Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92001 1999 VA_{145}	14.5	X	57.28309	6.77829	18.53346	8.42593	0.0782974	0.18690350	3.0296404	21	—	—
92002 1999 VX_{147}	14.9	X	357.20968	106.30140	334.69721	3.23069	0.0188087	0.18822517	3.0154416	21	—	—
92003 1999 VG_{149}	14.6	X	14.02251	154.28290	222.41424	10.31850	0.0642264	0.17931896	3.1144778	21	11 23.9	18.7
92004 1999 VG_{151}	14.9	X	67.42503	335.48472	328.16460	1.41151	0.0974608	0.17773686	3.1329325	21	11 6.4	19.3
92005 1999 VH_{155}	14.1	X	118.36799	18.52423	190.97675	20.46158	0.1377386	0.17808172	3.1288865	21	9 11.9	19.2
92006 1999 VR_{155}	15.2	X	247.56713	78.95135	47.00278	1.15269	0.1485753	0.17570414	3.1570495	21	10 7.3	19.8
92007 1999 VS_{155}	15.3	X	210.11871	55.60844	39.40499	0.85880	0.0665252	0.16656383	3.2715151	21	7 28.4	20.1
92008 1999 VP_{156}	15.4	X	354.74253	64.04455	346.28954	0.83602	0.1033349	0.18091024	3.0961877	21	12 11.3	19.3
92009 1999 VM_{157}	15.2	X	218.02608	75.84731	10.29422	9.21720	0.1748572	0.21506524	2.7590267	21	7 21.2	19.8
92010 1999 VB_{159}	15.0	X	60.79647	58.81629	29.77543	12.46729	0.0230953	0.19569447	2.9382157	21	1 21.4	19.2
92011 1999 VJ_{159}	14.1	X	40.94092	328.63177	28.99167	13.60436	0.1023345	0.18288058	3.0739089	21	12 9.1	18.5
92012 1999 VT_{159}	14.4	X	263.20578	248.38784	226.28803	10.67417	0.2316366	0.17778469	3.1323706	21	9 27.1	19.0
92013 1999 VV_{159}	14.5	X	181.71977	197.61021	24.50924	16.77757	0.0405311	0.18410188	3.0602992	21	11 27.5	19.2
92014 1999 VZ_{159}	14.7	X	80.69390	348.74223	25.46944	11.83749	0.1376060	0.19043813	2.9920357	21	—	—
92015 1999 VK_{160}	14.2	X	76.28013	154.37196	222.20876	9.38750	0.0485192	0.18947096	3.0022092	21	—	—
92016 1999 VR_{160}	14.4	X	182.45868	31.12290	236.75267	8.23249	0.0868866	0.18979064	2.9988369	21	—	—
92017 1999 VV_{160}	14.8	X	289.62463	208.84416	244.95920	5.18670	0.1015234	0.17886428	3.1197537	21	10 26.8	18.9
92018 1999 VW_{162}	13.9	X	192.54018	156.15301	34.97541	13.25346	0.0893564	0.17945289	3.1129280	21	11 1.9	18.8
92019 1999 VH_{163}	14.8	X	78.42826	125.03462	297.31718	0.95447	0.0754567	0.19441944	2.9510478	21	1 14.2	18.7
92020 1999 VE_{164}	14.7	X	341.91424	154.11486	302.33781	1.74334	0.0965067	0.18531079	3.0469751	21	—	—
92021 1999 VJ_{164}	14.8	X	124.96734	101.89499	238.47862	10.22424	0.1354070	0.19072580	2.9890264	21	—	—
92022 1999 VU_{165}	15.1	X	346.64972	22.67850	39.37373	10.06134	0.0574980	0.18158677	3.0884927	21	12 10.5	19.3
92023 1999 VM_{167}	14.8	X	8.84013	8.18777	42.48399	7.46713	0.1384307	0.18255661	3.0775445	21	—	—
92024 1999 VK_{169}	14.7	X	261.30116	192.48899	269.96613	4.16139	0.1148200	0.17376063	3.1805468	21	9 26.5	19.2
92025 1999 VY_{171}	13.7	X	37.52502	250.16847	67.95143	18.38955	0.2346537	0.17581220	3.1557557	21	11 10.2	17.9
92026 1999 VW_{176}	13.9	X	345.51112	336.84564	355.37476	16.88860	0.1119359	0.17192429	3.2031545	21	8 21.8	17.9
92027 1999 VH_{177}	14.5	X	39.44927	245.68017	80.60950	18.02895	0.1145739	0.17747816	3.1359763	21	11 7.9	18.9
92028 1999 VM_{177}	14.6	X	357.27658	134.58331	204.81555	13.96713	0.2943259	0.17563184	3.1579158	21	9 21.7	17.5
92029 1999 VV_{177}	14.3	X	300.27591	335.86806	92.50105	6.35626	0.1229328	0.17733807	3.1376275	21	10 11.5	18.4
92030 1999 VX_{177}	14.9	X	11.19377	254.48315	185.52409	10.76657	0.1247210	0.18821026	3.0156009	21	—	—
92031 1999 VB_{178}	15.0	X	84.27400	273.80377	47.08426	12.34425	0.2206240	0.18659262	3.0330046	21	12 29.5	20.0
92032 1999 VE_{178}	14.3	X	66.15514	293.59676	64.05830	10.33704	0.0172655	0.18658805	3.0330542	21	12 30.9	18.7
92033 1999 VG_{179}	14.6	X	355.89100	310.66657	124.92049	12.99093	0.1184644	0.18461694	3.0546048	21	—	—
92034 1999 VP_{179}	14.5	X	324.62112	187.22050	190.38929	16.16269	0.0927707	0.17362186	3.1822413	21	9 10.2	18.7
92035 1999 VD_{180}	16.1	X	72.64454	200.01103	194.05210	10.86230	0.2345051	0.19074261	2.9888508	21	—	—
92036 1999 VZ_{180}	16.1	X	52.98995	227.24264	197.62226	21.83243	0.0828693	0.37160324	1.9160921	21	—	—
92037 1999 VV_{185}	15.4	X	49.13625	202.04556	151.35728	2.03392	0.2082878	0.18288655	3.0738419	21	12 30.8	19.8
92038 1999 VK_{186}	14.7	X	328.18639	233.85470	206.30313	8.94682	0.1632514	0.18182516	3.0857926	21	12 7.8	18.2
92039 1999 VJ_{187}	14.5	X	244.65424	290.15126	217.10530	15.34363	0.0537890	0.17955455	3.1117530	21	11 12.1	18.8
92040 1999 VQ_{192}	14.1	X	272.72559	178.42338	243.25897	11.09000	0.0586951	0.17425126	3.1745738	21	8 25.8	18.7
92041 1999 VV_{194}	14.8	X	166.20769	237.52315	90.92286	3.23733	0.0844281	0.19579408	2.9372191	21	1 6.8	19.0
92042 1999 VB_{195}	14.6	X	54.53864	281.55485	61.64448	10.65368	0.0995682	0.18332449	3.0689447	21	12 9.7	19.0
92043 1999 VJ_{196}	14.4	X	32.78054	278.53995	34.93743	21.13028	0.1451917	0.17918600	3.1160183	21	10 15.9	18.4
92044 1999 VL_{196}	15.2	X	138.59237	215.46823	123.09742	3.25699	0.1069642	0.19416279	2.9536478	21	—	—
92045 1999 VO_{199}	14.5	X	336.97194	252.26354	181.28658	17.58306	0.1859695	0.18050677	3.1007997	21	12 15.8	18.2
92046 1999 VG_{200}	14.1	X	264.91710	300.34464	174.85945	16.88322	0.1982067	0.17643593	3.1483139	21	10 9.2	18.6
92047 1999 VR_{200}	14.4	X	66.09754	94.87018	333.22185	9.46321	0.0416032	0.19242643	2.9713894	21	1 3.1	18.5
92048 1999 VW_{202}	14.5	X	311.16434	4.15052	348.41024	14.75322	0.1598235	0.22251656	2.6970841	21	7 17.0	17.9
92049 1999 VN_{203}	13.9	X	312.14667	164.69775	309.70018	10.34840	0.1232767	0.18376684	3.0640178	21	12 26.7	17.6
92050 1999 VQ_{205}	14.6	X	212.95871	23.42575	233.02503	9.49097	0.0487371	0.19217940	2.9739351	21	—	—
92051 1999 VM_{206}	14.5	X	201.39824	201.88750	34.33372	6.75005	0.1407524	0.18583425	3.0412506	21	12 31.1	19.4
92052 1999 VU_{206}	14.6	X	193.44492	17.78449	39.00639	9.43294	0.1464650	0.21215748	2.7841790	21	5 19.6	19.1
92053 1999 VJ_{210}	15.0	X	330.58063	340.62300	115.67798	8.43814	0.1859474	0.18255606	3.0775506	21	—	—
92054 1999 VL_{210}	14.3	X	72.19185	278.32674	102.93140	11.88180	0.0685167	0.18711687	3.0273369	21	—	—
92055 1999 VJ_{213}	14.3	X	297.08211	272.85988	196.30752	10.64521	0.1731165	0.17993542	3.1073602	21	11 20.1	18.1
92056 1999 VM_{213}	13.7	X	257.04870	71.83560	83.28734	10.81422	0.2150952	0.18100580	3.0950979	21	11 16.1	18.1
92057 1999 VS_{215}	14.8	X	256.49133	228.16990	288.66980	7.80651	0.0342498	0.18322679	3.0700355	21	12 10.6	19.2
92058 1999 VW_{216}	14.8	X	9.31161	27.04487	41.58923	10.08417	0.0405982	0.18732345	3.0251108	21	—	—
92059 1999 VW_{223}	14.4	X	291.48944	249.68397	158.39175	10.98963	0.1119430	0.17131481	3.2107472	21	8 31.0	18.7
92060 1999 WY_{6}	14.3	X	5.80452	126.42366	236.80923	12.09433	0.1204966	0.17632463	3.1496386	21	10 28.9	18.2
92061 1999 WA_{8}	13.9	X	247.48582	200.41243	296.39148	8.83562	0.1411503	0.17799294	3.1299269	21	10 16.9	18.6
92062 1999 WJ_{10}	15.2	X	87.88169	182.63813	207.31957	10.17774	0.0869008	0.19368609	2.9584922	21	—	—
92063 1999 WY_{10}	13.9	X	114.08265	172.37478	73.06960	13.47364	0.0427721	0.17365247	3.1818674	21	10 19.9	18.7
92064 1999 WA_{13}	14.3	X	118.72527	124.06979	334.56881	12.95089	0.1120937	0.20207709	2.8760162	21	4 19.0	18.7
92065 1999 WC_{13}	14.4	X	125.87541	239.33991	24.87526	13.19846	0.0522304	0.18403129	3.0610819	21	11 17.8	19.0
92066 1999 WA_{14}	13.7	X	304.20843	90.68818	54.41577	11.53993	0.0765261	0.18678051	3.0309703	21	—	—
92067 1999 WP_{14}	14.7	X	223.97164	292.19400	235.37219	13.57628	0.0797421	0.17882290	3.1202350	21	11 8.2	19.3
92068 1999 WT_{14}	14.6	X	267.39260	249.40445	235.42283	13.40295	0.2153281	0.17780878	3.1320877	21	10 17.5	19.1
92069 1999 WV_{15}	14.9	X	104.06356	195.49849	69.58329	2.70990	0.1427241	0.17915335	3.1163969	21	11 6.1	19.7
92070 1999 WC_{18}	14.7	X	94.03291	19.06726	227.82329	13.68780	0.0360934	0.17380808	3.1799680	21	9 16.9	19.5
92071 1999 WJ_{18}	14.4	X	339.91676	356.04807	76.78026	16.70963	0.1643339	0.18052378	3.1006049	21	12 18.4	17.9
92072 1999 WO_{20}	14.4	X	211.11183	17.23404	113.38032	6.17577	0.1199499	0.17040527	3.2221620	21	9 9.4	19.4
92073 1999 XA_{3}	15.3	X	66.00241	216.77646	151.21015	3.64251	0.2697644	0.18649009	3.0341162	21	—	—
92074 1999 XR_{3}	13.8	X	156.80786	241.08466	79.71287	10.56412	0.0681406	0.19087993	2.9874172	21	—	—
92075 1999 XS_{4}	14.8	X	283.89625	201.92931	211.94409	4.95190	0.1171772	0.17124426	3.2116290	21	8 25.3	19.1
92076 1999 XZ_{6}	14.7	X	41.91376	110.94763	328.33275	2.85459	0.0939541	0.18958781	3.0009755	21	—	—
92077 1999 XB_{7}	14.7	X	302.56389	37.82746	32.41324	5.24625	0.0995467	0.17578089	3.1561304	21	10 16.9	18.7
92078 1999 XF_{10}	14.4	X	15.17508	137.84087	283.82765	9.18576	0.1228331	0.18590975	3.0404272	21	—	—
92079 1999 XN_{10}	14.1	X	264.62170	149.96584	295.28902	8.31749	0.0459461	0.17436104	3.1732412	21	9 17.1	18.7
92080 1999 XX_{13}	14.3	X	277.35082	269.37394	212.10182	16.19721	0.1453258	0.17824366	3.1269911	21	11 8.9	18.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92081 1999 XV_{17}	13.8	X	127.96316	58.96548	20.58773	15.16138	0.1292298	0.20537579	2.8451372	21	4 13.0	18.0
92082 1999 XE_{18}	13.5	X	323.75054	52.38892	21.27437	9.84549	0.0852139	0.18352910	3.0666632	21	11 21.6	17.5
92083 1999 XD_{20}	14.6	X	356.12230	345.82522	56.18091	13.63996	0.1056778	0.18193081	3.0845978	21	12 2.3	18.3
92084 1999 XD_{21}	14.4	X	326.24460	319.06684	106.58752	8.55654	0.1363096	0.17886625	3.1197307	21	11 17.5	18.1
92085 1999 XH_{21}	14.7	X	62.92008	261.52313	108.35335	3.14044	0.0933452	0.18661204	3.0327942	21	—	—
92086 1999 XG_{23}	14.4	X	264.24736	7.60160	33.39495	9.64468	0.1742011	0.21602753	2.7508272	21	7 10.7	18.5
92087 1999 XL_{23}	14.6	X	33.08356	264.30628	90.73936	11.05331	0.0978442	0.18067586	3.0988648	21	11 28.4	18.8
92088 1999 XW_{23}	13.8	X	1.77052	171.18813	238.94196	8.95387	0.0930732	0.18338465	3.0682735	21	12 20.9	17.8
92089 1999 XJ_{24}	14.3	X	56.27967	259.45008	49.74964	22.59341	0.0942803	0.17830680	3.1262529	21	11 2.7	18.6
92090 1999 XZ_{26}	14.3	X	272.03279	320.94716	109.89883	2.66047	0.1676595	0.17134397	3.2103828	21	8 26.6	18.7
92091 1999 XL_{28}	14.1	X	305.01915	55.06555	73.99966	11.37977	0.0238140	0.18407518	3.0605952	21	—	—
92092 1999 XM_{28}	14.7	X	353.72351	332.07880	78.11749	9.86407	0.1114180	0.18061790	3.0995277	21	12 10.2	18.5
92093 1999 XD_{29}	13.4	X	196.23543	162.98092	82.79958	12.80821	0.0605370	0.18492426	3.0512195	21	—	—
92094 1999 XN_{29}	13.5	X	146.13132	103.93020	76.09397	23.58631	0.0488131	0.16904416	3.2394350	21	9 12.9	18.7
92095 1999 XP_{30}	14.4	X	276.03867	272.07317	221.87509	11.68590	0.1031772	0.17850255	3.1239669	21	11 28.1	18.6
92096 1999 XJ_{33}	14.7	X	40.90744	182.79102	260.84909	2.89712	0.3790384	0.18763198	3.0217937	21	—	—
92097 Aidai	14.3	X	192.65437	333.27443	170.57724	1.15791	0.0972486	0.16769155	3.2568313	21	9 5.7	19.2
92098 1999 XS_{40}	14.8	X	342.25408	237.57764	241.90378	11.39933	0.1126637	0.18777675	3.0202404	21	—	—
92099 1999 XJ_{41}	14.3	X	4.60891	236.62163	215.09302	9.45734	0.0909374	0.18753875	3.0227951	21	—	—
92100 1999 XR_{43}	14.9	X	321.48963	192.44905	263.58516	5.08431	0.1418062	0.18201778	3.0836152	21	12 16.6	18.4
92101 1999 XY_{46}	14.1	X	219.60529	203.98881	262.76686	3.32805	0.1458261	0.16728809	3.2620657	21	8 14.3	19.2
92102 1999 XO_{47}	14.3	X	50.26951	76.01111	248.61586	11.50522	0.0437148	0.17734034	3.1376008	21	11 2.3	18.7
92103 1999 XX_{49}	14.6	X	293.79391	164.52646	340.66144	0.93224	0.2076356	0.18247110	3.0785059	21	12 25.8	18.0
92104 1999 XA_{53}	15.1	X	309.94765	215.16290	260.90813	0.23265	0.1456183	0.18188124	3.0851582	21	12 22.4	18.4
92105 1999 XB_{54}	14.7	X	355.57492	277.74068	132.38865	2.38191	0.1587621	0.18058526	3.0999012	21	12 17.1	18.2
92106 1999 XH_{55}	13.8	X	37.82848	280.04649	70.48431	23.42070	0.0552749	0.17846382	3.1244189	21	11 23.6	18.1
92107 1999 XH_{56}	14.6	X	42.49751	296.18053	70.69018	16.01441	0.2248390	0.18227784	3.0806815	21	—	—
92108 1999 XO_{56}	14.7	X	51.81118	290.17333	84.80779	4.48802	0.2324645	0.18429354	3.0581771	21	—	—
92109 1999 XV_{57}	14.4	X	301.31704	160.52107	224.89614	5.47987	0.1426077	0.17018407	3.2249534	21	8 9.3	18.7
92110 1999 XM_{62}	15.0	X	358.08412	299.81595	75.87217	0.26261	0.1452269	0.17714728	3.1398800	21	11 4.9	18.5
92111 1999 XU_{64}	14.6	X	295.89959	27.44924	69.55541	2.28001	0.1653139	0.17752628	3.1354096	21	11 2.2	18.2
92112 1999 XY_{69}	14.6	X	233.39072	9.87078	107.58481	2.46347	0.1092061	0.17098878	3.2148273	21	9 16.6	19.3
92113 1999 XE_{73}	14.6	X	341.11101	239.79452	162.38700	2.06572	0.1145640	0.17657654	3.1466424	21	11 9.9	18.4
92114 1999 XP_{73}	14.4	X	278.38294	247.96904	216.82101	0.55332	0.1291048	0.17561644	3.1581004	21	10 21.7	18.7
92115 1999 XD_{74}	14.4	X	285.77528	359.44014	89.89869	2.63258	0.1560896	0.17431864	3.1737557	21	10 9.9	18.5
92116 1999 XU_{75}	14.1	X	317.51609	340.28739	84.57860	11.84438	0.1989321	0.17539167	3.1607979	21	10 29.2	17.7
92117 1999 XD_{78}	14.3	X	266.26602	8.25839	61.13667	1.04395	0.1607269	0.16897772	3.2402841	21	8 18.2	18.9
92118 1999 XK_{81}	14.2	X	135.37299	188.87749	257.98580	6.92439	0.0965482	0.15452126	3.4393567	21	4 29.6	19.4
92119 1999 XW_{81}	14.1	X	313.49338	136.09164	259.81951	4.89962	0.1312931	0.17129957	3.2109376	21	9 12.2	18.3
92120 1999 XV_{84}	14.5	X	293.32743	285.01714	157.56275	2.11725	0.1991476	0.17311565	3.1884418	21	10 5.2	18.3
92121 1999 XN_{87}	14.2	X	19.59438	347.97651	89.73963	18.50675	0.1712262	0.18481840	3.0523845	21	—	—
92122 1999 XT_{96}	13.4	X	246.55084	215.36713	258.41499	19.00266	0.2304987	0.17135369	3.2102614	21	9 1.4	18.9
92123 1999 XR_{97}	14.2	X	241.14188	23.33906	66.78138	1.67172	0.1061285	0.16753237	3.2588940	21	8 22.4	19.1
92124 1999 XE_{104}	14.8	X	281.76712	5.10555	57.04965	1.98319	0.1588623	0.16986778	3.2289553	21	8 29.6	19.1
92125 1999 XP_{105}	14.8	X	355.85588	58.50121	322.68506	5.54088	0.1627230	0.17713928	3.1399745	21	11 7.1	18.5
92126 1999 XX_{106}	14.1	X	338.43043	341.04066	32.64950	14.36350	0.1493473	0.17624080	3.1506374	21	10 2.6	17.8
92127 1999 XE_{107}	14.0	X	126.69020	176.18702	47.68689	12.84511	0.0430204	0.17555998	3.1587775	21	10 7.3	18.7
92128 1999 XL_{107}	14.0	X	263.60123	285.85096	233.92144	17.27342	0.2730806	0.18153900	3.0890345	21	11 19.2	18.3
92129 1999 XP_{107}	14.4	X	246.81076	215.49575	242.96901	3.75595	0.1111370	0.17247065	3.1963862	21	9 5.1	19.1
92130 1999 XQ_{107}	13.8	X	106.43414	343.98190	26.38455	10.03633	0.0837026	0.19178715	2.9779887	21	—	—
92131 1999 XT_{107}	14.2	X	326.72929	137.92470	244.21424	8.09247	0.0851095	0.17500931	3.1654001	21	9 18.3	18.4
92132 1999 XK_{109}	14.1	X	263.69201	91.65467	68.86831	10.48249	0.0404233	0.18358967	3.0659887	21	12 22.9	18.3
92133 1999 XL_{109}	14.0	X	328.76903	8.08685	74.67719	9.37841	0.2364440	0.18139303	3.0906915	21	12 10.8	17.0
92134 1999 XX_{111}	14.3	X	36.54883	266.15045	67.78787	16.89081	0.2413267	0.17825552	3.1268524	21	11 26.3	18.3
92135 1999 XR_{112}	13.9	X	94.76221	24.35832	294.19584	17.37936	0.1605098	0.18633031	3.0358504	21	—	—
92136 1999 XT_{112}	14.1	X	169.07145	0.62714	342.66662	19.39163	0.1821677	0.19775350	2.9177848	21	2 7.8	19.0
92137 1999 XA_{113}	14.4	X	314.09369	43.19196	333.83604	14.63945	0.1232284	0.17296482	3.1902951	21	8 23.7	18.5
92138 1999 XK_{113}	14.6	X	112.97495	30.82285	331.17001	12.83638	0.1353659	0.19198032	2.9759908	21	—	—
92139 1999 XF_{114}	14.5	X	341.79772	104.21978	331.47207	12.96362	0.1853889	0.18229434	3.0804956	21	12 29.7	18.0
92140 1999 XR_{114}	14.1	X	307.95876	76.30136	349.36232	10.68568	0.1429558	0.17671234	3.1450300	21	10 10.7	18.1
92141 1999 XQ_{115}	14.7	X	90.17146	123.53862	274.82396	7.96408	0.0675336	0.19314198	2.9640459	21	—	—
92142 1999 XG_{116}	14.6	X	106.85958	6.65889	12.25521	11.09861	0.1108512	0.19268118	2.9687698	21	1 5.1	18.8
92143 1999 XN_{116}	14.2	X	318.95427	86.26039	38.02697	12.56354	0.0389344	0.18618889	3.0373875	21	—	—
92144 1999 XS_{117}	14.5	X	312.98707	8.53871	8.87294	4.95257	0.1382681	0.17201261	3.2020579	21	8 21.7	18.5
92145 1999 XE_{121}	14.4	X	88.32481	204.35951	45.50343	11.04727	0.0246755	0.17187521	3.2037643	21	9 21.8	19.1
92146 1999 XF_{122}	14.9	X	57.89391	67.35733	15.39847	12.75949	0.2249815	0.19266442	2.9689419	21	1 30.3	18.2
92147 1999 XH_{122}	14.3	X	94.37084	85.76738	283.74837	10.45710	0.0869381	0.18981124	2.9986200	21	—	—
92148 1999 XU_{123}	14.6	X	72.73857	12.99730	15.11716	9.68945	0.0290811	0.18834313	3.0141824	21	—	—
92149 1999 XN_{124}	14.4	X	358.97811	108.39047	289.16852	8.17608	0.0594437	0.18017631	3.1045900	21	11 27.5	18.6
92150 1999 XQ_{124}	14.8	X	295.22277	31.93227	26.75705	10.41966	0.1134080	0.17355244	3.1830898	21	9 22.5	19.0
92151 1999 XF_{130}	13.9	X	112.75456	327.68780	41.81153	10.47791	0.1179823	0.18994051	2.9972593	21	1 1.5	18.2
92152 1999 XB_{132}	14.2	X	214.11131	128.51556	12.14229	6.41126	0.1197729	0.17070986	3.2183280	21	9 23.0	19.0
92153 1999 XM_{133}	14.4	X	359.25764	93.97942	305.10292	16.28908	0.1848261	0.17779382	3.1322634	21	12 11.2	18.2
92154 1999 XD_{136}	16.6	X	33.74606	344.73074	73.26367	23.50760	0.0921797	0.36599846	1.9356042	21	—	—
92155 1999 XU_{137}	14.3	X	20.23627	43.19490	248.64248	13.88307	0.0472263	0.16970635	3.2310027	21	8 8.4	18.9
92156 1999 XS_{139}	15.9	X	36.44659	233.55425	122.05681	0.44641	0.1783118	0.18069534	3.0986420	21	12 13.4	19.8
92157 1999 XC_{141}	14.6	X	177.09207	153.67397	220.52652	1.17780	0.0837794	0.20347477	2.8628307	21	3 12.1	18.9
92158 1999 XW_{141}	15.6	X	238.96711	155.80761	297.18472	38.30434	0.1434988	0.39462090	1.8408398	21	8 11.4	18.3
92159 1999 XB_{142}	16.4	X	7.25281	183.48043	276.61327	17.07318	0.0980032	0.36908823	1.9247866	21	—	—
92160 1999 XO_{144}	14.3	X	215.06056	246.67543	269.80835	13.56754	0.0922854	0.17411741	3.1762005	21	10 9.1	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92161 1999 XV_{144}	14.5	X	254.79760	39.30058	59.21515	10.19309	0.0538410	0.17439360	3.1728463	21	9 29.6	19.1
92162 1999 XG_{151}	13.7	X	103.76248	288.25286	75.61764	11.17840	0.1175347	0.19318517	2.9636041	21	—	—
92163 1999 XD_{153}	15.2	X	355.23471	281.96963	162.60519	7.69195	0.1308853	0.18347754	3.0672378	21	—	—
92164 1999 XK_{153}	14.3	X	355.43235	10.88144	59.52242	10.97243	0.0650946	0.18203305	3.0834427	21	—	—
92165 1999 XW_{160}	14.3	X	329.40343	153.40120	238.72226	4.48632	0.1494530	0.17180790	3.2046010	21	10 3.7	18.0
92166 1999 XK_{162}	15.7	X	200.83255	287.33129	312.59649	18.38440	0.0533583	0.36390712	1.9430129	21	—	—
92167 1999 XG_{166}	13.8	X	53.83536	59.58013	18.03193	10.43241	0.0896193	0.19189842	2.9768374	21	—	—
92168 1999 XV_{168}	14.1	X	279.87573	33.23409	34.32228	6.76854	0.1382797	0.17101920	3.2144460	21	9 8.1	18.5
92169 1999 XN_{181}	13.5	X	237.97368	167.94061	276.79531	20.77052	0.0316011	0.16891840	3.2410426	21	8 11.5	18.5
92170 1999 XU_{183}	14.1	X	351.86780	155.49601	303.12570	9.06797	0.2943437	0.18456289	3.0552011	21	—	—
92171 1999 XC_{184}	14.4	X	58.56970	94.07432	346.01593	8.26043	0.2110668	0.19089818	2.9872267	21	1 23.9	17.6
92172 1999 XJ_{185}	14.4	X	281.73837	17.64915	34.21880	16.88518	0.1042131	0.16987667	3.2288427	21	9 1.8	19.1
92173 1999 XM_{185}	14.3	X	8.09768	357.02810	50.02945	17.14522	0.0890482	0.18104747	3.0946229	21	12 24.2	18.5
92174 1999 XZ_{189}	14.2	X	61.14568	74.58004	283.85642	21.15629	0.2603085	0.18323487	3.0699452	21	—	—
92175 1999 XP_{191}	13.6	X	348.92234	297.73776	69.29342	26.16564	0.1451667	0.17278750	3.1924775	21	10 22.2	17.8
92176 1999 XG_{194}	14.0	X	301.78531	126.84833	351.58956	8.05020	0.1776240	0.17922920	3.1155176	21	12 6.5	17.7
92177 1999 XC_{196}	14.7	X	28.75109	92.02494	318.53340	8.43084	0.1509071	0.18273812	3.0755062	21	—	—
92178 1999 XQ_{196}	14.9	X	11.45939	89.24387	346.60682	8.42094	0.1089691	0.18278608	3.0749683	21	—	—
92179 1999 XC_{200}	14.1	X	344.92803	65.17704	289.42794	20.29336	0.0450340	0.16982363	3.2295149	21	9 2.8	18.9
92180 1999 XO_{200}	14.2	X	281.39152	222.07327	314.04388	8.78755	0.0515868	0.18319122	3.0704329	21	—	—
92181 1999 XU_{202}	14.4	X	246.95918	150.42813	316.40994	12.07412	0.1813938	0.16945428	3.2342060	21	9 5.0	19.3
92182 1999 XG_{203}	13.9	X	265.93654	44.63009	68.06075	16.29828	0.1568944	0.17293489	3.1906633	21	10 18.4	18.5
92183 1999 XE_{204}	14.4	X	59.98188	324.37327	42.89927	7.47188	0.2569438	0.18158037	3.0885653	21	—	—
92184 1999 XK_{204}	13.3	X	267.39751	24.07246	344.16498	10.37115	0.0976619	0.16034382	3.3555823	21	6 11.3	18.3
92185 1999 XM_{204}	14.3	X	5.41895	340.21560	49.32928	11.39666	0.2101198	0.17648771	3.1476981	21	12 10.9	18.0
92186 1999 XP_{209}	14.3	X	28.12365	29.05923	29.47112	11.40655	0.1227850	0.18397587	3.0616965	21	—	—
92187 1999 XB_{212}	14.6	X	295.28888	72.90635	346.60326	11.35552	0.0809248	0.17058052	3.2199547	21	9 22.3	19.0
92188 1999 XC_{213}	14.7	X	296.36181	227.87500	165.50869	5.85762	0.1571362	0.17063705	3.2192435	21	8 11.5	19.0
92189 1999 XM_{214}	15.0	X	315.92748	65.42089	8.94722	2.69547	0.1925180	0.17739957	3.1369025	21	11 2.9	18.3
92190 1999 XY_{215}	14.6	X	12.94628	89.85325	283.22843	7.35443	0.0931036	0.17431525	3.1737969	21	11 18.1	18.8
92191 1999 XO_{222}	14.0	X	330.17052	61.91542	327.24125	4.29283	0.1479024	0.17262290	3.1945066	21	10 1.3	17.8
92192 1999 XY_{227}	14.1	X	228.41553	206.83187	298.32056	6.38577	0.2217606	0.17484900	3.1673347	21	9 29.3	19.3
92193 1999 XG_{230}	14.1	X	335.36337	148.87194	281.28663	8.96298	0.1070746	0.18305114	3.0719991	21	12 6.8	17.9
92194 1999 XK_{230}	13.1	X	122.89110	290.47905	12.54974	10.87277	0.0901676	0.18619404	3.0373315	21	—	—
92195 1999 XP_{230}	14.6	X	265.85094	81.62240	15.22387	5.37174	0.1392646	0.17505424	3.1648585	21	9 24.8	18.9
92196 1999 XX_{233}	14.9	X	288.64210	285.53863	139.04403	6.51150	0.1244474	0.17318690	3.1875672	21	9 17.4	19.1
92197 1999 XA_{234}	14.6	X	342.48506	220.44482	213.44525	15.59207	0.0777816	0.18177346	3.0863777	21	12 20.4	18.8
92198 1999 XH_{239}	14.4	X	107.18208	306.50185	22.08697	12.54623	0.0926302	0.18558635	3.0439583	21	—	—
92199 1999 XE_{240}	14.6	X	1.49766	133.57589	317.56293	8.59273	0.1210110	0.18584775	3.0411034	21	—	—
92200 1999 XK_{241}	13.3	X	18.19416	9.05209	52.46154	20.05086	0.1590187	0.17987245	3.1080854	21	—	—
92201 1999 XU_{242}	14.1	X	323.47815	99.55267	28.12966	13.54154	0.3099903	0.18072558	3.0982964	21	—	—
92202 1999 XU_{247}	14.2	X	78.89697	227.77980	101.60038	10.93124	0.1094898	0.18153923	3.0890319	21	12 22.6	18.7
92203 1999 XT_{251}	15.3	X	43.00271	194.54112	118.98502	2.64897	0.0805161	0.17537115	3.1610446	21	10 17.9	19.5
92204 1999 XZ_{251}	15.6	X	39.11691	191.75577	155.13308	2.31069	0.0976991	0.17907489	3.1173071	21	11 25.1	19.7
92205 1999 YP	16.2	X	204.02767	167.00544	113.84074	23.77504	0.0718497	0.37230922	1.9136692	21	—	—
92206 1999 YJ_{6}	16.2	X	101.79250	116.83731	305.85270	18.59346	0.0952818	0.37740701	1.8963976	21	1 5.3	17.6
92207 1999 YU_{6}	16.0	X	155.81440	27.90140	295.15837	18.69768	0.0584080	0.37077878	1.9189315	21	—	—
92208 1999 YO_{17}	14.8	X	11.29771	282.51288	96.15033	6.37659	0.1569391	0.17924823	3.1152971	21	12 2.9	18.5
92209 Pingtang	13.5	X	342.15956	34.97777	37.55867	10.92381	0.1138773	0.18439157	3.0570931	21	12 20.6	17.4
92210 2000 AH_{2}	13.3	X	310.63545	334.60369	95.52927	18.92789	0.0931639	0.17149853	3.2084538	21	11 5.6	17.7
92211 2000 AO_{3}	14.0	X	307.90050	120.76233	325.67698	18.29164	0.1504567	0.17508423	3.1644970	21	10 30.9	18.3
92212 2000 AQ_{5}	14.3	X	304.04471	324.30557	98.63613	5.89602	0.1431064	0.17482646	3.1676069	21	10 7.3	18.2
92213 Kalina	14.7	X	347.05763	279.84882	147.02248	5.41089	0.1467687	0.18054112	3.1004065	21	12 23.1	18.3
92214 2000 AX_{6}	14.4	X	284.97641	61.67129	354.11118	4.58702	0.1410513	0.16988874	3.2286897	21	8 28.4	18.7
92215 2000 AM_{10}	14.2	X	30.77543	54.90901	274.78382	15.64110	0.2440508	0.17794345	3.1305073	21	11 9.9	18.3
92216 2000 AX_{10}	14.8	X	93.69561	359.19984	53.65891	9.84140	0.0936089	0.19285551	2.9669804	21	1 28.6	18.9
92217 2000 AD_{12}	14.7	X	61.94590	356.73474	62.67246	10.31462	0.1396393	0.18901491	3.0070363	21	—	—
92218 2000 AT_{20}	14.5	X	319.31963	67.10823	20.64075	0.96002	0.1512748	0.17850935	3.1238877	21	11 30.6	18.2
92219 2000 AA_{26}	14.9	X	333.06340	356.06906	45.10075	0.64620	0.1896535	0.17362463	3.1822075	21	10 23.1	18.0
92220 2000 AH_{43}	16.4	X	57.09744	47.59879	285.87588	17.28215	0.0673857	0.35687450	1.9684560	21	—	—
92221 2000 AJ_{44}	15.0	X	0.84026	1.13310	32.10866	1.39259	0.1963075	0.17572447	3.1568060	21	12 6.7	18.5
92222 2000 AP_{48}	16.8	X	49.03296	13.96963	297.50357	17.41086	0.0576025	0.35382357	1.9797554	21	11 12.1	19.3
92223 2000 AN_{82}	14.8	X	301.20007	253.39565	196.71804	0.68647	0.1315927	0.17523259	3.1627106	21	11 5.0	18.6
92224 2000 AR_{87}	14.5	X	265.33883	313.52449	150.99126	4.08454	0.1339541	0.17096916	3.2150732	21	10 4.4	18.9
92225 2000 AX_{87}	14.1	X	17.07689	101.20668	293.70175	14.44345	0.2417473	0.17806272	3.1291092	21	—	—
92226 2000 AZ_{92}	16.3	X	138.03774	68.33881	307.39169	18.92585	0.1223540	0.37358357	1.9093148	21	—	—
92227 2000 AU_{95}	16.0	X	268.71527	185.32677	310.10329	17.27944	0.0762070	0.35620159	1.9709343	21	—	—
92228 2000 AT_{98}	14.5	X	324.35675	275.28664	184.24214	9.76969	0.2346850	0.18353360	3.0666131	21	12 24.7	17.6
92229 2000 AM_{99}	14.8	X	165.84460	237.48719	133.93525	3.80501	0.1826737	0.20037927	2.8922391	21	3 5.3	19.6
92230 2000 AD_{100}	13.8	X	246.46406	86.31583	80.20628	14.74860	0.1369562	0.18188323	3.0851357	21	11 27.4	18.2
92231 2000 AT_{101}	14.6	X	56.68417	217.85325	184.64634	7.03468	0.1798567	0.18905241	3.0066386	21	—	—
92232 2000 AS_{102}	14.2	X	113.12452	258.21707	97.15932	14.06571	0.1608946	0.19014587	2.9951009	21	—	—
92233 2000 AU_{102}	12.9	X	166.93806	133.75991	91.41386	10.47878	0.1342969	0.17849233	3.1240863	21	11 18.3	18.0
92234 2000 AV_{103}	13.6	X	38.47394	148.15055	236.04986	14.94519	0.1771949	0.18295751	3.0730471	21	—	—
92235 2000 AK_{104}	14.6	X	325.10685	280.40040	166.59469	5.89577	0.1427693	0.17997397	3.1069166	21	12 11.2	18.3
92236 2000 AM_{112}	14.5	X	346.85508	134.00200	248.19828	3.65142	0.1585253	0.17244545	3.1966977	21	10 23.0	18.0
92237 2000 AO_{120}	14.4	X	280.57234	252.15222	202.70352	4.63162	0.1214799	0.17132212	3.2106558	21	10 12.7	18.8
92238 2000 AM_{131}	14.5	X	85.79770	67.39197	319.03396	8.82818	0.0949957	0.18936853	3.0032917	21	—	—
92239 2000 AA_{139}	13.8	X	7.39204	337.96113	78.55988	12.53534	0.0947366	0.18509537	3.0493388	21	—	—
92240 2000 AM_{146}	16.6	X	51.28244	225.63367	120.37259	24.26396	0.0532924	0.35865355	1.9619411	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92241 2000 AK_{148}	14.9	X	229.96226	86.45465	286.03830	7.84213	0.1846124	0.20905962	2.8116156	21	4 25.4	19.7
92242 2000 AO_{148}	14.0	X	175.81529	150.89163	241.44688	14.37596	0.1429854	0.20496669	2.8489218	21	3 31.4	18.8
92243 2000 AP_{148}	13.4	X	195.05223	267.04479	237.79942	15.39258	0.1900193	0.17253522	3.1955887	21	8 29.9	19.0
92244 2000 AR_{148}	14.1	X	358.91612	269.03644	93.74754	18.00630	0.1379115	0.17634079	3.1494462	21	10 28.9	18.2
92245 2000 AY_{149}	13.4	X	39.60343	231.75882	133.06760	16.73319	0.2407444	0.17840224	3.1251379	21	—	—
92246 2000 AQ_{153}	13.9	X	9.20906	88.39257	308.09994	8.65564	0.1473623	0.18025342	3.1037046	21	12 20.8	17.8
92247 2000 AY_{153}	14.0	X	322.21722	355.30336	65.75237	12.51140	0.0637896	0.17565408	3.1576493	21	11 7.6	18.1
92248 2000 AM_{154}	13.8	X	76.83473	327.44637	330.55070	10.65885	0.0669908	0.17149614	3.2084835	21	11 1.6	18.7
92249 2000 AN_{170}	13.8	X	318.72385	317.24060	103.66133	23.37075	0.0628305	0.17619595	3.1511720	21	11 10.6	18.4
92250 2000 AJ_{186}	14.1	X	85.27078	202.80200	158.12688	10.78271	0.0786625	0.18782436	3.0197300	21	—	—
92251 2000 AF_{187}	14.0	X	286.38509	316.75763	126.98092	13.92227	0.0983919	0.17583383	3.1554970	21	10 16.7	18.4
92252 2000 AQ_{187}	14.0	X	250.74443	20.90609	109.73888	20.18682	0.0218304	0.17738193	3.1371103	21	11 11.1	18.8
92253 2000 AH_{189}	15.2	X	315.77686	240.08110	187.60769	11.28663	0.3017684	0.17511039	3.1641819	21	10 12.2	18.3
92254 2000 AG_{199}	14.2	X	40.11918	346.35116	92.84905	13.84458	0.1828619	0.19152273	2.9807291	21	—	—
92255 2000 AU_{199}	13.7	X	255.78722	38.49070	85.11093	22.87257	0.1053118	0.22383548	2.6864789	21	11 5.5	17.7
92256 2000 AX_{200}	14.7	X	49.02125	152.60741	218.91445	9.01703	0.1815799	0.18228270	3.0806267	21	—	—
92257 2000 AS_{233}	14.2	X	31.37076	304.87996	71.47688	18.74691	0.2632529	0.18375465	3.0641533	21	—	—
92258 2000 AF_{245}	14.1	X	320.45588	294.06006	153.55853	19.70458	0.0860147	0.17994855	3.1072091	21	12 8.9	18.5
92259 2000 AG_{245}	14.4	X	267.96181	240.21091	185.96748	18.43938	0.1312599	0.16949080	3.2337415	21	8 16.6	19.2
92260 2000 BX_{4}	15.0	X	305.68775	48.92732	19.44210	13.31888	0.2320504	0.17314558	3.1880743	21	10 3.4	18.5
92261 2000 BY_{5}	13.6	X	299.38513	26.72156	55.14489	14.41941	0.1048506	0.17259711	3.1948247	21	10 28.7	17.8
92262 2000 BZ_{14}	13.6	X	169.49316	27.10375	34.94765	10.57309	0.0673163	0.15025253	3.5041943	21	5 4.6	18.9
92263 2000 BC_{17}	14.6	X	346.97304	97.61570	313.34688	8.83582	0.0922934	0.17548974	3.1596203	21	11 27.0	18.7
92264 2000 BW_{18}	16.5	X	98.32883	41.63851	335.48440	18.72508	0.0900987	0.36714290	1.9315797	21	—	—
92265 2000 BO_{22}	13.9	X	11.59678	321.61872	274.21243	10.51830	0.0583258	0.15420135	3.4441120	21	5 21.5	18.6
92266 2000 BX_{24}	16.6	X	14.25676	77.29829	357.81559	19.04780	0.1025680	0.36296423	1.9463764	21	—	—
92267 2000 BK_{26}	14.8	X	26.35450	311.00744	129.89080	5.75118	0.2560039	0.18407574	3.0605890	21	—	—
92268 2000 BJ_{49}	17.0	X	198.21580	181.44773	305.51708	17.24125	0.0340815	0.34717400	2.0049548	21	8 30.6	19.5
92269 2000 CM_{2}	13.7	X	345.52401	89.11562	350.39308	23.62864	0.2611108	0.17692433	3.1425173	21	—	—
92270 2000 CU_{29}	14.7	X	45.73496	74.30247	321.45859	12.89971	0.3184876	0.18028060	3.1033926	21	—	—
92271 2000 CS_{39}	16.1	X	67.87789	264.80796	93.25343	25.31340	0.1376464	0.36140127	1.9519841	21	—	—
92272 2000 CB_{54}	13.1	X	272.01974	200.73848	288.12260	7.18537	0.1156076	0.12504079	3.9606663	21	11 3.5	18.6
92273 2000 CQ_{81}	14.0	X	40.60953	72.05472	325.03906	12.48473	0.2254406	0.17887032	3.1196834	21	—	—
92274 2000 CO_{86}	16.1	X	156.90273	145.26632	117.15389	5.41921	0.2128446	0.30771664	2.1728783	21	—	—
92275 2000 CS_{89}	15.8	X	163.65156	140.77773	101.16708	4.56806	0.1465615	0.30583756	2.1817693	21	12 20.9	19.0
92276 2000 CC_{100}	17.3	X	153.58095	134.15676	131.74885	5.39339	0.1731270	0.31006348	2.1619002	21	—	—
92277 2000 CT_{108}	14.1	X	33.63954	146.34719	267.39169	16.42005	0.1828849	0.17995746	3.1071066	21	—	—
92278 2000 CB_{110}	17.4	X	88.46102	326.12676	319.26438	7.10112	0.2435539	0.30345266	2.1931858	21	12 8.9	21.0
92279 Bindiluca	13.8	X	356.39708	72.38143	326.32355	17.08755	0.1654159	0.17142948	3.2093153	21	11 28.7	17.9
92280 2000 DT_{5}	15.7	X	86.20484	273.93313	64.10401	29.73470	0.1474418	0.35784599	1.9648917	21	—	—
92281 2000 DS_{8}	14.1	X	297.00158	311.48811	159.64637	3.27469	0.1685876	0.12469453	3.9679950	21	11 11.4	19.3
92282 2000 DP_{32}	14.1	X	354.38590	66.07856	330.34552	12.36616	0.2906298	0.17237780	3.1975340	21	12 5.9	17.4
92283 2000 DC_{45}	13.5	X	211.82778	347.02574	212.66133	2.45742	0.0818418	0.12366847	3.9899127	21	11 25.1	19.3
92284 2000 DV_{76}	14.0	X	232.99452	232.03150	320.79852	3.16135	0.1183230	0.12376707	3.9877934	21	12 4.3	19.8
92285 2000 EW	15.4	X	123.16401	219.96370	7.99372	7.65987	0.0963133	0.29779831	2.2208602	21	10 19.4	18.5
92286 2000 EP_{7}	17.2	X	149.69016	87.37221	168.19505	2.07653	0.1185187	0.30631659	2.1794941	21	12 25.7	20.2
92287 2000 EX_{14}	13.4	X	270.40549	131.54324	350.68325	8.07833	0.1018766	0.12573333	3.9461091	21	10 26.5	18.9
92288 2000 ER_{43}	16.8	X	195.71007	75.55966	169.64944	3.98972	0.1270337	0.30903240	2.1667063	21	—	—
92289 2000 EH_{49}	16.3	X	351.82367	267.55501	10.61774	6.20551	0.1855847	0.28541753	2.2846287	21	6 2.2	18.0
92290 2000 EZ_{62}	17.3	X	333.93923	119.24444	47.09408	1.65459	0.0348830	0.31901662	2.1212597	21	—	—
92291 2000 EZ_{85}	15.6	X	49.45478	216.23972	23.51810	7.32402	0.1085755	0.29016981	2.2596156	21	8 3.7	18.1
92292 2000 EL_{88}	15.3	X	66.87510	78.40773	286.43497	17.47655	0.1031436	0.35951158	1.9588182	21	—	—
92293 2000 EX_{105}	16.1	X	143.15172	198.77586	55.80049	7.31823	0.2134604	0.30245640	2.1979992	21	12 14.5	19.6
92294 2000 EV_{112}	16.1	X	161.25649	213.85796	20.67137	2.94974	0.1347113	0.30291220	2.1957937	21	12 8.7	19.3
92295 2000 EG_{113}	16.2	X	163.91875	117.33163	140.95098	6.43855	0.1443213	0.30624643	2.1798270	21	—	—
92296 2000 EJ_{139}	16.7	X	166.93688	318.57475	338.67293	3.27081	0.2016583	0.31197914	2.1530412	21	—	—
92297 Monrad	13.7	X	324.93185	66.62486	357.73664	18.65160	0.1892008	0.17275830	3.1928372	21	10 29.6	17.5
92298 2000 EE_{165}	16.6	X	112.74354	286.96907	356.91694	5.40275	0.1009272	0.30489835	2.1862475	21	12 23.6	19.6
92299 2000 EB_{170}	14.0	X	30.49092	48.71555	24.22695	11.66909	0.3502750	0.18300350	3.0725323	21	—	—
92300 Hagelin	16.5	X	189.34847	345.05830	268.67504	4.11770	0.1498685	0.30971745	2.1635101	21	—	—
92301 2000 FG	16.3	X	98.75201	11.53535	257.28827	3.52990	0.1395843	0.30046653	2.2076928	21	11 20.3	19.5
92302 2000 FA_{11}	15.9	X	20.12060	50.99844	29.98148	21.18043	0.0805793	0.36332876	1.9450743	21	—	—
92303 2000 FP_{15}	16.1	X	221.41280	227.80687	8.68416	4.36844	0.0889289	0.31342895	2.1463966	21	—	—
92304 2000 FJ_{16}	16.3	X	97.08135	130.11511	124.92764	5.07464	0.1230713	0.29847969	2.2174790	21	11 1.3	19.4
92305 2000 FB_{25}	16.5	X	197.80586	254.63428	57.10001	2.39733	0.1559183	0.31721402	2.1292883	21	1 1.8	19.5
92306 2000 FL_{28}	16.2	X	138.17119	332.47052	306.36376	2.98652	0.1707328	0.30440160	2.1886254	21	—	—
92307 2000 FR_{40}	16.4	X	201.10176	180.86647	104.44084	6.03020	0.1500960	0.31336370	2.1466946	21	—	—
92308 2000 FM_{41}	15.8	X	113.56320	195.13615	90.83288	4.59793	0.2025281	0.30132758	2.2034851	21	12 28.9	19.3
92309 2000 FV_{43}	16.3	X	164.76658	105.94944	116.70208	4.32424	0.1181519	0.30295216	2.1956006	21	11 29.1	19.4
92310 2000 FX_{43}	16.3	X	111.25866	206.14723	42.21518	7.39229	0.0969491	0.29899068	2.2149518	21	11 4.0	19.1
92311 2000 FQ_{45}	16.3	X	180.11513	106.04258	127.23539	4.96112	0.1484621	0.30552995	2.1832335	21	12 26.3	19.3
92312 2000 FJ_{46}	16.1	X	88.00357	121.44492	136.06540	7.10969	0.1407377	0.29612678	2.2292097	21	10 27.8	19.2
92313 2000 FY_{46}	16.0	X	138.53481	194.33353	95.23876	8.09524	0.1970369	0.30554939	2.1831409	21	—	—
92314 2000 GV_{1}	15.3	X	45.87332	353.48536	210.53554	23.63878	0.2039355	0.28379131	2.2933482	21	6 10.9	17.8
92315 2000 GW_{4}	16.5	X	91.64757	248.66757	14.65071	6.64339	0.1634440	0.29700003	2.2248380	21	11 5.9	19.7
92316 2000 GX_{6}	17.0	X	87.60193	215.50784	70.70394	1.25861	0.2177880	0.29888706	2.2154637	21	12 7.3	20.4
92317 2000 GG_{19}	16.6	X	124.98072	44.03626	218.59816	3.26783	0.1614036	0.30133802	2.2034343	21	12 9.4	20.0
92318 2000 GW_{25}	16.9	X	179.87589	239.39357	60.99789	0.70369	0.1329702	0.31307420	2.1480177	21	—	—
92319 2000 GT_{26}	16.9	X	52.99053	144.37021	185.15727	5.91865	0.1473703	0.30077108	2.2062023	21	12 20.8	19.9
92320 2000 GU_{26}	16.4	X	159.65005	219.38920	107.22211	1.07644	0.1659583	0.31366957	2.1452988	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92321 2000 GN_{31}	17.0	X	49.16612	223.97459	47.06574	2.02891	0.1749225	0.29182228	2.2510773	21	9 29.3	19.4
92322 2000 GC_{39}	16.8	X	75.49067	213.15939	62.69635	1.23899	0.2138431	0.29527737	2.2334828	21	11 12.1	19.7
92323 2000 GK_{46}	16.1	X	119.50572	292.09382	31.83909	4.53294	0.0950557	0.30835839	2.1698624	21	—	—
92324 2000 GE_{49}	16.7	X	120.92775	45.41950	205.69269	5.76761	0.1339457	0.29900236	2.2148941	21	11 20.4	20.0
92325 2000 GY_{50}	16.3	X	70.05687	206.71244	48.42804	2.76370	0.1161648	0.29303876	2.2448432	21	9 26.8	18.9
92326 2000 GS_{53}	13.1	X	81.77541	182.53394	192.31434	5.51806	0.2503986	0.12516185	3.9581118	21	1 1.6	18.3
92327 2000 GS_{55}	15.9	X	128.49492	63.93542	185.89551	4.99348	0.1059511	0.29994012	2.2102752	21	11 26.2	19.0
92328 2000 GW_{60}	16.6	X	72.36696	337.72762	25.54963	3.30912	0.1671244	0.30806244	2.1712519	21	—	—
92329 2000 GZ_{64}	15.9	X	46.00240	269.77841	32.74612	5.86325	0.1631964	0.29435839	2.2381290	21	11 5.8	18.4
92330 2000 GY_{66}	16.3	X	116.42313	219.30106	19.66247	5.99234	0.1764153	0.29647186	2.2274796	21	10 31.3	19.8
92331 2000 GV_{68}	15.5	X	256.82176	278.62200	30.77229	23.14331	0.2399178	0.27462644	2.3440911	21	3 9.2	19.8
92332 2000 GM_{71}	16.2	X	105.89681	255.07849	39.90227	6.75111	0.1531971	0.30103636	2.2049060	21	—	—
92333 2000 GF_{72}	15.8	X	3.38166	51.03064	195.21970	7.22120	0.0664667	0.28300152	2.2976129	21	5 15.6	18.2
92334 2000 GJ_{78}	16.9	X	45.63399	235.79088	46.17459	2.52823	0.1790616	0.29146516	2.2529158	21	10 10.5	19.4
92335 2000 GS_{80}	16.9	X	135.64076	93.91602	209.25991	2.99930	0.0909518	0.30821829	2.1705199	21	—	—
92336 2000 GY_{81}	15.7	X	43.22659	215.89247	195.61129	22.44056	0.0875523	0.36005604	1.9568430	21	—	—
92337 2000 GG_{96}	15.7	X	21.65154	302.15419	325.82948	3.15896	0.2345182	0.28575563	2.2828262	21	8 12.3	17.2
92338 2000 GH_{96}	16.0	X	192.79389	225.50372	11.47314	4.44672	0.1331361	0.30566269	2.1826014	21	—	—
92339 2000 GV_{99}	15.8	X	295.56709	274.03297	4.08698	6.27724	0.1525157	0.27800555	2.3250577	21	3 4.8	18.9
92340 2000 GC_{109}	16.2	X	152.33764	60.04304	162.03599	5.72227	0.0824272	0.29990635	2.2104411	21	11 16.6	19.2
92341 2000 GO_{110}	16.3	X	120.04447	335.84821	332.02174	2.40532	0.2129705	0.30487826	2.1863436	21	—	—
92342 2000 GT_{136}	15.5	X	59.70935	155.46332	119.74953	9.79158	0.1873957	0.29162892	2.2520723	21	10 25.7	18.6
92343 2000 GT_{141}	16.9	X	257.89434	52.23124	149.98951	4.50411	0.0962372	0.31154809	2.1550267	21	—	—
92344 2000 GP_{147}	13.6	X	316.71581	321.38357	150.65939	12.50880	0.1886020	0.12493897	3.9628178	21	12 11.3	18.5
92345 2000 GF_{158}	15.9	X	133.93215	293.74236	29.28560	7.89475	0.1674249	0.31158370	2.1548625	21	—	—
92346 2000 GP_{159}	15.9	X	174.73477	236.25431	325.77478	5.82630	0.1675043	0.30152117	2.2025419	21	11 6.2	19.3
92347 2000 GV_{160}	16.7	X	55.88119	155.11455	111.44164	7.91915	0.1260434	0.29235121	2.2483614	21	9 28.0	19.4
92348 2000 GH_{168}	16.5	X	58.13164	175.63213	106.78533	3.38885	0.1377690	0.29453779	2.2372200	21	10 23.4	19.1
92349 2000 HG_{4}	16.9	X	59.26100	73.62304	212.29473	4.14631	0.1490432	0.29295804	2.2452555	21	10 29.5	19.6
92350 2000 HK_{5}	15.9	X	355.86561	309.92037	43.42150	6.54603	0.1366198	0.29306781	2.2446948	21	10 24.9	17.6
92351 2000 HA_{7}	17.0	X	281.86607	264.77229	48.22056	6.92448	0.1239851	0.27864828	2.3214810	21	4 8.8	20.0
92352 2000 HT_{11}	16.9	X	15.17157	359.28914	241.66180	2.46558	0.1959674	0.28317828	2.2966568	21	5 30.0	18.1
92353 2000 HL_{14}	13.8	X	297.26893	74.68795	34.97004	25.40850	0.2694181	0.17549435	3.1595650	21	11 2.7	17.3
92354 2000 HR_{14}	16.7	X	158.76597	45.03788	224.68146	5.38195	0.1370365	0.30366175	2.1921789	21	—	—
92355 2000 HV_{14}	16.1	X	99.03095	115.89270	182.68020	6.42142	0.1347262	0.30127806	2.2037266	21	12 28.6	19.4
92356 2000 HW_{14}	16.7	X	227.44061	58.37971	111.43964	3.90313	0.0918479	0.30402584	2.1904283	21	12 6.2	19.1
92357 2000 HY_{21}	16.1	X	166.62829	289.95601	293.20917	5.18845	0.1244133	0.30077850	2.2061660	21	11 29.5	19.3
92358 2000 HE_{23}	16.1	X	201.47813	191.41942	82.09863	3.47968	0.1260890	0.31096790	2.1577064	21	—	—
92359 2000 HC_{24}	15.9	X	87.72216	287.92764	38.94648	7.66431	0.3081220	0.30115983	2.2043033	21	—	—
92360 2000 HW_{24}	16.2	X	276.61732	285.58765	29.30332	8.33373	0.2389030	0.27720022	2.3295588	21	3 23.2	19.7
92361 2000 HS_{28}	15.3	X	228.78488	283.09503	43.73653	23.54427	0.2633351	0.27201299	2.3590815	21	3 9.1	19.9
92362 2000 HY_{29}	16.2	X	201.70516	181.64016	18.99026	8.22405	0.0923570	0.30324316	2.1941958	21	12 12.9	19.0
92363 2000 HO_{31}	16.2	X	309.27676	286.10351	22.95537	2.83852	0.2361260	0.28097098	2.3086694	21	4 19.7	18.8
92364 2000 HN_{32}	15.7	X	159.72290	292.68627	25.49273	0.93676	0.1938663	0.30924596	2.1657086	21	—	—
92365 2000 HP_{32}	16.6	X	14.77776	216.32324	58.33480	2.67227	0.1159693	0.28679504	2.2773072	21	7 23.4	18.6
92366 2000 HL_{41}	16.4	X	49.58345	106.65908	140.79608	8.23832	0.1372520	0.28786493	2.2716611	21	8 17.7	18.6
92367 2000 HF_{42}	16.5	X	54.83015	83.55998	194.59412	6.35723	0.0890894	0.29391564	2.2403760	21	10 2.6	19.1
92368 2000 HC_{47}	16.5	X	52.12797	291.97116	12.80557	2.12667	0.1895921	0.29407507	2.2395662	21	11 20.7	19.4
92369 2000 HC_{48}	16.6	X	8.72808	229.50622	49.89618	6.27060	0.1021704	0.28650005	2.2788701	21	7 18.6	18.7
92370 2000 HP_{50}	16.5	X	344.15346	55.43374	203.23278	2.57577	0.1324254	0.28054381	2.3110123	21	4 22.0	18.6
92371 2000 HQ_{50}	16.4	X	107.23871	144.67126	154.52112	0.83366	0.1226396	0.30096326	2.2052630	21	—	—
92372 2000 HP_{52}	16.0	X	87.79410	251.85161	52.16700	7.05973	0.1817853	0.29800311	2.2198426	21	12 27.2	19.4
92373 2000 HR_{52}	15.6	X	168.24056	15.45749	218.40180	3.96544	0.0813433	0.30174937	2.2014313	21	12 19.2	18.5
92374 2000 HX_{53}	16.6	X	282.21658	81.76195	206.40459	4.63557	0.2077876	0.27450189	2.3448001	21	2 22.0	20.2
92375 2000 HP_{55}	15.8	X	233.37008	270.52925	340.00324	2.36001	0.0782828	0.31294821	2.1485942	21	—	—
92376 2000 HH_{58}	16.8	X	39.75551	133.31690	186.78810	0.27058	0.1715431	0.29415039	2.2391839	21	11 23.6	19.2
92377 2000 HX_{58}	16.5	X	245.14734	243.33877	317.52496	3.45888	0.0675700	0.30909036	2.1664354	21	—	—
92378 2000 HA_{60}	16.4	X	171.94728	329.90758	28.40161	3.47767	0.1903505	0.31734271	2.1287126	21	2 9.3	19.4
92379 2000 HO_{68}	16.3	X	324.73437	269.13659	51.96917	5.84022	0.1901568	0.28434081	2.2903925	21	6 13.1	18.3
92380 2000 HS_{68}	16.7	X	26.74634	239.59215	203.73665	3.36530	0.0909928	0.31154218	2.1550540	21	—	—
92381 2000 HT_{69}	16.9	X	31.25279	262.12883	349.58876	2.57435	0.1226011	0.28740443	2.2740870	21	7 19.6	18.9
92382 2000 HT_{72}	17.3	X	131.27158	236.58739	110.31581	0.26285	0.1843887	0.31224021	2.1518409	21	—	—
92383 2000 HE_{75}	15.3	X	247.74407	252.40873	53.27453	23.18359	0.2949002	0.27186384	2.3599443	21	2 22.3	20.0
92384 2000 HS_{75}	16.0	X	329.60355	69.86798	187.58024	6.60495	0.0892857	0.27911964	2.3188667	21	4 1.6	18.5
92385 2000 HL_{81}	16.3	X	59.30331	47.33275	223.39469	4.75420	0.1252061	0.29285575	2.2457783	21	10 2.9	19.1
92386 2000 HG_{87}	16.7	X	333.22562	143.21640	133.31916	4.47685	0.2071657	0.28070261	2.3101406	21	4 18.9	18.8
92387 2000 HA_{93}	17.0	X	38.87925	280.11996	37.13820	3.24982	0.1088864	0.29561381	2.2317878	21	11 8.2	19.5
92388 2000 JP	16.4	X	79.27897	281.71167	316.72698	3.18433	0.1089880	0.29161573	2.2521402	21	9 11.8	19.2
92389 Gretskij	16.7	X	68.65036	216.83115	82.63691	8.66631	0.1445406	0.29755054	2.2220929	21	11 28.9	19.7
92390 2000 JU_{5}	16.1	X	56.87909	176.15814	127.18445	3.55361	0.1791124	0.29491988	2.2352873	21	11 24.6	18.9
92391 2000 JE_{7}	15.7	X	231.71091	217.32297	58.08519	5.95013	0.2060966	0.26769090	2.3844066	21	—	—
92392 2000 JL_{9}	16.5	X	16.51757	77.13902	229.53289	6.65030	0.1751405	0.28993131	2.2608546	21	9 22.6	18.6
92393 2000 JX_{12}	16.1	X	183.94252	314.16199	299.21677	2.57269	0.1168325	0.30500239	2.1857503	21	—	—
92394 2000 JW_{17}	16.0	X	101.02514	192.72256	122.54217	5.73210	0.2116284	0.30180826	2.2011449	21	—	—
92395 2000 JK_{20}	16.5	X	62.12361	269.57115	352.76970	2.90192	0.1082411	0.29241430	2.2480380	21	9 23.3	18.8
92396 2000 JM_{21}	16.5	X	11.21490	39.25235	280.40228	3.39871	0.1671702	0.29116036	2.2544878	21	10 2.5	18.5
92397 2000 JV_{21}	16.5	X	246.75844	295.03253	292.61783	1.90423	0.0974037	0.31172914	2.1541922	21	—	—
92398 2000 JM_{23}	16.5	X	116.63019	284.67890	304.60489	5.04799	0.1093553	0.29572128	2.2312471	21	10 13.1	19.6
92399 2000 JH_{24}	16.2	X	122.39807	344.70155	295.05448	5.34033	0.2075750	0.30047210	2.2076655	21	12 28.7	19.8
92400 2000 JF_{25}	16.3	X	26.07539	2.00771	270.15547	7.51349	0.2523674	0.28721083	2.2751088	21	8 28.8	18.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92401 2000 JL_{25}	16.4	X	10.79940	293.82772	297.19594	4.54546	0.1615645	0.28171944	2.3045785	21	4 28.3	18.2
92402 2000 JC_{28}	16.4	X	142.31311	275.43555	16.42141	3.66742	0.1137017	0.30500579	2.1857341	21	—	—
92403 2000 JX_{28}	16.1	X	91.39846	288.17452	9.67668	5.52823	0.1824683	0.29813214	2.2192021	21	12 22.9	19.5
92404 2000 JB_{29}	16.5	X	15.29762	5.67658	277.21799	3.27419	0.2191378	0.28627211	2.2800797	21	8 18.2	17.9
92405 2000 JH_{32}	16.2	X	21.03000	39.30800	251.63956	5.41612	0.1241150	0.28839860	2.2688579	21	8 28.7	18.4
92406 2000 JN_{32}	16.2	X	63.63110	332.35035	238.38095	5.05823	0.1047071	0.28550768	2.2841477	21	7 8.4	18.6
92407 2000 JM_{34}	16.5	X	22.43430	221.46582	15.71443	2.75467	0.1309567	0.28281656	2.2986146	21	6 6.5	18.3
92408 2000 JZ_{34}	16.0	X	333.28882	96.57195	238.74606	5.00817	0.2133426	0.28672329	2.2776871	21	7 24.5	17.6
92409 2000 JW_{35}	15.8	X	94.22345	81.95567	243.02134	3.73593	0.1703915	0.30101459	2.2050123	21	—	—
92410 2000 JA_{36}	16.4	X	342.91160	195.41886	54.36254	6.89828	0.1706472	0.27886967	2.3202522	21	4 3.3	18.6
92411 2000 JC_{37}	16.2	X	14.39233	228.14688	53.67619	6.31979	0.1619249	0.28567060	2.2832792	21	8 11.1	18.1
92412 2000 JX_{38}	16.5	X	215.28876	358.70705	244.30981	3.80938	0.0972391	0.30860825	2.1686911	21	—	—
92413 2000 JN_{39}	16.8	X	51.24364	33.63987	252.03827	2.02782	0.1436866	0.29135454	2.2534859	21	10 16.4	19.3
92414 2000 JU_{40}	16.6	X	145.33273	55.48124	208.60047	3.72647	0.1299664	0.30211019	2.1996781	21	12 30.6	19.9
92415 2000 JP_{42}	16.6	X	2.18324	209.02332	63.86566	4.49332	0.1178834	0.28480922	2.2878806	21	6 22.6	18.6
92416 2000 JS_{42}	16.9	X	104.53863	271.57915	38.10837	3.57567	0.1391788	0.30182635	2.2010569	21	—	—
92417 2000 JQ_{44}	15.9	X	261.87936	289.58555	56.62381	4.44023	0.1453439	0.27980221	2.3150940	21	4 25.9	19.2
92418 2000 JP_{45}	16.5	X	316.14009	99.90454	233.00975	4.71281	0.1672647	0.28438460	2.2901574	21	6 19.6	18.6
92419 2000 JG_{46}	16.5	X	257.42149	65.91481	206.78885	2.09714	0.1745017	0.26967914	2.3726726	21	1 15.2	20.3
92420 2000 JJ_{48}	15.6	X	168.94503	284.49928	307.72662	5.05322	0.1103750	0.30179845	2.2011926	21	12 15.5	18.6
92421 2000 JM_{48}	16.2	X	153.70185	296.23783	305.53322	4.09404	0.1225896	0.30086110	2.2057622	21	12 10.7	19.5
92422 2000 JO_{48}	15.8	X	275.72865	304.30029	41.45594	6.74041	0.1651488	0.28172557	2.3045450	21	5 7.9	18.7
92423 2000 JZ_{49}	16.4	X	22.78736	355.04304	285.99457	4.73970	0.1800557	0.28712284	2.2755736	21	8 25.6	18.2
92424 2000 JO_{50}	16.1	X	27.43839	288.37723	338.16070	3.73506	0.1820860	0.28623402	2.2802819	21	8 14.6	17.7
92425 2000 JR_{54}	16.7	X	285.38088	137.04685	121.70077	1.68817	0.2186470	0.27215047	2.3582870	21	1 20.4	20.3
92426 2000 JD_{55}	15.4	X	94.15204	168.10728	115.20242	3.83464	0.1351280	0.29698766	2.2248998	21	12 4.2	18.5
92427 2000 JD_{56}	15.8	X	146.61046	48.45289	178.26215	4.19977	0.1627776	0.29799302	2.2198927	21	11 14.4	19.1
92428 2000 JM_{60}	16.5	X	91.83745	239.04048	29.54029	7.08887	0.1047518	0.29572750	2.2312158	21	11 8.0	19.5
92429 2000 JT_{63}	16.0	X	280.33785	270.19160	287.46024	2.73467	0.0644055	0.31119475	2.1566576	21	—	—
92430 2000 JW_{63}	16.6	X	3.62772	162.98406	122.52864	3.32924	0.2047242	0.28473706	2.2882671	21	7 20.8	17.8
92431 2000 JO_{65}	16.4	X	130.86184	159.86946	125.16641	7.47297	0.1632515	0.30205799	2.1999315	21	—	—
92432 2000 JQ_{65}	16.3	X	54.68235	103.57163	157.33409	7.48761	0.1942936	0.28940436	2.2635982	21	9 26.4	18.8
92433 2000 JN_{66}	15.3	X	257.27843	208.90683	101.64891	12.39864	0.2413054	0.27287622	2.3541037	21	3 2.9	19.3
92434 2000 JV_{71}	16.4	X	99.14415	70.23414	185.58380	6.20287	0.0694551	0.29633095	2.2281857	21	10 29.3	19.2
92435 2000 JW_{73}	16.5	X	45.94107	224.89336	75.36487	5.67305	0.1398603	0.29273321	2.2464050	21	10 31.9	19.1
92436 2000 JX_{76}	16.1	X	147.68647	300.10995	281.30066	4.03440	0.0649178	0.29777703	2.2209661	21	11 7.4	19.1
92437 2000 JZ_{80}	15.9	X	70.90650	331.78055	304.46630	7.11363	0.1631326	0.29475955	2.2360978	21	10 29.4	19.0
92438 2000 JX_{85}	16.2	X	80.75321	165.49500	162.42042	6.03264	0.1397852	0.30057627	2.2071555	21	—	—
92439 2000 KD	16.2	X	26.81088	118.54760	206.87268	6.45236	0.1626333	0.29230435	2.2486017	21	11 11.1	18.6
92440 2000 KG_{1}	16.3	X	39.45536	100.40231	129.64677	5.44581	0.0755603	0.28404047	2.2920068	21	6 23.3	18.7
92441 2000 KY_{1}	16.1	X	19.04896	202.50345	116.17441	4.78975	0.2205125	0.28915355	2.2649069	21	10 30.3	18.2
92442 2000 KF_{4}	15.6	X	339.49092	206.72692	64.65134	7.40694	0.2106790	0.27913356	2.3187896	21	4 23.2	17.6
92443 2000 KS_{4}	15.9	X	278.30685	238.87944	93.87405	13.10389	0.2571700	0.27752938	2.3277164	21	4 19.2	19.6
92444 2000 KG_{5}	16.1	X	340.58565	260.03629	69.65992	10.57974	0.1790171	0.28606496	2.2811802	21	8 13.9	17.9
92445 2000 KL_{5}	15.9	X	313.23034	239.33292	73.49948	10.60193	0.1865121	0.28018721	2.3129727	21	5 12.7	18.4
92446 2000 KS_{6}	16.1	X	12.07154	156.43287	135.65708	6.68326	0.1920990	0.28602672	2.2813836	21	8 25.1	17.5
92447 2000 KR_{7}	16.0	X	295.08257	239.63835	83.10606	6.66041	0.2019848	0.27891884	2.3199795	21	4 28.1	18.9
92448 2000 KC_{9}	16.5	X	101.86080	289.46147	53.15042	5.01997	0.1784473	0.30499328	2.1857939	21	—	—
92449 2000 KU_{10}	16.9	X	52.18216	42.03076	235.19768	9.90554	0.1462917	0.29078222	2.2564419	21	10 3.3	19.6
92450 2000 KW_{13}	16.7	X	332.66483	260.23529	69.27082	4.59023	0.1834074	0.28574838	2.2828648	21	7 18.9	18.3
92451 2000 KS_{20}	16.0	X	285.22539	176.20264	86.96547	3.16571	0.1754526	0.27215860	2.3582400	21	1 30.6	19.4
92452 2000 KV_{20}	16.8	X	343.32102	208.25773	96.43892	1.74392	0.2204320	0.28333923	2.2957869	21	6 26.0	17.8
92453 2000 KZ_{21}	16.4	X	33.47550	121.28138	230.38978	3.53192	0.1336738	0.29728298	2.2234260	21	12 23.2	18.9
92454 2000 KV_{25}	15.8	X	41.56762	209.85566	63.71723	5.93237	0.1120856	0.28821235	2.2698352	21	9 12.6	18.3
92455 2000 KQ_{28}	16.4	X	326.74877	160.46027	72.55114	3.79668	0.1830742	0.27443478	2.3451823	21	2 8.5	19.1
92456 2000 KB_{34}	15.5	X	355.00440	64.12019	271.78065	4.72401	0.1911192	0.28722922	2.2750117	21	9 24.1	17.1
92457 2000 KY_{34}	15.7	X	124.37666	97.42422	209.56460	4.22911	0.1845043	0.30214775	2.1994958	21	—	—
92458 2000 KO_{35}	16.5	X	18.15873	180.87541	137.18820	5.93084	0.1453267	0.28977430	2.2616712	21	10 15.2	18.7
92459 2000 KC_{39}	16.2	X	316.09922	37.10412	190.09352	3.55857	0.1091730	0.27311846	2.3527115	21	1 26.5	19.1
92460 2000 KT_{39}	16.3	X	67.12861	102.90595	117.71202	3.96344	0.0943492	0.28656883	2.2785055	21	7 28.4	18.7
92461 2000 KQ_{43}	16.8	X	22.55620	310.19549	68.53399	4.37584	0.1948961	0.29943870	2.2127419	21	—	—
92462 2000 KB_{55}	15.7	X	115.75791	181.49071	88.70861	8.92001	0.1385144	0.29797829	2.2199659	21	12 9.4	19.0
92463 2000 KB_{56}	16.1	X	273.80484	79.12698	217.00321	5.08246	0.2538081	0.27290205	2.3539552	21	2 19.8	20.0
92464 2000 KS_{56}	16.0	X	176.33786	209.40462	106.92941	6.16045	0.2003181	0.26231573	2.4168693	21	—	—
92465 2000 KB_{57}	15.5	X	298.59967	319.86635	252.10503	7.65697	0.2140101	0.26851274	2.3795388	21	—	—
92466 2000 KS_{57}	15.8	X	67.44882	248.43713	96.87194	7.49821	0.2280886	0.30022455	2.2088789	21	—	—
92467 2000 KY_{58}	16.3	X	236.36960	3.08337	173.51711	6.01525	0.0532558	0.30421414	2.1895244	21	—	—
