.234	2.205	6.2	19.7
12 7	3 9.97	+14 42.1	1.262	2.190	11.4	19.9
12 17	3 3.64	+14 26.9	1.313	2.177	16.1	20.2

440013 2002 LF_{36} 11 16.9 107.°91 6.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.59	+ 0 6.0	2.109	2.889	14.5	21.5
10 18	3 54.46	− 0 47.5	2.052	2.910	11.9	21.4
10 28	3 47.24	− 1 34.6	2.018	2.931	9.2	21.3
11 7	3 38.55	− 2 10.3	2.009	2.951	7.3	21.2
11 17	3 29.22	− 2 30.2	2.028	2.970	7.0	21.2
11 27	3 20.19	− 2 31.5	2.075	2.989	8.6	21.4
12 7	3 12.34	− 2 13.9	2.149	3.008	10.9	21.5
12 17	3 6.27	− 1 38.9	2.246	3.025	13.2	21.7

14821 Motaeno 11 16.9 274.°37 1.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.94	+19 5.8	1.529	2.333	18.1	18.7
10 18	3 54.76	+18 35.3	1.437	2.320	14.5	18.4
10 28	3 48.44	+17 53.9	1.365	2.307	10.2	18.1
11 7	3 39.57	+17 3.6	1.316	2.295	5.2	17.8
11 17	3 29.22	+16 8.1	1.293	2.282	1.2	17.5
11 27	3 18.84	+15 13.6	1.298	2.268	6.0	17.8
12 7	3 9.88	+14 27.0	1.329	2.255	11.1	18.1
12 17	3 3.46	+13 53.7	1.383	2.242	15.7	18.3

344143 2000 JQ_3 11 16.9 91.°91 0.°0/16.9 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 7.85	+19 47.5	2.123	2.880	15.1	23.0
10 18	4 0.89	+19 44.1	2.067	2.922	11.9	22.8
10 28	3 51.59	+19 33.8	2.034	2.963	8.2	22.7
11 7	3 40.71	+19 17.3	2.028	3.003	4.1	22.5
11 17	3 29.22	+18 56.2	2.052	3.041	0.0	22.2
11 27	3 18.23	+18 33.5	2.108	3.078	4.1	22.6
12 7	3 8.71	+18 12.7	2.195	3.114	7.8	22.9
12 17	3 1.30	+17 56.9	2.308	3.149	10.9	23.2

330551 2008 AF_{105} 11 16.9 278.°49 3.°6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.23	+27 34.3	1.464	2.250	19.6	21.4
10 18	3 57.07	+27 52.4	1.374	2.240	16.2	21.1
10 28	3 50.35	+27 55.9	1.301	2.229	12.0	20.8
11 7	3 40.67	+27 42.0	1.251	2.219	7.3	20.5
11 17	3 29.21	+27 9.6	1.226	2.209	3.7	20.3
11 27	3 17.69	+26 22.1	1.227	2.199	6.0	20.4
12 7	3 7.82	+25 26.8	1.254	2.188	10.8	20.7
12 17	3 0.88	+24 32.3	1.304	2.178	15.4	20.9

225118 2008 EF_{76} 11 16.9 164.°07 0.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.14	+19 25.3	1.912	2.688	16.0	21.5
10 18	3 58.02	+19 27.2	1.827	2.693	12.8	21.3
10 28	3 50.18	+19 22.4	1.764	2.698	8.9	21.1
11 7	3 40.26	+19 11.3	1.726	2.702	4.6	20.8
11 17	3 29.23	+18 55.1	1.717	2.706	0.1	20.5
11 27	3 18.32	+18 36.7	1.738	2.709	4.6	20.9
12 7	3 8.73	+18 19.8	1.787	2.711	8.9	21.1
12 17	3 1.34	+18 8.3	1.862	2.712	12.7	21.4

394979 2009 AP_{27} 11 16.9 302.°75 2.°0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.22	+25 12.3	1.805	2.584	16.7	21.6
10 18	3 54.49	+25 16.5	1.718	2.582	13.5	21.4
10 28	3 47.95	+25 9.1	1.650	2.580	9.7	21.2
11 7	3 39.20	+24 49.5	1.607	2.579	5.5	20.9
11 17	3 29.24	+24 18.3	1.591	2.577	2.0	20.7
11 27	3 19.36	+23 38.9	1.603	2.575	4.7	20.9
12 7	3 10.82	+22 56.7	1.642	2.574	9.0	21.1
12 17	3 4.55	+22 17.5	1.707	2.572	12.8	21.4

403187 2008 JC_{36} 11 16.9 46.°94 1.°9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.85	+14 54.1	1.922	2.719	15.2	20.8
10 18	3 52.03	+14 35.7	1.851	2.730	12.0	20.6
10 28	3 45.87	+14 13.5	1.801	2.742	8.3	20.4
11 7	3 37.98	+13 49.6	1.777	2.754	4.3	20.2
11 17	3 29.26	+13 26.9	1.781	2.767	2.0	20.1
11 27	3 20.74	+13 9.0	1.813	2.779	5.1	20.3
12 7	3 13.41	+12 58.7	1.873	2.792	8.9	20.6
12 17	3 8.01	+12 58.0	1.958	2.806	12.3	20.8

490874 2011 BS_6 11 16.9 166.°03 3.°7/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.94	+ 7 32.7	2.585	3.369	12.0	21.7
10 18	3 50.67	+ 7 3.2	2.502	3.371	9.6	21.6
10 28	3 44.63	+ 6 34.5	2.443	3.373	6.9	21.4
11 7	3 37.28	+ 6 9.5	2.410	3.375	4.5	21.2
11 17	3 29.27	+ 5 51.1	2.407	3.377	3.8	21.2
11 27	3 21.35	+ 5 41.9	2.433	3.378	5.6	21.3
12 7	3 14.25	+ 5 43.6	2.488	3.379	8.3	21.5
12 17	3 8.56	+ 5 56.8	2.568	3.380	10.8	21.7

154728 2004 NM_9 11 16.9 62.°30 2.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.67	+15 6.7	1.441	2.249	18.8	19.4
10 18	3 56.42	+14 41.5	1.386	2.271	14.8	19.2
10 28	3 49.14	+14 11.1	1.351	2.294	10.2	19.0
11 7	3 39.67	+13 38.8	1.339	2.317	5.3	18.8
11 17	3 29.25	+13 8.6	1.354	2.340	2.5	18.7
11 27	3 19.30	+12 45.3	1.396	2.363	6.2	19.0
12 7	3 11.08	+12 32.5	1.464	2.386	10.7	19.3
12 17	3 5.43	+12 32.5	1.556	2.409	14.6	19.6

110306 2001 SW_{272} 11 16.9 285.°33 0.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 16.20	+12 46.5	1.131	1.930	23.4	19.2
10 18	4 10.89	+14 26.4	1.050	1.928	19.0	18.9
10 28	4 0.79	+16 17.3	0.987	1.926	13.5	18.6
11 7	3 46.40	+18 15.3	0.946	1.923	7.1	18.2
11 17	3 29.19	+20 12.7	0.932	1.921	0.6	17.8
11 27	3 11.58	+22 1.6	0.946	1.919	7.2	18.2
12 7	2 56.16	+23 38.2	0.987	1.916	13.6	18.6
12 17	2 44.83	+25 3.6	1.050	1.914	19.1	18.9

134856 2000 OY_{26} 11 16.9 113.°27 3.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.46	+12 58.0	1.582	2.379	17.9	20.4
10 18	3 58.37	+12 13.0	1.520	2.398	14.1	20.2
10 28	3 50.38	+11 23.8	1.478	2.417	9.9	20.0
11 7	3 40.29	+10 34.8	1.461	2.436	5.5	19.8
11 17	3 29.26	+ 9 50.9	1.472	2.453	3.7	19.7
11 27	3 18.65	+ 9 17.5	1.511	2.470	6.9	20.0
12 7	3 9.67	+ 8 58.2	1.577	2.486	11.0	20.3
12 17	3 3.15	+ 8 54.9	1.666	2.502	14.6	20.5

434347 2004 RV_{86} 11 16.9 70.°93 1.°8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.34	+16 50.7	1.541	2.343	18.1	21.8
10 18	3 56.01	+16 18.9	1.483	2.365	14.2	21.6
10 28	3 48.78	+15 40.1	1.445	2.387	9.8	21.4
11 7	3 39.49	+14 57.4	1.431	2.409	5.0	21.2
11 17	3 29.28	+14 15.0	1.444	2.431	1.9	21.1
11 27	3 19.52	+13 38.0	1.485	2.453	5.8	21.4
12 7	3 11.40	+13 11.0	1.553	2.475	10.2	21.7
12 17	3 5.72	+12 56.9	1.645	2.497	14.0	22.0

511405 2014 HE_{23} 11 16.9 123.°39 6.°6/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.99	+ 1 19.1	2.033	2.821	14.7	21.1
10 18	3 53.49	+ 0 34.2	1.964	2.829	12.1	21.0
10 28	3 46.77	− 0 5.4	1.916	2.835	9.3	20.8
11 7	3 38.44	− 0 34.5	1.894	2.842	7.1	20.7
11 17	3 29.30	− 0 48.8	1.899	2.849	6.7	20.7
11 27	3 20.35	− 0 45.3	1.931	2.855	8.5	20.8
12 7	3 12.51	− 0 23.2	1.990	2.861	11.1	21.0
12 17	3 6.49	+ 0 16.2	2.073	2.867	13.7	21.2

430826 2005 GQ_{205} 11 16.9 197.°19 0.°6/16.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 2.21	+18 40.4	1.902	2.682	15.9	23.2
10 18	3 57.38	+18 28.0	1.811	2.679	12.7	23.0
10 28	3 49.82	+18 8.4	1.740	2.676	8.9	22.7
11 7	3 40.14	+17 42.6	1.695	2.672	4.5	22.5
11 17	3 29.28	+17 12.7	1.679	2.667	0.7	22.2
11 27	3 18.48	+16 42.4	1.692	2.661	4.9	22.5
12 7	3 8.92	+16 16.0	1.733	2.655	9.3	22.7
12 17	3 1.54	+15 57.5	1.800	2.648	13.1	23.0

367740 2010 VG_{25} 11 16.9 160.°46 1.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.84	+12 41.5	2.725	3.490	12.0	20.6
10 18	3 55.26	+12 53.6	2.635	3.496	9.5	20.4
10 28	3 47.79	+13 5.2	2.569	3.501	6.6	20.3
11 7	3 38.92	+13 17.1	2.531	3.506	3.5	20.1
11 17	3 29.30	+13 30.1	2.525	3.510	1.5	19.9
11 27	3 19.74	+13 45.6	2.550	3.514	4.0	20.1
12 7	3 11.03	+14 4.5	2.606	3.517	7.1	20.3
12 17	3 3.79	+14 28.0	2.690	3.520	9.8	20.5