92468 2000 KU_{60}	16.8	X	36.67915	69.70949	144.53257	3.94074	0.1668790	0.28281801	2.2986067	21	6 4.4	18.7
92469 2000 KX_{62}	16.2	X	351.49941	95.59671	183.87563	8.21306	0.2128204	0.28244448	2.3006329	21	6 4.1	17.9
92470 2000 KK_{63}	15.7	X	55.47037	121.62121	136.35501	7.04919	0.0822646	0.28962107	2.2624689	21	9 3.9	18.1
92471 2000 KX_{69}	16.2	X	301.87719	209.07060	172.21716	7.44727	0.1592347	0.28347903	2.2950321	21	8 9.3	18.5
92472 2000 KR_{70}	16.6	X	155.25665	307.05246	269.68762	5.88501	0.1233481	0.29855500	2.2171061	21	11 8.4	19.9
92473 2000 LP	15.8	X	166.32299	220.15678	49.35974	6.59374	0.1469777	0.30395776	2.1907554	21	—	—
92474 2000 LF_{4}	15.9	X	197.77761	102.79419	164.68127	7.17218	0.1972377	0.25984312	2.4321773	21	—	—
92475 2000 LQ_{4}	16.1	X	344.27863	121.92273	114.14986	8.57949	0.1763544	0.27679113	2.3318536	21	3 16.3	18.5
92476 2000 LA_{5}	16.2	X	264.81137	144.12936	158.79474	6.86541	0.2044489	0.27194231	2.3594903	21	2 26.2	19.7
92477 2000 LP_{5}	15.8	X	38.72645	145.63328	185.10637	6.20339	0.2265743	0.29149972	2.2527377	21	12 14.8	18.7
92478 2000 LA_{8}	15.3	X	66.34953	34.51745	274.37222	4.56894	0.1838860	0.29414333	2.2392198	21	12 11.8	18.5
92479 2000 LZ_{8}	16.2	X	321.57861	221.39560	100.03176	3.86097	0.2271692	0.28141263	2.3062532	21	6 1.3	18.2
92480 2000 LM_{9}	15.8	X	11.52495	172.51121	90.19690	6.02568	0.1378593	0.28278331	2.2987948	21	6 26.5	17.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92481 2000 LC_{11}	15.4	X	128.98166	144.27462	147.05219	12.08624	0.1927493	0.25323840	2.4742847	21	—	—
92482 2000 LQ_{13}	16.0	X	43.02817	70.38480	210.14603	6.23478	0.1341990	0.28770297	2.2725136	21	9 23.7	18.4
92483 2000 LL_{20}	14.7	X	10.66846	320.22901	271.79850	24.89983	0.1428972	0.27652683	2.3333391	21	4 26.7	17.4
92484 2000 LV_{21}	16.0	X	285.86402	122.77163	202.86187	5.25847	0.2829236	0.27403571	2.3474586	21	4 7.9	19.3
92485 2000 LM_{23}	16.2	X	178.81073	205.77148	173.27522	6.38011	0.1288895	0.26729398	2.3867665	21	3 15.4	19.8
92486 2000 LR_{30}	14.7	X	325.84571	155.86471	244.60577	12.78143	0.1818577	0.23959374	2.5673539	21	10 18.6	17.2
92487 2000 LL_{31}	16.1	X	139.45039	210.86922	84.80069	5.52744	0.1752264	0.30515131	2.1850392	21	—	—
92488 2000 LH_{36}	15.7	X	79.16231	246.87868	94.44707	6.41499	0.2062046	0.30038572	2.2080887	21	—	—
92489 2000 MK	16.3	X	83.73949	300.01323	241.47670	5.72301	0.0455401	0.28258802	2.2998537	21	6 16.3	18.8
92490 2000 MG_{2}	15.8	X	223.87215	298.05319	10.57981	1.20453	0.1842122	0.26571350	2.3962215	21	1 30.7	19.6
92491 2000 MA_{3}	15.8	X	209.02159	39.19894	315.02283	3.65692	0.2507533	0.26735092	2.3864276	21	3 12.9	20.0
92492 2000 MV_{3}	15.3	X	196.52042	195.16248	85.40774	10.91580	0.2144425	0.26072418	2.4266949	21	—	—
92493 2000 MX_{4}	15.1	X	249.39497	214.11346	103.72190	3.62993	0.2041003	0.26795275	2.3828529	21	3 4.9	19.0
92494 2000 MH_{6}	15.6	X	267.13401	118.62799	197.53485	21.28185	0.2839281	0.27094333	2.3652864	21	3 7.5	19.7
92495 2000 NY	15.8	X	18.27832	332.14122	256.13406	2.68624	0.1787682	0.27792088	2.3255299	21	5 14.9	17.5
92496 2000 NB_{2}	16.3	X	196.75067	23.82175	312.48298	4.25608	0.2220844	0.26441027	2.4040888	21	2 10.8	20.3
92497 2000 NQ_{2}	16.1	X	224.02356	155.55702	181.16275	4.92899	0.2462427	0.26737239	2.3862999	21	3 3.7	20.3
92498 2000 NH_{9}	15.7	X	284.55643	355.05366	292.10916	8.00949	0.1225452	0.26991861	2.3712691	21	3 3.5	19.1
92499 2000 NQ_{13}	15.5	X	230.96945	67.08751	275.69499	6.05655	0.1241642	0.26794026	2.3829270	21	3 17.9	19.1
92500 2000 NY_{13}	15.9	X	318.71618	329.55800	301.69134	6.42781	0.1168159	0.27200170	2.3591468	21	3 28.1	18.7
92501 2000 NF_{15}	15.6	X	223.37371	109.99544	92.79062	1.44652	0.1225931	0.29832635	2.2182388	21	—	—
92502 2000 NP_{15}	15.3	X	335.68022	298.91026	327.69194	6.26714	0.0944156	0.27375778	2.3490471	21	4 21.6	18.0
92503 2000 NQ_{15}	15.6	X	18.78987	325.74660	328.44507	7.16343	0.1278843	0.28257657	2.2999159	21	8 31.9	17.7
92504 2000 NR_{15}	16.0	X	230.62835	239.65223	92.87104	3.52467	0.2197285	0.26678800	2.3897833	21	3 6.8	20.1
92505 2000 NK_{16}	16.6	X	213.99872	342.97582	348.46858	2.09330	0.2167040	0.26461290	2.4028613	21	2 19.1	20.6
92506 2000 NU_{16}	15.4	X	204.47375	114.49964	88.81445	4.69693	0.1765985	0.29708703	2.2244036	21	12 9.2	18.5
92507 2000 NS_{17}	15.6	X	253.63326	212.73926	86.84696	7.25665	0.1196772	0.26714568	2.3876497	21	2 20.9	19.2
92508 2000 NT_{17}	15.2	X	210.20351	230.53971	96.09446	9.16335	0.1358446	0.26411968	2.4058518	21	2 11.3	19.0
92509 2000 NU_{18}	15.9	X	247.00765	0.75123	327.41428	5.91148	0.2349338	0.26889674	2.3772728	21	3 10.9	19.8
92510 2000 NH_{19}	16.2	X	220.54443	234.39278	30.30645	1.46552	0.1789049	0.25948481	2.4344158	21	—	—
92511 2000 NK_{20}	16.1	X	346.40683	171.87241	144.16444	4.41729	0.0511862	0.28218526	2.3020416	21	8 1.7	18.6
92512 2000 NN_{20}	16.5	X	211.13670	131.57227	203.60472	1.71772	0.2116103	0.26559822	2.3969148	21	2 20.3	20.5
92513 2000 NW_{20}	16.1	X	266.91313	81.26852	280.76708	3.99682	0.2180746	0.27411217	2.3470221	21	5 13.1	19.6
92514 2000 ND_{21}	15.8	X	192.73604	164.27292	140.32140	11.10129	0.1742491	0.25954545	2.4340366	21	—	—
92515 2000 NZ_{21}	16.1	X	280.60746	239.90599	122.24451	5.95574	0.1904279	0.27811248	2.3244617	21	6 4.1	19.2
92516 2000 ND_{25}	14.8	X	90.14300	88.65195	305.68104	6.22601	0.0699907	0.30462146	2.1875722	21	—	—
92517 2000 NZ_{25}	15.7	X	304.23263	68.29647	299.90201	4.65282	0.1338341	0.28172163	2.3045666	21	7 29.5	17.9
92518 2000 NR_{26}	16.2	X	271.57097	18.91122	255.91299	1.83855	0.1910959	0.26756497	2.3851547	21	1 29.8	19.8
92519 2000 NO_{27}	15.2	X	321.41488	290.53330	317.58177	7.64934	0.2140835	0.27209668	2.3585978	21	2 15.0	17.9
92520 2000 NH_{28}	15.8	X	317.44586	234.02912	125.19493	8.93028	0.2150694	0.28216564	2.3021483	21	7 28.2	17.4
92521 2000 NM_{28}	16.1	X	332.30247	35.11579	253.48380	5.15882	0.2101261	0.27760473	2.3272952	21	5 2.5	18.2
92522 2000 NS_{28}	15.4	X	286.22016	154.15193	222.66723	1.03447	0.2594879	0.27907850	2.3190946	21	6 20.7	18.2
92523 2000 NO_{29}	16.4	X	257.68879	139.10227	138.80891	2.99218	0.1672145	0.26629717	2.3927189	21	1 22.9	20.2
92524 2000 ON_{1}	16.1	X	91.62891	312.51574	251.26478	6.54532	0.0700608	0.28149550	2.3058006	21	8 1.6	19.1
92525 Delucchi	16.3	X	169.72829	306.08606	16.71272	2.20906	0.2225451	0.25795674	2.4440203	21	1 4.7	20.2
92526 2000 OB_{3}	15.6	X	237.43115	329.14790	295.95320	13.44621	0.1714769	0.26223453	2.4173681	21	—	—
92527 2000 OJ_{7}	16.3	X	301.73331	174.43847	225.22158	5.19456	0.1541382	0.28421652	2.2910602	21	9 7.5	18.5
92528 2000 OQ_{8}	15.5	X	172.03014	344.09548	312.18086	14.24399	0.1380681	0.25678401	2.4514558	21	—	—
92529 2000 OK_{11}	15.9	X	15.73217	348.61468	301.10525	8.85050	0.2102248	0.28369616	2.2938609	21	8 27.3	17.6
92530 2000 OM_{13}	16.7	X	271.37192	88.94520	209.65468	1.48751	0.2121827	0.27067050	2.3668756	21	2 25.8	20.2
92531 2000 OD_{14}	16.0	X	281.19822	193.96036	127.87107	7.46545	0.1451404	0.27397846	2.3477856	21	4 19.1	19.2
92532 2000 OJ_{14}	16.1	X	227.54510	30.48674	292.83790	7.13297	0.1173462	0.26713569	2.3877092	21	2 19.1	19.7
92533 2000 OQ_{14}	16.5	X	211.38677	343.85502	290.55757	3.72035	0.2893286	0.26087676	2.4257486	21	—	—
92534 2000 OW_{15}	16.0	X	244.05472	158.20156	231.33746	1.58766	0.2244677	0.27487530	2.3426760	21	5 26.9	19.4
92535 2000 OX_{15}	16.1	X	156.04786	84.51035	258.05850	1.80042	0.2063721	0.25868347	2.4394407	21	1 13.9	19.8
92536 2000 OE_{16}	15.5	X	252.11980	286.22763	95.68068	3.09432	0.2287330	0.27497729	2.3420968	21	5 24.6	19.2
92537 2000 OS_{16}	15.7	X	204.26429	244.77580	296.39309	6.82787	0.1007868	0.29371575	2.2413924	21	11 16.2	18.7
92538 2000 OF_{18}	15.8	X	204.21567	225.29648	69.84510	3.24730	0.1960315	0.26046417	2.4283096	21	—	—
92539 2000 OB_{19}	14.4	X	305.42823	45.29337	343.73193	4.68232	0.1885265	0.28186861	2.3037653	21	8 26.3	16.1
92540 2000 OA_{20}	15.4	X	201.05750	49.12734	271.00922	5.09457	0.1516109	0.26291930	2.4131690	21	1 23.2	19.2
92541 2000 OX_{20}	14.0	X	281.02322	39.72478	3.18804	22.18478	0.0315280	0.23009897	2.6375028	21	9 3.2	17.7
92542 2000 OW_{21}	15.7	X	182.30959	298.17517	150.92646	6.81171	0.1427142	0.27533958	2.3400418	21	6 19.2	19.3
92543 2000 OB_{27}	16.1	X	174.47368	105.74328	243.07055	1.71901	0.2575926	0.26083833	2.4259869	21	2 9.9	20.2
92544 2000 OE_{27}	15.6	X	218.26183	40.54636	294.71254	5.33041	0.1735933	0.26585435	2.3953751	21	2 25.0	19.4
92545 2000 OV_{30}	16.0	X	306.87863	94.28694	177.41771	6.00546	0.1098889	0.27153453	2.3618520	21	3 16.6	19.0
92546 2000 OF_{31}	15.4	X	172.04840	118.54356	247.38893	6.81635	0.1487385	0.26321356	2.4113701	21	2 18.6	19.1
92547 2000 OC_{32}	15.9	X	334.53772	83.63432	259.78223	6.38318	0.1354519	0.28198772	2.3031166	21	8 16.3	17.9
92548 2000 OX_{33}	15.9	X	226.41019	98.26861	248.79880	6.79987	0.1579808	0.26850912	2.3795602	21	3 17.7	19.7
92549 2000 OK_{34}	16.1	X	210.17894	189.38026	193.03628	4.44019	0.1238669	0.27035960	2.3686898	21	4 20.8	19.6
92550 2000 OX_{34}	16.2	X	138.74893	166.63940	181.74604	5.10617	0.2060137	0.25600867	2.4564029	21	1 3.1	19.7
92551 2000 OV_{36}	15.6	X	205.02613	149.08882	242.12926	6.53824	0.1405805	0.27029681	2.3690566	21	4 25.1	19.4
92552 2000 OZ_{36}	15.7	X	214.40989	92.95934	263.84096	8.09991	0.2356111	0.26692277	2.3889788	21	3 17.3	19.9
92553 2000 OR_{37}	15.5	X	195.44915	244.21913	241.20714	6.68862	0.0279253	0.28244228	2.3006448	21	8 24.2	18.5
92554 2000 OK_{38}	15.6	X	214.96486	144.59272	221.28761	8.56979	0.2865719	0.26750652	2.3855021	21	3 30.4	19.9
92555 2000 OZ_{38}	15.2	X	44.62053	347.36996	272.31555	12.41042	0.2508477	0.23628786	2.5912448	21	9 4.2	18.5
92556 2000 OP_{39}	15.3	X	155.91780	134.84884	225.37679	9.20190	0.2577151	0.25877808	2.4388461	21	2 5.8	19.3
92557 2000 OY_{40}	15.8	X	229.75167	77.93076	266.87091	6.08873	0.1320057	0.26786295	2.3833854	21	3 19.0	19.5
92558 2000 OD_{43}	15.9	X	43.72807	211.76490	166.91451	8.37549	0.2693273	0.24504662	2.5291247	21	—	—
92559 2000 OO_{45}	15.4	X	107.87196	228.86298	198.90441	4.70739	0.1928676	0.26021525	2.4298580	21	3 6.0	18.5
92560 2000 OX_{45}	15.3	X	241.15917	47.92470	275.95082	8.74773	0.2452281	0.26667786	2.3904413	21	2 25.9	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92561 2000 OK_{46}	14.9	X	331.91621	206.50455	147.14092	6.94921	0.1535548	0.28050582	2.3112209	21	8 30.8	16.6
92562 2000 OX_{50}	14.5	X	146.88959	338.14968	79.06931	6.42141	0.2343836	0.26015053	2.4302609	21	4 13.3	18.4
92563 2000 OZ_{50}	16.4	X	195.67726	306.38887	56.90787	2.19145	0.1978533	0.26584854	2.3954100	21	3 15.2	20.4
92564 2000 OQ_{51}	14.5	X	17.52720	184.03612	249.69453	13.23991	0.1612358	0.24763731	2.5114546	21	—	—
92565 2000 ON_{52}	15.0	X	312.97255	48.51733	278.64571	5.34048	0.1349542	0.27589185	2.3369180	21	6 10.6	17.4
92566 2000 OM_{53}	14.4	X	42.78778	11.27926	271.75692	6.67037	0.1231047	0.28110294	2.3079468	21	9 21.6	17.2
92567 2000 OU_{55}	15.9	X	128.79121	139.73005	250.30969	0.61760	0.1944544	0.25984724	2.4321516	21	2 11.8	19.2
92568 2000 OJ_{56}	15.7	X	67.80408	298.69456	52.27705	4.28921	0.1429396	0.24771993	2.5108961	21	—	—
92569 2000 OC_{58}	16.3	X	157.80613	273.29845	98.42341	2.31222	0.1978503	0.26121088	2.4236796	21	2 20.4	20.0
92570 2000 OE_{58}	16.3	X	163.98939	15.02716	0.70166	1.80239	0.1741040	0.26267673	2.4146544	21	2 28.6	19.9
92571 2000 OF_{58}	15.9	X	263.70204	246.34105	118.47658	4.50210	0.1450513	0.27493551	2.3423340	21	5 24.3	19.2
92572 2000 ON_{58}	16.9	X	350.37141	202.21137	63.27537	1.36079	0.1841390	0.27680820	2.3317577	21	5 9.9	18.5
92573 2000 OZ_{58}	16.1	X	247.47867	32.98085	304.65289	1.93463	0.2164849	0.26978791	2.3720348	21	3 24.4	20.0
92574 2000 OE_{59}	16.2	X	224.12929	30.31739	309.35975	4.09748	0.2088513	0.26713526	2.3877118	21	3 7.3	20.1
92575 2000 OJ_{59}	15.7	X	237.32724	237.62474	159.08534	4.18818	0.1888475	0.27462815	2.3440814	21	6 2.4	19.3
92576 2000 OY_{59}	16.0	X	131.63261	150.92353	194.66613	2.08375	0.1936661	0.25519709	2.4616081	21	—	—
92577 2000 OD_{60}	15.9	X	297.50885	359.16188	306.70257	6.48466	0.1205427	0.27310851	2.3527687	21	4 14.8	19.1
92578 Benecchi	16.4	X	132.05025	133.95773	292.40528	2.46096	0.2094372	0.26568808	2.3963744	21	4 3.4	19.9
92579 2000 OK_{69}	16.6	X	125.98146	222.90423	150.40219	2.81739	0.2437407	0.25723873	2.4485660	21	1 25.2	20.0
92580 2000 PZ	16.5	X	280.18881	227.62804	168.49517	4.11064	0.1396896	0.28126270	2.3070727	21	7 30.0	19.1
92581 2000 PY_{1}	15.6	X	272.74687	99.12305	335.11834	5.38880	0.0484111	0.28507202	2.2864743	21	9 28.1	18.2
92582 2000 PZ_{1}	15.7	X	241.36892	38.26320	336.47244	6.46678	0.1230153	0.27271625	2.3550242	21	5 10.8	19.2
92583 2000 PA_{2}	16.0	X	189.08177	35.35549	8.15558	2.26002	0.2109154	0.26803094	2.3823895	21	4 27.2	19.8
92584 2000 PW_{2}	15.5	X	95.33876	212.61723	215.10604	5.62816	0.1518664	0.26067887	2.4269761	21	2 7.9	18.3
92585 Fumagalli	16.2	X	174.92995	118.99543	224.38565	1.67111	0.2105996	0.26015846	2.4302115	21	1 31.9	20.1
92586 2000 PS_{8}	15.7	X	243.63400	103.56350	251.28190	5.75471	0.1421701	0.26975036	2.3722549	21	4 15.9	19.4
92587 2000 PH_{9}	15.2	X	48.85699	218.57291	69.54538	13.89712	0.2736374	0.24017803	2.5631884	21	11 3.1	18.7
92588 2000 PJ_{11}	14.9	X	227.55592	279.36368	64.14122	8.66277	0.2381432	0.26611589	2.3938054	21	3 20.1	19.1
92589 2000 PO_{12}	15.1	X	195.68529	104.20227	283.67860	5.95332	0.1529710	0.26655608	2.3911693	21	4 10.1	18.9
92590 2000 PT_{13}	15.5	X	315.55754	89.99197	294.29833	5.18994	0.1837178	0.28453259	2.2893633	21	9 7.5	17.3
92591 2000 PX_{14}	16.6	X	233.67500	299.61845	350.32819	1.64395	0.1101990	0.26431577	2.4046618	21	1 17.9	20.0
92592 2000 PV_{15}	15.9	X	293.42456	66.94490	298.83709	5.98816	0.1598033	0.27945964	2.3169855	21	7 2.8	18.5
92593 2000 PN_{16}	15.5	X	196.27480	295.17908	133.92495	6.80753	0.1352450	0.27474664	2.3434074	21	6 7.4	19.1
92594 2000 PV_{16}	16.0	X	32.24322	170.08803	157.97931	3.50326	0.2274317	0.24121506	2.5558367	21	11 23.6	19.0
92595 2000 PE_{17}	16.3	X	221.97362	168.09200	134.86253	6.97968	0.1310164	0.26361298	2.4089337	21	1 21.8	20.0
92596 2000 PN_{18}	16.0	X	227.57015	251.01381	47.17555	3.31615	0.1995103	0.26370804	2.4083548	21	1 21.9	20.0
92597 2000 PE_{19}	15.3	X	224.18120	151.87414	17.11522	4.25918	0.0626821	0.29278282	2.2461512	21	12 1.5	18.1
92598 2000 PM_{19}	16.3	X	64.54672	240.79004	6.81245	4.71177	0.1196932	0.28331409	2.2959227	21	9 7.8	18.9
92599 2000 PR_{19}	15.4	X	30.26795	192.55091	9.33633	7.99695	0.0383847	0.27130590	2.3631787	21	4 21.6	18.1
92600 2000 PW_{19}	15.6	X	303.48054	227.51778	94.00636	7.69979	0.1506650	0.27535511	2.3399538	21	5 16.8	18.3
92601 2000 PL_{20}	16.4	X	293.94293	205.33794	75.99059	3.03230	0.2089877	0.27046460	2.3680767	21	3 1.1	19.7
92602 2000 PO_{20}	15.3	X	3.61542	351.83909	72.26274	3.00096	0.1391845	0.24661523	2.5183888	21	—	—
92603 2000 PF_{21}	16.3	X	242.30842	50.16481	212.89479	0.99040	0.1540172	0.26235413	2.4166334	21	—	—
92604 2000 PZ_{21}	16.0	X	101.36254	350.27523	57.52316	6.65428	0.1360637	0.25750858	2.4468551	21	1 23.1	18.9
92605 2000 PR_{22}	16.0	X	271.59298	288.15747	310.12189	12.70777	0.2173752	0.26518655	2.3993948	21	—	—
92606 2000 PB_{23}	15.3	X	10.07927	336.40646	36.44965	6.85517	0.2109888	0.24160995	2.5530511	21	12 15.8	18.0
92607 2000 PM_{23}	16.1	X	204.60416	228.87135	141.62874	4.67221	0.2113246	0.26657656	2.3910468	21	4 1.3	20.1
92608 2000 PR_{23}	15.4	X	332.89561	78.40789	326.23528	7.98244	0.1735737	0.28704808	2.2759687	21	11 25.9	17.3
92609 2000 PO_{24}	15.3	X	349.18531	307.60844	74.76677	11.21757	0.2625482	0.23823885	2.5770786	21	11 25.5	17.1
92610 2000 PP_{24}	15.6	X	145.40667	232.32020	344.45528	4.13391	0.0813936	0.24141444	2.5544293	21	10 22.0	19.5
92611 2000 PK_{26}	15.0	X	55.04334	83.80108	236.76268	12.23225	0.1781091	0.24022983	2.5628199	21	12 4.4	18.5
92612 2000 PZ_{26}	15.4	X	18.93391	73.27712	327.23538	10.66311	0.1431869	0.24454148	2.5326064	21	—	—
92613 2000 QO	15.4	X	330.44708	1.04882	60.53827	2.81914	0.1586771	0.24141771	2.5544063	21	12 3.6	17.6
92614 Kazutami	15.6	X	248.54775	14.18645	336.85425	2.76066	0.1949432	0.26959311	2.3731773	21	4 12.6	19.3
92615 2000 QR_{1}	16.5	X	201.06718	187.23683	162.67213	6.32580	0.2011196	0.26398633	2.4066619	21	3 2.5	20.5
92616 2000 QU_{1}	14.9	X	254.16091	322.16684	19.45130	13.90841	0.2369223	0.26716984	2.3875058	21	4 4.8	18.8
92617 2000 QU_{3}	15.9	X	252.35469	331.19347	11.61231	2.45645	0.2154360	0.26983637	2.3717508	21	4 5.1	19.8
92618 2000 QU_{4}	15.3	X	230.02207	162.13517	338.38957	9.27652	0.1051758	0.28627580	2.2800601	21	10 19.9	18.4
92619 2000 QW_{4}	16.5	X	31.58839	209.47526	172.38924	4.78383	0.2579128	0.24332332	2.5410521	21	—	—
92620 2000 QG_{5}	15.0	X	66.58737	120.29701	342.06669	9.33248	0.2195667	0.25733513	2.4479545	21	2 21.1	17.0
92621 2000 QY_{5}	16.0	X	1.56403	356.37965	9.23314	1.72957	0.1033332	0.23889463	2.5723602	21	11 5.8	18.8
92622 2000 QB_{6}	15.0	X	250.05587	57.47519	347.61425	13.16608	0.1199053	0.27468271	2.3437709	21	7 7.9	18.4
92623 2000 QB_{8}	15.3	X	229.65477	150.68417	323.41615	6.80366	0.0557665	0.28289857	2.2981703	21	9 21.0	18.3
92624 2000 QJ_{10}	16.1	X	194.08060	36.75442	306.56588	0.50442	0.1997223	0.26379246	2.4078410	21	2 16.7	19.9
92625 2000 QY_{12}	16.5	X	197.33104	256.66504	123.78079	3.04273	0.2099893	0.26715932	2.3875685	21	4 7.3	20.4
92626 2000 QJ_{13}	16.3	X	317.92057	286.48005	330.88234	2.60643	0.1359441	0.27083158	2.3659370	21	3 7.8	18.9
92627 2000 QW_{13}	15.7	X	296.51612	231.82062	164.85856	4.40418	0.2303733	0.28209405	2.3025378	21	8 11.2	17.9
92628 2000 QF_{14}	16.5	X	198.41623	89.81135	318.74225	0.57729	0.1810262	0.27076844	2.3663048	21	5 11.8	20.3
92629 2000 QD_{15}	16.0	X	215.12037	134.97908	154.31313	3.09620	0.1766104	0.26089403	2.4256416	21	—	—
92630 2000 QG_{15}	16.1	X	169.37334	174.40674	154.76079	7.20390	0.1227359	0.25854710	2.4402984	21	1 2.2	19.7
92631 2000 QE_{17}	15.9	X	263.90448	343.33779	317.61027	5.70970	0.1186218	0.26778267	2.3838618	21	3 1.3	19.3
92632 2000 QH_{17}	16.6	X	182.87623	58.68428	243.28804	1.07545	0.2109925	0.25765978	2.4458978	21	—	—
92633 2000 QM_{18}	16.4	X	189.43160	46.53566	265.68409	1.35019	0.2165077	0.25940263	2.4349299	21	1 7.8	20.2
92634 2000 QN_{19}	16.4	X	172.88913	257.53733	136.82599	3.86618	0.1300041	0.26523155	2.3991234	21	3 30.8	19.9
92635 2000 QP_{20}	15.3	X	157.16030	98.48724	344.25779	6.21024	0.1047978	0.26851910	2.3795012	21	5 10.7	18.8
92636 2000 QS_{20}	14.6	X	264.21122	93.83512	346.40176	3.08148	0.1531584	0.23357411	2.6112768	21	9 3.8	17.8
92637 2000 QL_{21}	15.5	X	79.66455	90.06088	326.65997	11.07856	0.1952288	0.25481269	2.4640831	21	1 8.7	17.9
92638 2000 QO_{21}	16.8	X	144.01736	326.88428	345.46877	1.00622	0.2347040	0.25336933	2.4734323	21	—	—
92639 2000 QX_{21}	15.7	X	351.75476	86.60359	337.43364	8.51837	0.2217225	0.24229946	2.5482053	21	—	—
92640 2000 QL_{22}	15.5	X	335.19337	316.19218	80.86850	2.80056	0.2041448	0.28617985	2.2805697	21	11 23.8	16.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92641 2000 QM_{23}	15.8	X	285.50954	348.87847	359.85724	6.03147	0.1970093	0.27542033	2.3395844	21	5 18.7	18.8
92642 2000 QQ_{23}	15.5	X	200.68469	51.95051	3.69481	6.56341	0.1217009	0.27177025	2.3604860	21	5 22.5	19.1
92643 2000 QE_{24}	15.7	X	171.91255	147.31245	334.99937	6.20548	0.1554647	0.27480217	2.3430916	21	7 24.1	19.4
92644 2000 QU_{26}	16.1	X	229.03828	80.19730	195.46997	2.77275	0.0731975	0.25982079	2.4323167	21	—	—
92645 2000 QB_{29}	16.2	X	193.20848	334.67715	13.10256	2.58818	0.2264973	0.26182157	2.4199094	21	2 23.3	20.3
92646 2000 QC_{31}	15.7	X	327.35163	327.82703	23.50315	7.16552	0.1431657	0.28108561	2.3080416	21	8 20.9	17.7
92647 2000 QF_{31}	15.4	X	22.70636	12.38371	60.42595	4.15865	0.1246431	0.25058249	2.4917372	21	—	—
92648 2000 QF_{35}	14.9	X	64.16221	135.77153	1.00150	7.46348	0.1279885	0.26367675	2.4085454	21	3 24.5	17.3
92649 2000 QV_{35}	16.2	X	228.09656	58.29036	289.64533	3.52308	0.1630752	0.26870781	2.3783870	21	3 21.6	20.0
92650 2000 QJ_{36}	16.3	X	211.38199	191.25383	171.53461	2.31766	0.2263389	0.26713284	2.3877262	21	3 26.7	20.4
92651 2000 QQ_{36}	16.0	X	177.62559	184.55005	162.13696	4.71213	0.1471101	0.26161930	2.4211565	21	2 2.7	19.7
92652 2000 QX_{36}	15.5	X	191.61356	145.44086	294.27781	2.23144	0.0747336	0.27527769	2.3403926	21	6 16.6	18.5
92653 2000 QK_{37}	16.2	X	138.91772	200.48978	182.54370	1.05822	0.1930605	0.25950581	2.4342845	21	2 14.1	19.7
92654 2000 QW_{37}	15.9	X	186.84761	225.36693	188.69231	2.18694	0.1936998	0.26947751	2.3738560	21	5 9.3	19.7
92655 2000 QD_{38}	16.2	X	233.45153	312.54624	331.76620	1.88751	0.2050128	0.26311615	2.4119652	21	1 9.6	20.1
92656 2000 QU_{39}	15.9	X	236.18681	210.47049	154.44616	6.54383	0.1376326	0.27089168	2.3655871	21	4 25.9	19.5
92657 2000 QA_{40}	14.6	X	279.21383	83.91004	335.14188	6.67154	0.0674429	0.28362467	2.2942463	21	9 13.1	17.0
92658 2000 QV_{40}	16.1	X	149.98779	82.16733	314.00995	6.03194	0.1060007	0.26330484	2.4108128	21	3 2.9	19.5
92659 2000 QE_{43}	16.4	X	227.82156	213.26387	193.92330	2.99780	0.1112587	0.27447187	2.3449711	21	6 12.3	19.7
92660 2000 QF_{43}	15.8	X	167.22265	81.09339	227.84499	1.59475	0.1727952	0.25603707	2.4562213	21	—	—
92661 2000 QG_{43}	15.9	X	18.99059	206.62128	192.18952	2.60576	0.1717286	0.24512899	2.5285581	21	—	—
92662 2000 QZ_{43}	15.6	X	292.74706	92.67457	328.54849	12.54813	0.1509744	0.23652407	2.5895193	21	9 16.3	18.6
92663 2000 QQ_{44}	16.1	X	102.98070	228.12612	144.08946	8.60446	0.0463878	0.25456544	2.4656783	21	—	—
92664 2000 QB_{47}	16.5	X	76.91205	37.31083	340.89749	6.68014	0.3140339	0.24911570	2.5015085	21	—	—
92665 2000 QD_{50}	16.0	X	180.13762	282.85801	128.26232	1.17216	0.0916699	0.26848172	2.3797221	21	4 26.3	19.2
92666 2000 QO_{51}	15.9	X	266.66311	246.94226	139.24351	2.18116	0.0791754	0.27791388	2.3255690	21	7 6.2	18.6
92667 2000 QT_{51}	15.8	X	284.19445	261.00707	144.54680	6.92166	0.1086803	0.28180840	2.3040935	21	8 26.7	18.1
92668 2000 QB_{53}	16.3	X	96.95676	299.00338	57.05347	1.49927	0.1641600	0.25112954	2.4881173	21	—	—
92669 2000 QG_{54}	16.2	X	175.36127	243.14743	126.58208	5.69581	0.2146752	0.26201367	2.4187264	21	3 7.6	20.1
92670 2000 QU_{55}	16.4	X	218.80458	174.11454	140.71087	3.80057	0.2494755	0.26330238	2.4108278	21	2 2.9	20.7
92671 2000 QX_{55}	15.3	X	232.87885	298.97283	122.00649	5.32659	0.1587607	0.27519596	2.3408559	21	7 2.3	18.8
92672 2000 QK_{56}	16.2	X	62.87457	44.57419	144.34756	7.10681	0.0389615	0.27354701	2.3502536	21	5 27.6	19.0
92673 2000 QL_{56}	16.3	X	219.72647	91.90042	334.78601	8.69258	0.2239523	0.27428203	2.3460529	21	6 22.5	20.3
92674 2000 QO_{57}	16.7	X	51.26345	327.92135	355.90392	3.47921	0.2188867	0.24304444	2.5429955	21	12 9.6	20.3
92675 2000 QF_{61}	16.2	X	182.39294	298.72229	37.69362	2.96039	0.2265498	0.26034235	2.4290670	21	2 1.5	20.2
92676 2000 QQ_{61}	15.2	X	182.98044	20.23308	4.65427	6.09195	0.1118557	0.26417748	2.4055009	21	3 26.5	18.8
92677 2000 QW_{62}	15.6	X	177.94875	327.62337	32.94175	7.67775	0.1136679	0.26128384	2.4232284	21	2 22.4	19.2
92678 2000 QB_{63}	15.5	X	186.67870	330.29240	54.49671	8.01020	0.0765241	0.26538140	2.3982202	21	4 1.4	18.9
92679 2000 QS_{63}	16.2	X	44.82192	273.55415	47.36621	5.74244	0.2642900	0.24069124	2.5595436	21	12 4.2	19.6
92680 2000 QG_{64}	15.8	X	139.71599	297.89134	68.40160	7.81315	0.1314848	0.25655522	2.4529130	21	1 18.8	19.1
92681 2000 QK_{67}	15.0	X	225.06337	30.68684	13.57258	14.83784	0.1005834	0.22527276	2.6750399	21	6 4.1	19.3
92682 2000 QT_{67}	15.8	X	172.90665	282.42617	123.11964	7.38182	0.2183261	0.26444628	2.4038705	21	4 20.5	19.8
92683 2000 QZ_{67}	15.7	X	76.36829	299.29758	40.65568	5.25144	0.1285068	0.24570191	2.5246258	21	—	—
92684 2000 QN_{69}	15.7	X	70.44022	279.04056	193.31163	11.29996	0.1567451	0.26401343	2.4064973	21	3 1.1	18.2
92685 Cordellorenz	15.7	X	254.29906	32.73620	1.59557	7.01950	0.1921357	0.27481412	2.3430237	21	6 15.5	19.1
92686 2000 QQ_{73}	15.9	X	313.68967	293.71208	322.44531	6.00685	0.1020005	0.26820741	2.3813443	21	3 5.0	18.9
92687 2000 QD_{74}	16.3	X	247.97114	16.12943	262.66804	1.78415	0.1915197	0.26335000	2.4105372	21	1 14.8	20.3
92688 2000 QE_{74}	14.0	X	207.83655	105.34265	328.23082	12.27353	0.1613345	0.22620740	2.6676663	21	6 24.9	18.5
92689 2000 QK_{74}	16.3	X	142.58056	85.19232	220.16884	1.57496	0.1921367	0.25209246	2.4817773	21	—	—
92690 2000 QN_{74}	15.7	X	88.94575	219.36930	168.01122	10.42745	0.1790963	0.25232649	2.4802426	21	—	—
92691 2000 QD_{75}	16.5	X	136.29510	38.90284	338.02027	1.36036	0.2171180	0.25734945	2.4478636	21	2 7.3	19.8
92692 2000 QJ_{75}	16.4	X	210.21400	106.01352	183.99171	1.01379	0.1782274	0.25928750	2.4356507	21	—	—
92693 2000 QQ_{75}	16.5	X	154.62945	225.16403	157.94187	2.74091	0.2232850	0.26023154	2.4297565	21	3 5.1	20.3
92694 2000 QO_{77}	15.8	X	170.22305	81.90704	287.11186	1.57285	0.1958556	0.26098005	2.4251085	21	2 26.9	19.5
92695 2000 QB_{78}	15.6	X	274.53717	289.59626	160.06187	13.19794	0.1285869	0.23697744	2.5862155	21	10 8.5	18.8
92696 2000 QJ_{78}	15.7	X	182.37866	209.44687	166.39906	7.52636	0.0955891	0.26376615	2.4080011	21	3 13.9	19.2
92697 2000 QP_{78}	16.7	X	167.13249	39.50385	300.86803	1.65331	0.2114467	0.25791853	2.4442616	21	1 22.4	20.5
92698 2000 QT_{78}	15.4	X	278.26574	314.26982	328.61211	5.07507	0.1299253	0.26634684	2.3924214	21	2 22.0	18.8
92699 2000 QD_{80}	15.8	X	257.93015	162.50124	180.59666	6.91079	0.1286099	0.26978314	2.3720628	21	4 20.5	19.1
92700 2000 QT_{81}	16.1	X	298.97121	315.66223	318.17878	2.77313	0.1164218	0.26829202	2.3808436	21	3 7.8	19.0
92701 2000 QC_{82}	16.1	X	33.04764	191.57765	190.55703	2.13706	0.1631138	0.24410519	2.5356231	21	—	—
92702 2000 QT_{82}	15.7	X	345.96506	213.60235	176.64357	14.34709	0.1109186	0.23886259	2.5725903	21	11 17.9	18.8
92703 2000 QE_{83}	15.7	X	231.80290	5.04132	358.11423	1.95585	0.1734269	0.26836692	2.3804007	21	4 14.4	19.5
92704 2000 QK_{83}	15.1	X	22.26429	247.57599	162.12627	1.22866	0.1347163	0.24535480	2.5270064	21	—	—
92705 2000 QY_{83}	15.2	X	140.25285	298.36148	350.96507	8.82367	0.0391687	0.24696110	2.5160369	21	—	—
92706 2000 QL_{84}	15.2	X	324.61521	27.18150	318.46088	11.21510	0.1979877	0.23287910	2.6164697	21	7 24.2	17.8
92707 2000 QM_{84}	15.4	X	318.00690	16.94888	314.51703	7.24863	0.1955052	0.27799580	2.3251121	21	6 16.2	17.6
92708 2000 QB_{85}	15.6	X	110.18256	13.79237	292.27549	8.36265	0.0553506	0.24754887	2.5120527	21	—	—
92709 2000 QP_{86}	16.3	X	160.19057	65.70509	307.02248	7.85724	0.2270943	0.26026625	2.4295405	21	2 23.4	20.3
92710 2000 QL_{87}	15.2	X	202.87697	129.49064	302.67369	3.95684	0.1519367	0.27334421	2.3514159	21	6 16.8	18.7
92711 2000 QP_{88}	15.6	X	183.29731	184.90862	195.82099	6.15507	0.1047728	0.26504500	2.4002490	21	3 20.3	19.0
92712 2000 QQ_{88}	15.8	X	304.88640	254.19562	174.10244	14.76243	0.1130792	0.23915769	2.5704736	21	10 30.5	18.8
92713 2000 QR_{88}	15.8	X	9.97236	141.67439	179.53390	9.75839	0.0937590	0.23566554	2.5958046	21	9 16.7	18.6
92714 2000 QB_{89}	14.8	X	325.64593	139.90406	243.24041	4.02303	0.1667454	0.28317094	2.2966964	21	10 2.2	16.7
92715 2000 QJ_{90}	16.0	X	102.61056	95.63453	197.90865	4.66842	0.2142397	0.24572028	2.5245000	21	12 21.4	20.3
92716 2000 QP_{91}	16.0	X	333.31744	110.27794	312.33723	4.03163	0.2362775	0.23945699	2.5683312	21	12 15.0	17.8
92717 2000 QU_{91}	16.0	X	281.98268	66.00838	198.36789	3.33453	0.1302925	0.26576234	2.3959279	21	2 1.6	19.5
92718 2000 QG_{92}	16.1	X	39.63446	89.99640	274.30023	2.61531	0.2637822	0.24298993	2.5433758	21	—	—
92719 2000 QX_{92}	15.0	X	37.22431	344.08050	239.06204	2.07472	0.1891899	0.27443779	2.3451652	21	6 23.7	16.9
92720 2000 QH_{93}	14.3	X	313.69586	27.30591	10.00462	29.17816	0.1133291	0.23395703	2.6084268	21	9 29.8	17.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92721 2000 QX_{93}	15.5	X	119.25056	263.11346	241.18883	3.33777	0.0697785	0.27383735	2.3485921	21	6 16.9	18.4
92722 2000 QY_{94}	15.6	X	303.09594	120.12271	346.74204	0.25895	0.0225516	0.24512048	2.5286166	21	12 23.2	18.5
92723 2000 QH_{96}	15.7	X	171.32005	1.94295	31.86917	2.77704	0.2084768	0.26325418	2.4111221	21	4 1.2	19.6
92724 2000 QZ_{96}	14.4	X	208.37693	73.75603	5.67986	12.27985	0.1426333	0.22634380	2.6665945	21	7 4.3	18.9
92725 2000 QD_{97}	15.8	X	136.11201	238.42485	133.71072	5.26886	0.1931490	0.25633858	2.4542948	21	1 28.9	19.1
92726 2000 QF_{97}	16.2	X	207.01656	278.01399	45.51799	3.52672	0.1709943	0.26134600	2.4228441	21	2 4.7	20.2
92727 2000 QV_{97}	15.6	X	151.63552	337.63453	24.92817	7.02221	0.1092890	0.25769002	2.4457064	21	1 25.9	19.1
92728 2000 QX_{98}	15.7	X	160.24472	316.76014	76.83718	4.49922	0.1559067	0.26177631	2.4201883	21	3 20.1	19.3
92729 2000 QX_{99}	15.9	X	196.53963	233.46086	65.36441	4.34783	0.1767142	0.25723490	2.4485903	21	—	—
92730 2000 QZ_{99}	16.0	X	23.68853	233.65518	101.34830	4.73239	0.2121116	0.23829953	2.5766411	21	11 17.3	18.9
92731 2000 QM_{100}	15.1	X	103.81956	142.89128	23.54013	7.13489	0.0499654	0.27240574	2.3568135	21	6 24.5	18.2
92732 2000 QP_{100}	15.1	X	242.39538	55.48028	32.93243	5.68455	0.1100689	0.27859420	2.3217814	21	8 30.0	18.1
92733 2000 QB_{101}	15.5	X	177.31140	176.20319	132.67205	9.24254	0.1520811	0.25533947	2.4606929	21	—	—
92734 2000 QE_{101}	15.6	X	258.64337	249.23381	67.73137	5.15975	0.2210980	0.26757985	2.3850662	21	3 12.1	19.4
92735 2000 QJ_{101}	15.8	X	100.04857	260.13053	148.94153	13.85732	0.1455364	0.25507353	2.4624029	21	1 22.2	18.7
92736 2000 QM_{102}	15.5	X	341.76608	261.53451	117.65244	4.35880	0.2291731	0.23586943	2.5943085	21	10 29.2	17.5
92737 2000 QR_{102}	15.3	X	3.25780	319.97091	17.44762	12.21899	0.1713857	0.23512750	2.5997630	21	10 6.9	17.7
92738 2000 QN_{104}	14.8	X	174.13919	332.94871	21.15279	12.47874	0.2419375	0.25919986	2.4361997	21	2 21.3	19.0
92739 2000 QZ_{105}	15.3	X	26.39234	255.84561	152.65706	14.18501	0.0423115	0.24518692	2.5281598	21	—	—
92740 2000 QK_{106}	16.1	X	138.36257	151.65190	271.39796	1.17992	0.1613469	0.26383491	2.4075827	21	4 1.3	19.5
92741 2000 QN_{106}	15.8	X	124.28283	312.50920	97.03667	0.65227	0.1230220	0.26077477	2.4263810	21	2 22.0	18.9
92742 2000 QC_{108}	16.7	X	122.74913	251.40872	130.40623	3.21298	0.1817482	0.25646953	2.4534594	21	1 23.8	19.9
92743 2000 QP_{108}	15.5	X	68.07658	33.17970	65.72691	4.92680	0.0933327	0.25971421	2.4329821	21	2 3.6	18.2
92744 2000 QV_{108}	15.3	X	326.58769	295.66093	151.39304	15.32524	0.0691780	0.24487713	2.5302915	21	12 30.9	18.6
92745 2000 QW_{108}	16.1	X	211.33833	253.34997	119.43504	3.51457	0.1775615	0.26714308	2.3876652	21	4 10.1	19.9
92746 2000 QK_{110}	15.8	X	208.41760	288.14962	169.53810	4.94197	0.0967812	0.27798944	2.3251476	21	7 29.6	19.0
92747 2000 QQ_{110}	15.4	X	96.03801	279.11247	168.58877	2.12473	0.1885781	0.26061650	2.4273633	21	3 17.4	17.9
92748 2000 QS_{111}	16.3	X	211.89201	69.64310	354.15340	2.81129	0.1705587	0.27244821	2.3565686	21	6 13.6	20.1
92749 2000 QT_{111}	15.3	X	231.47781	159.02633	13.42623	3.11127	0.0940407	0.24453559	2.5326470	21	12 1.7	18.8
92750 2000 QC_{112}	15.6	X	224.70171	346.18724	340.81967	2.65573	0.1931095	0.26434531	2.4044826	21	2 22.5	19.6
92751 2000 QM_{112}	16.0	X	181.91126	169.39791	171.60904	4.88146	0.1658908	0.25979441	2.4324813	21	2 1.1	19.8
92752 2000 QQ_{112}	15.0	X	202.21433	280.41704	169.12936	14.94999	0.1164445	0.22712843	2.6604497	21	7 9.6	19.4
92753 2000 QG_{113}	15.9	X	141.36719	171.06654	283.05544	2.67774	0.0872623	0.26876856	2.3780286	21	5 7.4	19.0
92754 2000 QY_{113}	15.7	X	60.54080	248.04189	280.55771	1.65559	0.1342051	0.26812052	2.3818588	21	5 5.0	18.2
92755 2000 QL_{115}	16.6	X	206.00738	117.70707	238.23279	4.50528	0.2375904	0.26480993	2.4016693	21	3 12.1	20.8
92756 2000 QA_{116}	16.0	X	202.05916	178.29021	190.33969	5.42898	0.1240699	0.26490716	2.4010816	21	3 25.3	19.7
92757 2000 QM_{118}	15.4	X	105.32554	84.65708	212.62527	5.96768	0.1804978	0.24558715	2.5254123	21	12 26.1	19.5
92758 2000 QE_{120}	15.1	X	139.94485	283.87068	204.30792	5.74588	0.0815367	0.27160370	2.3614509	21	6 21.9	18.4
92759 2000 QM_{120}	16.0	X	36.92211	329.82832	316.25596	4.72539	0.2586295	0.23572394	2.5953758	21	10 5.4	19.0
92760 2000 QK_{121}	15.5	X	218.78579	353.93679	313.85349	4.06210	0.1844019	0.26097502	2.4251397	21	1 25.9	19.6
92761 2000 QD_{122}	15.7	X	233.65124	72.24252	200.28767	6.84973	0.2232614	0.25931713	2.4354651	21	—	—
92762 2000 QF_{123}	15.4	X	260.99741	342.22657	331.44882	7.93410	0.1464556	0.26580640	2.3956632	21	3 11.8	19.0
92763 2000 QV_{123}	15.4	X	322.49120	177.60767	194.24998	13.89058	0.1449158	0.23174372	2.6250086	21	8 30.3	18.4
92764 2000 QE_{125}	16.0	X	164.34334	247.66957	214.63901	7.92863	0.1032094	0.27334257	2.3514254	21	6 16.5	19.4
92765 2000 QJ_{125}	16.0	X	67.34624	125.51025	242.52684	5.82084	0.1385997	0.24779475	2.5103907	21	—	—
92766 2000 QM_{125}	15.8	X	311.76301	218.52957	216.60929	4.91127	0.2761368	0.23746377	2.5826832	21	11 2.8	17.2
92767 2000 QF_{126}	16.0	X	251.82714	52.55725	218.60848	6.46260	0.1190946	0.26304330	2.4124106	21	1 10.9	19.7
92768 2000 QT_{126}	16.2	X	117.99561	192.51565	214.47650	5.54899	0.1234245	0.25844449	2.4409443	21	2 8.4	19.3
92769 2000 QZ_{126}	16.0	X	185.99963	146.70996	154.44168	6.36840	0.1376891	0.25824905	2.4421757	21	—	—
92770 2000 QO_{129}	16.7	X	157.77853	188.66067	192.50809	0.91006	0.1970822	0.25983536	2.4322258	21	3 3.1	20.4
92771 2000 QS_{132}	15.8	X	258.24758	342.67528	349.44823	7.29237	0.2631438	0.27076224	2.3663409	21	3 23.4	19.8
92772 2000 QW_{132}	15.0	X	199.48729	90.60763	344.85843	11.30126	0.0251721	0.27688727	2.3313137	21	6 22.7	18.2
92773 2000 QP_{133}	16.3	X	132.50806	295.31124	75.52306	2.25417	0.1984555	0.25745775	2.4471771	21	1 24.3	19.6
92774 2000 QU_{133}	15.5	X	77.08053	270.22476	128.80294	5.96395	0.2007489	0.25298194	2.4759566	21	—	—
92775 2000 QA_{134}	15.6	X	96.23424	58.35132	29.40179	2.09423	0.1585126	0.26264673	2.4148383	21	3 13.1	18.3
92776 2000 QB_{134}	15.9	X	128.11726	330.11245	44.59977	1.77480	0.2068696	0.25697081	2.4502676	21	1 25.4	19.2
92777 2000 QM_{134}	15.9	X	205.25588	52.48076	356.66062	3.79407	0.1691198	0.27152640	2.3618991	21	5 18.2	19.6
92778 2000 QE_{135}	14.8	X	314.04460	105.32243	336.76701	21.66782	0.1352871	0.24329110	2.5412764	21	11 25.4	18.1
92779 2000 QR_{135}	15.2	X	338.57181	226.80869	98.47093	5.88538	0.2026805	0.23269211	2.6178712	21	7 21.8	17.4
92780 2000 QZ_{136}	16.6	X	209.25134	297.79759	9.98784	6.42469	0.2144518	0.26096848	2.4251802	21	1 20.0	20.7
92781 2000 QA_{137}	15.1	X	125.36737	48.37907	15.52385	7.01558	0.1170867	0.26180916	2.4199858	21	3 14.9	18.3
92782 2000 QJ_{138}	15.7	X	248.39743	17.18817	7.42335	6.22059	0.1281015	0.27231438	2.3573406	21	6 2.2	19.1
92783 2000 QT_{140}	15.7	X	83.53446	187.64775	175.41609	11.59842	0.0901343	0.24785766	2.5099659	21	—	—
92784 2000 QA_{141}	14.9	X	318.71455	33.73323	4.57804	13.02230	0.1824141	0.23452065	2.6042459	21	10 1.2	17.4
92785 2000 QG_{143}	16.1	X	33.07812	195.60872	176.43776	6.36123	0.2238229	0.24222462	2.5487302	21	—	—
92786 2000 QJ_{143}	15.5	X	358.14286	27.87978	1.10561	14.00835	0.2044302	0.23905210	2.5712305	21	12 14.3	18.4
92787 2000 QE_{144}	16.0	X	126.03542	32.10727	41.53036	2.72780	0.1940586	0.26130698	2.4230853	21	4 6.9	19.2
92788 2000 QO_{144}	14.9	X	7.89465	77.42365	55.84007	4.75051	0.1223964	0.25458746	2.4655362	21	—	—
92789 2000 QF_{146}	15.4	X	95.83432	215.64504	50.39058	6.22606	0.1489317	0.23925575	2.5697712	21	11 6.9	19.2
92790 2000 QE_{149}	16.0	X	291.82910	312.04371	282.48723	2.04584	0.1768956	0.26321901	2.4113368	21	1 2.2	19.6
92791 2000 QX_{151}	15.5	X	94.07710	288.27204	337.85311	14.24126	0.1204762	0.23963205	2.5670803	21	10 26.4	19.5
92792 2000 QB_{152}	15.8	X	9.42117	57.91250	305.96760	2.93929	0.0917513	0.23862213	2.5743183	21	11 14.1	18.7
92793 2000 QD_{152}	16.0	X	182.33958	206.90348	131.37138	8.95395	0.2324965	0.25991748	2.4317134	21	2 3.1	20.1
92794 2000 QP_{152}	15.8	X	240.26204	163.37427	218.43620	6.06986	0.1759822	0.27388026	2.3483468	21	5 17.4	19.2
92795 2000 QA_{153}	15.9	X	231.41658	161.16884	165.40589	7.20777	0.1087099	0.26699122	2.3885705	21	3 1.6	19.4
92796 2000 QC_{153}	16.2	X	188.09507	198.37306	178.12016	6.43315	0.1270277	0.26639314	2.3921442	21	3 21.7	19.7
92797 2000 QF_{156}	15.2	X	250.26576	259.80579	184.35067	13.20348	0.0800031	0.23498140	2.6008405	21	8 30.5	18.9
92798 2000 QP_{156}	15.4	X	254.59552	175.25211	250.54319	8.01015	0.1816274	0.27878713	2.3207102	21	7 28.7	18.6
92799 2000 QX_{156}	15.7	X	26.78066	154.93498	216.82814	8.82528	0.1623400	0.24334226	2.5409202	21	12 31.7	19.1
92800 2000 QK_{158}	16.1	X	209.37606	110.53443	206.33837	7.18368	0.2707376	0.26244594	2.4160698	21	1 27.9	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92801 2000 QC_{159}	16.0	X	226.17726	124.36484	288.00102	7.44179	0.1491167	0.27388627	2.3483124	21	6 14.4	19.6
92802 2000 QN_{161}	16.0	X	215.58351	87.03734	204.79768	6.72243	0.1263429	0.26097809	2.4251206	21	1 1.9	19.8
92803 2000 QO_{161}	15.9	X	229.06741	201.90864	200.30911	6.22623	0.1358438	0.27461225	2.3441718	21	6 5.3	19.3
92804 2000 QA_{163}	15.9	X	210.65427	142.30665	259.74582	6.33978	0.1025149	0.27166044	2.3611221	21	5 16.7	19.2
92805 2000 QH_{163}	15.8	X	243.27290	327.90858	264.68416	7.95794	0.2002829	0.25737985	2.4476709	21	—	—
92806 2000 QZ_{163}	15.7	X	280.25275	314.92818	266.73549	8.79247	0.0780496	0.26037204	2.4288824	21	—	—
92807 2000 QK_{165}	16.4	X	201.91847	115.61590	231.94347	3.10685	0.1994053	0.26353699	2.4093968	21	2 27.0	20.3
92808 2000 QE_{166}	15.2	X	144.74484	228.04514	279.79001	6.43621	0.1251374	0.27622325	2.3350484	21	7 27.1	18.5
92809 2000 QM_{166}	15.7	X	285.45704	79.12970	212.30213	5.95704	0.1162366	0.26853018	2.3794357	21	3 13.3	19.0
92810 2000 QN_{166}	15.2	X	172.20017	247.65605	318.71764	11.55938	0.0949403	0.24219935	2.5489074	21	11 2.8	19.2
92811 2000 QF_{167}	15.7	X	240.84213	237.02644	188.42360	6.58693	0.0995362	0.27735040	2.3287178	21	7 23.2	19.0
92812 2000 QY_{169}	16.4	X	173.46086	251.29251	193.92977	7.16427	0.1908879	0.26946515	2.3739285	21	6 6.7	20.3
92813 2000 QO_{170}	14.8	X	133.03702	174.01536	315.65963	6.05484	0.0904359	0.27173308	2.3607013	21	6 16.5	18.0
92814 2000 QZ_{171}	16.3	X	96.31939	209.69873	179.67457	14.35843	0.1707727	0.25261234	2.4783712	21	—	—
92815 2000 QC_{172}	16.1	X	195.53779	99.33780	305.66572	2.28468	0.1607303	0.26753046	2.3853598	21	5 4.1	19.9
92816 2000 QE_{173}	15.7	X	247.27271	120.86673	208.60008	5.86466	0.1186980	0.26855756	2.3792740	21	3 20.1	19.1
92817 2000 QO_{173}	15.8	X	359.29616	335.79254	282.33715	6.42126	0.0844644	0.27500596	2.3419340	21	5 24.3	18.3
92818 2000 QW_{174}	15.5	X	71.85842	234.01234	229.33104	2.50886	0.0989624	0.26164847	2.4209766	21	2 13.2	18.2
92819 2000 QE_{175}	16.0	X	281.68932	15.57409	251.82439	4.26367	0.1333675	0.26619904	2.3933069	21	2 4.3	19.6
92820 2000 QX_{175}	15.9	X	309.10921	331.05519	298.17246	3.76885	0.1612082	0.26954869	2.3734380	21	3 6.9	19.1
92821 2000 QZ_{176}	15.6	X	308.66763	97.96476	327.01768	13.16464	0.1306648	0.23869542	2.5737913	21	10 19.7	18.7
92822 2000 QD_{177}	16.0	X	32.23110	219.87325	174.13510	8.96533	0.2330774	0.24500717	2.5293961	21	—	—
92823 2000 QM_{177}	15.9	X	7.34799	225.12877	188.79914	9.27355	0.0690094	0.24486590	2.5303689	21	—	—
92824 2000 QP_{177}	16.3	X	130.49677	174.08019	225.77481	2.67214	0.1678314	0.25918449	2.4362960	21	2 22.0	19.7
92825 2000 QQ_{177}	16.0	X	102.84332	256.76839	189.00718	4.52358	0.1667365	0.26110835	2.4243140	21	3 20.3	18.8
92826 2000 QL_{179}	16.0	X	249.40339	267.95641	352.03510	14.43824	0.0971018	0.25881311	2.4386260	21	—	—
92827 2000 QJ_{182}	15.7	X	297.65613	327.80855	63.89477	5.84123	0.1290274	0.23161642	2.6259704	21	8 23.6	18.9
92828 2000 QQ_{182}	14.2	X	230.17902	125.83675	37.57530	5.90812	0.1847665	0.18423636	3.0588099	21	10 30.3	18.9
92829 2000 QS_{182}	15.1	X	182.91344	119.47643	309.58704	4.38816	0.1100006	0.21486301	2.7607576	21	5 24.8	19.5
92830 2000 QX_{182}	14.7	X	60.86300	246.84316	158.91142	4.20603	0.1822206	0.24488820	2.5302153	21	—	—
92831 2000 QZ_{182}	15.6	X	295.40570	126.32742	321.30433	9.10148	0.2020136	0.23828130	2.5767725	21	10 20.9	18.5
92832 2000 QQ_{183}	16.2	X	282.56927	193.79006	101.05420	4.00758	0.1755641	0.27104793	2.3646779	21	3 10.6	19.5
92833 2000 QK_{184}	15.8	X	158.68389	7.64951	14.74929	6.95984	0.1541104	0.26250155	2.4157286	21	3 3.9	19.4
92834 2000 QD_{185}	14.7	X	216.85092	90.73742	4.59909	6.44974	0.1165219	0.27944163	2.3170851	21	8 6.9	17.9
92835 2000 QF_{185}	15.6	X	76.53492	308.20167	73.26132	3.72854	0.0899807	0.25195040	2.4827101	21	—	—
92836 2000 QN_{187}	15.6	X	179.17701	204.39178	103.05137	8.95611	0.1266832	0.25708889	2.4495173	21	—	—
92837 2000 QP_{187}	16.1	X	170.24580	294.49123	114.57802	6.09029	0.3025818	0.26468695	2.4024131	21	4 25.4	20.5
92838 2000 QB_{188}	16.2	X	229.91013	276.85895	73.62520	3.59659	0.2090007	0.26777671	2.3838972	21	3 28.6	20.0
92839 2000 QK_{189}	15.9	X	192.74427	295.06576	74.45584	7.54142	0.1121143	0.26513880	2.3996829	21	3 21.2	19.5
92840 2000 QA_{190}	15.9	X	119.26799	39.87692	33.89149	5.67082	0.1932116	0.26192317	2.4192836	21	3 31.0	19.1
92841 2000 QH_{190}	15.7	X	159.19924	289.10101	111.47380	7.82275	0.1105632	0.26411584	2.4058751	21	3 25.2	19.2
92842 2000 QA_{194}	15.7	X	190.45695	269.77047	122.81859	6.84290	0.2126199	0.26615347	2.3935801	21	4 18.5	19.7
92843 2000 QP_{194}	14.9	X	104.80527	321.89990	181.42539	9.34993	0.0907148	0.22254704	2.6968379	21	6 2.6	18.8
92844 2000 QB_{195}	15.7	X	199.22442	348.98142	126.30159	6.09620	0.1121485	0.28053975	2.3110346	21	8 12.9	19.0
92845 2000 QJ_{195}	15.2	X	53.49976	355.23127	98.18138	5.88823	0.1664122	0.25804865	2.4434398	21	1 2.7	17.2
92846 2000 QW_{195}	15.1	X	182.59505	336.37927	143.74372	7.85976	0.1164468	0.27636957	2.3342242	21	7 30.7	18.5
92847 2000 QF_{196}	15.5	X	105.92110	342.57625	136.60654	6.53045	0.0880572	0.26686135	2.3893454	21	4 30.1	18.5
92848 2000 QW_{197}	16.5	X	148.94946	254.21178	123.96821	3.60134	0.1850518	0.25965213	2.4333698	21	2 18.5	20.0
92849 2000 QC_{198}	16.1	X	192.30169	63.76106	3.50341	5.05045	0.1664673	0.27124772	2.3635166	21	5 29.7	19.8
92850 2000 QM_{198}	16.0	X	95.99942	309.80065	86.81134	3.65765	0.1922982	0.25425867	2.4676612	21	1 7.4	18.4
92851 2000 QU_{199}	15.2	X	86.58766	63.80132	40.76580	2.56228	0.1164742	0.26290095	2.4132813	21	3 15.4	17.9
92852 2000 QA_{200}	15.8	X	158.89279	275.98189	56.74332	2.72601	0.0896535	0.25661133	2.4525554	21	—	—
92853 2000 QT_{202}	15.5	X	217.73270	71.67375	22.58367	5.68174	0.0945399	0.27811724	2.3244352	21	8 8.7	18.7
92854 2000 QL_{204}	15.0	X	249.00049	116.63128	16.84016	9.81162	0.0643194	0.23953653	2.5677627	21	11 5.4	18.4
92855 2000 QW_{204}	16.9	X	142.99158	8.60509	328.54990	2.19423	0.1867918	0.25432685	2.4672202	21	—	—
92856 2000 QG_{205}	14.8	X	297.03271	283.05452	193.60887	3.62836	0.1205226	0.24328016	2.5413526	21	12 20.8	17.6
92857 2000 QQ_{205}	15.6	X	99.06513	294.84701	151.86787	2.35323	0.1834387	0.25946665	2.4345294	21	3 20.2	18.4
92858 2000 QV_{205}	15.6	X	126.71186	279.00625	355.13384	14.47503	0.1487921	0.24518085	2.5282015	21	12 15.6	19.9
92859 2000 QE_{206}	16.1	X	219.83196	347.01284	351.18237	6.28606	0.1172112	0.26393455	2.4069767	21	3 5.4	19.8
92860 2000 QP_{206}	15.5	X	167.80285	57.13395	5.57402	4.52020	0.1259109	0.26615352	2.3935798	21	4 28.3	19.0
92861 2000 QS_{206}	15.9	X	98.81273	29.29787	63.89896	2.14963	0.1505939	0.26036146	2.4289482	21	3 23.9	18.8
92862 2000 QP_{208}	15.5	X	167.93225	330.55235	70.20465	3.15890	0.1836141	0.26267745	2.4146500	21	4 6.4	19.2
92863 2000 QQ_{208}	15.3	X	123.63592	45.75858	58.00555	4.15878	0.0564790	0.26557752	2.3970394	21	4 25.8	18.4
92864 2000 QJ_{209}	15.6	X	65.03429	317.54778	165.85828	6.15269	0.0696659	0.26339468	2.4102646	21	2 27.9	18.1
92865 2000 QH_{211}	16.2	X	306.47491	23.82232	7.54702	9.32493	0.1194679	0.23297650	2.6157404	21	9 8.0	19.1
92866 2000 QD_{212}	15.3	X	267.75021	310.38029	161.58839	14.25466	0.1093375	0.23995029	2.5648100	21	11 2.4	18.7
92867 2000 QU_{212}	16.0	X	65.83255	350.70046	330.01050	0.79376	0.1200703	0.24250909	2.5467367	21	12 9.6	19.6
92868 2000 QB_{213}	14.8	X	181.05536	145.23296	358.09972	12.51717	0.1524396	0.23209735	2.6223416	21	8 29.8	19.0
92869 2000 QP_{213}	15.9	X	217.57602	318.30213	4.13735	6.14154	0.1380708	0.26263889	2.4148863	21	2 13.0	19.7
92870 2000 QH_{214}	16.1	X	10.56054	241.41734	112.47211	3.34423	0.1808576	0.23853188	2.5749676	21	11 16.3	18.7
92871 2000 QK_{214}	16.5	X	231.46516	248.85392	50.88428	3.28724	0.2260416	0.26296976	2.4128603	21	1 26.8	20.5
92872 2000 QN_{214}	16.3	X	198.07400	235.11751	83.97312	2.29254	0.1965898	0.25997435	2.4313588	21	1 22.7	20.3
92873 2000 QW_{214}	16.0	X	220.27748	303.24358	14.31712	6.56040	0.1226136	0.26220773	2.4175329	21	2 10.2	19.7
92874 2000 QT_{215}	15.2	X	328.32800	289.70370	155.99737	6.39547	0.1249710	0.24269522	2.5454343	21	—	—
92875 2000 QZ_{216}	15.7	X	300.47841	65.20273	27.87263	5.46623	0.2758859	0.23753095	2.5821962	21	11 1.7	17.9
92876 2000 QY_{217}	13.8	X	85.59971	122.48105	40.28942	9.68534	0.0948078	0.21244170	2.7816952	21	6 1.6	17.6
92877 2000 QC_{218}	14.2	X	37.84480	77.43149	34.71151	2.20597	0.0622557	0.20047432	2.8913248	21	1 17.3	17.7
92878 2000 QK_{218}	16.2	X	3.24456	163.92776	124.55462	4.40327	0.1096224	0.28093119	2.3088873	21	7 20.9	18.2
92879 2000 QV_{218}	16.2	X	164.20592	283.34321	117.77261	3.51892	0.2157001	0.26556044	2.3971422	21	4 5.6	20.1
92880 2000 QC_{219}	16.7	X	130.45940	37.37235	310.18133	1.15429	0.2291472	0.25543404	2.4600855	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92881 2000 QK_{219}	15.6	X	263.32732	292.69950	110.69897	5.80414	0.2114902	0.23108207	2.6300170	21	7 6.4	19.2
92882 2000 QQ_{224}	15.8	X	234.44974	347.59191	53.25105	3.12676	0.2244653	0.22194771	2.7016906	21	6 2.9	20.3
92883 2000 QZ_{224}	16.2	X	148.97391	239.24912	177.57559	2.05405	0.1967637	0.26451936	2.4034278	21	4 8.7	19.7
92884 2000 QY_{225}	15.5	X	259.89332	202.47326	234.46345	2.69493	0.0979582	0.23282082	2.6169063	21	8 31.4	19.1
92885 2000 QE_{228}	16.3	X	146.63092	180.48436	193.81301	5.38197	0.1930732	0.25931998	2.4354472	21	2 9.9	19.9
92886 2000 QS_{229}	16.3	X	171.47687	345.06178	30.25240	2.19443	0.1995029	0.26147818	2.4220276	21	3 9.4	20.0
92887 2000 QP_{230}	15.8	X	128.32312	148.37002	128.21809	4.95506	0.1220275	0.24571284	2.5245510	21	12 20.6	19.8
92888 2000 QU_{230}	15.5	X	7.47354	283.57545	34.86878	11.73939	0.2027326	0.23360220	2.6110675	21	9 25.2	18.0
92889 2000 QZ_{230}	16.1	X	9.24887	17.22112	21.74314	4.91399	0.1739820	0.24117748	2.5561022	21	—	—
92890 2000 QB_{232}	15.8	X	245.69878	144.29171	342.11607	21.92627	0.1186347	0.23809902	2.5780874	21	10 6.4	19.7
92891 Bless	16.0	X	56.13507	275.73255	311.45547	6.04880	0.0692770	0.28095494	2.3087572	21	7 16.8	18.4
92892 2000 QO_{244}	15.3	X	232.54932	199.65678	282.90254	4.32771	0.1197608	0.28706641	2.2758718	21	9 28.0	18.3
92893 Michaelperson	16.2	X	253.74588	75.66424	191.43555	2.02988	0.1693179	0.26144145	2.4222544	21	1 6.8	19.9
92894 2000 QA_{248}	16.6	X	151.58383	142.92686	324.62439	4.80062	0.1813964	0.27215316	2.3582714	21	6 14.2	20.4
92895 2000 QU_{250}	16.4	X	227.66738	318.67715	4.24561	3.55434	0.1312640	0.26565550	2.3965703	21	2 21.9	20.1
92896 2000 QW_{250}	15.4	X	210.90906	35.05874	22.58519	6.65162	0.1171015	0.27392643	2.3480829	21	6 5.9	18.8
92897 2000 RV	15.0	X	14.86331	322.81874	12.31166	12.20387	0.1135928	0.23596929	2.5935765	21	10 15.7	17.9
92898 2000 RS_{3}	15.9	X	309.68017	188.24519	164.92326	6.86970	0.2308850	0.22925863	2.6439440	21	6 28.5	18.9
92899 2000 RW_{4}	14.3	X	36.98167	242.34131	7.43168	22.30014	0.1395604	0.22826942	2.6515769	21	8 7.9	17.9
92900 2000 RZ_{4}	14.4	X	209.78159	111.59792	12.30341	9.62021	0.0396033	0.23143187	2.6273662	21	9 11.3	18.1
92901 2000 RE_{5}	14.5	X	228.04585	62.63616	22.80734	22.33287	0.0568099	0.22722891	2.6596654	21	8 21.6	18.7
92902 2000 RF_{5}	15.4	X	85.41083	286.87855	45.14894	14.05633	0.2201426	0.24384839	2.5374030	21	—	—
92903 2000 RO_{5}	14.6	X	182.67832	76.63566	6.90921	12.38286	0.1019247	0.26838060	2.3803197	21	6 9.7	18.3
92904 2000 RO_{6}	15.1	X	258.34390	210.13992	189.16495	13.42463	0.1580744	0.22569740	2.6716835	21	7 1.0	19.3
92905 2000 RT_{6}	15.4	X	13.11920	197.82211	194.83788	15.94727	0.1155392	0.23985080	2.5655192	21	12 31.1	18.9
92906 2000 RW_{6}	15.1	X	341.82477	196.40914	190.76580	14.14505	0.1137307	0.23499818	2.6007167	21	11 4.6	18.0
92907 2000 RK_{7}	14.3	X	10.82217	326.09726	27.41776	22.54173	0.0697959	0.23448552	2.6045060	21	10 28.2	17.5
92908 2000 RO_{7}	15.1	X	352.87976	315.66853	50.60517	2.92482	0.1901115	0.23407357	2.6075609	21	10 29.9	17.4
92909 2000 RV_{8}	14.8	X	169.13236	339.54817	59.85008	9.19440	0.1888411	0.21093406	2.7949341	21	4 12.1	19.5
92910 2000 RJ_{10}	14.8	X	316.38021	239.63776	207.68261	10.79962	0.1942140	0.23426216	2.6061613	21	12 9.7	17.3
92911 2000 RN_{10}	15.0	X	350.03284	346.99674	51.18094	14.02942	0.2369352	0.23431724	2.6057529	21	12 13.9	17.4
92912 2000 RP_{10}	15.3	X	27.34886	218.00712	188.90937	1.71112	0.2282447	0.23983414	2.5656380	21	—	—
92913 2000 RH_{11}	15.6	X	48.68361	298.78350	62.01549	5.64556	0.2384793	0.23934543	2.5691293	21	—	—
92914 2000 RG_{13}	16.5	X	231.92787	97.28288	187.66939	5.62871	0.1527095	0.26068122	2.4269615	21	1 8.9	20.4
92915 2000 RW_{13}	14.6	X	103.90994	239.43390	282.60285	10.38401	0.1311257	0.22643024	2.6659158	21	7 1.0	18.3
92916 2000 RW_{14}	15.5	X	239.98815	128.58036	237.04829	7.11366	0.1350759	0.27033477	2.3688348	21	4 27.8	18.9
92917 2000 RF_{15}	16.1	X	91.21563	129.91779	239.32393	6.28631	0.0751333	0.25125278	2.4873036	21	—	—
92918 2000 RM_{17}	16.0	X	179.87276	145.71072	244.20688	6.13445	0.1282208	0.26458813	2.4030113	21	3 28.0	19.6
92919 2000 RR_{17}	15.2	X	162.91324	135.32639	229.60409	7.17263	0.0501107	0.25985765	2.4320867	21	1 29.9	18.6
92920 2000 RA_{19}	15.7	X	230.49382	92.35565	269.73701	5.91870	0.1606214	0.26819882	2.3813952	21	4 10.2	19.5
92921 2000 RW_{19}	15.2	X	169.66349	172.99239	248.59944	5.70436	0.1522896	0.26638717	2.3921800	21	4 30.4	18.9
92922 2000 RX_{20}	15.9	X	215.53165	8.50657	300.02483	6.39520	0.1099296	0.26023891	2.4297107	21	1 22.9	19.6
92923 2000 RB_{21}	15.8	X	87.74096	104.55122	231.63660	4.13213	0.1717768	0.24677479	2.5173032	21	—	—
92924 2000 RH_{21}	15.3	X	210.30359	354.42193	281.66071	5.52237	0.1237955	0.25566563	2.4585996	21	—	—
92925 2000 RO_{22}	14.3	X	161.17969	302.43712	186.91509	25.30077	0.2288928	0.22470638	2.6795330	21	7 19.3	19.4
92926 2000 RX_{22}	15.2	X	307.53002	277.58128	196.82183	9.01232	0.1520167	0.24299315	2.5433533	21	—	—
92927 2000 RH_{23}	15.6	X	290.56159	180.43266	255.33125	2.42508	0.2344294	0.23398764	2.6081993	21	9 22.2	18.6
92928 2000 RP_{23}	14.8	X	305.79001	248.87899	191.55834	14.66978	0.1440234	0.23808147	2.5782141	21	11 14.1	17.6
92929 2000 RN_{25}	15.5	X	100.44115	182.53557	274.30003	5.12656	0.0889412	0.26194261	2.4191638	21	3 16.8	18.6
92930 2000 RH_{26}	15.2	X	307.23492	165.65858	198.26855	13.41374	0.2397817	0.23081306	2.6320601	21	7 6.4	18.4
92931 2000 RM_{26}	15.5	X	31.98149	2.60000	321.58938	13.17761	0.1778972	0.23827761	2.5767991	21	11 2.2	18.9