108190 2001 HL_{16} 11 16.9 116.°53 3.°9/15.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.47	+10 48.6	1.743	2.538	16.6	19.9
10 18	3 56.59	+10 9.9	1.677	2.554	13.1	19.7
10 28	3 49.07	+ 9 29.5	1.632	2.569	9.3	19.5
11 7	3 39.63	+ 8 51.3	1.612	2.584	5.5	19.3
11 17	3 29.29	+ 8 19.8	1.620	2.598	4.0	19.3
11 27	3 19.27	+ 7 59.2	1.656	2.612	6.8	19.5
12 7	3 10.66	+ 7 52.2	1.720	2.625	10.5	19.7
12 17	3 4.27	+ 7 59.9	1.808	2.637	13.9	20.0

336095 2008 HA_4 11 16.9 199.°41 3.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.29	+11 10.7	1.868	2.660	15.7	22.1
10 18	3 55.76	+10 29.6	1.781	2.657	12.6	21.9
10 28	3 48.63	+ 9 45.6	1.717	2.653	8.9	21.7
11 7	3 39.51	+ 9 2.4	1.677	2.649	5.3	21.5
11 17	3 29.30	+ 8 24.5	1.666	2.644	3.9	21.4
11 27	3 19.19	+ 7 56.4	1.684	2.639	6.7	21.5
12 7	3 10.28	+ 7 41.9	1.729	2.633	10.5	21.8
12 17	3 3.44	+ 7 42.5	1.799	2.626	14.1	22.0

361323 2006 UK_{42} 11 16.9 322.°90 0.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.58	+19 29.0	1.930	2.717	15.5	21.3
10 18	3 53.70	+19 32.9	1.842	2.714	12.4	21.1
10 28	3 47.26	+19 30.3	1.775	2.712	8.6	20.9
11 7	3 38.84	+19 21.8	1.733	2.710	4.4	20.6
11 17	3 29.31	+19 8.6	1.719	2.707	0.1	20.3
11 27	3 19.83	+18 53.5	1.733	2.705	4.5	20.6
12 7	3 11.51	+18 39.9	1.776	2.703	8.7	20.9
12 17	3 5.23	+18 31.3	1.844	2.701	12.4	21.1

105672 2000 SX_{40} 11 16.9 299.°44 1.°4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.63	+16 52.7	2.055	2.846	14.5	20.0
10 18	3 51.88	+16 30.1	1.968	2.844	11.5	19.7
10 28	3 45.84	+16 1.6	1.902	2.842	8.0	19.5
11 7	3 38.05	+15 29.3	1.863	2.840	4.1	19.3
11 17	3 29.32	+14 55.9	1.851	2.838	1.4	19.1
11 27	3 20.68	+14 25.1	1.869	2.837	4.8	19.3
12 7	3 13.11	+14 0.8	1.914	2.835	8.6	19.6
12 17	3 7.37	+13 45.7	1.985	2.833	12.1	19.8

220813 2004 TR_{251} 11 16.9 35.°28 1.°0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.70	+22 59.2	1.989	2.770	15.2	20.4
10 18	3 52.07	+22 53.8	1.908	2.776	12.2	20.3
10 28	3 46.01	+22 38.8	1.848	2.782	8.6	20.0
11 7	3 38.14	+22 14.8	1.813	2.788	4.6	19.8
11 17	3 29.32	+21 43.3	1.806	2.794	1.0	19.6
11 27	3 20.66	+21 7.8	1.828	2.801	4.2	19.8
12 7	3 13.18	+20 32.6	1.878	2.808	8.1	20.1
12 17	3 7.66	+20 2.2	1.953	2.815	11.6	20.3

430905 2005 SQ_{87} 11 16.9 100.°37 1.°4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 1.77	+17 42.2	1.691	2.481	17.2	22.0
10 18	3 56.96	+17 13.9	1.625	2.501	13.6	21.8
10 28	3 49.38	+16 38.2	1.581	2.520	9.3	21.6
11 7	3 39.80	+15 57.5	1.562	2.539	4.7	21.4
11 17	3 29.31	+15 15.5	1.570	2.558	1.4	21.2
11 27	3 19.19	+14 36.8	1.607	2.576	5.4	21.5
12 7	3 10.61	+14 6.3	1.672	2.593	9.6	21.8
12 17	3 4.36	+13 47.1	1.762	2.610	13.4	22.1

96975 1999 TA_{197} 11 16.9 301.°23 5.°9/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.00	+30 12.9	1.738	2.497	18.0	19.1
10 18	3 59.11	+31 27.3	1.639	2.483	15.1	18.9
10 28	3 51.79	+32 32.6	1.560	2.469	11.7	18.6
11 7	3 41.51	+33 23.5	1.504	2.455	8.2	18.4
11 17	3 29.30	+33 55.0	1.473	2.442	6.0	18.3
11 27	3 16.73	+34 5.4	1.470	2.429	7.1	18.3
12 7	3 5.50	+33 57.9	1.494	2.416	10.5	18.5
12 17	2 56.98	+33 38.9	1.542	2.403	14.2	18.6

63190 2000 YB_{103} 11 16.9 280.°62 7.°5/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.69	− 0 59.9	2.205	2.995	13.7	19.2
10 18	3 50.08	− 2 8.5	2.126	2.987	11.4	19.0
10 28	3 44.45	− 3 12.1	2.069	2.980	9.2	18.9
11 7	3 37.31	− 4 4.9	2.038	2.973	7.7	18.8
11 17	3 29.36	− 4 41.6	2.033	2.965	7.7	18.8
11 27	3 21.48	− 4 57.9	2.055	2.958	9.3	18.8
12 7	3 14.51	− 4 52.6	2.103	2.951	11.6	19.0
12 17	3 9.14	− 4 26.4	2.173	2.944	13.9	19.1

34713 2001 OO_{103} 11 16.9 44.°03 4.°1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.96	+31 8.2	1.690	2.458	18.1	17.7
10 18	3 54.43	+31 14.1	1.621	2.472	14.9	17.5
10 28	3 47.90	+31 2.9	1.570	2.487	11.1	17.3
11 7	3 39.16	+30 33.1	1.542	2.503	7.1	17.2
11 17	3 29.34	+29 45.3	1.540	2.519	4.2	17.0
11 27	3 19.87	+28 44.0	1.566	2.535	5.4	17.1
12 7	3 12.00	+27 36.4	1.619	2.551	9.0	17.4
12 17	3 6.60	+26 30.2	1.697	2.568	12.6	17.6

327550 2006 BO_{280} 11 16.9 252.°39 3.°8/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.54	+31 16.9	2.427	3.166	13.9	21.4
10 18	3 53.40	+31 36.8	2.326	3.160	11.6	21.2
10 28	3 46.93	+31 45.1	2.247	3.153	8.8	21.0
11 7	3 38.65	+31 39.8	2.192	3.146	5.9	20.9
11 17	3 29.35	+31 20.3	2.166	3.139	3.9	20.7
11 27	3 20.04	+30 48.0	2.168	3.132	4.7	20.8
12 7	3 11.73	+30 7.0	2.200	3.124	7.4	20.9
12 17	3 5.24	+29 22.2	2.258	3.117	10.4	21.1

227648 2006 BO_{128} 11 16.9 151.°09 1.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.68	+14 18.3	2.622	3.402	12.0	21.3
10 18	3 50.50	+13 51.4	2.537	3.407	9.5	21.1
10 28	3 44.54	+13 21.2	2.475	3.412	6.5	20.9
11 7	3 37.28	+12 49.8	2.441	3.416	3.5	20.7
11 17	3 29.37	+12 19.7	2.436	3.420	1.9	20.6
11 27	3 21.55	+11 53.7	2.462	3.424	4.3	20.8
12 7	3 14.57	+11 34.6	2.516	3.427	7.3	21.0
12 17	3 9.01	+11 24.1	2.598	3.430	10.1	21.2

167225 2003 UJ_{45} 11 16.9 103.°82 3.°9/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.73	+30 54.6	2.059	2.800	16.1	21.0
10 18	3 58.37	+31 13.6	1.987	2.822	13.2	20.8
10 28	3 50.32	+31 18.9	1.936	2.843	9.9	20.6
11 7	3 40.30	+31 8.3	1.909	2.865	6.4	20.5
11 17	3 29.34	+30 41.6	1.910	2.885	4.0	20.4
11 27	3 18.70	+30 1.7	1.941	2.905	5.0	20.5
12 7	3 9.51	+29 13.7	2.000	2.925	8.1	20.7
12 17	3 2.59	+28 23.9	2.086	2.944	11.2	20.9

20337 Naeve 11 16.9 271.°66 1.°7/16.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.64	+15 33.9	1.495	2.299	18.4	17.8
10 18	3 56.95	+15 30.7	1.408	2.291	14.8	17.6
10 28	3 50.02	+15 23.1	1.341	2.284	10.3	17.3
11 7	3 40.45	+15 12.5	1.298	2.276	5.4	17.0
11 17	3 29.34	+15 1.4	1.280	2.268	1.7	16.7
11 27	3 18.20	+14 53.2	1.290	2.260	6.1	17.0
12 7	3 8.53	+14 52.0	1.326	2.252	11.2	17.3
12 17	3 1.48	+15 0.6	1.385	2.243	15.7	17.5

182244 2001 FF_{17} 11 16.9 147.°60 4.°6/14.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.03	+10 13.8	1.923	2.714	15.4	20.8
10 18	3 55.24	+ 9 2.8	1.850	2.725	12.2	20.6
10 28	3 48.05	+ 7 48.8	1.800	2.734	8.7	20.5
11 7	3 39.12	+ 6 36.8	1.776	2.744	5.6	20.3
11 17	3 29.36	+ 5 32.8	1.781	2.752	4.8	20.3
11 27	3 19.85	+ 4 42.2	1.815	2.760	7.3	20.4
12 7	3 11.59	+ 4 8.9	1.876	2.767	10.6	20.6
12 17	3 5.31	+ 3 54.2	1.962	2.773	13.7	20.9

17779 Migomueller 11 16.9 87.°84 0.°2/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.28	+20 10.5	2.119	2.901	14.4	18.3
10 18	3 52.30	+19 54.8	2.037	2.907	11.5	18.1
10 28	3 46.07	+19 31.5	1.977	2.913	8.0	17.9
11 7	3 38.15	+19 1.9	1.942	2.919	4.0	17.6
11 17	3 29.37	+18 28.0	1.936	2.925	0.2	17.3
11 27	3 20.74	+17 53.4	1.959	2.930	4.2	17.7
12 7	3 13.21	+17 22.1	2.011	2.936	8.0	17.9
12 17	3 7.50	+16 57.5	2.089	2.942	11.4	18.1