92932 2000 RO_{27}	15.3	X	152.92825	125.61382	224.68559	7.44547	0.1722582	0.25628760	2.4546203	21	1 15.4	19.0
92933 2000 RS_{29}	15.2	X	271.56654	206.50418	209.73636	13.10620	0.2270853	0.22976822	2.6400333	21	7 27.2	19.1
92934 2000 RV_{29}	14.7	X	96.69997	209.84133	310.90559	9.29313	0.0990586	0.22281247	2.6946956	21	6 15.6	18.4
92935 2000 RX_{31}	15.3	X	214.90386	124.47668	326.84189	9.87352	0.1291374	0.22705461	2.6610263	21	7 27.2	19.3
92936 2000 RQ_{32}	15.7	X	314.30588	1.83765	314.70775	6.07361	0.2892562	0.22747414	2.6577535	21	5 1.6	19.0
92937 2000 RZ_{32}	15.5	X	149.82452	175.35144	206.52850	6.34346	0.1578375	0.25829079	2.4419125	21	2 18.4	19.1
92938 2000 RA_{33}	15.1	X	267.07707	243.20275	191.34229	21.68831	0.0426051	0.23298560	2.6156723	21	9 14.9	18.6
92939 2000 RC_{33}	14.8	X	271.79854	233.14119	201.15406	14.02385	0.1495868	0.23186099	2.6241234	21	9 2.7	18.5
92940 2000 RX_{33}	14.7	X	25.02982	277.57193	0.84763	13.31292	0.1431706	0.23004806	2.6378919	21	8 22.6	17.7
92941 2000 RP_{34}	15.1	X	309.92901	164.54640	305.38632	6.94292	0.1165340	0.24230599	2.5481596	21	—	—
92942 2000 RC_{35}	14.7	X	58.68996	210.58485	2.06035	13.83332	0.1105884	0.22406410	2.6846512	21	7 7.7	18.3
92943 2000 RD_{38}	15.1	X	217.23900	275.12703	159.75082	3.05424	0.0169512	0.22675255	2.6633889	21	7 15.5	18.6
92944 2000 RK_{38}	15.9	X	71.45732	314.72185	35.91723	2.46761	0.1411385	0.24483015	2.5306152	21	—	—
92945 2000 RQ_{39}	14.6	X	69.98904	271.35416	49.26398	15.44029	0.1671421	0.23674263	2.5879253	21	12 17.1	18.6
92946 2000 RC_{40}	15.3	X	46.59371	36.64990	279.30022	8.28314	0.0641697	0.23767975	2.5811184	21	10 28.3	18.8
92947 2000 RO_{41}	14.3	X	217.68376	120.98504	327.58233	11.72017	0.2644627	0.22495109	2.6775894	21	7 18.1	19.0
92948 2000 RQ_{41}	14.7	X	37.63895	227.64125	325.63971	11.53875	0.1048887	0.21884947	2.7271292	21	4 27.2	18.1
92949 2000 RS_{41}	14.5	X	326.18881	226.93446	312.15555	8.45407	0.0717726	0.25464697	2.4651521	21	—	—
92950 2000 RD_{42}	15.5	X	231.41505	91.60113	256.88774	6.27921	0.0729263	0.26528481	2.3988023	21	3 29.0	18.9
92951 2000 RG_{42}	14.2	X	111.35102	189.40081	329.98136	12.68563	0.0436446	0.22338336	2.6901026	21	6 26.0	18.1
92952 2000 RU_{42}	15.2	X	107.76149	227.66816	241.84692	7.56597	0.1845450	0.26147908	2.4220220	21	4 30.5	18.4
92953 2000 RL_{43}	16.4	X	301.09018	41.67800	330.13199	11.46957	0.3108198	0.22942578	2.6426597	21	6 28.5	19.7
92954 2000 RG_{44}	15.5	X	284.96689	45.06975	345.18120	13.63512	0.1269604	0.22830495	2.6513018	21	8 3.2	19.0
92955 2000 RK_{44}	14.4	X	194.96605	255.60770	344.28064	12.03101	0.0740042	0.24491992	2.5299968	21	—	—
92956 2000 RC_{45}	14.1	X	62.70670	306.41504	338.50523	7.54108	0.0261244	0.23350899	2.6117622	21	10 2.9	17.7
92957 2000 RD_{45}	14.6	X	298.84247	314.21604	313.03865	5.90926	0.0775544	0.26317672	2.4115951	21	3 4.2	17.8
92958 2000 RP_{46}	14.5	X	167.73711	268.29155	354.38235	11.20138	0.1432212	0.24379339	2.5377846	21	—	—
92959 2000 RA_{47}	15.5	X	197.88158	22.46219	346.91094	7.50428	0.1676662	0.26252807	2.4155659	21	3 22.1	19.4
92960 2000 RE_{47}	15.4	X	14.30273	321.43770	3.78117	13.89566	0.2709937	0.23482982	2.6019596	21	10 21.1	18.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
92961 2000 RM_{47}	14.5	X	239.02433	109.70675	8.91855	12.58285	0.1393953	0.23079198	2.6322203	21	9 25.8	18.1
92962 2000 RD_{48}	14.9	X	244.59514	88.96386	343.50377	10.69218	0.0664858	0.22672888	2.6635744	21	8 13.6	18.7
92963 2000 RN_{48}	14.5	X	334.56203	116.35784	309.22161	9.97927	0.1129875	0.23699246	2.5861062	21	12 13.9	17.4
92964 2000 RR_{48}	14.6	X	128.77490	278.06608	357.73939	11.94191	0.2022589	0.24082974	2.5585621	21	12 20.4	19.2
92965 2000 RQ_{49}	13.8	X	119.36581	227.48914	24.45636	13.62659	0.1200816	0.23603711	2.5930797	21	11 7.5	17.8
92966 2000 RK_{50}	14.8	X	357.83722	192.53010	212.32294	8.23635	0.1953784	0.23784188	2.5799453	21	—	—
92967 2000 RW_{50}	14.1	X	358.24494	69.62556	41.02345	13.28442	0.1291784	0.24471523	2.5314074	21	—	—
92968 2000 RA_{52}	14.7	X	354.60310	163.59802	264.90489	8.04647	0.0501154	0.18990506	2.9976323	21	12 31.6	18.8
92969 2000 RG_{55}	14.7	X	346.32602	110.64531	340.96071	12.62796	0.1176003	0.24110404	2.5566212	21	—	—
92970 2000 RY_{55}	16.2	X	118.98001	231.56863	177.98339	2.48335	0.1916395	0.25806024	2.4433667	21	2 25.1	19.2
92971 2000 RR_{56}	15.0	X	171.53725	18.95586	54.47126	3.42563	0.1614774	0.21439515	2.7647726	21	5 21.2	19.5
92972 2000 RZ_{59}	15.5	X	337.06679	244.79595	138.14435	3.43242	0.1615702	0.23347596	2.6120086	21	10 20.7	18.0
92973 2000 RN_{60}	14.3	X	148.78850	294.96838	325.95545	10.20681	0.0290789	0.24113383	2.5564107	21	12 22.8	17.9
92974 2000 RM_{61}	15.3	X	42.99840	271.20308	56.68902	13.68642	0.1880490	0.23403543	2.6078442	21	11 28.4	18.7
92975 2000 RC_{65}	14.6	X	119.27701	240.96753	236.44188	8.98516	0.1581606	0.26695551	2.3887835	21	5 22.4	17.9
92976 2000 RP_{65}	14.8	X	309.78681	274.00812	175.48258	12.87760	0.1515365	0.23829478	2.5766753	21	12 3.9	17.6
92977 2000 RW_{67}	15.0	X	314.40031	170.69058	195.78056	13.21973	0.1842865	0.22888276	2.6468378	21	7 31.5	18.2
92978 2000 RB_{68}	14.7	X	39.06523	349.47904	345.85261	6.44914	0.2700757	0.24289287	2.5440533	21	12 17.3	18.2
92979 2000 RS_{68}	14.0	X	247.83276	29.10919	39.21414	19.13545	0.0626631	0.22723238	2.6596383	21	8 20.7	18.1
92980 2000 RG_{69}	15.0	X	34.62580	222.10755	201.22513	1.65462	0.1310801	0.24731726	2.5136208	21	—	—
92981 2000 RH_{69}	15.9	X	344.10304	205.71165	162.62317	4.37274	0.2591063	0.23505277	2.6003141	21	10 18.4	17.6
92982 2000 RE_{71}	14.7	X	91.54254	147.60369	69.68181	3.58227	0.0114317	0.22870727	2.6481916	21	8 12.9	18.3
92983 2000 RB_{72}	15.3	X	288.57365	248.74961	181.40955	20.91875	0.1726931	0.23278539	2.6171718	21	9 22.2	18.4
92984 2000 RS_{72}	15.5	X	329.60665	230.56062	198.59737	3.87672	0.2236166	0.23645907	2.5899938	21	12 14.3	17.4
92985 2000 RY_{72}	16.4	X	127.89641	57.60277	290.16195	1.52161	0.1823534	0.25243565	2.4795275	21	—	—
92986 2000 RZ_{72}	15.0	X	100.30600	180.09371	290.67690	1.28712	0.1641432	0.26197746	2.4189493	21	4 19.6	17.9
92987 2000 RB_{73}	15.5	X	168.61324	257.62884	187.23604	4.35410	0.1963817	0.26726414	2.3869441	21	6 2.0	19.4
92988 2000 RJ_{73}	16.1	X	85.33317	276.89844	72.19482	2.81048	0.1595252	0.24740050	2.5130570	21	—	—
92989 2000 RR_{73}	14.7	X	64.84906	230.76819	18.19764	16.65159	0.1516334	0.23057071	2.6339041	21	9 15.5	18.3
92990 2000 RA_{74}	14.3	X	24.08661	17.86441	25.26527	14.47787	0.0688879	0.24189018	2.5510789	21	—	—
92991 2000 RB_{75}	15.2	X	13.14607	338.45210	121.55573	6.10454	0.0909202	0.25210312	2.4817073	21	—	—
92992 2000 RP_{75}	16.0	X	221.04490	352.28516	342.92233	6.56663	0.1356364	0.26296856	2.4128676	21	3 2.3	19.7
92993 2000 RA_{76}	13.9	X	275.46999	136.49443	338.33076	12.55562	0.1382449	0.23415917	2.6069254	21	11 2.1	17.3
92994 2000 RB_{76}	15.0	X	37.90286	93.55571	273.80249	9.91106	0.2086593	0.23960789	2.5672528	21	—	—
92995 2000 RZ_{77}	15.5	X	198.86965	178.97710	333.51497	13.99816	0.0523649	0.23598244	2.5934801	21	9 26.5	19.3
92996 2000 RE_{78}	15.3	X	134.85483	103.88372	282.02126	8.75873	0.1287317	0.25682597	2.4511888	21	2 3.2	18.7
92997 2000 RH_{78}	15.1	X	232.29636	212.01493	196.53951	5.59030	0.1899996	0.27096003	2.3651892	21	6 12.7	18.8
92998 2000 RL_{81}	15.1	X	270.79083	156.95743	229.72019	13.44406	0.1093670	0.22914172	2.6448432	21	7 5.3	18.9
92999 2000 RL_{82}	14.8	X	207.22184	195.13214	300.41482	11.65396	0.1502241	0.23366280	2.6106160	21	9 5.9	19.0
93000 2000 RJ_{83}	15.4	X	323.89917	143.09778	309.04322	12.04782	0.1215565	0.24267822	2.5455533	21	—	—
93001 2000 RD_{84}	15.9	X	174.20632	126.32269	301.87283	5.84631	0.0997377	0.27145864	2.3622921	21	5 10.2	19.4
93002 2000 RN_{85}	16.8	X	207.07083	322.68313	347.93984	2.26967	0.1898897	0.26105820	2.4246245	21	1 19.8	20.7
93003 2000 RY_{85}	15.0	X	233.94704	123.16497	17.64989	8.29709	0.0714648	0.23639947	2.5904291	21	10 26.1	18.4
93004 2000 RB_{86}	14.2	X	164.22773	230.01125	5.37758	13.49663	0.1075502	0.24147709	2.5539875	21	12 1.8	18.4
93005 2000 RG_{86}	15.5	X	348.99895	272.89463	164.26361	2.64532	0.0817302	0.24410447	2.5356281	21	—	—
93006 2000 RH_{86}	16.2	X	105.48216	20.88695	353.86267	3.17497	0.1127479	0.25193182	2.4828322	21	—	—
93007 2000 RN_{86}	14.7	X	157.85756	266.02464	299.93892	6.20200	0.1478282	0.23786014	2.5798132	21	10 19.4	19.0
93008 2000 RR_{86}	14.7	X	87.26300	197.79335	350.44044	13.14472	0.1837155	0.22519260	2.6756746	21	7 27.2	18.6
93009 2000 RA_{87}	15.3	X	349.39552	324.96372	230.61448	1.74020	0.1197161	0.26136712	2.4227136	21	2 1.7	18.0
93010 2000 RD_{87}	15.6	X	302.96852	258.99310	192.32683	5.70290	0.0575824	0.24041281	2.5615193	21	11 30.3	18.7
93011 2000 RL_{87}	16.3	X	66.66638	219.14340	156.30447	2.83953	0.1648896	0.24693014	2.5162472	21	—	—
93012 2000 RZ_{87}	15.7	X	24.12261	303.15067	243.47740	5.70607	0.0580102	0.26531711	2.3986076	21	3 20.7	18.4
93013 2000 RG_{89}	15.2	X	176.27057	283.56451	209.19635	13.93787	0.0491716	0.23030451	2.6359333	21	8 4.8	19.2
93014 2000 RY_{90}	15.5	X	333.13952	133.31836	213.18479	12.30007	0.1917874	0.23141375	2.6275034	21	8 7.4	18.3
93015 2000 RY_{91}	16.1	X	169.00518	99.34240	206.44158	6.36454	0.1441913	0.25291457	2.4763963	21	—	—
93016 2000 RA_{92}	15.9	X	164.63135	146.18458	216.17569	5.82291	0.1209973	0.25809152	2.4431693	21	2 5.9	19.5
93017 2000 RK_{92}	15.3	X	4.52328	2.09186	355.87101	14.24267	0.1766727	0.23578845	2.5949024	21	11 2.2	18.2
93018 2000 RT_{92}	15.6	X	156.07087	105.88549	343.05932	6.96943	0.0791131	0.26740973	2.3860777	21	5 15.8	19.1
93019 2000 RE_{94}	15.1	X	226.91419	178.51406	291.22737	2.95364	0.1867523	0.22942958	2.6426305	21	8 24.7	19.1
93020 2000 RY_{94}	14.8	X	266.47482	33.23238	38.93539	5.01518	0.0898282	0.23152531	2.6266592	21	9 7.9	18.2
93021 2000 RG_{95}	15.2	X	342.69067	318.38778	40.68109	4.22951	0.1535050	0.23383972	2.6092991	21	9 26.5	17.6
93022 2000 RM_{95}	16.1	X	54.26911	240.50155	106.52046	3.22121	0.1824403	0.24270305	2.5453796	21	—	—
93023 2000 RP_{95}	15.5	X	133.97038	238.47841	119.36714	3.55190	0.1854272	0.25389256	2.4700329	21	1 7.7	18.6
93024 2000 RX_{95}	15.7	X	293.99745	281.38801	136.35492	4.23297	0.1528135	0.23344957	2.6122054	21	9 18.7	18.6
93025 2000 RD_{96}	16.2	X	175.07648	183.80651	180.26770	6.61260	0.1734071	0.25998183	2.4313121	21	2 23.4	20.1
93026 2000 RT_{96}	14.2	X	197.29072	206.29078	272.32376	12.02524	0.2239150	0.22630920	2.6668663	21	8 3.9	19.0
93027 2000 RA_{97}	15.7	X	78.20764	46.46048	276.94668	15.03890	0.2323114	0.24489153	2.5301924	21	—	—
93028 2000 RF_{98}	13.8	X	345.72370	179.15507	274.65650	13.36163	0.0497400	0.24638553	2.5199538	21	—	—
93029 2000 RU_{98}	15.4	X	106.93378	7.50749	248.35970	12.92017	0.1175713	0.23948721	2.5681152	21	10 31.8	19.4
93030 2000 RC_{99}	14.7	X	162.53531	277.47811	277.61204	13.16919	0.0967600	0.23770183	2.5809586	21	10 7.3	18.9
93031 2000 RH_{100}	15.8	X	96.81770	88.01107	8.26598	10.28437	0.2252397	0.25930529	2.4355392	21	4 4.6	18.8
93032 2000 RG_{101}	14.1	X	188.94766	236.09690	297.04691	15.33673	0.0946678	0.23600789	2.5932937	21	10 5.3	18.3
93033 2000 RK_{102}	15.1	X	234.19262	132.52951	308.61619	11.46225	0.1272719	0.22808801	2.6529827	21	8 2.4	19.1
93034 2000 RN_{102}	15.0	X	208.17636	251.54336	208.54634	21.35461	0.0627311	0.22830756	2.6512816	21	7 28.4	19.3
93035 2000 RR_{103}	14.3	X	252.19866	154.42862	314.82122	11.17447	0.1221012	0.23382113	2.6094374	21	9 25.7	18.0
93036 2000 RW_{103}	15.3	X	327.71462	321.70401	355.87394	13.90192	0.1833216	0.22685162	2.6626135	21	6 16.9	18.4
93037 2000 RF_{104}	14.7	X	230.72950	175.46854	259.16303	12.14142	0.1274141	0.22642496	2.6659573	21	7 18.3	18.8
93038 2000 RL_{104}	14.8	X	251.54883	279.35787	223.19651	21.90129	0.2876562	0.28345305	2.2951723	21	10 25.9	17.7
93039 2000 RL_{106}	15.3	X	331.74503	34.11905	236.61752	13.71972	0.0718665	0.22241107	2.6979369	21	5 2.1	18.7
93040 2000 SG	14.0	X	140.93424	99.86262	333.57405	20.42110	0.3767445	0.25851490	2.4405010	21	4 26.2	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93041 2000 SU_{2}	15.1	X	262.60183	99.89399	201.65507	22.19443	0.2866055	0.26769677	2.3843717	21	2 12.5	19.7
93042 2000 SD_{4}	15.6	X	169.15520	31.54482	58.70176	3.08282	0.1709694	0.26756657	2.3851452	21	6 7.9	19.2
93043 2000 SF_{4}	14.4	X	37.08916	275.24320	48.53788	15.33064	0.0742221	0.23476350	2.6024497	21	10 31.7	17.7
93044 2000 SE_{6}	15.6	X	299.49300	322.24871	52.07852	16.60034	0.1567273	0.23048620	2.6345479	21	7 29.9	19.1
93045 2000 SF_{6}	14.6	X	260.77552	55.71333	67.30563	14.80730	0.1399396	0.23826683	2.5768768	21	11 2.5	17.9
93046 2000 SM_{6}	15.3	X	51.50386	266.41371	109.57653	15.82791	0.1768131	0.24476791	2.5310442	21	—	—
93047 2000 ST_{6}	15.5	X	200.82370	133.97559	294.36220	5.67414	0.0961598	0.27444384	2.3451307	21	6 11.0	18.9
93048 2000 SB_{7}	15.0	X	183.66929	281.40728	35.81280	23.15261	0.2275063	0.25894732	2.4377833	21	1 12.9	19.5
93049 2000 SL_{8}	15.6	X	46.33871	288.03327	77.42686	4.09130	0.1545397	0.24489646	2.5301584	21	—	—
93050 2000 SM_{8}	16.3	X	115.65014	226.56459	157.37723	9.99463	0.2245271	0.25510587	2.4621948	21	1 23.1	19.5
93051 2000 SP_{8}	15.8	X	325.62363	43.99061	12.01104	5.89791	0.1070894	0.23871344	2.5736618	21	11 13.6	18.5
93052 2000 SH_{9}	14.7	X	106.36920	358.93049	195.76439	33.16190	0.1496813	0.23015618	2.6370657	21	8 13.0	19.3
93053 2000 SR_{12}	15.3	X	25.12620	12.94943	119.46001	7.08725	0.0983530	0.25939898	2.4349527	21	1 6.7	17.7
93054 2000 SW_{12}	15.8	X	28.93767	124.62726	183.19610	4.64711	0.1536827	0.28681788	2.2771863	21	10 17.1	18.0
93055 2000 SY_{12}	16.0	X	218.82000	224.64113	175.48168	3.19446	0.1856533	0.27135570	2.3628895	21	5 20.5	19.7
93056 2000 SC_{13}	15.9	X	82.13998	297.94427	348.14550	13.22345	0.1710640	0.24220733	2.5488515	21	11 15.4	20.0
93057 2000 SE_{14}	15.0	X	15.99481	199.64994	224.38942	12.13137	0.1892000	0.24691606	2.5163429	21	—	—
93058 2000 SL_{14}	15.0	X	182.05550	179.76778	229.98976	11.09656	0.2269467	0.26675199	2.3899984	21	4 29.5	19.0
93059 2000 SO_{16}	16.0	X	166.72789	93.54953	345.22318	9.74411	0.1978501	0.26673137	2.3901215	21	5 19.9	20.0
93060 2000 SW_{20}	15.4	X	354.28382	288.75534	32.13699	14.67024	0.1402280	0.22967699	2.6407324	21	8 29.9	18.4
93061 Barbagallo	16.3	X	356.23583	24.46429	354.43791	10.31073	0.1222392	0.23833797	2.5763640	21	11 13.6	19.3
93062 2000 SF_{22}	16.0	X	211.84301	349.02599	57.83839	5.67181	0.1923999	0.26990106	2.3713718	21	5 21.7	19.8
93063 2000 SJ_{22}	16.1	X	102.75252	267.31944	111.07879	5.36267	0.0911702	0.25234898	2.4800952	21	—	—
93064 2000 SN_{22}	15.8	X	71.55943	23.34439	296.50292	4.63007	0.1850972	0.24279432	2.5447417	21	12 22.5	19.5
93065 2000 ST_{22}	15.3	X	257.66513	252.55228	23.87279	6.36873	0.0953582	0.26019061	2.4300114	21	1 29.1	18.8
93066 2000 SU_{22}	15.8	X	291.99431	170.76109	190.98940	2.59653	0.1243891	0.22750681	2.6574990	21	6 30.5	19.2
93067 2000 SB_{23}	15.6	X	163.10442	68.11379	345.51572	0.59187	0.1993499	0.26229838	2.4169759	21	4 17.6	19.3
93068 2000 SR_{24}	14.7	X	213.57300	146.67880	339.84291	11.13338	0.0675082	0.23066748	2.6331674	21	9 12.3	18.5
93069 2000 SX_{24}	15.6	X	356.33014	83.06503	320.43823	5.33072	0.1591579	0.23920668	2.5701226	21	12 27.1	18.3
93070 2000 SE_{25}	14.0	X	169.58491	88.50528	318.92423	13.93855	0.1062399	0.26125509	2.4234062	21	4 2.8	17.9
93071 2000 SD_{26}	15.0	X	16.18391	177.62146	225.26516	11.65780	0.1525922	0.24467220	2.5317042	21	—	—
93072 2000 SU_{26}	15.8	X	292.48864	4.39152	235.18570	5.82919	0.1053187	0.26259068	2.4151819	21	1 15.9	19.3
93073 2000 SO_{27}	15.5	X	216.36402	167.52361	277.86486	3.85267	0.1954986	0.22643078	2.6659116	21	7 14.6	19.9
93074 2000 SR_{27}	16.0	X	118.51966	73.01292	321.45381	5.78761	0.1352891	0.25616484	2.4554045	21	1 28.6	18.9
93075 2000 SE_{28}	14.5	X	61.40270	199.01435	331.65685	16.11814	0.1760368	0.21816455	2.7328341	21	5 15.4	18.2
93076 2000 SF_{28}	15.5	X	25.81893	91.21641	279.61021	8.02393	0.1356971	0.24094073	2.5577764	21	12 25.6	18.5
93077 2000 SM_{28}	15.3	X	181.66279	199.73082	304.93980	10.72464	0.1239642	0.23087493	2.6315898	21	8 26.2	19.4
93078 2000 SW_{28}	15.5	X	197.58850	79.13754	249.06342	10.61857	0.2079080	0.25880174	2.4386975	21	1 29.7	19.7
93079 2000 SX_{28}	15.1	X	247.82112	177.38244	229.38628	13.67651	0.0454690	0.22573173	2.6714127	21	7 11.2	19.0
93080 2000 SK_{29}	15.8	X	326.99008	77.69107	352.85075	6.61935	0.1522231	0.24096811	2.5575826	21	12 8.5	18.4
93081 2000 SP_{29}	15.7	X	235.48693	241.75541	227.27537	2.58912	0.1605353	0.28061601	2.3106159	21	9 8.1	18.8
93082 2000 SL_{32}	16.0	X	161.26513	65.34346	22.05863	6.71860	0.2158294	0.26675596	2.3899746	21	5 28.7	19.9
93083 2000 SC_{33}	15.9	X	324.51941	305.49409	136.01091	5.96720	0.1525177	0.24076071	2.5590512	21	12 20.8	18.5
93084 2000 SD_{34}	14.7	X	125.01395	154.92700	30.46109	9.10573	0.1143269	0.22989192	2.6390862	21	8 27.5	18.7
93085 2000 SE_{35}	15.7	X	175.10810	235.48574	20.13505	3.90798	0.0423652	0.24726965	2.5139435	21	—	—
93086 2000 SU_{35}	15.5	X	292.20688	290.56340	176.14983	2.64680	0.1476215	0.24027754	2.5624807	21	11 25.2	18.1
93087 2000 SK_{36}	15.4	X	159.36686	291.55543	156.25666	9.07068	0.1201559	0.21998173	2.7177633	21	5 27.6	19.7
93088 2000 SO_{36}	15.2	X	148.25533	284.36792	69.77451	4.88277	0.2179186	0.25576700	2.4579500	21	1 23.4	18.9
93089 2000 SX_{36}	16.3	X	140.98685	225.53367	168.46304	5.24584	0.1760678	0.25880049	2.4387053	21	2 28.2	19.7
93090 2000 SF_{37}	16.0	X	44.20201	228.98130	161.79500	6.51242	0.1077174	0.24565603	2.5249402	21	—	—
93091 2000 SG_{38}	15.9	X	87.74741	83.22908	20.27646	5.70234	0.1463500	0.25984836	2.4321446	21	3 21.2	18.5
93092 2000 SN_{38}	16.5	X	133.25893	265.36578	146.19698	2.67280	0.2037577	0.25916388	2.4364251	21	3 18.7	19.9
93093 2000 SB_{39}	15.0	X	229.54124	36.87922	38.07750	10.07705	0.1970519	0.22604499	2.6689440	21	7 15.6	19.4
93094 2000 SF_{39}	14.6	X	274.65167	154.73054	60.97220	7.04979	0.0831351	0.25353022	2.4723857	21	—	—
93095 2000 SL_{39}	15.6	X	265.80545	287.10173	153.01746	7.56863	0.1161601	0.23196092	2.6233697	21	9 12.3	19.1
93096 2000 SN_{39}	15.1	X	20.05652	308.41099	73.65707	6.16607	0.1459573	0.24100907	2.5572928	21	—	—
93097 2000 SP_{39}	15.8	X	328.90193	254.41713	70.74304	6.15233	0.2421852	0.22954800	2.6417216	21	6 22.4	18.3
93098 2000 ST_{39}	16.0	X	37.10500	256.76987	100.76340	5.07571	0.1236498	0.24078165	2.5589028	21	12 21.7	19.4
93099 2000 SY_{39}	15.7	X	11.76878	295.74324	59.20216	6.43206	0.1503463	0.23721542	2.5844855	21	11 14.4	18.4
93100 2000 SV_{41}	15.4	X	15.51880	163.47577	94.20769	5.11607	0.0531226	0.22494456	2.6776412	21	6 23.7	18.7
93101 2000 SU_{42}	15.5	X	90.40401	14.32257	77.48015	8.63381	0.2373302	0.25541499	2.4602078	21	3 28.7	18.5
93102 Leroy	15.3	X	281.43294	321.26870	33.66506	7.40892	0.1366728	0.27613100	2.3355685	21	6 1.1	18.3
93103 2000 SA_{44}	15.5	X	245.75063	47.30293	4.98330	22.10812	0.0447798	0.22691090	2.6621498	21	7 28.8	19.6
93104 2000 SK_{45}	14.7	X	347.24725	101.45368	262.42270	14.03367	0.1326163	0.23807295	2.5782756	21	10 3.9	17.7
93105 2000 SB_{47}	15.6	X	335.29384	164.11394	225.94688	10.48032	0.2320867	0.23748876	2.5825021	21	10 26.8	17.4
93106 2000 ST_{47}	14.6	X	292.68361	101.35469	206.70355	14.18432	0.2188194	0.22493412	2.6777241	21	4 4.7	18.5
93107 2000 SA_{49}	15.7	X	55.64438	296.43424	262.30049	6.24604	0.1060550	0.27207451	2.3587259	21	6 7.6	18.0
93108 2000 SA_{50}	15.5	X	278.51662	187.62588	288.75935	4.20385	0.1590330	0.23991218	2.5650816	21	11 11.7	18.6
93109 2000 SN_{52}	15.0	X	347.58023	163.95310	214.11351	21.68910	0.0386360	0.23540499	2.5977196	21	10 27.2	18.1
93110 2000 SA_{54}	16.3	X	300.35038	215.53359	209.10763	3.92654	0.1837235	0.23526160	2.5987750	21	10 3.3	18.8
93111 2000 SJ_{55}	15.7	X	289.18879	90.89586	357.71843	5.55302	0.0828946	0.23819715	2.5773794	21	10 31.1	18.9
93112 2000 SP_{56}	15.9	X	1.62435	299.56722	349.22659	2.17756	0.0729250	0.22878269	2.6476095	21	7 16.8	18.8
93113 2000 SZ_{56}	15.7	X	206.10831	108.96623	317.68150	1.50062	0.0655867	0.22461356	2.6802711	21	6 17.4	19.5
93114 2000 SE_{58}	15.7	X	9.95318	247.24011	188.85231	1.95256	0.0733823	0.24722658	2.5142355	21	—	—
93115 2000 SJ_{58}	15.9	X	38.84678	270.38082	188.12324	2.22002	0.0603701	0.25399404	2.4693749	21	—	—
93116 2000 SL_{58}	15.6	X	340.01825	287.96184	264.22032	1.21117	0.0880342	0.25963229	2.4334938	21	1 19.6	18.4
93117 2000 SM_{58}	15.7	X	112.01949	332.43186	305.36948	1.00371	0.1620498	0.24325063	2.5415583	21	12 7.7	19.7
93118 2000 SY_{58}	15.5	X	203.88451	269.53592	208.61565	1.82952	0.1574632	0.27645352	2.3337516	21	8 17.4	18.9
93119 2000 SJ_{59}	15.9	X	109.90907	3.88277	267.03465	2.44730	0.0847258	0.24081926	2.5586364	21	11 22.0	19.4
93120 2000 SK_{59}	15.4	X	242.62285	70.17417	352.62957	10.80759	0.1716421	0.22727227	2.6593270	21	7 16.6	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93121 2000 SY_{59}	16.0	X	299.21398	144.26491	205.22387	2.85560	0.0948491	0.22762413	2.6565858	21	6 28.8	19.3
93122 2000 SB_{61}	15.9	X	293.91695	243.19955	165.90643	2.77115	0.0119562	0.23417644	2.6067972	21	9 24.5	19.1
93123 2000 SK_{61}	15.5	X	131.00927	337.45078	119.34525	3.23903	0.1925247	0.26340170	2.4102218	21	5 12.9	19.1
93124 2000 SU_{61}	15.4	X	120.65380	312.59104	157.13369	1.29243	0.1427645	0.26495528	2.4007909	21	5 11.9	18.6
93125 2000 SJ_{62}	15.9	X	150.79006	287.11604	181.52127	6.68698	0.0840463	0.26951413	2.3736409	21	6 9.1	19.2
93126 2000 SY_{62}	15.9	X	326.80884	191.76878	243.17667	1.50738	0.0577908	0.24127214	2.5554336	21	12 13.6	18.7
93127 2000 SW_{63}	16.7	X	5.21148	88.86946	252.35416	0.87444	0.2356435	0.23599904	2.5933585	21	10 24.5	18.8
93128 2000 SN_{64}	15.8	X	261.96863	293.64651	194.91868	2.01279	0.0921914	0.23934638	2.5691225	21	11 15.1	18.9
93129 2000 ST_{65}	15.1	X	39.78360	17.48460	135.99998	3.03743	0.1483943	0.26039760	2.4287234	21	3 5.9	17.3
93130 2000 SZ_{65}	15.4	X	106.08041	324.30153	10.63650	5.45303	0.0635002	0.24749903	2.5123899	21	—	—
93131 2000 SV_{67}	15.7	X	101.01214	192.81042	84.91398	1.93001	0.1304241	0.24078238	2.5588976	21	11 25.1	19.4
93132 2000 SJ_{69}	15.7	X	186.01884	337.31654	32.29251	7.14849	0.1423886	0.26159277	2.4213202	21	3 14.7	19.5
93133 2000 SS_{69}	15.5	X	200.63459	302.51764	44.94662	7.46063	0.1827187	0.26152573	2.4217340	21	3 2.8	19.5
93134 2000 SB_{70}	15.7	X	357.52070	291.75151	23.11692	4.10634	0.0307943	0.22981926	2.6396425	21	8 17.0	19.0
93135 2000 SX_{70}	15.0	X	303.39548	299.39776	127.04652	3.50002	0.0649332	0.23596137	2.5936345	21	10 27.7	18.1
93136 2000 SZ_{70}	15.8	X	336.55504	27.20555	33.26202	4.26733	0.1507474	0.23921052	2.5700952	21	12 12.7	18.2
93137 2000 SC_{71}	15.7	X	50.58725	233.37879	138.59504	3.15983	0.0903790	0.24410126	2.5356504	21	—	—
93138 2000 SK_{71}	15.6	X	270.42020	0.48516	15.60418	15.23307	0.1190349	0.22608350	2.6686409	21	6 20.6	19.6
93139 2000 SZ_{71}	15.4	X	255.94303	271.26779	188.44409	12.34734	0.1281629	0.23305275	2.6151698	21	9 21.8	19.0
93140 2000 SC_{72}	15.7	X	267.26548	329.48016	102.54990	4.57116	0.1880407	0.22997922	2.6384183	21	8 23.5	19.3
93141 2000 SY_{72}	16.0	X	357.80526	359.57744	73.84829	2.81533	0.1931619	0.24255260	2.5464321	21	—	—
93142 2000 SE_{73}	16.0	X	86.55689	242.35263	173.35372	7.69699	0.1167826	0.25290535	2.4764565	21	1 6.4	18.8
93143 2000 SE_{75}	16.0	X	22.75656	225.33041	126.28611	4.19062	0.1895107	0.23818379	2.5774757	21	12 4.1	18.9
93144 2000 SM_{78}	15.9	X	15.64521	106.12732	161.61814	2.87922	0.0777944	0.22765121	2.6563751	21	7 9.2	18.9
93145 2000 SS_{78}	16.3	X	33.26223	193.47974	182.80682	0.48742	0.1389284	0.24273666	2.5451447	21	—	—
93146 2000 SU_{78}	15.9	X	292.53137	126.23641	345.28712	3.60976	0.1946862	0.23971024	2.5665220	21	11 24.8	18.4
93147 2000 SA_{80}	15.6	X	200.82487	332.75133	164.71747	3.87654	0.1017360	0.23195765	2.6233944	21	9 10.6	19.5
93148 2000 SC_{80}	15.4	X	131.89235	142.58359	27.40484	4.63196	0.0601318	0.22810721	2.6528338	21	8 7.8	19.1
93149 2000 SM_{80}	16.3	X	74.64445	210.05849	138.26861	3.73912	0.1660087	0.24506993	2.5289643	21	—	—
93150 2000 SC_{81}	15.2	X	306.64963	349.52287	128.38828	3.38221	0.0282744	0.24371608	2.5383213	21	—	—
93151 2000 SD_{82}	15.6	X	103.86828	109.63195	168.84536	12.37783	0.1796512	0.24101843	2.5572266	21	12 3.8	19.9
93152 2000 ST_{83}	15.1	X	278.67766	48.56771	95.35316	1.23059	0.1378490	0.24245673	2.5471033	21	12 24.9	17.7
93153 2000 SF_{84}	15.2	X	259.02240	290.63941	125.20550	1.56938	0.1072274	0.22829289	2.6513951	21	8 1.5	18.8
93154 2000 SK_{84}	15.5	X	211.48851	11.46952	65.11119	2.73447	0.1850502	0.22381355	2.6866544	21	6 29.9	19.9
93155 2000 SX_{84}	15.8	X	356.95358	26.01955	29.48682	6.09742	0.2261651	0.24034845	2.5619767	21	—	—
93156 2000 SB_{85}	14.9	X	358.09185	338.04053	161.14666	4.76631	0.0725302	0.25206819	2.4819366	21	—	—
93157 2000 SD_{85}	14.9	X	319.70683	315.09987	107.07117	5.12547	0.1857417	0.23591463	2.5939771	21	11 11.7	17.3
93158 2000 SK_{85}	15.4	X	94.01630	345.66942	102.31020	5.75858	0.1631668	0.25675510	2.4516398	21	3 14.1	18.3
93159 2000 SZ_{86}	15.2	X	124.16474	34.77753	68.64954	7.68179	0.1531964	0.26240877	2.4162980	21	5 9.9	18.5
93160 2000 SU_{87}	16.4	X	9.50458	209.94712	145.49779	6.69594	0.2481866	0.23658279	2.5890908	21	11 27.5	19.0
93161 2000 SX_{87}	15.4	X	342.70726	337.04585	47.27650	13.14120	0.0925478	0.23509799	2.5999806	21	10 31.7	18.4
93162 2000 SJ_{88}	14.5	X	242.12482	32.35533	52.59192	14.09453	0.1366300	0.22746847	2.6577976	21	8 22.6	18.6
93163 2000 SC_{89}	15.1	X	20.08731	123.04881	242.77785	14.02908	0.1436320	0.23861181	2.5743925	21	12 11.1	18.2
93164 2000 SR_{89}	15.6	X	236.49347	301.48337	219.47213	1.76192	0.0965766	0.24139337	2.5545779	21	11 22.9	18.8
93165 2000 SE_{93}	15.0	X	106.16861	196.06591	310.61672	12.73016	0.1572845	0.22250934	2.6971424	21	6 17.3	19.0
93166 2000 SF_{95}	15.4	X	98.22301	272.16907	211.38732	9.68884	0.2192500	0.26322153	2.4113214	21	5 14.6	18.6
93167 2000 SS_{95}	15.9	X	290.21903	37.83823	224.23302	6.02660	0.1174920	0.26400231	2.4065648	21	2 8.4	19.3
93168 2000 SZ_{96}	15.8	X	24.07996	276.18214	260.16775	6.88640	0.1454531	0.26329190	2.4108918	21	3 2.3	18.2
93169 2000 SC_{98}	16.1	X	35.53667	130.63892	231.25744	3.25296	0.1782030	0.24165314	2.5527469	21	—	—
93170 2000 SS_{98}	15.3	X	115.61350	186.36013	306.25598	3.25606	0.0849367	0.26800571	2.3825390	21	5 28.1	18.3
93171 2000 SJ_{99}	15.6	X	68.36714	94.02404	199.95236	13.67180	0.0965550	0.23790041	2.5795221	21	11 6.2	19.1
93172 2000 SQ_{100}	15.9	X	305.13640	29.89881	304.77390	10.65032	0.1603755	0.22536573	2.6743042	21	6 6.1	19.3
93173 2000 SQ_{101}	16.2	X	102.40921	115.03062	337.26554	7.47533	0.1767912	0.25981464	2.4323551	21	3 28.2	19.2
93174 2000 SY_{101}	14.8	X	150.25136	162.32201	358.30113	14.64723	0.0334562	0.22931689	2.6434962	21	8 19.6	18.6
93175 2000 SL_{102}	15.8	X	348.13087	44.42860	345.37037	2.52841	0.0747692	0.23818261	2.5774842	21	11 14.5	18.7
93176 2000 SA_{103}	15.8	X	215.59588	73.72184	193.57948	7.82585	0.1224748	0.25395054	2.4696569	21	—	—
93177 2000 SP_{103}	15.7	X	171.75539	167.77069	211.66315	3.32400	0.1972830	0.26082328	2.4260802	21	3 12.8	19.6
93178 2000 SW_{103}	15.5	X	115.29692	154.95649	354.49629	6.62919	0.0685951	0.26998489	2.3708809	21	6 18.7	18.6
93179 2000 SH_{104}	15.5	X	226.20407	104.94507	0.06786	4.61371	0.0360457	0.23107194	2.6300938	21	9 5.4	18.9
93180 2000 SS_{104}	15.9	X	291.46460	199.58827	191.46628	11.81283	0.1685662	0.22992409	2.6388400	21	7 30.8	19.4
93181 2000 ST_{104}	15.6	X	286.11090	68.32734	9.54831	13.48635	0.1665148	0.23390577	2.6088078	21	9 30.9	18.6
93182 2000 SB_{105}	14.9	X	156.76257	88.72595	145.09255	3.59815	0.1299634	0.24005861	2.5640384	21	11 25.6	18.9
93183 2000 SC_{106}	15.9	X	269.92861	183.17360	207.75284	3.43658	0.0999768	0.22743663	2.6580457	21	7 13.2	19.6
93184 2000 SV_{107}	16.5	X	90.51966	135.15880	194.64628	12.21943	0.1791549	0.24532332	2.5272226	21	—	—
93185 2000 SH_{108}	15.5	X	73.68954	91.79736	179.85573	1.64043	0.0609648	0.23441141	2.6050549	21	10 8.0	18.9
93186 2000 SR_{108}	15.4	X	358.45212	14.27377	21.35740	2.02536	0.1731067	0.23910752	2.5708331	21	12 21.3	18.1
93187 2000 SV_{109}	15.0	X	57.55408	190.57607	10.29924	13.73818	0.0765391	0.22199310	2.7013223	21	6 9.2	18.7
93188 2000 SF_{110}	16.2	X	83.93796	327.20016	3.52415	2.69006	0.2578672	0.24515198	2.5284000	21	—	—
93189 2000 SZ_{110}	15.2	X	324.37052	335.46034	21.13199	9.81839	0.1676479	0.23082604	2.6319614	21	8 17.1	18.0
93190 2000 SN_{111}	15.4	X	166.71565	229.92239	24.83268	9.66483	0.0833453	0.24442488	2.5334117	21	—	—
93191 2000 SO_{111}	14.9	X	145.17542	37.26450	69.43180	2.26400	0.1401744	0.26639299	2.3921451	21	6 3.9	18.5
93192 2000 SV_{111}	16.1	X	9.99485	177.08320	194.08939	4.70435	0.1698539	0.23827365	2.5768276	21	12 7.1	18.9
93193 2000 SC_{112}	15.2	X	345.76397	285.27143	13.77416	8.68240	0.0922881	0.22655461	2.6649401	21	7 4.7	18.5
93194 2000 SD_{112}	15.2	X	25.16543	167.50843	356.24680	2.42768	0.1393134	0.25862213	2.4398264	21	2 19.8	17.4
93195 2000 SV_{112}	15.8	X	288.11753	212.79437	192.52251	9.28441	0.1421310	0.23036998	2.6354339	21	8 19.6	19.2
93196 2000 SU_{113}	16.0	X	197.94999	224.96895	133.91081	1.96362	0.2172416	0.26204879	2.4185103	21	3 11.9	20.0
93197 2000 SO_{114}	15.5	X	302.27835	219.12356	188.23563	14.18069	0.0871015	0.23275574	2.6173941	21	9 24.4	18.5
93198 2000 ST_{114}	15.1	X	354.90651	242.19030	190.95580	9.77238	0.0837121	0.24297648	2.5434696	21	—	—
93199 2000 SF_{115}	14.7	X	293.11320	52.70100	22.00070	12.54606	0.0948251	0.23468978	2.6029946	21	10 17.6	17.7
93200 2000 SS_{115}	15.4	X	317.80937	41.07976	22.36762	14.59703	0.1613185	0.23605379	2.5929575	21	11 5.2	18.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93201 2000 SZ_{115}	15.8	X	21.10274	299.47900	23.15650	13.88973	0.2397244	0.23563607	2.5960210	21	10 27.5	18.5
93202 2000 SU_{116}	15.6	X	3.10238	357.34143	49.57072	5.41319	0.2194077	0.24006873	2.5639664	21	—	—
93203 2000 SN_{118}	15.7	X	297.73637	237.13143	174.09913	5.37679	0.1894272	0.23155337	2.6264470	21	9 7.7	18.5
93204 2000 SQ_{118}	15.7	X	52.07608	291.14139	63.34575	2.88551	0.1845697	0.24194308	2.5507070	21	—	—
93205 2000 ST_{119}	16.0	X	71.27127	209.19944	162.28576	4.99482	0.1699191	0.24582316	2.5237956	21	—	—
93206 2000 SS_{122}	16.0	X	286.13215	256.73693	110.46103	2.98155	0.1139524	0.22573336	2.6713997	21	7 1.4	19.5
93207 2000 SY_{122}	15.7	X	316.19547	203.26753	161.77128	3.62279	0.0867463	0.22900046	2.6459308	21	8 17.9	18.7
93208 2000 SQ_{123}	15.4	X	214.66636	267.79091	131.95446	5.15089	0.1082063	0.21966834	2.7203476	21	5 22.4	19.6
93209 2000 SL_{125}	15.7	X	137.76495	193.02292	154.77089	7.35291	0.1571565	0.25157178	2.4852005	21	—	—
93210 2000 SS_{126}	15.7	X	248.80340	155.35260	204.15125	5.23083	0.0343296	0.22078441	2.7111722	21	5 15.3	19.5
93211 2000 SU_{126}	15.6	X	255.85453	180.43384	191.27915	5.84168	0.0287468	0.22319938	2.6915806	21	6 10.3	19.3
93212 2000 SA_{127}	15.3	X	145.36673	302.15006	167.79290	9.80697	0.2149107	0.21614411	2.7498380	21	6 15.4	20.0
93213 2000 SA_{128}	13.5	X	85.57593	147.22881	40.75896	19.06928	0.1561787	0.17339058	3.1850705	21	7 19.2	18.4
93214 2000 SB_{128}	15.5	X	98.91060	47.62268	52.50183	8.66306	0.0877682	0.25932660	2.4354058	21	3 26.9	18.6
93215 2000 SL_{128}	15.4	X	26.30095	142.61039	166.30238	5.67322	0.1918171	0.23319913	2.6140753	21	10 12.2	18.3
93216 2000 ST_{128}	15.5	X	230.59627	207.75034	198.99393	8.41880	0.0664470	0.22403110	2.6849148	21	6 19.9	19.5
93217 2000 SR_{130}	15.4	X	67.29414	47.27188	258.99457	11.04380	0.2116618	0.24196656	2.5505420	21	12 4.2	19.1
93218 2000 SJ_{131}	15.0	X	257.81139	182.90460	257.87769	11.69853	0.1294691	0.23236788	2.6203058	21	8 24.2	18.8
93219 2000 SG_{133}	15.2	X	214.04103	261.25073	247.65794	11.15995	0.0935860	0.23718025	2.5847410	21	10 7.2	19.1
93220 2000 SA_{135}	15.4	X	345.67744	60.81924	218.60596	11.76272	0.1499185	0.22641419	2.6660418	21	5 31.3	18.2
93221 2000 SE_{140}	14.2	X	6.01406	197.65551	4.49323	17.23479	0.2119913	0.21549366	2.7553687	21	3 17.0	16.6
93222 2000 SL_{140}	15.1	X	352.21385	132.98385	306.12608	2.99224	0.2099151	0.24240090	2.5474944	21	—	—
93223 2000 SC_{141}	15.2	X	295.99798	199.82589	226.21023	7.53171	0.0961932	0.23432477	2.6056970	21	10 8.4	18.3
93224 2000 SR_{141}	16.2	X	127.57912	150.56216	222.10963	5.70306	0.1541185	0.25379414	2.4706714	21	1 13.3	19.5
93225 2000 SE_{142}	14.7	X	257.75652	180.80203	244.85300	10.94371	0.1560608	0.22785967	2.6547547	21	8 1.7	18.7
93226 2000 SJ_{142}	15.4	X	9.63546	184.08092	215.72256	8.46901	0.1572297	0.24080082	2.5587670	21	—	—
93227 2000 SU_{142}	15.2	X	53.46289	70.70431	237.63559	12.77439	0.2019435	0.23740305	2.5831236	21	11 19.8	18.7
93228 2000 SH_{144}	15.1	X	17.94215	210.07895	217.52817	4.40055	0.0299472	0.24626122	2.5208018	21	—	—
93229 2000 SJ_{144}	15.2	X	292.27435	181.65120	316.30045	2.20545	0.0907840	0.24342901	2.5403165	21	—	—
93230 2000 SW_{144}	15.7	X	310.91601	142.01644	267.80648	2.08814	0.0757133	0.23461045	2.6035814	21	10 12.6	18.9
93231 2000 SK_{146}	15.8	X	315.26310	221.66849	220.76897	3.96098	0.2517461	0.23690376	2.5867517	21	11 27.3	17.5
93232 2000 SE_{147}	15.4	X	315.72434	142.57660	207.72695	3.00634	0.0993319	0.22834858	2.6509641	21	7 24.9	18.6
93233 2000 SN_{147}	15.6	X	261.95900	337.84735	9.56584	2.37574	0.0839283	0.22080500	2.7110038	21	5 8.2	19.3
93234 2000 SS_{147}	16.0	X	30.03672	6.09068	0.82720	2.50299	0.0682154	0.23981171	2.5657980	21	12 15.7	19.2
93235 2000 SE_{148}	15.6	X	134.23515	333.29362	4.25642	4.64063	0.2423592	0.25163343	2.4847946	21	—	—
93236 2000 SR_{149}	15.5	X	221.67967	206.93454	200.22474	1.78005	0.2193363	0.22149436	2.7053758	21	5 31.5	20.0
93237 2000 SX_{149}	15.3	X	151.05353	77.64886	22.77509	2.48240	0.1480867	0.26559617	2.3969272	21	6 2.0	18.9
93238 2000 SH_{150}	15.7	X	139.04256	109.46581	2.38318	2.08856	0.1389385	0.26544945	2.3978103	21	6 3.8	19.2
93239 2000 SO_{150}	14.6	X	129.31441	269.04499	209.44580	14.87700	0.2190469	0.21636672	2.7479515	21	6 11.3	19.2
93240 2000 SB_{152}	15.1	X	175.43145	239.15175	30.16678	14.76026	0.0756412	0.24632997	2.5203327	21	—	—
93241 2000 SO_{152}	15.5	X	284.85596	61.01530	22.15891	25.95724	0.1800704	0.23296196	2.6158492	21	10 7.8	18.5
93242 2000 SF_{153}	15.1	X	339.07146	188.28645	196.13434	2.62983	0.0740743	0.23447941	2.6045513	21	10 24.1	17.9
93243 2000 SA_{154}	15.5	X	42.79131	327.52302	27.57081	13.86029	0.2134493	0.24054759	2.5605625	21	—	—
93244 2000 SE_{154}	15.0	X	173.11804	156.62418	90.47525	1.20030	0.1014515	0.24267221	2.5455952	21	12 28.8	18.8
93245 2000 SH_{155}	15.3	X	5.19208	189.14502	196.79619	13.57789	0.1565642	0.23752848	2.5822142	21	12 16.6	18.4
93246 2000 SR_{156}	14.8	X	19.38155	212.86776	86.86315	3.93505	0.0824042	0.22883364	2.6472166	21	9 2.3	18.0
93247 2000 ST_{156}	14.8	X	140.84667	107.09580	48.13631	22.47399	0.0515584	0.22341154	2.6898763	21	8 3.8	19.1
93248 2000 SD_{157}	15.0	X	88.50253	31.80156	279.06670	13.20558	0.1676374	0.24216219	2.5491682	21	12 26.3	18.9
93249 2000 SL_{157}	15.4	X	13.14581	230.29588	3.40951	9.56750	0.1371692	0.22306621	2.6926518	21	5 14.4	18.4
93250 2000 SP_{157}	14.9	X	306.12701	214.66667	323.56009	5.29767	0.1526481	0.25237793	2.4799055	21	—	—
93251 2000 SZ_{157}	15.3	X	118.59906	39.00611	276.83674	12.14745	0.1946370	0.24709326	2.5151398	21	—	—
93252 2000 SS_{160}	14.9	X	351.66694	337.68178	65.38837	14.10162	0.1293816	0.23237750	2.6202336	21	12 11.5	17.9
93253 2000 SB_{161}	14.3	X	315.11295	56.12173	65.24056	16.18365	0.1041775	0.23585147	2.5944401	21	—	—
93254 2000 SF_{161}	13.7	X	280.35592	10.00174	84.39252	15.51009	0.1769718	0.18023927	3.1038670	21	10 13.5	18.1
93255 2000 SC_{163}	15.7	X	271.59261	92.03140	5.35092	13.43163	0.0973261	0.23406992	2.6075880	21	10 13.3	18.9
93256 Stach	15.4	X	207.50467	29.64632	352.21000	4.30829	0.1135230	0.21650359	2.7467933	21	4 19.7	19.7
93257 2000 SQ_{165}	15.5	X	237.21979	219.49931	243.89200	11.12789	0.1163891	0.23129236	2.6284226	21	8 31.1	19.6
93258 2000 SX_{165}	15.6	X	349.45398	169.81896	278.48881	8.03214	0.1209170	0.24400189	2.5363387	21	—	—
93259 2000 SD_{166}	15.8	X	109.90979	311.47106	336.14846	9.63682	0.1158860	0.24236561	2.5477417	21	12 14.8	19.8
93260 2000 SB_{168}	15.2	X	166.39624	195.84782	241.70904	9.24181	0.1593197	0.21788062	2.7352077	21	5 21.4	19.6
93261 2000 SN_{168}	15.5	X	176.00469	29.20238	292.20461	5.46542	0.1426544	0.25454359	2.4658195	21	1 2.6	19.2
93262 2000 SR_{168}	14.3	X	233.46994	184.66022	0.35391	12.71758	0.1785901	0.24145759	2.5541250	21	12 5.9	18.1
93263 2000 ST_{170}	14.9	X	258.52133	284.65256	26.75078	6.98938	0.1256788	0.21533008	2.7567639	21	3 18.1	19.0
93264 2000 SP_{171}	15.1	X	335.10801	272.21572	300.67063	7.48570	0.0878155	0.21212612	2.7844534	21	2 17.3	18.6
93265 2000 SV_{171}	14.7	X	301.86197	336.84700	111.34827	14.84481	0.2002063	0.23425804	2.6061918	21	11 14.7	17.5
93266 2000 SW_{171}	15.3	X	345.40121	251.00102	102.58176	12.80783	0.2615084	0.23161972	2.6259455	21	10 3.4	17.5
93267 2000 SS_{173}	15.2	X	96.58794	316.72962	289.17337	12.09245	0.1268341	0.23496481	2.6009630	21	10 3.7	19.3
93268 2000 SX_{173}	15.2	X	31.04912	6.74623	277.25969	11.24581	0.1664077	0.23206138	2.6226126	21	9 2.2	18.4
93269 2000 SL_{175}	14.8	X	268.52795	38.13787	237.81773	11.58869	0.0434507	0.21157278	2.7893062	21	2 15.4	19.0
93270 2000 SQ_{175}	14.7	X	140.38184	186.82422	275.42349	7.75267	0.0974918	0.21717615	2.7411194	21	5 21.1	18.8
93271 2000 SS_{175}	14.8	X	307.39197	140.79380	355.61024	13.44339	0.1385387	0.24289629	2.5440294	21	—	—
93272 2000 ST_{176}	14.9	X	154.69563	313.17451	349.33463	9.76978	0.0998216	0.24778659	2.5104458	21	—	—
93273 2000 SE_{177}	14.8	X	172.72933	213.64550	231.27466	11.10807	0.1853751	0.21820458	2.7324998	21	6 6.3	19.3
93274 2000 SC_{178}	14.8	X	104.03191	268.15969	9.86007	12.51895	0.1840282	0.23864203	2.5741751	21	11 28.5	19.1
93275 2000 SO_{178}	15.7	X	351.79930	29.82031	14.81260	16.08743	0.1452648	0.23761316	2.5816006	21	12 16.1	18.8
93276 2000 ST_{178}	15.6	X	267.63104	43.47013	350.88420	5.92183	0.0648010	0.22520166	2.6756029	21	7 22.6	19.2
93277 2000 SJ_{179}	15.2	X	340.32886	179.72391	226.77607	12.90720	0.1503444	0.23614617	2.5922812	21	11 29.8	17.8
93278 2000 SS_{181}	15.6	X	127.91380	315.92298	51.80602	11.73967	0.2544259	0.25470209	2.4647964	21	1 25.7	19.2
93279 2000 SU_{181}	15.3	X	329.19806	255.97570	53.25184	9.60877	0.2326567	0.27672961	2.3321991	21	5 26.1	17.0
93280 2000 SW_{186}	16.0	X	19.39178	169.81331	307.58168	12.58926	0.1557979	0.25224282	2.4807910	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93281 2000 SJ_{187}	16.4	X	355.40170	10.82591	43.81303	2.79897	0.1594732	0.24090682	2.5580164	21	—	—
93282 2000 SK_{187}	15.9	X	349.19786	305.23840	154.41912	3.52776	0.1215120	0.24574142	2.5243553	21	—	—
93283 2000 SP_{188}	15.0	X	184.84689	301.44172	192.57484	12.53113	0.1341664	0.22559325	2.6725057	21	8 15.4	19.4
93284 2000 SY_{188}	16.2	X	128.27608	78.09212	198.31201	9.09941	0.1877892	0.24491514	2.5300297	21	12 21.0	20.6
93285 2000 SQ_{189}	15.2	X	22.04826	175.29037	332.60686	10.64662	0.1672552	0.25565245	2.4586841	21	1 21.7	17.5
93286 2000 SV_{191}	15.5	X	104.91791	0.15141	214.88171	3.69173	0.0722052	0.23194958	2.6234552	21	9 1.9	19.3
93287 2000 SG_{194}	16.2	X	303.28758	194.94564	235.54096	1.67101	0.1208502	0.23763502	2.5814423	21	10 26.0	18.9
93288 2000 SA_{196}	15.3	X	277.13604	307.48287	166.51439	22.20260	0.0712767	0.24023675	2.5627707	21	11 24.4	19.0
93289 2000 SC_{196}	15.4	X	308.52317	298.87328	159.01910	13.90564	0.1260923	0.24134586	2.5549132	21	12 15.5	18.4
93290 2000 SP_{196}	15.4	X	359.54374	106.30255	158.14772	15.11843	0.0816557	0.22567301	2.6718760	21	6 9.7	18.9
93291 2000 SV_{196}	15.8	X	217.48429	189.32228	352.15513	5.02361	0.0947635	0.24247276	2.5469910	21	11 25.1	19.4
93292 2000 SD_{198}	15.8	X	87.54725	301.81849	16.91185	2.58790	0.0508895	0.24363360	2.5388941	21	12 24.6	19.2
93293 2000 SM_{199}	15.6	X	146.31730	281.02910	176.76976	4.85293	0.0771492	0.21989247	2.7184988	21	5 22.1	19.6
93294 2000 SY_{199}	15.7	X	269.00168	272.88626	203.58887	3.56974	0.1223988	0.23749523	2.5824552	21	11 4.1	18.7
93295 2000 SC_{201}	16.4	X	69.63502	302.06073	29.02857	0.90406	0.0703844	0.24310351	2.5425835	21	12 21.1	19.9
93296 2000 SU_{202}	16.2	X	293.14715	52.54073	18.85951	2.89582	0.1125485	0.23507432	2.6001551	21	10 11.2	19.3
93297 2000 ST_{203}	16.5	X	90.54609	292.22622	13.85488	7.44710	0.2481134	0.24412255	2.5355029	21	12 28.6	20.9
93298 2000 SH_{205}	16.1	X	4.41799	130.67719	187.39365	2.96695	0.1650989	0.23203099	2.6228416	21	9 7.5	18.6
93299 2000 SC_{206}	15.5	X	210.04581	19.74846	22.09782	9.74588	0.1190123	0.21962331	2.7207195	21	5 16.2	19.7
93300 2000 SD_{206}	15.1	X	205.41568	72.56764	22.65353	13.71592	0.1831107	0.22383715	2.6864655	21	7 21.8	19.8
93301 2000 SE_{206}	15.6	X	211.02018	36.94533	35.84698	2.92954	0.0165651	0.22402051	2.6849994	21	7 5.2	19.1
93302 2000 SJ_{206}	15.0	X	121.74099	204.62525	35.96973	5.48847	0.1233322	0.23556337	2.5965551	21	10 29.7	19.0
93303 2000 SM_{206}	15.2	X	108.98153	50.74899	186.44755	4.80679	0.1229666	0.23316335	2.6143427	21	10 12.6	19.2
93304 2000 SV_{206}	15.6	X	5.21175	78.35846	10.21450	3.47371	0.1582786	0.24448468	2.5329986	21	—	—
93305 2000 SK_{208}	15.7	X	7.64497	79.01193	206.65702	5.87954	0.0990155	0.22808865	2.6529777	21	7 21.2	18.8
93306 2000 SE_{209}	15.1	X	274.24674	46.43903	78.87460	8.22433	0.1356349	0.23963886	2.5670316	21	11 22.9	18.0
93307 2000 SV_{209}	15.2	X	318.52692	325.17390	39.05824	15.68129	0.1756725	0.23119769	2.6291400	21	8 20.1	18.3
93308 2000 SV_{211}	15.0	X	126.22407	192.60646	55.34671	15.22522	0.0507707	0.23768375	2.5810895	21	11 10.3	18.7
93309 2000 SB_{212}	15.1	X	329.22432	31.60237	88.19284	9.54685	0.1957771	0.24411861	2.5355302	21	—	—
93310 2000 SU_{212}	14.9	X	197.13636	295.87580	132.06497	10.70387	0.1516622	0.22080142	2.7110330	21	6 8.5	19.4
93311 2000 SN_{213}	16.2	X	171.78243	252.25575	114.46078	6.09225	0.1262619	0.25980959	2.4323866	21	2 22.9	19.8
93312 2000 SV_{215}	15.8	X	230.61031	116.95980	16.05374	1.91304	0.0732843	0.23581746	2.5946896	21	10 12.6	19.4
93313 2000 SY_{216}	16.4	X	32.14543	224.13699	165.27006	12.79648	0.1658622	0.24242479	2.5473270	21	—	—
93314 2000 SC_{217}	13.6	X	245.94956	72.32649	41.96783	22.03364	0.1319167	0.23255716	2.6188839	21	10 8.1	17.5
93315 2000 SF_{217}	15.4	X	202.45633	300.50546	104.03879	6.55051	0.0712173	0.21921222	2.7241198	21	5 17.1	19.4
93316 2000 SN_{217}	15.6	X	140.56858	315.53067	128.79633	7.13236	0.1167685	0.26275908	2.4141499	21	4 30.8	19.1
93317 2000 SQ_{217}	14.8	X	285.47151	322.73853	129.43079	7.30492	0.2914081	0.23292935	2.6160934	21	10 1.5	17.8
93318 2000 SQ_{218}	15.6	X	343.41400	302.41284	87.74349	8.50204	0.2032363	0.23576736	2.5950571	21	11 17.6	17.8
93319 2000 SL_{219}	14.8	X	194.67748	26.82690	68.85702	14.11953	0.1318348	0.22272685	2.6953862	21	7 10.8	19.2
93320 2000 SO_{219}	15.5	X	302.28680	349.95988	63.23466	13.22953	0.1345901	0.23224829	2.6212053	21	10 5.2	18.7
93321 2000 SA_{220}	14.3	X	207.02728	160.37405	64.12877	14.62699	0.0965902	0.24318984	2.5419818	21	—	—
93322 2000 SA_{221}	15.1	X	96.54469	53.95932	92.48161	13.01398	0.0702089	0.21708552	2.7418824	21	5 25.4	18.9
93323 2000 SL_{221}	15.4	X	16.46478	253.04793	84.87404	11.14785	0.1510001	0.23438346	2.6052620	21	11 2.3	18.5
93324 2000 SG_{225}	16.3	X	281.94468	261.29521	176.46224	2.40549	0.1874288	0.23238055	2.6202106	21	9 20.0	19.4
93325 2000 SB_{226}	15.5	X	66.68016	263.33340	62.65693	13.88152	0.2928235	0.24130085	2.5552309	21	—	—
93326 2000 SE_{227}	15.2	X	355.14287	200.25149	184.80580	12.91346	0.1728968	0.23506502	2.6002237	21	11 30.8	18.1
93327 2000 SA_{229}	15.8	X	266.05168	356.46755	357.52697	1.77870	0.1085969	0.22201140	2.7011738	21	5 18.6	19.5
93328 2000 SB_{229}	15.6	X	340.04956	24.19688	18.17878	3.72241	0.1443142	0.23669864	2.5882459	21	11 21.9	18.3
93329 2000 SJ_{230}	15.4	X	107.50168	82.29178	15.83128	2.32582	0.0984949	0.21219000	2.7838945	21	4 8.1	19.1
93330 2000 SP_{230}	14.8	X	40.70669	266.55653	28.01631	14.69767	0.0897814	0.23159090	2.6261632	21	10 1.7	18.1
93331 2000 SF_{231}	15.8	X	182.04034	135.83069	282.83226	2.24661	0.1907890	0.21675823	2.7446417	21	5 12.4	20.4
93332 2000 ST_{234}	15.3	X	221.05675	258.28477	86.80729	5.79553	0.2473814	0.26717913	2.3874504	21	3 15.2	19.5
93333 2000 SA_{235}	16.9	X	230.14381	263.59182	26.02554	1.46454	0.1711209	0.26107204	2.4245388	21	1 13.9	20.9
93334 2000 SC_{235}	15.8	X	156.58915	299.22274	271.29267	1.59186	0.0552361	0.23911498	2.5707797	21	10 27.0	19.4
93335 2000 SK_{235}	16.5	X	348.22151	307.38248	115.07488	1.69303	0.1120939	0.24273272	2.5451722	21	—	—
93336 2000 SF_{236}	15.6	X	307.89293	299.51327	187.04360	12.90972	0.1171249	0.24391478	2.5369426	21	—	—
93337 2000 SK_{236}	15.5	X	160.95150	57.90247	141.80948	2.16001	0.0721211	0.23571410	2.5954481	21	10 19.1	19.3
93338 2000 SJ_{237}	16.1	X	17.03994	293.84440	51.57328	2.88380	0.2001869	0.23663570	2.5887049	21	11 17.1	18.8
93339 2000 SM_{241}	15.4	X	318.85329	336.91018	22.22937	7.22708	0.1424302	0.28196250	2.3032539	21	8 15.6	17.5
93340 2000 SJ_{243}	16.0	X	234.55378	13.97383	236.74715	1.63379	0.1699186	0.25718572	2.4489024	21	—	—
93341 2000 SP_{244}	15.5	X	5.35020	227.48047	65.98081	5.21234	0.1611602	0.23168410	2.6254589	21	8 4.6	18.0
93342 2000 SR_{244}	15.4	X	20.95055	319.42996	30.33466	9.15583	0.0857610	0.23931192	2.5693691	21	11 11.3	18.6
93343 2000 SV_{245}	15.7	X	37.62271	345.50538	154.47906	6.07234	0.0762296	0.26029109	2.4293860	21	2 7.5	18.2
93344 2000 SY_{245}	15.6	X	344.28140	37.24244	17.98310	14.71669	0.1867845	0.24024711	2.5626971	21	12 24.1	18.4
93345 2000 SG_{246}	15.3	X	85.30276	27.06615	129.69663	5.59508	0.1667262	0.26775133	2.3840478	21	6 4.4	18.3
93346 2000 SO_{247}	15.6	X	359.27007	320.82243	56.44763	4.84709	0.0205716	0.24049966	2.5609026	21	11 11.6	18.9
93347 2000 SX_{247}	15.6	X	20.37677	38.51814	99.11420	3.34859	0.1278512	0.25731098	2.4481076	21	1 4.1	18.1
93348 2000 SP_{250}	16.2	X	57.06792	224.40584	116.28717	4.68301	0.1877412	0.24254508	2.5464847	21	—	—
93349 2000 SJ_{251}	15.7	X	68.84971	173.40207	276.27032	1.64835	0.1614349	0.25508238	2.4623460	21	1 28.9	17.9
93350 2000 SR_{252}	15.6	X	11.43212	221.99023	128.05485	3.08132	0.0689703	0.23575885	2.5951196	21	10 28.6	18.7
93351 2000 SX_{252}	15.0	X	122.31460	15.16907	103.07800	6.01808	0.1125953	0.21761477	2.7374349	21	5 24.9	19.0
93352 2000 SZ_{252}	16.0	X	23.84700	215.86930	149.83899	4.49308	0.1500140	0.23933074	2.5692344	21	12 18.1	19.1
93353 2000 SF_{253}	15.8	X	218.62034	305.39844	136.53132	2.20841	0.0567467	0.22848326	2.6499222	21	7 23.4	19.6
93354 2000 SL_{256}	16.1	X	271.91297	335.84889	79.26634	3.64844	0.0887878	0.22958534	2.6414351	21	8 22.4	19.6
93355 2000 SK_{257}	15.8	X	278.49059	332.55453	139.14650	3.10178	0.1516382	0.23754970	2.5820603	21	11 8.4	18.8
93356 2000 SM_{260}	14.7	X	175.82204	154.21824	40.49619	22.85682	0.0429354	0.23449914	2.6044051	21	10 30.7	18.4
93357 2000 SP_{261}	15.7	X	239.77689	262.29737	123.00128	5.99547	0.0902360	0.22175924	2.7032210	21	6 1.4	19.7
93358 2000 SS_{261}	15.5	X	76.97435	304.28121	57.10038	6.00973	0.0480991	0.24442724	2.5333954	21	—	—
93359 2000 SA_{262}	14.8	X	0.60760	162.69361	41.52311	14.26578	0.1494203	0.21365639	2.7711420	21	3 20.4	18.0
93360 2000 ST_{262}	15.8	X	298.29008	291.23723	92.79151	4.52134	0.2877936	0.23014086	2.6371827	21	7 14.4	19.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93361 2000 SY_{262}	15.1	X	332.89101	338.09193	39.51896	14.26205	0.1048975	0.23394277	2.6085328	21	10 8.6	18.0
93362 2000 SQ_{263}	16.2	X	341.06220	72.07102	5.18486	13.78532	0.1066248	0.24279350	2.5447474	21	—	—
93363 2000 SA_{264}	16.1	X	137.62843	140.72916	155.17954	3.50093	0.0907831	0.24738613	2.5131543	21	—	—
93364 2000 SU_{265}	16.3	X	56.24158	216.23666	148.79562	7.15198	0.1506645	0.24354314	2.5395228	21	—	—
93365 2000 SR_{266}	15.9	X	274.59986	228.13520	172.93015	10.33058	0.1567270	0.22792884	2.6542176	21	7 23.5	19.7
93366 2000 SJ_{267}	15.7	X	162.76956	288.70790	345.81317	3.40969	0.0737098	0.24673011	2.5176071	21	—	—
93367 2000 SK_{268}	16.3	X	330.08024	312.46659	98.84239	2.74458	0.1757203	0.23595456	2.5936844	21	11 17.1	18.6
93368 2000 SO_{268}	14.4	X	183.15095	91.96823	50.68894	13.29613	0.1187510	0.22740590	2.6582851	21	9 4.7	18.8
93369 2000 SQ_{268}	15.8	X	273.06400	231.68974	149.59235	3.76982	0.1034616	0.22543323	2.6737703	21	7 4.2	19.5
93370 2000 SY_{268}	16.3	X	2.08988	242.70095	142.14955	4.75366	0.2501977	0.23763086	2.5814724	21	12 24.3	18.8
93371 2000 SP_{269}	15.6	X	319.46621	288.61318	96.77354	4.11302	0.1350105	0.23146744	2.6270970	21	9 20.6	18.4
93372 2000 SV_{269}	15.9	X	273.54545	231.16733	114.92102	5.11412	0.1176611	0.22140435	2.7061090	21	5 18.1	19.6
93373 2000 SJ_{270}	16.3	X	270.35043	271.20405	131.56390	3.38690	0.1511583	0.22711935	2.6605206	21	7 22.6	19.9
93374 2000 SK_{270}	15.1	X	16.13403	196.76268	65.61368	6.42926	0.1199639	0.22452023	2.6810138	21	7 5.4	18.0
93375 2000 SY_{270}	15.2	X	304.32196	181.34564	59.85032	8.74312	0.0962223	0.25928723	2.4356524	21	2 8.1	18.5
93376 2000 SF_{271}	15.0	X	89.00317	330.21448	184.89695	13.04080	0.1436700	0.21637295	2.7478988	21	6 5.9	19.0
93377 2000 SO_{271}	15.1	X	212.71906	12.41118	188.14371	13.05599	0.1116045	0.23984302	2.5655747	21	12 12.9	19.0
93378 2000 SQ_{271}	14.7	X	127.08226	186.50673	58.28194	13.36761	0.1129620	0.23592987	2.5938654	21	11 10.1	18.7
93379 2000 SU_{275}	14.9	X	242.32328	239.50240	210.72486	21.06235	0.0678098	0.22778126	2.6553640	21	8 25.5	19.0
93380 2000 SA_{276}	15.7	X	101.32127	152.99399	180.20426	2.16608	0.1499651	0.24545336	2.5263299	21	—	—
93381 2000 SK_{276}	15.5	X	101.85592	353.04732	261.94362	11.82144	0.1199531	0.23842867	2.5757106	21	10 23.9	19.5
93382 2000 SB_{277}	15.2	X	253.85392	170.27607	219.16113	13.29809	0.1701350	0.22339699	2.6899931	21	6 12.5	19.4
93383 2000 SG_{277}	16.0	X	22.26263	169.27057	212.48936	3.91879	0.2992545	0.23947117	2.5682298	21	—	—
93384 2000 SY_{277}	15.8	X	256.79297	112.20614	317.20068	1.62412	0.1078204	0.22754743	2.6571828	21	8 16.7	19.3
93385 2000 SS_{278}	15.2	X	307.78314	286.40469	35.41891	14.60313	0.1223996	0.22250978	2.6971389	21	5 26.9	18.7
93386 2000 SH_{279}	14.5	X	281.03363	46.95175	38.02747	13.24532	0.2188683	0.23052473	2.6342543	21	9 28.9	17.7
93387 2000 SR_{279}	14.9	X	176.35707	352.35234	74.19045	14.26448	0.1362912	0.21813053	2.7331182	21	5 18.3	19.2
93388 2000 ST_{279}	14.8	X	216.97726	328.99528	77.51619	13.61885	0.1141242	0.22142777	2.7059182	21	6 1.3	18.9
93389 2000 SK_{280}	15.1	X	22.31768	287.70565	341.13936	4.33428	0.0535909	0.22563766	2.6721550	21	7 21.2	18.4
93390 2000 SC_{281}	14.8	X	214.60169	4.91985	282.45517	12.88711	0.0306928	0.25831919	2.4417336	21	—	—
93391 2000 SE_{282}	15.7	X	43.65223	324.70366	306.14679	4.08805	0.1294144	0.23280665	2.6170125	21	9 3.8	18.7
93392 2000 SX_{284}	15.2	X	255.15301	181.55185	321.54273	9.07082	0.1486118	0.23922322	2.5700042	21	11 12.4	18.6
93393 2000 SB_{285}	15.4	X	343.21368	43.87173	211.52964	11.25052	0.1369084	0.22154217	2.7049865	21	4 22.7	18.4
93394 2000 ST_{285}	14.9	X	113.32514	175.08371	266.97431	5.66724	0.1108855	0.25888732	2.4381600	21	3 18.1	18.1