319101 2005 WZ_{171} 11 16.9 93.°86 0.°5/16.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.12	+19 12.9	2.156	2.939	14.2	21.5
10 18	3 52.11	+18 53.9	2.075	2.946	11.2	21.3
10 28	3 45.90	+18 27.9	2.015	2.952	7.8	21.1
11 7	3 38.05	+17 56.3	1.982	2.959	3.9	20.9
11 17	3 29.38	+17 21.7	1.977	2.966	0.5	20.6
11 27	3 20.86	+16 47.5	2.002	2.972	4.2	21.0
12 7	3 13.42	+16 17.4	2.055	2.979	8.0	21.2
12 17	3 7.75	+15 54.8	2.135	2.985	11.3	21.4

383096 2005 SY_{117} 11 16.9 44.°46 4.°3/15.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 0.97	+10 35.3	1.185	2.010	21.1	20.0
10 18	3 57.18	+10 16.0	1.138	2.032	16.7	19.8
10 28	3 49.94	+ 9 57.0	1.110	2.055	11.7	19.6
11 7	3 40.19	+ 9 42.4	1.103	2.079	6.6	19.4
11 17	3 29.36	+ 9 36.4	1.121	2.103	4.4	19.4
11 27	3 19.13	+ 9 42.6	1.165	2.128	7.8	19.6
12 7	3 10.91	+10 2.8	1.233	2.153	12.4	20.0
12 17	3 5.60	+10 36.7	1.322	2.179	16.4	20.3

388159 2005 YV_{70} 11 16.9 304.°23 7.°0/20.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.14	+36 39.9	1.607	2.356	19.5	20.8
10 18	3 56.28	+37 8.5	1.513	2.345	16.7	20.5
10 28	3 49.84	+37 16.7	1.437	2.334	13.4	20.3
11 7	3 40.47	+36 59.4	1.381	2.323	9.8	20.1
11 17	3 29.36	+36 13.5	1.350	2.313	7.3	19.9
11 27	3 18.26	+35 1.3	1.344	2.302	7.7	19.9
12 7	3 8.85	+33 30.8	1.365	2.292	10.8	20.1
12 17	3 2.40	+31 53.3	1.409	2.283	14.5	20.3

444544 2006 SS_{257} 11 16.9 346.°88 0.°3/16.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 52.05	+20 24.3	1.445	2.262	18.3	21.1
10 18	3 50.24	+20 7.7	1.362	2.252	14.7	20.9
10 28	3 45.37	+19 40.2	1.298	2.243	10.3	20.6
11 7	3 38.07	+19 3.1	1.256	2.235	5.3	20.3
11 17	3 29.39	+18 19.8	1.240	2.229	0.3	19.9
11 27	3 20.75	+17 35.6	1.250	2.223	5.5	20.3
12 7	3 13.55	+16 56.9	1.285	2.219	10.6	20.5
12 17	3 8.82	+16 29.0	1.342	2.216	15.1	20.8

70222 1999 RN_{46} 11 16.9 94.°86 8.°7/22.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 7.42	+42 55.3	1.912	2.603	18.6	19.5
10 18	4 2.24	+43 48.8	1.841	2.622	16.2	19.4
10 28	3 53.54	+44 21.4	1.788	2.641	13.5	19.3
11 7	3 42.13	+44 27.4	1.756	2.659	10.8	19.1
11 17	3 29.35	+44 3.1	1.748	2.677	9.0	19.1
11 27	3 16.95	+43 10.1	1.767	2.695	8.9	19.1
12 7	3 6.49	+41 55.3	1.812	2.712	10.4	19.2
12 17	2 59.01	+40 28.5	1.883	2.729	12.7	19.4

348791 2006 PY_{22} 11 16.9 51.°54 1.°7/16.0 15

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 0.23	+17 25.3	1.520	2.322	18.3	21.0
10 18	3 55.76	+16 48.5	1.475	2.357	14.3	20.8
10 28	3 48.49	+16 4.7	1.449	2.391	9.7	20.6
11 7	3 39.30	+15 17.1	1.449	2.426	4.9	20.4
11 17	3 29.39	+14 30.2	1.475	2.462	1.8	20.3
11 27	3 20.07	+13 49.4	1.529	2.497	5.6	20.7
12 7	3 12.46	+13 19.0	1.609	2.532	9.8	21.0
12 17	3 7.25	+13 1.7	1.714	2.567	13.5	21.3

350753 2002 AD_{18} 11 16.9 216.°97 14.°2/15.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 12.30	−11 55.6	1.263	2.034	22.8	20.6
10 18	4 6.48	−12 30.5	1.197	2.032	20.0	20.4
10 28	3 56.73	−12 42.1	1.146	2.030	17.1	20.2
11 7	3 43.87	−12 19.1	1.116	2.028	14.8	20.1
11 17	3 29.35	−11 13.9	1.108	2.025	14.2	20.1
11 27	3 15.10	− 9 25.4	1.125	2.022	15.7	20.1
12 7	3 2.93	− 7 0.7	1.165	2.019	18.4	20.3
12 17	2 54.06	− 4 10.9	1.226	2.016	21.5	20.5

69249 1981 EH_{27} 11 16.9 264.°06 7.°3/20.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 3.83	+36 0.3	1.911	2.639	17.5	18.7
10 18	3 59.60	+37 7.2	1.813	2.629	15.0	18.5
10 28	3 52.01	+38 0.6	1.734	2.619	12.1	18.3
11 7	3 41.58	+38 34.6	1.677	2.609	9.3	18.1
11 17	3 29.37	+38 44.6	1.646	2.598	7.4	18.0
11 27	3 16.93	+38 29.7	1.643	2.588	7.9	18.0
12 7	3 5.89	+37 53.9	1.665	2.577	10.3	18.1
12 17	2 57.52	+37 5.0	1.713	2.567	13.4	18.3

420605 2012 HJ_{51} 11 16.9 180.°09 4.°6/13.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.45	+ 5 7.5	2.453	3.241	12.5	21.3
10 18	3 50.43	+ 4 31.2	2.372	3.241	10.1	21.2
10 28	3 44.57	+ 3 57.0	2.314	3.241	7.5	21.0
11 7	3 37.34	+ 3 28.4	2.282	3.241	5.3	20.9
11 17	3 29.41	+ 3 9.0	2.278	3.241	4.8	20.8
11 27	3 21.58	+ 3 1.5	2.304	3.241	6.5	21.0
12 7	3 14.59	+ 3 7.5	2.357	3.241	9.1	21.1
12 17	3 9.06	+ 3 27.0	2.436	3.240	11.6	21.3

331272 2011 CB_{78} 11 16.9 287.°16 0.°6/16.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.04	+19 18.3	2.291	3.074	13.4	21.4
10 18	3 50.50	+18 53.6	2.192	3.064	10.7	21.2
10 28	3 44.85	+18 21.6	2.116	3.053	7.4	21.0
11 7	3 37.58	+17 43.6	2.065	3.042	3.8	20.7
11 17	3 29.42	+17 2.2	2.044	3.032	0.6	20.5
11 27	3 21.27	+16 20.9	2.052	3.021	4.2	20.7
12 7	3 14.04	+15 43.8	2.088	3.011	7.9	21.0
12 17	3 8.44	+15 14.4	2.151	3.001	11.2	21.1

220668 2004 RY_{197} 11 16.9 76.°34 2.°7/15.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.56	+14 20.2	2.132	2.925	14.0	20.2
10 18	3 50.78	+13 27.4	2.057	2.935	11.0	20.0
10 28	3 44.90	+12 29.7	2.006	2.945	7.6	19.8
11 7	3 37.52	+11 30.6	1.980	2.955	4.2	19.6
11 17	3 29.42	+10 34.4	1.984	2.966	2.8	19.5
11 27	3 21.52	+ 9 45.7	2.017	2.976	5.4	19.7
12 7	3 14.68	+ 9 8.4	2.077	2.986	8.8	20.0
12 17	3 9.54	+ 8 44.6	2.164	2.996	11.8	20.2

405016 2001 DD_{55} 11 16.9 283.°12 2.°7/18.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.70	+27 37.8	2.239	2.998	14.4	21.5
10 18	3 52.87	+27 49.6	2.140	2.990	11.8	21.3
10 28	3 46.65	+27 50.6	2.062	2.982	8.7	21.1
11 7	3 38.56	+27 39.8	2.009	2.974	5.3	20.9
11 17	3 29.41	+27 17.1	1.984	2.965	2.8	20.7
11 27	3 20.26	+26 44.6	1.988	2.957	4.3	20.8
12 7	3 12.13	+26 6.5	2.021	2.949	7.7	21.0
12 17	3 5.88	+25 27.6	2.080	2.942	11.0	21.2

162253 1999 TQ_{297} 11 16.9 62.°89 0.°6/16.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 0.21	+17 50.8	1.638	2.433	17.4	20.4
10 18	3 56.00	+17 53.1	1.570	2.448	13.8	20.2
10 28	3 48.91	+17 49.5	1.523	2.462	9.6	20.0
11 7	3 39.69	+17 41.0	1.499	2.477	4.8	19.8
11 17	3 29.40	+17 29.3	1.503	2.492	0.6	19.5
11 27	3 19.40	+17 17.6	1.535	2.507	5.1	19.9
12 7	3 10.90	+17 9.7	1.595	2.522	9.5	20.1
12 17	3 4.77	+17 8.6	1.678	2.537	13.4	20.4

127785 2003 FE_{63} 11 16.9 202.°80 3.°7/14.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.58	+11 38.3	1.841	2.638	15.7	20.2
10 18	3 54.45	+10 57.7	1.757	2.636	12.6	20.0
10 28	3 47.76	+10 13.8	1.695	2.633	8.9	19.7
11 7	3 39.11	+ 9 30.5	1.658	2.630	5.2	19.5
11 17	3 29.41	+ 8 52.2	1.648	2.627	3.8	19.4
11 27	3 19.80	+ 8 23.5	1.667	2.623	6.6	19.6
12 7	3 11.40	+ 8 8.1	1.713	2.620	10.4	19.8
12 17	3 5.04	+ 8 7.7	1.783	2.615	14.0	20.0

43191 1999 YM_5 11 16.9 44.°07 4.°3/15.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.61	+ 6 25.8	1.926	2.719	15.2	18.1
10 18	3 54.13	+ 6 20.0	1.858	2.733	12.2	18.0
10 28	3 47.31	+ 6 17.8	1.813	2.746	8.8	17.8
11 7	3 38.78	+ 6 22.1	1.793	2.760	5.6	17.6
11 17	3 29.42	+ 6 35.4	1.800	2.774	4.4	17.6
11 27	3 20.27	+ 6 59.3	1.836	2.788	6.6	17.7
12 7	3 12.33	+ 7 34.3	1.900	2.803	9.8	18.0
12 17	3 6.32	+ 8 19.8	1.989	2.818	12.8	18.2