93395 2000 SQ_{286}	15.8	X	120.80503	204.29691	266.49746	5.64739	0.0416293	0.26854091	2.3793723	21	4 26.5	18.8
93396 2000 SG_{287}	15.1	X	340.64530	56.85747	269.80818	13.71082	0.1235219	0.22740438	2.6582970	21	7 28.9	18.1
93397 2000 SH_{287}	15.2	X	291.48163	62.84058	285.19669	10.72092	0.2142020	0.22467550	2.6797785	21	5 26.6	18.8
93398 2000 SL_{287}	14.4	X	237.42667	171.41458	336.13539	13.60546	0.1900903	0.23309184	2.6148774	21	10 17.2	18.4
93399 2000 SC_{288}	14.3	X	280.55418	113.90483	16.34493	14.06530	0.0885518	0.23597197	2.5935569	21	12 11.5	17.8
93400 2000 SW_{288}	15.7	X	342.22552	126.04893	220.54780	8.56269	0.1093205	0.23290571	2.6162704	21	9 1.1	18.8
93401 2000 SE_{293}	14.6	X	219.17994	137.92867	356.69259	13.22860	0.1180856	0.23030646	2.6359184	21	9 24.5	18.3
93402 2000 SG_{293}	14.8	X	82.62734	134.22072	15.16259	26.03852	0.1247575	0.26157872	2.4214069	21	5 2.1	18.1
93403 2000 SM_{293}	15.1	X	22.15705	16.30775	299.41589	8.73605	0.2026438	0.23292170	2.6161507	21	10 9.5	18.1
93404 2000 SQ_{293}	15.4	X	87.05088	305.26995	356.44556	13.55721	0.1804639	0.23933656	2.5691928	21	12 13.1	19.7
93405 2000 SV_{293}	15.5	X	60.95599	8.14359	322.10261	8.56951	0.2157658	0.23950528	2.5679860	21	12 27.9	19.4
93406 2000 SZ_{293}	14.3	X	328.25313	35.00153	21.29322	22.42567	0.0602337	0.23475146	2.6025386	21	11 11.8	17.8
93407 2000 SM_{294}	14.5	X	160.71750	241.71847	350.18979	14.81030	0.1006945	0.23870817	2.5736997	21	11 22.3	18.7
93408 2000 SV_{294}	14.7	X	204.77452	111.47617	357.36882	14.65596	0.1115443	0.22449455	2.6812184	21	8 13.1	18.9
93409 2000 SS_{296}	15.5	X	164.67303	129.52722	336.48909	10.63492	0.1290543	0.22271689	2.6954666	21	6 24.4	19.9
93410 2000 SJ_{297}	15.2	X	148.55100	177.03057	328.19446	7.83191	0.0217281	0.22701896	2.6613049	21	7 22.9	18.9
93411 2000 SY_{298}	15.5	X	236.45077	166.33812	241.42055	5.84206	0.1196087	0.27240517	2.3568168	21	6 22.0	18.8
93412 2000 ST_{300}	16.0	X	323.96088	114.68848	306.17483	3.23648	0.1806202	0.23682526	2.5873233	21	11 16.4	18.3
93413 2000 SB_{301}	16.0	X	348.19450	118.40089	323.98978	3.04392	0.0941033	0.24342868	2.5403188	21	—	—
93414 2000 SC_{301}	15.8	X	305.72413	4.26973	1.58124	9.49306	0.0735318	0.22883677	2.6471924	21	8 8.1	19.1
93415 2000 SW_{301}	15.3	X	323.61333	351.03082	5.02267	9.16792	0.1266515	0.23018050	2.6368800	21	8 17.9	18.2
93416 2000 SG_{303}	15.9	X	196.58088	198.08479	224.47937	4.91245	0.1427881	0.22066604	2.7121418	21	5 31.0	20.2
93417 2000 SV_{303}	14.6	X	119.49902	195.23896	278.44717	8.49632	0.1587051	0.21493935	2.7601039	21	5 19.1	18.7
93418 2000 SB_{305}	15.4	X	166.69345	199.44934	288.65907	6.53778	0.0379885	0.22550787	2.6731803	21	7 21.8	19.2
93419 2000 SS_{305}	15.4	X	353.17803	125.59003	216.23742	12.17901	0.1903595	0.23294154	2.6160021	21	9 18.1	17.9
93420 2000 SC_{307}	14.5	X	76.64737	243.04464	349.18972	9.85294	0.1285045	0.22817283	2.6523252	21	8 30.9	18.1
93421 2000 SK_{307}	14.9	X	202.83069	115.03513	349.50212	12.31036	0.1269750	0.22580050	2.6708702	21	8 3.1	19.2
93422 2000 SB_{308}	15.2	X	248.33330	78.08252	2.40259	14.92892	0.1221488	0.22826051	2.6516459	21	8 24.5	19.0
93423 2000 SG_{308}	15.4	X	255.56392	241.85605	251.03560	9.68727	0.1316139	0.23684608	2.5871717	21	11 3.5	18.7
93424 2000 SP_{312}	15.1	X	109.60251	16.84235	289.20914	13.78794	0.1920576	0.24529548	2.5274138	21	—	—
93425 2000 SC_{314}	14.9	X	160.95397	327.63029	267.98397	14.20309	0.1199549	0.24001026	2.5643827	21	11 30.9	19.0
93426 2000 SQ_{315}	15.2	X	116.99316	298.78841	290.31123	12.59567	0.1982390	0.23632624	2.5909643	21	10 9.1	19.7
93427 2000 SY_{315}	14.9	X	36.30611	302.67821	266.80236	11.73997	0.1577977	0.27067608	2.3668431	21	5 24.7	17.1
93428 2000 ST_{316}	15.6	X	73.53335	346.70873	293.89209	12.97098	0.1544954	0.23880353	2.5730144	21	10 27.2	19.6
93429 2000 SE_{317}	15.4	X	103.35307	3.86348	271.16788	12.41093	0.1406143	0.24146684	2.5540597	21	11 23.9	19.4
93430 2000 SG_{317}	15.0	X	322.49445	221.94360	251.16379	12.22048	0.0658471	0.24604820	2.5222565	21	—	—
93431 2000 SS_{317}	14.9	X	19.26699	350.33547	239.65696	15.06535	0.1138274	0.22303545	2.6928993	21	5 23.7	17.9
93432 2000 SN_{318}	15.3	X	221.79178	199.91103	248.52245	23.37255	0.1446443	0.27614520	2.3354884	21	7 20.4	19.2
93433 2000 SN_{319}	14.0	X	349.23330	101.91532	353.44235	12.45754	0.1467511	0.24098341	2.5574744	21	—	—
93434 2000 ST_{319}	14.1	X	151.17922	183.30607	322.21913	8.22949	0.2072473	0.21665509	2.7455126	21	8 3.4	18.8
93435 2000 SS_{320}	14.8	X	185.93007	28.17562	20.33964	12.88937	0.1713339	0.21511797	2.7585758	21	5 1.1	19.4
93436 2000 SO_{326}	16.4	X	128.79910	178.48507	16.06227	3.54758	0.0302946	0.23002866	2.6380403	21	9 2.6	20.1
93437 2000 SG_{327}	14.7	X	225.80718	308.51236	133.73683	14.14673	0.2320945	0.22602329	2.6691148	21	7 16.6	19.1
93438 2000 SR_{327}	15.7	X	354.02912	59.18177	310.13197	2.42870	0.1442846	0.23486617	2.6016911	21	10 31.1	18.4
93439 2000 SF_{328}	15.1	X	59.84593	224.02044	266.48515	6.19365	0.0951795	0.20997637	2.8034260	21	3 10.9	18.6
93440 2000 SX_{328}	15.1	X	245.80421	211.04330	231.42606	21.29918	0.0469400	0.23097895	2.6307997	21	8 19.7	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93441 2000 SV_{330}	16.1	X	295.32958	317.93978	80.29846	3.30402	0.2137720	0.22971575	2.6404353	21	8 13.2	19.2
93442 2000 SO_{333}	15.9	X	92.26040	41.45769	52.09131	2.87884	0.1419762	0.26049308	2.4281300	21	3 13.6	18.6
93443 2000 SK_{336}	15.5	X	124.35357	54.96898	268.21816	4.41476	0.0936452	0.24670086	2.5178060	21	—	—
93444 2000 SN_{336}	14.8	X	123.20546	118.55494	353.40917	7.53033	0.1799151	0.21490537	2.7603948	21	5 22.3	19.1
93445 2000 SU_{336}	15.4	X	266.84752	317.74912	24.81655	11.28523	0.1100595	0.21949962	2.7217414	21	5 3.0	19.4
93446 2000 SV_{339}	14.9	X	83.19032	225.13899	218.54759	9.10741	0.1667874	0.25424277	2.4677641	21	2 12.7	17.8
93447 2000 SZ_{339}	15.3	X	144.69832	199.65954	6.83567	5.80266	0.0489485	0.23231732	2.6206860	21	10 7.3	19.0
93448 2000 SA_{345}	14.9	X	22.59836	325.04089	69.43152	17.11509	0.1834104	0.24249677	2.5468229	21	—	—
93449 2000 SD_{347}	13.9	X	167.11113	232.35702	263.89209	24.48689	0.2462867	0.22487861	2.6781647	21	7 27.3	19.0
93450 2000 SP_{347}	15.5	X	314.41235	107.20445	316.57313	22.15015	0.0389779	0.24019809	2.5630457	21	10 30.2	19.4
93451 2000 SE_{349}	15.4	X	317.75358	24.83607	100.90781	14.37356	0.1144235	0.24414992	2.5353134	21	—	—
93452 2000 SY_{351}	14.6	X	291.79284	19.24276	112.06773	14.86117	0.1049942	0.24269425	2.5454411	21	—	—
93453 2000 SZ_{351}	16.0	X	139.19227	122.26070	144.79036	4.48261	0.1177915	0.24412445	2.5354898	21	12 19.2	20.0
93454 2000 SP_{352}	14.9	X	255.85675	352.54133	122.89772	14.35639	0.1219176	0.23455292	2.6040070	21	10 21.4	18.6
93455 2000 SS_{352}	15.5	X	93.74638	277.18336	40.44313	27.06428	0.1101136	0.24345399	2.5401427	21	—	—
93456 2000 SG_{357}	14.6	X	170.11739	165.73555	60.99197	25.44450	0.1350229	0.24094087	2.5577754	21	11 27.7	18.6
93457 2000 ST_{358}	15.3	X	47.14522	245.81348	141.72325	15.00085	0.1833094	0.24309116	2.5426696	21	—	—
93458 2000 SX_{358}	15.1	X	196.08387	18.03601	95.33883	13.45788	0.0624147	0.22805987	2.6532009	21	8 9.4	19.0
93459 2000 SK_{360}	15.3	X	164.61284	291.47554	124.99535	9.85626	0.1668827	0.21474061	2.7618066	21	4 28.4	19.9
93460 2000 SV_{360}	15.9	X	333.57375	216.91879	223.66905	3.29742	0.0733871	0.24458046	2.5323373	21	—	—
93461 2000 ST_{363}	16.2	X	184.54210	335.94984	41.27823	8.13353	0.1103725	0.26487455	2.4012787	21	3 21.7	19.7
93462 2000 SJ_{367}	15.2	X	194.40434	93.79522	345.97370	13.50593	0.0651405	0.22328593	2.6908850	21	6 21.7	19.4
93463 2000 SC_{368}	16.0	X	341.76915	184.82348	150.13219	3.87349	0.0936862	0.23260402	2.6185321	21	8 18.3	18.8
93464 2000 SA_{369}	16.0	X	63.91073	8.44155	282.60047	6.22486	0.1357949	0.23838649	2.5760144	21	10 29.8	19.6
93465 2000 SY_{369}	16.0	X	54.11708	198.78038	124.59658	8.08517	0.1978402	0.24120506	2.5559073	21	12 10.6	19.7
93466 2000 TO	15.2	X	255.40778	246.04444	22.52107	7.88959	0.1886625	0.21161967	2.7888942	21	1 18.7	19.8
93467 2000 TM_{5}	16.0	X	228.65452	266.62433	7.04261	5.35940	0.0765833	0.25628519	2.4546357	21	—	—
93468 2000 TY_{5}	15.9	X	41.86642	135.90894	336.50858	2.21768	0.1458696	0.25446483	2.4663282	21	1 8.6	18.0
93469 2000 TW_{10}	15.8	X	147.83813	77.83361	205.19548	2.18590	0.1039362	0.24607009	2.5221069	21	—	—
93470 2000 TW_{11}	15.3	X	108.94174	188.64445	18.45579	9.42039	0.0783515	0.22985693	2.6393541	21	9 2.3	19.1
93471 2000 TU_{12}	15.1	X	227.41896	284.56433	66.52424	9.40994	0.0229305	0.21590282	2.7518864	21	4 12.3	19.0
93472 2000 TV_{12}	15.7	X	352.32996	55.68066	249.94685	3.90431	0.2305640	0.22848342	2.6499210	21	7 21.3	17.7
93473 2000 TY_{13}	15.4	X	242.34892	122.27976	20.57056	15.23412	0.1087826	0.23676911	2.5877324	21	11 1.1	19.1
93474 2000 TU_{14}	16.0	X	277.05568	324.59101	355.09097	2.03587	0.0820993	0.21941004	2.7224822	21	4 20.9	19.7
93475 2000 TB_{17}	13.9	X	219.35161	90.10750	46.73149	16.59404	0.1761765	0.18378854	3.0637766	21	9 27.1	19.0
93476 2000 TG_{17}	15.7	X	183.47363	287.18246	140.87341	9.78526	0.1427261	0.21894467	2.7263386	21	5 27.5	20.2
93477 2000 TL_{17}	15.5	X	115.96777	56.13425	198.00736	11.55146	0.0349187	0.23576810	2.5950517	21	11 4.8	19.0
93478 2000 TQ_{19}	15.7	X	357.79630	250.91415	99.41593	6.26540	0.1128370	0.23528945	2.5985700	21	10 13.1	18.6
93479 2000 TM_{20}	15.3	X	331.70344	313.45270	84.85908	8.61757	0.1936757	0.23581152	2.5947332	21	11 3.8	17.6
93480 2000 TZ_{20}	15.9	X	31.64486	254.19546	140.83360	8.17637	0.1388487	0.24424901	2.5346277	21	—	—
93481 2000 TN_{21}	15.2	X	343.41660	257.77588	56.95303	13.77791	0.1919098	0.22964404	2.6409850	21	7 19.0	17.9
93482 2000 TO_{21}	15.9	X	54.86876	307.86436	52.92873	14.23488	0.1843548	0.24342616	2.5403363	21	—	—
93483 2000 TM_{22}	15.1	X	170.91239	98.94357	321.16260	8.12167	0.1566365	0.21446188	2.7641990	21	4 30.6	19.7
93484 2000 TP_{22}	15.8	X	83.58683	90.42514	191.32979	7.50597	0.1856610	0.23715702	2.5849098	21	11 18.2	19.8
93485 2000 TS_{24}	16.0	X	246.35902	296.62030	136.92706	3.50051	0.1019648	0.22803572	2.6533882	21	8 9.9	19.7
93486 2000 TE_{25}	15.3	X	222.10795	217.96776	38.49496	7.23862	0.1081009	0.25181089	2.4836270	21	—	—
93487 2000 TD_{26}	15.8	X	8.73773	116.83638	120.08301	1.57373	0.0522476	0.22099641	2.7094381	21	5 15.5	19.2
93488 2000 TV_{32}	15.4	X	223.76910	314.79717	160.26227	4.03551	0.1675300	0.22801736	2.6535307	21	8 30.9	19.5
93489 2000 TT_{33}	15.4	X	6.62636	138.15465	204.68983	7.46212	0.2006616	0.23290648	2.6162646	21	10 24.7	17.7
93490 2000 TV_{33}	15.3	X	323.25878	163.23303	225.46344	10.47201	0.1434699	0.23301900	2.6154223	21	9 26.2	18.1
93491 2000 TC_{34}	14.9	X	250.83581	185.08701	216.75105	7.44191	0.2415880	0.22359935	2.6883699	21	6 17.8	19.2
93492 2000 TD_{36}	15.3	X	218.46482	224.28671	223.51120	5.75218	0.2673574	0.22400550	2.6851193	21	7 14.2	20.1
93493 2000 TN_{38}	13.7	X	148.80715	89.87306	35.78128	13.12734	0.1228581	0.22573037	2.6714234	21	7 2.9	18.0
93494 2000 TA_{39}	15.6	X	5.83508	261.92977	146.81142	13.49337	0.2390056	0.24216454	2.5491517	21	—	—
93495 2000 TB_{39}	15.5	X	160.70594	26.28735	66.26017	7.48433	0.0798653	0.27004051	2.3705554	21	5 28.7	18.6
93496 2000 TT_{41}	15.3	X	205.71247	355.96904	132.34058	9.54332	0.1068450	0.23213103	2.6220879	21	9 5.6	19.2
93497 2000 TV_{42}	16.2	X	123.50938	301.48070	116.69789	9.16018	0.2135102	0.25876936	2.4389009	21	3 21.2	19.7
93498 2000 TH_{45}	14.8	X	246.43523	53.69577	50.15431	13.35473	0.1264203	0.23330498	2.6132846	21	9 23.7	18.6
93499 2000 TK_{46}	15.5	X	197.31966	64.59517	39.11421	4.79661	0.1092783	0.22640883	2.6660839	21	7 25.7	19.5
93500 2000 TU_{49}	14.6	X	94.69718	164.51379	61.44993	14.41852	0.1278537	0.23054835	2.6340744	21	9 20.9	18.7
93501 2000 TE_{50}	15.2	X	264.01020	294.94295	153.92693	12.44028	0.1380048	0.23169621	2.6253674	21	9 19.1	18.6
93502 2000 TN_{50}	15.0	X	154.64126	174.95298	71.28861	11.71154	0.0776942	0.24069293	2.5595316	21	12 8.8	18.8
93503 2000 TJ_{51}	15.1	X	322.04615	206.30406	117.02157	10.20355	0.0735352	0.22513593	2.6761236	21	6 30.6	18.4
93504 2000 TM_{52}	15.6	X	217.81993	308.69174	189.15373	4.54778	0.0231326	0.23383732	2.6093169	21	10 9.6	19.1
93505 2000 TF_{53}	15.3	X	226.07068	66.40192	51.38970	15.47185	0.0797111	0.23191566	2.6237110	21	9 24.7	19.3
93506 2000 TS_{54}	15.6	X	228.62016	296.15774	36.29958	5.02946	0.0747821	0.21367878	2.7709485	21	3 16.3	19.8
93507 2000 TA_{56}	16.2	X	74.80052	220.69938	153.56632	8.65880	0.2451285	0.24538578	2.5267937	21	—	—
93508 2000 TM_{56}	15.9	X	295.02655	311.37310	183.95279	13.08427	0.1839111	0.24081721	2.5586509	21	—	—
93509 2000 TP_{56}	15.4	X	192.26160	145.85725	324.52633	11.28261	0.1544223	0.22728624	2.6592181	21	7 27.9	19.6
93510 2000 TT_{56}	15.6	X	205.36845	35.76593	40.53387	6.87672	0.1037126	0.27426903	2.3461271	21	6 27.1	19.0
93511 2000 TA_{60}	14.5	X	255.35484	14.47409	92.62548	15.07986	0.1024612	0.23317379	2.6142647	21	10 14.3	18.3
93512 2000 TO_{60}	14.9	X	348.84776	336.80744	134.56239	13.52571	0.0957634	0.24651150	2.5190953	21	—	—
93513 2000 TP_{61}	15.2	X	252.67556	32.81388	79.37718	13.22158	0.1318877	0.23387707	2.6090213	21	10 11.9	18.9
93514 2000 TA_{62}	15.4	X	259.52548	315.45304	144.21246	14.09833	0.2031549	0.23206638	2.6225749	21	9 18.8	19.0
93515 2000 TS_{62}	16.1	X	1.35690	342.17873	16.72103	2.90956	0.0831337	0.23527206	2.5986980	21	10 24.6	18.9
93516 2000 TA_{63}	15.8	X	314.20742	0.82808	76.63763	3.19418	0.1504015	0.23635390	2.5907621	21	11 23.1	18.1
93517 2000 TF_{63}	15.0	X	165.68327	342.71620	257.58020	13.07341	0.0530820	0.24339959	2.5405212	21	12 15.2	18.5
93518 2000 TU_{63}	16.3	X	337.38756	328.97377	331.30665	4.50207	0.1743647	0.22706333	2.6609582	21	6 11.7	19.0
93519 2000 TV_{63}	15.5	X	348.73458	274.28292	3.89463	14.01491	0.0941249	0.22451818	2.6810302	21	6 5.1	18.9
93520 2000 TW_{63}	16.0	X	231.56443	357.25993	268.34646	3.21522	0.1723828	0.25591476	2.4570038	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93521 2000 TX_{65}	15.8	X	339.34041	255.63804	206.60523	14.93245	0.1461265	0.24316440	2.5421591	21	—	—
93522 2000 TK_{67}	16.1	X	69.87637	272.00037	77.30024	2.54482	0.0894495	0.24368447	2.5385408	21	—	—
93523 2000 TQ_{67}	14.8	X	185.22586	218.16041	2.48689	4.60340	0.1763975	0.24082056	2.5586272	21	12 2.2	18.8
93524 2000 UQ	15.4	X	220.82401	339.64798	40.91677	5.00617	0.0928519	0.21651449	2.7467011	21	5 3.9	19.6
93525 2000 UX	14.6	X	217.16620	56.45373	48.63892	12.04848	0.1484458	0.22487082	2.6782265	21	8 18.8	19.0
93526 2000 UY	14.8	X	46.23278	228.70094	174.12180	1.90210	0.0360452	0.19605380	2.9346245	21	—	—
93527 2000 UW_1	14.4	X	114.60231	328.39656	66.25150	39.55512	0.1982961	0.20424716	2.8556087	21	3 3.5	19.4
93528 2000 UL_4	15.8	X	309.56320	183.79380	208.48358	13.64252	0.1798764	0.23037358	2.6354065	21	8 29.7	18.9
93529 2000 UM_6	15.5	X	354.27860	208.97473	201.61860	3.55445	0.1235649	0.23908139	2.5710205	21	12 28.2	18.4
93530 2000 UW_6	15.5	X	14.69727	152.16600	204.37143	2.69956	0.2001395	0.23655420	2.5892994	21	11 28.9	18.3
93531 2000 UA_7	15.6	X	49.68059	304.59471	43.03670	13.81662	0.1985874	0.23991338	2.5650730	21	—	—
93532 2000 UL_9	15.0	X	161.70440	172.14854	231.48622	5.75779	0.1243709	0.25901864	2.4373358	21	3 27.7	18.5
93533 2000 UO_{12}	15.0	X	20.28973	66.84248	253.31935	2.67554	0.1784116	0.23115844	2.6294377	21	10 12.5	17.9
93534 2000 UU_{13}	14.8	X	253.66515	31.16636	46.96523	12.91055	0.1722056	0.22596859	2.6695455	21	8 21.9	18.9
93535 2000 UL_{14}	15.1	X	168.00662	10.45563	39.76939	9.76315	0.1330815	0.26031461	2.4292396	21	4 15.9	18.8
93536 2000 UM_{14}	15.4	X	163.07864	187.20176	285.31578	6.67542	0.2325188	0.21958046	2.7210734	21	7 3.5	20.2
93537 2000 UV_{14}	14.8	X	197.91566	145.48589	27.95052	15.05834	0.1705652	0.23281703	2.6169347	21	10 18.5	18.9
93538 2000 UJ_{17}	15.7	X	174.84402	327.80126	104.86468	4.58879	0.1794440	0.21739734	2.7392599	21	5 24.6	20.3
93539 2000 US_{17}	14.8	X	147.19528	51.51701	66.56846	12.51862	0.1414125	0.21869784	2.7283896	21	6 21.5	19.1
93540 2000 UG_{19}	15.3	X	317.80520	313.34871	146.10411	13.90229	0.1434093	0.23711057	2.5852474	21	12 31.9	18.2
93541 2000 UT_{20}	15.4	X	78.38465	223.83109	63.24412	3.38071	0.0986096	0.23575499	2.5951480	21	11 8.4	19.0
93542 2000 UY_{20}	15.5	X	12.45326	250.16154	65.30229	5.50361	0.1141223	0.23067106	2.6331401	21	9 17.9	18.4
93543 2000 UG_{21}	15.8	X	173.82974	212.50426	184.75689	4.50169	0.0822886	0.21339767	2.7733814	21	4 5.7	20.0
93544 2000 UV_{21}	15.1	X	353.85885	251.18711	103.02105	3.47504	0.0317975	0.23176497	2.6248482	21	10 5.2	18.3
93545 2000 UY_{21}	15.1	X	338.24877	270.59785	124.43617	3.50921	0.0622355	0.23489773	2.6014581	21	11 7.3	18.2
93546 2000 UT_{22}	15.2	X	267.59355	275.04345	131.01562	4.80867	0.1049391	0.22643769	2.6658573	21	7 30.6	18.7
93547 2000 UC_{23}	15.4	X	183.13793	307.29055	121.10708	3.64440	0.2093931	0.21742073	2.7390634	21	5 26.7	20.0
93548 2000 UL_{23}	15.5	X	341.84414	333.01172	135.04212	5.31307	0.1558906	0.24285529	2.5443157	21	—	—
93549 2000 UP_{23}	15.2	X	226.98700	133.85036	201.74466	12.41571	0.2493139	0.21484070	2.7609488	21	3 7.3	20.1
93550 2000 UY_{23}	15.3	X	306.26989	31.96817	81.02322	8.60577	0.1532258	0.23868112	2.5738941	21	12 29.0	17.8
93551 2000 UL_{24}	14.5	X	92.03708	165.00214	63.46287	13.03335	0.0123524	0.22690905	2.6621642	21	9 3.7	18.4
93552 2000 UO_{25}	15.5	X	115.29424	258.27588	174.49622	5.42349	0.1113326	0.20887121	2.8133061	21	3 18.8	19.3
93553 2000 UT_{25}	15.4	X	200.14900	338.11367	111.45548	6.05530	0.1032130	0.22177939	2.7030574	21	7 9.1	19.4
93554 2000 UM_{27}	15.7	X	21.22620	295.67884	97.53829	6.24101	0.2765353	0.23981396	2.5657819	21	—	—
93555 2000 US_{27}	15.2	X	276.47905	240.76403	201.36709	10.54503	0.2123490	0.22908443	2.6452841	21	9 10.7	18.7
93556 2000 UK_{31}	16.0	X	120.38399	159.63944	60.29778	4.22237	0.0225562	0.23100871	2.6305737	21	9 25.9	19.5
93557 2000 UH_{34}	16.0	X	263.74450	88.17804	9.13559	3.62636	0.0939327	0.23263062	2.6183325	21	10 5.1	19.2
93558 2000 UJ_{36}	15.8	X	312.87095	347.58788	350.66448	2.20312	0.0725494	0.22533475	2.6745492	21	7 7.8	19.0
93559 2000 UA_{37}	15.3	X	15.93467	293.77758	167.05040	2.09377	0.0866957	0.24710718	2.5150452	21	—	—
93560 2000 UB_{37}	16.1	X	50.48723	264.89231	92.08890	2.71623	0.2139546	0.24111626	2.5565348	21	—	—
93561 2000 UO_{37}	14.9	X	170.33781	310.30828	200.90674	4.35887	0.2169617	0.22351978	2.6890079	21	8 24.3	19.5
93562 2000 UW_{37}	15.5	X	216.28845	195.66144	217.31912	7.08398	0.1611635	0.22029393	2.7151950	21	6 6.1	19.8
93563 2000 UY_{37}	14.1	X	238.43870	286.38686	220.49480	7.39579	0.1450738	0.18620104	3.0372555	21	10 23.4	18.4
93564 2000 UR_{38}	15.5	X	348.11276	284.56829	47.82426	6.87580	0.1841256	0.23007874	2.6376574	21	8 30.1	17.9
93565 2000 UB_{39}	15.6	X	276.49088	43.17643	53.17337	7.24565	0.0517130	0.23410670	2.6073149	21	10 29.4	18.9
93566 2000 UC_{39}	15.4	X	161.40953	32.01579	54.74833	5.75189	0.0871628	0.21739247	2.7393007	21	5 24.4	19.5
93567 2000 UD_{39}	15.9	X	276.08855	330.61117	68.94003	3.31182	0.0926584	0.22686794	2.6624858	21	8 5.6	19.3
93568 2000 UE_{39}	14.5	X	36.19718	228.13639	47.59149	13.75588	0.1582749	0.22841462	2.6504531	21	9 12.8	17.8
93569 2000 UG_{39}	15.2	X	320.17356	195.06904	55.10045	5.48680	0.0178689	0.21324962	2.7746649	21	3 30.6	18.9
93570 2000 UY_{41}	15.4	X	253.27501	16.48737	90.15861	1.26690	0.0630012	0.23140703	2.6275542	21	10 8.7	18.8
93571 2000 UP_{42}	15.2	X	349.28159	225.73081	210.12459	8.92917	0.1515580	0.24009682	2.5637664	21	—	—
93572 2000 UT_{42}	15.7	X	315.42902	228.69774	165.77155	3.00520	0.0978703	0.23118668	2.6292235	21	9 27.8	18.6
93573 2000 UU_{42}	15.5	X	206.12896	154.47618	209.61158	11.35487	0.1601357	0.21410342	2.7672835	21	3 26.8	20.2
93574 2000 UG_{43}	15.4	X	318.44962	291.01943	56.80694	5.63199	0.1009766	0.22624278	2.6673882	21	7 28.3	18.5
93575 2000 UD_{44}	14.8	X	22.68593	173.60656	41.75404	12.70987	0.0376559	0.21563390	2.7541739	21	5 6.1	18.1
93576 2000 UL_{44}	15.9	X	9.17947	16.59472	34.55146	3.80109	0.1648810	0.24001303	2.5643630	21	—	—
93577 2000 UA_{46}	15.7	X	206.00907	358.86688	41.86232	4.69290	0.0936323	0.21729136	2.7401505	21	5 13.5	19.9
93578 2000 UW_{47}	15.7	X	336.07905	76.47352	346.08364	0.71571	0.0916202	0.23660017	2.5889640	21	12 11.2	18.7
93579 2000 UZ_{47}	14.0	X	46.81773	79.66483	54.40881	15.61040	0.0948770	0.20643625	2.8353852	21	3 8.9	17.8
93580 2000 UC_{48}	16.5	X	268.22689	251.41599	199.16009	4.85348	0.2877597	0.22880239	2.6474576	21	8 31.4	20.3
93581 2000 UD_{48}	16.2	X	47.88311	197.03287	183.93238	3.47213	0.2425035	0.24233559	2.5479521	21	—	—
93582 2000 UP_{48}	14.9	X	301.51805	125.53344	341.73644	1.57735	0.1823139	0.23623966	2.5915973	21	12 7.9	17.3
93583 2000 UC_{51}	14.2	X	179.16708	298.62365	234.20090	6.13638	0.1778693	0.18126571	3.0921385	21	9 23.8	19.3
93584 2000 UL_{51}	16.0	X	306.92800	255.31411	93.99205	4.16316	0.1753481	0.22609053	2.6685856	21	6 27.9	19.0
93585 2000 UE_{52}	14.2	X	141.01797	164.01453	44.50467	12.05968	0.0411676	0.18205456	3.0831999	21	10 4.9	18.8
93586 2000 UH_{52}	15.2	X	254.99080	203.20308	227.02505	13.98017	0.0634010	0.22635688	2.6664918	21	8 15.9	19.1
93587 2000 UJ_{52}	14.6	X	233.33661	102.92268	56.14455	9.68169	0.1691989	0.23344166	2.6122644	21	11 6.4	18.3
93588 2000 UO_{52}	15.6	X	323.61106	128.38980	234.02388	6.12130	0.1248540	0.22808401	2.6530137	21	8 20.2	18.7
93589 2000 UV_{52}	15.2	X	217.46218	156.31519	233.96448	4.52257	0.0799677	0.21675744	2.7446483	21	5 13.5	19.3
93590 2000 UY_{52}	15.2	X	214.35215	345.79470	57.20907	13.88412	0.1567341	0.21782565	2.7356679	21	5 22.3	19.6
93591 2000 US_{53}	14.8	X	335.28624	247.86035	61.02858	12.77337	0.1794011	0.22469286	2.6796405	21	6 19.3	17.6
93592 2000 UD_{54}	16.0	X	48.68767	181.73282	163.06841	3.02842	0.2471878	0.23950051	2.5680201	21	—	—
93593 2000 UF_{54}	14.7	X	341.02116	295.25887	124.73798	4.25366	0.1570051	0.23697453	2.5862367	21	12 21.0	17.3
93594 2000 UH_{54}	15.3	X	304.52524	4.57086	62.16094	13.48488	0.1522117	0.23257149	2.6187763	21	10 23.9	18.2
93595 2000 UZ_{54}	15.0	X	97.08818	45.83703	86.50257	8.34006	0.0764456	0.21310975	2.7758788	21	5 8.5	18.8
93596 2000 UN_{55}	14.7	X	261.69799	5.42800	74.85909	14.14131	0.0630053	0.22821435	2.6520035	21	9 22.5	18.5
93597 2000 UX_{55}	15.6	X	82.22962	285.24600	81.34027	8.13223	0.2614071	0.24543819	2.5264340	21	—	—
93598 2000 UD_{56}	15.4	X	65.35533	247.88572	112.26837	4.66645	0.2552618	0.24247310	2.5469886	21	—	—
93599 2000 UA_{57}	15.4	X	156.69200	294.02111	224.11284	13.23575	0.1165828	0.22582900	2.6706455	21	8 15.8	19.8
93600 2000 UN_{57}	15.7	X	277.73474	82.65466	299.70022	3.81073	0.0583942	0.22671527	2.6636810	21	7 19.5	19.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93601 2000 UR_{57}	15.6	X	225.42675	45.66107	338.50268	6.69078	0.1253782	0.22007926	2.7169604	21	5 8.9	19.9
93602 2000 UG_{58}	15.7	X	45.55959	176.08771	290.32714	4.68340	0.0926919	0.25281392	2.4770535	21	1 7.3	18.1
93603 2000 UO_{58}	15.3	X	133.31838	99.31804	5.32486	8.52147	0.0896810	0.21693559	2.7431455	21	5 13.6	19.4
93604 2000 UP_{58}	15.8	X	311.80872	144.88264	327.36026	4.09507	0.1369332	0.24089183	2.5581225	21	—	—
93605 2000 UR_{58}	15.1	X	117.33067	92.61755	222.49095	13.84563	0.1573721	0.24599641	2.5226105	21	—	—
93606 2000 UU_{60}	14.8	X	296.62042	274.77150	10.62081	8.55458	0.1277628	0.21727595	2.7402800	21	3 26.7	18.6
93607 2000 UQ_{61}	14.6	X	157.44840	281.46096	334.99736	5.23631	0.1653911	0.24242126	2.5473517	21	12 22.1	18.7
93608 2000 UR_{61}	15.0	X	158.62465	203.97271	241.10218	8.56068	0.1796219	0.21648811	2.7469243	21	5 24.7	19.5
93609 2000 UX_{61}	15.1	X	114.45348	86.36975	283.38744	2.83044	0.1293422	0.25068406	2.4910641	21	—	—
93610 2000 UK_{62}	15.3	X	82.74912	199.04382	259.96551	4.36184	0.0768704	0.25645763	2.4535352	21	2 21.6	18.3
93611 2000 UZ_{62}	15.8	X	336.48693	138.00536	319.24820	3.98335	0.1145920	0.24174905	2.5520717	21	—	—
93612 2000 UH_{63}	15.4	X	174.36479	193.58365	258.08125	3.52981	0.1367734	0.21949051	2.7218168	21	6 15.2	19.5
93613 2000 UL_{64}	15.2	X	119.12788	237.94205	2.60825	11.24946	0.0691081	0.23487386	2.6016344	21	10 20.3	19.1
93614 2000 UZ_{65}	15.4	X	189.77085	27.35587	350.52283	1.33037	0.0895986	0.21347014	2.7727537	21	3 29.1	19.5
93615 2000 UO_{66}	15.0	X	87.69781	254.52961	18.71705	13.17838	0.1289126	0.23560447	2.5962531	21	11 1.7	18.9
93616 2000 UW_{66}	15.4	X	321.36188	133.03328	237.13405	11.47751	0.0229516	0.22972281	2.6403812	21	9 2.4	19.2
93617 2000 UC_{69}	15.4	X	177.00472	143.02678	299.42055	4.46782	0.0407948	0.21936145	2.7228842	21	6 3.7	19.4
93618 2000 UL_{69}	15.8	X	74.27944	317.32930	6.09928	5.24076	0.1546090	0.24024231	2.5627312	21	12 26.1	19.6
93619 2000 UR_{69}	16.5	X	31.01608	343.04886	9.34234	4.26558	0.2804014	0.23895526	2.5719251	21	12 30.5	19.9
93620 2000 UQ_{70}	15.2	X	229.93461	97.91718	29.95636	14.42469	0.1146507	0.23063828	2.6333896	21	10 3.2	19.0
93621 2000 UZ_{70}	15.7	X	348.93336	308.25337	13.86805	4.81523	0.2610737	0.23006854	2.6377354	21	8 12.4	17.5
93622 2000 UJ_{71}	15.3	X	345.60100	80.33813	279.72064	2.93082	0.0973848	0.23151406	2.6267443	21	9 28.6	18.3
93623 2000 UC_{73}	15.2	X	318.57525	137.53643	213.50573	13.96305	0.1668971	0.22617323	2.6679350	21	7 18.5	18.5
93624 2000 UP_{73}	15.4	X	280.78125	326.82342	20.67641	3.16231	0.0915128	0.22204489	2.7009022	21	5 31.2	19.0
93625 2000 UU_{73}	15.7	X	283.21312	210.65721	221.03301	14.70174	0.1725917	0.23062016	2.6335276	21	9 10.4	19.3
93626 2000 UV_{73}	16.0	X	248.50218	155.13205	224.37003	11.25569	0.1729602	0.22159651	2.7045443	21	5 25.5	20.3
93627 2000 UK_{74}	15.2	X	311.40442	245.06971	132.27350	14.25972	0.1112352	0.22713606	2.6603901	21	8 26.9	18.2
93628 2000 UF_{75}	15.6	X	251.60677	275.56197	166.02131	5.28553	0.2381913	0.22645845	2.6656944	21	8 8.2	19.6
93629 2000 UH_{77}	15.9	X	327.65437	243.15438	106.96218	4.30328	0.1125348	0.22866163	2.6485440	21	8 15.0	18.7
93630 2000 UR_{77}	15.5	X	221.21092	321.63674	55.55670	6.78519	0.0371351	0.21849699	2.7300614	21	5 4.1	19.4
93631 2000 UV_{78}	14.2	X	269.04658	73.03788	67.67130	10.70551	0.0569855	0.18950175	3.0018839	21	12 4.8	18.2
93632 2000 UE_{79}	15.3	X	96.41840	200.10831	211.26118	1.38475	0.0643454	0.20289204	2.8683097	21	1 20.9	19.1
93633 2000 UF_{79}	15.5	X	285.63170	319.41938	60.68298	3.52180	0.1442039	0.22510776	2.6763469	21	7 14.3	19.0
93634 2000 UP_{79}	15.0	X	353.71006	117.89467	235.04841	20.83409	0.1339580	0.23050846	2.6343783	21	9 29.9	18.3
93635 2000 UR_{80}	15.5	X	224.76118	164.51561	248.37084	4.57267	0.0591543	0.22081788	2.7108983	21	6 21.9	19.4
93636 2000 UF_{81}	14.1	X	89.88540	181.17577	58.00177	16.50033	0.1165016	0.22828822	2.6514313	21	10 1.5	18.2
93637 2000 UM_{81}	15.4	X	36.86483	212.11316	234.45706	10.85856	0.1718527	0.24546928	2.5262207	21	—	—
93638 2000 UP_{81}	14.5	X	283.94924	13.33159	60.12933	5.72284	0.1753272	0.22798820	2.6537569	21	9 21.9	17.7
93639 2000 UQ_{86}	15.2	X	241.25633	253.04573	80.79804	6.47184	0.0515574	0.21429635	2.7656222	21	4 4.2	19.2
93640 2000 UU_{86}	15.7	X	330.86155	231.71763	102.57688	5.65086	0.1627408	0.22758747	2.6568711	21	7 22.7	18.4
93641 2000 US_{88}	15.5	X	347.81852	155.50489	203.16110	13.01265	0.0927708	0.23201469	2.6229644	21	9 30.8	18.6
93642 2000 UA_{89}	15.6	X	157.23722	276.40709	123.10895	4.63156	0.1013307	0.21134082	2.7913467	21	3 24.9	19.8
93643 2000 UK_{89}	15.8	X	357.60429	211.79802	132.10362	5.35932	0.1806952	0.23163062	2.6258630	21	10 7.2	18.2
93644 2000 UE_{90}	15.6	X	63.41751	259.94540	63.46845	10.91665	0.1382068	0.23941273	2.5686478	21	12 11.4	19.3
93645 2000 UF_{90}	15.5	X	206.67286	236.70758	126.41640	6.77962	0.1006637	0.21391373	2.7689191	21	3 31.4	19.8
93646 2000 UR_{90}	15.6	X	335.78713	29.85716	6.42596	2.47341	0.1783524	0.23316617	2.6143217	21	11 4.7	17.8
93647 2000 UK_{91}	14.7	X	289.90256	308.87073	262.08919	5.58081	0.0921954	0.25262451	2.4782916	21	—	—
93648 2000 UH_{92}	15.2	X	140.87050	52.60142	242.90150	13.51819	0.0801768	0.24439149	2.5336425	21	—	—
93649 2000 UA_{94}	15.4	X	59.94742	69.74420	241.06503	10.35224	0.1881668	0.23728358	2.5839906	21	11 28.6	19.0
93650 2000 UQ_{94}	15.4	X	43.99693	37.63795	277.01042	6.29593	0.1995643	0.23556079	2.5965741	21	11 14.2	18.8
93651 2000 UU_{94}	15.6	X	305.58564	205.63396	264.90598	7.82057	0.1187158	0.23877577	2.5732139	21	12 25.9	18.2
93652 2000 UW_{97}	15.7	X	168.28435	65.94820	352.65110	5.96370	0.0032390	0.21437535	2.7649428	21	4 19.2	19.5
93653 2000 UL_{98}	15.0	X	199.75913	19.53780	22.85698	6.40699	0.0429881	0.21652149	2.7466419	21	5 8.9	18.9
93654 2000 UX_{98}	14.4	X	123.57686	235.90878	253.20224	11.64174	0.1627756	0.21538915	2.7562599	21	6 13.8	18.6
93655 2000 UT_{99}	15.1	X	224.21568	336.57199	24.09897	6.63383	0.0953295	0.21506032	2.7590688	21	4 12.7	19.3
93656 2000 UW_{99}	15.7	X	346.35119	85.68046	356.83336	3.44403	0.1868406	0.23991612	2.5650535	21	—	—
93657 2000 UN_{100}	15.2	X	100.50527	177.61418	312.56086	4.22774	0.0512144	0.21343300	2.7730753	21	5 1.9	19.0
93658 2000 UU_{103}	14.7	X	87.48224	317.61617	23.15828	10.33674	0.1988322	0.24238770	2.5475868	21	—	—
93659 2000 UF_{104}	14.4	X	181.99649	121.50462	30.55717	6.35463	0.2141599	0.22320412	2.6915426	21	9 7.9	19.0
93660 2000 UH_{104}	14.1	X	143.46332	7.06734	309.48842	3.40787	0.1779877	0.24594124	2.5229878	21	—	—
93661 2000 UQ_{104}	14.4	X	31.36056	14.19610	22.15023	10.83474	0.0594607	0.19176068	2.9782627	21	—	—
93662 2000 UD_{105}	15.5	X	84.07975	280.81658	47.54397	14.73207	0.2203092	0.24493785	2.5298734	21	—	—
93663 2000 UX_{105}	15.6	X	245.55697	224.32477	186.78296	14.81548	0.0854280	0.22475051	2.6791822	21	7 9.9	19.7
93664 2000 UJ_{106}	15.4	X	147.26586	312.23841	141.95280	6.85829	0.1143760	0.21673426	2.7448440	21	5 22.6	19.6
93665 2000 US_{108}	15.1	X	6.83062	281.59248	67.26270	15.23964	0.1252361	0.23333638	2.6130502	21	10 29.6	18.2
93666 2000 UL_{109}	15.3	X	303.48205	292.06020	85.71433	11.19116	0.2237793	0.22803839	2.6533675	21	7 26.9	18.3
93667 2000 UM_{109}	15.0	X	315.12155	184.73833	198.41400	12.95428	0.2379654	0.22987836	2.6391900	21	8 18.8	17.8
93668 2000 UA_{110}	13.9	X	104.70418	57.71452	74.99170	22.96908	0.1880700	0.21225226	2.7833501	21	6 1.8	18.0
93669 2000 UV_{111}	15.4	X	226.06683	70.45200	214.29797	5.89656	0.0215464	0.20443189	2.8538882	21	1 14.5	19.6
93670 2000 UC_{112}	15.2	X	230.06706	317.53725	210.70044	11.66775	0.1685313	0.23458415	2.6037759	21	11 14.3	18.9
93671 2000 UQ_{112}	16.2	X	321.37886	77.59155	280.73430	1.22344	0.2267920	0.22915990	2.6447034	21	7 30.6	18.6
93672 2000 UY_{112}	15.4	X	43.89336	103.83426	204.92413	7.31459	0.2160039	0.23434325	2.6055600	21	11 10.9	18.8
93673 2000 UR_{113}	14.6	X	253.78095	348.42690	116.84309	22.84717	0.0519517	0.23371849	2.6102013	21	10 20.2	18.6
93674 2000 VZ_{3}	15.9	X	217.03708	180.42654	235.27165	3.02968	0.0907719	0.22184970	2.7024862	21	6 14.2	20.0
93675 2000 VR_{5}	14.9	X	85.76153	141.26808	31.73565	12.70457	0.1593908	0.21802010	2.7340410	21	6 26.8	18.8
93676 2000 VX_{5}	15.1	X	260.31422	93.28241	35.52677	13.67168	0.1226502	0.23535384	2.5980960	21	11 6.1	18.4
93677 2000 VD_{6}	15.8	X	105.19854	60.06017	231.48244	2.40827	0.1096135	0.23970568	2.5665545	21	12 14.4	19.5
93678 2000 VJ_{6}	15.5	X	289.21257	322.00581	42.13524	4.56781	0.1066702	0.22525162	2.6752072	21	7 3.2	19.0
93679 2000 VO_{11}	14.6	X	125.77571	223.08743	46.52366	11.78885	0.2045313	0.23946837	2.5682499	21	12 9.5	19.0
93680 2000 VC_{12}	15.6	X	260.46675	254.94316	156.82279	2.36878	0.0675784	0.22581211	2.6707786	21	8 3.3	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93681 2000 VZ_{13}	15.5	X	55.98790	115.35726	222.48072	3.16415	0.1075095	0.23821940	2.5772188	21	12 17.3	19.0
93682 2000 VM_{14}	15.4	X	67.58087	218.30927	145.74944	3.06812	0.1555680	0.24306052	2.5428833	21	—	—
93683 2000 VN_{14}	15.5	X	40.23671	236.86297	95.26650	4.20125	0.0703889	0.23470310	2.6028961	21	11 14.7	18.8
93684 2000 VC_{15}	15.2	X	212.83506	344.51954	103.96171	3.17968	0.0595708	0.22335599	2.6903223	21	7 25.1	18.8
93685 2000 VG_{15}	14.9	X	106.31176	81.70948	217.48185	8.67510	0.0913399	0.23914656	2.5705533	21	12 23.2	18.7
93686 2000 VB_{17}	15.7	X	187.57036	316.40879	97.19083	5.77117	0.1206772	0.21588404	2.7520460	21	5 12.5	20.0
93687 2000 VH_{18}	15.4	X	44.43951	235.00196	143.03538	4.40042	0.1570875	0.24083734	2.5585083	21	—	—
93688 2000 VG_{20}	15.2	X	135.19856	2.55083	66.86025	5.39039	0.0541313	0.21194526	2.7860372	21	4 1.9	19.1
93689 2000 VT_{20}	15.5	X	197.31460	301.50430	220.03261	3.18346	0.0520458	0.23166967	2.6255680	21	10 10.8	19.2
93690 2000 VE_{21}	15.5	X	52.61384	286.98054	159.74091	2.38575	0.0367265	0.20287143	2.8685040	21	1 3.8	19.3
93691 2000 VJ_{21}	15.8	X	178.32947	328.55350	48.53536	2.33820	0.0716240	0.21108326	2.7936169	21	3 16.9	20.0
93692 2000 VK_{21}	14.8	X	167.52911	181.75347	47.81778	9.80440	0.0741160	0.23739516	2.5831809	21	11 30.8	18.7
93693 2000 VC_{23}	13.9	X	187.07318	23.21980	248.82180	1.83691	0.1123919	0.24678787	2.5172142	21	—	—
93694 2000 VD_{23}	15.3	X	1.11577	27.11464	31.12373	4.40018	0.0980012	0.24011946	2.5636052	21	—	—
93695 2000 VU_{24}	14.7	X	54.25543	287.95814	235.68548	16.43033	0.0801849	0.21130459	2.7916658	21	4 14.6	18.4
93696 2000 VV_{25}	15.4	X	304.44446	296.50611	356.58157	2.04025	0.0247019	0.21692553	2.7432303	21	4 30.6	19.0
93697 2000 VH_{26}	15.6	X	353.43638	358.72827	52.90086	4.67726	0.0742201	0.23789142	2.5795871	21	12 22.7	18.6
93698 2000 VM_{26}	15.9	X	214.31138	17.82508	37.18803	4.83380	0.0952516	0.21962661	2.7206922	21	6 9.5	20.0
93699 2000 VP_{26}	14.6	X	105.76693	103.10576	48.76606	9.98247	0.0656155	0.21694038	2.7431052	21	6 9.5	18.4
93700 2000 VT_{26}	15.5	X	124.48751	232.60524	235.52033	3.67925	0.1670305	0.21292043	2.7775240	21	5 19.6	19.6
93701 2000 VM_{27}	15.3	X	265.07878	308.63856	155.99692	2.33222	0.0694590	0.23149100	2.6269188	21	10 21.3	18.7
93702 2000 VU_{27}	14.7	X	339.19298	339.43675	126.79442	3.92862	0.1429032	0.24092896	2.5578597	21	—	—
93703 2000 VZ_{27}	15.5	X	357.17712	301.60112	119.89928	4.55382	0.2033235	0.23871860	2.5736247	21	—	—
93704 2000 VP_{28}	15.3	X	348.54860	173.58384	210.34694	7.06571	0.1951252	0.23376785	2.6098339	21	11 16.9	17.6
93705 2000 VP_{30}	15.8	X	296.38593	233.82223	166.00692	4.94812	0.1665304	0.22786366	2.6547238	21	8 23.1	19.0
93706 2000 VQ_{30}	15.6	X	254.87807	318.65095	79.33053	8.82323	0.1611811	0.22258632	2.6965206	21	6 25.9	19.4
93707 2000 VP_{31}	15.5	X	16.81250	179.67093	212.28791	2.40499	0.1667440	0.23850161	2.5751854	21	—	—
93708 2000 VR_{31}	15.4	X	347.05088	196.83864	184.05060	2.82441	0.1291148	0.23296044	2.6158606	21	11 4.1	18.0
93709 2000 VW_{31}	15.5	X	107.92461	10.93590	61.73748	1.97967	0.1833924	0.25433134	2.4671911	21	3 14.5	18.6
93710 2000 VR_{33}	15.4	X	316.23222	301.86255	121.86572	2.59382	0.1581553	0.23299079	2.6156334	21	11 6.6	17.9
93711 2000 VX_{33}	15.4	X	217.65828	208.81744	225.14537	2.66882	0.1608206	0.22072716	2.7116411	21	7 3.5	19.8
93712 2000 VU_{34}	15.0	X	279.28329	312.57437	70.57599	15.09114	0.1867494	0.22398694	2.6852677	21	7 1.9	18.8
93713 2000 VH_{35}	15.7	X	247.06953	233.66690	217.60689	5.83001	0.2321096	0.22480378	2.6787590	21	8 15.1	19.8
93714 2000 VJ_{35}	14.3	X	239.68248	323.29891	76.74167	16.41801	0.1096228	0.21898484	2.7260052	21	6 16.9	18.2
93715 2000 VN_{35}	15.6	X	338.74599	282.23566	83.01917	4.20319	0.1186721	0.22999911	2.6382662	21	9 28.1	18.4
93716 2000 VP_{35}	14.4	X	218.57368	277.74624	230.31433	13.35290	0.0890606	0.18209546	3.0827381	21	10 6.7	19.1
93717 2000 VE_{36}	13.9	X	90.15421	292.20664	118.90925	14.65132	0.0781667	0.19798267	2.9155328	21	1 15.6	17.8
93718 2000 VO_{36}	14.1	X	275.63058	137.21407	260.66055	13.18462	0.2342690	0.22202268	2.7010823	21	7 8.6	17.9
93719 2000 VR_{36}	13.6	X	171.61937	333.01771	114.13391	17.90140	0.2082024	0.21274204	2.7790765	21	6 11.2	18.5
93720 2000 VY_{37}	14.6	X	263.74583	320.29613	94.60760	13.67314	0.2535307	0.22232310	2.6986485	21	7 16.9	18.6
93721 2000 VN_{39}	16.0	X	358.22782	123.16841	237.42817	3.58387	0.1417920	0.23498866	2.6007870	21	10 26.7	18.6
93722 2000 VE_{40}	16.1	X	241.09111	101.33343	324.23870	2.64492	0.1032708	0.22637094	2.6663814	21	7 24.0	20.0
93723 2000 VF_{40}	16.0	X	40.48011	60.12174	266.09840	2.78783	0.1532657	0.23719057	2.5846660	21	11 18.8	19.3
93724 2000 VX_{40}	15.8	X	242.72741	235.81161	254.32280	2.87186	0.1146252	0.23350460	2.6117950	21	10 16.8	19.3
93725 2000 VF_{41}	15.8	X	274.73363	73.56337	3.80252	3.07067	0.1558274	0.23059798	2.6336964	21	9 14.1	18.9
93726 2000 VZ_{41}	15.4	X	349.75830	28.36310	310.02771	3.77920	0.0929335	0.22976520	2.6400564	21	9 4.9	18.3
93727 2000 VX_{42}	15.7	X	98.75025	92.66123	354.74569	2.20157	0.1822910	0.25569402	2.4584177	21	3 20.4	18.5
93728 2000 VX_{43}	15.6	X	176.08028	121.72961	19.29837	4.50219	0.0152824	0.22664073	2.6642650	21	8 22.5	19.3
93729 2000 VK_{44}	15.7	X	272.32624	72.43420	41.46710	13.80963	0.1329210	0.23392728	2.6086479	21	11 2.9	18.6
93730 2000 VB_{46}	13.9	X	85.95895	10.89157	267.69413	15.27574	0.0386487	0.23219110	2.6216357	21	10 24.3	17.7
93731 2000 VT_{46}	14.9	X	358.04162	165.77961	276.58640	9.41810	0.0859382	0.19317635	2.9636944	21	—	—
93732 2000 VE_{47}	13.7	X	263.25732	268.16257	260.04308	17.98284	0.2175511	0.18933875	3.0036066	21	12 8.5	17.7
93733 2000 VJ_{47}	14.0	X	273.80619	41.98717	38.95937	14.86786	0.2203558	0.17972506	3.1097844	21	9 10.6	18.5
93734 2000 VS_{47}	15.6	X	201.93720	286.79258	81.07012	1.68734	0.0858938	0.21346583	2.7727910	21	3 30.5	19.7
93735 2000 VO_{48}	15.4	X	306.58162	326.65954	48.63925	6.44977	0.1060343	0.22641479	2.6660371	21	8 17.9	18.6
93736 2000 VL_{50}	15.2	X	318.98625	58.16710	356.94246	1.07710	0.1149364	0.23191712	2.6237000	21	10 31.2	18.1
93737 2000 VP_{50}	14.6	X	252.01887	49.82632	64.24663	12.13449	0.1367947	0.22862910	2.6487952	21	10 10.8	18.4
93738 2000 VQ_{50}	14.3	X	270.40283	308.36746	69.13531	12.26090	0.1555850	0.22064817	2.7122882	21	6 17.5	18.1
93739 2000 VK_{51}	15.0	X	163.95994	254.90211	20.92700	11.44358	0.1221353	0.24430227	2.5342593	21	—	—
93740 2000 VO_{51}	15.4	X	114.21575	1.17818	124.82300	7.16505	0.1225226	0.21554901	2.7548970	21	5 27.4	19.4
93741 2000 VV_{55}	14.8	X	352.56659	281.16072	39.56885	12.43300	0.1742365	0.22741565	2.6582091	21	8 25.0	17.6
93742 2000 VH_{56}	15.8	X	218.19770	67.68906	303.75868	2.47850	0.1956113	0.21584734	2.7523579	21	4 14.8	20.5
93743 2000 VX_{56}	14.7	X	303.38944	130.44685	254.65658	13.21744	0.0553940	0.22655052	2.6649721	21	8 22.7	18.5
93744 2000 VM_{57}	14.5	X	209.48795	119.43878	46.63470	13.43107	0.1108035	0.23046228	2.6347302	21	10 27.3	18.3
93745 2000 VQ_{57}	15.4	X	245.19366	134.66521	286.10548	2.84392	0.1027199	0.22281316	2.6946901	21	7 22.0	19.3
93746 2000 VU_{57}	15.1	X	306.24882	68.72028	9.71256	3.45089	0.0965080	0.23302350	2.6153887	21	11 11.8	18.2
93747 2000 VG_{58}	15.8	X	268.20314	123.79362	343.27623	3.86403	0.2240614	0.23090940	2.6313279	21	10 2.7	19.3
93748 2000 VO_{61}	14.3	X	329.64732	127.25842	358.34886	32.04338	0.2931730	0.23882248	2.5728783	21	—	—
93749 2000 VP_{62}	14.9	X	153.35166	267.11200	202.67787	8.14045	0.1311485	0.21607144	2.7504546	21	6 17.2	19.3
93750 2000 WF_{1}	14.5	X	215.72858	266.00419	49.01559	11.31534	0.2809470	0.26443369	2.4039468	21	2 5.1	19.0
93751 2000 WH_{1}	15.1	X	242.99172	318.34372	55.27166	25.68281	0.3192032	0.27037234	2.3686153	21	5 3.7	19.4
93752 2000 WA_{5}	14.8	X	48.08259	291.44010	258.87499	12.07500	0.1189529	0.21476630	2.7615864	21	5 17.8	18.0
93753 2000 WO_{5}	15.4	X	182.14357	156.39578	36.88383	13.57181	0.0206969	0.23265485	2.6181507	21	11 4.7	18.9
93754 2000 WZ_{6}	14.2	X	217.34279	177.19936	36.21866	10.55205	0.0325936	0.18947520	3.0021644	21	—	—
93755 2000 WC_{7}	13.8	X	302.14578	97.74341	42.46984	12.47397	0.0786182	0.19036183	2.9928352	21	—	—
93756 2000 WZ_{8}	14.7	X	26.97314	282.13784	107.60208	5.03346	0.2140317	0.23657901	2.5891184	21	—	—
93757 2000 WE_{14}	14.3	X	119.15590	286.92022	269.61770	8.39731	0.1620079	0.17436638	3.1731764	21	8 27.9	19.4
93758 2000 WE_{16}	15.7	X	285.73723	30.09380	32.03957	3.10504	0.0990891	0.22884903	2.6470979	21	9 18.9	18.9
93759 2000 WK_{16}	15.4	X	99.12376	41.30737	22.90762	2.31816	0.0583752	0.20445694	2.8536550	21	2 9.6	19.2
93760 2000 WP_{17}	15.0	X	242.57328	177.41174	119.57267	3.11597	0.0249130	0.20696009	2.8305987	21	2 19.2	18.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93761 2000 WT_{17}	15.1	X	25.56279	201.43826	259.67046	1.25624	0.0459162	0.19860755	2.9094142	21	—	—
93762 2000 WB_{18}	15.8	X	26.10268	282.41483	49.72177	7.80194	0.1966832	0.23409590	2.6073951	21	11 12.5	18.5
93763 2000 WH_{19}	15.0	X	342.99042	300.72473	149.54095	6.17102	0.2401899	0.23963196	2.5670809	21	—	—
93764 2000 WC_{20}	14.8	X	151.58846	328.29241	274.38777	10.09772	0.0272720	0.18299713	3.0726036	21	11 21.5	19.4
93765 2000 WB_{21}	15.0	X	245.23238	143.28476	263.46197	3.81115	0.1613098	0.21919069	2.7242982	21	6 26.8	19.0
93766 2000 WL_{21}	14.8	X	265.49468	52.84743	89.05984	22.91887	0.1110206	0.23655082	2.5893241	21	12 6.6	18.0
93767 2000 WM_{21}	14.7	X	311.20186	254.78511	214.99245	1.25782	0.1518708	0.18979234	2.9988190	21	12 18.3	18.1
93768 2000 WN_{22}	14.2	X	168.04148	126.29010	62.00214	24.74295	0.3167277	0.27750397	2.3278585	21	10 21.1	18.8
93769 2000 WO_{23}	15.4	X	239.39823	292.06528	150.30620	6.82515	0.0917040	0.22485994	2.6783130	21	8 13.9	19.3
93770 2000 WX_{23}	15.6	X	215.48847	58.18575	304.34008	2.84844	0.1100466	0.21293403	2.7774058	21	4 4.1	20.0
93771 2000 WL_{24}	15.0	X	169.63474	84.59888	92.97249	12.21147	0.1382454	0.22757757	2.6569481	21	10 4.2	19.4
93772 2000 WH_{25}	14.9	X	59.24944	68.37418	115.54299	7.83594	0.0369492	0.21567819	2.7537969	21	5 19.2	18.6
93773 2000 WL_{25}	15.5	X	304.17002	75.44683	252.83592	4.44023	0.0606595	0.22067931	2.7120330	21	6 12.2	19.0
93774 2000 WV_{25}	15.3	X	161.44956	255.76549	22.45445	1.98031	0.0518748	0.19457916	2.9494327	21	—	—
93775 2000 WY_{25}	15.8	X	255.45520	295.88351	109.73885	5.14565	0.1114781	0.22313450	2.6921024	21	7 13.4	19.6
93776 2000 WW_{26}	15.1	X	101.15353	70.63877	79.35758	14.07069	0.1540584	0.21387176	2.7692814	21	6 14.7	19.1
93777 2000 WE_{30}	15.6	X	210.10731	293.77501	98.92311	7.32229	0.0756715	0.21661747	2.7458305	21	5 10.9	19.7
93778 2000 WN_{30}	15.8	X	4.08286	197.63147	157.42449	4.61984	0.2279683	0.23405969	2.6076640	21	11 12.2	18.2
93779 2000 WT_{30}	15.4	X	211.05154	278.10335	140.98409	5.72618	0.0995352	0.21925279	2.7237838	21	6 12.1	19.6
93780 2000 WV_{30}	15.9	X	295.84859	248.67274	139.15246	4.47067	0.1481642	0.22705575	2.6610174	21	8 8.5	19.0
93781 2000 WZ_{31}	14.7	X	315.92476	2.30621	96.95315	11.78452	0.0591563	0.18961622	3.0006757	21	12 17.3	18.6
93782 2000 WW_{32}	15.0	X	272.86438	239.55642	91.23036	13.51737	0.0258030	0.21514569	2.7583389	21	5 13.5	18.9
93783 2000 WM_{33}	15.6	X	8.89364	228.67831	136.25472	5.72366	0.3334914	0.23597761	2.5935155	21	12 23.0	18.2
93784 2000 WX_{33}	14.7	X	316.92427	316.48281	95.83823	6.89229	0.3004346	0.23194204	2.6235121	21	10 9.8	16.6
93785 2000 WZ_{33}	15.5	X	33.57701	172.73749	184.12157	5.68761	0.1795294	0.23641215	2.5903365	21	12 23.4	18.8
93786 2000 WS_{34}	15.3	X	208.93216	284.80293	125.52211	5.70594	0.1224847	0.21701794	2.7424515	21	5 29.3	19.6
93787 2000 WE_{35}	14.8	X	182.03742	36.40168	215.05767	9.75957	0.0596240	0.19114184	2.9846875	21	—	—
93788 2000 WH_{35}	15.4	X	141.22259	195.63987	225.07879	9.97321	0.1300033	0.20885602	2.8134426	21	4 1.9	19.7
93789 2000 WJ_{35}	15.3	X	279.35367	331.54771	91.93051	15.54890	0.2462002	0.22743398	2.6580663	21	8 22.3	19.0
93790 2000 WL_{37}	14.9	X	89.68597	89.97275	81.83026	13.09793	0.1158353	0.21663048	2.7457206	21	6 23.6	18.7
93791 2000 WU_{38}	14.7	X	334.76156	267.62003	204.14025	9.65648	0.0583811	0.19313636	2.9641034	21	—	—
93792 2000 WL_{40}	15.2	X	277.80731	268.53383	230.70850	11.10478	0.1886568	0.23401565	2.6079911	21	12 7.6	18.1
93793 2000 WL_{41}	15.0	X	305.23709	198.13571	250.11917	11.16438	0.1565662	0.23080947	2.6320874	21	11 18.4	17.7
93794 2000 WW_{42}	15.4	X	152.56109	308.67446	99.05839	5.26432	0.1018530	0.21032733	2.8003066	21	3 31.1	19.6
93795 2000 WB_{43}	14.9	X	50.49286	100.88589	222.07070	13.20415	0.1107179	0.23438394	2.6052585	21	11 21.7	18.4
93796 2000 WG_{43}	14.5	X	317.15609	32.67636	87.75845	11.88324	0.0494628	0.19283032	2.9672388	21	—	—
93797 2000 WO_{43}	15.1	X	185.40193	277.25048	227.29411	13.73802	0.0526075	0.22517625	2.6758042	21	8 29.7	19.3
93798 2000 WP_{45}	15.3	X	322.79385	236.83962	90.56751	7.27122	0.0664846	0.22277459	2.6950011	21	7 8.5	18.5
93799 2000 WN_{46}	15.6	X	12.98792	277.58681	174.15439	2.98330	0.0835193	0.24410681	2.5356120	21	—	—
93800 2000 WR_{46}	15.6	X	174.09640	31.27451	80.87588	10.38120	0.1426494	0.21945377	2.7221205	21	7 11.4	20.0
93801 2000 WM_{48}	15.6	X	266.74570	187.62268	233.43751	6.87074	0.3096082	0.22468272	2.6797211	21	7 18.8	19.7
93802 2000 WW_{48}	14.3	X	354.54510	355.70323	108.47689	18.74949	0.1956943	0.19148508	2.9811197	21	—	—
93803 2000 WL_{49}	14.5	X	351.83221	133.81093	287.89032	11.43841	0.2428963	0.23430152	2.6058694	21	—	—
93804 2000 WU_{49}	15.6	X	231.41447	13.04451	111.41642	2.45577	0.1570691	0.22919410	2.6444403	21	9 22.6	19.6
93805 2000 WT_{50}	15.3	X	45.34526	54.00040	15.92242	1.81024	0.0846809	0.19758466	2.9194468	21	—	—
93806 2000 WD_{54}	15.8	X	28.75548	3.99168	25.02438	3.86111	0.0480922	0.24042250	2.5614506	21	—	—
93807 2000 WF_{55}	15.0	X	27.70951	341.13606	80.22571	4.87291	0.1805445	0.23842736	2.5757200	21	—	—
93808 2000 WL_{55}	14.7	X	13.22786	16.42475	90.70166	11.08925	0.0609041	0.19223191	2.9733936	21	—	—
93809 2000 WK_{56}	15.2	X	355.17694	93.36525	240.08363	12.74822	0.1597091	0.22981119	2.6397042	21	9 4.2	18.1
93810 2000 WB_{57}	15.1	X	266.10540	240.72067	242.03754	3.40112	0.1934929	0.23206682	2.6225716	21	10 26.0	18.3
93811 2000 WV_{57}	15.1	X	310.51227	36.19407	80.90395	5.55562	0.1840342	0.23756617	2.5819411	21	—	—
93812 2000 WH_{59}	14.4	X	315.12375	127.78216	256.97077	10.83402	0.1434114	0.22680369	2.6629886	21	8 31.9	17.7
93813 2000 WB_{60}	14.9	X	340.18259	96.49185	262.90391	11.42503	0.2065508	0.22766552	2.6562638	21	9 10.3	17.6
93814 2000 WJ_{60}	13.9	X	319.43172	343.25133	101.61251	10.59805	0.0566806	0.18613805	3.0379406	21	12 4.6	17.9
93815 2000 WM_{60}	14.8	X	222.63782	291.41536	104.82557	10.72267	0.1929660	0.21681312	2.7441784	21	5 22.7	19.4
93816 2000 WJ_{61}	14.5	X	206.47305	128.07027	273.51929	8.64234	0.2006645	0.21434507	2.7652032	21	5 11.1	19.3
93817 2000 WQ_{61}	14.1	X	259.63279	12.59025	100.22608	12.48631	0.0917448	0.17946478	3.1127905	21	10 19.7	18.7
93818 2000 WL_{62}	14.8	X	230.67241	344.17603	116.41432	13.13306	0.1235817	0.22616132	2.6680287	21	8 27.2	18.8
93819 2000 WG_{69}	15.1	X	131.92076	24.04339	275.86446	11.36987	0.1724676	0.24518037	2.5282048	21	—	—
93820 2000 WN_{70}	15.0	X	233.91926	189.57053	258.35467	11.35331	0.1192885	0.22593672	2.6697966	21	8 7.3	19.1
93821 2000 WF_{71}	14.1	X	58.41548	223.35191	302.93970	7.67711	0.1673359	0.21207062	2.7849392	21	5 6.4	17.4
93822 2000 WR_{71}	15.5	X	251.96051	308.88478	358.78817	7.99357	0.1368377	0.21268333	2.7795879	21	3 5.4	19.9
93823 2000 WU_{72}	15.5	X	235.64847	12.72166	321.18729	3.96782	0.0773766	0.21341332	2.7732458	21	3 22.2	19.6
93824 2000 WW_{72}	16.1	X	299.10616	15.68144	335.39128	4.08160	0.1713706	0.22512965	2.6761734	21	6 18.6	19.4
93825 2000 WA_{74}	14.8	X	314.61229	280.80035	292.19193	3.72326	0.0501417	0.20602621	2.8391461	21	1 29.3	18.6
93826 2000 WG_{74}	15.0	X	78.98718	65.28543	15.84660	6.24560	0.0332223	0.20496107	2.8489738	21	2 2.5	18.9
93827 2000 WR_{75}	15.7	X	224.63297	34.83855	322.01353	4.40289	0.1303775	0.21468732	2.7622636	21	4 4.7	20.2
93828 2000 WJ_{76}	15.5	X	108.93505	67.28938	291.42017	2.33567	0.1481405	0.24740390	2.5130339	21	—	—
93829 2000 WZ_{76}	14.8	X	206.92981	259.48329	293.16500	4.26327	0.0888204	0.18829415	3.0147051	21	11 19.6	19.4
93830 2000 WE_{77}	14.7	X	102.05154	27.00562	306.41331	5.03304	0.1274964	0.24317525	2.5420834	21	—	—
93831 2000 WL_{77}	15.0	X	123.39719	99.12200	25.78585	7.81852	0.0836644	0.21537797	2.7563553	21	5 28.8	19.0
93832 2000 WU_{77}	14.1	X	48.24912	254.75826	44.87659	15.72936	0.0158085	0.18172493	3.0869271	21	10 4.8	18.5
93833 2000 WL_{78}	15.4	X	126.81525	74.26578	24.14476	4.63250	0.0272034	0.21298101	2.7769973	21	4 22.3	19.2
93834 2000 WR_{79}	15.4	X	246.36210	34.41299	335.56548	1.95868	0.0884839	0.21822273	2.7323483	21	5 18.7	19.3
93835 2000 WG_{80}	15.3	X	13.51619	15.52472	54.58009	16.42831	0.0821041	0.24169873	2.5524259	21	—	—
93836 2000 WO_{80}	15.5	X	252.28265	170.27189	286.01185	4.55850	0.0783903	0.22836589	2.6508301	21	9 17.8	19.1
93837 2000 WW_{82}	15.4	X	355.01495	132.69889	285.96751	3.12250	0.2686150	0.23784899	2.5798939	21	—	—
93838 2000 WA_{84}	15.6	X	339.37139	348.87960	29.47443	3.78412	0.1131515	0.23177778	2.6247514	21	10 16.1	18.3
93839 2000 WW_{84}	15.4	X	254.73490	344.96273	48.15927	6.51598	0.0188567	0.22053374	2.7132263	21	7 9.7	19.1
93840 2000 WT_{85}	15.8	X	113.67604	30.55278	11.07288	1.90089	0.0710887	0.20277120	2.8694492	21	2 1.8	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93841 2000 WJ_{87}	14.2	X	356.85031	347.01733	74.61207	7.72796	0.0996124	0.18723630	3.0260494	21	12 30.0	18.0
93842 2000 WU_{87}	14.5	X	255.26678	298.23681	86.87934	14.13422	0.1740428	0.21756852	2.7378229	21	6 8.9	18.6
93843 2000 WS_{89}	15.0	X	34.60934	23.45588	50.81606	2.67606	0.0724223	0.19683172	2.9268872	21	—	—
93844 2000 WC_{90}	15.1	X	81.43203	69.96896	4.64419	1.70402	0.0511604	0.20292169	2.8680303	21	1 29.3	18.8
93845 2000 WF_{90}	15.3	X	283.51397	315.44160	50.46963	5.16787	0.1225635	0.22229940	2.6988403	21	6 24.6	19.0
93846 2000 WW_{91}	15.4	X	127.95889	116.25664	38.47239	2.62053	0.0208289	0.22005001	2.7172011	21	7 7.5	19.0
93847 2000 WF_{92}	15.3	X	227.61838	338.25350	59.19651	3.88508	0.1175504	0.21856222	2.7295181	21	5 31.1	19.4
93848 2000 WX_{92}	15.3	X	294.54584	18.08780	253.36155	11.44429	0.1029447	0.20965644	2.8062772	21	3 4.6	19.5
93849 2000 WZ_{93}	14.9	X	203.70212	310.51634	72.43177	12.58621	0.0622685	0.21256693	2.7806025	21	4 24.4	19.1
93850 2000 WJ_{94}	15.3	X	251.66577	135.71805	295.28884	1.19199	0.0591751	0.22411853	2.6842165	21	8 18.9	18.9
93851 2000 WE_{96}	14.3	X	320.40184	63.78377	67.28773	11.04346	0.0523476	0.19267781	2.9688044	21	—	—
93852 2000 WS_{96}	15.4	X	251.03931	309.47312	88.54958	5.03114	0.1999730	0.22123175	2.7075163	21	6 17.6	19.4
93853 2000 WW_{96}	14.9	X	167.44791	327.52104	81.39324	5.15836	0.0372627	0.20989660	2.8041363	21	4 12.9	18.9
93854 2000 WH_{97}	14.0	X	315.89565	213.35797	274.16968	9.04460	0.0641373	0.19112692	2.9848429	21	—	—
93855 2000 WU_{97}	14.8	X	338.37642	105.47102	266.75453	12.29958	0.1359993	0.22878725	2.6475744	21	9 27.3	17.9
93856 2000 WL_{99}	15.0	X	249.37673	125.66761	25.92091	1.10804	0.1205356	0.18579613	3.0416666	21	11 14.0	19.2
93857 2000 WV_{102}	15.0	X	316.36860	269.25367	98.09888	13.69972	0.0656380	0.22671397	2.6636911	21	8 29.1	18.5
93858 2000 WJ_{103}	14.9	X	339.85085	218.14542	110.99047	12.98803	0.2040710	0.22610873	2.6684424	21	7 31.2	17.2
93859 2000 WM_{109}	14.7	X	342.60566	0.21302	51.56439	14.69554	0.0874243	0.23526423	2.5987556	21	12 4.7	17.7
93860 2000 WH_{110}	14.6	X	93.33186	207.10200	50.51849	14.26180	0.1297412	0.22907287	2.6453732	21	10 24.6	18.5
93861 2000 WP_{111}	14.6	X	301.76014	229.49070	275.10413	9.68787	0.0519109	0.19289941	2.9665303	21	—	—
93862 2000 WD_{113}	14.8	X	323.85846	93.95715	269.88481	12.90476	0.1890358	0.22779571	2.6552516	21	8 12.7	17.8
93863 2000 WL_{113}	14.5	X	244.87593	186.95482	270.16737	12.10987	0.0306720	0.17875919	3.1209762	21	9 7.6	19.2
93864 2000 WS_{113}	14.8	X	74.13571	315.46909	48.47894	11.17784	0.1109728	0.19336744	2.9617415	21	—	—
93865 2000 WV_{113}	15.1	X	333.66775	184.58454	22.05968	6.26989	0.0084841	0.20543869	2.8445565	21	2 23.2	19.0
93866 2000 WK_{115}	14.7	X	354.80948	145.88350	279.36236	10.94663	0.0381866	0.18953547	3.0015279	21	12 27.4	18.7
93867 2000 WQ_{115}	14.4	X	13.65806	260.38258	60.32233	15.31337	0.1236494	0.22703873	2.6611504	21	10 3.9	17.7
93868 2000 WL_{116}	14.2	X	191.08485	322.45709	68.67652	14.09155	0.0809390	0.21108918	2.7935647	21	4 21.7	18.5
93869 2000 WZ_{119}	14.1	X	217.09083	61.75222	76.07805	13.14987	0.1216706	0.22539265	2.6740912	21	10 3.7	18.3
93870 2000 WW_{120}	15.4	X	191.15467	2.55325	69.78828	12.20435	0.3168761	0.21550977	2.7552314	21	6 5.5	20.4
93871 2000 WZ_{120}	14.3	X	357.32563	309.20291	82.83444	15.22106	0.1911418	0.23186144	2.6241200	21	12 14.6	16.8
93872 2000 WB_{122}	15.4	X	109.02214	239.49243	222.92714	0.93804	0.0577995	0.20966160	2.8062312	21	4 9.7	19.2
93873 2000 WC_{122}	15.6	X	142.26730	12.62194	74.99292	5.45399	0.0364703	0.21236952	2.7823255	21	4 30.8	19.5
93874 2000 WX_{124}	15.8	X	237.73436	312.79640	115.09194	13.76162	0.2421667	0.22385850	2.6862947	21	7 8.7	20.1
93875 2000 WW_{125}	14.9	X	3.24208	85.28339	267.48498	13.40694	0.1192936	0.23288259	2.6164435	21	10 16.9	18.1
93876 2000 WZ_{125}	15.5	X	208.27141	36.07943	13.46359	10.33638	0.0941784	0.21854244	2.7296828	21	5 24.8	19.8
93877 2000 WS_{127}	15.5	X	12.31923	153.07224	247.40516	2.89955	0.0721387	0.23697359	2.5862436	21	—	—
93878 2000 WK_{128}	15.4	X	158.27706	241.61060	238.65664	3.92304	0.0651113	0.21946885	2.7219958	21	7 2.3	19.4
93879 2000 WQ_{128}	15.4	X	133.40176	250.20357	69.45003	3.07587	0.1074947	0.19680785	2.9271239	21	—	—
93880 2000 WV_{128}	16.0	X	158.08922	140.68828	265.04905	3.25918	0.0695200	0.21153579	2.7896313	21	3 27.2	20.0
93881 2000 WJ_{129}	15.7	X	120.19042	104.50340	300.83347	0.88423	0.0845664	0.20600563	2.8393352	21	2 14.9	19.7
93882 2000 WA_{130}	14.5	X	156.46368	181.72445	265.48553	12.47479	0.1167901	0.21167341	2.7884221	21	5 21.2	18.9
93883 2000 WN_{130}	15.3	X	342.49571	259.26161	96.88963	13.23864	0.2067877	0.23248467	2.6194282	21	9 28.7	17.9
93884 2000 WZ_{130}	15.4	X	303.68562	238.14002	69.34289	7.77106	0.1463265	0.21851818	2.7298849	21	5 2.7	18.9
93885 2000 WO_{132}	14.4	X	336.69941	34.27222	287.10880	13.33165	0.1202641	0.22579627	2.6709035	21	7 17.4	17.2
93886 2000 WB_{135}	15.8	X	305.32665	120.50454	286.14567	7.82594	0.0962416	0.23040798	2.6351441	21	9 22.8	19.2
93887 2000 WY_{135}	15.5	X	263.66162	344.00587	121.71736	5.96151	0.1297878	0.23193790	2.6235433	21	10 13.7	18.9
93888 2000 WP_{136}	15.7	X	15.22356	346.40104	353.11043	2.69364	0.0192070	0.23120217	2.6291061	21	10 11.9	19.2
93889 2000 WQ_{136}	15.3	X	28.53470	18.46256	352.59976	2.50914	0.0752414	0.23774880	2.5806186	21	12 19.7	18.6
93890 2000 WV_{136}	15.9	X	199.75317	136.48336	338.49285	3.50640	0.1783296	0.22287679	2.6941772	21	8 7.5	20.2
93891 2000 WB_{137}	14.9	X	0.95623	185.38211	204.11741	13.11822	0.0950610	0.23548364	2.5971412	21	12 6.8	18.1
93892 2000 WF_{141}	14.1	X	228.79817	87.38398	45.38410	17.39041	0.2154569	0.17693737	3.1423629	21	9 27.3	19.3
93893 2000 WL_{141}	14.2	X	123.13769	27.62388	38.07124	11.45236	0.1228623	0.20415134	2.8565022	21	3 25.6	18.4
93894 2000 WM_{141}	13.8	X	53.31408	302.49718	71.03710	16.99469	0.2337504	0.23780139	2.5802381	21	—	—
93895 2000 WX_{141}	15.5	X	5.75071	3.98859	79.29469	20.59996	0.2674088	0.24300862	2.5432454	21	—	—
93896 2000 WY_{141}	15.6	X	241.21864	310.47163	114.00882	12.23392	0.1639820	0.22488065	2.6781485	21	7 15.3	19.4
93897 2000 WD_{143}	15.1	X	0.23551	259.91395	156.37035	13.69465	0.1802881	0.23852083	2.5750471	21	—	—
93898 2000 WO_{143}	15.1	X	195.75853	62.78110	332.11327	8.22494	0.2043722	0.21104525	2.7939523	21	4 22.3	20.0
93899 2000 WL_{145}	15.4	X	239.30849	321.03637	166.19361	15.35624	0.1137973	0.23191896	2.6236861	21	10 12.8	19.2
93900 2000 WS_{146}	16.7	X	245.72511	271.86309	117.62338	3.44047	0.2250146	0.22175547	2.7032517	21	5 30.7	21.0
93901 2000 WN_{147}	15.4	X	331.50741	258.89441	57.37412	3.37756	0.2024077	0.22415798	2.6839016	21	6 20.6	18.0
93902 2000 WT_{148}	15.4	X	287.21067	202.56860	179.53338	9.83550	0.0794389	0.22510173	2.6763947	21	7 27.1	19.0
93903 2000 WT_{149}	15.1	X	15.28171	350.61004	228.74735	11.03640	0.0961472	0.21572474	2.7534007	21	4 30.9	18.2
93904 2000 WY_{150}	14.9	X	258.67520	34.63566	54.89071	22.62053	0.0379052	0.22700490	2.6614147	21	10 8.6	18.8
93905 2000 WX_{151}	15.5	X	342.84746	155.66668	204.47557	12.80198	0.1832077	0.23070476	2.6328838	21	9 23.9	17.9
93906 2000 WJ_{153}	14.0	X	350.15268	37.40206	276.19174	10.79089	0.0442364	0.17140982	3.2095606	21	7 28.6	18.3
93907 2000 WW_{153}	15.0	X	220.94956	28.70505	269.04528	13.98545	0.1364133	0.25603870	2.4562108	21	1 13.9	19.0
93908 2000 WE_{154}	15.4	X	196.04018	101.66390	322.24930	8.35739	0.1472344	0.21862345	2.7290085	21	5 30.6	19.9
93909 2000 WF_{154}	15.2	X	355.42030	311.62689	8.52386	10.30558	0.0985610	0.22761582	2.6566505	21	8 24.9	18.2
93910 2000 WZ_{155}	14.6	X	24.47692	357.24188	282.19985	11.00123	0.1638051	0.22453536	2.6808935	21	8 15.4	17.6
93911 2000 WF_{156}	13.8	X	349.13523	80.86343	268.74073	18.12644	0.0241537	0.17942238	3.1132808	21	9 4.2	18.5
93912 2000 WE_{157}	15.6	X	303.65233	64.17760	29.25980	6.28574	0.2453380	0.23222790	2.6213587	21	11 12.4	17.7
93913 2000 WO_{157}	14.0	X	226.91673	31.54813	49.11301	9.83908	0.1439811	0.21907757	2.7252359	21	7 25.5	18.3
93914 2000 WV_{157}	14.3	X	212.70587	63.02458	49.34607	9.79759	0.2048904	0.21966092	2.7204089	21	8 18.2	18.9
93915 2000 WX_{157}	13.7	X	310.87346	96.25843	68.78773	12.86017	0.1478107	0.19041883	2.9922379	21	—	—
93916 2000 WG_{158}	14.5	X	269.31615	324.19531	68.08381	16.82828	0.2171640	0.21928236	2.7235389	21	6 26.9	18.5
93917 2000 WV_{158}	15.3	X	192.78618	284.54950	176.22083	9.26364	0.1647695	0.22012712	2.7165666	21	7 12.8	19.9
93918 2000 WW_{159}	15.0	X	284.11498	216.50639	76.95480	12.98608	0.1427852	0.21400053	2.7681704	21	3 27.2	19.2
93919 2000 WJ_{160}	15.3	X	235.24127	248.62173	117.72774	7.04260	0.1108497	0.21646017	2.7471606	21	5 3.2	19.5
93920 2000 WN_{160}	15.7	X	272.33865	330.19678	35.64752	5.55733	0.0646707	0.22155798	2.7048579	21	6 18.1	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
93921 2000 WQ_{160}	15.1	X	64.35892	50.96075	245.40314	12.29717	0.1503101	0.23366145	2.6106261	21	11 8.8	18.8
93922 2000 WF_{161}	14.3	X	17.88508	70.32914	138.66686	11.84642	0.1181059	0.21201085	2.7854626	21	4 27.2	17.7
93923 2000 WM_{161}	15.2	X	282.57705	268.01389	148.54164	9.15436	0.0755274	0.22794278	2.6541094	21	9 10.2	18.6
93924 2000 WO_{161}	15.2	X	295.96051	317.09402	94.10703	14.62750	0.1732585	0.22936378	2.6431359	21	9 15.4	18.5
93925 2000 WC_{162}	15.8	X	222.02370	287.17661	151.85883	10.70444	0.1443297	0.22241802	2.6978807	21	7 15.1	20.0
93926 2000 WF_{162}	15.1	X	297.98137	190.56297	189.47266	14.73156	0.1018556	0.22583925	2.6705647	21	8 4.5	18.7
93927 2000 WW_{162}	14.5	X	137.55258	299.51247	163.49410	9.23936	0.1223538	0.21365356	2.7711665	21	5 24.5	18.8
93928 2000 WA_{163}	15.5	X	175.05626	208.96526	134.37431	3.01976	0.1021648	0.20535861	2.8452959	21	2 2.2	19.9
93929 2000 WM_{163}	14.9	X	351.07903	169.46646	52.85797	10.10207	0.0889085	0.21067789	2.7971993	21	4 1.3	18.4
93930 2000 WE_{164}	15.2	X	177.81655	319.35971	64.52251	3.31168	0.0474022	0.20902427	2.8119326	21	3 24.3	19.3
93931 2000 WY_{164}	15.1	X	232.38066	270.15343	105.03632	14.03036	0.1112851	0.21713586	2.7414585	21	5 13.4	19.5
93932 2000 WL_{165}	15.0	X	342.86731	279.32749	89.92427	15.73194	0.1350600	0.23202720	2.6228701	21	10 19.3	18.1
93933 2000 WC_{166}	15.4	X	160.45396	266.82830	117.38875	4.86541	0.0914618	0.20878073	2.8141189	21	3 8.9	19.5
93934 2000 WC_{167}	15.7	X	248.91253	221.76198	148.44902	2.71103	0.1770263	0.22047532	2.7137056	21	5 14.1	20.0
93935 2000 WE_{168}	14.8	X	33.76686	276.63856	143.71530	15.41256	0.1114818	0.24440292	2.5335635	21	—	—
93936 2000 WH_{170}	15.5	X	97.16911	334.56194	295.09522	6.88413	0.0639245	0.23383169	2.6093589	21	10 31.7	19.4
93937 2000 WM_{170}	15.4	X	151.14512	96.99450	275.49830	5.02875	0.0836299	0.20625236	2.8370703	21	2 8.8	19.6
93938 2000 WH_{171}	15.4	X	194.84001	132.63964	266.16654	1.45265	0.1954397	0.21404576	2.7677804	21	4 29.2	20.0
93939 2000 WO_{171}	14.9	X	26.03599	195.74429	91.51228	15.82791	0.1148866	0.22870356	2.6482202	21	9 4.7	18.3
93940 2000 WW_{171}	14.9	X	277.40020	317.29974	94.16341	15.58933	0.0890979	0.22801983	2.6535115	21	8 29.2	18.6
93941 2000 WF_{172}	15.0	X	273.71077	211.11827	195.58387	21.61253	0.0324847	0.22741431	2.6582196	21	8 15.4	18.9
93942 2000 WK_{172}	14.3	X	202.27288	26.00317	97.83504	22.54956	0.0374167	0.22645676	2.6657077	21	9 7.4	18.5
93943 2000 WR_{172}	13.9	X	183.53228	322.32338	167.39367	15.89874	0.1477166	0.17242024	3.1970092	21	8 7.8	19.2
93944 2000 WV_{172}	14.9	X	194.28682	288.22763	108.53363	24.95104	0.2329765	0.21512466	2.7585186	21	5 7.7	20.2
93945 2000 WC_{174}	14.5	X	293.85943	336.85454	156.57614	11.30140	0.0802440	0.19176814	2.9781855	21	12 27.5	18.5
93946 2000 WW_{174}	15.9	X	43.51991	201.40159	161.04525	9.61463	0.2021998	0.23944976	2.5683829	21	—	—
93947 2000 WQ_{175}	15.4	X	229.69336	314.89346	129.35477	8.62107	0.2222683	0.22300301	2.6931605	21	7 23.4	19.8
93948 2000 WK_{177}	15.3	X	221.53129	337.36785	93.44016	6.84939	0.0681955	0.22167804	2.7038812	21	7 11.2	19.2
93949 2000 WZ_{178}	15.1	X	336.99034	149.78412	273.16527	8.77720	0.1177004	0.23314355	2.6144907	21	12 13.8	17.8
93950 2000 WB_{179}	14.8	X	66.20195	171.18579	196.20800	21.98469	0.0331627	0.24005424	2.5640695	21	—	—
93951 2000 WT_{179}	14.7	X	304.27562	189.63727	253.85442	13.93083	0.2246000	0.22883758	2.6471861	21	10 29.7	17.4
93952 2000 WK_{181}	15.1	X	70.60987	283.70367	3.77616	14.79873	0.0969454	0.23301190	2.6154755	21	10 24.8	18.8
93953 2000 WY_{181}	15.9	X	298.37018	219.42718	165.12373	12.60199	0.1908373	0.22767144	2.6562178	21	7 30.1	19.2
93954 2000 WQ_{182}	15.1	X	244.10844	249.83133	187.05228	21.72537	0.0590531	0.22716609	2.6601557	21	8 13.5	19.2
93955 2000 WT_{183}	14.6	X	296.31551	172.97703	317.96433	9.00595	0.0515913	0.19208596	2.9748995	21	12 31.1	18.7
93956 2000 WM_{184}	15.0	X	164.95514	36.59233	84.48041	13.64577	0.0621330	0.22064825	2.7122875	21	7 11.6	19.0
93957 2000 WM_{186}	14.3	X	144.78436	97.86984	118.89469	18.35574	0.1029088	0.17766048	3.1338305	21	10 24.4	19.5
93958 2000 WP_{187}	14.6	X	170.87129	187.25582	343.94974	12.06685	0.0745246	0.22968346	2.6406828	21	9 20.0	18.6
93959 2000 WR_{187}	15.2	X	304.90729	256.47278	342.21731	9.40063	0.0740738	0.25772151	2.4455072	21	2 7.7	18.3
93960 2000 WE_{191}	15.2	X	156.07333	314.05567	107.88398	11.29765	0.2899857	0.21309601	2.7759982	21	5 4.5	20.3
93961 2000 WF_{191}	15.1	X	175.37301	321.13773	114.57654	10.42178	0.0971652	0.21800846	2.7341383	21	5 28.3	19.3
93962 2000 WG_{192}	15.0	X	333.26266	264.07767	120.78792	14.03965	0.0577348	0.23190444	2.6237957	21	10 21.9	18.5
93963 2000 XE	15.7	X	285.02459	292.74065	117.57666	12.55760	0.1915938	0.23026350	2.6362463	21	8 18.5	19.0
93964 2000 XL_{2}	16.0	X	54.47573	281.40046	105.09401	6.71233	0.3024429	0.24443315	2.5333546	21	—	—
93965 2000 XL_{3}	14.7	X	123.46779	3.33664	292.52239	13.08703	0.1749250	0.24188275	2.5511311	21	—	—
93966 2000 XU_{3}	15.1	X	197.24313	85.55237	332.50962	8.51013	0.1234493	0.21756169	2.7378801	21	5 23.9	19.6
93967 2000 XA_{4}	14.8	X	231.20925	302.23540	16.90321	13.85175	0.1109103	0.21000042	2.8032120	21	3 4.8	19.3
93968 2000 XO_{5}	14.5	X	279.50900	181.86951	282.09242	12.67281	0.0235926	0.23371198	2.6102498	21	11 12.2	18.1
93969 2000 XQ_{5}	14.3	X	17.62039	39.98722	279.47959	14.01458	0.1083805	0.22882857	2.6472557	21	9 19.2	17.8
93970 2000 XR_{6}	15.1	X	303.19340	316.59953	44.23922	13.41472	0.1929950	0.22458242	2.6805189	21	7 6.2	18.5
93971 2000 XS_{6}	14.6	X	150.25824	27.09864	42.99075	9.33171	0.2739162	0.21142020	2.7906480	21	5 4.6	19.5
93972 2000 XF_{7}	14.6	X	144.38631	69.24836	36.57307	10.12911	0.2337999	0.21336310	2.7736810	21	6 8.7	19.3
93973 2000 XR_{7}	14.4	X	114.20867	170.87190	305.86833	8.77521	0.1830732	0.21006524	2.8026353	21	5 19.5	18.7
93974 2000 XT_{7}	14.3	X	35.24788	3.21277	49.88959	10.72370	0.0671351	0.19225345	2.9731714	21	—	—
93975 2000 XC_{8}	13.8	X	96.00701	131.05913	20.14423	8.87827	0.0946623	0.21171849	2.7880262	21	5 30.6	17.7
93976 2000 XT_{8}	14.9	X	23.67193	347.17071	50.43519	12.28944	0.2159337	0.23739323	2.5831948	21	—	—
93977 2000 XV_{8}	15.2	X	235.28838	69.21913	348.42171	8.70714	0.2233050	0.21977202	2.7194920	21	6 25.7	19.7
93978 2000 XT_{9}	14.5	X	261.85662	50.61595	20.71087	12.85515	0.1742708	0.22232257	2.6986528	21	8 21.9	18.5
93979 2000 XF_{11}	15.0	X	215.91268	196.03117	311.35915	12.93532	0.1296872	0.23040061	2.6352003	21	9 29.8	19.2
93980 2000 XP_{11}	15.2	X	260.52735	269.96197	146.86817	10.10468	0.1309850	0.22548540	2.6733578	21	7 31.3	19.0
93981 2000 XU_{11}	14.1	X	311.86521	51.19622	330.88003	12.55443	0.0389253	0.22665314	2.6641677	21	9 6.8	17.5
93982 2000 XZ_{11}	14.1	X	126.60509	161.57733	23.47662	10.08481	0.0392235	0.17402653	3.1773062	21	8 19.3	18.8
93983 2000 XK_{12}	15.4	X	130.61128	129.96421	334.22747	7.29411	0.0655105	0.21263274	2.7800288	21	5 7.0	19.4
93984 2000 XT_{12}	14.4	X	100.43082	310.18226	28.88048	10.32763	0.2223068	0.24144420	2.5542194	21	—	—
93985 2000 XU_{15}	14.7	X	21.78311	61.00033	293.17327	13.90994	0.1493971	0.23670844	2.5881745	21	11 27.3	18.0
93986 2000 XZ_{15}	15.3	X	334.50610	73.89472	359.80649	14.66670	0.0784907	0.23824339	2.5770459	21	12 24.1	18.6
93987 2000 XB_{16}	14.9	X	328.20718	29.27010	309.98779	12.66049	0.0524785	0.22603903	2.6689909	21	8 3.8	18.3
93988 2000 XC_{16}	13.6	X	86.04888	14.51011	297.34326	14.46580	0.1793223	0.23996085	2.5647348	21	12 26.6	17.7
93989 2000 XT_{16}	14.3	X	219.04716	246.79289	316.67986	9.41810	0.0736162	0.18939856	3.0029742	21	12 18.6	18.8
93990 2000 XZ_{16}	14.4	X	70.08847	80.43568	282.83076	12.36849	0.1903260	0.24144262	2.5542306	21	—	—
93991 2000 XM_{17}	14.1	X	113.91389	209.09351	330.11360	11.89909	0.1103497	0.16755717	3.2585724	21	8 2.2	19.0
93992 2000 XO_{17}	15.1	X	222.00808	24.92289	23.22339	14.95740	0.1769636	0.21508340	2.7588713	21	6 1.0	19.8
93993 2000 XX_{17}	15.6	X	210.52530	65.82279	356.20079	10.95065	0.1759452	0.21956155	2.7212296	21	6 9.8	20.2
93994 2000 XW_{18}	14.8	X	157.96208	160.16717	323.10172	11.06912	0.0849308	0.21870614	2.7283205	21	7 8.9	18.9
93995 2000 XA_{19}	14.7	X	87.81740	281.33054	28.89329	14.21036	0.0933968	0.23631436	2.5910510	21	12 15.3	18.7
93996 2000 XO_{19}	14.5	X	120.53894	275.90229	283.52444	12.41315	0.0240777	0.22471247	2.6794846	21	8 21.7	18.4
93997 2000 XT_{19}	14.6	X	139.40013	248.79127	35.91046	13.89278	0.1398352	0.24023727	2.5627670	21	—	—
93998 2000 XL_{20}	14.3	X	193.74441	216.78225	24.94072	11.84410	0.0640840	0.19233258	2.9723559	21	—	—
93999 2000 XZ_{20}	15.2	X	170.22531	64.43682	12.25650	9.15456	0.0796249	0.21497902	2.7597643	21	5 18.7	19.4
94000 2000 XK_{21}	14.7	X	111.22677	236.11389	11.12923	14.83720	0.0600503	0.23185468	2.6241710	21	10 18.9	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94001 2000 XP_{21}	15.6	X	293.30403	87.00695	304.82782	10.38301	0.2132885	0.22694196	2.6619068	21	7 30.1	18.7
94002 2000 XX_{22}	14.0	X	147.64837	260.01782	291.93888	16.18233	0.1039929	0.17785668	3.1315253	21	9 10.9	19.2
94003 2000 XZ_{23}	15.4	X	298.68966	130.87507	319.79025	8.41187	0.0651628	0.23330489	2.6132853	21	11 17.4	18.8
94004 2000 XL_{24}	14.3	X	24.09082	34.40789	25.20464	11.10911	0.1046087	0.19280223	2.9675270	21	—	—
94005 2000 XO_{25}	14.9	X	271.10689	340.23914	35.49953	13.32029	0.1396356	0.22065476	2.7122341	21	6 17.6	18.9
94006 2000 XQ_{25}	14.6	X	14.97158	25.53425	42.68220	11.13972	0.0800801	0.19188615	2.9769643	21	—	—
94007 2000 XR_{25}	14.6	X	57.32240	76.22056	300.57947	9.41009	0.2664987	0.24165399	2.5527409	21	—	—
94008 2000 XT_{25}	14.7	X	71.31820	12.15134	1.57703	10.84719	0.0965385	0.19294319	2.9660815	21	—	—
94009 2000 XZ_{26}	14.2	X	241.15670	139.75010	342.92340	10.86346	0.1255205	0.17987636	3.1080405	21	9 26.5	18.8
94010 2000 XJ_{27}	14.8	X	308.99592	46.85955	310.26610	11.70415	0.1837780	0.22345188	2.6895526	21	7 12.9	17.9
94011 2000 XZ_{27}	14.0	X	203.52958	85.04059	41.28703	13.78888	0.1467947	0.22202188	2.7010889	21	9 2.8	18.5
94012 2000 XM_{28}	13.8	X	55.63351	62.53313	48.94411	13.14696	0.0780686	0.20138751	2.8825778	21	2 17.9	17.7
94013 2000 XP_{28}	14.9	X	352.69712	26.90698	36.55305	14.85773	0.0840257	0.23557718	2.5964537	21	—	—
94014 2000 XJ_{29}	15.2	X	200.04289	84.86331	30.42147	13.59466	0.1303967	0.22033554	2.7148532	21	8 16.2	19.7
94015 2000 XT_{29}	14.4	X	302.06036	301.36061	65.39561	13.26250	0.2006131	0.22322367	2.6913854	21	7 11.5	17.8
94016 2000 XC_{30}	14.5	X	286.49416	357.84577	23.62378	11.61395	0.2295822	0.22308335	2.6925139	21	7 4.1	18.3
94017 2000 XT_{30}	14.5	X	131.64775	94.67157	287.33739	12.49791	0.0411789	0.20224545	2.8744199	21	1 24.3	18.6
94018 2000 XM_{31}	14.9	X	333.52270	301.42296	26.20821	11.78320	0.2014922	0.22397944	2.6853276	21	7 16.2	17.7
94019 2000 XN_{32}	14.9	X	15.55121	18.13703	51.10846	10.75269	0.0791486	0.19139709	2.9820333	21	—	—
94020 2000 XH_{33}	15.2	X	213.53949	68.15479	356.34445	12.67784	0.1271741	0.21715983	2.7412568	21	6 19.5	19.7
94021 2000 XJ_{33}	14.2	X	269.46064	171.18089	36.88462	10.07186	0.1345786	0.19546801	2.9404847	21	—	—
94022 2000 XH_{35}	13.8	X	189.64331	123.52480	68.88654	15.02211	0.1083364	0.17900278	3.1181442	21	11 3.9	18.7
94023 2000 XL_{36}	14.3	X	1.48505	117.46982	308.81975	13.74858	0.0920472	0.23989900	2.5651755	21	—	—
94024 2000 XS_{36}	14.3	X	30.19770	60.76725	313.64205	12.68101	0.1712278	0.23834418	2.5763193	21	—	—
94025 2000 XC_{37}	15.6	X	305.49171	15.68092	345.98215	12.88569	0.1896588	0.22617454	2.6679247	21	7 14.6	19.0
94026 2000 XF_{39}	15.4	X	294.66460	3.74623	29.70432	14.24443	0.2492081	0.22686041	2.6625447	21	8 3.8	18.9
94027 2000 XL_{39}	14.6	X	39.89781	43.45618	323.00472	13.95306	0.1292628	0.23654609	2.5893586	21	—	—
94028 2000 XM_{39}	14.4	X	7.58076	82.75979	25.45680	12.63379	0.1654895	0.24287540	2.5441753	21	—	—
94029 2000 XN_{39}	14.6	X	214.16609	25.91016	31.72401	15.87002	0.0831949	0.21699321	2.7426599	21	6 11.5	18.9
94030 2000 XC_{40}	13.3	X	108.78672	247.88418	31.31370	28.02207	0.1142671	0.23389733	2.6088706	21	11 23.9	17.6
94031 2000 XF_{40}	14.9	X	289.82343	150.55709	329.30311	16.00446	0.0940050	0.23554907	2.5966602	21	12 13.2	18.3
94032 2000 XC_{41}	13.5	X	95.14933	162.87288	31.75443	23.53237	0.0773822	0.17046839	3.2213666	21	8 2.8	18.6
94033 2000 XS_{41}	14.1	X	246.38328	177.37416	348.15136	19.76230	0.1323325	0.18644676	3.0345862	21	11 19.2	18.9
94034 2000 XB_{46}	14.7	X	197.87503	152.33958	7.43448	29.55367	0.1657491	0.22474801	2.6792021	21	9 30.7	19.0
94035 2000 XX_{47}	15.2	X	270.19695	167.70642	319.05543	13.03126	0.0773651	0.23374232	2.6100239	21	11 21.6	18.9
94036 2000 XG_{48}	14.5	X	58.22470	30.62161	22.08253	12.24733	0.0526725	0.19602663	2.9348957	21	—	—
94037 2000 XK_{48}	14.8	X	46.93830	293.85314	40.39816	13.24101	0.1536172	0.23371450	2.6102310	21	12 5.2	18.4
94038 2000 XX_{48}	14.5	X	340.11761	163.92162	334.47450	11.99248	0.0495502	0.19516883	2.9434890	21	—	—
94039 2000 XW_{50}	15.4	X	177.38250	155.90047	323.33383	8.67043	0.0929160	0.22047497	2.7137085	21	7 24.6	19.6
94040 2000 XE_{52}	15.2	X	301.19730	35.82189	343.74892	8.31989	0.1306199	0.22438669	2.6820775	21	8 10.3	18.4
94041 2000 XK_{52}	15.3	X	176.15846	33.69851	26.40734	8.12855	0.2172100	0.21269315	2.7795024	21	5 9.1	20.0
94042 2000 XU_{52}	13.9	X	235.78657	153.68054	47.86863	10.00706	0.0940021	0.18922871	3.0047709	21	—	—
94043 2000 XB_{53}	14.1	X	89.56033	50.54570	20.94523	10.89015	0.1212011	0.20171269	2.8794789	21	2 19.4	18.0
94044 2000 XW_{53}	15.4	X	198.91575	289.34223	90.11567	5.45319	0.0836385	0.21211211	2.7845760	21	4 12.6	19.6
94045 2000 XO_{54}	14.6	X	357.73389	324.59194	118.36601	14.21585	0.1014080	0.24457569	2.5323702	21	—	—
94046 2000 YK	14.9	X	323.23310	72.96296	27.02051	22.28205	0.0935663	0.23649237	2.5897507	21	—	—
94047 2000 YO_{1}	14.8	X	246.40306	163.36338	326.57932	14.79446	0.0400949	0.23564055	2.5959881	21	10 26.1	18.6
94048 2000 YU_{2}	15.6	X	221.35604	34.98593	34.69408	8.15640	0.1258486	0.21816981	2.7327901	21	7 5.2	19.9
94049 2000 YM_{4}	15.4	X	39.94721	188.04326	261.81448	0.95808	0.0271874	0.20034737	2.8925460	21	—	—
94050 2000 YP_{4}	15.1	X	46.97656	343.69003	247.04224	7.77211	0.0830702	0.21974786	2.7196913	21	7 7.1	18.5
94051 2000 YW_{4}	15.0	X	179.62521	319.25290	279.56904	7.92767	0.0865023	0.18882504	3.0090518	21	12 17.1	19.6
94052 2000 YS_{5}	14.8	X	115.96975	180.23029	22.62247	9.84885	0.1170499	0.22281757	2.6946545	21	9 8.5	18.9
94053 2000 YO_{6}	14.9	X	39.25843	55.43067	299.11446	11.12018	0.2014922	0.23544283	2.5974413	21	12 31.6	18.5
94054 2000 YE_{9}	15.0	X	346.33437	74.39933	286.94729	11.78456	0.2055293	0.22710876	2.6606033	21	9 28.0	17.7
94055 2000 YP_{11}	15.4	X	98.35667	355.76150	61.86137	2.94854	0.0581343	0.20395144	2.8583684	21	1 31.5	19.2
94056 2000 YX_{12}	15.3	X	202.35819	0.76032	124.07744	14.72917	0.1887819	0.22369429	2.6876092	21	8 23.0	19.8
94057 2000 YG_{14}	15.2	X	237.27386	233.99855	102.52437	5.89148	0.0051688	0.20916300	2.8106890	21	4 7.2	19.1
94058 2000 YM_{17}	14.3	X	225.95840	66.40854	58.96756	22.51530	0.0802646	0.22328281	2.6909101	21	10 7.8	18.5
94059 2000 YA_{18}	14.6	X	245.67297	23.04634	115.20874	10.15510	0.1712976	0.23269780	2.6178285	21	10 28.6	18.4
94060 2000 YE_{18}	15.4	X	237.62431	200.01454	213.37509	8.39144	0.1301224	0.22031425	2.7150281	21	6 29.7	19.6
94061 2000 YF_{18}	15.1	X	226.71214	93.66174	318.23202	7.39008	0.1529660	0.21850084	2.7300293	21	6 15.1	19.4
94062 2000 YF_{21}	14.8	X	160.27744	67.75651	43.06986	4.02281	0.0697993	0.21405505	2.7677003	21	6 22.8	18.9
94063 2000 YA_{22}	14.8	X	333.30952	292.54716	72.12672	6.44502	0.2880979	0.22715513	2.6602412	21	9 7.7	16.6
94064 2000 YQ_{25}	15.2	X	77.92621	358.48745	30.21765	2.17496	0.1123232	0.19494963	2.9456950	21	—	—
94065 2000 YJ_{26}	15.5	X	78.55270	218.63873	132.41062	3.84242	0.1814223	0.24188230	2.5511343	21	—	—
94066 2000 YT_{29}	14.9	X	304.76730	24.88316	70.87693	1.60789	0.1789338	0.18392908	3.0622157	21	11 14.7	18.2
94067 2000 YS_{31}	15.4	X	304.48145	187.40371	193.29431	11.85252	0.1957326	0.22676850	2.6632641	21	8 1.6	18.7
94068 2000 YE_{34}	14.5	X	314.03924	223.33685	273.07859	8.95736	0.0668691	0.18782671	3.0197047	21	—	—
94069 2000 YL_{34}	14.6	X	309.00421	181.28482	292.34871	10.93241	0.1918365	0.18457070	3.0551149	21	12 14.9	17.9
94070 2000 YG_{36}	15.1	X	210.23784	255.76558	152.99929	2.05606	0.0724645	0.21448974	2.7639597	21	5 30.2	19.1
94071 2000 YM_{37}	14.1	X	145.70220	129.26620	110.89898	13.14727	0.0202489	0.18240206	3.0792826	21	11 16.9	18.7
94072 2000 YJ_{38}	14.6	X	99.17020	114.99818	239.49045	5.36898	0.2484880	0.24267523	2.5455741	21	—	—
94073 2000 YA_{39}	14.2	X	82.15384	175.06370	108.54727	16.49124	0.0154904	0.17951146	3.1122509	21	10 28.0	18.9
94074 2000 YB_{40}	14.5	X	304.22467	338.36028	110.33282	11.10111	0.0952291	0.18351972	3.0667677	21	11 16.7	18.5
94075 2000 YZ_{40}	15.0	X	355.68519	323.50913	117.91622	1.73517	0.1214887	0.19008930	2.9956950	21	—	—
94076 2000 YU_{41}	15.3	X	54.69173	117.22540	305.10474	0.57794	0.1214407	0.19561014	2.9390601	21	—	—
94077 2000 YJ_{43}	14.6	X	152.82030	242.20007	130.07212	7.30308	0.0508180	0.20062062	2.8899190	21	2 9.8	18.7
94078 2000 YC_{45}	14.4	X	128.68436	231.58997	96.20166	10.32418	0.0656647	0.19220383	2.9736831	21	—	—
94079 2000 YN_{46}	14.3	X	65.93362	215.21765	114.48615	12.89743	0.0729398	0.18330124	3.0692042	21	12 6.1	18.8
94080 2000 YC_{47}	15.8	X	311.87213	351.19370	38.29905	1.66298	0.2336432	0.22712628	2.6604664	21	8 27.3	18.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94081 2000 YE_{47}	14.6	X	177.57756	24.28356	134.23462	3.72405	0.0387991	0.17380157	3.1800473	21	9 10.8	19.3
94082 2000 YD_{49}	15.9	X	26.20927	64.61529	342.86312	0.36828	0.2024850	0.23870659	2.5737110	21	—	—
94083 2000 YZ_{51}	14.3	X	90.03993	118.51413	78.44111	2.45916	0.0821721	0.16695025	3.2664650	21	7 22.4	19.0
94084 2000 YL_{52}	14.8	X	8.04183	109.40327	306.99050	6.50081	0.1760615	0.23685507	2.5871062	21	—	—
94085 2000 YV_{52}	15.2	X	120.87191	278.13580	97.95563	4.29338	0.2003048	0.19900513	2.9055378	21	1 28.6	19.3
94086 2000 YG_{55}	15.0	X	240.78596	50.05060	82.26771	2.17788	0.1238616	0.17912212	3.1167590	21	10 11.6	19.6
94087 2000 YC_{58}	14.6	X	135.92212	20.77368	283.00451	8.83184	0.0702342	0.18965503	3.0002663	21	—	—
94088 2000 YV_{58}	14.4	X	77.74046	146.33336	109.33046	10.13859	0.0479883	0.17410867	3.1763068	21	9 18.6	19.0
94089 2000 YQ_{59}	14.7	X	85.38229	323.78038	132.74501	2.91903	0.0274860	0.20322454	2.8651802	21	2 28.0	18.5
94090 2000 YH_{60}	15.6	X	349.22554	131.53259	280.86523	3.19865	0.2400343	0.23390105	2.6088429	21	—	—
94091 2000 YK_{61}	15.2	X	7.67235	243.22307	197.09585	2.07064	0.2336170	0.19097430	2.9864329	21	—	—
94092 2000 YD_{62}	14.8	X	65.65614	125.96871	284.06088	7.96472	0.0550157	0.19297161	2.9657903	21	—	—
94093 2000 YO_{63}	14.4	X	204.82750	154.20876	310.84019	5.70234	0.1067574	0.16861742	3.2448983	21	8 1.5	19.5
94094 2000 YQ_{65}	14.2	X	224.84073	61.03571	98.58981	11.00628	0.0733627	0.18235098	3.0798577	21	11 5.5	18.8
94095 2000 YG_{67}	15.7	X	211.43476	279.91013	192.81373	9.21911	0.1664810	0.22200613	2.7012166	21	8 13.1	20.2
94096 2000 YS_{69}	15.2	X	324.26680	297.37261	106.16275	4.11692	0.0573013	0.23113577	2.6296096	21	10 28.3	18.4
94097 2000 YT_{71}	14.4	X	312.04092	16.71118	152.49319	2.39836	0.0493543	0.19631233	2.9320475	21	—	—
94098 2000 YV_{71}	14.5	X	1.03402	334.86666	132.05223	2.63875	0.0572675	0.19494902	2.9457011	21	—	—
94099 2000 YS_{72}	15.0	X	4.20136	251.41818	62.11457	5.39712	0.0999343	0.22465071	2.6799757	21	8 29.5	18.1
94100 2000 YH_{73}	13.9	X	129.65585	40.62806	146.42286	5.32530	0.1310004	0.17251951	3.1957827	21	8 28.5	18.8
94101 2000 YQ_{74}	13.8	X	345.37004	67.80417	84.55685	12.40437	0.0915276	0.19819002	2.9134989	21	—	—
94102 2000 YA_{77}	14.8	X	86.15028	267.81843	94.02315	11.57152	0.0573353	0.19316931	2.9637664	21	—	—
94103 2000 YU_{77}	15.3	X	201.34649	338.01547	85.04302	6.37382	0.0357356	0.21606892	2.7504759	21	6 8.7	19.1
94104 2000 YG_{78}	14.6	X	304.48805	236.85807	274.36175	9.97861	0.0592589	0.19262066	2.9693915	21	—	—
94105 2000 YX_{78}	15.6	X	338.36933	153.69510	260.03197	2.03315	0.1351919	0.23376354	2.6098659	21	12 4.4	18.1
94106 2000 YB_{79}	13.4	X	168.82039	139.13318	94.36730	11.40303	0.0999218	0.18567758	3.0429611	21	11 30.6	18.2
94107 2000 YW_{82}	14.0	X	172.39259	274.19741	249.37779	14.54761	0.1806576	0.17526299	3.1623449	21	9 2.3	19.6
94108 2000 YY_{86}	14.3	X	158.97248	154.34888	109.51226	9.98955	0.1070752	0.18705589	3.0279947	21	12 25.2	19.0
94109 2000 YP_{87}	14.1	X	91.54748	191.07031	107.27308	15.88448	0.0587781	0.18327414	3.0695067	21	11 27.8	18.7
94110 2000 YZ_{87}	15.2	X	225.01152	1.22464	35.72432	1.81081	0.1150243	0.21605969	2.7505543	21	5 27.9	19.3
94111 2000 YY_{88}	15.0	X	54.79929	100.41636	265.33225	2.63899	0.2281963	0.23865055	2.5741139	21	—	—
94112 2000 YH_{90}	14.7	X	137.33027	229.48443	104.70829	17.18247	0.0969253	0.19444337	2.9508058	21	—	—
94113 2000 YC_{91}	14.6	X	77.36030	254.04528	95.89341	11.89760	0.0798571	0.18841251	3.0134423	21	—	—
94114 2000 YS_{96}	14.9	X	279.29646	324.47442	115.35274	6.99320	0.0735110	0.17714864	3.1398640	21	10 3.2	19.2
94115 2000 YK_{98}	14.2	X	191.86521	33.43692	116.97556	7.36711	0.0550490	0.17313601	3.1881919	21	9 18.2	19.0
94116 2000 YS_{101}	14.5	X	280.29841	336.89030	126.17066	15.42216	0.1189891	0.18275855	3.0752770	21	10 31.3	18.9
94117 2000 YE_{102}	15.1	X	219.35457	301.43203	147.23439	10.31860	0.1728394	0.21902504	2.7256717	21	7 22.5	19.6
94118 2000 YV_{102}	15.3	X	282.88322	175.94762	213.64103	5.42339	0.2506552	0.22217080	2.6998817	21	7 5.2	18.9
94119 2000 YN_{103}	15.2	X	199.85026	273.78664	154.40749	9.50462	0.1249088	0.21437615	2.7649359	21	6 11.7	19.7
94120 2000 YF_{106}	14.2	X	44.69890	142.96055	57.86474	12.33426	0.2120033	0.21215217	2.7842254	21	6 8.9	17.1
94121 2000 YR_{107}	14.9	X	140.46811	352.05149	89.52660	9.25124	0.1182836	0.20916004	2.8107156	21	5 1.7	19.2
94122 2000 YJ_{108}	16.1	X	142.13289	99.11322	337.70494	2.46380	0.1737362	0.20909437	2.8113041	21	4 28.1	20.5
94123 2000 YN_{108}	15.5	X	323.41376	128.73908	323.42352	3.33027	0.2267239	0.23490485	2.6014056	21	—	—
94124 2000 YJ_{109}	15.0	X	92.04812	65.57544	305.52786	9.10690	0.0498064	0.19265769	2.9690110	21	—	—
94125 2000 YU_{111}	15.2	X	33.95386	91.52662	304.43494	11.26063	0.1853146	0.23761895	2.5815587	21	—	—
94126 2000 YN_{112}	14.5	X	247.41823	62.83788	95.17430	11.94350	0.0147658	0.18356197	3.0662972	21	12 5.1	18.8
94127 2000 YQ_{112}	13.8	X	41.91738	278.29549	94.07054	10.03048	0.0322584	0.18514380	3.0488070	21	12 21.3	18.1
94128 2000 YC_{113}	14.8	X	329.02775	358.03334	66.66634	1.86717	0.1210499	0.18309093	3.0715541	21	11 19.8	18.5
94129 2000 YU_{113}	14.4	X	336.34307	25.60207	307.59825	14.38679	0.2113297	0.22076711	2.7113139	21	7 27.8	16.7
94130 2000 YA_{114}	15.1	X	125.07101	252.61892	135.34489	7.39475	0.1062015	0.19958301	2.8999266	21	2 3.6	19.3
94131 2000 YH_{115}	14.5	X	276.32232	355.11768	112.66882	13.80863	0.0416242	0.18010195	3.1054445	21	11 9.8	19.0
94132 2000 YO_{115}	13.4	X	176.86139	224.67369	310.01393	18.29183	0.0662865	0.17456231	3.1708016	21	9 18.6	18.5
94133 2000 YH_{116}	14.1	X	239.28654	32.63321	106.75695	6.86395	0.0700040	0.17837971	3.1254010	21	10 27.3	18.6
94134 2000 YT_{117}	15.3	X	356.41657	144.14716	316.05858	10.43582	0.0764145	0.18927324	3.0042996	21	—	—
94135 2000 YB_{119}	15.3	X	352.75847	218.56033	147.71657	13.82939	0.1952156	0.23196435	2.6233438	21	11 3.9	18.1
94136 2000 YL_{122}	14.5	X	195.41885	274.16318	233.17575	26.72665	0.0470417	0.22561483	2.6723353	21	9 11.3	19.0
94137 2000 YN_{125}	15.0	X	174.42485	144.40624	349.74937	12.87277	0.1083500	0.21721221	2.7408161	21	8 12.1	19.3
94138 2000 YZ_{129}	15.2	X	252.78748	269.74423	102.94435	6.03122	0.1297499	0.21793823	2.7347257	21	5 26.7	19.2
94139 2000 YC_{130}	15.0	X	91.49913	290.16434	99.58356	3.31078	0.0389004	0.19694294	2.9257852	21	—	—
94140 2000 YC_{134}	15.0	X	154.15874	266.00848	149.90905	5.56420	0.0894091	0.20928031	2.8096387	21	4 10.2	19.1
94141 2000 YJ_{135}	15.2	X	87.46764	122.02129	233.23470	25.86897	0.2148410	0.24324777	2.5415781	21	—	—
94142 2000 YO_{136}	15.4	X	2.57861	170.59343	355.55681	1.64274	0.0272391	0.20353093	2.8623041	21	2 6.1	19.0
94143 2000 YO_{139}	14.6	X	238.37280	173.76128	273.93134	16.28389	0.2057415	0.21870022	2.7283698	21	8 1.7	19.1
94144 2000 YR_{139}	13.7	X	239.31385	226.81298	261.26615	15.74546	0.1937415	0.17607994	3.1525559	21	9 17.7	18.9
94145 2000 YH_{140}	15.6	X	179.76454	83.21084	321.04082	3.85928	0.1496071	0.21260374	2.7802816	21	4 20.9	20.1
94146 2001 AK_{1}	15.0	X	7.95020	265.55270	115.28761	12.88729	0.1403546	0.18146908	3.0898279	21	12 1.1	18.9
94147 2001 AT_{3}	15.0	X	178.79270	277.98836	130.57225	8.62094	0.2647598	0.21171910	2.7880209	21	5 3.0	20.1
94148 2001 AH_{4}	14.7	X	40.56824	93.10677	265.89483	10.31221	0.3284509	0.23584288	2.5945031	21	—	—
94149 2001 AX_{4}	15.5	X	343.97270	157.75891	247.80636	3.49645	0.2632422	0.23237363	2.6202626	21	12 15.5	17.3
94150 2001 AY_{4}	15.0	X	170.72259	178.66704	278.10354	6.94358	0.1869169	0.21365590	2.7711463	21	6 19.4	19.6
94151 2001 AK_{5}	14.5	X	63.71128	102.97589	275.81449	9.26794	0.2371413	0.23895379	2.5719357	21	—	—
94152 2001 AF_{7}	14.9	X	24.76465	253.60481	156.08196	4.89726	0.2496323	0.23906922	2.5711077	21	—	—
94153 2001 AL_{8}	15.3	X	109.33925	304.90800	131.20202	2.93912	0.0444820	0.20373109	2.8604290	21	3 7.5	19.1
94154 2001 AM_{8}	14.3	X	287.72782	227.31544	265.38117	10.49341	0.0994784	0.18570733	3.0426362	21	12 14.3	18.1
94155 2001 AO_{8}	14.5	X	303.40768	337.26244	132.58312	10.29443	0.1048614	0.18533592	3.0466997	21	12 9.6	18.5
94156 2001 AP_{8}	15.1	X	286.40706	105.02959	253.75084	8.10568	0.2432070	0.21956601	2.7211928	21	5 31.3	18.9
94157 2001 AG_{10}	14.0	X	186.28774	97.12835	133.30161	11.36005	0.0307153	0.18441558	3.0568278	21	12 18.1	18.6
94158 2001 AR_{13}	14.5	X	87.91614	38.35298	299.76723	13.78158	0.0178449	0.18612542	3.0380780	21	—	—
94159 2001 AG_{14}	14.7	X	69.99262	216.84987	135.05128	7.37825	0.2138009	0.23801544	2.5786909	21	—	—
94160 2001 AX_{14}	14.5	X	124.88194	202.97033	149.90208	11.77039	0.1117603	0.19318669	2.9635886	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94161 2001 AM_{15}	15.0	X	314.04631	232.31490	255.69549	6.16703	0.1649789	0.18702666	3.0283103	21	—	—
94162 2001 AE_{17}	15.0	X	25.02634	313.93255	118.12441	6.18724	0.2585783	0.23917106	2.5703778	21	—	—
94163 2001 AV_{20}	15.0	X	306.00066	124.45557	237.47413	12.05809	0.1822365	0.22386668	2.6862292	21	7 10.7	18.3
94164 2001 AC_{21}	14.4	X	181.56789	78.80275	111.75281	13.73987	0.0384052	0.18063045	3.0993841	21	10 30.3	19.2
94165 2001 AP_{21}	15.3	X	270.84740	95.18680	354.77107	2.89589	0.2063515	0.22695406	2.6618122	21	9 16.8	18.6
94166 2001 AC_{22}	14.4	X	272.59899	75.34752	81.09037	11.93402	0.0612452	0.18731316	3.0252216	21	12 27.7	18.5
94167 2001 AU_{22}	14.6	X	212.95250	43.24382	79.51604	10.31212	0.0316609	0.17451208	3.1714099	21	9 12.6	19.3
94168 2001 AZ_{22}	15.0	X	325.00405	359.03551	139.77774	11.33425	0.0334736	0.19185741	2.9772617	21	—	—
94169 2001 AB_{26}	14.2	X	314.85726	8.79740	61.04092	12.73888	0.0639236	0.23209557	2.6223550	21	11 17.2	17.3
94170 2001 AK_{27}	15.1	X	185.57753	26.42848	48.30314	8.07896	0.1198872	0.21388134	2.7691987	21	6 3.9	19.5
94171 2001 AE_{28}	14.1	X	141.03823	196.17322	4.43647	13.15104	0.1175582	0.17279104	3.1924338	21	9 24.3	19.0
94172 2001 AH_{30}	14.9	X	116.47518	1.96051	72.18342	6.02237	0.0795030	0.20543266	2.8446122	21	3 21.1	18.9
94173 2001 AP_{30}	14.1	X	179.24578	253.73600	286.06305	20.92598	0.0817574	0.22615917	2.6680456	21	9 29.6	18.7
94174 2001 AP_{31}	14.0	X	62.56585	301.92689	85.07412	11.42214	0.0552962	0.19177526	2.9781118	21	—	—
94175 2001 AB_{32}	14.9	X	274.93623	199.42536	307.15236	8.71145	0.0437231	0.18692383	3.0294208	21	12 21.3	19.2
94176 2001 AN_{32}	14.3	X	222.91072	133.20030	73.22923	11.81204	0.0720451	0.18718374	3.0266158	21	12 25.7	18.6
94177 2001 AF_{33}	14.5	X	23.16346	4.05123	316.00473	11.50549	0.0243107	0.17595067	3.1540999	21	9 16.9	19.0
94178 2001 AS_{33}	14.9	X	278.24965	105.75051	359.11104	4.22379	0.1908471	0.18146357	3.0898904	21	10 12.5	19.1
94179 2001 AZ_{34}	14.3	X	50.24791	283.73610	131.72957	24.97827	0.1875758	0.19032153	2.9932577	21	—	—
94180 2001 AY_{35}	14.6	X	96.50127	68.27243	71.10902	10.62298	0.0369801	0.20865723	2.8152292	21	5 10.8	18.4
94181 2001 AS_{36}	13.6	X	234.61464	109.93212	331.88822	15.79026	0.0648368	0.17082444	3.2168887	21	8 11.2	18.3
94182 2001 AJ_{38}	14.7	X	46.25800	42.66177	348.20996	12.61060	0.1728396	0.23724356	2.5842811	21	—	—
94183 2001 AY_{38}	15.5	X	136.77028	237.48456	163.92550	2.13297	0.0770520	0.20304626	2.8668571	21	3 1.2	19.5
94184 2001 AU_{42}	14.1	X	64.40482	182.79603	73.63087	15.80841	0.0477158	0.17123393	3.2117581	21	9 6.1	18.9
94185 2001 AE_{43}	14.1	X	92.37482	267.76979	315.55835	15.33237	0.0667625	0.17103847	3.2142046	21	8 22.5	18.8
94186 2001 AH_{45}	14.3	X	167.83350	48.34376	146.13554	16.58794	0.1078869	0.17786505	3.1314271	21	10 17.3	19.4
94187 2001 AF_{52}	14.0	X	246.88708	40.98691	63.49362	27.86326	0.1750581	0.17342998	3.1845881	21	9 24.2	19.3
94188 2001 AD_{53}	14.6	X	196.60080	320.37744	285.90123	10.42586	0.0609810	0.18654482	3.0335227	21	—	—
94189 2001 BU	14.2	X	271.40266	51.31414	93.08146	7.72808	0.1548630	0.18256248	3.0774785	21	11 28.8	18.3
94190 2001 BY	14.9	X	309.84393	128.35705	0.04270	10.91249	0.0836715	0.18561056	3.0436936	21	—	—
94191 2001 BH_{1}	14.8	X	293.31040	171.93835	326.75884	15.92655	0.1291519	0.24028786	2.5624073	21	—	—
94192 2001 BC_{7}	15.1	X	190.40009	276.23373	143.07638	13.96556	0.1960168	0.21241089	2.7819642	21	5 24.6	20.1
94193 2001 BN_{7}	14.5	X	187.16613	199.33830	338.66740	6.88580	0.0330509	0.17732859	3.1377394	21	10 12.6	19.2
94194 2001 BQ_{8}	15.1	X	84.78582	8.89733	86.78922	3.27437	0.0327291	0.20044936	2.8915649	21	2 28.3	18.9
94195 2001 BU_{13}	14.4	X	119.11078	140.32290	133.97636	8.84662	0.0498342	0.17920811	3.1157620	21	11 26.6	19.1
94196 2001 BQ_{14}	14.6	X	304.14377	169.90649	327.57664	5.04094	0.0441481	0.18519169	3.0482814	21	—	—
94197 2001 BB_{15}	14.4	X	49.87677	256.81151	134.14535	16.28439	0.0801462	0.18587617	3.0407933	21	—	—
94198 2001 BL_{15}	13.9	X	163.87279	236.69287	330.97266	10.87091	0.0928473	0.17481180	3.1677839	21	10 19.0	19.0
94199 2001 BM_{16}	14.3	X	10.14266	161.94250	356.99699	12.04985	0.0333164	0.19773944	2.9179231	21	2 11.4	18.3
94200 2001 BF_{17}	15.2	X	307.48685	144.18850	279.84660	9.75033	0.1999801	0.23142130	2.6274462	21	10 8.5	18.1
94201 2001 BE_{18}	14.6	X	316.97234	272.78263	165.10258	12.39523	0.0860723	0.18204278	3.0833328	21	11 21.6	18.7
94202 2001 BF_{20}	14.5	X	51.96187	256.79794	95.83642	11.39105	0.0291102	0.18260947	3.0769506	21	12 9.6	18.9
94203 2001 BF_{22}	15.1	X	269.34548	122.35620	82.23980	5.23725	0.0099508	0.19265860	2.9690017	21	—	—
94204 2001 BR_{24}	14.3	X	117.29755	172.40637	114.74043	12.03746	0.0854644	0.18211348	3.0825348	21	12 11.8	19.1
94205 2001 BM_{25}	15.7	X	207.48246	222.51090	206.25499	1.12344	0.2228995	0.21580684	2.7527023	21	6 15.2	20.2
94206 2001 BS_{26}	14.6	X	319.59611	181.70639	296.88451	7.80666	0.0191060	0.18626531	3.0365568	21	—	—
94207 2001 BH_{27}	14.8	X	339.49422	275.09969	127.84917	10.55661	0.0763131	0.17970700	3.1099929	21	11 11.9	19.0
94208 2001 BA_{29}	15.1	X	318.94414	329.43314	134.90330	2.78917	0.1541207	0.18514062	3.0488420	21	12 23.4	18.4
94209 2001 BB_{33}	13.9	X	330.98175	95.53776	327.15678	15.05826	0.0608065	0.17944893	3.1129739	21	11 15.4	18.3
94210 2001 BK_{33}	15.8	X	30.21229	114.56125	314.15487	5.18304	0.3802718	0.24089329	2.5581122	21	—	—
94211 2001 BG_{34}	14.0	X	11.02976	97.98111	324.23916	9.06181	0.1023379	0.18439299	3.0570775	21	—	—
94212 2001 BV_{34}	14.5	X	23.76204	147.76662	315.95933	8.80406	0.0568154	0.19203398	2.9754363	21	—	—
94213 2001 BM_{35}	14.6	X	66.90752	44.29009	313.91955	21.06002	0.0833025	0.18457609	3.0550554	21	—	—
94214 2001 BV_{35}	14.4	X	327.69245	164.74991	347.20650	12.41414	0.0653604	0.19149127	2.9810555	21	—	—
94215 2001 BO_{42}	14.7	X	243.86369	164.51370	253.65230	9.12618	0.2261807	0.21892767	2.7264797	21	7 2.7	19.1
94216 2001 BT_{42}	15.2	X	246.61877	224.10162	177.00062	9.79969	0.2290989	0.21743586	2.7389363	21	6 14.8	19.8
94217 2001 BH_{44}	14.7	X	274.90947	296.58506	198.93448	6.33624	0.1817522	0.18204171	3.0833449	21	11 18.5	18.7
94218 2001 BK_{45}	13.7	X	199.38682	195.20669	313.30367	27.09182	0.1314017	0.17252804	3.1956774	21	9 4.3	19.1
94219 2001 BP_{45}	13.9	X	149.33708	316.95875	268.01017	25.84884	0.1344869	0.17780215	3.1321656	21	10 25.6	19.3
94220 2001 BF_{46}	14.1	X	23.94696	98.17730	261.54779	15.48157	0.0400148	0.18003379	3.1062282	21	11 11.7	18.6
94221 2001 BD_{47}	15.2	X	3.06258	222.24669	227.98970	9.43476	0.0817508	0.18965823	3.0002325	21	—	—
94222 2001 BE_{48}	15.2	X	25.04679	274.70558	171.05671	13.74552	0.1191815	0.19172762	2.9786051	21	—	—
94223 2001 BU_{53}	15.2	X	113.11141	306.32485	85.22988	8.14649	0.2260295	0.19960738	2.8996906	21	2 12.8	19.4
94224 2001 BA_{57}	14.7	X	27.80504	180.51328	222.54445	8.53142	0.2569349	0.23817490	2.5775398	21	—	—
94225 2001 BO_{59}	14.3	X	284.28157	281.75145	152.05623	26.76387	0.1542965	0.17550041	3.1594922	21	9 19.8	18.6
94226 2001 BA_{61}	14.5	X	28.81690	168.14794	262.70700	26.81386	0.1565000	0.23955229	2.5676501	21	—	—
94227 2001 BK_{61}	14.1	X	2.36854	115.19707	260.23539	13.98966	0.0399424	0.17817531	3.1277908	21	11 1.4	18.6
94228 Leesuikwan	14.1	X	347.10232	76.93579	335.77220	21.58734	0.1262044	0.22856864	2.6492622	21	12 17.2	17.6
94229 2001 BR_{62}	14.8	X	143.43072	322.97741	152.04330	9.60117	0.1128607	0.21045948	2.7991342	21	6 13.4	19.2
94230 2001 BU_{63}	13.2	X	331.89634	297.79839	327.67474	15.10143	0.0653293	0.15636179	3.4123137	21	4 25.9	18.2
94231 2001 BQ_{65}	14.1	X	202.84433	201.28924	285.31147	10.79957	0.0970067	0.16929138	3.2362805	21	8 22.1	19.3
94232 2001 BG_{67}	14.3	X	199.60643	308.50127	178.70553	14.17946	0.1362647	0.16885343	3.2418740	21	8 19.5	19.6
94233 2001 BG_{68}	13.9	X	147.68487	24.58857	342.95963	13.26032	0.2075092	0.19565523	2.9386086	21	2 16.5	18.6
94234 2001 BE_{74}	15.1	X	290.55840	102.37560	311.73194	10.43673	0.1853906	0.22463241	2.6801212	21	8 28.1	18.3
94235 2001 BO_{74}	14.6	X	264.64815	178.51142	324.65357	14.56477	0.0600160	0.18050084	3.1008676	21	11 27.6	19.2
94236 2001 BU_{75}	13.8	X	349.32174	72.38003	284.40517	17.15507	0.2044551	0.17455386	3.1709039	21	9 14.5	17.5
94237 2001 BJ_{78}	15.6	X	210.60909	222.81691	184.93473	7.62801	0.1228182	0.21239766	2.7820797	21	5 27.9	20.0
94238 2001 CM_{6}	15.3	X	208.59411	58.22234	81.02551	2.01628	0.1481060	0.17314829	3.1880411	21	9 14.2	20.2
94239 2001 CT_{6}	14.0	X	200.27854	224.69556	334.77139	14.83510	0.0872251	0.17880196	3.1204785	21	11 15.4	19.0
94240 2001 CO_{7}	14.7	X	287.86621	298.99554	132.42409	15.57453	0.0691939	0.17437472	3.1730753	21	10 6.6	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94241 2001 CC_8	14.6	X	154.57827	186.52761	352.87538	6.76119	0.0591558	0.16935478	3.2354727	21	9 9.9	19.4
94242 2001 CE_9	14.1	X	187.57324	207.10220	351.98854	8.43077	0.1003387	0.17653699	3.1471123	21	11 3.1	19.0
94243 2001 CB_{10}	14.3	X	256.66964	7.05870	98.65080	11.83549	0.1571197	0.17545470	3.1600409	21	9 27.5	19.0
94244 2001 CP_{10}	14.5	X	44.62385	270.60076	107.62890	12.14004	0.1087465	0.18534031	3.0466516	21	—	—
94245 2001 CW_{11}	14.7	X	297.01333	91.47563	348.01679	8.64859	0.0988418	0.17874558	3.1211347	21	10 17.6	18.8
94246 2001 CP_{15}	13.8	X	299.23326	274.51760	332.00996	8.96064	0.0175855	0.15098470	3.4928566	21	3 4.9	18.8
94247 2001 CA_{18}	15.3	X	272.43589	317.23429	161.28433	2.71536	0.1282055	0.18130407	3.0917024	21	11 1.7	19.5
94248 2001 CX_{21}	14.4	X	174.62435	252.63318	333.97906	5.40059	0.1257663	0.18081732	3.0972483	21	11 23.8	19.3
94249 2001 CN_{24}	14.9	X	267.88091	258.58823	264.43091	5.42398	0.0903391	0.18522106	3.0479591	21	12 25.4	18.9
94250 2001 CZ_{26}	14.4	X	271.80776	321.91615	132.21908	19.45557	0.1234433	0.17372431	3.1809902	21	10 7.0	19.1
94251 2001 CS_{27}	13.5	X	139.57822	118.99226	110.60123	21.12433	0.0890445	0.17474359	3.1686082	21	11 3.9	18.8
94252 2001 CF_{28}	14.1	X	1.70488	20.25197	356.72997	11.67304	0.0237867	0.17802287	3.1295761	21	10 30.9	18.6
94253 2001 CN_{28}	14.5	X	194.50596	191.36047	349.00218	13.40116	0.1246053	0.17629809	3.1499548	21	10 15.6	19.6
94254 2001 CS_{29}	14.9	X	19.40628	345.43990	109.42662	5.06775	0.0411104	0.19082806	2.9879584	21	—	—
94255 2001 CX_{30}	14.9	X	291.09097	13.95224	65.58575	10.53833	0.2167266	0.22577496	2.6710716	21	10 7.7	18.0
94256 2001 CS_{33}	14.7	X	64.45959	38.19205	73.34083	17.36501	0.1693975	0.19917499	2.9038856	21	3 18.5	18.6
94257 2001 CJ_{35}	13.9	X	311.57571	24.43763	29.09317	22.00545	0.0570791	0.17432179	3.1737175	21	10 14.9	18.1
94258 2001 CZ_{36}	14.8	X	315.25618	254.28260	203.10569	5.49938	0.1072557	0.18348142	3.0671945	21	12 10.3	18.6
94259 2001 CQ_{38}	15.0	X	55.00213	62.21674	336.46653	12.87974	0.1622278	0.24052824	2.5606998	21	—	—
94260 2001 CJ_{40}	14.1	X	248.79756	115.07144	7.60678	10.38849	0.0550962	0.17630936	3.1498204	21	10 15.3	18.5
94261 2001 CL_{40}	14.4	X	338.54272	305.35493	91.78714	15.00380	0.0340492	0.17728374	3.1382686	21	11 4.9	18.9
94262 2001 CK_{43}	14.7	X	230.20386	45.82946	50.97859	17.81502	0.2036533	0.21693847	2.7431212	21	8 18.6	19.4
94263 2001 CC_{44}	14.0	X	227.60440	168.84676	354.85028	27.81245	0.1277595	0.17820086	3.1274918	21	10 20.4	19.2
94264 2001 CG_{44}	14.3	X	154.35918	194.95319	12.24854	17.55173	0.0746187	0.17348334	3.1839350	21	10 12.0	19.2
94265 2001 CU_{45}	13.8	X	72.98813	156.23567	113.04755	22.26756	0.0286258	0.16927483	3.2364915	21	10 1.4	18.8
94266 2001 DO	13.6	X	90.61437	93.53916	195.37980	8.58748	0.0875479	0.12587451	3.9431580	21	11 8.2	19.3
94267 2001 DR_3	14.8	X	242.46434	160.24534	3.02811	12.20609	0.0405529	0.18243892	3.0788679	21	11 27.4	19.4
94268 2001 DR_{10}	14.7	X	275.32443	254.69504	175.23707	9.61252	0.0629145	0.17351511	3.1835464	21	9 12.9	19.2
94269 2001 DS_{18}	13.6	X	212.00393	192.22513	0.63892	19.66658	0.0812281	0.17778745	3.1323382	21	11 18.5	18.6
94270 2001 DZ_{19}	14.0	X	309.11158	14.30717	5.55084	12.62723	0.1390687	0.17014989	3.2253853	21	8 21.7	18.2
94271 2001 DO_{21}	14.0	X	232.45298	166.32674	13.99073	19.67762	0.1538646	0.17722537	3.1389576	21	11 17.8	19.0
94272 2001 DB_{24}	15.0	X	215.32016	92.06056	83.94293	2.31665	0.1125372	0.17803724	3.1294077	21	11 6.4	19.7
94273 2001 DR_{29}	14.5	X	31.80526	37.59940	2.44915	9.84578	0.0574237	0.18309030	3.0715611	21	—	—
94274 2001 DC_{30}	14.6	X	229.47589	137.05757	7.95151	7.71558	0.1537584	0.17603169	3.1531320	21	10 9.4	19.5
94275 2001 DN_{34}	13.5	X	122.46142	270.26506	338.19130	8.08730	0.1508752	0.12574412	3.9458834	21	10 26.3	19.7
94276 2001 DQ_{34}	14.3	X	180.25282	25.26842	140.82190	10.13314	0.0286563	0.17419159	3.1752988	21	9 25.4	18.9
94277 2001 DR_{35}	15.2	X	205.40089	358.70808	181.38859	1.78562	0.1079425	0.17792611	3.1307106	21	11 1.4	20.1
94278 2001 DT_{36}	14.3	X	130.75186	113.02889	325.29108	9.27848	0.0511151	0.15467473	3.4370813	21	4 6.7	19.4
94279 2001 DD_{40}	14.6	X	348.79535	257.83566	162.18853	10.72339	0.0809120	0.18340996	3.0679911	21	12 14.8	18.7
94280 2001 DG_{42}	15.0	X	283.01293	291.64701	142.91822	10.44080	0.2247856	0.17504114	3.1650164	21	9 7.0	19.2
94281 2001 DN_{44}	14.3	X	335.28536	45.48772	341.99193	8.37650	0.0814249	0.17408537	3.1765903	21	10 9.1	18.4
94282 2001 DO_{46}	14.4	X	342.29903	232.70676	144.64621	15.73363	0.2588879	0.17505876	3.1648040	21	10 15.2	17.6
94283 2001 DJ_{48}	14.4	X	78.17144	301.57004	97.50396	10.72413	0.0612006	0.19212300	2.9745171	21	—	—
94284 2001 DW_{51}	13.9	X	100.60191	254.24904	61.45377	10.71194	0.0886593	0.18063923	3.0992837	21	12 26.4	18.6
94285 2001 DY_{51}	14.7	X	179.38821	130.46892	63.05995	10.29261	0.0371491	0.17524300	3.1625855	21	10 27.5	19.3
94286 2001 DK_{58}	14.3	X	104.84776	346.99027	287.25619	9.10490	0.0768452	0.17356523	3.1829335	21	11 8.1	19.2
94287 2001 DU_{60}	14.5	X	135.94072	9.61990	206.41623	2.85069	0.0919867	0.17253277	3.1956190	21	10 5.5	19.3
94288 2001 DY_{62}	15.5	X	199.10221	257.95722	148.05286	15.19972	0.3087071	0.21164507	2.7886710	21	5 15.2	20.9
94289 2001 DD_{68}	14.5	X	292.79762	160.69968	338.60163	11.77392	0.1606226	0.18352153	3.0667476	21	12 23.3	18.3
94290 2001 DQ_{79}	15.0	X	330.75439	157.85473	252.78779	11.84042	0.2767462	0.22900227	2.6459168	21	11 14.4	16.7
94291 Django	15.0	X	331.45458	74.67954	346.40021	13.20418	0.1881149	0.17871606	3.1214784	21	11 11.4	18.7
94292 2001 DN_{95}	14.5	X	306.91683	283.16107	192.90120	20.83477	0.1771893	0.18255504	3.0775622	21	12 14.6	18.4
94293 2001 DT_{95}	14.1	X	263.96122	284.12666	118.01662	6.99349	0.0205902	0.16804105	3.2523140	21	7 31.8	18.7
94294 2001 DY_{96}	15.0	X	22.45919	64.16545	350.62536	9.91925	0.1078845	0.18575821	3.0420805	21	—	—
94295 2001 DD_{97}	14.9	X	12.46429	36.90091	357.14806	9.33524	0.0995865	0.18105299	3.0945600	21	12 16.3	19.0
94296 2001 DK_{101}	14.7	X	276.73677	46.82797	29.08803	9.80738	0.0559140	0.17395015	3.1782363	21	9 26.6	19.1
94297 2001 DZ_{102}	14.9	X	74.16826	199.32113	148.76733	1.84661	0.1748134	0.18199506	3.0838718	21	—	—
94298 2001 DW_{105}	14.6	X	287.57922	262.85964	245.22808	7.78189	0.0841092	0.18573266	3.0423595	21	—	—
94299 2001 DB_{108}	13.4	X	134.13109	196.81313	30.38038	11.93283	0.1861931	0.12452352	3.9716270	21	10 18.1	19.7
94300 2001 ED_1	14.3	X	292.32829	25.52935	99.59890	9.12955	0.1414769	0.18296234	3.0729931	21	12 6.9	18.1
94301 2001 EF_8	13.9	X	319.21180	255.71418	16.02602	8.02829	0.0146616	0.15347329	3.4549957	21	4 28.3	18.7
94302 2001 EY_{15}	13.6	X	314.18501	32.04891	45.83116	21.68031	0.1042999	0.17404103	3.1771298	21	11 11.1	17.7
94303 2001 EH_{17}	13.8	X	231.43264	3.09267	125.15464	25.32857	0.1445937	0.17068009	3.2187022	21	9 30.4	19.1
94304 2001 ER_{24}	14.5	X	192.93458	323.90009	159.87583	8.71958	0.1229051	0.16829250	3.2490736	21	8 10.8	19.7
94305 2001 FX_2	14.6	X	220.23505	141.57723	346.03624	17.75823	0.2082152	0.17141620	3.2094810	21	9 6.1	19.7
94306 2001 FS_{11}	13.9	X	359.06365	347.70171	20.29833	19.55813	0.0521464	0.16998906	3.2274194	21	10 19.2	18.2
94307 2001 FJ_{13}	14.6	X	230.85148	91.42686	31.79238	4.16163	0.1306944	0.17072923	3.2180846	21	9 18.7	19.5
94308 2001 FD_{15}	14.1	X	140.43037	286.72951	165.12914	1.96136	0.0594268	0.15339062	3.4562370	21	5 9.7	19.1
94309 2001 FX_{33}	13.9	X	6.31855	81.28997	317.82008	13.83046	0.1005757	0.17995299	3.1071581	21	12 14.3	18.1
94310 2001 FJ_{34}	15.0	X	224.68380	112.02305	346.37157	12.98549	0.1698306	0.21666288	2.7454468	21	8 13.4	19.4
94311 2001 FG_{35}	14.5	X	260.27851	302.56443	186.94901	13.27366	0.1204651	0.17776634	3.1325862	21	11 1.3	19.0
94312 2001 FP_{37}	13.7	X	52.47293	54.85425	2.95746	13.99103	0.1403912	0.18709978	3.0275212	21	—	—
94313 2001 FE_{41}	13.5	X	283.72464	82.52598	359.12121	25.35758	0.2441174	0.17384104	3.1795660	21	9 15.6	17.7
94314 2001 FV_{49}	14.3	X	269.25158	287.89225	208.14188	15.58615	0.1929386	0.17738343	3.1370927	21	11 9.1	18.6
94315 2001 FA_{59}	13.7	X	292.80812	57.36312	354.16523	13.96926	0.0870238	0.17235981	3.1977564	21	9 11.1	18.0
94316 2001 FY_{63}	14.5	X	341.42846	72.43179	16.71562	10.82868	0.0914061	0.18123488	3.0924893	21	—	—
94317 2001 FG_{64}	14.4	X	230.37655	111.90876	21.24258	12.07304	0.0719120	0.17173555	3.2055010	21	10 6.7	19.0
94318 2001 FD_{97}	14.1	X	338.83822	340.23590	50.53514	16.89557	0.1231410	0.17054403	3.2204140	21	10 24.8	18.0
94319 2001 FX_{100}	14.3	X	357.85599	86.54267	26.67541	11.62024	0.1576905	0.18489700	3.0515194	21	—	—
94320 2001 FH_{109}	14.2	X	193.80544	131.40421	23.44522	5.38555	0.0760677	0.16898795	3.2401533	21	9 22.6	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94321 2001 FA_{111}	14.7	X	214.47825	280.67544	201.60485	5.09363	0.0695260	0.16687960	3.2673868	21	9 2.8	19.7
94322 2001 FW_{111}	14.6	X	249.92945	264.40427	214.06379	9.22699	0.0672300	0.17230317	3.1984572	21	10 9.9	19.2