85074 1288 T_{-2} 11 16.9 202.°22 0.°4/16.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 57.08	+19 8.2	2.039	2.823	14.8	19.8
10 18	3 53.12	+18 57.6	1.951	2.823	11.8	19.6
10 28	3 46.76	+18 40.1	1.885	2.822	8.2	19.4
11 7	3 38.58	+18 16.9	1.845	2.822	4.2	19.2
11 17	3 29.42	+17 50.0	1.833	2.821	0.4	18.9
11 27	3 20.34	+17 22.6	1.850	2.821	4.4	19.2
12 7	3 12.36	+16 58.6	1.895	2.820	8.4	19.4
12 17	3 6.30	+16 41.5	1.966	2.819	12.0	19.6

300776 2007 VA_{269} 11 16.9 16.°36 4.°6/15.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 55.26	+ 9 11.6	1.173	2.009	20.5	19.3
10 18	3 52.96	+ 9 4.5	1.118	2.018	16.4	19.0
10 28	3 47.25	+ 8 59.8	1.081	2.028	11.6	18.8
11 7	3 38.97	+ 9 1.6	1.065	2.041	6.8	18.6
11 17	3 29.42	+ 9 13.6	1.073	2.054	4.7	18.5
11 27	3 20.22	+ 9 38.5	1.106	2.070	8.0	18.8
12 7	3 12.83	+10 16.9	1.162	2.086	12.5	19.1
12 17	3 8.24	+11 8.1	1.239	2.105	16.7	19.4

241337 2007 VJ_{241} 11 16.9 119.°63 4.°3/14.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.58	+ 8 8.1	2.049	2.839	14.6	20.8
10 18	3 53.97	+ 7 30.3	1.979	2.851	11.6	20.7
10 28	3 47.12	+ 6 53.0	1.930	2.863	8.3	20.5
11 7	3 38.67	+ 6 20.0	1.908	2.875	5.3	20.3
11 17	3 29.43	+ 5 55.1	1.914	2.886	4.4	20.3
11 27	3 20.41	+ 5 41.8	1.949	2.896	6.6	20.5
12 7	3 12.52	+ 5 42.0	2.011	2.907	9.7	20.7
12 17	3 6.47	+ 5 56.2	2.099	2.917	12.7	20.9

513517 2009 SA_{315} 11 16.9 30.°54 0.°5/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.23	+21 15.4	1.102	1.930	22.1	20.9
10 18	3 54.92	+21 12.7	1.048	1.943	17.7	20.7
10 28	3 48.81	+20 57.5	1.011	1.958	12.3	20.4
11 7	3 39.81	+20 30.8	0.995	1.974	6.4	20.2
11 17	3 29.43	+19 55.9	1.002	1.991	0.5	19.8
11 27	3 19.54	+19 18.7	1.034	2.009	6.1	20.3
12 7	3 11.76	+18 46.3	1.089	2.027	11.6	20.6
12 17	3 7.13	+18 24.4	1.166	2.047	16.3	21.0

101624 1999 CV_{18} 11 16.9 326.°87 1.°6/16.3 17

10 8	3 56.90	+13 29.8	2.010	2.803	14.7	19.0
10 18	3 53.11	+13 42.0	1.914	2.791	11.8	18.8
10 28	3 46.89	+13 53.5	1.840	2.779	8.2	18.5
11 7	3 38.74	+14 5.3	1.791	2.768	4.3	18.3
11 17	3 29.45	+14 18.8	1.770	2.757	1.7	18.1
11 27	3 20.07	+14 35.5	1.778	2.746	5.0	18.3
12 7	3 11.70	+14 57.2	1.814	2.736	8.9	18.5
12 17	3 5.20	+15 25.1	1.876	2.726	12.6	18.7

53473 2000 AN_{39} 11 16.9 199.°69 1.°5/17.6 18

10 8	4 2.15	+23 13.1	1.820	2.594	16.7	20.0
10 18	3 57.65	+23 23.1	1.729	2.592	13.5	19.7
10 28	3 50.22	+23 23.6	1.659	2.590	9.6	19.5
11 7	3 40.48	+23 13.9	1.614	2.586	5.3	19.2
11 17	3 29.44	+22 54.2	1.596	2.583	1.5	19.0
11 27	3 18.42	+22 27.5	1.607	2.579	4.7	19.2
12 7	3 8.75	+21 58.3	1.646	2.574	9.2	19.4
12 17	3 1.41	+21 32.0	1.710	2.570	13.1	19.7

84649 2002 VL_{62} 11 16.9 3.°01 2.°7/18.5 18

10 8	3 57.98	+27 14.7	1.900	2.670	16.3	19.8
10 18	3 54.23	+27 21.6	1.812	2.669	13.3	19.6
10 28	3 47.76	+27 16.0	1.745	2.669	9.7	19.4
11 7	3 39.19	+26 56.8	1.702	2.670	5.8	19.1
11 17	3 29.46	+26 24.5	1.686	2.670	2.7	19.0
11 27	3 19.84	+25 42.2	1.699	2.670	4.7	19.1
12 7	3 11.50	+24 55.2	1.739	2.670	8.6	19.3
12 17	3 5.37	+24 9.5	1.805	2.671	12.2	19.5

484903 2009 RD_{34} 11 16.9 111.°44 6.°1/20.4 18

10 8	4 5.31	+36 31.2	2.477	3.178	14.6	21.1
10 18	3 59.74	+37 40.9	2.392	3.189	12.4	21.0
10 28	3 51.48	+38 38.4	2.327	3.199	10.0	20.8
11 7	3 41.08	+39 19.6	2.288	3.209	7.7	20.7
11 17	3 29.46	+39 41.1	2.275	3.219	6.2	20.6
11 27	3 17.80	+39 42.7	2.293	3.229	6.5	20.6
12 7	3 7.32	+39 27.3	2.338	3.239	8.3	20.8
12 17	2 58.95	+39 0.2	2.410	3.248	10.6	20.9

75882 2000 CC_{32} 11 16.9 238.°35 5.°4/20.4 18

10 8	4 1.73	+36 4.7	2.370	3.084	14.9	19.5
10 18	3 57.08	+36 31.9	2.261	3.071	12.7	19.4
10 28	3 49.74	+36 44.9	2.172	3.057	10.1	19.2
11 7	3 40.25	+36 40.3	2.107	3.042	7.4	19.0
11 17	3 29.49	+36 16.0	2.068	3.027	5.6	18.8
11 27	3 18.65	+35 32.9	2.059	3.011	6.0	18.8
12 7	3 8.93	+34 35.5	2.079	2.995	8.3	18.9
12 17	3 1.30	+33 30.3	2.125	2.978	11.2	19.1

268299 2005 QJ_{92} 11 16.9 62.°34 0.°8/16.6 18

10 8	4 1.11	+19 13.8	1.375	2.181	19.6	21.3
10 18	3 57.09	+18 53.7	1.319	2.202	15.5	21.1
10 28	3 49.82	+18 24.1	1.281	2.224	10.7	20.8
11 7	3 40.19	+17 47.2	1.267	2.245	5.4	20.6
11 17	3 29.50	+17 6.8	1.278	2.267	0.8	20.3
11 27	3 19.30	+16 28.3	1.317	2.289	5.7	20.8
12 7	3 10.94	+15 57.4	1.381	2.310	10.5	21.1
12 17	3 5.32	+15 38.0	1.469	2.332	14.7	21.4

167625 2004 CJ_{57} 11 16.9 84.°42 0.°1/16.9 17

10 8	3 56.26	+18 31.2	2.545	3.318	12.5	20.1
10 18	3 51.96	+18 39.2	2.456	3.322	9.9	19.9
10 28	3 45.71	+18 42.9	2.391	3.325	6.9	19.7
11 7	3 38.00	+18 42.8	2.353	3.329	3.5	19.5
11 17	3 29.52	+18 39.7	2.343	3.332	0.1	19.2
11 27	3 21.10	+18 35.6	2.365	3.336	3.6	19.5
12 7	3 13.54	+18 32.5	2.415	3.339	6.9	19.7
12 17	3 7.51	+18 32.6	2.493	3.342	9.9	19.9

326063 2011 AN_{43} 11 16.9 154.°88 0.°2/17.1 18

10 8	3 55.70	+20 48.6	2.722	3.488	11.9	22.0
10 18	3 51.36	+20 40.3	2.632	3.492	9.5	21.8
10 28	3 45.21	+20 25.8	2.565	3.497	6.6	21.7
11 7	3 37.71	+20 5.9	2.526	3.501	3.4	21.5
11 17	3 29.53	+19 41.8	2.516	3.505	0.2	21.2
11 27	3 21.43	+19 15.9	2.537	3.508	3.3	21.5
12 7	3 14.16	+18 51.2	2.588	3.512	6.5	21.7
12 17	3 8.33	+18 30.3	2.666	3.515	9.3	21.9

276611 2003 UF_{82} 11 16.9 336.°03 10.°3/ 7.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 48.04	+ 2 8.1	1.595	2.421	16.5	20.1
10 18	3 46.60	− 0 35.4	1.512	2.397	13.8	19.9
10 28	3 42.63	− 3 23.5	1.452	2.374	11.5	19.7
11 7	3 36.66	− 6 3.9	1.418	2.352	10.3	19.6
11 17	3 29.53	− 8 23.4	1.409	2.332	11.2	19.6
11 27	3 22.37	−10 10.7	1.425	2.312	13.6	19.7
12 7	3 16.32	−11 19.7	1.462	2.294	16.6	19.8
12 17	3 12.26	−11 49.9	1.519	2.277	19.4	20.0

135596 2002 GU_{168} 11 16.9 142.°03 4.°7/19.4 18

10 8	4 2.79	+31 7.9	1.929	2.676	16.8	20.2
10 18	3 58.21	+31 46.9	1.843	2.680	14.0	20.0
10 28	3 50.65	+32 12.9	1.778	2.685	10.6	19.8
11 7	3 40.74	+32 22.6	1.736	2.689	7.2	19.6
11 17	3 29.52	+32 14.1	1.721	2.692	4.8	19.4
11 27	3 18.37	+31 48.9	1.734	2.696	5.8	19.5
12 7	3 8.63	+31 11.7	1.775	2.699	8.9	19.7
12 17	3 1.31	+30 29.2	1.842	2.702	12.3	19.9

143301 2003 AO_{39} 11 16.9 322.°57 0.°7/17.3 18

10 8	3 54.63	+22 57.4	1.736	2.529	16.7	20.4
10 18	3 51.85	+22 41.0	1.642	2.518	13.4	20.2
10 28	3 46.29	+22 12.7	1.569	2.507	9.5	19.9
11 7	3 38.54	+21 33.1	1.520	2.496	5.1	19.6
11 17	3 29.53	+20 44.6	1.497	2.485	0.7	19.3
11 27	3 20.53	+19 51.7	1.502	2.476	4.8	19.6
12 7	3 12.79	+19 0.5	1.534	2.466	9.4	19.8
12 17	3 7.25	+18 16.9	1.590	2.457	13.5	20.0