94323 2001 FS_{121}	14.4	X	18.70564	24.74004	40.21944	10.67139	0.1008892	0.18410761	3.0602358	21	—	—
94324 2001 FB_{127}	14.5	X	163.67011	359.28740	143.05057	7.42709	0.0769843	0.16204186	3.3320991	21	8 4.7	19.4
94325 2001 FW_{138}	14.5	X	349.50327	203.54961	244.36445	9.72022	0.0950328	0.18110482	3.0939697	21	—	—
94326 2001 FW_{139}	14.2	X	287.57979	127.85917	337.53294	16.57869	0.1996976	0.17707200	3.1407699	21	10 17.2	18.5
94327 2001 FN_{140}	14.2	X	314.58041	10.58986	73.13723	6.26356	0.1235006	0.17713939	3.1399733	21	11 19.7	18.0
94328 2001 FQ_{152}	14.9	X	204.30588	22.49697	113.37166	6.68582	0.0836883	0.16881564	3.2423577	21	9 11.5	19.9
94329 2001 FG_{156}	14.9	X	171.98412	170.14211	9.87709	0.54320	0.1235934	0.17059193	3.2198111	21	9 28.4	20.0
94330 2001 FV_{162}	14.7	X	231.19632	316.20882	172.39532	9.49252	0.0405320	0.17458528	3.1705235	21	10 6.3	19.2
94331 2001 FR_{177}	14.5	X	231.77023	297.68332	188.97681	17.28659	0.1104480	0.16937103	3.2352657	21	9 23.8	19.2
94332 2001 KF	16.1	X	170.38510	99.48528	153.04628	24.21949	0.0604930	0.36795244	1.9287455	21	—	—
94333 2001 KZ_{52}	13.6	X	337.33162	40.41090	10.47663	22.06264	0.0560180	0.17107529	3.2137434	21	11 5.1	18.1
94334 2001 OU_{85}	15.7	X	340.54342	185.34125	227.48799	19.61798	0.0920530	0.35429877	1.9779848	21	—	—
94335 2001 OV_{91}	16.6	X	207.26121	44.82267	177.07791	21.79212	0.1239513	0.36301805	1.9461840	21	—	—
94336 2001 PE_{16}	17.2	X	24.20599	74.07553	330.10511	18.16024	0.1089082	0.36062648	1.9547789	21	—	—
94337 2001 QQ_{22}	16.5	X	89.93710	72.24190	307.66210	2.12702	0.1636077	0.31238503	2.1511758	21	—	—
94338 2001 QA_{28}	16.3	X	18.45509	245.79057	144.91393	3.56905	0.1693578	0.30296683	2.1955298	21	—	—
94339 2001 QY_{60}	16.5	X	275.25528	146.11513	348.87133	18.96460	0.0609081	0.35802640	1.9642315	21	—	—
94340 2001 QN_{73}	15.5	X	183.91153	33.25444	80.43263	23.62754	0.1838621	0.28652977	2.2787126	21	7 24.3	19.4
94341 2001 QM_{74}	16.1	X	15.10317	41.05547	356.07586	5.95240	0.1552794	0.30220851	2.1992010	21	—	—
94342 2001 QS_{75}	15.8	X	342.62517	337.57209	20.48915	9.41777	0.2397636	0.29372045	2.2413685	21	10 10.6	16.7
94343 2001 QB_{76}	15.8	X	270.12916	29.39110	359.16179	6.75902	0.1828357	0.28617969	2.2805705	21	6 28.7	18.8
94344 2001 QN_{83}	15.6	X	6.52782	357.41023	323.21430	4.55022	0.2166676	0.29482599	2.2357618	21	10 2.4	17.2
94345 2001 QB_{86}	16.0	X	174.61662	0.99268	236.08420	18.52548	0.0546857	0.35980705	1.9577457	21	—	—
94346 2001 QU_{88}	14.2	X	77.95741	225.30668	271.60186	22.00879	0.2448009	0.27153172	2.3618682	21	5 2.8	17.3
94347 2001 QW_{88}	15.4	X	114.26900	139.20633	255.28090	18.18101	0.0990507	0.36604021	1.9354569	21	—	—
94348 2001 QL_{93}	15.9	X	303.70735	20.99866	358.85389	5.54690	0.1121098	0.29002215	2.2603825	21	8 22.3	18.1
94349 2001 QC_{102}	16.1	X	67.22100	3.07218	12.81968	5.05418	0.1954847	0.30786115	2.1721982	21	—	—
94350 2001 QU_{104}	16.2	X	344.88463	19.48290	353.63667	5.63756	0.1994661	0.29609323	2.2293781	21	11 6.9	17.7
94351 2001 QA_{107}	15.2	X	342.02686	152.56915	285.67933	18.96948	0.1039164	0.35661188	1.9694223	21	—	—
94352 2001 QD_{169}	16.1	X	275.62755	324.01075	132.27076	7.48389	0.0959474	0.29684337	2.2256207	21	11 4.3	18.5
94353 2001 QY_{169}	16.2	X	288.19272	218.92219	163.33457	1.82929	0.1682244	0.28674829	2.2775547	21	7 17.4	18.5
94354 2001 QG_{171}	16.6	X	18.35544	258.40390	161.83705	23.01441	0.1096534	0.36155212	1.9514411	21	—	—
94355 2001 QS_{177}	15.3	X	69.46443	145.71747	344.64542	6.46053	0.0830041	0.26924679	2.3752119	21	3 16.7	18.0
94356 Naruto	15.5	X	249.56851	349.63087	94.49090	5.85897	0.1413099	0.29056288	2.2575773	21	8 29.3	18.3
94357 2001 QZ_{178}	15.9	X	94.56435	271.90072	35.49872	8.75452	0.1632000	0.30475097	2.1869523	21	—	—
94358 2001 QE_{219}	16.4	X	263.97068	283.59807	155.34363	2.45463	0.1370107	0.29318156	2.2441142	21	9 9.7	18.9
94359 2001 QC_{249}	16.4	X	355.51912	355.90298	35.72317	6.41845	0.1713827	0.29927757	2.2135361	21	12 28.9	18.4
94360 2001 RW_{15}	15.9	X	149.60152	111.42366	238.38392	19.63759	0.0968302	0.36786054	1.9290667	21	—	—
94361 2001 RT_{22}	16.8	X	44.84122	123.07312	288.57276	1.69757	0.0871433	0.31269305	2.1497629	21	—	—
94362 2001 RS_{46}	16.0	X	330.22351	164.37295	32.06587	22.43563	0.0299458	0.37208251	1.9144464	21	—	—
94363 2001 RK_{47}	16.7	X	161.48120	194.53680	4.34645	18.85230	0.0473867	0.35012136	1.9936870	21	10 26.5	19.2
94364 2001 RG_{68}	16.3	X	273.51378	102.18681	332.28961	7.49230	0.0216167	0.29545358	2.2325946	21	10 3.6	18.8
94365 2001 RN_{70}	16.2	X	93.70993	91.83647	219.03070	6.73157	0.1559593	0.30564579	2.1826819	21	—	—
94366 2001 RS_{70}	16.3	X	307.16011	204.03446	244.85085	6.07298	0.0603085	0.30123009	2.2039605	21	12 17.5	18.4
94367 2001 RK_{72}	16.3	X	276.63962	104.68678	317.31636	3.56835	0.1103153	0.29260150	2.2470791	21	9 7.4	18.6
94368 2001 RN_{78}	16.6	X	346.97817	256.91033	174.91972	4.10107	0.1301266	0.30236895	2.1984230	21	—	—
94369 2001 RE_{137}	16.6	X	276.42586	312.95056	107.73898	5.04067	0.1360031	0.29346933	2.2426469	21	9 4.1	18.9
94370 2001 RA_{148}	16.5	X	125.14095	330.00410	350.63724	19.73597	0.0844825	0.36402091	1.9426080	21	—	—
94371 2001 SZ_{9}	16.1	X	285.61029	72.85541	30.00517	4.16845	0.0809949	0.29680122	2.2258314	21	11 28.6	18.3
94372 2001 SH_{11}	16.9	X	201.14333	294.61120	304.42387	4.03125	0.0676975	0.31161843	2.1547024	21	—	—
94373 2001 SQ_{29}	16.2	X	190.67267	150.69258	17.70194	4.63852	0.1100762	0.29695415	2.2250671	21	10 15.2	19.1
94374 2001 SO_{33}	16.6	X	255.04517	258.38616	185.04988	6.11580	0.0538069	0.29351440	2.2424173	21	9 16.3	19.1
94375 2001 SQ_{39}	16.9	X	62.68769	318.42263	51.90672	5.15078	0.0879019	0.30743608	2.1742000	21	—	—
94376 2001 SW_{54}	15.1	X	222.50152	74.73942	38.86468	7.15885	0.1061117	0.29124258	2.2540634	21	9 11.4	18.1
94377 2001 SR_{61}	16.5	X	4.50311	168.01450	187.69724	6.44444	0.1380547	0.29760614	2.2218162	21	11 16.1	18.5
94378 2001 SU_{68}	15.7	X	132.53583	333.01337	123.74853	5.55357	0.1922073	0.27434139	2.3457145	21	5 14.6	19.2
94379 2001 SY_{68}	16.0	X	112.94243	312.57704	137.19949	5.82320	0.2255612	0.27049557	2.3678959	21	4 18.7	19.2
94380 2001 SD_{69}	16.9	X	41.59056	212.30254	163.85722	4.65799	0.1808613	0.30365477	2.1922125	21	—	—
94381 2001 ST_{69}	16.0	X	316.69620	272.47774	151.01002	6.99579	0.1144015	0.29629329	2.2283745	21	11 26.6	18.0
94382 2001 SC_{71}	16.1	X	240.37692	322.07975	95.29229	5.64480	0.1459418	0.28438369	2.2901623	21	7 7.3	19.1
94383 2001 SO_{71}	16.2	X	322.92278	308.29781	81.56848	7.93352	0.1724716	0.29277880	2.2461718	21	10 16.7	17.8
94384 2001 SR_{106}	15.1	X	49.62967	250.62107	238.22600	8.79516	0.0927508	0.26898317	2.3767635	21	2 6.5	17.7
94385 2001 SC_{107}	15.9	X	255.92094	69.17024	321.53859	5.28744	0.1729236	0.28537981	2.2848300	21	6 14.8	19.2
94386 2001 SL_{108}	15.3	X	352.37802	182.06592	305.09141	5.79620	0.0282240	0.30882947	2.1676553	21	—	—
94387 2001 SP_{108}	15.6	X	262.67537	53.93388	339.29246	4.23575	0.1315781	0.28448071	2.2896416	21	7 3.4	18.6
94388 2001 SH_{111}	15.7	X	212.03349	113.94500	323.39850	6.87102	0.1820952	0.28160457	2.3052051	21	7 2.1	19.4
94389 2001 SJ_{111}	15.3	X	81.75727	132.43678	283.95652	5.19046	0.1102635	0.26143625	2.4222865	21	—	—
94390 2001 SW_{112}	15.9	X	272.97614	174.68076	208.35287	5.74405	0.1781798	0.28617880	2.2805753	21	6 24.3	18.9
94391 2001 SE_{113}	16.6	X	239.90276	17.00745	57.89893	2.40912	0.1312118	0.28630596	2.2798999	21	8 3.1	19.7
94392 2001 SU_{133}	16.7	X	40.13561	92.84015	321.14213	3.41455	0.0499718	0.31087200	2.1581501	21	—	—
94393 2001 SR_{160}	15.8	X	238.05014	172.63344	327.91091	4.75414	0.1346366	0.29807088	2.2195061	21	10 30.0	18.6
94394 2001 SG_{168}	16.9	X	267.73560	303.82440	247.20744	3.37588	0.0401960	0.31027214	2.1609308	21	—	—
94395 2001 SR_{168}	16.9	X	108.98878	231.55616	58.75974	2.80278	0.1340999	0.30371123	2.1919408	21	12 28.8	20.1
94396 2001 SN_{213}	16.4	X	101.50790	193.94733	75.69565	5.08955	0.2460837	0.30416728	2.1897492	21	12 1.1	20.0
94397 2001 ST_{245}	16.7	X	38.29317	205.31280	177.85789	3.26347	0.0808189	0.30464105	2.1874784	21	—	—
94398 2001 SH_{254}	15.6	X	27.60071	22.89168	196.19055	5.74561	0.2119458	0.28032567	2.3122111	21	5 26.9	17.0
94399 2001 SK_{261}	16.8	X	197.60549	27.33177	253.13201	1.52958	0.1288403	0.31493812	2.1395342	21	—	—
94400 Hongdaeyong	17.2	X	144.60693	223.15859	15.06415	2.79664	0.1349832	0.30337390	2.1935653	21	11 26.7	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94401 2001 ST_{270}	15.4	X	183.63848	117.90706	349.78798	7.09921	0.0807050	0.28381416	2.2932251	21	7 17.9	18.6
94402 2001 SW_{277}	15.4	X	140.11916	277.47718	253.93162	7.90979	0.1205225	0.28668610	2.2778841	21	8 20.4	18.9
94403 2001 SM_{286}	16.4	X	278.67527	245.37733	160.08587	6.93278	0.0944729	0.28867580	2.2674051	21	8 19.4	18.9
94404 2001 SO_{287}	16.8	X	38.75994	177.02096	141.40943	6.29766	0.1949042	0.29853038	2.2172280	21	11 26.2	19.5
94405 2001 SX_{306}	17.5	X	83.19635	348.19261	355.78263	2.71916	0.1550666	0.30715774	2.1755133	21	—	—
94406 2001 SR_{347}	16.2	X	72.16809	306.14043	264.23760	6.28551	0.0874373	0.28640801	2.2793583	21	7 18.2	18.7
94407 2001 TC_{6}	16.3	X	110.59435	29.14582	136.61185	4.53257	0.0562144	0.28456859	2.2891702	21	7 3.8	19.2
94408 2001 TF_{9}	14.8	X	120.83641	253.12085	248.16276	22.55522	0.2782110	0.27467722	2.3438022	21	7 3.1	18.9
94409 2001 TU_{10}	16.6	X	289.02462	112.18442	4.71040	3.19674	0.0685599	0.30145061	2.2028856	21	12 28.5	18.8
94410 2001 TU_{12}	15.6	X	71.67254	35.35552	85.05353	2.29778	0.1355467	0.26633967	2.3924644	21	3 15.9	18.0
94411 2001 TA_{17}	17.0	X	57.74200	111.81173	273.32489	2.48123	0.1853319	0.30781730	2.1724045	21	—	—
94412 2001 TM_{18}	15.5	X	126.85285	65.44880	31.37588	2.63714	0.1701878	0.27312936	2.3526489	21	5 3.9	18.8
94413 2001 TN_{20}	15.7	X	329.03117	319.92370	340.30293	7.30856	0.1302814	0.28344540	2.2952136	21	5 26.9	18.0
94414 2001 TX_{23}	15.6	X	319.13340	199.93797	355.64998	2.25117	0.1506799	0.26664415	2.3906427	21	—	—
94415 2001 TY_{28}	16.1	X	173.52363	198.55662	343.03292	5.52396	0.0462732	0.29365871	2.2416826	21	10 14.9	18.9
94416 2001 TZ_{28}	15.5	X	221.96631	224.25118	290.42449	4.97992	0.1611240	0.24484833	2.5304900	21	10 18.3	19.3
94417 2001 TL_{31}	16.0	X	188.71838	176.75610	279.74344	6.50261	0.0727257	0.28274605	2.2989967	21	7 6.5	18.9
94418 2001 TJ_{32}	15.9	X	309.08122	299.35044	336.08684	6.81396	0.1040297	0.27594799	2.3366010	21	3 23.1	18.8
94419 2001 TE_{33}	15.8	X	114.64698	303.41796	315.18103	7.10746	0.1077825	0.29613894	2.2291487	21	11 19.4	19.1
94420 2001 TO_{33}	16.0	X	236.72041	150.77693	320.33951	5.06158	0.0724332	0.29056592	2.2575615	21	9 25.2	18.7
94421 2001 TY_{33}	16.0	X	136.27010	242.04555	313.72419	6.92860	0.0457866	0.28874661	2.2670344	21	9 15.7	18.9
94422 2001 TY_{36}	15.7	X	224.76693	51.70973	4.14098	6.41141	0.1560371	0.28142711	2.3061741	21	6 16.5	19.2
94423 2001 TR_{37}	16.0	X	232.52935	98.49652	357.85686	3.73609	0.0773185	0.28642585	2.2792637	21	8 31.4	18.9
94424 2001 TW_{39}	16.3	X	347.02179	341.62619	21.40712	7.16869	0.1801996	0.29338601	2.2430715	21	10 24.5	17.6
94425 2001 TD_{40}	15.1	X	113.95651	149.98890	294.05870	5.54230	0.0923830	0.26821234	2.3813152	21	3 17.7	18.1
94426 2001 TF_{40}	15.4	X	104.80982	69.30872	358.89856	8.03118	0.1237844	0.26520835	2.3992634	21	2 22.0	18.2
94427 2001 TG_{40}	15.3	X	5.71268	319.88289	1.99137	8.45620	0.0991907	0.28776552	2.2721842	21	9 18.8	17.4
94428 2001 TH_{40}	15.8	X	335.40496	25.71808	344.87691	5.42766	0.2195272	0.29190478	2.2506532	21	10 7.4	16.9
94429 2001 TK_{41}	16.2	X	17.77943	15.96667	17.78646	7.01741	0.2235787	0.29975630	2.2111787	21	—	—
94430 2001 TM_{41}	14.4	X	99.52022	105.68124	53.01050	12.92651	0.1182609	0.22367703	2.6877474	21	6 18.0	18.2
94431 2001 TZ_{41}	15.7	X	116.92325	129.93605	325.98330	6.22045	0.0837439	0.26889810	2.3772648	21	4 5.7	18.9
94432 2001 TC_{43}	15.6	X	335.52962	2.56755	358.85350	6.41630	0.1944231	0.28848954	2.2683810	21	9 21.9	17.0
94433 2001 TL_{44}	15.7	X	97.75497	65.13003	6.76620	4.99952	0.1639848	0.26404208	2.4063232	21	2 22.7	18.4
94434 2001 TN_{44}	15.6	X	252.06761	53.47793	354.83444	5.30304	0.0843478	0.28187681	2.3037207	21	7 18.9	18.5
94435 2001 TS_{44}	14.7	X	179.10230	115.82495	59.04461	13.62719	0.0025764	0.23549417	2.5970638	21	10 15.9	18.3
94436 2001 TP_{46}	15.6	X	197.25849	21.93576	62.50552	24.45608	0.2149796	0.27704251	2.3304428	21	6 23.0	19.7
94437 2001 TO_{53}	17.4	X	156.62860	142.70005	187.82856	3.79921	0.0711055	0.31532456	2.1377858	21	—	—
94438 2001 TV_{62}	16.6	X	274.80045	24.99875	42.02077	4.99554	0.0973071	0.29224736	2.2488940	21	9 17.9	19.0
94439 2001 TY_{62}	16.3	X	50.60112	160.20320	184.06140	3.80147	0.0077411	0.30085592	2.2057875	21	12 17.7	18.9
94440 2001 TH_{65}	16.3	X	57.92280	265.69774	60.43785	5.62623	0.1461984	0.30051915	2.2074351	21	12 21.7	19.3
94441 2001 TL_{68}	16.3	X	145.41632	176.29644	45.87204	7.30621	0.0421889	0.29586959	2.2305014	21	11 6.9	19.0
94442 2001 TL_{72}	17.0	X	51.09444	176.12352	189.65570	5.91160	0.1589689	0.30420479	2.1895693	21	—	—
94443 2001 TD_{76}	16.2	X	4.64152	247.31782	83.37044	4.85070	0.2063415	0.29418339	2.2390165	21	10 18.8	17.8
94444 2001 TK_{76}	15.7	X	232.93750	67.95517	52.78758	4.98650	0.0914181	0.29222981	2.2489840	21	10 5.5	18.4
94445 2001 TM_{79}	16.4	X	262.45115	347.30625	77.04351	4.74344	0.1345924	0.28927190	2.2642891	21	8 18.9	19.1
94446 2001 TE_{90}	16.1	X	181.05166	135.44846	348.64087	9.20044	0.1290587	0.28686419	2.2769413	21	8 6.8	19.5
94447 2001 TQ_{94}	16.1	X	288.67218	186.59334	264.97962	4.18026	0.1237075	0.29747871	2.2224507	21	11 12.1	17.9
94448 2001 TV_{96}	16.0	X	269.22123	204.63989	262.32270	2.43658	0.1047562	0.29645637	2.2275572	21	11 3.8	18.1
94449 2001 TJ_{101}	16.3	X	350.09112	167.12020	179.91538	4.30011	0.1896399	0.29232329	2.2485045	21	10 6.5	17.5
94450 2001 TG_{103}	17.1	X	181.85115	89.69777	224.42116	5.45845	0.1588075	0.31616069	2.1340150	21	—	—
94451 2001 TD_{105}	16.6	X	278.22720	171.65977	208.13788	5.77518	0.1111488	0.28664241	2.2781156	21	7 7.5	19.3
94452 2001 TV_{105}	15.8	X	104.18728	98.55088	350.68979	1.91976	0.1956342	0.26810184	2.3819695	21	3 30.6	18.6
94453 2001 TD_{106}	16.2	X	36.68823	354.96059	57.01943	4.40938	0.1588337	0.30493678	2.1860638	21	—	—
94454 2001 TG_{106}	16.1	X	31.47005	45.30355	9.39148	2.44548	0.1642237	0.30429131	2.1891542	21	—	—
94455 2001 TD_{107}	15.3	X	329.45067	106.90389	291.37502	2.81654	0.1274636	0.29244643	2.2478733	21	11 8.4	17.2
94456 2001 TY_{107}	15.6	X	57.09680	102.14252	351.31442	2.13958	0.1610624	0.25997345	2.4313644	21	1 9.9	17.6
94457 2001 TC_{111}	16.2	X	150.92103	225.10628	241.94361	4.72214	0.0791517	0.28019343	2.3129385	21	6 5.7	19.1
94458 2001 TQ_{111}	16.2	X	307.49628	152.07979	245.08747	5.45396	0.1335109	0.29302196	2.2449290	21	9 18.9	18.3
94459 2001 TU_{113}	16.0	X	203.52572	136.76821	306.51717	3.31080	0.1275538	0.28306249	2.2972830	21	7 3.6	19.4
94460 2001 TC_{114}	16.5	X	286.06265	102.96966	299.25600	3.89036	0.1491875	0.28990671	2.2609825	21	8 16.7	18.7
94461 2001 TN_{116}	15.8	X	61.43417	70.74881	21.85140	5.47424	0.1658553	0.26238370	2.4164519	21	1 18.5	17.9
94462 2001 TR_{126}	16.4	X	12.98202	208.32158	22.33307	5.13103	0.1787488	0.28036574	2.3119907	21	5 4.2	18.1
94463 2001 TH_{127}	16.3	X	225.18433	91.31118	340.51262	3.53378	0.1323647	0.28390574	2.2927318	21	7 11.9	19.6
94464 2001 TM_{127}	17.3	X	73.46132	213.66140	191.00178	1.03065	0.0753452	0.31291149	2.1487623	21	—	—
94465 2001 TB_{152}	15.7	X	27.28472	23.26541	160.93252	9.39797	0.1395969	0.27416518	2.3467195	21	3 25.5	17.7
94466 2001 TH_{155}	16.1	X	329.05603	19.73306	217.48690	2.02418	0.1207679	0.27377780	2.3489326	21	2 25.4	18.6
94467 2001 TS_{164}	17.3	X	37.30226	256.89875	83.74999	0.43778	0.1246602	0.29962782	2.2118107	21	12 12.4	19.6
94468 2001 TS_{165}	15.5	X	106.97518	267.02256	300.10932	4.31947	0.1461891	0.28804198	2.2707301	21	9 5.8	18.6
94469 2001 TC_{166}	16.0	X	323.74202	300.12560	341.62371	6.27629	0.1256249	0.27986277	2.3147600	21	4 18.9	18.5
94470 2001 TB_{169}	16.2	X	2.15926	94.23611	322.05604	6.60183	0.0778660	0.30152755	2.2025108	21	—	—
94471 2001 TD_{178}	16.1	X	83.53998	300.72374	264.96041	5.80309	0.1741810	0.28656212	2.2785411	21	8 9.8	19.1
94472 2001 TD_{183}	16.2	X	179.30198	183.11788	287.27498	4.56348	0.1079755	0.28355821	2.2946048	21	7 14.4	19.6
94473 2001 TP_{188}	16.4	X	222.20483	155.75236	297.85390	1.91981	0.0949743	0.28708572	2.2757697	21	8 10.8	19.4
94474 2001 TR_{189}	15.9	X	5.02918	9.47601	265.43921	5.92310	0.0810982	0.28393434	2.2925779	21	7 1.4	18.1
94475 2001 TJ_{190}	16.4	X	2.40227	345.08602	24.94419	8.56746	0.1595905	0.29746040	2.2225418	21	12 4.2	18.5
94476 2001 TT_{190}	15.7	X	140.13811	225.68322	7.92851	5.93060	0.0894947	0.29619993	2.2288427	21	11 14.2	18.8
94477 2001 TF_{192}	15.5	X	89.90068	146.98933	318.25721	6.50966	0.0887404	0.26813845	2.3817526	21	3 12.5	18.3
94478 2001 TV_{194}	15.7	X	239.11410	90.41048	353.40033	4.32912	0.1133826	0.28385312	2.2930152	21	8 17.3	18.6
94479 2001 TV_{224}	15.9	X	66.05299	299.92624	245.88609	2.85211	0.1838883	0.27868094	2.3212996	21	6 19.1	18.2
94480 2001 UN_{4}	15.5	X	16.87596	177.77234	48.97601	6.42679	0.0472501	0.27768651	2.3268383	21	5 8.5	17.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94481 2001 UO_4	16.6	X	240.38141	6.02980	45.02991	7.58733	0.1038850	0.28436703	2.2902517	21	7 3.8	19.8
94482 2001 UV_6	15.6	X	253.09921	174.36723	62.15316	3.54971	0.0781479	0.26198208	2.4189208	21	—	—
94483 2001 UP_{10}	16.0	X	30.67886	237.52853	204.54809	5.59119	0.1027042	0.30744128	2.1741755	21	—	—
94484 2001 UR_{10}	16.2	X	94.68203	277.71092	200.47691	6.06406	0.0473232	0.27101985	2.3648412	21	4 2.1	19.0
94485 2001 UU_{11}	16.5	X	135.69735	206.01149	155.96856	2.04673	0.1536885	0.31340099	2.1465243	21	—	—
94486 2001 UV_{11}	16.1	X	6.81867	234.20558	89.65438	4.86983	0.2243417	0.29143774	2.2530571	21	10 15.1	17.7
94487 2001 UA_{14}	16.2	X	83.86475	176.98483	189.81866	4.28450	0.1276603	0.30602025	2.1809009	21	—	—
94488 2001 UW_{23}	16.3	X	229.58463	104.76677	318.58952	6.88929	0.1059167	0.28570300	2.2831066	21	7 8.1	19.3
94489 2001 UN_{33}	15.7	X	144.99697	78.18946	130.46963	6.89588	0.1252255	0.29409191	2.2394807	21	10 22.4	19.1
94490 2001 UO_{34}	15.6	X	70.19730	20.89563	151.17429	7.00289	0.0474853	0.27795609	2.3253335	21	5 15.5	18.4
94491 2001 UF_{36}	14.9	X	77.75197	266.99040	175.79667	11.28916	0.1441105	0.26450067	2.4035410	21	1 28.6	17.5
94492 2001 UV_{36}	15.7	X	111.02011	78.55117	114.74369	6.70443	0.0343734	0.28683667	2.2770869	21	8 11.9	18.5
94493 2001 UB_{42}	16.2	X	263.11929	90.24022	74.53198	2.09830	0.1160344	0.30365135	2.1922289	21	—	—
94494 2001 UG_{46}	16.9	X	62.84568	5.62952	44.27971	1.36700	0.1520860	0.31012637	2.1616079	21	—	—
94495 2001 US_{46}	15.5	X	17.74778	110.62288	108.01886	4.10539	0.1944560	0.27729254	2.3290417	21	4 29.2	17.0
94496 2001 UW_{48}	16.2	X	251.70842	308.09094	90.22693	7.23948	0.0978345	0.28475085	2.2881933	21	6 30.5	19.1
94497 2001 UB_{50}	16.2	X	174.94333	244.82944	189.04020	10.19176	0.1096348	0.27761075	2.3272616	21	5 22.4	19.7
94498 2001 UM_{50}	16.3	X	345.58521	222.16294	143.07401	7.23844	0.1260869	0.29378502	2.2410400	21	10 24.8	18.3
94499 2001 UB_{51}	16.8	X	354.32752	230.88707	147.58873	7.10587	0.2110748	0.29688167	2.2254292	21	12 13.1	18.6
94500 2001 US_{51}	15.7	X	7.08192	17.56483	212.75396	6.75937	0.0737740	0.27838478	2.3229457	21	4 26.5	17.8
94501 2001 UN_{56}	17.2	X	133.18028	36.29302	207.78339	3.57668	0.1349366	0.30101826	2.2049944	21	11 23.6	20.3
94502 2001 UV_{59}	16.3	X	73.75434	255.30262	343.83108	1.27781	0.0296410	0.28913906	2.2649826	21	8 24.1	18.6
94503 2001 UW_{64}	16.0	X	319.22880	30.41252	314.80930	3.45660	0.0957005	0.28784138	2.2717850	21	7 27.3	18.0
94504 2001 UE_{65}	16.5	X	232.40376	224.68548	243.20303	6.04632	0.1752769	0.28847512	2.2684566	21	8 30.6	19.8
94505 2001 UF_{67}	17.3	X	218.66609	318.19823	161.50923	1.20347	0.0657892	0.29189130	2.2507225	21	9 16.7	20.0
94506 2001 UX_{74}	16.4	X	69.76573	139.49944	106.42691	3.59346	0.0362146	0.28863488	2.2676195	21	8 30.7	19.0
94507 2001 UC_{75}	16.9	X	12.97058	160.32489	185.34615	5.35489	0.2087946	0.29712617	2.2242083	21	11 27.6	19.0
94508 2001 UL_{76}	16.5	X	258.16908	0.97786	151.61722	3.08319	0.0517504	0.30194108	2.2004994	21	—	—
94509 2001 UF_{81}	15.3	X	171.55707	10.94575	207.70674	6.91191	0.2415209	0.29880073	2.2158904	21	11 23.2	18.9
94510 2001 UO_{82}	15.5	X	343.25584	191.03987	52.13260	11.54358	0.1250208	0.27651799	2.3333889	21	4 3.8	18.0
94511 2001 UA_{84}	16.2	X	331.55653	278.46933	69.77591	7.35927	0.1522719	0.28928878	2.2642010	21	8 25.9	18.1
94512 2001 US_{90}	15.5	X	71.51108	127.06807	62.10041	5.03706	0.1536846	0.27953427	2.3165731	21	6 27.9	18.0
94513 2001 UC_{99}	15.7	X	103.66701	60.25753	70.36810	5.27137	0.1180613	0.27410820	2.3470447	21	5 15.1	18.6
94514 2001 UZ_{105}	15.9	X	68.70791	352.61144	181.97831	2.36587	0.1575451	0.27707996	2.3302328	21	6 2.1	18.3
94515 2001 UQ_{107}	16.3	X	29.79656	16.90679	198.39856	5.25019	0.0533507	0.27837431	2.3230040	21	5 13.8	18.8
94516 2001 UA_{109}	16.2	X	271.92795	353.89430	50.12166	3.73826	0.1550268	0.28733438	2.2744566	21	7 29.2	18.8
94517 2001 UH_{109}	15.9	X	213.80849	206.05770	226.78006	4.91576	0.1483752	0.28217001	2.3021245	21	6 28.6	19.3
94518 2001 UQ_{109}	16.3	X	283.24122	175.75935	206.69665	5.78283	0.1271087	0.28628806	2.2799950	21	7 15.9	18.9
94519 2001 UY_{110}	16.3	X	346.89723	0.62117	242.71329	3.02915	0.1244495	0.27866890	2.3213665	21	4 3.1	18.6
94520 2001 UF_{112}	16.3	X	132.74730	308.87805	222.49486	6.04209	0.0532100	0.28570578	2.2830917	21	8 8.2	19.3
94521 2001 UA_{113}	16.1	X	149.54931	202.24381	342.57298	3.18706	0.0577464	0.28916239	2.2648608	21	9 20.2	19.1
94522 2001 UH_{113}	17.0	X	203.22697	300.09396	178.11287	2.79251	0.0448761	0.28834102	2.2691599	21	8 26.4	19.7
94523 2001 UM_{121}	16.0	X	32.39194	37.99669	209.07668	6.44886	0.0785124	0.28358739	2.2944474	21	7 6.6	18.4
94524 2001 UR_{121}	15.9	X	164.84163	126.90136	73.52298	6.23691	0.1117524	0.29350699	2.2424551	21	10 31.1	19.1
94525 2001 UV_{122}	15.4	X	72.25507	100.14624	63.83418	7.53018	0.0532743	0.27509209	2.3414451	21	5 6.6	17.9
94526 2001 UL_{130}	16.5	X	116.15345	105.76157	143.78733	2.80813	0.1346729	0.29821713	2.2187804	21	11 13.8	19.6
94527 2001 UA_{136}	16.0	X	17.52846	42.15047	142.95783	3.23609	0.1179361	0.27135812	2.3628755	21	3 7.2	18.0
94528 2001 UO_{142}	16.5	X	116.30289	196.85351	46.41060	6.16270	0.0888804	0.29574441	2.2311308	21	11 2.3	19.3
94529 2001 UK_{145}	16.6	X	90.56009	117.93856	140.49872	2.72614	0.0254358	0.29303252	2.2448750	21	10 16.0	19.2
94530 2001 US_{146}	15.8	X	276.73394	54.08280	168.92172	2.44150	0.1593115	0.26283378	2.4136924	21	—	—
94531 2001 UZ_{152}	16.4	X	212.34262	346.41588	82.17658	0.26907	0.1866857	0.28161853	2.3051290	21	6 19.7	19.9
94532 2001 UZ_{154}	17.0	X	41.02995	290.74041	68.74559	7.61738	0.1894636	0.30082560	2.2059357	21	—	—
94533 2001 UD_{155}	15.3	X	239.28486	239.50580	65.80408	7.55146	0.1347836	0.26967851	2.3726763	21	2 12.7	19.0
94534 2001 UB_{156}	16.6	X	163.47411	288.09391	210.94988	4.08763	0.0692350	0.28450059	2.2895349	21	8 3.2	19.8
94535 2001 UA_{157}	17.3	X	342.99350	195.43171	145.49590	2.00495	0.1433853	0.29067579	2.2569926	21	9 5.3	18.7
94536 2001 UV_{157}	16.0	X	278.99829	59.85975	205.12100	5.74295	0.0883390	0.26951032	2.3736633	21	2 2.1	19.4
94537 2001 UV_{158}	16.3	X	118.85674	333.35790	203.86270	6.32101	0.0983265	0.28272218	2.2991261	21	8 3.6	19.6
94538 2001 UQ_{160}	16.6	X	144.65215	56.22300	51.39036	2.31546	0.0373453	0.27752314	2.3277513	21	5 25.1	19.6
94539 2001 US_{164}	16.2	X	147.51777	349.73183	157.65185	5.50451	0.0864519	0.28419702	2.2911650	21	7 27.9	19.3
94540 2001 UF_{171}	16.2	X	197.71623	268.82026	246.75421	4.90486	0.0610878	0.29189062	2.2507260	21	10 8.2	19.1
94541 2001 UF_{172}	16.6	X	105.58820	327.39391	208.20205	5.29887	0.0309276	0.28441755	2.2899805	21	7 6.5	19.4
94542 2001 UK_{172}	16.1	X	323.65660	147.28168	72.65405	3.32686	0.1549444	0.27124414	2.3635374	21	1 21.9	19.0
94543 2001 UX_{174}	16.8	X	22.63157	106.44081	215.80722	0.75231	0.1026813	0.29409337	2.2394733	21	10 20.0	19.1
94544 2001 UB_{179}	16.3	X	123.40874	43.34583	156.65902	5.98425	0.0385926	0.29010235	2.2599659	21	9 7.9	19.0
94545 2001 UU_{188}	16.1	X	359.82886	311.70539	310.66816	3.64734	0.1466082	0.28248856	2.3003936	21	5 28.9	17.9
94546 2001 UY_{202}	16.9	X	129.85668	254.91073	2.18393	3.48617	0.0798682	0.30070500	2.2065255	21	12 5.5	19.8
94547 2001 UD_{205}	16.0	X	109.56495	205.29761	6.49033	3.43305	0.1184853	0.28909958	2.2651888	21	9 14.8	18.9
94548 2001 VP_4	16.5	X	268.59913	158.46694	353.94308	3.78812	0.2393273	0.29955618	2.2121633	21	12 21.2	18.3
94549 2001 VV_5	16.4	X	83.36474	245.21631	80.96346	5.37958	0.1756395	0.30397800	2.1906582	21	—	—
94550 2001 VM_{13}	15.4	X	5.20291	9.66139	260.42781	12.51965	0.1702823	0.28360415	2.2943570	21	6 24.5	17.1
94551 2001 VQ_{13}	17.0	X	14.71762	342.51053	16.79720	7.23709	0.1238326	0.29702738	2.2247014	21	12 3.4	19.3
94552 2001 VR_{13}	15.1	X	272.69360	212.88027	23.82777	11.12204	0.1885530	0.26378392	2.4078929	21	—	—
94553 2001 VA_{14}	15.8	X	167.68201	223.47026	273.97075	7.26662	0.0536288	0.28462125	2.2888878	21	8 5.2	18.8
94554 2001 VN_{14}	15.4	X	254.14845	133.18956	295.36998	5.79031	0.0757895	0.28739937	2.2741137	21	8 18.8	18.1
94555 2001 VR_{14}	15.6	X	134.63183	249.16791	351.65189	5.45870	0.1420653	0.29504501	2.2346553	21	11 17.9	19.0
94556 Janstarý	15.7	X	9.92096	341.45228	283.03304	1.94493	0.1881768	0.28155470	2.3054774	21	6 28.1	17.0
94557 2001 VQ_{18}	16.3	X	302.10493	176.88871	230.59367	6.81968	0.0642618	0.29278678	2.2461310	21	10 3.7	18.6
94558 2001 VP_{21}	15.1	X	166.78542	204.76834	53.31853	7.24198	0.1087131	0.25313421	2.4749636	21	—	—
94559 2001 VV_{22}	15.7	X	302.99334	41.01439	233.60512	5.47297	0.0952441	0.27444241	2.3451389	21	3 14.7	18.8
94560 2001 VN_{23}	15.2	X	73.89134	84.15150	44.74475	7.07963	0.0609744	0.27039309	2.3684942	21	3 23.1	17.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94561 2001 VT_{24}	16.5	X	243.12170	234.53071	264.95031	3.82405	0.1410001	0.29413448	2.2392647	21	11 4.0	19.0
94562 2001 VJ_{28}	15.6	X	154.04241	43.10100	55.13953	3.16053	0.1794850	0.27613156	2.3355653	21	6 4.0	19.3
94563 2001 VY_{29}	15.9	X	181.61484	29.12016	41.30029	2.85791	0.1410601	0.27725204	2.3292685	21	5 23.7	19.5
94564 2001 VT_{30}	16.7	X	0.38900	359.67348	44.31154	5.98445	0.1444860	0.29921801	2.2138298	21	—	—
94565 2001 VH_{32}	15.9	X	93.57003	99.70499	30.75146	3.13962	0.1170465	0.27141897	2.3625223	21	4 29.6	18.6
94566 2001 VP_{34}	15.6	X	71.49505	356.33886	89.19697	4.48101	0.0675803	0.26329095	2.4108976	21	1 16.8	18.1
94567 2001 VD_{35}	15.9	X	91.84044	168.57310	285.07972	1.98741	0.0572701	0.26695600	2.3887806	21	2 24.4	18.8
94568 2001 VM_{39}	16.5	X	17.54360	332.40117	96.85289	4.05993	0.0889227	0.30459783	2.1876853	21	—	—
94569 2001 VF_{42}	15.8	X	87.12846	190.58123	245.99524	5.99539	0.0944650	0.26397747	2.4067158	21	1 29.1	18.5
94570 2001 VG_{42}	15.8	X	151.05894	18.33912	68.77202	6.00837	0.2101775	0.27400771	2.3476185	21	5 20.2	19.4
94571 2001 VP_{42}	15.6	X	131.23416	234.26260	268.78764	4.21035	0.1565301	0.27703364	2.3304925	21	7 9.1	18.9
94572 2001 VQ_{42}	16.6	X	126.74166	20.84502	310.48913	2.08412	0.1942081	0.30816147	2.1707867	21	—	—
94573 2001 VW_{42}	16.2	X	40.32252	14.53790	301.38738	1.47057	0.0241732	0.29105070	2.2550540	21	10 24.2	18.6
94574 2001 VM_{43}	15.6	X	158.88078	185.08832	236.40796	6.46851	0.0944166	0.27214131	2.3583399	21	4 13.6	19.0
94575 2001 VV_{44}	15.7	X	241.23042	322.26368	66.42738	4.76776	0.1512730	0.28007355	2.3135984	21	5 29.1	18.9
94576 2001 VZ_{44}	15.8	X	321.62082	160.89505	218.29319	6.55122	0.1571669	0.29016534	2.2596388	21	9 17.2	17.6
94577 2001 VU_{45}	15.4	X	242.73667	325.46746	81.22839	12.20753	0.1928795	0.28232013	2.3013084	21	6 19.9	18.7
94578 2001 VB_{46}	15.5	X	106.41209	6.93140	67.10464	10.97502	0.1109170	0.26534361	2.3984479	21	3 6.5	18.6
94579 2001 VE_{46}	16.0	X	184.50255	207.04408	229.53079	4.07989	0.2044906	0.27676413	2.3320052	21	6 4.8	19.9
94580 2001 VN_{46}	16.0	X	9.58564	29.51982	34.86266	2.31956	0.1198356	0.30055457	2.2072617	21	—	—
94581 2001 VQ_{46}	15.6	X	126.36799	346.97751	103.74935	3.21251	0.1758999	0.26946046	2.3739561	21	4 27.8	18.8
94582 2001 VW_{46}	16.1	X	202.99064	115.96719	305.79660	2.56352	0.2122372	0.27765405	2.3270196	21	6 1.1	19.9
94583 2001 VG_{47}	16.2	X	66.07402	101.88512	283.25339	3.40822	0.2272298	0.30489336	2.1862714	21	—	—
94584 2001 VL_{47}	15.7	X	318.53800	304.79180	54.70955	7.34422	0.0638394	0.28629482	2.2799591	21	8 25.3	18.2
94585 2001 VW_{47}	16.1	X	309.24597	28.57550	49.21350	5.64210	0.0568054	0.29495630	2.2351033	21	12 2.5	18.2
94586 2001 VM_{48}	16.7	X	50.78889	288.11507	102.51626	4.11760	0.1657412	0.30434334	2.1889047	21	—	—
94587 2001 VH_{53}	16.3	X	173.51761	286.30446	328.78754	6.64623	0.0243678	0.30484224	2.1865158	21	—	—
94588 2001 VX_{57}	16.1	X	268.15505	156.71913	260.08299	4.25689	0.0959286	0.28926004	2.2643510	21	8 18.4	18.7
94589 2001 VZ_{57}	16.1	X	120.07835	211.46488	23.72822	5.51399	0.0909291	0.29430303	2.2384096	21	10 25.9	19.0
94590 2001 VP_{58}	16.3	X	243.67768	100.32115	4.88518	6.92712	0.0278872	0.29233895	2.2484243	21	10 5.6	18.8
94591 2001 VS_{59}	16.0	X	193.96770	171.56287	312.20812	5.26694	0.0642082	0.28718590	2.2752405	21	8 20.4	19.0
94592 2001 VV_{60}	16.8	X	286.98594	36.12717	290.87112	4.58693	0.0321953	0.27974984	2.3153829	21	5 16.6	19.5
94593 2001 VX_{61}	15.9	X	56.57031	46.30677	349.28356	3.33268	0.0994757	0.30706488	2.1759519	21	—	—
94594 2001 VU_{63}	15.7	X	110.18255	135.31068	36.74417	6.99595	0.0626184	0.28177296	2.3042866	21	7 15.0	18.7
94595 2001 VT_{65}	15.0	X	252.74936	232.97865	31.00568	7.55679	0.0987122	0.26496966	2.4007040	21	1 5.8	18.7
94596 2001 VW_{71}	17.0	X	33.41760	336.97527	56.44934	5.05468	0.0568669	0.30191592	2.2006216	21	—	—
94597 2001 VT_{72}	15.7	X	201.44734	213.67571	5.39994	1.98943	0.1315545	0.25513255	2.4620232	21	12 23.5	19.1
94598 2001 VU_{72}	16.5	X	15.96237	311.98648	257.51179	1.27391	0.1577445	0.27748901	2.3279422	21	4 6.7	18.1
94599 2001 VY_{79}	15.7	X	42.64649	95.39686	132.55288	7.40857	0.0673827	0.28034645	2.3120968	21	6 24.7	18.3
94600 2001 VE_{80}	15.8	X	324.40629	238.76030	185.14215	1.75384	0.1189554	0.29416941	2.2390874	21	12 10.2	17.7
94601 2001 VY_{81}	16.0	X	10.92104	57.29519	262.68906	6.48761	0.1411712	0.29097902	2.2554244	21	9 26.6	18.1
94602 2001 VX_{82}	16.3	X	172.37091	127.33042	350.95867	2.57074	0.0695871	0.28545830	2.2844111	21	7 17.9	19.2
94603 2001 VD_{84}	16.9	X	357.85405	168.92277	198.19436	5.36087	0.1323849	0.29484070	2.2356875	21	11 19.3	18.9
94604 2001 VN_{100}	16.5	X	345.40261	232.35244	124.48443	6.77924	0.1148768	0.29203031	2.2500082	21	10 10.2	18.5
94605 2001 VA_{101}	16.5	X	62.07350	336.23087	271.81154	4.86557	0.1216521	0.28789481	2.2715039	21	9 1.5	19.3
94606 2001 VT_{104}	16.9	X	27.83974	341.55533	42.06488	6.93896	0.0885629	0.30124167	2.2039041	21	—	—
94607 2001 VC_{109}	15.8	X	322.48895	199.48816	48.14915	7.94766	0.1580097	0.27236846	2.3570285	21	3 1.9	18.7
94608 2001 VR_{109}	16.2	X	143.12171	288.00531	237.75676	4.47681	0.1063264	0.28486742	2.2875689	21	8 17.1	19.5
94609 2001 VE_{110}	16.1	X	84.99407	287.45595	245.60304	4.35915	0.1021354	0.27705631	2.3303654	21	6 15.6	18.6
94610 2001 VQ_{110}	16.6	X	311.93014	243.25753	35.16335	4.90070	0.0449898	0.27518998	2.3408898	21	4 13.0	19.4
94611 2001 VK_{112}	15.4	X	32.89326	12.16437	275.93044	5.87820	0.1317168	0.28860945	2.2677527	21	9 15.7	17.8
94612 2001 VU_{112}	16.4	X	334.87821	80.18230	260.72602	4.87439	0.0905572	0.28765817	2.2727495	21	8 16.9	18.6
94613 2001 VQ_{114}	16.9	X	85.11875	308.43228	37.13747	2.97238	0.1053088	0.30381793	2.1914275	21	—	—
94614 2001 VM_{116}	16.1	X	86.12782	263.91957	292.49777	2.33392	0.1141224	0.27936431	2.3175126	21	7 23.5	19.0
94615 2001 VX_{116}	16.1	X	73.93013	359.45932	285.75945	4.75655	0.1463972	0.29318136	2.2441152	21	11 13.6	19.1
94616 2001 VM_{117}	15.7	X	15.72859	339.86115	261.32914	11.93538	0.1348356	0.27659128	2.3329767	21	5 30.3	17.6
94617 2001 VB_{118}	16.5	X	17.63829	275.42228	65.57411	6.23847	0.1713784	0.29360940	2.2419336	21	11 20.4	18.7
94618 2001 VK_{118}	17.0	X	312.31240	132.10055	283.69220	2.55121	0.1341180	0.29284480	2.2458343	21	10 31.4	18.9
94619 2001 VQ_{119}	16.1	X	231.28903	311.11009	20.51176	3.63081	0.1911745	0.27310642	2.3527807	21	3 5.9	20.0
94620 2001 VK_{122}	14.8	X	221.86271	59.79758	96.92273	14.63189	0.1100350	0.23838912	2.5759955	21	11 3.8	18.7
94621 2001 VM_{124}	15.8	X	230.45700	295.96174	229.55200	2.43872	0.0939463	0.24528251	2.5275029	21	11 22.3	18.9
94622 2001 WL_{1}	15.6	X	20.04299	195.23259	313.27232	2.21459	0.1421528	0.26322127	2.4113230	21	1 16.1	17.6
94623 2001 WD_{2}	15.1	X	229.09354	250.56572	244.56342	23.08677	0.2738858	0.28451192	2.2894741	21	9 14.5	19.2
94624 2001 WJ_{3}	16.2	X	307.90351	340.19521	206.79288	1.47629	0.1628766	0.26205305	2.4184841	21	—	—
94625 2001 WE_{5}	16.5	X	118.29346	73.76373	234.69996	5.97146	0.1895530	0.30446528	2.1883202	21	—	—
94626 2001 WN_{7}	16.0	X	170.34907	93.48725	94.51786	5.13467	0.0774910	0.29247949	2.2477039	21	10 22.7	19.1
94627 2001 WJ_{9}	16.0	X	138.33967	46.21280	92.73044	6.16958	0.1303874	0.27919365	2.3184569	21	7 9.5	19.2
94628 2001 WV_{10}	16.6	X	42.60022	78.56087	211.05584	6.66977	0.1151380	0.29120278	2.2542688	21	10 4.1	18.9
94629 2001 WG_{11}	16.6	X	275.90794	299.10247	129.94035	3.19774	0.1219802	0.29085847	2.2560475	21	9 17.2	18.9
94630 2001 WJ_{12}	16.4	X	308.75163	241.75245	79.59515	7.74490	0.1361952	0.28266088	2.2994585	21	5 25.7	19.0
94631 2001 WK_{12}	15.9	X	337.45481	86.77174	181.77227	5.03260	0.1689556	0.27835329	2.3231209	21	4 20.3	18.0
94632 2001 WC_{13}	16.5	X	306.25035	298.40048	199.55661	5.01717	0.0401483	0.30346585	2.1931222	21	—	—
94633 2001 WX_{13}	16.1	X	313.59348	235.23501	198.36583	6.99431	0.0986814	0.29507347	2.2345116	21	12 4.7	18.1
94634 2001 WQ_{14}	15.9	X	137.44486	94.50445	98.54251	6.67244	0.0655602	0.28681140	2.2772206	21	9 21.1	19.0
94635 2001 WX_{17}	15.9	X	38.90586	210.28570	348.69091	2.31458	0.1765008	0.27692920	2.3310784	21	5 14.3	17.8
94636 2001 WD_{18}	16.1	X	356.10961	326.03162	234.23289	3.49444	0.1161520	0.27168306	2.3609911	21	2 16.3	18.5
94637 2001 WY_{23}	15.9	X	335.79824	338.66467	241.60710	1.96397	0.1295491	0.26971600	2.3724564	21	2 11.3	18.6
94638 2001 WQ_{27}	16.6	X	55.03019	253.02411	116.56823	4.15882	0.1214697	0.30355348	2.1927001	21	—	—
94639 2001 WH_{28}	15.9	X	230.26339	308.29590	169.46323	5.41680	0.0756269	0.29008365	2.2600630	21	9 28.4	18.6
94640 2001 WL_{28}	17.0	X	277.71644	328.14263	90.24640	4.42361	0.1238649	0.28940059	2.2636179	21	9 4.6	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94641 2001 WA_{35}	16.2	X	152.72980	344.00077	88.90708	5.21480	0.0502488	0.27403136	2.3474834	21	4 21.2	19.2
94642 2001 WE_{39}	16.2	X	183.78132	296.81186	141.64550	5.26683	0.1535310	0.27775799	2.3264391	21	6 6.9	19.8
94643 2001 WJ_{39}	16.2	X	233.66783	202.81625	191.94041	4.21804	0.0963916	0.27948168	2.3168637	21	6 3.5	19.4
94644 2001 WK_{39}	16.0	X	338.52236	310.40920	179.65878	4.64227	0.1300148	0.30481086	2.1866659	21	—	—
94645 2001 WW_{40}	15.2	X	351.46216	266.27313	231.74979	11.48890	0.1565770	0.25535222	2.4606110	21	—	—
94646 2001 WH_{41}	15.7	X	249.39068	156.91485	224.78183	6.35809	0.1730705	0.27848812	2.3223710	21	5 26.8	18.9
94647 2001 WL_{44}	15.8	X	123.58587	336.36523	156.70335	5.58838	0.1457212	0.27571441	2.3379205	21	6 16.4	19.1
94648 2001 WA_{47}	16.8	X	29.26174	108.89149	207.04328	1.41114	0.2184476	0.29400108	2.2399420	21	11 10.6	19.2
94649 2001 WJ_{47}	15.5	X	296.85834	138.75917	273.32343	5.41231	0.1796282	0.28794238	2.2712538	21	9 13.2	17.5
94650 2001 WK_{47}	15.0	X	170.19805	152.37278	259.12646	6.01910	0.1040506	0.26969917	2.3725551	21	4 13.3	18.5
94651 2001 WL_{63}	16.6	X	63.86022	18.66350	242.97417	3.02321	0.0909761	0.28850599	2.2682948	21	9 20.0	19.3
94652 2001 WN_{63}	16.5	X	62.89669	224.11469	46.53887	4.01312	0.1582055	0.29053152	2.2577398	21	10 15.1	19.1
94653 2001 WF_{67}	16.4	X	1.54369	37.97826	130.87250	1.79464	0.1263627	0.26653122	2.3913179	21	1 13.2	18.9
94654 2001 WZ_{73}	16.3	X	319.34173	88.69206	134.57776	1.97639	0.1402063	0.26993764	2.3711576	21	1 22.4	19.3
94655 2001 WE_{75}	16.2	X	262.66627	43.29255	222.42628	3.33725	0.1825043	0.26880874	2.3777916	21	1 10.9	20.0
94656 2001 WJ_{76}	16.3	X	256.83372	36.39917	178.02810	1.87830	0.1391065	0.25796210	2.4439864	21	—	—
94657 2001 WZ_{89}	15.8	X	79.43369	329.85836	264.55899	9.24374	0.1235097	0.28820133	2.2698931	21	9 3.7	18.8
94658 2001 WL_{90}	15.8	X	75.42948	124.84963	19.99970	7.04575	0.0580509	0.27263090	2.3555157	21	4 13.0	18.5
94659 2001 WU_{90}	15.9	X	66.10138	356.62868	279.24170	7.58234	0.1356199	0.29246402	2.2477832	21	10 18.6	18.9
94660 2001 WY_{91}	16.7	X	65.35418	346.49457	18.56531	1.47488	0.1645191	0.30248365	2.1978672	21	—	—
94661 2001 WQ_{98}	16.3	X	235.27157	275.87835	316.59338	1.71965	0.1428582	0.25814972	2.4428021	21	—	—
94662 2001 WF_{100}	16.1	X	306.98125	325.49026	36.67291	6.37392	0.2086020	0.28507627	2.2864515	21	7 13.2	18.4
94663 2001 WK_{101}	16.5	X	216.53143	115.30576	189.41315	6.38012	0.1227200	0.26702222	2.3883856	21	1 17.1	20.1
94664 2001 XC_{3}	16.4	X	87.37996	301.86781	35.72523	4.98960	0.2263778	0.30386102	2.1912204	21	—	—
94665 2001 XA_{7}	16.4	X	106.11403	213.70995	104.89028	2.44258	0.2081574	0.30379362	2.1915445	21	—	—
94666 2001 XS_{9}	16.1	X	330.39900	290.70292	40.33301	7.16724	0.1543797	0.28532430	2.2851263	21	7 21.3	18.1
94667 2001 XG_{13}	15.7	X	125.54131	131.11840	15.17277	7.94363	0.0528342	0.27616335	2.3353861	21	6 26.1	18.8
94668 2001 XM_{14}	15.5	X	138.33264	197.50827	30.01254	9.33237	0.1086283	0.23807937	2.5782293	21	10 29.3	19.4
94669 2001 XE_{16}	15.7	X	56.05158	292.27755	169.12562	1.35124	0.1388351	0.26076786	2.4264239	21	1 17.5	17.7
94670 2001 XZ_{16}	15.4	X	21.05651	289.00521	357.33975	5.58406	0.1660925	0.28437445	2.2902119	21	8 31.9	17.3
94671 2001 XW_{17}	16.4	X	150.11473	196.72389	323.87084	4.06191	0.0884465	0.28172733	2.3045354	21	8 19.1	19.5
94672 2001 XJ_{18}	15.9	X	183.54890	323.71429	32.54370	7.94607	0.1220641	0.26683853	2.3894816	21	2 22.7	19.5
94673 2001 XP_{19}	14.8	X	283.08681	249.93420	58.51685	11.10285	0.2363825	0.27396870	2.3478413	21	3 25.4	18.4
94674 2001 XK_{21}	15.2	X	86.74359	344.65592	50.27197	9.29734	0.1143760	0.25710573	2.4494103	21	—	—
94675 2001 XL_{21}	15.8	X	201.47938	7.41975	350.58782	6.98810	0.1566384	0.26896113	2.3768934	21	3 11.6	19.5
94676 2001 XN_{21}	16.1	X	103.18897	40.03630	2.65070	6.70465	0.1283474	0.26049403	2.4281240	21	1 17.0	18.9
94677 2001 XQ_{22}	16.6	X	217.13108	50.87054	351.31917	2.99278	0.1659759	0.27836087	2.3230787	21	5 20.5	20.2
94678 2001 XB_{23}	16.4	X	21.59505	3.08254	14.99475	3.73959	0.1692780	0.29778262	2.2209383	21	—	—
94679 2001 XO_{23}	15.7	X	2.77292	296.56043	37.27171	6.58670	0.1128079	0.28602411	2.2813975	21	10 4.7	17.7
94680 2001 XY_{23}	15.5	X	195.54129	14.55267	359.31037	7.39392	0.0690072	0.26796995	2.3827510	21	3 23.7	18.8
94681 2001 XA_{24}	16.2	X	300.41446	340.49082	2.88295	3.64879	0.2045688	0.28295793	2.2978489	21	5 31.6	18.8
94682 2001 XN_{24}	15.7	X	74.99263	306.33472	54.18341	6.83982	0.1562414	0.30133013	2.2034727	21	—	—
94683 2001 XB_{25}	15.2	X	51.20155	331.66355	77.78662	13.63609	0.1914349	0.25370721	2.4712357	21	—	—
94684 2001 XF_{25}	16.3	X	78.96764	36.51402	18.15265	4.94410	0.1584989	0.30837933	2.1697642	21	—	—
94685 2001 XJ_{25}	15.4	X	27.78004	22.18336	65.80075	5.30045	0.1049540	0.30410313	2.1900572	21	—	—
94686 2001 XO_{25}	15.1	X	327.15505	78.15880	74.41307	7.75357	0.1257617	0.25202971	2.4821893	21	—	—
94687 2001 XW_{25}	14.9	X	155.52910	109.68201	82.75392	13.80835	0.1069128	0.23456709	2.6039022	21	10 10.6	19.1
94688 2001 XL_{27}	15.2	X	106.48263	19.38173	88.58782	12.65716	0.1088677	0.26567589	2.3964477	21	4 22.2	18.4
94689 2001 XQ_{27}	16.3	X	190.41221	62.05620	1.35277	6.48238	0.2332371	0.27387458	2.3483792	21	5 22.2	20.4
94690 2001 XH_{28}	14.9	X	264.54082	40.09700	43.26219	6.66328	0.1526780	0.28571138	2.2830619	21	9 16.9	17.5
94691 2001 XG_{29}	15.9	X	129.42045	322.14827	142.34985	7.19918	0.1123089	0.27032329	2.3689019	21	5 13.3	19.2
94692 2001 XB_{30}	15.3	X	113.79169	288.73039	129.90125	7.39117	0.1414666	0.26377332	2.4079575	21	2 23.8	18.3
94693 2001 XY_{31}	16.0	X	275.76264	335.20396	71.72779	6.48765	0.0495098	0.28558242	2.2837492	21	8 28.9	18.7
94694 2001 XF_{35}	16.3	X	153.21372	141.19313	325.90676	6.90421	0.0501653	0.27886272	2.3202908	21	6 5.3	19.4
94695 2001 XN_{35}	14.2	X	218.76051	172.23312	265.25148	21.59008	0.0985993	0.23342269	2.6124060	21	7 10.4	18.2
94696 2001 XR_{35}	16.4	X	226.11910	85.21172	326.80734	6.31170	0.0915483	0.28193559	2.3034005	21	6 18.4	19.6
94697 2001 XV_{40}	16.0	X	338.94245	2.23953	349.23652	7.64203	0.1615283	0.28843124	2.2686867	21	9 13.1	17.2
94698 2001 XN_{41}	16.0	X	264.71653	323.57157	43.39839	11.40307	0.1366882	0.27960623	2.3161756	21	5 26.6	19.0
94699 2001 XH_{43}	15.4	X	211.54125	280.24346	353.54586	8.65851	0.0304519	0.25830034	2.4418523	21	—	—
94700 2001 XQ_{50}	16.2	X	355.40313	282.23591	199.46301	6.67416	0.2113000	0.30433047	2.1889664	21	—	—
94701 2001 XC_{53}	15.9	X	70.30280	67.61601	78.91888	6.93533	0.0288007	0.27132798	2.3630505	21	4 8.1	18.7
94702 2001 XU_{53}	16.5	X	237.72883	332.88362	94.14741	5.45695	0.1660739	0.28421636	2.2910611	21	7 15.7	19.6
94703 2001 XM_{54}	16.1	X	1.05476	46.98975	114.46249	2.73345	0.1141857	0.26210144	2.4181864	21	1 5.0	18.8
94704 2001 XR_{54}	16.3	X	105.63864	226.41697	247.28015	0.96457	0.1264439	0.27086397	2.3657484	21	4 24.5	19.3
94705 2001 XK_{55}	16.6	X	69.08207	116.26186	241.78388	2.35697	0.1260910	0.30271059	2.1967686	21	—	—
94706 2001 XK_{56}	15.7	X	112.12786	313.68049	103.85630	2.91958	0.0579912	0.26503934	2.4002832	21	2 5.9	18.4
94707 2001 XR_{56}	16.3	X	96.20545	17.64553	83.26913	2.41351	0.1397643	0.26791607	2.3830704	21	3 28.2	18.9
94708 2001 XS_{57}	15.1	X	142.54121	145.29335	90.01709	14.24598	0.1202430	0.24268895	2.5454782	21	11 17.2	19.2
94709 2001 XD_{58}	16.6	X	252.01340	266.22661	82.93031	3.76132	0.1802607	0.27742378	2.3283071	21	4 16.9	20.0
94710 2001 XS_{58}	16.5	X	242.52328	312.83392	108.01829	4.34423	0.1319752	0.28368871	2.2939011	21	7 16.5	19.4
94711 2001 XW_{58}	15.6	X	322.17108	320.11601	84.67318	7.43055	0.1122916	0.29288190	2.2456446	21	11 7.8	17.6
94712 2001 XU_{59}	15.4	X	212.82737	215.97490	267.76426	6.72491	0.0819397	0.28604686	2.2812765	21	9 8.2	18.6
94713 2001 XO_{60}	16.7	X	215.09692	126.93779	273.95142	1.67961	0.2372084	0.27819872	2.3239813	21	5 14.8	20.7
94714 2001 XS_{60}	15.6	X	157.70032	237.84256	254.95020	9.00601	0.0341062	0.28152118	2.3056603	21	7 16.1	18.6
94715 2001 XS_{61}	15.8	X	8.18757	348.26156	128.83206	3.19530	0.1318069	0.25691606	2.4506157	21	—	—
94716 2001 XT_{61}	16.0	X	182.51805	208.62825	141.04370	3.26063	0.1930903	0.26742976	2.3859586	21	2 13.9	19.9
94717 2001 XU_{61}	16.6	X	102.77357	304.05759	158.06836	2.39881	0.1329676	0.26843539	2.3799959	21	4 6.7	19.3
94718 2001 XV_{61}	15.2	X	261.90570	189.10195	267.03033	2.48909	0.1121708	0.28983449	2.2613581	21	10 4.1	17.6
94719 2001 XA_{62}	16.3	X	313.04886	284.07035	98.96366	6.57315	0.1247724	0.28856171	2.2680028	21	9 15.0	18.4
94720 2001 XG_{62}	15.8	X	40.05651	16.72225	87.48330	2.43873	0.1403100	0.25963619	2.4334695	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94721 2001 XR_{62}	15.9	X	180.97950	19.24177	99.70778	3.76930	0.1039018	0.28027201	2.3125061	21	7 28.7	19.1
94722 2001 XG_{63}	16.0	X	152.42856	182.05270	184.43369	2.42085	0.1460012	0.26316077	2.4116926	21	2 1.2	19.4
94723 2001 XJ_{63}	16.0	X	277.17024	316.31278	106.86659	4.32851	0.1474682	0.28737522	2.2742411	21	9 6.3	18.4
94724 2001 XY_{63}	15.5	X	176.35866	206.58044	221.50485	2.62333	0.1124559	0.27368016	2.3494913	21	5 14.9	19.0
94725 2001 XB_{64}	16.0	X	146.75270	305.55076	105.78798	3.48417	0.1601485	0.26796979	2.3827519	21	3 28.0	19.4
94726 2001 XD_{64}	15.3	X	193.65941	264.81783	219.24116	2.24974	0.1258161	0.23118323	2.6292497	21	8 14.2	19.2
94727 2001 XA_{65}	15.6	X	225.54594	24.57482	112.09681	5.53329	0.1297767	0.23787507	2.5797053	21	10 7.4	19.3
94728 2001 XL_{65}	15.1	X	161.81094	283.59433	276.84880	12.26112	0.1292349	0.23649748	2.5897134	21	10 13.9	19.4
94729 2001 XQ_{65}	16.1	X	183.10133	308.57629	101.50910	3.38037	0.1516310	0.27282919	2.3543742	21	4 30.5	19.7
94730 2001 XJ_{66}	16.0	X	142.02518	304.05662	108.65940	4.16017	0.1934312	0.26760691	2.3849055	21	3 28.7	19.5
94731 2001 XA_{67}	15.9	X	324.74765	91.05949	275.22235	5.96616	0.1185903	0.28556426	2.2838460	21	9 3.7	18.0
94732 2001 XW_{67}	16.0	X	116.64962	275.16149	135.75927	1.95363	0.1768635	0.26329092	2.4108977	21	2 21.7	19.0
94733 2001 XG_{70}	16.7	X	155.04785	9.47795	109.85062	4.40668	0.0844257	0.28060118	2.3106973	21	6 28.2	19.7
94734 2001 XM_{70}	15.6	X	1.01741	297.25745	177.39107	6.44593	0.0514433	0.25681320	2.4512700	21	—	—
94735 2001 XX_{70}	15.9	X	196.89292	22.01421	91.92001	5.83445	0.1021696	0.28507664	2.2864496	21	8 10.2	19.1
94736 2001 XV_{73}	16.4	X	236.42997	49.56681	100.96458	5.61209	0.0826348	0.29499013	2.2349324	21	11 22.2	18.9
94737 2001 XH_{74}	16.1	X	16.46386	181.64224	160.24155	6.30710	0.2157757	0.29548510	2.2324359	21	11 29.2	18.4
94738 2001 XF_{75}	15.8	X	83.99667	336.70680	148.05882	2.60020	0.1552118	0.26921038	2.3754260	21	4 14.8	18.4
94739 2001 XH_{77}	16.7	X	102.95897	329.14893	162.86551	2.26041	0.1468195	0.27313208	2.3526333	21	5 20.7	19.6
94740 2001 XT_{77}	16.4	X	232.73447	152.08945	166.16954	2.45616	0.2349044	0.27257694	2.3558265	21	2 16.3	20.3
94741 2001 XB_{78}	16.2	X	24.29755	203.68339	94.74813	6.41702	0.1387696	0.28886675	2.2664058	21	9 25.9	18.4
94742 2001 XC_{78}	15.3	X	305.01340	102.26498	90.63766	12.48921	0.1334114	0.25999442	2.4312336	21	—	—
94743 2001 XD_{78}	16.0	X	205.92674	180.76990	228.71078	4.55520	0.0682999	0.27813538	2.3243341	21	5 23.1	19.1
94744 2001 XH_{81}	16.0	X	288.79031	82.43927	227.94090	5.87101	0.1211138	0.27692395	2.3311079	21	4 11.2	19.0
94745 2001 XM_{81}	16.0	X	65.60101	270.21523	169.43997	6.32944	0.1211932	0.26104290	2.4247192	21	1 2.3	18.5
94746 2001 XW_{84}	16.5	X	84.79058	293.86152	227.52918	6.37165	0.0440732	0.27483488	2.3429057	21	5 19.6	19.1
94747 2001 XB_{85}	15.1	X	301.49210	328.78365	101.17457	27.90319	0.0171681	0.24059408	2.5602326	21	11 14.8	19.0
94748 2001 XD_{85}	15.6	X	102.07179	174.10338	241.32230	5.41046	0.1038216	0.26183266	2.4198411	21	1 25.0	18.6
94749 2001 XM_{85}	16.5	X	143.96269	235.21299	191.40355	3.12332	0.1435170	0.26896242	2.3768858	21	4 10.5	19.8
94750 2001 XT_{85}	16.0	X	314.32428	288.41627	128.23244	5.77550	0.1621337	0.29156562	2.2523982	21	11 8.6	17.7
94751 2001 XE_{86}	16.2	X	248.39216	236.40465	197.88892	1.68895	0.0970842	0.28334106	2.2957770	21	8 16.5	18.9
94752 2001 XX_{86}	14.9	X	228.29224	114.41263	278.86828	8.65853	0.2301339	0.27641256	2.3339822	21	5 15.4	18.9
94753 2001 XE_{88}	16.1	X	232.33482	341.56006	88.42553	2.34193	0.1072882	0.28061483	2.3106224	21	7 20.0	19.1
94754 2001 XY_{88}	16.7	X	81.39207	146.86122	355.05041	3.67234	0.0515698	0.27477740	2.3432325	21	4 15.8	19.5
94755 2001 XJ_{89}	16.0	X	285.88088	236.05615	45.74227	8.47903	0.1049610	0.27376640	2.3489978	21	3 8.2	19.2
94756 2001 XQ_{89}	16.3	X	169.20474	201.26328	47.51488	5.32717	0.1244828	0.30212438	2.1996092	21	—	—
94757 2001 XT_{97}	15.1	X	52.48841	132.20713	327.44959	1.84214	0.1747282	0.26100390	2.4249608	21	1 9.4	16.9
94758 2001 XW_{97}	16.0	X	315.84736	29.52665	6.37065	2.87144	0.1706314	0.29115695	2.2545054	21	10 4.1	17.3
94759 2001 XR_{98}	15.7	X	188.72464	136.07376	290.37265	3.96389	0.0834286	0.27655827	2.3331623	21	5 25.0	19.1
94760 2001 XU_{98}	15.6	X	148.88686	359.86329	91.15567	8.42594	0.1487902	0.27293731	2.3537524	21	5 20.1	19.1
94761 2001 XX_{98}	16.1	X	121.18358	302.31565	81.16739	3.89149	0.1291583	0.31119593	2.1566522	21	1 2.2	18.2
94762 2001 XC_{99}	15.5	X	327.78515	112.96187	282.18812	4.16926	0.1381810	0.29058975	2.2574381	21	10 29.6	17.4
94763 2001 XM_{99}	15.2	X	233.00462	180.09293	310.66038	2.39839	0.1541902	0.23831679	2.5765166	21	10 1.2	19.0
94764 2001 XQ_{99}	15.7	X	20.20638	333.56124	36.97048	2.60696	0.1946913	0.29670168	2.2263292	21	—	—
94765 2001 XQ_{100}	15.5	X	288.00102	115.50107	306.79435	5.83433	0.1739814	0.28842774	2.2687050	21	9 13.9	17.6
94766 2001 XU_{100}	15.6	X	279.78027	189.85886	284.18692	3.90291	0.1667465	0.24212971	2.5493962	21	11 9.9	18.5
94767 2001 XC_{101}	15.6	X	50.37509	258.10033	60.53640	4.49872	0.1497171	0.29265251	2.2468179	21	12 1.6	18.5
94768 2001 XF_{101}	15.9	X	82.27492	36.69171	53.44172	2.88725	0.1418777	0.26346228	2.4098523	21	2 19.9	18.3
94769 2001 XR_{101}	15.5	X	339.42442	254.92726	96.00991	8.94402	0.2072725	0.28757076	2.2732100	21	9 20.1	17.0
94770 2001 XA_{102}	16.1	X	351.52177	313.20693	47.18013	3.19206	0.1822171	0.29036690	2.2585930	21	10 31.3	17.7
94771 2001 XF_{105}	15.4	X	194.06460	143.07930	9.03909	6.52998	0.0912870	0.23354394	2.6115017	21	9 23.4	19.1
94772 2001 XE_{107}	16.2	X	262.89650	304.87337	13.72980	5.02492	0.2108690	0.27648488	2.3335751	21	3 16.1	19.9
94773 2001 XF_{108}	15.7	X	257.49049	181.64191	339.00000	3.94359	0.0528974	0.29937488	2.2130564	21	—	—
94774 2001 XT_{108}	15.3	X	58.35914	287.47622	33.10114	6.11466	0.1865258	0.29253038	2.2474432	21	12 18.0	18.4
94775 2001 XW_{111}	16.2	X	64.19669	50.79281	200.19522	3.56638	0.1114047	0.28550377	2.2841686	21	9 8.7	18.9
94776 2001 XR_{112}	15.8	X	68.78428	351.00289	108.26337	6.93820	0.0595095	0.26367214	2.4085734	21	1 31.2	18.5
94777 2001 XF_{114}	15.6	X	137.96577	300.78011	51.68002	6.67706	0.1346620	0.26031767	2.4292205	21	—	—
94778 2001 XQ_{115}	15.6	X	125.91135	331.49156	75.73081	8.13928	0.0890225	0.26330183	2.4108312	21	2 18.9	18.8
94779 2001 XC_{116}	15.7	X	247.75251	64.32876	2.35246	4.42848	0.1166288	0.28245363	2.3005832	21	8 3.9	18.8
94780 2001 XJ_{116}	16.0	X	168.00648	56.01858	69.57222	6.84209	0.0791035	0.27787807	2.3257688	21	7 23.7	19.3
94781 2001 XO_{117}	16.1	X	273.00824	332.43108	70.95130	6.75707	0.1379550	0.28320058	2.2965361	21	8 2.4	18.9
94782 2001 XS_{117}	15.6	X	33.46265	298.04646	63.58062	7.59580	0.1512275	0.29468805	2.2364595	21	—	—
94783 2001 XK_{118}	15.1	X	229.21365	39.82367	95.41946	14.22682	0.0585871	0.23629204	2.5912142	21	10 23.4	18.9
94784 2001 XP_{118}	15.4	X	13.10954	301.82460	53.16380	6.81669	0.1877167	0.29013745	2.2597836	21	12 4.4	17.5
94785 2001 XL_{119}	15.3	X	151.63047	29.02817	31.59296	6.36013	0.1934676	0.26629589	2.3927266	21	4 15.7	19.1
94786 2001 XM_{119}	14.9	X	20.54381	86.81744	84.87840	5.83991	0.1663996	0.25957284	2.4338654	21	2 23.1	17.1
94787 2001 XP_{123}	16.2	X	0.47540	125.12403	107.02692	3.47514	0.1202799	0.27477439	2.3432496	21	4 16.3	18.3
94788 2001 XW_{126}	17.3	X	251.09232	283.44115	150.18822	2.27649	0.1053493	0.28721661	2.2750783	21	8 18.8	20.0