131408 2001 MN_3 11 16.9 134.°50 7.°5/ 9.5 18

10 8	3 53.33	− 3 2.4	2.670	3.446	11.9	19.3
10 18	3 49.34	− 4 54.0	2.606	3.452	10.0	19.2
10 28	3 43.72	− 6 40.7	2.567	3.459	8.4	19.1
11 7	3 36.92	− 8 16.3	2.555	3.466	7.5	19.1
11 17	3 29.55	− 9 35.1	2.571	3.472	7.8	19.1
11 27	3 22.31	−10 33.0	2.615	3.478	9.1	19.2
12 7	3 15.86	−11 8.1	2.685	3.483	10.8	19.3
12 17	3 10.73	−11 21.0	2.776	3.489	12.5	19.5

88514 2001 QS_{155} 11 16.9 40.°16 0.°9/17.4 18

10 8	3 58.15	+23 5.5	1.294	2.104	20.4	19.1
10 18	3 55.21	+22 53.0	1.232	2.116	16.4	18.9
10 28	3 48.81	+22 26.8	1.188	2.129	11.5	18.6
11 7	3 39.80	+21 47.5	1.167	2.143	6.1	18.4
11 17	3 29.53	+20 58.5	1.170	2.158	0.9	18.1
11 27	3 19.67	+20 5.8	1.199	2.173	5.5	18.4
12 7	3 11.69	+19 17.1	1.253	2.189	10.7	18.8
12 17	3 6.57	+18 38.5	1.330	2.205	15.1	19.1

316678 1995 UO_{12} 11 16.9 128.°14 2.°4/18.2 17

10 8	4 5.77	+25 38.5	1.875	2.634	16.8	21.3
10 18	4 0.25	+25 57.2	1.799	2.650	13.6	21.1
10 28	3 51.84	+26 5.0	1.743	2.666	9.8	20.9
11 7	3 41.25	+26 0.6	1.713	2.681	5.7	20.7
11 17	3 29.55	+25 43.7	1.710	2.695	2.5	20.5
11 27	3 18.10	+25 16.9	1.738	2.708	4.7	20.7
12 7	3 8.16	+24 45.2	1.794	2.721	8.6	20.9
12 17	3 0.62	+24 14.1	1.876	2.733	12.3	21.2

73368 2002 KB_{11} 11 16.9 168.°50 3.°4/14.1 18

10 8	3 54.17	+ 9 44.8	2.752	3.535	11.4	21.1
10 18	3 50.01	+ 8 50.3	2.668	3.538	9.1	21.0
10 28	3 44.19	+ 7 54.2	2.609	3.541	6.5	20.8
11 7	3 37.18	+ 6 59.6	2.577	3.544	4.1	20.7
11 17	3 29.57	+ 6 10.3	2.575	3.546	3.5	20.6
11 27	3 22.07	+ 5 29.8	2.603	3.548	5.4	20.8
12 7	3 15.34	+ 5 0.7	2.661	3.549	7.9	20.9
12 17	3 9.93	+ 4 44.4	2.744	3.550	10.4	21.1

78879 2003 RK_{15} 11 16.9 15.°19 1.°7/15.7 18

10 8	3 52.73	+19 21.0	1.891	2.689	15.3	18.7
10 18	3 49.76	+18 12.4	1.812	2.693	12.1	18.5
10 28	3 44.45	+16 52.8	1.755	2.697	8.3	18.3
11 7	3 37.43	+15 26.0	1.723	2.701	4.2	18.0
11 17	3 29.57	+13 57.6	1.720	2.706	1.8	17.9
11 27	3 21.91	+12 34.3	1.745	2.711	5.3	18.1
12 7	3 15.43	+11 22.6	1.799	2.717	9.2	18.4
12 17	3 10.84	+10 26.6	1.877	2.724	12.7	18.6

47744 2000 DJ_{75} 11 16.9 214.°04 1.°6/18.1 17

10 8	3 55.84	+25 14.3	2.606	3.364	12.6	19.4
10 18	3 51.72	+25 14.6	2.508	3.361	10.2	19.2
10 28	3 45.61	+25 6.2	2.434	3.358	7.3	19.0
11 7	3 38.00	+24 48.9	2.385	3.354	4.2	18.8
11 17	3 29.57	+24 23.5	2.365	3.351	1.6	18.6
11 27	3 21.18	+23 52.3	2.376	3.347	3.5	18.7
12 7	3 13.66	+23 18.6	2.416	3.343	6.7	18.9
12 17	3 7.69	+22 46.2	2.484	3.340	9.7	19.1

98853 2001 AY_{34} 11 16.9 281.°77 9.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.15	− 2 17.2	1.799	2.592	16.2	18.9
10 18	3 53.44	− 3 22.4	1.717	2.579	13.6	18.7
10 28	3 47.18	− 4 20.7	1.656	2.566	11.1	18.5
11 7	3 38.94	− 5 4.7	1.618	2.553	9.3	18.4
11 17	3 29.57	− 5 27.7	1.606	2.540	9.3	18.4
11 27	3 20.22	− 5 25.2	1.620	2.527	11.1	18.4
12 7	3 11.99	− 4 56.0	1.658	2.513	13.7	18.6
12 17	3 5.77	− 4 2.3	1.718	2.500	16.5	18.8

35065 1988 SU_{1} 11 16.9 226.°91 1.°4/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 58.86	+22 34.6	2.331	3.096	13.7	18.2
10 18	3 54.38	+22 56.6	2.236	3.093	11.1	18.0
10 28	3 47.62	+23 12.2	2.163	3.091	7.9	17.8
11 7	3 39.10	+23 20.8	2.116	3.088	4.4	17.6
11 17	3 29.57	+23 22.1	2.098	3.085	1.4	17.3
11 27	3 20.03	+23 17.7	2.110	3.081	3.9	17.5
12 7	3 11.45	+23 10.1	2.151	3.078	7.4	17.7
12 17	3 4.64	+23 2.7	2.219	3.075	10.7	17.9

176246 2001 QV_{241} 11 16.9 45.°02 4.°8/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.22	+ 9 26.9	1.773	2.580	15.8	19.7
10 18	3 51.75	+ 8 30.8	1.705	2.588	12.6	19.5
10 28	3 45.85	+ 7 33.2	1.658	2.596	9.0	19.3
11 7	3 38.16	+ 6 39.1	1.635	2.604	5.8	19.1
11 17	3 29.58	+ 5 54.0	1.640	2.612	4.9	19.1
11 27	3 21.22	+ 5 22.7	1.672	2.621	7.4	19.2
12 7	3 14.10	+ 5 8.3	1.730	2.630	10.8	19.5
12 17	3 8.95	+ 5 11.5	1.812	2.639	14.0	19.7

186631 2003 GA_{41} 11 16.9 309.°67 6.°7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 52.97	+ 5 6.0	1.906	2.712	14.9	20.0
10 18	3 49.95	+ 3 38.8	1.823	2.702	12.1	19.8
10 28	3 44.64	+ 2 10.8	1.763	2.692	9.3	19.6
11 7	3 37.58	+ 0 48.7	1.728	2.683	7.1	19.5
11 17	3 29.58	− 0 20.3	1.720	2.673	7.0	19.4
11 27	3 21.64	− 1 10.0	1.739	2.664	9.2	19.5
12 7	3 14.73	− 1 37.0	1.783	2.655	12.1	19.7
12 17	3 9.62	− 1 40.4	1.850	2.647	15.0	19.9

69666 1998 FC_{123} 11 16.9 128.°81 0.°3/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 0.78	+18 56.0	1.949	2.729	15.5	20.0
10 18	3 56.09	+18 53.3	1.870	2.739	12.4	19.8
10 28	3 48.86	+18 44.1	1.812	2.748	8.6	19.6
11 7	3 39.72	+18 29.4	1.780	2.756	4.4	19.3
11 17	3 29.59	+18 10.7	1.776	2.764	0.3	19.0
11 27	3 19.62	+17 51.1	1.801	2.772	4.5	19.4
12 7	3 10.92	+17 34.2	1.855	2.780	8.6	19.7
12 17	3 4.28	+17 23.2	1.935	2.787	12.2	19.9

153395 2001 QF_{102} 11 16.9 62.°55 9.°1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 7.08	+40 10.9	1.448	2.180	22.0	20.6
10 18	4 2.77	+41 9.4	1.390	2.204	18.9	20.4
10 28	3 54.32	+41 43.9	1.349	2.227	15.4	20.2
11 7	3 42.70	+41 47.6	1.328	2.251	11.9	20.1
11 17	3 29.57	+41 16.9	1.329	2.275	9.5	20.0
11 27	3 17.02	+40 14.7	1.356	2.299	9.4	20.1
12 7	3 6.89	+38 50.9	1.407	2.323	11.6	20.3
12 17	3 0.27	+37 17.9	1.482	2.346	14.5	20.5

73897 1997 EN_{39} 11 16.9 22.°62 5.°9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.06	+31 6.1	1.222	2.016	22.3	18.6
10 18	3 56.76	+31 46.7	1.155	2.021	18.5	18.4
10 28	3 50.44	+32 8.2	1.104	2.027	14.1	18.2
11 7	3 40.89	+32 6.2	1.074	2.034	9.5	17.9
11 17	3 29.58	+31 38.4	1.066	2.042	6.1	17.8
11 27	3 18.54	+30 48.6	1.083	2.051	7.3	17.9
12 7	3 9.64	+29 45.8	1.123	2.060	11.5	18.1
12 17	3 4.11	+28 40.8	1.186	2.070	15.9	18.4

488206 2015 XC_{264} 11 16.9 23.°42 0.°0/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.87	+19 15.3	2.021	2.806	14.9	21.7
10 18	3 53.02	+19 17.5	1.936	2.808	11.9	21.5
10 28	3 46.76	+19 13.7	1.874	2.811	8.3	21.3
11 7	3 38.68	+19 4.3	1.836	2.813	4.2	21.0
11 17	3 29.61	+18 51.0	1.827	2.816	0.0	20.7
11 27	3 20.62	+18 36.2	1.847	2.819	4.3	21.1
12 7	3 12.75	+18 23.3	1.895	2.822	8.3	21.3
12 17	3 6.80	+18 15.4	1.968	2.825	11.8	21.5

393468 2002 AB_{209} 11 16.9 289.°73 0.°6/17.2 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.60	+20 59.1	1.724	2.512	17.0	22.7
10 18	3 56.19	+21 4.5	1.610	2.482	13.8	22.4
10 28	3 49.70	+21 1.8	1.516	2.452	9.9	22.1
11 7	3 40.54	+20 50.5	1.445	2.421	5.3	21.8
11 17	3 29.61	+20 30.9	1.402	2.390	0.6	21.3
11 27	3 18.28	+20 6.0	1.386	2.359	5.2	21.6
12 7	3 8.05	+19 40.4	1.398	2.328	10.3	21.8
12 17	3 0.16	+19 19.5	1.433	2.296	15.0	22.0