94789 2001 XF_{130}	17.3	X	57.58446	203.40123	160.17804	0.60426	0.1957473	0.30335371	2.1936627	21	—	—
94790 2001 XZ_{135}	15.4	X	127.29423	345.22750	238.48234	7.85278	0.1084748	0.23896795	2.5718341	21	10 11.6	19.4
94791 2001 XL_{140}	16.9	X	300.49064	207.20546	168.83839	1.79670	0.1475692	0.28699622	2.2762428	21	8 1.8	19.2
94792 2001 XG_{143}	16.3	X	64.07673	35.64306	239.76325	6.70740	0.1059205	0.28888157	2.2663283	21	10 11.8	19.2
94793 2001 XC_{149}	15.6	X	63.22815	70.73008	138.92851	3.02287	0.1386663	0.22622998	2.6674889	21	7 12.0	18.9
94794 2001 XH_{149}	16.0	X	40.91491	93.97172	101.41662	7.31955	0.0711374	0.27237269	2.3570041	21	5 6.5	18.6
94795 2001 XD_{154}	16.0	X	271.11888	23.68043	255.22788	3.56124	0.1449830	0.26712199	2.3877909	21	2 6.6	19.5
94796 2001 XU_{154}	15.7	X	243.28948	285.44264	88.09769	4.77444	0.1223193	0.27780819	2.3261588	21	5 14.7	19.0
94797 2001 XH_{155}	16.0	X	278.35993	359.88445	132.64764	3.39443	0.0744802	0.24636448	2.5200974	21	12 17.9	19.0
94798 2001 XL_{155}	16.2	X	143.26672	216.80752	124.70907	3.45998	0.1386191	0.25937916	2.4350768	21	—	—
94799 2001 XO_{155}	15.8	X	64.77750	274.84594	248.68709	6.23769	0.0587853	0.27087797	2.3656669	21	4 22.4	18.5
94800 2001 XR_{155}	16.0	X	199.67191	2.29239	191.37049	2.53172	0.0670564	0.24353310	2.5395926	21	11 24.9	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94801 2001 XY_{156}	16.6	X	219.11535	324.23123	93.43021	1.25029	0.2395925	0.28036398	2.3120004	21	6 8.9	20.3
94802 2001 XA_{158}	15.7	X	4.31350	52.70387	105.81557	7.21485	0.0759731	0.26124163	2.4234894	21	1 11.4	18.4
94803 2001 XB_{158}	15.7	X	190.90061	84.41366	252.17939	7.03170	0.0490316	0.26369441	2.4084378	21	1 26.5	19.0
94804 2001 XG_{159}	16.0	X	85.62685	298.21708	210.23264	1.78344	0.1137088	0.27070419	2.3666792	21	5 13.8	18.7
94805 2001 XD_{160}	15.0	X	156.14870	227.29522	100.60475	13.62395	0.0496297	0.25697764	2.4502242	21	—	—
94806 2001 XS_{163}	16.1	X	351.29136	73.71521	216.38738	3.72872	0.1715569	0.28083600	2.3094091	21	6 25.2	17.7
94807 2001 XP_{166}	15.9	X	348.30379	324.55630	223.26459	3.65602	0.1327626	0.26243160	2.4161578	21	1 17.6	18.5
94808 2001 XM_{167}	16.6	X	244.74509	169.21990	220.95978	1.08611	0.1928486	0.28077423	2.3097477	21	5 31.0	20.0
94809 2001 XV_{167}	16.0	X	0.73114	90.89251	237.05193	4.02564	0.1562391	0.28789012	2.2715286	21	9 21.6	17.9
94810 2001 XU_{169}	16.2	X	227.37911	103.64411	208.25751	3.26355	0.1203190	0.26549361	2.3975445	21	2 6.0	19.7
94811 2001 XQ_{172}	15.8	X	135.56308	208.74528	260.49564	2.91997	0.1144841	0.27279165	2.3545902	21	5 24.6	19.1
94812 2001 XC_{173}	15.7	X	112.31313	302.77061	107.63102	7.11882	0.1047818	0.26267434	2.4146691	21	2 4.9	18.7
94813 2001 XC_{174}	15.8	X	63.75148	99.67144	230.85533	4.18171	0.1731575	0.29631590	2.2282611	21	—	—
94814 2001 XR_{174}	16.8	X	184.89341	224.25021	153.41772	1.58643	0.1907564	0.26985289	2.3716540	21	3 22.4	20.6
94815 2001 XJ_{175}	17.1	X	344.40277	251.15154	146.15289	2.56162	0.1635449	0.29416144	2.2391278	21	12 13.3	18.7
94816 2001 XD_{176}	16.1	X	322.26109	266.65875	170.79231	2.26470	0.0407281	0.24414242	2.5353654	21	12 10.9	19.3
94817 2001 XO_{176}	16.0	X	271.86503	222.25934	107.30766	3.28417	0.2272355	0.27514271	2.3411579	21	4 7.0	19.4
94818 2001 XS_{176}	15.7	X	243.07767	24.17512	94.51493	5.30112	0.1542153	0.23795191	2.5791499	21	10 1.4	19.4
94819 2001 XF_{177}	15.4	X	135.87404	338.23040	163.33270	2.79068	0.0520560	0.22601152	2.6692075	21	7 2.7	19.2
94820 2001 XL_{179}	15.8	X	149.17826	127.43280	231.95613	1.66174	0.1791303	0.26154201	2.4216335	21	1 24.0	19.3
94821 2001 XM_{179}	16.2	X	155.17943	160.35951	220.14044	1.27220	0.2007143	0.26573474	2.3960938	21	2 27.1	19.7
94822 2001 XC_{180}	16.7	X	201.91302	246.45047	153.07979	3.50206	0.1668380	0.27429949	2.3459534	21	5 4.8	20.4
94823 2001 XU_{181}	16.5	X	183.37527	162.10326	214.17749	1.80784	0.1963473	0.26889529	2.3772814	21	3 18.7	20.2
94824 2001 XY_{183}	16.2	X	283.20205	178.97702	201.44680	3.43564	0.1684807	0.28260535	2.2997597	21	7 6.4	18.8
94825 2001 XF_{185}	15.9	X	215.49016	243.82990	260.32084	4.16918	0.0542981	0.23828975	2.5767116	21	10 9.4	19.5
94826 2001 XJ_{186}	16.3	X	174.06406	263.49084	121.44020	5.69782	0.1521077	0.26874454	2.3781703	21	3 21.8	19.9
94827 2001 XA_{190}	16.7	X	138.11227	291.00610	136.66278	4.61978	0.1295621	0.26752100	2.3854160	21	4 5.7	20.0
94828 2001 XG_{190}	16.6	X	313.36206	259.47951	122.20865	3.26235	0.1548123	0.28670207	2.2777995	21	9 6.8	18.3
94829 2001 XO_{190}	16.0	X	36.07468	285.21810	248.25725	1.94983	0.1619158	0.26425732	2.4050163	21	3 27.0	17.8
94830 2001 XF_{191}	17.0	X	235.66371	304.82988	121.44026	3.36536	0.1998380	0.28158436	2.3053154	21	7 8.5	20.3
94831 2001 XO_{191}	16.0	X	36.88224	330.06808	162.70854	1.35991	0.1139296	0.26020483	2.4299228	21	1 26.9	18.2
94832 2001 XG_{192}	15.9	X	338.77288	281.49765	135.25424	4.28276	0.1524365	0.24383059	2.5375265	21	12 14.1	18.3
94833 2001 XQ_{192}	15.6	X	124.71035	336.28493	134.31944	0.82090	0.1604964	0.27021758	2.3695197	21	5 19.7	18.8
94834 2001 XY_{193}	16.0	X	111.00379	326.96466	121.65128	1.12873	0.1684479	0.26607324	2.3940612	21	4 4.8	19.1
94835 2001 XG_{194}	16.9	X	239.46045	149.15858	270.27399	3.55781	0.1390758	0.28041233	2.3117346	21	7 9.6	20.0
94836 2001 XH_{194}	16.7	X	204.28358	145.76769	261.85315	1.58836	0.1919466	0.27499353	2.3420045	21	5 15.6	20.6
94837 2001 XN_{194}	15.7	X	22.03048	220.90698	261.18650	3.12112	0.1238030	0.25668802	2.4520669	21	—	—
94838 2001 XU_{194}	15.4	X	63.11665	106.28149	142.07917	6.58187	0.1069070	0.22785743	2.6547721	21	8 30.6	18.8
94839 2001 XD_{198}	15.8	X	292.15483	148.20316	275.33409	6.47350	0.0770385	0.28642197	2.2792843	21	10 7.2	18.3
94840 2001 XN_{198}	15.8	X	104.91393	214.41529	246.71345	3.93273	0.0910436	0.26633717	2.3924794	21	3 30.1	18.7
94841 2001 XC_{199}	16.6	X	211.67784	131.43740	236.71271	1.25253	0.2424753	0.27173490	2.3606908	21	4 1.3	20.6
94842 2001 XG_{202}	15.6	X	18.69666	134.30317	103.65890	6.43592	0.1388537	0.28074181	2.3099256	21	6 1.6	17.5
94843 2001 XB_{204}	15.7	X	335.32964	33.55871	200.91751	5.47466	0.1518572	0.27065671	2.3669560	21	2 25.8	18.3
94844 2001 XE_{204}	16.3	X	226.83836	334.01178	167.04726	5.02418	0.0898822	0.29232684	2.2484864	21	10 25.6	19.0
94845 2001 XL_{204}	16.3	X	80.06843	136.74705	11.29787	2.93030	0.0978521	0.27054445	2.3676107	21	4 30.9	18.9
94846 2001 XN_{205}	16.3	X	83.95981	243.00187	214.80610	5.87757	0.0981111	0.26652319	2.3913660	21	2 22.4	19.1
94847 2001 XD_{207}	16.1	X	32.02404	1.87651	121.72453	6.21560	0.0883800	0.26182510	2.4198876	21	1 5.8	18.8
94848 2001 XO_{207}	16.2	X	57.43116	332.41072	135.82551	4.38468	0.0646803	0.26358687	2.4090928	21	1 25.3	19.0
94849 2001 XK_{208}	15.9	X	256.72112	195.99918	121.43132	5.91318	0.1604718	0.27300988	2.3533353	21	3 14.4	19.5
94850 2001 XY_{208}	16.2	X	82.08418	219.27742	216.72217	5.93804	0.1060199	0.26280499	2.4138687	21	1 22.3	18.9
94851 2001 XE_{209}	16.3	X	352.68592	153.05341	190.62563	3.79849	0.1443045	0.28973024	2.2619005	21	10 1.4	18.1
94852 2001 XJ_{209}	15.4	X	168.30723	228.07203	213.47135	4.00162	0.1154339	0.27560756	2.3385247	21	5 24.6	18.8
94853 2001 XE_{210}	16.1	X	176.90975	299.59769	129.72967	6.57658	0.1067226	0.27511006	2.3413431	21	5 18.9	19.5
94854 2001 XP_{210}	16.0	X	171.99134	272.12607	206.14335	3.44463	0.1045647	0.27961007	2.3161544	21	7 16.3	19.3
94855 2001 XR_{210}	15.7	X	283.89118	345.49523	225.31756	5.38885	0.0390240	0.25798058	2.4438697	21	—	—
94856 2001 XA_{211}	16.5	X	133.70986	267.50551	175.75188	3.44055	0.1147309	0.27042168	2.3683272	21	4 18.1	19.5
94857 2001 XH_{211}	16.5	X	282.57738	226.12670	210.01653	5.11699	0.1272821	0.29013402	2.2598014	21	10 6.1	18.6
94858 2001 XC_{213}	15.7	X	215.48235	356.59282	140.10797	8.47087	0.1400254	0.23576704	2.5950595	21	9 24.8	19.6
94859 2001 XO_{213}	15.9	X	34.32061	321.20816	143.78916	5.17326	0.1559734	0.25830575	2.4418183	21	—	—
94860 2001 XE_{214}	17.1	X	325.67915	248.79347	155.71063	3.42406	0.2363734	0.29276757	2.2462292	21	11 15.9	18.0
94861 2001 XJ_{214}	16.2	X	16.32511	255.34639	142.44059	5.20304	0.0947224	0.29851329	2.2173127	21	—	—
94862 2001 XT_{214}	16.1	X	208.27125	7.25063	338.70622	4.84637	0.0175356	0.26652711	2.3913425	21	3 1.5	19.1
94863 2001 XJ_{216}	16.4	X	261.84677	189.99212	77.42047	3.79764	0.1569742	0.26425593	2.4050248	21	1 15.5	20.2
94864 2001 XW_{216}	14.9	X	286.80296	167.07928	81.74641	10.83130	0.2183697	0.21304074	2.7764782	21	1 20.0	19.3
94865 2001 XR_{217}	15.9	X	235.82221	52.97707	90.44316	4.04007	0.0709942	0.24045812	2.5611976	21	11 4.2	19.2
94866 2001 XW_{217}	16.1	X	334.71112	248.18264	106.84071	4.77641	0.1812457	0.28575360	2.2828370	21	9 10.8	17.6
94867 2001 XS_{218}	15.8	X	291.25680	236.34462	28.30369	2.95618	0.1421196	0.27225824	2.3576646	21	2 12.2	19.1
94868 2001 XS_{222}	16.3	X	279.89196	7.37578	268.12681	2.73801	0.1516211	0.27202776	2.3589961	21	2 10.4	19.7
94869 2001 XR_{224}	16.3	X	318.32183	243.95061	46.68083	6.27589	0.0665356	0.27758023	2.3274321	21	5 6.2	18.6
94870 2001 XN_{225}	16.3	X	43.94746	329.98244	257.68959	6.45204	0.0701403	0.27948978	2.3168190	21	6 26.4	18.6
94871 2001 XA_{226}	16.1	X	252.42948	216.13450	61.07627	4.88272	0.1706047	0.26691107	2.3890486	21	1 18.1	19.8
94872 2001 XT_{226}	15.6	X	53.41236	172.41422	61.10353	15.03230	0.1174204	0.23081171	2.6320703	21	7 31.8	19.1
94873 2001 XZ_{232}	16.2	X	187.43443	206.14828	6.55813	2.36085	0.0728950	0.24600901	2.5225244	21	12 3.9	19.7
94874 2001 XH_{233}	16.1	X	198.37423	116.35984	269.06174	5.46586	0.1039756	0.27378788	2.3488750	21	4 8.9	19.6
94875 2001 XL_{233}	15.3	X	300.52757	9.69245	268.65143	5.12962	0.1829656	0.27323796	2.3520255	21	3 3.4	18.6
94876 2001 XW_{233}	15.9	X	292.95568	15.15687	271.99981	6.04149	0.1233403	0.27298811	2.3534604	21	3 13.6	19.2
94877 2001 XO_{234}	16.2	X	10.14460	321.75677	4.92671	1.85157	0.0770938	0.28921025	2.2646109	21	10 1.1	18.5
94878 2001 XU_{238}	16.5	X	316.93111	328.12210	88.99659	5.80146	0.1336998	0.29270465	2.2465511	21	11 15.3	18.2
94879 2001 XR_{239}	16.3	X	230.65579	157.69702	296.65640	6.18743	0.0631387	0.28410655	2.2916514	21	8 24.8	19.1
94880 2001 XW_{241}	16.2	X	44.75399	322.49795	261.49205	1.36301	0.1636866	0.27796342	2.3252927	21	7 6.6	18.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94881 2001 XS_{243}	14.7	X	47.09744	262.61647	290.15223	11.85076	0.0638933	0.21843215	2.7306016	21	5 10.8	18.3
94882 2001 XC_{244}	15.8	X	293.20570	162.27683	43.34508	5.98742	0.1061261	0.26187613	2.4195732	21	—	—
94883 2001 XS_{248}	16.0	X	137.77462	354.39247	131.15787	2.92087	0.0170464	0.22375987	2.6870840	21	6 10.4	19.6
94884 Takuya	16.4	X	159.47847	316.25980	129.23533	3.26359	0.0518636	0.27363787	2.3497334	21	5 16.3	19.4
94885 2001 XK_{250}	16.3	X	227.55893	276.15945	185.75890	2.65469	0.1074404	0.28527267	2.2854020	21	8 27.3	19.2
94886 2001 XY_{252}	15.2	X	198.14795	25.22478	120.77101	14.32443	0.1173397	0.23302718	2.6153611	21	9 22.9	19.4
94887 2001 XA_{254}	14.8	X	239.58224	0.97305	14.74388	9.83378	0.1864353	0.27383581	2.3486009	21	5 4.8	18.6
94888 2001 XM_{254}	15.9	X	230.51681	1.30656	22.65949	6.79904	0.1343483	0.27479946	2.3431070	21	5 11.3	19.4
94889 2001 YK	16.3	X	123.66289	316.34550	24.27244	3.83433	0.1864200	0.30721464	2.1752447	21	—	—
94890 2001 YB_3	16.3	X	135.05216	199.07087	141.56404	4.76386	0.2072137	0.30991347	2.1625977	21	—	—
94891 2001 YC_5	14.7	X	155.49731	305.26726	47.80928	23.29554	0.3410363	0.26021873	2.4298363	21	2 18.0	19.4
94892 2001 YE_5	15.8	X	16.24196	178.67276	349.71589	5.94242	0.0686524	0.26166585	2.4208693	21	2 14.7	18.6
94893 2001 YG_5	16.2	X	206.71066	314.89435	124.38218	5.88546	0.1802438	0.27828120	2.3235221	21	6 28.8	19.8
94894 2001 YC_6	16.5	X	196.44973	249.46037	91.94051	2.27754	0.2083573	0.26588342	2.3952005	21	2 17.2	20.3
94895 2001 YF_7	16.0	X	27.99480	293.38472	354.56299	6.57680	0.1259906	0.28633597	2.2797406	21	9 10.1	18.2
94896 2001 YZ_7	15.5	X	35.74123	276.69305	348.20225	5.64680	0.1057207	0.28404884	2.2919618	21	8 16.4	17.7
94897 2001 YD_8	16.0	X	102.55751	225.75119	311.52560	4.93261	0.1026600	0.27956165	2.3164219	21	7 17.0	18.8
94898 2001 YA_{11}	16.9	X	219.36770	105.55393	275.16952	1.29447	0.2381631	0.27446225	2.3450259	21	4 22.8	20.9
94899 2001 YN_{11}	16.9	X	285.64060	264.43455	113.60252	2.07118	0.2111730	0.28286234	2.2983666	21	6 29.7	19.5
94900 2001 YF_{14}	16.1	X	52.05993	340.92411	324.28169	5.75463	0.0325020	0.29227577	2.2487483	21	10 25.2	18.8
94901 2001 YR_{18}	16.6	X	190.91774	265.12937	103.40544	2.27595	0.2056926	0.26905829	2.3763212	21	3 17.6	20.4
94902 2001 YX_{18}	16.6	X	171.35473	83.52856	25.55654	4.13429	0.0877444	0.27665624	2.3326115	21	7 3.9	20.0
94903 2001 YP_{20}	15.9	X	273.65720	299.96778	277.35034	5.34271	0.0921767	0.26088751	2.4256820	21	—	—
94904 2001 YM_{23}	16.6	X	205.13677	328.23329	318.11820	1.37262	0.1280663	0.26172314	2.4205161	21	—	—
94905 2001 YS_{24}	16.3	X	262.51510	310.93395	298.11541	0.80349	0.1370659	0.26302552	2.4125193	21	—	—
94906 2001 YF_{26}	14.9	X	42.69594	312.56598	266.01875	6.86640	0.2519513	0.22514783	2.6760294	21	7 8.8	17.5
94907 2001 YC_{35}	16.1	X	211.45504	245.05445	65.73054	2.76644	0.0448694	0.26420047	2.4053613	21	1 20.0	19.3
94908 2001 YG_{40}	15.9	X	330.70338	13.32124	267.60057	4.94264	0.1646135	0.27678269	2.3319009	21	4 24.6	18.4
94909 2001 YT_{41}	16.5	X	68.34257	100.05735	318.80460	4.61656	0.0875969	0.30777745	2.1725921	21	—	—
94910 2001 YC_{47}	15.4	X	216.53754	124.62222	25.26020	3.46638	0.1274190	0.23948525	2.5681292	21	10 12.1	19.2
94911 2001 YQ_{47}	16.9	X	312.79495	43.63000	64.18335	1.50482	0.1207454	0.29850741	2.2173418	21	—	—
94912 2001 YR_{47}	16.0	X	238.57047	201.49533	52.80110	2.09222	0.1590604	0.25805998	2.4433683	21	—	—
94913 2001 YL_{48}	16.5	X	216.73247	297.43672	60.74100	3.47644	0.1868067	0.27320629	2.3522073	21	3 26.7	20.4
94914 2001 YJ_{52}	16.2	X	267.88304	298.42912	308.14947	1.91857	0.0427033	0.26120759	2.4236999	21	1 4.5	19.5
94915 2001 YL_{57}	16.3	X	261.43322	333.89401	62.10805	7.42893	0.0892711	0.28294601	2.2979135	21	7 12.6	19.2
94916 2001 YQ_{57}	15.9	X	352.37008	216.17965	349.47340	1.11998	0.1315409	0.26603182	2.3943097	21	2 18.9	18.3
94917 2001 YF_{58}	16.1	X	40.40087	98.76975	279.77815	2.71892	0.0420137	0.29936421	2.2131090	21	—	—
94918 2001 YH_{60}	16.8	X	286.53893	91.36761	278.05828	4.78096	0.1916211	0.28401211	2.2921594	21	6 21.6	19.5
94919 2001 YO_{60}	15.9	X	323.75958	87.34826	74.56572	6.94965	0.0729095	0.25590464	2.4570686	21	—	—
94920 2001 YN_{62}	15.9	X	250.12478	33.43169	301.98115	5.19429	0.1758474	0.27343791	2.3508787	21	3 24.6	19.7
94921 2001 YT_{62}	15.2	X	349.24392	183.95446	59.97676	5.89107	0.1044072	0.22040267	2.7143019	21	4 22.1	18.3
94922 2001 YM_{63}	15.2	X	3.84304	144.82239	75.96037	4.29615	0.1282098	0.21830968	2.7316228	21	4 13.9	18.2
94923 2001 YA_{64}	16.6	X	256.98332	336.13474	71.79914	0.51330	0.1966073	0.28385110	2.2930261	21	7 7.3	19.5
94924 2001 YF_{64}	15.7	X	14.40399	301.45792	73.26343	4.84038	0.1325937	0.29551971	2.2322615	21	12 27.6	18.0
94925 2001 YB_{65}	15.9	X	246.39595	87.90254	292.82767	3.49576	0.1209432	0.27825909	2.3236452	21	5 26.6	19.0
94926 2001 YW_{66}	16.1	X	93.17954	118.98702	18.83470	3.15795	0.1518766	0.26972207	2.3724208	21	5 15.1	19.0
94927 2001 YT_{67}	16.6	X	282.62195	10.05271	24.02843	1.17882	0.1051899	0.28432892	2.2904564	21	8 7.5	19.0
94928 2001 YX_{70}	16.3	X	36.85434	187.06699	356.63573	0.85995	0.1246186	0.26714895	2.3876303	21	4 12.2	18.5
94929 2001 YA_{71}	16.2	X	267.63514	282.77241	95.60826	2.04549	0.2295864	0.28201491	2.3029685	21	6 4.4	19.5
94930 2001 YF_{71}	15.6	X	354.95565	232.51879	99.23268	6.98805	0.1619351	0.28589562	2.2820809	21	9 22.2	17.4
94931 2001 YO_{72}	15.6	X	328.39723	172.89149	20.73107	2.48119	0.1253299	0.25854243	2.4403278	21	—	—
94932 2001 YJ_{73}	15.6	X	59.17567	43.95542	283.52456	5.93480	0.1467949	0.29393050	2.2403005	21	12 23.9	18.4
94933 2001 YT_{73}	15.8	X	306.16205	320.76134	93.05465	5.08130	0.0871979	0.28935753	2.2638424	21	10 22.9	18.1
94934 2001 YV_{73}	15.3	X	323.38852	290.18794	296.89289	11.18781	0.1783241	0.21135711	2.7912034	21	2 5.9	18.9
94935 2001 YY_{73}	15.9	X	339.98161	356.89052	86.35370	7.69193	0.0559858	0.24715342	2.5147316	21	—	—
94936 2001 YQ_{74}	16.0	X	15.44681	293.23374	290.25808	6.32503	0.0670922	0.27216833	2.3581838	21	4 28.6	18.6
94937 2001 YX_{77}	16.7	X	223.63801	66.08841	319.75881	1.20390	0.2309163	0.27652885	2.3333278	21	5 2.9	20.6
94938 2001 YE_{78}	15.6	X	39.72341	35.86277	300.67679	4.40500	0.1846641	0.29320240	2.2440078	21	12 17.7	18.4
94939 2001 YJ_{78}	16.1	X	114.43851	6.66350	77.57946	3.21230	0.1779571	0.26679701	2.3897295	21	4 5.6	19.3
94940 2001 YP_{78}	16.3	X	246.56215	199.74834	309.85242	5.87030	0.2055730	0.24133585	2.5549838	21	11 2.4	19.8
94941 2001 YU_{78}	16.0	X	242.02048	11.88369	44.89360	3.90888	0.1022793	0.28104358	2.3082717	21	7 14.5	19.1
94942 2001 YF_{79}	15.9	X	265.86520	81.14387	310.55285	6.25524	0.1186733	0.28133665	2.3066684	21	7 7.6	18.7
94943 2001 YP_{81}	15.8	X	90.77898	44.52066	99.08817	3.91198	0.0191001	0.27017914	2.3697444	21	4 30.4	18.6
94944 2001 YH_{82}	16.7	X	171.50663	348.93168	53.83439	3.62465	0.1826894	0.27040951	2.3683983	21	4 11.3	20.4
94945 2001 YD_{83}	16.3	X	150.82414	67.17069	9.63365	2.10604	0.1816866	0.27097589	2.3650970	21	5 3.7	19.9
94946 2001 YY_{83}	16.5	X	271.77817	287.27332	87.97145	6.17482	0.1502281	0.28008152	2.3135546	21	6 16.3	19.2
94947 2001 YH_{85}	15.3	X	180.57259	33.93032	95.10608	10.39735	0.0507472	0.22948998	2.6421668	21	8 12.1	19.2
94948 2001 YJ_{85}	15.9	X	168.23358	260.81754	0.14377	2.64438	0.0222798	0.24668021	2.5179466	21	—	—
94949 2001 YU_{85}	16.7	X	280.65788	50.44848	341.99617	3.27635	0.2193523	0.28453879	2.2893300	21	7 13.0	19.5
94950 2001 YJ_{86}	16.3	X	347.73563	283.65621	93.02281	2.55228	0.0663588	0.28935405	2.2638606	21	11 7.1	18.5
94951 2001 YW_{86}	15.5	X	104.26536	357.55803	87.62705	5.84955	0.1786811	0.26498639	2.4006030	21	3 26.7	18.5
94952 2001 YY_{86}	16.1	X	218.70361	279.35152	91.62022	7.15968	0.1368556	0.27149044	2.3621077	21	4 17.0	19.7
94953 2001 YQ_{88}	16.1	X	146.49532	176.38403	308.50556	6.17029	0.0598997	0.27535690	2.3399437	21	6 24.0	19.3
94954 2001 YJ_{90}	15.2	X	147.81385	273.90530	97.77153	12.62971	0.1515212	0.26230758	2.4169193	21	2 6.5	18.7
94955 2001 YS_{90}	15.2	X	217.72578	112.28264	17.54424	23.66479	0.2612074	0.28083168	2.3094328	21	9 17.4	19.1
94956 2001 YD_{92}	15.8	X	268.73722	335.87000	38.47789	2.66515	0.2274748	0.27989514	2.3145815	21	5 30.9	19.0
94957 2001 YM_{95}	16.2	X	94.07456	82.75316	71.74199	7.47847	0.0493839	0.27233134	2.3572427	21	5 24.4	19.1
94958 2001 YP_{95}	16.1	X	256.71977	316.04397	47.14407	6.17465	0.1354272	0.27670682	2.3323272	21	5 13.4	19.4
94959 2001 YH_{97}	15.9	X	319.27983	79.84954	100.06225	2.31135	0.1338979	0.25884328	2.4384365	21	—	—
94960 2001 YU_{97}	16.0	X	230.99708	153.65802	92.22003	3.59527	0.1486934	0.25675250	2.4516564	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
94961 2001 YJ_{101}	15.7	X	200.12819	293.27573	266.94018	4.81281	0.0952358	0.24381354	2.5376448	21	11 30.1	19.4
94962 2001 YJ_{104}	15.9	X	142.46309	320.18897	135.71413	3.30551	0.0529374	0.27081962	2.3660067	21	5 9.3	18.9
94963 2001 YP_{104}	15.9	X	23.35282	285.58739	138.24264	4.04317	0.0606198	0.25090373	2.4896099	21	—	—
94964 2001 YU_{104}	16.6	X	22.98365	171.54759	200.73200	1.59963	0.1983674	0.29671100	2.2262825	21	—	—
94965 2001 YG_{105}	15.7	X	352.92200	290.06357	126.74194	4.97948	0.0678361	0.24537566	2.5268632	21	12 30.2	18.8
94966 2001 YR_{105}	15.6	X	88.02228	340.23881	112.14861	5.49849	0.0390602	0.21234332	2.7825543	21	2 27.4	19.2
94967 2001 YH_{106}	15.2	X	124.65899	18.71906	120.93989	12.27260	0.0157362	0.22376386	2.6870521	21	6 13.2	19.0
94968 2001 YX_{106}	15.9	X	291.97575	307.86595	122.72384	8.09550	0.0951499	0.28868834	2.2673395	21	10 24.0	18.3
94969 2001 YR_{107}	16.1	X	202.37460	191.39282	229.38755	3.40934	0.1424741	0.27520334	2.3408141	21	6 1.5	19.6
94970 2001 YY_{107}	15.9	X	153.24288	134.87561	263.32065	3.50089	0.1047491	0.26476206	2.4019587	21	3 8.8	19.2
94971 2001 YW_{109}	16.1	X	90.86098	315.31793	95.10582	8.42955	0.2082374	0.25934402	2.4352967	21	1 19.7	18.4
94972 2001 YY_{109}	15.0	X	4.85724	75.17782	310.46634	6.57070	0.2416335	0.29529994	2.2333689	21	—	—
94973 2001 YQ_{111}	16.1	X	150.23009	90.00333	4.60097	6.14592	0.1919638	0.27216415	2.3582080	21	5 26.2	19.8
94974 2001 YO_{112}	15.9	X	257.36812	270.27715	166.92554	6.28551	0.0787484	0.28417712	2.2912720	21	9 5.9	18.5
94975 2001 YP_{112}	15.7	X	37.73428	179.37611	185.83066	6.65960	0.1527747	0.29564185	2.2316467	21	—	—
94976 2001 YF_{113}	16.0	X	158.19246	301.14452	56.61660	7.31925	0.1299364	0.26042981	2.4285232	21	1 29.0	19.5
94977 2001 YU_{113}	16.5	X	113.53073	114.82784	40.16852	2.85623	0.1444109	0.27373867	2.3491565	21	7 4.8	19.8
94978 2001 YH_{114}	16.9	X	181.68615	292.50128	166.18714	3.10078	0.1457972	0.27999520	2.3140300	21	6 30.8	20.4
94979 2001 YZ_{114}	16.2	X	103.91095	150.95709	242.53863	1.98268	0.1074065	0.31095964	2.1577446	21	—	—
94980 2001 YN_{115}	15.4	X	153.03738	259.20598	311.46995	10.46016	0.1183110	0.23515225	2.5995806	21	10 18.1	19.7
94981 2001 YV_{115}	15.2	X	120.81666	90.72344	97.31189	9.87575	0.0431424	0.22722623	2.6596862	21	8 17.3	18.9
94982 2001 YA_{116}	14.9	X	99.42018	305.52650	319.38277	14.01785	0.0825136	0.23549153	2.5970832	21	10 26.2	18.9
94983 2001 YR_{116}	16.4	X	216.17883	314.49271	105.86912	4.80954	0.1202606	0.27711347	2.3300449	21	6 16.5	19.6
94984 2001 YT_{116}	16.1	X	128.51236	255.00856	209.79698	3.97830	0.1034877	0.26974066	2.3723118	21	5 9.4	19.1
94985 2001 YF_{117}	16.2	X	177.82502	29.14986	15.89026	2.78305	0.1759173	0.27081420	2.3660382	21	4 18.3	19.8
94986 2001 YE_{118}	15.4	X	148.03756	337.33448	87.26948	3.69185	0.1525050	0.26829612	2.3808194	21	4 14.8	18.9
94987 2001 YK_{118}	16.5	X	180.66676	354.18567	82.62320	3.98319	0.1446717	0.27410184	2.3470810	21	5 31.9	20.0
94988 2001 YU_{119}	16.4	X	142.37354	232.89867	208.66311	4.17142	0.0718460	0.27154408	2.3617966	21	4 20.2	19.4
94989 2001 YJ_{120}	16.6	X	80.88693	287.24857	99.79615	1.89641	0.1149144	0.30759264	2.1734622	21	—	—
94990 2001 YQ_{120}	16.1	X	151.49033	327.97457	81.96027	3.69123	0.1768329	0.26704883	2.3882270	21	4 1.9	19.7
94991 2001 YC_{122}	15.5	X	115.72690	172.90060	26.61925	6.97412	0.1361536	0.28342547	2.2953212	21	9 8.7	18.8
94992 2001 YE_{128}	15.4	X	320.54642	334.88171	340.92645	4.95523	0.1129257	0.28085154	2.3093239	21	6 9.3	17.8
94993 2001 YL_{128}	15.7	X	234.81328	271.51107	52.38784	8.22351	0.1503859	0.27014354	2.3699526	21	3 4.3	19.5
94994 2001 YM_{128}	16.2	X	152.32508	321.52312	44.56984	6.83822	0.1284299	0.26423149	2.4051731	21	2 1.6	19.6
94995 2001 YX_{132}	15.7	X	318.88818	283.08086	355.22554	11.41132	0.1580816	0.27573378	2.3378110	21	4 1.3	18.4
94996 2001 YP_{133}	16.5	X	261.40611	30.44551	245.03245	2.81661	0.0736436	0.26646362	2.3917224	21	1 29.4	19.8
94997 2001 YH_{137}	15.9	X	325.62225	251.07303	66.02350	7.78737	0.1341068	0.27969119	2.3157066	21	6 17.9	18.0
94998 2001 YL_{138}	15.0	X	182.02539	337.19506	271.01000	13.02148	0.1078313	0.24549892	2.5260173	21	—	—
94999 2001 YS_{138}	16.1	X	355.65822	339.08091	306.50967	1.63136	0.0703130	0.22479607	2.6788203	21	7 1.7	19.3
95000 2001 YO_{139}	15.8	X	312.93678	259.35353	203.86105	8.00301	0.0487564	0.29605154	2.2295874	21	—	—
95001 2001 YG_{141}	16.0	X	85.47030	31.94497	209.27570	5.95924	0.0735328	0.28653896	2.2786639	21	9 17.6	18.9
95002 2001 YM_{145}	15.4	X	89.75759	116.71633	154.17928	5.17208	0.1538227	0.23567161	2.5957600	21	11 8.2	19.3
95003 2001 YA_{150}	14.9	X	77.31266	178.74462	57.62874	13.75493	0.1442079	0.23070488	2.6328828	21	9 15.7	18.8
95004 2001 YS_{151}	16.2	X	233.14893	336.84580	36.71085	7.73067	0.1690366	0.27628596	2.3346951	21	4 29.2	19.7
95005 2001 YY_{154}	15.5	X	202.22886	194.40832	54.16207	15.06378	0.1152840	0.25397193	2.4695182	21	—	—
95006 2002 AQ	15.7	X	20.45198	183.33918	349.72684	4.38546	0.2362955	0.26050428	2.4280604	21	2 16.9	17.1
95007 2002 AR	15.8	X	196.02500	326.47094	91.37414	3.16219	0.2058695	0.27470059	2.3436692	21	5 22.0	19.6
95008 Ivanobertini	16.1	X	78.66619	184.51130	144.44127	9.03299	0.2234682	0.30207965	2.1998264	21	—	—
95009 2002 AJ_1	16.0	X	195.56980	285.70339	129.43278	10.76166	0.0594976	0.27696231	2.3308926	21	5 21.7	19.3
95010 2002 AR_1	15.9	X	131.14026	298.15795	122.02826	2.25696	0.1621627	0.26529736	2.3987267	21	3 22.0	19.1
95011 2002 AS_1	15.9	X	117.85379	7.26870	129.12963	3.01682	0.0422644	0.27162058	2.3613531	21	5 31.3	18.8
95012 2002 AT_1	16.3	X	145.58731	323.71748	156.29914	2.26913	0.1580888	0.27342539	2.3509505	21	6 23.5	19.9
95013 2002 AU_1	15.6	X	40.94040	345.55401	150.51230	1.62479	0.1368189	0.26032533	2.4291729	21	2 8.6	17.7
95014 2002 AL_3	15.9	X	247.92585	269.97419	2.00313	4.89414	0.1470672	0.26416495	2.4055770	21	1 9.0	19.6
95015 2002 AS_3	15.7	X	198.77145	139.51351	311.83886	3.75664	0.1770107	0.27769982	2.3267639	21	7 7.7	19.2
95016 Kimjeongho	16.1	X	289.28049	203.12289	135.99964	2.76253	0.0943761	0.22190310	2.7020527	21	6 1.0	19.7
95017 2002 AX_9	16.0	X	155.76956	335.15704	127.91430	2.86054	0.1861217	0.27262150	2.3555698	21	6 12.9	19.7
95018 2002 AZ_9	15.0	X	141.41269	69.59542	317.08435	8.88497	0.2661724	0.26235118	2.4166516	21	2 27.0	18.7
95019 2002 AR_{10}	15.9	X	92.88517	245.57255	131.89110	6.94248	0.1437840	0.25486346	2.4637559	21	—	—
95020 Nencini	15.5	X	295.84655	296.92764	132.24266	7.27586	0.1464044	0.23723692	2.5843294	21	10 11.8	18.4
95021 2002 AE_{14}	16.0	X	178.57856	112.33479	352.66294	5.72012	0.1984651	0.27356728	2.3501376	21	7 7.4	19.8
95022 2002 AG_{14}	15.6	X	223.24190	46.20025	94.79786	3.46419	0.0749139	0.23164761	2.6257347	21	10 15.1	19.2
95023 2002 AE_{16}	15.7	X	299.18491	223.95233	207.69687	5.14208	0.1273432	0.28900805	2.2656671	21	10 31.1	17.7
95024 Ericaellingson	15.5	X	14.81039	8.48395	207.89445	8.28686	0.0545094	0.27326831	2.3518514	21	4 19.9	17.9
95025 2002 AV_{20}	17.0	X	182.99157	316.19945	93.78549	3.08946	0.2251172	0.27324204	2.3520021	21	5 1.8	20.9
95026 2002 AG_{21}	16.6	X	20.79785	315.56070	53.38135	2.71000	0.2251758	0.29504612	2.2346496	21	—	—
95027 2002 AG_{23}	16.0	X	133.76632	196.01528	201.62622	4.20224	0.1458511	0.26360482	2.4089834	21	2 19.1	19.2
95028 2002 AY_{23}	16.3	X	189.62966	211.78258	211.44542	1.98165	0.1441623	0.27350984	2.3504666	21	5 22.9	19.9
95029 2002 AA_{24}	16.5	X	130.30016	237.01548	211.04674	1.87800	0.1579274	0.26806602	2.3821816	21	4 25.3	19.9
95030 2002 AP_{25}	15.6	X	206.09914	342.01796	142.03497	12.72617	0.1400498	0.23115664	2.6294513	21	8 27.9	19.6
95031 2002 AV_{26}	15.5	X	102.46832	171.69542	259.87536	1.86191	0.1730460	0.26222639	2.4174182	21	2 28.5	18.3
95032 2002 AW_{26}	15.5	X	350.04900	280.90976	96.01071	6.47835	0.2045148	0.28996889	2.2606593	21	11 28.2	17.1
95033 2002 AX_{26}	15.4	X	262.34733	315.24679	222.08521	4.79628	0.1607723	0.24366031	2.5387086	21	—	—
95034 2002 AY_{26}	14.9	X	74.24449	269.00089	299.06464	10.55075	0.1740968	0.22168579	2.7038181	21	7 30.7	18.5
95035 2002 AA_{27}	15.8	X	233.77846	298.50776	139.16324	4.13858	0.1602855	0.28108073	2.3080683	21	7 25.9	18.9
95036 2002 AC_{27}	15.7	X	179.00431	159.32481	290.12012	5.27066	0.2326722	0.27556790	2.3387491	21	6 16.9	19.5
95037 2002 AF_{27}	15.3	X	224.23000	344.79238	138.27182	14.07755	0.1181607	0.23030656	2.6359177	21	9 19.6	19.2
95038 2002 AN_{27}	15.4	X	149.72762	183.44112	329.95974	11.01416	0.0929405	0.22777230	2.6554336	21	8 8.4	19.3
95039 2002 AO_{27}	16.5	X	201.92300	65.82541	14.63779	5.90259	0.1071858	0.27748421	2.3279691	21	6 29.0	19.9
95040 2002 AC_{28}	16.0	X	82.32151	45.33448	68.49339	3.18307	0.1391173	0.26392457	2.4070374	21	3 25.9	18.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95041 2002 AY_{30}	15.8	X	221.03520	48.56696	309.21216	5.92275	0.2742069	0.27142230	2.3625030	21	3 23.9	20.1
95042 2002 AH_{31}	15.7	X	172.04955	31.64054	107.48763	7.67456	0.1910906	0.27710174	2.3301107	21	8 15.8	19.4
95043 2002 AU_{33}	16.2	X	84.40904	185.37872	119.94302	5.75996	0.2422142	0.24271348	2.5453067	21	12 21.9	20.5
95044 2002 AP_{35}	16.5	X	112.38881	170.25669	270.42442	4.98941	0.0961179	0.26677022	2.3898895	21	3 11.9	19.5
95045 2002 AM_{36}	15.9	X	283.19179	225.98537	167.40220	6.21845	0.2028605	0.28592406	2.2819297	21	7 19.3	18.5
95046 2002 AY_{36}	15.2	X	173.15388	69.45418	105.07647	15.30637	0.0750074	0.23632627	2.5909640	21	10 7.6	19.3
95047 2002 AL_{37}	15.2	X	188.42627	348.94191	126.20086	10.25641	0.0419636	0.22997100	2.6384812	21	8 1.0	18.9
95048 2002 AE_{40}	16.1	X	341.38818	297.63592	156.33590	3.10392	0.0785403	0.24718412	2.5145233	21	—	—
95049 2002 AQ_{41}	15.5	X	54.59087	284.11879	291.69694	3.79182	0.0654026	0.22165810	2.7040433	21	6 26.6	18.7
95050 2002 AU_{42}	15.9	X	285.35868	178.48668	114.80497	7.64353	0.1231206	0.26880115	2.3778364	21	3 20.2	19.1
95051 2002 AD_{45}	16.2	X	26.34870	240.23782	120.58511	2.99797	0.0481233	0.24182293	2.5515518	21	11 30.9	19.5
95052 2002 AS_{45}	16.7	X	265.96172	228.51406	131.15603	3.82660	0.1819993	0.27740494	2.3284125	21	5 15.2	20.1
95053 2002 AF_{46}	15.6	X	341.55754	91.69792	145.88097	3.87887	0.0220874	0.21698517	2.7427276	21	4 10.1	19.1
95054 2002 AF_{48}	15.5	X	1.14514	353.53994	240.51369	3.27998	0.0586276	0.21823645	2.7322338	21	4 28.9	18.8
95055 2002 AL_{50}	16.6	X	296.28516	121.82682	242.01505	1.14027	0.2607336	0.28247950	2.3004427	21	6 15.8	18.9
95056 2002 AS_{50}	15.3	X	298.64924	177.48698	129.96877	11.76307	0.1060193	0.22009618	2.7168211	21	5 4.9	19.1
95057 2002 AF_{53}	16.3	X	191.53183	169.49177	221.28890	2.09297	0.1517883	0.26983794	2.3717416	21	4 12.2	20.0
95058 2002 AM_{58}	14.9	X	163.50085	118.49757	130.57048	11.79250	0.0988230	0.19053502	2.9910214	21	12 14.2	19.7
95059 2002 AH_{59}	15.2	X	105.72598	329.20585	305.49228	3.51304	0.1271971	0.23635967	2.5907199	21	11 24.3	19.1
95060 2002 AJ_{59}	15.3	X	235.78590	184.16078	304.04680	12.07072	0.1391395	0.23572531	2.5953657	21	9 27.1	19.3
95061 2002 AR_{59}	15.4	X	175.92326	251.70632	291.53758	4.31263	0.0516924	0.23399180	2.6081684	21	10 12.2	19.3
95062 2002 AW_{59}	15.0	X	179.76309	143.88736	131.16921	4.01508	0.1196315	0.24661339	2.5184014	21	—	—
95063 2002 AV_{61}	15.5	X	175.22592	281.42322	154.53056	2.53270	0.1839533	0.27217967	2.3581183	21	5 26.9	19.2
95064 2002 AD_{62}	16.5	X	105.84890	178.14619	255.97356	0.47748	0.1905806	0.26219629	2.4176032	21	3 12.3	19.4
95065 2002 AG_{63}	15.6	X	349.61751	120.82804	309.56307	3.17761	0.1409642	0.24415184	2.5353001	21	—	—
95066 2002 AH_{63}	15.4	X	24.42824	66.81483	314.15807	7.14772	0.2155279	0.29382666	2.2408283	21	—	—
95067 2002 AZ_{63}	15.2	X	100.03440	354.41977	142.15942	11.98384	0.1862918	0.26665616	2.3905710	21	5 31.9	18.6
95068 2002 AD_{65}	16.6	X	196.44472	275.76383	157.12876	4.89641	0.1478978	0.27419036	2.3465758	21	6 11.9	20.3
95069 2002 AM_{65}	15.1	X	284.90118	218.87221	144.20157	14.73778	0.0362424	0.22333834	2.6904641	21	7 6.3	18.8
95070 2002 AQ_{65}	14.1	X	157.69823	198.30036	325.26978	21.39469	0.0081177	0.22635942	2.6664718	21	8 24.6	17.6
95071 2002 AT_{66}	16.6	X	306.09669	224.94122	143.42929	6.30526	0.1761297	0.28422828	2.2909970	21	7 25.7	18.6
95072 2002 AW_{66}	15.5	X	314.85298	43.68954	242.41908	2.71126	0.1815785	0.22025653	2.7155023	21	4 11.3	18.9
95073 2002 AP_{70}	15.7	X	344.62213	152.11477	22.53351	1.84972	0.0626717	0.26134814	2.4228309	21	1 6.4	18.4
95074 2002 AW_{70}	15.7	X	16.27216	238.16571	291.91891	2.48248	0.0696027	0.26464828	2.4026472	21	2 14.3	18.4
95075 2002 AC_{72}	16.0	X	237.99137	317.04581	11.79028	2.31218	0.2227696	0.27170934	2.3608388	21	3 6.5	20.0
95076 2002 AS_{72}	16.0	X	138.17292	299.66693	76.16387	8.21908	0.1251689	0.26303291	2.4124741	21	1 27.6	19.2
95077 2002 AO_{73}	17.0	X	238.13703	50.29024	352.09784	2.19196	0.1485758	0.27958911	2.3162701	21	6 13.5	20.4
95078 2002 AP_{76}	16.0	X	15.14230	18.17051	329.85825	5.00662	0.1419698	0.29090467	2.2558086	21	11 18.9	18.4
95079 2002 AO_{78}	16.9	X	230.67906	93.45518	331.20109	3.07125	0.1612591	0.27999584	2.3140265	21	7 5.2	20.1
95080 2002 AZ_{80}	16.0	X	81.55227	259.83220	148.87374	6.66892	0.0684354	0.25943108	2.4347519	21	—	—
95081 2002 AK_{82}	16.0	X	129.37578	345.53014	208.96824	5.93480	0.0757165	0.28385222	2.2930200	21	9 7.7	19.1
95082 2002 AS_{83}	15.5	X	295.58072	13.63301	159.83148	7.50886	0.0781625	0.25195779	2.4826616	21	—	—
95083 2002 AZ_{85}	16.5	X	117.62599	173.73230	244.42250	4.46898	0.2122083	0.26437556	2.4042992	21	3 6.9	19.8
95084 2002 AG_{87}	15.2	X	239.02263	31.31729	141.87285	10.83088	0.0933598	0.24288322	2.5441207	21	12 13.9	18.7
95085 2002 AJ_{87}	15.5	X	40.91255	210.30059	140.41114	12.50481	0.0620796	0.24174063	2.5521309	21	12 10.8	19.1
95086 2002 AJ_{89}	15.7	X	15.65749	92.32484	234.64938	4.61779	0.1960548	0.28788254	2.2715685	21	10 28.8	17.7
95087 2002 AQ_{89}	14.7	X	248.65098	306.79320	141.64134	22.83226	0.2851725	0.28424602	2.2909017	21	8 11.5	18.1
95088 2002 AC_{96}	16.7	X	136.05219	0.71649	25.14571	3.30511	0.1921800	0.26278161	2.4140119	21	2 15.6	20.0
95089 2002 AZ_{97}	16.3	X	336.94103	3.72794	355.75937	3.45118	0.2089923	0.28711461	2.2756171	21	9 21.8	17.6
95090 2002 AF_{99}	15.3	X	176.29494	240.28059	325.92519	6.90106	0.1452334	0.23746303	2.5826886	21	11 6.0	19.5
95091 2002 AM_{99}	15.4	X	339.62384	155.26176	108.18827	12.28460	0.0549317	0.21940661	2.7225106	21	5 11.9	19.0
95092 2002 AC_{100}	15.7	X	352.23125	317.31092	93.42414	7.15414	0.0789798	0.24348450	2.5399305	21	12 21.7	18.7
95093 2002 AB_{101}	16.0	X	155.76671	189.17767	64.97159	2.29451	0.1035000	0.24337922	2.5406630	21	12 19.7	19.9
95094 2002 AM_{102}	15.7	X	305.94950	333.21316	337.30070	5.70605	0.0723258	0.22276821	2.6950526	21	5 17.5	19.2
95095 2002 AH_{105}	14.9	X	82.38635	356.57936	298.55637	15.03508	0.1946320	0.23879892	2.5730475	21	12 2.4	19.1
95096 2002 AM_{105}	15.5	X	20.59856	50.35571	302.48894	5.18012	0.2349482	0.29238249	2.2482010	21	12 22.4	17.9
95097 2002 AW_{106}	16.6	X	159.98768	325.99902	92.87130	3.38676	0.1668353	0.26946665	2.3739198	21	4 20.5	20.2
95098 2002 AB_{111}	16.6	X	187.69303	7.67508	33.29158	1.80455	0.1814756	0.27082995	2.3659465	21	4 22.6	20.4
95099 2002 AK_{111}	14.2	X	61.55069	292.44326	307.63900	12.02253	0.2020722	0.17385220	3.1794298	21	8 24.3	18.5
95100 2002 AF_{112}	15.9	X	160.20227	340.61361	98.32552	1.87372	0.1919110	0.27140013	2.3626316	21	5 17.1	19.5
95101 2002 AH_{113}	16.4	X	211.40790	290.90857	102.22362	3.54800	0.2362817	0.27371447	2.3492949	21	5 3.9	20.4
95102 2002 AS_{113}	16.6	X	216.03415	286.75178	102.42835	3.57823	0.1533601	0.27363268	2.3497631	21	5 5.2	20.3
95103 2002 AP_{114}	16.4	X	230.37562	288.71514	87.26795	3.82770	0.1858435	0.27362681	2.3497967	21	4 30.3	20.0
95104 2002 AN_{116}	16.1	X	223.18464	279.95545	125.98077	5.12060	0.1531720	0.27547099	2.3392976	21	6 3.1	19.7
95105 2002 AY_{116}	15.3	X	276.56019	353.13244	121.63489	8.75113	0.1298713	0.23998525	2.5645609	21	11 15.3	18.4
95106 2002 AP_{117}	15.9	X	223.87780	327.77133	62.60762	1.79157	0.1947706	0.27349279	2.3505642	21	5 11.3	19.6
95107 2002 AJ_{118}	15.3	X	119.08255	41.35228	99.81197	4.49003	0.1940062	0.27067048	2.3668757	21	6 27.5	18.6
95108 2002 AL_{118}	15.6	X	333.63608	322.54320	125.38567	13.51095	0.1185601	0.24428123	2.5344048	21	—	—
95109 2002 AP_{118}	16.5	X	175.75953	116.70855	320.50009	2.08602	0.1733379	0.27206922	2.3587565	21	5 27.7	20.1
95110 2002 AR_{118}	16.0	X	111.49933	324.44066	114.30734	3.38714	0.1714517	0.26318551	2.4115414	21	3 25.0	19.1
95111 2002 AV_{120}	16.0	X	147.02243	289.48246	98.96798	5.61458	0.2055013	0.26315618	2.4117206	21	3 4.9	19.6
95112 2002 AE_{121}	16.1	X	252.89554	285.20573	88.82575	4.40210	0.1770159	0.27553547	2.3389326	21	5 20.3	19.4
95113 2002 AG_{121}	14.6	X	116.84613	258.81072	326.16479	6.51042	0.1183786	0.18036473	3.1024275	21	9 27.4	19.4
95114 2002 AM_{121}	15.1	X	103.29772	284.70641	322.80846	10.29913	0.1528864	0.23120105	2.6291145	21	10 16.5	19.3
95115 2002 AK_{122}	15.0	X	143.08991	207.11339	319.05744	11.29549	0.1270617	0.22616679	2.6679857	21	8 17.3	19.0
95116 2002 AP_{122}	16.1	X	111.19818	92.85843	6.43713	2.08846	0.1004766	0.26525038	2.3990099	21	4 8.5	19.0
95117 2002 AQ_{122}	14.9	X	63.17651	328.76239	323.59487	11.07785	0.1116891	0.23309772	2.6148334	21	10 23.1	18.6
95118 2002 AL_{124}	16.2	X	258.75365	272.85118	103.82133	6.61512	0.1650064	0.27626740	2.3347997	21	6 1.0	19.5
95119 2002 AB_{126}	15.7	X	115.59349	8.18570	95.24274	4.20036	0.1871694	0.26569333	2.3963428	21	5 4.3	19.0
95120 2002 AW_{127}	14.8	X	48.45524	29.70372	141.46396	9.97921	0.0919437	0.21233098	2.7826621	21	4 24.1	18.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95121 2002 AL_{130}	15.7	X	117.04850	209.58354	100.94494	8.77575	0.0271770	0.24493118	2.5299193	21	—	—
95122 2002 AQ_{135}	16.8	X	197.08928	134.12898	235.38269	3.89749	0.2399437	0.27097688	2.3650912	21	3 21.7	20.9
95123 2002 AP_{139}	15.2	X	31.71810	348.11298	328.44155	13.90279	0.1567520	0.23349268	2.6118839	21	10 16.8	18.6
95124 2002 AK_{141}	16.7	X	262.40212	173.96981	174.70394	3.06015	0.1770177	0.27576648	2.3376262	21	4 26.7	19.9
95125 2002 AE_{143}	15.6	X	305.14058	251.69819	141.00469	6.63559	0.1205059	0.28642603	2.2792628	21	9 12.9	17.8
95126 2002 AZ_{148}	15.8	X	81.55347	257.72318	135.81972	7.25869	0.2246040	0.25394850	2.4696701	21	—	—
95127 2002 AL_{150}	15.5	X	36.43421	163.38922	102.71779	3.57227	0.0988947	0.22735545	2.6586784	21	8 13.9	18.7
95128 2002 AR_{152}	15.4	X	43.97220	251.17347	326.64914	6.46337	0.0265759	0.21974723	2.7196965	21	6 8.3	19.0
95129 2002 AQ_{153}	16.1	X	238.06191	281.80549	129.33068	5.38849	0.2155874	0.27807098	2.3246930	21	6 19.5	19.7
95130 2002 AH_{155}	15.6	X	56.81309	117.37989	350.40560	6.50240	0.1039624	0.25730593	2.4481396	21	1 29.6	18.1
95131 2002 AK_{155}	16.1	X	164.28056	323.88555	85.05681	2.52041	0.1811683	0.26616593	2.3935054	21	4 12.7	19.8
95132 2002 AO_{155}	14.6	X	141.62104	40.01795	141.30764	12.24365	0.1342677	0.17516490	3.1635253	21	9 3.6	19.6
95133 2002 AB_{156}	15.9	X	301.16280	127.03868	342.74566	7.78546	0.1009298	0.24159442	2.5531605	21	12 19.2	18.9
95134 2002 AN_{156}	15.6	X	27.38441	9.74176	276.55025	11.48961	0.1303951	0.23078362	2.6322839	21	8 25.2	18.8
95135 2002 AM_{158}	16.1	X	250.73783	318.40494	172.79718	4.28334	0.1440611	0.23836426	2.5761746	21	10 27.0	19.4
95136 2002 AD_{159}	15.4	X	108.89652	273.46731	290.42974	5.40252	0.1178416	0.22612147	2.6683422	21	8 27.3	19.3
95137 2002 AH_{159}	16.1	X	256.37249	264.83887	172.19599	1.77967	0.1719307	0.28380055	2.2932984	21	8 19.9	19.0
95138 2002 AD_{160}	15.7	X	22.26226	66.66874	185.15612	1.78027	0.0218450	0.22213828	2.7001451	21	6 24.1	19.3
95139 2002 AF_{160}	16.0	X	265.76765	303.24839	149.33898	3.61859	0.1087485	0.23543718	2.5974829	21	9 30.8	19.3
95140 2002 AB_{162}	16.4	X	190.17180	237.44815	146.61386	1.71385	0.1972515	0.26788919	2.3832298	21	4 4.6	20.3
95141 2002 AG_{162}	16.1	X	256.38979	248.90035	136.00761	5.81160	0.1427814	0.27641218	2.3339843	21	6 12.1	19.4
95142 2002 AF_{163}	16.0	X	334.95571	258.79448	150.47146	6.91315	0.1720176	0.29124538	2.2540490	21	12 12.9	17.8
95143 2002 AQ_{164}	16.3	X	45.06062	264.72301	159.19282	3.12044	0.1790465	0.25197714	2.4825345	21	—	—
95144 2002 AG_{165}	16.4	X	7.04662	239.32798	171.63331	4.49262	0.1562921	0.24522321	2.5279104	21	—	—
95145 2002 AQ_{165}	16.3	X	163.92845	203.07334	206.03388	1.79846	0.1832990	0.26705782	2.3881734	21	4 11.4	20.0
95146 2002 AV_{165}	15.3	X	306.12483	182.24427	276.09746	3.26641	0.2350034	0.24291448	2.5439024	21	12 1.9	17.4
95147 2002 AP_{166}	15.1	X	57.21867	285.25951	288.83467	7.09762	0.0983613	0.21916282	2.7245292	21	7 3.1	18.5
95148 2002 AH_{167}	15.4	X	309.85135	280.18541	153.16622	22.40785	0.0664866	0.23708893	2.5854047	21	11 20.6	19.1
95149 2002 AL_{167}	15.2	X	213.91559	13.96098	149.67914	13.14934	0.0796260	0.23501741	2.6005749	21	11 4.6	19.1
95150 2002 AQ_{167}	15.0	X	81.25060	286.59575	331.78511	14.02815	0.0607135	0.22769148	2.6560619	21	9 23.8	18.7
95151 2002 AU_{167}	15.7	X	277.12317	79.88085	314.38835	6.23179	0.2432713	0.28017427	2.3130439	21	7 6.9	18.5
95152 2002 AX_{167}	15.3	X	55.23774	316.88799	151.69258	22.42699	0.0917141	0.25595296	2.4567593	21	1 24.8	18.3
95153 2002 AP_{170}	16.3	X	199.62313	88.81605	33.73257	2.44505	0.1174305	0.23077599	2.6323419	21	8 20.9	20.3
95154 2002 AZ_{170}	16.2	X	140.57851	319.78186	305.29140	1.40213	0.0581548	0.24233468	2.5479584	21	12 17.8	19.8
95155 2002 AH_{175}	15.6	X	244.41875	42.20031	304.62914	4.76504	0.0188429	0.21736072	2.7395675	21	4 22.0	19.5
95156 2002 AK_{175}	15.7	X	74.57994	93.54073	129.69624	5.01120	0.0396351	0.22560634	2.6724024	21	7 31.6	19.2
95157 2002 AU_{175}	15.5	X	245.03881	244.16588	98.81450	5.74977	0.0678323	0.21755450	2.7379405	21	4 17.9	19.5
95158 2002 AZ_{177}	16.1	X	192.19336	289.68013	87.97476	3.65817	0.1403067	0.26635781	2.3923557	21	3 29.5	19.7
95159 2002 AE_{178}	15.6	X	72.66916	137.80319	127.51977	4.87508	0.0617410	0.23017061	2.6369555	21	9 29.9	19.1
95160 2002 AG_{178}	16.2	X	152.98665	291.71864	105.68093	4.10333	0.1661395	0.26397183	2.4067501	21	3 17.8	19.7
95161 2002 AS_{178}	14.9	X	84.57683	326.97569	330.93049	10.88774	0.1601859	0.23584927	2.5944563	21	12 3.4	19.0
95162 2002 AV_{178}	16.4	X	146.91141	31.83341	39.24896	1.66460	0.1722949	0.26726858	2.3869177	21	4 22.4	19.9
95163 2002 AZ_{178}	16.0	X	119.53093	83.15556	337.04023	1.98787	0.1669487	0.26175483	2.4203207	21	3 7.9	18.9
95164 2002 AB_{179}	15.3	X	15.47135	128.96079	126.61641	3.38752	0.0228023	0.22057771	2.7128658	21	6 19.7	18.8
95165 2002 AH_{180}	15.8	X	49.29866	344.26481	290.07350	3.68538	0.1088252	0.23171591	2.6252186	21	9 13.3	19.0
95166 2002 AO_{183}	15.6	X	162.98516	261.10710	303.82621	3.40994	0.1480477	0.23776486	2.5805024	21	10 24.2	19.7
95167 2002 AT_{184}	15.0	X	354.18976	286.22406	82.61278	13.52919	0.1638039	0.23760788	2.5816389	21	11 8.4	17.7
95168 2002 AX_{185}	16.8	X	163.22601	267.40065	93.95288	4.12808	0.1460853	0.26332681	2.4106787	21	2 7.9	20.2
95169 2002 AC_{186}	16.7	X	264.97471	37.39479	19.50350	4.46108	0.2256181	0.28516458	2.2859795	21	7 27.2	19.6
95170 2002 AL_{187}	15.5	X	343.20340	319.09841	29.09002	7.71850	0.1403849	0.28363622	2.2941841	21	9 20.2	17.4
95171 2002 AT_{188}	15.9	X	282.77249	139.33620	219.60966	5.84062	0.1732651	0.27777243	2.3263584	21	6 4.5	18.9
95172 2002 AZ_{190}	15.6	X	285.23109	270.14471	169.70953	21.54309	0.1510146	0.23819402	2.5774019	21	10 7.7	18.7
95173 2002 AD_{191}	14.1	X	225.15368	120.93008	114.64248	11.64794	0.0601380	0.19173358	2.9785433	21	—	—
95174 2002 AD_{192}	16.1	X	138.67062	34.76983	303.38990	0.62276	0.2383451	0.25679725	2.4513715	21	—	—
95175 2002 AJ_{192}	15.1	X	301.21314	144.47984	110.03049	11.15485	0.2012273	0.21175409	2.7877138	21	2 13.7	19.2
95176 2002 AJ_{196}	14.8	X	338.93067	3.79684	261.51725	12.02888	0.1422203	0.21536790	2.7564412	21	4 26.1	18.1
95177 2002 AT_{197}	15.6	X	120.90719	21.30662	0.47097	12.31089	0.2063970	0.25959082	2.4337530	21	1 29.0	18.9
95178 2002 AD_{202}	15.2	X	327.22082	348.96056	120.02083	11.07787	0.1680317	0.24299580	2.5433348	21	—	—
95179 Berko	16.5	X	201.33370	200.53975	155.33487	1.79034	0.1968268	0.26587546	2.3952483	21	3 10.0	20.3
95180 2002 BJ_{4}	16.1	X	150.23767	41.63139	35.90958	9.92328	0.1871701	0.27076615	2.3663182	21	5 4.3	19.8
95181 2002 BP_{4}	15.3	X	183.29837	4.17241	29.55166	14.04754	0.2013694	0.27053112	2.3676885	21	4 11.5	19.1
95182 2002 BZ_{4}	15.6	X	57.99609	214.18994	346.54734	12.75864	0.1288718	0.22005482	2.7171615	21	6 20.2	19.2
95183 2002 BB_{9}	15.3	X	193.67773	327.74552	135.51273	12.83735	0.1524422	0.22643341	2.6658909	21	7 17.9	19.6
95184 2002 BL_{10}	16.5	X	136.78767	85.08117	343.26119	4.14520	0.2700326	0.26631476	2.3926136	21	4 16.5	20.2
95185 2002 BN_{10}	16.2	X	127.37192	117.37860	336.47531	4.42877	0.1705056	0.26631411	2.3926174	21	4 29.4	19.6
95186 2002 BT_{10}	15.5	X	106.85875	30.64504	89.04933	3.10907	0.1588288	0.26602827	2.3943310	21	5 11.0	18.5
95187 2002 BD_{11}	15.0	X	345.84899	33.61200	148.64555	15.73398	0.0794837	0.20413997	2.8566082	21	1 28.1	18.7
95188 2002 BK_{11}	14.6	X	168.95314	84.18806	147.21886	4.26078	0.2141597	0.18566266	3.0431241	21	11 24.9	19.8
95189 2002 BM_{11}	16.2	X	285.63405	259.47736	159.98808	1.75987	0.1564277	0.28468280	2.2885579	21	9 11.1	18.5
95190 2002 BZ_{11}	16.1	X	91.03905	264.49417	169.12040	1.17664	0.1617140	0.25917373	2.4363634	21	2 13.4	18.8
95191 2002 BB_{12}	16.0	X	36.97802	161.17811	311.42726	1.75035	0.1353605	0.25569546	2.4584084	21	—	—
95192 2002 BS_{12}	16.4	X	9.08937	230.40788	116.86022	3.71636	0.1330057	0.23554908	2.5966601	21	10 28.8	19.2
95193 2002 BU_{13}	15.3	X	15.29581	66.08334	168.19109	5.89073	0.0266030	0.21819842	2.7325513	21	5 22.7	18.9
95194 2002 BB_{14}	14.9	X	124.77494	309.39831	317.07348	16.46874	0.0546595	0.23758365	2.5818144	21	11 28.5	19.0
95195 2002 BB_{16}	15.2	X	4.44440	278.52412	359.17154	14.84434	0.1341848	0.22257375	2.6966221	21	7 9.6	18.4
95196 2002 BS_{16}	14.7	X	179.44670	36.27294	217.88315	2.08759	0.1593590	0.18993986	2.9972662	21	12 30.6	19.6
95197 2002 BV_{16}	15.6	X	82.13010	233.06564	326.03990	4.44189	0.0787608	0.22074325	2.7115092	21	7 15.7	19.1
95198 2002 BN_{17}	16.1	X	171.17207	252.69569	108.41340	4.83278	0.2276356	0.26414851	2.4056768	21	2 21.9	20.0
95199 2002 BD_{19}	14.8	X	114.01619	140.09368	141.05461	11.73143	0.1303484	0.18722039	3.0262208	21	12 5.9	19.7
95200 2002 BF_{19}	15.2	X	190.99531	130.83686	68.74466	8.53821	0.1318369	0.23724633	2.5842610	21	11 16.5	19.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95201 2002 BJ_{19}	15.3	X	285.94354	11.26211	117.29392	10.54959	0.0782889	0.24144577	2.5542083	21	12 22.7	18.3
95202 2002 BR_{21}	14.8	X	249.97073	327.53227	64.41073	24.77914	0.2015331	0.27607319	2.3358945	21	6 4.9	18.4
95203 2002 BU_{22}	14.4	X	236.18514	124.04208	56.23901	14.54070	0.1234034	0.24464527	2.5318900	21	12 12.6	17.8
95204 2002 BY_{22}	15.1	X	184.95108	72.05252	46.93076	12.55438	0.0376130	0.22963670	2.6410412	21	8 6.8	19.0
95205 2002 BR_{24}	16.2	X	124.02514	326.08218	93.81402	14.93351	0.2151740	0.26360823	2.4089627	21	3 27.9	20.0
95206 2002 BM_{25}	14.8	X	351.61267	301.13675	299.50264	7.94724	0.0933630	0.21253778	2.7808568	21	4 17.5	18.3
95207 2002 BG_{29}	14.4	X	80.91521	160.85198	98.19682	20.12427	0.2660570	0.17816311	3.1279336	21	10 29.2	19.7
95208 2002 BM_{31}	14.6	X	176.83393	153.27246	91.09470	11.41010	0.0529192	0.18865014	3.0109113	21	12 22.6	18.8
95209 2002 CW	14.9	X	142.39037	12.72623	262.63054	9.73962	0.0810586	0.19186192	2.9772149	21	12 23.1	19.3
95210 2002 CJ_{1}	14.8	X	24.23859	153.54284	37.70838	12.29761	0.1088137	0.21264820	2.7798941	21	4 10.9	17.9
95211 2002 CJ_{2}	15.2	X	73.70990	220.86811	108.90071	15.29788	0.2072236	0.24279047	2.5447686	21	—	—
95212 2002 CW_{3}	16.0	X	151.59020	343.39616	49.90175	5.03751	0.2264803	0.26335133	2.4105291	21	3 17.1	19.8
95213 2002 CN_{6}	15.1	X	95.30698	189.11870	337.42895	30.32541	0.1296471	0.22363239	2.6881051	21	7 4.6	19.5
95214 2002 CQ_{7}	14.5	X	299.01024	131.28860	133.49909	25.36460	0.1202544	0.21162457	2.7888510	21	3 8.7	18.6
95215 2002 CA_{8}	15.2	X	10.69676	149.07218	116.48376	13.34018	0.0878886	0.22036589	2.7146039	21	6 28.8	18.4
95216 2002 CU_{8}	16.0	X	332.64678	91.90450	266.94962	2.80874	0.1842477	0.28463749	2.2888007	21	9 6.9	17.5
95217 2002 CD_{11}	14.7	X	95.21666	146.42609	98.93263	2.63021	0.1225207	0.17758342	3.1347369	21	10 3.3	19.3
95218 2002 CO_{14}	15.6	X	255.01005	245.02741	323.66567	2.76786	0.0944827	0.24613979	2.5216308	21	—	—
95219 Borgman	15.3	X	254.87717	297.95771	155.37337	23.87040	0.0736142	0.17943954	3.1130824	21	9 17.9	19.8
95220 2002 CQ_{15}	14.9	X	211.22829	69.45169	141.75071	12.99071	0.1029113	0.24250358	2.5467752	21	12 26.1	18.6
95221 2002 CW_{15}	15.3	X	295.87374	0.63955	148.61490	10.70743	0.0273913	0.19320962	2.9633541	21	—	—
95222 2002 CZ_{16}	16.2	X	266.56695	357.23704	29.75490	3.23050	0.1092431	0.27978491	2.3151894	21	7 2.9	19.1
95223 2002 CU_{22}	15.6	X	46.57022	309.94453	332.34437	2.86569	0.0674772	0.22744463	2.6579834	21	9 14.8	18.8
95224 2002 CA_{23}	15.3	X	251.42197	307.70636	164.64061	13.57178	0.1361901	0.23664180	2.5886604	21	10 5.2	18.8
95225 2002 CH_{23}	15.5	X	282.94737	207.84763	217.38991	6.98754	0.1754193	0.23432693	2.6056810	21	9 3.3	18.7
95226 2002 CP_{23}	16.3	X	202.89198	205.51331	191.67460	5.78687	0.0949211	0.27196233	2.3593745	21	5 3.4	19.7
95227 2002 CO_{25}	16.5	X	336.87241	220.10056	179.20521	4.65492	0.2585855	0.29009358	2.2600114	21	12 10.9	17.7
95228 2002 CS_{29}	15.1	X	19.16255	249.53466	101.94283	14.28477	0.1871637	0.23898858	2.5716861	21	11 30.4	18.2
95229 2002 CA_{30}	15.7	X	247.30870	9.62640	37.66447	6.73461	0.1024137	0.27822203	2.3238515	21	7 7.9	18.8
95230 2002 CK_{30}	15.2	X	128.29250	168.37293	96.94649	8.47337	0.0964261	0.23853437	2.5749497	21	12 5.7	19.0
95231 2002 CL_{30}	15.7	X	86.16099	240.41134	113.62615	14.31825	0.0926501	0.24724121	2.5141362	21	—	—
95232 2002 CX_{31}	14.6	X	89.87658	234.96795	5.73247	7.32269	0.1775238	0.17787751	3.1312809	21	9 27.1	19.3
95233 2002 CS_{37}	15.1	X	68.41272	115.76794	127.97554	1.42826	0.1275304	0.17379294	3.1801527	21	8 30.3	19.5
95234 2002 CP_{38}	15.5	X	122.28801	275.05933	166.45136	3.85941	0.0722298	0.21168763	2.7882972	21	4 2.3	19.4
95235 2002 CL_{39}	15.3	X	198.72506	35.08105	228.98787	1.13253	0.0187122	0.19839285	2.9115128	21	—	—
95236 2002 CL_{40}	15.2	X	114.60895	350.51041	252.65960	11.34109	0.1283423	0.23359717	2.6111050	21	10 23.1	19.3
95237 2002 CO_{40}	14.7	X	200.69179	30.10221	257.67135	12.01484	0.0886521	0.20133690	2.8830608	21	—	—
95238 2002 CH_{43}	14.0	X	107.86664	70.15763	113.17497	20.22676	0.0925164	0.17010273	3.2259814	21	7 27.9	18.7
95239 2002 CH_{46}	15.4	X	169.59168	23.93143	177.28918	12.09821	0.1109926	0.23480538	2.6021402	21	10 30.6	19.5
95240 2002 CW_{47}	13.7	X	301.66722	116.65931	157.83688	15.33951	0.1272091	0.16276157	3.3221950	21	3 28.6	18.4
95241 2002 CF_{50}	15.2	X	242.96307	11.79110	173.49443	1.86852	0.0414063	0.19132568	2.9827753	21	12 29.1	19.4
95242 2002 CK_{51}	14.9	X	300.88134	212.68144	280.44361	1.29474	0.0790549	0.19200999	2.9756842	21	—	—
95243 2002 CL_{51}	15.1	X	342.21479	126.86413	170.77334	8.23808	0.0715618	0.21915172	2.7246212	21	6 26.5	18.5
95244 2002 CM_{51}	14.8	X	162.56257	328.55948	266.18368	0.75881	0.0576119	0.18515345	3.0487011	21	11 25.2	19.3
95245 2002 CV_{51}	14.5	X	128.72735	269.37159	337.86482	11.13895	0.0885483	0.18188942	3.0850657	21	10 31.8	19.5
95246 2002 CB_{52}	14.2	X	63.79412	274.46716	314.68371	0.84848	0.1860663	0.16950206	3.2335983	21	8 13.8	18.7
95247 Schalansky	14.2	X	50.50681	260.44308	347.44770	16.53006	0.1112442	0.16992585	3.2282196	21	8 13.3	18.6
95248 2002 CS_{54}	15.6	X	117.77771	292.51196	157.70308	3.39813	0.0364072	0.21245448	2.7815836	21	4 2.9	19.4
95249 2002 CC_{55}	15.0	X	182.74805	309.28887	272.27177	3.63395	0.0987919	0.18677402	3.0310405	21	11 28.7	19.7
95250 2002 CQ_{55}	15.5	X	122.39084	333.72986	173.02524	5.08174	0.1011394	0.21948403	2.7218704	21	6 28.6	19.5