496471 2014 SL_{157} 11 16.9 64.°58 6.°0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.19	+35 55.5	2.234	2.950	15.6	21.0
10 18	3 58.17	+36 54.9	2.162	2.971	13.2	20.9
10 28	3 50.41	+37 40.3	2.110	2.991	10.5	20.8
11 7	3 40.56	+38 8.0	2.082	3.011	7.9	20.6
11 17	3 29.62	+38 15.5	2.080	3.031	6.2	20.6
11 27	3 18.83	+38 3.3	2.107	3.051	6.5	20.6
12 7	3 9.38	+37 35.7	2.162	3.072	8.4	20.8
12 17	3 2.17	+36 58.5	2.243	3.092	10.8	21.0

366197 2012 JW 11 16.9 184.°52 4.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.58	+ 7 47.5	2.495	3.284	12.3	21.3
10 18	3 49.77	+ 6 55.3	2.412	3.284	9.8	21.1
10 28	3 44.16	+ 6 2.5	2.353	3.284	7.1	21.0
11 7	3 37.24	+ 5 13.2	2.320	3.284	4.8	20.8
11 17	3 29.63	+ 4 31.0	2.317	3.283	4.3	20.8
11 27	3 22.12	+ 3 59.8	2.342	3.283	6.2	20.9
12 7	3 15.43	+ 3 41.9	2.396	3.282	8.8	21.1
12 17	3 10.17	+ 3 38.3	2.475	3.281	11.4	21.2

449216 2013 CB_{83} 11 16.9 284.°44 6.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 59.64	+35 44.5	1.875	2.613	17.5	21.2
10 18	3 56.14	+36 10.8	1.775	2.602	14.9	21.0
10 28	3 49.50	+36 19.9	1.695	2.590	11.8	20.7
11 7	3 40.31	+36 7.6	1.636	2.578	8.6	20.5
11 17	3 29.62	+35 31.6	1.603	2.566	6.3	20.4
11 27	3 18.89	+34 33.5	1.597	2.554	6.8	20.4
12 7	3 9.58	+33 19.8	1.618	2.543	9.6	20.5
12 17	3 2.79	+31 59.2	1.665	2.531	13.0	20.7

409095 2003 SX_{359} 11 16.9 318.°55 3.°8/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 53.35	+10 23.6	2.278	3.072	13.1	21.5
10 18	3 49.81	+ 9 29.5	2.194	3.071	10.5	21.3
10 28	3 44.30	+ 8 32.8	2.134	3.070	7.5	21.1
11 7	3 37.34	+ 7 37.6	2.099	3.069	4.7	20.9
11 17	3 29.63	+ 6 48.1	2.094	3.067	3.9	20.9
11 27	3 22.02	+ 6 8.6	2.117	3.066	6.1	21.0
12 7	3 15.31	+ 5 42.3	2.168	3.065	9.1	21.2
12 17	3 10.16	+ 5 30.6	2.245	3.064	11.9	21.4

333909 1999 TU_{21} 11 16.9 27.°22 0.°8/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.31	+17 5.1	1.313	2.121	20.3	19.5
10 18	3 59.37	+18 6.3	1.249	2.133	16.2	19.3
10 28	3 51.85	+19 5.7	1.205	2.146	11.4	19.1
11 7	3 41.49	+20 1.1	1.183	2.160	5.9	18.8
11 17	3 29.63	+20 50.2	1.187	2.175	0.8	18.5
11 27	3 18.00	+21 32.4	1.217	2.191	5.6	18.9
12 7	3 8.24	+22 9.4	1.274	2.208	10.7	19.2
12 17	3 1.49	+22 44.3	1.354	2.226	15.1	19.5

519136 2010 MU_{97} 11 16.9 158.°07 3.°5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 57.14	+ 8 59.5	2.483	3.264	12.6	22.1
10 18	3 52.53	+ 8 23.5	2.402	3.270	10.0	21.9
10 28	3 46.05	+ 7 47.1	2.345	3.276	7.1	21.8
11 7	3 38.20	+ 7 13.5	2.314	3.282	4.5	21.6
11 17	3 29.65	+ 6 45.7	2.313	3.287	3.6	21.6
11 27	3 21.23	+ 6 26.8	2.343	3.291	5.6	21.7
12 7	3 13.71	+ 6 19.0	2.401	3.295	8.4	21.9
12 17	3 7.69	+ 6 23.2	2.484	3.298	11.1	22.1

448835 2011 US_{73} 11 16.9 199.°97 1.°3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 56.37	+18 57.9	2.122	2.906	14.3	21.5
10 18	3 52.44	+18 8.6	2.032	2.904	11.4	21.3
10 28	3 46.26	+17 10.2	1.964	2.902	7.9	21.0
11 7	3 38.39	+16 5.3	1.923	2.900	4.0	20.8
11 17	3 29.65	+14 57.7	1.911	2.898	1.4	20.6
11 27	3 21.03	+13 52.7	1.928	2.895	4.8	20.8
12 7	3 13.48	+12 55.5	1.975	2.892	8.6	21.1
12 17	3 7.73	+12 10.2	2.047	2.889	12.0	21.3

71009 1999 XY_{44} 11 16.9 119.°07 0.°3/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	4 3.67	+17 15.4	2.075	2.847	15.0	19.6
10 18	3 58.17	+17 32.0	1.998	2.862	11.9	19.4
10 28	3 50.21	+17 44.9	1.943	2.876	8.3	19.2
11 7	3 40.40	+17 54.1	1.914	2.890	4.2	19.0
11 17	3 29.65	+18 0.3	1.915	2.904	0.3	18.7
11 27	3 19.08	+18 5.0	1.946	2.917	4.3	19.1
12 7	3 9.73	+18 10.7	2.007	2.930	8.2	19.3
12 17	3 2.41	+18 19.8	2.094	2.942	11.6	19.6

227634 2006 BV_{93} 11 16.9 131.°39 4.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 54.01	+ 7 15.1	2.389	3.179	12.7	20.9
10 18	3 50.18	+ 6 25.3	2.310	3.182	10.2	20.7
10 28	3 44.48	+ 5 35.6	2.254	3.185	7.4	20.5
11 7	3 37.42	+ 4 50.0	2.225	3.188	5.1	20.4
11 17	3 29.66	+ 4 12.5	2.225	3.191	4.5	20.4
11 27	3 22.02	+ 3 46.6	2.253	3.193	6.4	20.5
12 7	3 15.26	+ 3 34.5	2.309	3.196	9.1	20.6
12 17	3 9.98	+ 3 37.0	2.390	3.198	11.7	20.8

251566 2009 DL_{141} 11 16.9 137.°78 1.°0/17.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.08	+23 32.3	2.120	2.891	14.7	21.6
10 18	3 53.87	+23 22.9	2.034	2.896	11.8	21.4
10 28	3 47.29	+23 3.7	1.970	2.900	8.4	21.2
11 7	3 38.94	+22 35.1	1.932	2.905	4.5	20.9
11 17	3 29.66	+21 58.6	1.921	2.909	1.0	20.7
11 27	3 20.51	+21 17.8	1.941	2.913	4.0	20.9
12 7	3 12.51	+20 37.0	1.989	2.917	7.9	21.2
12 17	3 6.42	+20 0.8	2.064	2.921	11.3	21.4

509470 2007 RE_{253} 11 16.9 9.°94 1.°4/17.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.12	+20 26.5	0.895	1.745	24.2	20.2
10 18	3 53.53	+20 59.4	0.839	1.747	19.6	19.9
10 28	3 48.59	+21 22.1	0.798	1.750	13.9	19.6
11 7	3 40.10	+21 33.7	0.776	1.755	7.4	19.3
11 17	3 29.66	+21 34.3	0.774	1.763	1.5	19.0
11 27	3 19.49	+21 27.7	0.795	1.772	6.8	19.4
12 7	3 11.67	+21 20.2	0.837	1.783	13.0	19.7
12 17	3 7.52	+21 18.0	0.898	1.795	18.3	20.1

443286 2014 EO_{49} 11 16.9 156.°81 2.°6/15.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 59.05	+13 11.2	2.027	2.815	14.8	21.7
10 18	3 54.57	+12 43.0	1.946	2.820	11.7	21.5
10 28	3 47.74	+12 11.6	1.887	2.825	8.2	21.3
11 7	3 39.16	+11 39.6	1.854	2.829	4.5	21.1
11 17	3 29.67	+11 10.3	1.849	2.832	2.7	21.0
11 27	3 20.32	+10 47.5	1.874	2.835	5.5	21.2
12 7	3 12.10	+10 34.2	1.927	2.838	9.2	21.4
12 17	3 5.77	+10 32.4	2.005	2.841	12.5	21.6

518309 2017 BG_{40} 11 16.9 339.°82 3.°0/15.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 56.14	+12 33.7	1.843	2.644	15.5	21.2
10 18	3 52.61	+12 7.1	1.761	2.642	12.4	21.0
10 28	3 46.58	+11 37.6	1.699	2.639	8.7	20.8
11 7	3 38.64	+11 8.3	1.662	2.637	4.9	20.5
11 17	3 29.67	+10 42.7	1.653	2.635	3.1	20.4
11 27	3 20.78	+10 24.7	1.672	2.633	6.0	20.6
12 7	3 13.05	+10 17.6	1.717	2.632	9.9	20.8
12 17	3 7.30	+10 23.1	1.787	2.630	13.4	21.0

319505 2006 QO_{117} 11 16.9 94.°72 1.°9/17.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 4.91	+24 42.9	1.526	2.307	19.2	21.2
10 18	4 0.08	+24 48.0	1.462	2.327	15.4	21.0
10 28	3 51.96	+24 40.5	1.416	2.346	11.0	20.8
11 7	3 41.41	+24 19.5	1.394	2.366	6.1	20.6
11 17	3 29.70	+23 46.2	1.398	2.385	2.0	20.4
11 27	3 18.41	+23 5.0	1.430	2.403	5.1	20.6
12 7	3 8.94	+22 22.3	1.490	2.421	9.7	20.9
12 17	3 2.24	+21 44.5	1.574	2.439	13.8	21.2

394952 2008 YW_{59} 11 16.9 259.°49 0.°7/17.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.72	+21 41.1	1.889	2.671	15.9	21.7
10 18	3 54.87	+21 39.9	1.794	2.662	12.8	21.5
10 28	3 48.33	+21 29.9	1.719	2.653	9.1	21.2
11 7	3 39.64	+21 11.2	1.669	2.645	4.8	20.9
11 17	3 29.71	+20 45.1	1.647	2.635	0.7	20.6
11 27	3 19.76	+20 14.8	1.654	2.626	4.6	20.9
12 7	3 10.99	+19 44.8	1.688	2.617	8.9	21.1
12 17	3 4.35	+19 19.7	1.748	2.608	12.9	21.4

176715 2002 QJ_{67} 11 16.9 132.°33 3.°2/18.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 4.63	+27 59.0	1.752	2.513	17.7	21.1
10 18	3 59.72	+28 14.5	1.674	2.525	14.5	20.9
10 28	3 51.71	+28 16.5	1.616	2.536	10.6	20.7
11 7	3 41.33	+28 3.2	1.582	2.546	6.5	20.5
11 17	3 29.73	+27 34.2	1.574	2.556	3.3	20.3
11 27	3 18.35	+26 52.8	1.596	2.566	5.2	20.5
12 7	3 8.57	+26 5.0	1.645	2.574	9.1	20.7
12 17	3 1.36	+25 17.7	1.720	2.582	12.9	21.0

437942 2002 RW_{138} 11 16.9 1.°96 13.°5/12.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 47.27	− 4 25.4	1.022	1.872	21.9	19.7
10 18	3 47.09	− 5 51.4	0.973	1.868	18.8	19.5
10 28	3 43.50	− 7 1.5	0.942	1.866	15.8	19.3
11 7	3 37.29	− 7 43.3	0.928	1.867	13.8	19.2
11 17	3 29.73	− 7 47.3	0.934	1.871	13.8	19.2
11 27	3 22.45	− 7 9.0	0.960	1.877	15.6	19.3
12 7	3 16.90	− 5 51.4	1.005	1.886	18.4	19.5
12 17	3 14.06	− 4 2.2	1.067	1.897	21.4	19.8

208878 2002 TX_{57} 11 16.9 41.°77 6.°7/13.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.98	+ 8 5.1	1.478	2.298	17.8	19.7
10 18	3 51.87	+ 6 29.1	1.427	2.316	14.2	19.5
10 28	3 46.05	+ 4 52.4	1.397	2.335	10.4	19.3
11 7	3 38.32	+ 3 23.2	1.391	2.355	7.3	19.2
11 17	3 29.74	+ 2 9.8	1.411	2.375	6.9	19.2
11 27	3 21.58	+ 1 18.8	1.457	2.395	9.4	19.4
12 7	3 14.91	+ 0 53.0	1.528	2.416	12.7	19.7
12 17	3 10.47	+ 0 52.1	1.620	2.438	15.8	19.9

60356 2000 AC_{93} 11 16.9 160.°73 11.°9/15.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 13.82	− 7 43.7	1.254	2.033	22.6	18.5
10 18	4 7.73	− 8 2.3	1.188	2.036	19.4	18.3
10 28	3 57.70	− 8 0.4	1.138	2.038	15.9	18.1
11 7	3 44.55	− 7 28.8	1.109	2.040	12.9	17.9
11 17	3 29.75	− 6 21.6	1.104	2.042	12.0	17.9
11 27	3 15.25	− 4 38.7	1.125	2.044	13.6	18.0
12 7	3 2.86	− 2 26.6	1.171	2.045	16.9	18.2
12 17	2 53.79	+ 0 5.1	1.238	2.045	20.4	18.4

113244 2002 RB_{129} 11 16.9 51.°30 2.°4/15.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.15	+17 49.8	1.294	2.112	20.0	19.9
10 18	3 55.04	+16 56.4	1.234	2.125	15.8	19.7
10 28	3 48.63	+15 52.3	1.193	2.139	10.9	19.4
11 7	3 39.77	+14 42.1	1.174	2.153	5.6	19.2
11 17	3 29.76	+13 32.2	1.181	2.167	2.5	19.0
11 27	3 20.17	+12 30.6	1.214	2.182	6.7	19.3
12 7	3 12.40	+11 43.9	1.272	2.197	11.7	19.6
12 17	3 7.36	+11 16.0	1.352	2.212	15.9	19.9

347798 2002 GL_{190} 11 16.9 157.°48 0.°6/16.6 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 58.44	+21 36.6	2.026	2.804	15.1	21.3
10 18	3 54.18	+20 45.3	1.940	2.808	12.0	21.1
10 28	3 47.51	+19 42.6	1.877	2.812	8.4	20.9
11 7	3 39.08	+18 30.7	1.840	2.816	4.2	20.7
11 17	3 29.76	+17 13.6	1.831	2.820	0.6	20.4
11 27	3 20.65	+15 57.2	1.853	2.823	4.6	20.7
12 7	3 12.75	+14 47.5	1.904	2.825	8.6	20.9
12 17	3 6.80	+13 49.5	1.981	2.828	12.2	21.2

211377 Travisturbyfill 11 16.9 306.°88 0.°4/16.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 57.78	+18 46.6	1.827	2.618	16.0	21.0
10 18	3 54.13	+18 43.7	1.738	2.613	12.8	20.7
10 28	3 47.80	+18 34.2	1.669	2.608	9.0	20.5
11 7	3 39.37	+18 19.0	1.626	2.603	4.6	20.2
11 17	3 29.76	+17 59.7	1.609	2.598	0.4	19.9
11 27	3 20.17	+17 39.7	1.622	2.593	4.8	20.2
12 7	3 11.78	+17 22.9	1.661	2.589	9.2	20.5
12 17	3 5.51	+17 12.8	1.726	2.585	13.1	20.7

469760 2005 QT_{34} 11 16.9 53.°84 0.°1/17.0 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 2.45	+20 35.0	1.269	2.076	20.9	21.2
10 18	3 58.42	+20 28.4	1.219	2.102	16.5	21.0
10 28	3 50.91	+20 11.2	1.187	2.128	11.5	20.8
11 7	3 40.88	+19 44.6	1.177	2.155	5.8	20.6
11 17	3 29.76	+19 11.7	1.193	2.182	0.1	20.2
11 27	3 19.25	+18 37.8	1.235	2.209	5.6	20.7
12 7	3 10.78	+18 8.7	1.303	2.236	10.7	21.1
12 17	3 5.24	+17 49.4	1.394	2.263	14.9	21.4

172199 2002 QK_{24} 11 16.9 74.°83 6.°7/21.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 4.49	+36 53.9	1.821	2.549	18.3	20.2
10 18	3 59.78	+37 37.2	1.753	2.569	15.5	20.0
10 28	3 51.82	+38 2.4	1.704	2.590	12.3	19.9
11 7	3 41.40	+38 5.1	1.676	2.610	9.1	19.7
11 17	3 29.77	+37 43.0	1.675	2.630	6.9	19.6
11 27	3 18.47	+36 58.5	1.700	2.650	7.2	19.7
12 7	3 8.94	+35 58.2	1.753	2.670	9.5	19.9
12 17	3 2.12	+34 50.6	1.830	2.690	12.4	20.1

472774 2015 FS_{137} 11 16.9 129.°60 1.°8/16.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 1.96	+15 56.0	1.926	2.709	15.6	21.9
10 18	3 56.93	+15 30.3	1.853	2.724	12.4	21.8
10 28	3 49.40	+14 59.2	1.801	2.738	8.6	21.6
11 7	3 40.03	+14 25.1	1.775	2.751	4.4	21.3
11 17	3 29.78	+13 51.1	1.778	2.764	1.8	21.2
11 27	3 19.78	+13 21.2	1.811	2.776	5.2	21.4
12 7	3 11.08	+12 58.9	1.871	2.788	9.1	21.7
12 17	3 4.46	+12 47.1	1.958	2.799	12.5	21.9

220072 2002 RY_{166} 11 16.9 66.°00 1.°6/16.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	4 0.42	+17 46.3	1.378	2.186	19.5	21.0
10 18	3 56.69	+17 18.6	1.315	2.201	15.4	20.8
10 28	3 49.71	+16 42.4	1.272	2.216	10.7	20.5
11 7	3 40.32	+16 0.4	1.252	2.231	5.4	20.3
11 17	3 29.78	+15 17.0	1.258	2.246	1.6	20.1
11 27	3 19.63	+14 37.8	1.291	2.261	6.1	20.4
12 7	3 11.24	+14 8.5	1.349	2.276	10.9	20.7
12 17	3 5.55	+13 52.6	1.431	2.291	15.1	21.0

488123 2015 VU_{107} 11 16.9 30.°38 0.°5/16.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 8	3 54.82	+22 5.0	1.777	2.571	16.3	20.4
10 18	3 51.66	+21 12.5	1.700	2.577	13.0	20.2
10 28	3 45.93	+20 7.3	1.644	2.583	9.0	19.9
11 7	3 38.32	+18 51.9	1.612	2.590	4.6	19.7
11 17	3 29.78	+17 31.3	1.609	2.597	0.6	19.4
11 27	3 21.48	+16 11.9	1.634	2.605	4.9	19.8
12 7	3 14.49	+15 0.5	1.686	2.613	9.1	20.0
12 17	3 9.59	+14 2.5	1.764	2.621	12.9	20.3

126947 2002 FP_3 11 16.9 283.°93 1.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 8	3 55.85	+16 0.7	2.138	2.927	14.1	20.0
10 18	3 52.12	+15 42.8	2.045	2.920	11.2	19.8
10 28	3 46.15	+15 20.2	1.975	2.914	7.8	19.6
11 7	3 38.45	+14 54.6	1.930	2.907	4.0	19.3
11 17	3 29.79	+14 28.5	1.914	2.900	1.5	19.1
11 27	3 21.16	+14 5.3	1.927	2.894	4.7	19.3
12 7	3 13.51	+13 48.3	1.968	2.887	8.5	19.6
12 17	3 7.60	+13 40.0	2.034	2.881	11.9	19.8

453740 2011 BD_{135} 11 16.9 203.°01 2.°1/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 55.53	+13 8.4	2.581	3.361	12.2	22.2
10 18	3 51.36	+12 48.1	2.489	3.359	9.6	22.0
10 28	3 45.34	+12 25.4	2.421	3.356	6.7	21.9
11 7	3 37.94	+12 2.3	2.379	3.354	3.7	21.7
11 17	3 29.80	+11 41.1	2.367	3.351	2.1	21.5
11 27	3 21.70	+11 24.5	2.386	3.347	4.5	21.7
12 7	3 14.42	+11 14.9	2.433	3.344	7.6	21.9
12 17	3 8.57	+11 13.8	2.508	3.340	10.4	22.1

197189 Raymond 11 16.9 331.°78 4.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 52.79	+10 5.0	2.071	2.873	14.0	20.2
10 18	3 49.66	+ 9 8.2	1.986	2.867	11.2	20.0
10 28	3 44.41	+ 8 8.7	1.923	2.861	8.0	19.8
11 7	3 37.54	+ 7 10.8	1.886	2.855	5.1	19.6
11 17	3 29.81	+ 6 19.5	1.877	2.850	4.4	19.5
11 27	3 22.14	+ 5 39.5	1.896	2.845	6.7	19.7
12 7	3 15.45	+ 5 14.4	1.942	2.840	9.9	19.9
12 17	3 10.43	+ 5 5.7	2.012	2.836	12.9	20.0

300391 2007 RB_{216} 11 16.9 256.°50 2.°5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 56.82	+15 25.0	1.960	2.753	15.0	21.3
10 18	3 53.14	+14 38.8	1.863	2.741	12.0	21.1
10 28	3 47.00	+13 45.5	1.788	2.728	8.4	20.8
11 7	3 38.95	+12 48.1	1.739	2.715	4.5	20.6
11 17	3 29.81	+11 51.0	1.718	2.702	2.6	20.4
11 27	3 20.67	+10 59.4	1.726	2.688	5.8	20.6
12 7	3 12.59	+10 18.4	1.761	2.674	9.8	20.8
12 17	3 6.43	+ 9 51.4	1.821	2.660	13.4	21.0

357091 2001 ST_{299} 11 16.9 62.°12 0.°4/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 57.10	+20 9.4	1.851	2.641	15.9	21.6
10 18	3 53.34	+19 47.0	1.776	2.650	12.6	21.4
10 28	3 47.06	+19 15.7	1.722	2.660	8.8	21.2
11 7	3 38.90	+18 37.4	1.693	2.670	4.5	21.0
11 17	3 29.81	+17 54.9	1.692	2.680	0.4	20.7
11 27	3 20.94	+17 12.6	1.719	2.691	4.6	21.0
12 7	3 13.34	+16 35.2	1.774	2.701	8.8	21.3
12 17	3 7.81	+16 6.7	1.855	2.711	12.4	21.5

217345 2004 RR_{195} 11 16.9 51.°49 4.°8/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 8	3 59.83	+32 3.1	2.065	2.809	15.9	19.7
10 18	3 55.68	+32 41.9	1.984	2.818	13.2	19.5
10 28	3 48.82	+33 7.7	1.924	2.828	10.2	19.3
11 7	3 39.87	+33 17.7	1.888	2.837	7.0	19.2
11 17	3 29.81	+33 10.4	1.878	2.847	4.9	19.1
11 27	3 19.86	+32 47.3	1.896	2.856	5.6	19.1
12 7	3 11.20	+32 12.7	1.943	2.866	8.3	19.3
12 17	3 4.72	+31 32.6	2.015	2.877	11.3	19.5

158311 2001 VL_8 11 17.0 346.°12 0.°2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 52.48	+20 43.6	1.179	2.072	16.3	19.3
10 28	3 47.39	+20 28.0	1.117	2.063	11.5	19.0
11 7	3 39.44	+20 1.7	1.076	2.055	6.0	18.7
11 17	3 29.81	+19 27.2	1.059	2.048	0.2	18.2
11 27	3 20.19	+18 49.8	1.068	2.042	5.9	18.7
12 7	3 12.22	+18 16.3	1.100	2.038	11.5	19.0
12 17	3 7.13	+17 52.8	1.154	2.035	16.5	19.2
12 27	3 5.59	+17 43.2	1.226	2.032	20.5	19.5

503318 2016 AC_{131} 11 17.0 195.°23 9.°5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 4.42	+43 11.5	1.207	2.020	21.2	20.8
10 28	3 56.16	+42 49.9	1.139	2.020	17.4	20.5
11 7	3 44.00	+41 47.0	1.090	2.019	13.4	20.3
11 17	3 29.81	+39 58.4	1.063	2.017	10.1	20.1
11 27	3 16.12	+37 29.3	1.061	2.015	9.8	20.1
12 7	3 5.18	+34 36.1	1.084	2.013	12.8	20.2
12 17	2 58.32	+31 39.1	1.132	2.011	16.9	20.5
12 27	2 56.00	+28 56.1	1.200	2.007	20.8	20.7

426105 2012 FC_{34} 11 17.0 221.°71 1.°0/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 58.31	+17 24.9	1.503	2.380	14.4	21.8
10 28	3 50.99	+17 12.3	1.436	2.375	10.1	21.5
11 7	3 41.13	+16 54.3	1.392	2.369	5.2	21.2
11 17	3 29.82	+16 33.1	1.375	2.363	1.0	20.9
11 27	3 18.50	+16 12.5	1.386	2.357	5.6	21.2
12 7	3 8.63	+15 56.9	1.425	2.350	10.6	21.5
12 17	3 1.30	+15 50.4	1.487	2.343	14.9	21.7
12 27	2 57.16	+15 55.6	1.569	2.336	18.5	22.0

477355 2009 UX_{79} 11 17.0 29.°07 2.°7/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	3 56.61	+25 25.4	1.267	2.144	16.5	21.1
10 28	3 50.08	+25 33.1	1.214	2.149	12.0	20.8
11 7	3 40.72	+25 25.9	1.182	2.155	6.9	20.5
11 17	3 29.82	+25 4.0	1.175	2.161	2.8	20.3
11 27	3 19.12	+24 31.1	1.194	2.168	5.7	20.5
12 7	3 10.25	+23 53.8	1.238	2.175	10.6	20.8
12 17	3 4.34	+23 19.5	1.305	2.183	15.1	21.1
12 27	3 1.98	+22 54.0	1.392	2.191	18.9	21.4

328949 2010 VL_{76} 11 17.0 264.°00 0.°1/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 58.46	+19 23.2	1.411	2.289	15.1	20.5
10 28	3 51.34	+19 27.4	1.340	2.279	10.7	20.2
11 7	3 41.44	+19 24.6	1.292	2.269	5.6	19.9
11 17	3 29.83	+19 15.7	1.269	2.258	0.1	19.4
11 27	3 18.10	+19 3.6	1.275	2.248	5.6	19.8
12 7	3 7.85	+18 52.6	1.306	2.237	10.9	20.1
12 17	3 0.31	+18 47.5	1.361	2.226	15.5	20.4
12 27	2 56.23	+18 52.1	1.436	2.215	19.4	20.6

257963 2001 BV_{55} 11 17.0 335.°46 0.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 50.64	+21 7.9	1.724	2.601	12.8	19.5
10 28	3 45.41	+20 26.6	1.652	2.592	9.0	19.3
11 7	3 38.18	+19 35.4	1.605	2.582	4.6	19.0
11 17	3 29.83	+18 37.6	1.585	2.574	0.1	18.6
11 27	3 21.51	+17 38.4	1.593	2.566	4.7	19.0
12 7	3 14.37	+16 43.7	1.628	2.558	9.2	19.2
12 17	3 9.26	+15 58.8	1.688	2.551	13.1	19.4
12 27	3 6.76	+15 27.4	1.769	2.545	16.4	19.6

94909 2001 YT_{41} 11 17.0 357.°57 4.°5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 56.77	+28 51.5	1.111	1.987	18.4	19.2
10 28	3 50.67	+29 3.0	1.053	1.985	13.7	18.9
11 7	3 41.22	+28 53.5	1.015	1.983	8.6	18.6
11 17	3 29.83	+28 21.7	1.000	1.983	4.7	18.4
11 27	3 18.54	+27 31.5	1.010	1.982	6.8	18.5
12 7	3 9.30	+26 31.8	1.043	1.983	11.8	18.8
12 17	3 3.46	+25 33.3	1.098	1.984	16.7	19.1
12 27	3 1.69	+24 44.7	1.171	1.986	20.8	19.4

221579 2006 VC_{92} 11 17.0 351.°21 2.°9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 54.85	+27 24.8	1.239	2.114	16.9	20.0
10 28	3 48.99	+27 3.0	1.177	2.111	12.4	19.7
11 7	3 40.22	+26 21.7	1.137	2.108	7.3	19.4
11 17	3 29.83	+25 22.1	1.121	2.106	3.0	19.2
11 27	3 19.58	+24 10.3	1.130	2.105	5.8	19.3
12 7	3 11.14	+22 55.7	1.165	2.104	11.0	19.6
12 17	3 5.68	+21 47.9	1.222	2.103	15.7	19.9
12 27	3 3.82	+20 54.0	1.299	2.104	19.7	20.2

77350 2001 FN_{118} 11 17.0 28.°89 9.°8/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 51.85	− 1 52.4	1.684	2.553	13.5	19.2
10 28	3 46.03	− 4 26.6	1.643	2.554	11.1	19.1
11 7	3 38.39	− 6 48.4	1.627	2.555	9.8	19.0
11 17	3 29.84	− 8 47.0	1.639	2.556	10.4	19.1
11 27	3 21.47	−10 14.1	1.677	2.557	12.4	19.2
12 7	3 14.30	−11 6.5	1.738	2.558	14.9	19.4
12 17	3 9.11	−11 25.1	1.819	2.560	17.3	19.6
12 27	3 6.37	−11 14.3	1.915	2.561	19.3	19.7

327526 2006 BP_{112} 11 17.0 264.°38 5.°0/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 51.00	+ 4 20.6	2.257	3.127	10.5	21.2
10 28	3 45.20	+ 3 39.3	2.191	3.118	7.8	21.0
11 7	3 37.93	+ 3 3.6	2.151	3.109	5.6	20.9
11 17	3 29.84	+ 2 37.5	2.139	3.101	5.1	20.8
11 27	3 21.78	+ 2 24.4	2.156	3.092	7.0	20.9
12 7	3 14.57	+ 2 26.3	2.200	3.083	9.6	21.1
12 17	3 8.87	+ 2 43.4	2.269	3.074	12.3	21.3
12 27	3 5.17	+ 3 14.9	2.359	3.065	14.6	21.4

158690 2003 FU_{63} 11 17.0 274.°48 1.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 55.33	+16 58.1	1.602	2.480	13.5	21.3
10 28	3 48.88	+16 34.2	1.526	2.466	9.5	21.0
11 7	3 40.07	+16 4.9	1.474	2.451	4.9	20.7
11 17	3 29.84	+15 33.0	1.449	2.436	1.4	20.4
11 27	3 19.53	+15 2.8	1.452	2.421	5.6	20.7
12 7	3 10.44	+14 39.2	1.482	2.406	10.3	20.9
12 17	3 3.65	+14 26.0	1.536	2.391	14.6	21.1
12 27	2 59.81	+14 26.0	1.610	2.376	18.1	21.4

290403 2005 TG_{36} 11 17.0 140.°72 0.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	3 53.49	+19 45.0	2.048	2.916	11.5	21.1
10 28	3 47.09	+19 33.2	1.983	2.918	8.0	20.9
11 7	3 38.94	+19 15.5	1.944	2.920	4.1	20.6
11 17	3 29.85	+18 53.5	1.933	2.921	0.0	20.3
11 27	3 20.84	+18 30.0	1.951	2.923	4.1	20.7
12 7	3 12.90	+18 8.5	1.999	2.925	8.0	20.9
12 17	3 6.79	+17 52.5	2.072	2.926	11.4	21.1
12 27	3 3.02	+17 44.5	2.168	2.927	14.2	21.3