95251 2002 CR_{55}	15.9	X	236.74654	122.37246	307.71022	3.26218	0.2254613	0.27892993	2.3199180	21	7 12.6	19.5
95252 2002 CW_{55}	14.5	X	133.75808	322.07706	162.79766	32.31677	0.0738625	0.21815419	2.7329206	21	6 14.6	19.2
95253 2002 CD_{56}	14.6	X	183.06240	233.49285	322.82601	10.18144	0.0827608	0.18313292	3.0710845	21	10 26.3	19.5
95254 2002 CM_{56}	15.5	X	168.33274	319.44018	156.51387	13.97340	0.0946683	0.22196671	2.7015364	21	7 8.7	19.8
95255 2002 CU_{56}	14.3	X	97.94752	204.65086	345.79529	6.37466	0.0969360	0.16920669	3.2373602	21	7 26.9	19.0
95256 2002 CZ_{57}	15.5	X	61.20063	117.35816	168.38903	9.91116	0.0570943	0.23222482	2.6213819	21	10 11.3	19.0
95257 2002 CD_{59}	14.8	X	116.75872	121.68380	167.13959	1.82975	0.0688807	0.18580740	3.0415435	21	12 11.6	19.4
95258 2002 CE_{59}	14.8	X	137.90056	23.13107	181.23983	0.76946	0.0811365	0.17753072	3.1353574	21	9 23.7	19.4
95259 2002 CG_{59}	16.4	X	62.41362	316.96162	152.64952	3.15596	0.1375733	0.25743290	2.4473346	21	2 11.8	18.8
95260 2002 CS_{59}	14.4	X	191.94848	126.30047	159.42099	13.67800	0.0920816	0.19524355	2.9427379	21	—	—
95261 2002 CD_{61}	14.4	X	155.95468	199.87255	26.16637	9.27303	0.2324771	0.18419837	3.0592304	21	11 6.7	19.8
95262 2002 CL_{61}	15.2	X	313.40290	342.32716	109.08303	13.69758	0.1459461	0.24261257	2.5460124	21	12 14.9	17.7
95263 2002 CW_{61}	16.0	X	35.49604	80.04354	39.67610	7.46663	0.1004251	0.25673777	2.4517501	21	1 8.5	18.6
95264 2002 CF_{63}	15.2	X	169.14523	5.20849	87.64098	9.45748	0.0195280	0.22038597	2.7144390	21	6 7.8	18.8
95265 2002 CT_{63}	14.7	X	194.96457	282.82860	23.85433	13.04409	0.1442572	0.20183887	2.8782787	21	1 14.3	19.6
95266 2002 CL_{64}	15.6	X	143.73675	296.63653	85.49447	9.89100	0.2245583	0.25992828	2.4316460	21	2 25.9	19.4
95267 2002 CQ_{66}	15.4	X	330.01384	298.66234	320.02663	8.13373	0.1973314	0.21477935	2.7614745	21	3 23.9	18.8
95268 2002 CB_{68}	16.2	X	310.75330	232.91503	134.77005	3.98620	0.2140818	0.28340711	2.2954203	21	7 27.5	17.9
95269 2002 CO_{68}	15.3	X	229.35524	210.54600	117.05534	5.51138	0.0643578	0.21271274	2.7793317	21	3 12.0	19.4
95270 2002 CQ_{68}	16.9	X	177.07971	25.77132	5.83928	1.31092	0.1898491	0.26791682	2.3830660	21	4 1.6	20.7
95271 2002 CH_{69}	15.6	X	187.17035	62.44768	331.36701	5.60442	0.0341516	0.21614549	2.7498263	21	4 11.5	19.6
95272 2002 CB_{70}	15.5	X	186.26933	95.43305	332.77236	8.56288	0.0639423	0.22123214	2.7075131	21	5 25.5	19.7
95273 2002 CR_{72}	15.4	X	141.53562	101.61234	132.53418	2.68076	0.1525281	0.18404973	3.0608774	21	11 5.8	20.3
95274 2002 CU_{72}	16.6	X	160.88484	264.14925	137.06540	6.79606	0.1561509	0.26541982	2.3979888	21	3 30.2	20.2
95275 2002 CN_{73}	14.9	X	169.99792	254.96610	331.20708	5.00719	0.0708511	0.18792660	3.0186346	21	11 21.6	19.6
95276 2002 CZ_{73}	15.6	X	170.32787	301.68781	28.76186	2.21966	0.0655962	0.20330105	2.8644613	21	1 10.9	19.8
95277 2002 CH_{75}	14.9	X	6.53466	204.81049	66.85630	1.93300	0.1661155	0.17028384	3.2236936	21	7 2.3	18.5
95278 2002 CC_{76}	15.6	X	184.25377	14.43406	25.42759	2.79945	0.0636262	0.21590403	2.7518761	21	4 18.9	19.5
95279 2002 CO_{76}	15.5	X	59.69357	353.48102	305.29636	1.20714	0.1109989	0.23281942	2.6169168	21	10 31.9	19.1
95280 2002 CD_{79}	16.6	X	248.13380	72.67734	353.50651	4.14097	0.2172972	0.28122073	2.3073023	21	7 20.9	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95281 2002 CR_{79}	16.0	X	145.08290	143.89556	326.23779	2.54826	0.0533759	0.21919457	2.7242660	21	6 2.2	19.9
95282 2002 CX_{79}	15.8	X	335.17899	209.91412	120.48432	4.51255	0.1023117	0.22573244	2.6714071	21	7 30.3	18.7
95283 2002 CO_{81}	15.0	X	194.63752	307.42893	8.58655	1.85783	0.0805573	0.20291050	2.8681357	21	1 20.3	19.3
95284 2002 CH_{83}	14.9	X	141.61309	167.25596	96.27146	2.88058	0.0623401	0.18764336	3.0216715	21	12 7.8	19.4
95285 2002 CP_{83}	16.2	X	212.28438	73.77618	12.35497	3.89755	0.1279918	0.27675163	2.3320754	21	7 17.8	19.5
95286 2002 CL_{84}	16.3	X	213.11674	328.19093	149.31014	4.43738	0.0944959	0.22893719	2.6464182	21	8 29.9	20.1
95287 2002 CN_{84}	15.9	X	307.84851	238.08638	137.02226	2.58553	0.0994373	0.22817857	2.6522807	21	8 17.6	18.9
95288 2002 CG_{85}	15.6	X	279.85680	244.90347	36.76546	3.53737	0.0930012	0.21205533	2.7850730	21	3 8.3	19.5
95289 2002 CG_{88}	15.4	X	266.91180	306.85932	329.78270	6.57917	0.0587373	0.20824768	2.8189191	21	2 18.3	19.3
95290 2002 CJ_{88}	15.9	X	216.71779	48.10450	334.89918	5.18051	0.0620523	0.21792787	2.7348123	21	5 2.0	20.0
95291 2002 CP_{88}	15.7	X	260.97278	219.48575	136.32363	10.35582	0.0463928	0.21969873	2.7200968	21	5 26.6	19.6
95292 2002 CM_{89}	15.2	X	151.92211	222.77011	81.02070	3.09003	0.0578262	0.19564221	2.9387390	21	—	—
95293 2002 CB_{90}	15.4	X	268.98062	183.21862	135.64135	15.50030	0.0820127	0.21422264	2.7662566	21	4 17.2	19.6
95294 2002 CG_{90}	15.2	X	331.75043	153.88588	137.23939	10.88850	0.1107463	0.21804262	2.7338527	21	5 30.1	18.6
95295 2002 CM_{91}	15.4	X	79.45612	42.05639	32.98171	2.37802	0.0430790	0.20437570	2.8544113	21	1 26.2	19.1
95296 2002 CQ_{91}	14.9	X	58.94616	163.16027	136.21150	11.34501	0.0806211	0.18106426	3.0944317	21	10 24.9	19.4
95297 2002 CW_{91}	16.2	X	73.94215	209.48997	2.19307	2.95372	0.1135001	0.22045482	2.7138738	21	7 27.3	19.7
95298 2002 CL_{93}	15.2	X	50.21452	131.80687	142.23960	1.32212	0.1754035	0.17501411	3.1653422	21	9 20.8	19.4
95299 2002 CO_{93}	15.8	X	317.42057	280.87255	126.30728	7.52982	0.1535316	0.23617434	2.5920751	21	10 19.6	18.5
95300 2002 CD_{96}	14.9	X	157.47002	74.80243	125.85464	2.53663	0.1288871	0.18073165	3.0982270	21	10 11.3	19.9
95301 2002 CS_{96}	14.8	X	163.03365	267.27994	347.87792	9.48530	0.0593727	0.18882489	3.0090534	21	12 20.4	19.5
95302 2002 CN_{97}	15.2	X	121.54100	287.70877	101.42933	3.11435	0.0992349	0.20380343	2.8597521	21	1 30.7	19.1
95303 2002 CC_{98}	15.1	X	239.45496	199.41942	150.70877	12.04143	0.0764055	0.21390738	2.7689739	21	4 21.4	19.3
95304 2002 CQ_{98}	15.4	X	201.71955	296.99068	79.48203	1.68427	0.0851628	0.21286367	2.7780178	21	4 9.9	19.5
95305 2002 CJ_{99}	14.3	X	113.24374	127.98970	144.04524	10.25994	0.1851993	0.18190921	3.0848420	21	11 27.7	19.5
95306 2002 CS_{99}	15.7	X	142.20158	51.67355	64.53196	2.88764	0.0476428	0.21813289	2.7330984	21	6 6.5	19.4
95307 2002 CP_{101}	15.8	X	80.59341	333.91888	110.64828	3.41314	0.1522241	0.25745975	2.4471644	21	2 11.4	18.3
95308 2002 CW_{101}	15.2	X	203.84918	353.61495	126.15108	4.08059	0.0228125	0.22642916	2.6659243	21	8 28.6	18.8
95309 2002 CY_{101}	14.9	X	256.73440	291.21425	2.27741	5.75633	0.0406459	0.20699459	2.8302842	21	3 2.6	18.9
95310 2002 CP_{102}	15.2	X	263.38367	1.86059	359.08279	4.91492	0.0061479	0.21795262	2.7346053	21	6 8.1	18.9
95311 2002 CZ_{102}	15.0	X	238.44587	43.43488	115.93226	4.09296	0.0419812	0.18627754	3.0364238	21	11 22.4	19.2
95312 2002 CD_{103}	14.9	X	260.52839	355.39249	140.60041	10.94523	0.0714802	0.18658393	3.0330988	21	11 19.2	19.3
95313 2002 CA_{104}	14.8	X	66.03392	203.19175	44.04609	1.29496	0.1234686	0.17185217	3.2040507	21	8 31.2	19.2
95314 2002 CM_{104}	15.3	X	265.49000	298.72969	19.85360	4.56543	0.0593992	0.21138130	2.7909904	21	4 9.7	19.1
95315 2002 CT_{104}	14.7	X	185.45842	101.39382	48.08546	3.04109	0.1224836	0.17681986	3.1437549	21	9 6.5	19.6
95316 2002 CB_{105}	14.6	X	133.01512	260.99998	357.89512	9.49262	0.0844525	0.18343452	3.0677173	21	11 20.8	19.5
95317 2002 CJ_{106}	15.4	X	307.30872	142.33813	72.80598	2.82451	0.0574010	0.20200355	2.8767142	21	1 23.6	19.4
95318 2002 CF_{107}	14.0	X	204.67020	304.63915	13.17012	9.92594	0.0922941	0.15083307	3.4951972	21	2 12.4	19.5
95319 2002 CH_{107}	16.2	X	42.22944	40.14880	71.60131	3.13239	0.1714958	0.25480924	2.4641053	21	1 7.7	18.1
95320 2002 CR_{107}	15.2	X	127.18552	354.67069	88.70697	2.27825	0.0626981	0.21025403	2.8009574	21	4 9.9	19.1
95321 2002 CB_{108}	14.4	X	85.99932	259.94329	358.71479	20.21738	0.0975413	0.17569740	3.1571302	21	10 1.6	19.1
95322 2002 CE_{108}	15.2	X	69.69574	171.87085	357.80640	12.69298	0.0606523	0.21312471	2.7757489	21	5 10.9	19.1
95323 2002 CS_{108}	15.1	X	139.82879	338.70388	166.66131	15.02024	0.1025299	0.21977020	2.7195070	21	7 15.5	19.4
95324 2002 CU_{108}	15.0	X	100.13631	354.76233	168.56408	26.09443	0.0942488	0.21617320	2.7495913	21	6 24.1	19.5
95325 2002 CR_{109}	14.7	X	200.06006	191.43310	79.33428	3.51845	0.0502832	0.19597848	2.9353763	21	—	—
95326 2002 CC_{110}	15.0	X	46.71495	233.88510	124.94708	4.72829	0.0410712	0.18748311	3.0233931	21	12 12.8	19.1
95327 2002 CM_{110}	15.3	X	82.29948	10.65972	51.74187	1.18051	0.0596670	0.20185643	2.8781118	21	1 16.2	18.9
95328 2002 CE_{111}	15.1	X	306.62264	263.12648	13.57043	4.48806	0.0268203	0.21123721	2.7922594	21	4 12.4	18.9
95329 2002 CQ_{111}	15.0	X	56.72319	321.38551	148.78736	11.69752	0.0765023	0.20404803	2.8574663	21	2 10.2	18.6
95330 2002 CC_{114}	15.1	X	202.95701	354.58171	120.03085	14.96036	0.0277436	0.22679759	2.6630363	21	8 21.4	18.8
95331 2002 CH_{114}	15.5	X	19.27507	33.01818	97.05057	8.32595	0.1266357	0.25433417	2.4671728	21	—	—
95332 2002 CQ_{117}	14.2	X	62.83671	92.85904	152.36126	13.38733	0.1297795	0.16931256	3.2360106	21	8 24.5	18.4
95333 2002 CA_{118}	14.5	X	117.88593	74.69667	161.17898	10.14443	0.0346672	0.17938849	3.1136729	21	10 8.9	19.0
95334 2002 CD_{118}	15.2	X	116.24640	184.09751	2.54082	3.92560	0.0245242	0.22274009	2.6952794	21	8 5.7	18.8
95335 2002 CU_{118}	14.5	X	90.52650	292.32112	46.22993	10.66832	0.0634947	0.19142115	2.9817835	21	—	—
95336 2002 CM_{122}	15.7	X	194.18987	247.40334	297.35008	7.64457	0.1283386	0.23595966	2.5936470	21	10 28.4	19.8
95337 2002 CO_{125}	15.0	X	100.18985	109.83661	156.91617	12.41841	0.1478471	0.18151166	3.0893446	21	11 8.1	20.0
95338 2002 CC_{126}	16.7	X	159.98385	118.74123	309.00816	2.54041	0.2298254	0.26934790	2.3746174	21	5 3.3	20.6
95339 2002 CW_{127}	15.7	X	358.76231	66.16727	194.07237	2.33331	0.1350345	0.21840771	2.7308053	21	5 29.9	18.5
95340 2002 CR_{129}	16.4	X	229.30859	163.90885	220.65966	0.66790	0.1696252	0.27225020	2.3577111	21	5 10.2	20.0
95341 2002 CP_{130}	15.4	X	3.31015	50.98830	234.85364	1.68809	0.0460910	0.22167280	2.7039238	21	7 13.9	18.8
95342 2002 CW_{132}	15.4	X	41.91397	99.90099	352.55026	1.09928	0.0508991	0.20070559	2.8891033	21	—	—
95343 2002 CM_{133}	15.4	X	238.77704	130.08040	342.96188	13.28782	0.0376412	0.23034423	2.6356303	21	9 27.4	19.0
95344 2002 CX_{133}	14.8	X	108.06501	306.51975	349.57916	9.15421	0.0824217	0.18450891	3.0557969	21	12 10.8	19.6
95345 2002 CZ_{133}	14.8	X	179.87076	163.86602	349.75028	11.89719	0.0987862	0.22573805	2.6713628	21	9 8.9	18.8
95346 2002 CY_{134}	15.9	X	252.17270	251.93664	173.07346	6.39065	0.0991316	0.28523134	2.2856228	21	8 7.3	18.7
95347 2002 CR_{136}	16.1	X	111.44214	211.17138	250.49799	5.53030	0.1527182	0.26686151	2.3893444	21	4 18.5	19.2
95348 2002 CM_{137}	15.5	X	128.20262	228.59463	31.88723	6.52080	0.0756480	0.23815038	2.5777168	21	11 27.1	19.3
95349 2002 CT_{137}	15.0	X	5.76787	316.84759	275.90902	7.62035	0.0904046	0.21642648	2.7474457	21	5 1.7	18.4
95350 2002 CJ_{138}	15.8	X	309.64091	203.43900	198.69421	3.62014	0.1808350	0.28714405	2.2754615	21	9 27.6	17.4
95351 2002 CT_{138}	15.5	X	86.36171	2.22322	158.31951	14.74011	0.1256227	0.21805209	2.7337736	21	6 7.9	19.5
95352 2002 CW_{138}	15.5	X	87.98984	268.19349	252.66291	3.81535	0.1007873	0.21843165	2.7306058	21	6 4.4	19.2
95353 2002 CY_{138}	15.2	X	165.54867	104.70174	160.59342	14.49348	0.0468593	0.24376402	2.5379885	21	—	—
95354 2002 CV_{140}	15.4	X	272.25289	203.32039	119.97872	15.36047	0.0967936	0.21763135	2.7372959	21	4 25.6	19.6
95355 2002 CQ_{141}	14.7	X	47.59452	260.20278	292.64035	8.07097	0.0942371	0.21467266	2.7623894	21	5 16.5	18.1
95356 2002 CU_{141}	14.0	X	99.76903	19.88009	181.13726	15.13639	0.1865173	0.17052877	3.2206061	21	8 17.9	19.1
95357 2002 CS_{143}	16.3	X	125.88738	104.94780	305.70014	1.45569	0.1844824	0.26134797	2.4228320	21	3 5.3	19.6
95358 2002 CV_{143}	14.5	X	127.24381	119.36457	165.52981	16.39651	0.2087551	0.18664255	3.0324637	21	12 23.3	19.9
95359 2002 CN_{144}	15.3	X	333.20367	14.29566	318.82067	13.04034	0.0954938	0.22453562	2.6808914	21	8 1.4	18.4
95360 2002 CV_{144}	14.9	X	75.30680	105.76002	189.24476	4.03261	0.0586689	0.18237410	3.0795974	21	11 1.9	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95361 2002 CC_{145}	15.1	X	215.38032	72.02213	252.65616	0.76491	0.0731350	0.20596500	2.8397086	21	2 19.6	19.3
95362 2002 CH_{146}	15.2	X	274.07135	297.96505	214.88977	3.03263	0.0565496	0.19018803	2.9946582	21	12 26.5	19.2
95363 2002 CF_{147}	14.0	X	6.87791	357.29255	350.88904	27.04317	0.1094341	0.17775856	3.1326775	21	10 2.4	18.2
95364 2002 CX_{151}	15.3	X	311.36005	128.36244	89.69761	3.23784	0.0167560	0.20413105	2.8566914	21	2 6.9	19.1
95365 2002 CS_{155}	15.1	X	272.36467	205.68317	25.77934	5.35561	0.1594467	0.20280885	2.8690941	21	—	—
95366 2002 CK_{156}	16.6	X	205.10932	352.32526	32.29071	3.16421	0.1690076	0.27232277	2.3572922	21	4 17.5	20.1
95367 2002 CS_{157}	14.9	X	171.36216	277.17214	342.81865	8.66060	0.0268658	0.19313117	2.9641565	21	—	—
95368 2002 CT_{160}	16.4	X	136.26425	78.97633	16.90285	5.66757	0.1817439	0.27034754	2.3687602	21	5 13.3	20.0
95369 2002 CX_{160}	16.7	X	190.99390	43.09350	358.75681	5.12493	0.2247733	0.27216181	2.3582215	21	4 25.6	20.8
95370 2002 CB_{161}	16.0	X	53.58041	324.62979	184.14743	5.05620	0.0422173	0.21289163	2.7777745	21	3 23.7	19.6
95371 2002 CH_{162}	15.5	X	264.44549	12.85630	66.67270	3.96902	0.0625474	0.23289681	2.6163370	21	9 19.3	18.9
95372 2002 CJ_{162}	15.4	X	313.08389	145.70523	91.50258	5.05046	0.0451179	0.20979728	2.8050212	21	3 1.4	19.2
95373 2002 CK_{163}	15.8	X	279.35361	95.15472	353.52181	8.39247	0.1435088	0.23709395	2.5853682	21	10 6.9	18.9
95374 2002 CU_{163}	16.6	X	229.71845	18.38192	57.76107	3.39250	0.1972578	0.27977602	2.3152384	21	7 16.7	20.0
95375 2002 CH_{165}	16.5	X	224.13732	328.14980	99.72500	4.92865	0.1871319	0.27790282	2.3256307	21	6 30.2	20.0
95376 2002 CL_{165}	15.3	X	116.31727	141.84985	76.27527	3.96779	0.0294946	0.22941882	2.6427131	21	9 18.9	18.9
95377 2002 CR_{165}	15.9	X	103.24221	249.19778	5.06109	7.06671	0.0640266	0.23246050	2.6196098	21	10 20.2	19.7
95378 2002 CT_{166}	15.3	X	222.63000	257.10803	123.61204	14.09281	0.1503605	0.26970477	2.3725223	21	5 5.7	19.2
95379 2002 CC_{167}	14.9	X	152.59211	273.81002	357.91454	9.90763	0.1347449	0.18932130	3.0037911	21	12 28.9	19.9
95380 2002 CN_{167}	14.7	X	30.08193	220.38641	356.05264	14.00154	0.1502920	0.21501264	2.7594767	21	5 22.2	18.0
95381 2002 CN_{169}	14.8	X	105.47933	205.19906	49.40676	5.81672	0.1521536	0.17941846	3.1133263	21	10 27.4	19.6
95382 2002 CT_{169}	15.3	X	10.78376	131.25149	19.14861	6.53245	0.1498814	0.25515590	2.4618730	21	1 4.2	18.0
95383 2002 CC_{170}	14.9	X	289.53890	276.91864	38.39768	5.92538	0.0602272	0.21510246	2.7587084	21	5 5.2	18.7
95384 2002 CG_{170}	14.2	X	164.95255	205.56843	13.93031	7.80566	0.1244853	0.18338018	3.0683233	21	11 6.6	19.1
95385 2002 CQ_{170}	14.7	X	136.53117	94.24188	131.79849	10.33073	0.0447824	0.18070562	3.0985246	21	10 21.1	19.4
95386 2002 CR_{170}	15.8	X	268.14869	57.33620	77.84431	4.61935	0.0902990	0.23855343	2.5748125	21	12 2.5	18.7
95387 2002 CN_{171}	15.6	X	201.25005	14.53864	107.79150	5.01341	0.1536664	0.22703953	2.6611441	21	8 20.3	19.8
95388 2002 CF_{172}	15.0	X	208.72608	164.76874	124.85976	12.76464	0.1342760	0.20006977	2.8952211	21	1 4.2	19.8
95389 2002 CS_{173}	15.4	X	6.29334	173.83692	85.42590	4.09720	0.0153462	0.21817396	2.7327554	21	6 11.5	19.0
95390 2002 CO_{174}	14.4	X	134.06927	80.04325	141.30482	11.63210	0.0867677	0.17862465	3.1225432	21	10 14.6	19.3
95391 2002 CY_{174}	15.2	X	201.54132	329.23338	147.64729	14.32499	0.2000217	0.22613467	2.6682383	21	8 9.4	19.6
95392 2002 CW_{178}	15.3	X	268.76337	302.20568	351.57951	4.49043	0.1076106	0.21272086	2.7792610	21	3 7.6	19.2
95393 2002 CU_{183}	15.5	X	345.63519	177.71915	29.95828	2.23988	0.0303955	0.21076346	2.7964421	21	3 7.1	19.0
95394 2002 CX_{184}	15.7	X	231.92857	248.37399	125.05111	7.06013	0.0772374	0.21937057	2.7228088	21	5 10.7	19.7
95395 2002 CS_{187}	15.7	X	308.67376	210.90312	133.28621	8.52852	0.1264204	0.22569074	2.6717361	21	7 1.4	19.0
95396 2002 CG_{188}	15.9	X	234.29245	219.82647	129.19329	2.85751	0.0846884	0.21557412	2.7546830	21	4 10.7	19.9
95397 2002 CZ_{192}	15.6	X	270.55679	277.02582	68.33141	2.88809	0.0928574	0.22042131	2.7141488	21	5 15.8	19.5
95398 2002 CF_{196}	15.2	X	23.06472	346.46294	333.12426	11.62302	0.1923048	0.23136177	2.6278969	21	10 13.9	18.3
95399 2002 CR_{198}	16.2	X	306.71985	303.62509	80.61950	2.16708	0.1835822	0.28316912	2.2967063	21	8 22.6	18.2
95400 2002 CC_{199}	15.9	X	263.80230	199.62234	123.54339	4.32857	0.0826146	0.21481816	2.7611419	21	4 12.4	19.9
95401 2002 CK_{199}	15.9	X	280.08852	184.65733	128.41763	2.46093	0.0459247	0.21563733	2.7541447	21	4 23.4	19.7
95402 2002 CS_{199}	14.9	X	89.77350	231.84443	20.67241	1.79836	0.1149477	0.17902929	3.1178364	21	10 4.1	19.3
95403 2002 CC_{207}	15.2	X	136.11137	150.76608	124.09763	5.70472	0.1165548	0.18802483	3.0175831	21	12 16.9	20.0
95404 2002 CO_{207}	15.1	X	339.89826	324.23511	357.44679	4.49631	0.2328926	0.22394901	2.6855709	21	7 16.6	17.3
95405 2002 CN_{210}	15.4	X	122.90554	189.14152	67.05245	2.31112	0.1048362	0.18320582	3.0702698	21	11 11.5	20.2
95406 2002 CE_{212}	16.5	X	270.82988	49.13957	322.38774	5.23600	0.0380902	0.22323827	2.6912680	21	6 28.7	20.1
95407 2002 CJ_{212}	16.0	X	54.06427	208.38314	129.49274	2.72093	0.1784948	0.23901073	2.5715272	21	12 24.7	19.5
95408 2002 CT_{213}	15.4	X	52.67601	351.72976	110.30284	3.61239	0.0176432	0.20393974	2.8584777	21	1 22.2	19.2
95409 2002 CN_{215}	15.2	X	106.55894	320.35946	329.92431	2.63136	0.0820737	0.18564493	3.0433179	21	12 3.0	19.7
95410 2002 CJ_{217}	14.8	X	55.72029	291.46829	353.20724	9.95372	0.0906033	0.17693909	3.1423425	21	9 27.6	19.1
95411 2002 CY_{218}	14.6	X	107.14495	131.72314	152.16046	11.81447	0.1009238	0.18332935	3.0688904	21	11 30.1	19.5
95412 2002 CV_{219}	14.5	X	6.93273	129.81663	161.33282	5.75585	0.1124369	0.16949115	3.2337370	21	7 26.9	18.4
95413 2002 CB_{220}	14.7	X	91.32961	195.56042	156.25027	13.64728	0.1765280	0.24222983	2.5486936	21	—	—
95414 2002 CR_{220}	14.8	X	58.07679	230.80012	93.75593	2.41891	0.1308051	0.18238482	3.0794767	21	11 26.6	19.1
95415 2002 CX_{220}	16.1	X	276.52143	289.78966	158.97077	5.03108	0.1503970	0.23363600	2.6108157	21	10 4.5	19.1
95416 2002 CN_{221}	15.2	X	339.92823	25.56034	118.22507	3.35019	0.0869564	0.19749008	2.9203788	21	—	—
95417 2002 CP_{221}	14.7	X	179.27171	228.15218	97.55224	3.05631	0.0275922	0.19901939	2.9053991	21	1 12.6	18.8
95418 2002 CD_{224}	15.7	X	160.67493	293.79719	152.53331	3.97444	0.0750537	0.21768402	2.7368543	21	5 23.6	19.8
95419 2002 CH_{224}	16.0	X	224.25252	332.57822	143.26808	4.13809	0.0373409	0.22848266	2.6499268	21	9 17.2	19.5
95420 2002 CQ_{226}	15.4	X	221.72775	29.33668	300.57166	7.65527	0.0851060	0.21110143	2.7934566	21	3 1.0	19.7
95421 2002 CG_{229}	16.2	X	199.33096	235.07252	195.30997	0.39585	0.0011203	0.22291058	2.6939049	21	6 16.9	19.6
95422 2002 CG_{232}	15.9	X	9.61140	262.81829	126.88436	13.67831	0.1423713	0.24154713	2.5534937	21	12 28.5	19.0
95423 2002 CB_{236}	14.1	X	111.83059	352.13306	199.41472	27.58626	0.1527940	0.17116144	3.2126649	21	8 12.2	19.6
95424 2002 CY_{236}	14.2	X	228.61092	307.98659	158.48223	18.15760	0.1133824	0.17408089	3.1766447	21	8 27.2	18.9
95425 2002 CE_{237}	14.7	X	108.54843	145.04736	164.36505	6.96305	0.1028731	0.18680602	3.0306944	21	12 29.3	19.5
95426 2002 CM_{237}	15.4	X	27.44183	3.29394	112.33505	1.73633	0.0515916	0.20018970	2.8940646	21	1 6.6	18.9
95427 2002 CP_{237}	14.4	X	99.78653	73.74180	158.75911	10.31544	0.0492906	0.17410523	3.1763487	21	9 13.1	18.8
95428 2002 CF_{238}	16.0	X	72.53592	241.54176	172.46409	10.73052	0.2677923	0.25408170	2.4688069	21	—	—
95429 2002 CV_{238}	15.5	X	185.56180	80.52296	314.48465	5.25762	0.0822327	0.21277451	2.7787938	21	4 12.5	19.8
95430 2002 CW_{238}	15.0	X	127.76193	70.02766	198.05886	4.21989	0.1121877	0.18393646	3.0621339	21	11 30.7	19.9
95431 2002 CZ_{240}	15.2	X	102.56348	202.91072	233.37035	1.36360	0.0366546	0.20573694	2.8418067	21	2 24.2	19.2
95432 2002 CW_{241}	15.2	X	123.19905	277.74443	187.46181	8.96548	0.0775063	0.21421412	2.7663300	21	5 5.3	19.2
95433 2002 CH_{242}	17.0	X	177.44729	109.08196	329.34308	3.15940	0.2312325	0.27118529	2.3638793	21	5 31.9	21.0
95434 2002 CL_{242}	14.6	X	166.96045	252.38424	342.70192	11.09941	0.0744421	0.18494386	3.0510040	21	11 27.2	19.4
95435 2002 CK_{243}	16.4	X	49.24445	281.49132	206.15091	1.99411	0.1392156	0.25718399	2.4489134	21	2 12.7	18.7
95436 2002 CN_{243}	14.6	X	51.85939	116.53844	182.02833	16.54532	0.1306608	0.17662321	3.1460880	21	10 18.9	18.9
95437 2002 CQ_{243}	16.3	X	99.67742	279.95635	178.84271	6.50585	0.1713155	0.26141777	2.4224007	21	4 4.8	19.3
95438 2002 CD_{244}	14.4	X	128.05624	58.67067	178.65458	12.30776	0.1191404	0.17867390	3.1219694	21	10 27.5	19.3
95439 2002 CJ_{244}	15.2	X	58.44537	350.10891	350.44643	11.46990	0.0609358	0.23559121	2.5963506	21	12 16.1	18.9
95440 2002 CS_{244}	14.5	X	169.46219	222.78906	351.99830	1.62437	0.1184965	0.18176551	3.0864677	21	11 6.5	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95441 2002 CW_{244}	14.4	X	21.32480	285.90312	335.16608	5.14903	0.0567733	0.16794905	3.2535016	21	7 8.4	18.7
95442 2002 CS_{247}	14.7	X	168.35193	162.28225	40.28295	1.99432	0.1080737	0.18058558	3.0998975	21	10 22.8	19.7
95443 2002 CW_{247}	14.4	X	205.12645	187.28077	355.36187	7.44220	0.1804487	0.18365718	3.0652373	21	10 27.5	19.4
95444 2002 CO_{248}	15.5	X	273.12068	262.40060	99.90114	7.37292	0.0583768	0.22156126	2.7048312	21	6 15.9	19.0
95445 2002 CM_{254}	16.2	X	301.62380	173.60783	207.76108	0.89178	0.0938586	0.23009820	2.6375087	21	8 16.8	19.2
95446 2002 CW_{254}	14.9	X	224.77365	359.41657	191.10508	9.35023	0.0563053	0.19094592	2.9867289	21	12 12.3	19.3
95447 2002 CY_{255}	15.4	X	190.19466	119.20494	310.61997	11.28309	0.0997360	0.21946709	2.7220104	21	6 2.0	19.8
95448 2002 CY_{256}	15.4	X	289.11824	237.26981	93.07893	7.33096	0.0683050	0.21955016	2.7213237	21	5 24.8	19.1
95449 2002 CJ_{261}	15.5	X	232.36825	241.46604	137.33653	11.88184	0.0985622	0.21800524	2.7341653	21	5 17.7	19.8
95450 2002 CP_{272}	15.7	X	79.80301	323.67689	99.18668	9.64116	0.2059042	0.25563536	2.4587937	21	1 17.6	17.8
95451 2002 CV_{277}	15.3	X	167.92047	47.12918	203.57322	1.22216	0.1300578	0.18908742	3.0062675	21	12 17.8	20.1
95452 2002 CO_{280}	15.0	X	34.39793	296.77203	278.68655	11.21852	0.0880339	0.21349875	2.7725060	21	5 27.3	18.4
95453 2002 CK_{284}	15.8	X	240.66926	100.19254	227.47976	1.29716	0.0956892	0.21011401	2.8022016	21	3 19.9	19.9
95454 2002 CE_{289}	15.1	X	72.62627	263.45817	8.55940	12.52256	0.1707367	0.23230426	2.6207842	21	10 19.3	18.9
95455 2002 CY_{295}	14.1	X	50.78758	342.39493	258.80688	16.14491	0.1191370	0.17063783	3.2192337	21	7 26.8	18.5
95456 2002 CC_{301}	14.8	X	61.49967	162.00938	166.98938	9.95428	0.0941122	0.18499878	3.0504001	21	12 2.7	19.3
95457 2002 CD_{303}	13.7	X	167.49995	209.79216	43.64739	15.68714	0.1670061	0.18236481	3.0797020	21	12 16.7	18.9
95458 2002 CD_{307}	15.7	X	78.09264	177.67315	62.80141	4.20360	0.0953048	0.22854680	2.6494310	21	9 8.9	19.3
95459 2002 CF_{307}	15.9	X	170.63013	275.59817	95.90897	7.06627	0.1376907	0.26223563	2.4173614	21	3 1.7	19.5
95460 2002 DR	15.9	X	274.00651	233.45133	139.58661	2.91623	0.2349055	0.27803255	2.3249072	21	6 4.1	19.2
95461 2002 DZ_{2}	14.2	X	157.89589	185.21586	352.24997	22.33626	0.0867317	0.17931378	3.1145379	21	9 12.9	19.1
95462 2002 DK_{5}	15.1	X	156.96921	31.00543	166.47160	14.49955	0.0574104	0.23430782	2.6058227	21	10 13.7	18.9
95463 2002 DS_{5}	15.1	X	174.51672	220.10100	216.75699	7.48910	0.1568759	0.21239239	2.7821257	21	5 28.8	19.6
95464 2002 DY_{7}	15.3	X	217.08985	142.55443	21.99611	13.40526	0.1742863	0.23694020	2.5864865	21	10 24.3	19.1
95465 2002 DR_{8}	14.3	X	81.87151	250.20884	356.23867	25.98767	0.1651592	0.17764883	3.1339674	21	9 22.4	19.0
95466 2002 DB_{10}	14.2	X	20.89036	221.75732	56.85104	15.31883	0.2562121	0.17434424	3.1734451	21	8 28.7	17.9
95467 2002 DP_{10}	15.9	X	282.58723	253.28565	170.42590	4.27251	0.0610905	0.23082322	2.6319828	21	9 21.5	19.3
95468 2002 DT_{10}	14.9	X	334.93785	10.90767	19.02169	25.82583	0.1776382	0.28634320	2.2797023	21	10 30.2	16.9
95469 2002 DS_{18}	15.1	X	54.63932	33.54104	74.03961	7.04066	0.0121530	0.20396557	2.8582364	21	2 2.1	19.0
95470 2002 DW_{18}	15.5	X	29.24501	193.09009	156.58325	13.36333	0.1886656	0.23621460	2.5917806	21	12 11.5	19.0
95471 2002 EE	15.2	X	248.23057	24.61512	292.49855	5.43807	0.1035233	0.21109757	2.7934907	21	3 12.1	19.5
95472 2002 EG_{1}	15.3	X	350.08650	238.92678	124.97519	13.15268	0.1893709	0.22953269	2.6418390	21	10 25.7	18.1
95473 2002 EX_{2}	14.8	X	313.34659	35.66734	91.25515	17.75744	0.1951120	0.24399207	2.5364068	21	—	—
95474 Andreajbarbieri	16.2	X	315.87060	22.99421	350.24091	3.38072	0.1776945	0.22814416	2.6525473	21	8 19.3	18.8
95475 2002 EB_{5}	14.8	X	78.79354	318.20725	353.30659	9.98434	0.0801275	0.18376369	3.0640528	21	11 25.5	19.4
95476 2002 EY_{7}	16.1	X	128.90555	313.19298	167.63216	15.80971	0.1084935	0.21882506	2.7273320	21	6 5.4	20.4
95477 2002 ED_{11}	14.3	X	137.43131	9.93931	188.62660	14.80604	0.1076295	0.17478154	3.1681496	21	9 16.1	19.2
95478 2002 EK_{12}	14.3	X	121.05559	242.15673	9.33249	17.36717	0.1737417	0.17749885	3.1357326	21	11 2.1	19.5
95479 2002 ET_{13}	15.1	X	53.28405	300.47549	218.08507	8.40159	0.0977836	0.21136353	2.7911468	21	4 9.9	18.5
95480 2002 ER_{15}	15.8	X	335.74472	162.94326	292.72997	6.17041	0.2046813	0.24461075	2.5321282	21	—	—
95481 2002 EG_{16}	15.4	X	112.31182	202.90465	285.94997	7.81792	0.0953957	0.21576895	2.7530245	21	5 22.4	19.4
95482 2002 EB_{19}	14.4	X	101.70440	326.76453	297.86365	9.59730	0.1392849	0.17951422	3.1122190	21	10 29.9	19.4
95483 2002 EE_{19}	14.4	X	114.06976	320.30265	263.21825	11.44502	0.2356541	0.17561033	3.1581737	21	9 28.8	19.9
95484 2002 EF_{22}	15.2	X	281.95111	197.31042	117.90566	5.68229	0.0528339	0.21318554	2.7752209	21	4 29.2	19.0
95485 2002 ES_{22}	15.2	X	103.17374	301.52960	135.13955	13.58717	0.0579354	0.20666536	2.8332893	21	3 3.3	19.1
95486 2002 ED_{23}	15.4	X	280.35164	337.39035	348.11009	5.23545	0.0729883	0.21584435	2.7523834	21	5 2.9	19.3
95487 2002 ER_{24}	15.5	X	88.43097	299.65061	2.65079	2.10183	0.1557239	0.18203395	3.0834326	21	12 5.2	20.2
95488 2002 EV_{25}	15.0	X	327.48981	338.59215	174.23694	1.97166	0.0311177	0.19727870	2.9224646	21	—	—
95489 2002 EK_{29}	15.7	X	168.87151	115.84390	353.63242	7.78216	0.1163295	0.22029180	2.7152125	21	7 3.0	20.0
95490 2002 EX_{29}	14.6	X	43.26181	303.92288	21.23517	8.06289	0.1347107	0.17948900	3.1125105	21	11 7.1	18.8
95491 2002 EK_{30}	14.8	X	348.42344	173.99781	53.32201	4.59856	0.0347893	0.20892893	2.8127880	21	4 6.0	18.4
95492 2002 EQ_{30}	15.6	X	138.14321	330.89427	175.43389	9.14022	0.0950827	0.21953084	2.7214834	21	7 14.4	19.8
95493 2002 ES_{30}	15.1	X	228.42177	118.67418	10.49176	15.26262	0.0577642	0.22999145	2.6383247	21	10 5.9	18.6
95494 2002 ES_{31}	14.4	X	229.17988	223.48200	335.12930	8.06481	0.0864564	0.18769007	3.0211702	21	12 22.4	18.8
95495 2002 EK_{32}	15.1	X	124.65868	249.38680	60.13496	3.03874	0.0530910	0.19175122	2.9783607	21	—	—
95496 2002 ET_{34}	15.3	X	192.22338	263.38821	150.24024	9.78592	0.1809788	0.21750475	2.7383579	21	5 18.2	20.0
95497 2002 EB_{35}	15.0	X	18.85666	169.77806	160.26985	16.74849	0.0954963	0.17740620	3.1368242	21	10 9.1	19.1
95498 2002 EG_{35}	14.3	X	92.15127	133.60212	137.17766	17.23459	0.0935973	0.17924212	3.1153678	21	11 1.4	19.2
95499 2002 ED_{38}	15.1	X	354.41200	97.59112	330.42848	1.28617	0.0768721	0.18978806	2.9988642	21	—	—
95500 2002 EJ_{41}	15.5	X	94.51415	286.52492	211.49294	5.07843	0.1962544	0.21343276	2.7730774	21	5 28.6	19.3
95501 2002 EK_{41}	14.5	X	136.92940	80.84332	185.59779	7.30677	0.0468591	0.18298047	3.0727900	21	12 5.7	19.1
95502 2002 EA_{43}	15.3	X	132.81834	139.44277	308.96793	3.36238	0.0298172	0.21127334	2.7919411	21	4 16.1	19.1
95503 2002 EE_{43}	14.5	X	9.81798	133.66423	182.16006	4.70293	0.1573486	0.17163548	3.2067468	21	9 6.4	18.1
95504 2002 EC_{45}	15.6	X	274.18658	76.44723	301.63257	4.62788	0.0478344	0.22139808	2.7061601	21	7 10.5	19.2
95505 2002 EM_{45}	14.8	X	40.06470	267.67950	20.34861	9.02014	0.0633432	0.17524746	3.1625317	21	9 11.4	19.1
95506 2002 EH_{48}	15.9	X	294.71169	188.78868	329.48934	2.33436	0.0243764	0.19295514	2.9659590	21	—	—
95507 2002 EO_{48}	14.9	X	64.32408	111.00563	186.37846	5.02033	0.1922039	0.17713601	3.1400132	21	11 9.4	19.5
95508 2002 EU_{49}	15.6	X	121.56247	203.29284	184.81825	0.57927	0.0496515	0.20247019	2.8722924	21	1 22.2	19.6
95509 2002 ER_{50}	15.2	X	358.54476	268.51707	174.63579	1.53790	0.0663415	0.19223896	2.9733209	21	—	—
95510 2002 EL_{51}	15.8	X	231.03750	247.47629	145.65994	2.39382	0.0870059	0.21915909	2.7245601	21	6 1.3	19.8
95511 2002 EB_{52}	15.4	X	141.13596	270.88531	147.53053	6.79629	0.0706051	0.20994703	2.8036872	21	3 27.7	19.4
95512 2002 EH_{52}	14.7	X	281.30676	18.94789	354.45576	21.80011	0.0930308	0.22300714	2.6931272	21	7 13.1	18.8
95513 2002 ER_{52}	15.6	X	257.09083	200.61540	153.91420	5.62375	0.0675621	0.21625900	2.7488640	21	5 16.3	19.5
95514 2002 EZ_{54}	15.3	X	262.67439	31.06764	359.77616	12.86168	0.1536868	0.22228307	2.6989725	21	6 27.7	19.4
95515 2002 EW_{56}	15.4	X	146.43726	129.60053	232.90335	1.10919	0.0856125	0.20324861	2.8649540	21	1 24.5	19.6
95516 2002 EA_{57}	15.4	X	286.68040	145.77118	185.08738	5.38499	0.0721366	0.21778888	2.7359758	21	5 21.5	19.1
95517 2002 EO_{60}	15.9	X	151.02078	164.83378	255.69992	2.29640	0.0573602	0.21153084	2.7896749	21	4 6.3	19.8
95518 2002 EF_{61}	14.4	X	358.76891	139.44775	172.14401	19.33913	0.1497312	0.17203177	3.2018203	21	8 8.9	18.3
95519 2002 EB_{63}	15.9	X	277.97967	40.62139	351.15144	11.14474	0.0730526	0.22439960	2.6819747	21	8 3.1	19.6
95520 2002 ED_{67}	15.0	X	158.35486	78.45224	338.57022	5.48869	0.0670585	0.21059429	2.7979395	21	4 10.2	19.1

Planet		H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
		m		°	°	°	°		°				
95521	2002 ER_{68}	15.4	X	159.69755	59.82545	328.70492	1.17385	0.0835809	0.20606355	2.8388031	21	3 10.9	19.5
95522	2002 EQ_{69}	16.0	X	133.87693	243.50064	237.54856	1.79641	0.0686181	0.21574656	2.7532150	21	6 5.2	19.7
95523	2002 EK_{70}	15.3	X	196.96997	346.29638	172.94518	3.63794	0.0991508	0.17912849	3.1166852	21	9 29.8	20.1
95524	2002 EN_{70}	15.3	X	222.01395	216.13416	188.99448	5.86181	0.0325886	0.21681073	2.7441986	21	6 11.1	19.2
95525	2002 EZ_{70}	15.2	X	4.46292	82.66284	192.52918	9.09632	0.0252195	0.21759001	2.7376426	21	6 29.9	18.9
95526	2002 EA_{72}	14.9	X	68.86625	109.06878	190.52570	4.76745	0.1455625	0.17763323	3.1341509	21	11 10.9	19.5
95527	2002 EN_{73}	14.9	X	302.95610	184.88613	314.91359	1.13200	0.0707104	0.19060180	2.9903226	21	—	—
95528	2002 EX_{73}	15.3	X	328.38408	38.27621	0.73658	9.50852	0.0783751	0.23006757	2.6377428	21	10 22.9	18.6
95529	2002 EZ_{73}	15.2	X	261.00578	307.59459	209.80920	1.97934	0.0931135	0.18688868	3.0298006	21	12 9.8	19.4
95530	2002 EF_{75}	14.6	X	308.77423	80.33389	192.81013	2.55727	0.0990455	0.15658304	3.4090987	21	4 7.2	19.1
95531	2002 EN_{75}	16.4	X	279.39145	224.13218	192.30958	7.18575	0.2041958	0.28396863	2.2923933	21	8 15.6	19.0
95532	2002 EA_{76}	14.4	X	16.70871	62.66095	250.34050	8.08657	0.0898610	0.17445096	3.1721507	21	9 5.2	18.6
95533	2002 EB_{76}	16.1	X	81.19342	344.38144	207.12428	2.83560	0.1271374	0.21716464	2.7412163	21	7 10.4	19.8
95534	2002 EL_{78}	14.5	X	192.10401	213.81414	195.90089	13.46174	0.1923862	0.21242022	2.7818827	21	5 12.3	19.3
95535	2002 EK_{82}	15.0	X	130.17212	36.14537	202.54827	8.83697	0.0359330	0.18031447	3.1030040	21	10 24.9	19.4
95536	2002 EB_{83}	15.8	X	216.98263	147.67246	247.21784	1.19235	0.1342859	0.21618797	2.7494661	21	5 16.1	19.9
95537	2002 EV_{83}	15.0	X	124.47166	69.58012	164.84346	16.18773	0.0192366	0.17910059	3.1170088	21	10 14.3	19.6
95538	2002 EC_{84}	15.0	X	80.06335	125.47720	158.44450	5.46801	0.1362763	0.17987097	3.1081025	21	11 4.6	19.6
95539	2002 EH_{84}	15.9	X	352.83850	226.95365	166.08162	7.64885	0.1012322	0.23601758	2.5932227	21	11 30.5	19.0
95540	2002 EC_{86}	15.1	X	145.97086	248.34028	62.91690	1.90114	0.0347884	0.19129806	2.9830624	21	—	—
95541	2002 EK_{86}	15.3	X	202.85314	184.02352	55.36089	2.22840	0.1263050	0.18781903	3.0197870	21	—	—
95542	2002 EU_{86}	14.0	X	57.51266	271.41972	14.23375	21.84965	0.0625070	0.17388365	3.1790465	21	9 30.7	18.4
95543	2002 ED_{87}	14.2	X	151.85591	249.01359	25.94374	17.37735	0.1257100	0.18425174	3.0586397	21	12 30.9	19.4
95544	2002 EG_{87}	16.0	X	229.33395	328.78843	145.22601	2.89506	0.0996176	0.22887785	2.6468757	21	9 12.9	19.9
95545	2002 EA_{88}	14.9	X	316.39195	97.39442	108.29176	3.19867	0.0616138	0.20046429	2.8914213	21	1 22.6	18.9
95546	2002 EE_{88}	15.2	X	106.35239	6.59703	68.68683	3.05149	0.0547514	0.20425526	2.8555332	21	3 4.9	19.1
95547	2002 EK_{88}	15.3	X	218.45339	36.71846	50.56711	4.82539	0.0744312	0.22201827	2.7011181	21	7 30.2	19.2
95548	2002 EX_{88}	16.1	X	222.01988	51.68820	78.44360	2.15182	0.0516650	0.22951312	2.6419892	21	10 1.5	19.8
95549	2002 EK_{89}	14.4	X	79.98275	48.82433	217.96265	5.12721	0.1415024	0.17832266	3.1260676	21	10 12.9	19.1
95550	2002 ET_{89}	14.4	X	82.96926	24.98418	183.84579	17.40500	0.1034017	0.16999186	3.2273839	21	7 28.3	19.3
95551	2002 EB_{93}	15.1	X	91.31331	256.61804	47.39323	2.14844	0.1089945	0.18615685	3.0377360	21	12 6.2	19.6
95552	2002 EU_{93}	15.5	X	295.43565	182.60429	146.47114	6.09169	0.0762525	0.21834581	2.7313214	21	5 30.8	19.1
95553	2002 EU_{94}	15.7	X	225.16385	358.04432	18.31175	5.24480	0.0756898	0.21552889	2.7550684	21	5 3.6	19.8
95554	2002 EZ_{94}	15.0	X	112.51293	162.86793	145.99171	7.32945	0.1035135	0.18797465	3.0181202	21	—	—
95555	2002 EZ_{96}	14.6	X	74.55232	40.87582	309.95785	7.84170	0.0603505	0.18935007	3.0034869	21	—	—
95556	2002 EA_{97}	14.7	X	209.16531	355.97927	216.69091	9.53732	0.0518343	0.18845985	3.0129377	21	12 20.2	19.2
95557	2002 EB_{97}	14.6	X	157.85158	236.13014	227.61692	8.08990	0.0205865	0.21725901	2.7404224	21	6 7.7	18.3
95558	2002 EF_{97}	14.1	X	128.15845	235.82444	30.64093	27.20805	0.1626722	0.17876889	3.1208634	21	11 22.6	19.5
95559	2002 EK_{98}	15.1	X	262.91399	335.10633	36.50617	7.23972	0.0307762	0.21759105	2.7376338	21	6 18.5	18.9
95560	2002 EX_{98}	14.2	X	183.73588	209.47043	320.39208	22.51470	0.1184541	0.22840734	2.6505094	21	9 20.5	18.7
95561	2002 EV_{100}	14.8	X	293.65820	119.93773	20.49234	10.01537	0.0166501	0.19188247	2.9770023	21	—	—
95562	2002 ES_{101}	14.7	X	340.01364	268.12664	60.61798	10.42046	0.2161934	0.22381093	2.6866753	21	8 1.6	17.2
95563	2002 EU_{101}	14.3	X	28.43201	261.57869	27.63723	15.25772	0.1720500	0.17278704	3.1924831	21	9 13.2	18.4
95564	2002 EL_{102}	15.1	X	33.56155	305.88465	281.53819	10.02190	0.0725210	0.21615970	2.7497058	21	6 11.1	18.5
95565	2002 EL_{106}	14.4	X	178.63298	178.04146	41.49192	9.69720	0.1104382	0.18427144	3.0584217	21	11 20.6	19.3
95566	2002 EC_{108}	14.7	X	307.11924	110.75094	305.35165	9.50833	0.0228174	0.18120276	3.0928546	21	10 8.2	19.2
95567	2002 EN_{108}	15.2	X	46.18412	155.55404	121.01037	2.35916	0.1258381	0.17431360	3.1738169	21	9 11.4	19.4
95568	2002 EZ_{108}	15.4	X	44.65694	310.66138	3.41301	1.64724	0.0476197	0.17914716	3.1164686	21	10 15.3	19.5
95569	2002 EC_{114}	12.7	X	342.18665	306.66285	89.57929	2.16161	0.0539567	0.08081367	5.2984175	21	10 20.3	19.4
95570	2002 ED_{115}	14.8	X	181.77698	24.59104	144.02445	10.27496	0.0719763	0.17721290	3.1391049	21	9 28.9	19.6
95571	2002 EC_{125}	15.1	X	46.48813	141.39239	165.60605	11.03800	0.0710606	0.17896794	3.1185488	21	10 14.7	19.4
95572	2002 EJ_{130}	14.3	X	105.20872	57.89909	205.60179	16.13903	0.1817111	0.18033151	3.1028084	21	11 9.3	19.3
95573	2002 EW_{130}	15.9	X	283.51226	234.72485	175.39580	1.98241	0.0926099	0.22905918	2.6454785	21	8 29.6	19.2
95574	2002 EQ_{139}	15.6	X	314.68907	279.03849	70.77324	3.79125	0.1007073	0.22495640	2.6775473	21	7 23.9	18.8
95575	2002 ER_{140}	15.0	X	105.88982	287.89424	35.37177	2.36090	0.0814210	0.19028845	2.9936045	21	—	—
95576	2002 EQ_{142}	15.2	X	74.66636	317.58929	61.19302	3.08885	0.0942853	0.19432741	2.9519796	21	—	—
95577	2002 EJ_{146}	14.4	X	5.29178	15.52368	314.69842	13.47972	0.1722522	0.22896922	2.6461714	21	9 20.8	17.4
95578	2002 EX_{146}	16.0	X	155.88816	172.73277	270.71449	5.06205	0.1913833	0.26818595	2.3814714	21	5 17.9	19.7
95579	2002 EB_{148}	15.5	X	192.88684	168.33075	23.93452	1.96061	0.0672287	0.18302951	3.0722412	21	11 5.9	20.0
95580	2002 EA_{153}	14.5	X	205.03652	0.92319	248.15510	9.07698	0.0548893	0.19358693	2.9595024	21	—	—
95581	2002 EH_{153}	14.5	X	150.52129	310.26629	218.39632	10.28223	0.0148336	0.17380938	3.1799521	21	8 17.1	19.2
95582	2002 EJ_{153}	14.7	X	120.91675	40.38671	215.52047	15.68673	0.1684591	0.17795178	3.1304096	21	11 12.7	19.7
95583	2002 ES_{155}	15.5	X	307.33216	251.82987	121.41744	6.94451	0.0488984	0.22470070	2.6795782	21	8 21.4	18.9
95584	2002 FK_{2}	15.3	X	81.56141	132.31307	20.57567	4.18727	0.0416300	0.21075435	2.7965227	21	5 6.4	18.9
95585	2002 FV_{3}	14.2	X	232.55901	151.77173	60.95640	9.83442	0.0507547	0.19065904	2.9897242	21	—	—
95586	2002 FN_{8}	14.7	X	137.76382	301.10580	311.17871	5.73312	0.1605586	0.18147505	3.0897602	21	11 21.1	19.9
95587	2002 FB_{9}	15.2	X	35.79072	10.78373	200.84924	9.02420	0.0802080	0.21360241	2.7716089	21	5 25.4	18.7
95588	2002 FF_{9}	14.6	X	30.33273	198.89813	208.41464	10.71811	0.1285528	0.19142385	2.9817554	21	—	—
95589	2002 FN_{9}	14.6	X	92.41641	259.27436	334.19732	9.30360	0.0813101	0.17347335	3.1840573	21	9 7.7	19.2
95590	2002 FQ_{9}	14.6	X	17.68866	203.98843	199.55652	29.24218	0.1223635	0.23756893	2.5819211	21	—	—
95591	2002 FX_{9}	15.6	X	269.15855	298.37967	205.98307	12.73079	0.1114231	0.23819018	2.5774296	21	12 13.0	18.9
95592	2002 FL_{10}	14.7	X	250.20020	201.28697	319.75845	15.74483	0.0816937	0.18778897	3.0201093	21	11 30.3	19.3
95593	Azusienis	14.6	X	111.25176	130.04982	178.97494	16.15239	0.1024506	0.18498839	3.0505144	21	12 30.7	19.6
95594	2002 FS_{13}	13.9	X	109.10940	253.42444	25.79381	15.90887	0.2590419	0.18179096	3.0861796	21	12 1.2	19.4
95595	2002 FE_{15}	14.0	X	110.17044	125.15005	126.51319	19.69372	0.2652251	0.17763950	3.1340772	21	11 11.3	19.7
95596	2002 FL_{16}	14.5	X	12.12487	137.02022	166.65807	21.62876	0.0804155	0.16867611	3.2441456	21	8 18.5	18.8
95597	2002 FB_{21}	15.1	X	192.94829	258.04898	164.88499	17.33214	0.1239357	0.21536934	2.7564289	21	5 31.0	19.8
95598	2002 FK_{24}	15.2	X	333.92873	27.14547	6.58615	25.78795	0.2471743	0.28983701	2.2613450	21	11 2.5	17.0
95599	2002 FZ_{26}	14.6	X	79.40523	264.91372	33.27696	9.70548	0.0795612	0.18386462	3.0629314	21	11 11.5	19.1
95600	2002 FK_{27}	14.8	X	70.73313	302.31706	51.00578	10.14897	0.0276782	0.18977137	2.9990400	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95601 2002 FJ_{28}	14.7	X	204.33207	145.64916	85.56981	10.89921	0.0594499	0.19169851	2.9789066	21	—	—
95602 2002 FB_{29}	14.1	X	82.47439	249.04080	22.27860	25.41046	0.1742030	0.17487888	3.1669738	21	10 22.5	19.0
95603 2002 FT_{29}	14.8	X	3.62944	237.14199	106.19226	11.62760	0.0602119	0.17804205	3.1293513	21	10 3.6	19.1
95604 2002 FG_{30}	15.0	X	13.85240	57.63700	42.66160	4.29602	0.0717704	0.19485856	2.9466127	21	—	—
95605 2002 FL_{30}	14.8	X	152.48706	116.36003	124.88909	10.68174	0.0428619	0.18159831	3.0883619	21	11 24.5	19.5
95606 2002 FW_{30}	14.4	X	98.11438	265.99453	104.31320	15.37884	0.1337333	0.19593990	2.9357617	21	—	—
95607 2002 FZ_{31}	14.6	X	180.52524	146.68261	149.36604	17.13538	0.1226566	0.19486625	2.9465352	21	—	—
95608 2002 FL_{34}	15.5	X	119.78527	313.59776	208.38962	2.04723	0.1296278	0.21788637	2.7351596	21	7 18.4	19.5
95609 2002 FN_{34}	15.1	X	348.41025	228.84164	189.80564	11.38748	0.1448300	0.23550546	2.5969808	21	12 29.9	18.2
95610 2002 FQ_{34}	15.4	X	115.42691	301.18133	191.58897	8.87362	0.1038304	0.21257946	2.7804933	21	6 3.6	19.5
95611 2002 FS_{34}	14.7	X	19.68649	300.63843	185.24456	5.18128	0.0961347	0.19809844	2.9143968	21	1 6.4	18.2
95612 2002 FA_{35}	15.1	X	140.20975	53.99041	196.82696	2.29813	0.0344534	0.18114171	3.0935496	21	11 19.7	19.6
95613 2002 FG_{37}	15.0	X	257.92745	262.48733	83.01436	6.91927	0.0555033	0.21599245	2.7511251	21	5 7.2	18.8
95614 2002 FQ_{37}	14.5	X	82.36070	306.51887	77.52977	11.14351	0.0989481	0.19573570	2.9378031	21	—	—
95615 2002 FY_{38}	14.5	X	188.31748	156.42347	103.83634	15.68225	0.1301425	0.19231511	2.9725359	21	—	—
95616 2002 GJ_{7}	15.4	X	285.08801	62.39646	67.25158	6.30626	0.2308692	0.23928823	2.5695386	21	12 1.9	18.0
95617 2002 GP_{7}	14.3	X	208.54516	21.59493	38.19026	12.89504	0.0510988	0.21571602	2.7534749	21	6 10.4	18.4
95618 2002 GW_{7}	14.3	X	9.23781	316.61514	36.47616	23.40421	0.0714408	0.17546726	3.1598902	21	10 21.6	18.5
95619 2002 GZ_{7}	14.7	X	156.48267	190.78789	52.30179	8.11135	0.0684547	0.18114733	3.0934855	21	11 27.4	19.4
95620 2002 GC_{9}	14.9	X	173.41218	286.66565	199.15566	29.94629	0.0685939	0.21932512	2.7231849	21	7 21.5	19.6
95621 2002 GP_{14}	14.7	X	352.68534	353.15240	359.53342	22.83181	0.0664859	0.22933196	2.6433803	21	9 28.1	17.9
95622 2002 GU_{18}	14.2	X	181.31604	31.48503	205.38791	9.20653	0.0448142	0.18419443	3.0592741	21	12 18.2	18.8
95623 2002 GT_{23}	15.7	X	293.98278	124.50131	8.66551	4.05828	0.1934559	0.24004280	2.5641510	21	12 31.2	18.2
95624 2002 GP_{24}	15.7	X	14.91296	200.97751	183.74959	12.32907	0.1914319	0.23652072	2.5895438	21	—	—
95625 2002 GX_{32}	7.4	X	22.30708	186.59204	28.24946	13.94798	0.3779734	0.00252700	53.3825303	21	6 14.2	23.1
95626 2002 GZ_{32}	6.9	X	5.73674	155.94263	107.30945	15.00675	0.2237583	0.00881667	23.2059707	21	6 24.4	19.5
95627 2002 GK_{34}	15.4	X	190.48559	342.78139	142.42858	12.07688	0.0823456	0.22520082	2.6756095	21	8 14.9	19.1
95628 2002 GA_{35}	14.2	X	29.64039	329.26149	31.04470	17.93398	0.2205892	0.17812113	3.1284251	21	12 12.6	18.5
95629 2002 GM_{35}	15.1	X	101.47018	159.74579	189.41542	12.15836	0.1420905	0.19007059	2.9958916	21	—	—
95630 2002 GY_{35}	15.2	X	59.21812	320.35770	8.78685	1.65091	0.0919640	0.18133316	3.0913717	21	11 27.3	19.5
95631 2002 GR_{37}	16.2	X	233.67276	126.16334	284.97117	0.63972	0.0761883	0.21947762	2.7219233	21	6 28.7	20.0
95632 2002 GO_{42}	15.2	X	146.54405	218.32817	126.85710	3.18665	0.0717451	0.19472523	2.9479576	21	1 4.1	19.5
95633 2002 GX_{42}	15.1	X	321.02028	79.45894	7.45472	9.78335	0.0649421	0.18542520	3.0457217	21	12 5.8	19.2
95634 2002 GO_{48}	15.0	X	262.05467	123.83163	318.89923	11.07764	0.0420511	0.22701613	2.6613270	21	9 16.1	18.6
95635 2002 GC_{51}	15.2	X	246.43890	121.54424	119.39124	2.80342	0.0309974	0.19398756	2.9554262	21	—	—
95636 2002 GA_{55}	14.8	X	290.23747	201.14091	238.08474	8.39311	0.0759103	0.18079721	3.0974780	21	10 11.6	19.1
95637 2002 GQ_{55}	15.6	X	156.78582	148.25749	329.09058	4.02840	0.0557606	0.21656120	2.7463061	21	6 26.8	19.5
95638 2002 GP_{63}	15.1	X	121.25658	161.17304	77.70720	2.21421	0.1226448	0.17494038	3.1662316	21	10 21.3	20.1
95639 2002 GE_{67}	15.6	X	259.07390	192.89299	38.66512	0.40990	0.0397490	0.19450551	2.9501773	21	—	—
95640 2002 GC_{80}	14.6	X	307.43439	242.41592	162.40383	9.49486	0.0547056	0.17644256	3.1482350	21	9 27.5	18.8
95641 2002 GS_{81}	14.7	X	292.26086	285.82789	167.20011	10.46798	0.0991735	0.18165343	3.0877371	21	11 3.2	18.8
95642 2002 GV_{82}	14.9	X	221.84911	324.46546	156.51837	9.77098	0.0331069	0.17412092	3.1761579	21	9 16.5	19.4
95643 2002 GT_{83}	14.9	X	106.85669	284.06369	73.52063	10.28341	0.0749771	0.18995761	2.9970794	21	—	—
95644 2002 GC_{88}	15.3	X	107.98670	304.91306	178.46704	9.24176	0.1108932	0.20957421	2.8070113	21	5 15.5	19.4
95645 2002 GR_{88}	14.8	X	143.78572	29.20579	193.79073	18.14573	0.0992139	0.17506415	3.1647390	21	10 23.6	19.7
95646 2002 GX_{93}	14.9	X	103.29700	286.77463	240.96411	8.16241	0.0842177	0.21548871	2.7554109	21	6 30.5	18.8
95647 2002 GO_{95}	13.9	X	299.17579	17.24738	14.09766	23.58853	0.1247887	0.17127845	3.2112015	21	8 30.9	18.4
95648 2002 GX_{97}	14.6	X	149.56976	16.65067	230.71397	7.51559	0.1514966	0.18300069	3.0725637	21	11 27.0	19.6
95649 2002 GX_{98}	14.5	X	319.32466	242.42628	204.08769	14.41652	0.0738799	0.18587122	3.0408474	21	12 5.0	18.6
95650 2002 GA_{99}	14.7	X	10.34236	219.25830	207.04950	9.01145	0.0666225	0.18968464	2.9999540	21	—	—
95651 2002 GQ_{101}	14.7	X	83.77732	246.04702	55.82720	5.71034	0.1243684	0.17773074	3.1330045	21	11 26.1	19.3
95652 2002 GF_{102}	14.4	X	234.84809	312.79458	184.96395	22.91798	0.0798904	0.17869912	3.1216756	21	10 17.7	19.0
95653 2002 GM_{106}	14.6	X	145.97510	286.82825	62.10599	12.79538	0.0687957	0.19514677	2.9437108	21	1 8.2	19.0
95654 2002 GG_{107}	15.4	X	227.60851	245.10855	129.54149	5.31668	0.0866800	0.21301396	2.7767110	21	5 6.6	19.5
95655 2002 GL_{108}	14.7	X	59.02122	152.77964	146.09324	11.65717	0.0714880	0.17638112	3.1489661	21	10 22.1	19.2
95656 2002 GL_{109}	14.8	X	66.18107	241.84655	147.90159	13.68285	0.0673172	0.18906736	3.0064802	21	—	—
95657 2002 GX_{109}	14.8	X	268.52507	279.55130	242.15310	8.90700	0.0600041	0.18717412	3.0267196	21	12 28.4	19.0
95658 2002 GF_{115}	14.9	X	16.37174	357.43081	53.12120	10.65848	0.0662892	0.18714274	3.0270579	21	—	—
95659 2002 GF_{123}	15.1	X	48.38788	212.21328	186.70780	11.12184	0.2590800	0.24183411	2.5514732	21	—	—
95660 2002 GE_{125}	15.4	X	187.61559	194.73295	222.11798	5.01589	0.0783541	0.21495728	2.7599504	21	5 15.1	19.6
95661 2002 GX_{125}	15.7	X	139.83509	253.34001	207.01460	4.23159	0.1360537	0.21452311	2.7636730	21	5 23.2	19.9
95662 2002 GE_{132}	15.3	X	297.76468	190.34794	204.39958	7.75151	0.1662971	0.22395767	2.6855017	21	8 15.5	18.5
95663 2002 GB_{133}	16.7	X	309.96019	97.56783	24.76619	4.33115	0.1929969	0.24096565	2.5576000	21	—	—
95664 2002 GD_{136}	14.8	X	278.53698	212.37765	344.91018	7.49135	0.1234181	0.19253951	2.9702259	21	—	—
95665 2002 GO_{139}	15.4	X	72.75435	191.93647	201.03423	10.12897	0.0555186	0.19145490	2.9814330	21	—	—
95666 2002 GZ_{141}	15.0	X	195.21027	47.17930	48.50805	7.77817	0.1232862	0.21764818	2.7371548	21	7 12.1	19.4
95667 2002 GO_{146}	15.6	X	109.98641	34.44249	106.89725	6.16625	0.0810958	0.21461372	2.7628951	21	6 4.9	19.6
95668 2002 GT_{160}	15.5	X	192.15719	306.16838	154.76983	8.90819	0.0798988	0.22048250	2.7136467	21	7 15.2	19.6
95669 2002 GE_{161}	14.0	X	43.94848	273.32585	57.09920	17.67819	0.1536838	0.17545117	3.1600833	21	11 18.2	18.2
95670 2002 GR_{161}	14.2	X	106.19821	208.65008	39.78611	17.97984	0.0904162	0.17908418	3.1171993	21	10 17.9	18.9
95671 2002 GC_{163}	15.0	X	160.42288	133.70947	180.88148	9.50897	0.0849429	0.19299193	2.9655821	21	—	—
95672 2002 GX_{170}	14.1	X	82.44733	312.21816	247.38210	8.07205	0.0910271	0.16780299	3.2553892	21	7 15.5	18.7
95673 2002 GY_{170}	14.5	X	266.61875	248.14987	223.20042	10.82253	0.0461603	0.18261349	3.0769054	21	10 26.6	18.7
95674 2002 GW_{173}	14.3	X	24.45771	286.54016	76.72720	7.73075	0.1463069	0.17684418	3.1434668	21	12 1.2	18.4
95675 2002 GZ_{173}	15.7	X	208.93623	290.66505	189.90307	12.92924	0.1525368	0.22340206	2.6899524	21	8 21.2	20.1
95676 2002 GR_{174}	14.2	X	219.11406	301.89802	154.73820	11.95867	0.0431066	0.17114256	3.2129012	21	8 10.6	18.9
95677 2002 GJ_{177}	16.1	X	214.11911	14.51944	70.64330	10.19397	0.2217811	0.27460406	2.3442185	21	7 11.9	20.0
95678 2002 HM	14.7	X	180.78031	193.13576	54.94313	10.31075	0.0262551	0.18614289	3.0378879	21	—	—
95679 2002 HX	13.8	X	64.35648	276.83848	358.57110	25.12817	0.2442531	0.17665613	3.1456971	21	10 11.7	18.6
95680 2002 HU_{2}	15.2	X	176.40562	322.95319	108.89832	5.73030	0.0506562	0.21302629	2.7766038	21	5 22.4	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95681 2002 HP_{9}	14.5	X	235.09843	81.80750	124.89656	11.80846	0.0449226	0.18871930	3.0101756	21	—	—
95682 2002 HZ_{16}	15.6	X	100.10205	291.20974	73.01021	2.11388	0.0478770	0.19145989	2.9813812	21	—	—
95683 2002 JA	15.5	X	58.08398	199.74182	207.83591	1.21050	0.1247197	0.19489180	2.9462777	21	—	—
95684 2002 JN_{14}	15.0	X	233.60494	304.18644	159.51961	15.37658	0.1309142	0.22280471	2.6947582	21	8 30.4	19.0
95685 2002 JW_{20}	14.6	X	98.91938	255.16015	18.63431	16.23769	0.0654421	0.17695757	3.1421237	21	10 30.5	19.3
95686 2002 JZ_{21}	14.3	X	2.49652	240.14122	117.50652	20.81945	0.0895251	0.17250257	3.1959919	21	10 25.0	18.9
95687 2002 JK_{23}	15.6	X	102.17150	293.95662	210.07969	8.60593	0.1694871	0.21205411	2.7850837	21	6 10.7	19.7
95688 2002 JO_{25}	14.4	X	136.67943	126.75069	59.07518	15.83451	0.0258673	0.16809602	3.2516049	21	9 3.7	19.4
95689 2002 JG_{40}	14.7	X	14.65166	168.46493	208.37186	21.50243	0.1009478	0.23238401	2.6201846	21	12 9.5	18.3
95690 2002 JG_{44}	14.6	X	169.37590	212.69088	7.23672	11.21866	0.0496802	0.17991455	3.1076005	21	11 11.0	19.4
95691 2002 JK_{46}	15.2	X	162.19564	136.03997	37.34002	1.18654	0.1260691	0.17300850	3.1897581	21	9 12.0	20.3
95692 2002 JD_{62}	14.7	X	291.49201	226.03349	199.85179	11.04876	0.1564140	0.22810517	2.6528496	21	9 21.4	17.9
95693 2002 JA_{70}	13.8	X	92.63527	202.76835	60.44040	18.33261	0.1429488	0.17328248	3.1863951	21	10 27.9	18.7
95694 2002 JS_{70}	15.2	X	263.65502	233.22502	211.68884	21.39281	0.0606083	0.22655359	2.6649481	21	9 18.6	19.1
95695 2002 JV_{70}	14.2	X	99.13466	189.21919	41.91532	12.77501	0.0120025	0.17026484	3.2239334	21	9 11.3	18.9
95696 2002 JU_{75}	14.4	X	297.95770	62.81380	11.81645	23.51262	0.3225334	0.28358062	2.2944839	21	10 1.3	15.9
95697 2002 JQ_{77}	14.8	X	9.37432	226.20932	207.69830	12.44006	0.2091431	0.19129963	2.9830461	21	—	—
95698 2002 JM_{79}	15.2	X	256.71839	226.52788	216.08468	12.07263	0.1330761	0.22548877	2.6733312	21	8 25.8	19.1
95699 2002 JA_{84}	14.8	X	4.50972	340.23119	26.28833	9.53457	0.0863695	0.17469751	3.1691654	21	10 28.6	18.8
95700 2002 JP_{88}	15.4	X	261.35910	173.40070	32.86700	9.56303	0.0337640	0.19017842	2.9947591	21	—	—
95701 2002 JH_{109}	14.0	X	36.10997	81.53037	244.87943	16.77975	0.1000589	0.17267095	3.1939138	21	10 22.7	18.5
95702 2002 JY_{112}	14.4	X	198.50680	238.04315	247.60182	31.67616	0.0914134	0.21819131	2.7326106	21	8 7.5	19.3
95703 2002 JY_{122}	14.5	X	46.88303	169.96402	160.82536	12.26068	0.0111897	0.17770556	3.1333005	21	11 6.3	19.0
95704 2002 JS_{124}	15.2	X	333.02422	285.39314	173.14615	13.38416	0.2273959	0.23755526	2.5820201	21	—	—
95705 2002 JA_{133}	14.7	X	227.40829	198.65518	350.73716	9.67759	0.0682269	0.18305695	3.0719342	21	12 9.4	19.3
95706 2002 JQ_{135}	14.7	X	267.56680	289.17401	222.14304	9.41620	0.0649198	0.18106667	3.0944042	21	12 13.3	18.9
95707 2002 KZ_{1}	15.0	X	265.26056	59.55171	46.18489	22.37647	0.0401439	0.22847466	2.6499887	21	10 29.4	18.5
95708 2002 KM_{2}	14.8	X	92.04893	82.82760	53.89607	5.17489	0.0106908	0.20980201	2.8049790	21	4 26.3	18.5
95709 2002 LM_{3}	14.4	X	245.62745	320.21991	206.59443	27.60854	0.1953814	0.17986217	3.1082038	21	11 17.9	19.2
95710 2002 UJ_{38}	16.4	X	8.76325	34.27618	235.65881	7.53803	0.1515019	0.30008179	2.2095794	21	7 2.0	18.0
95711 2003 AK	14.7	X	359.77072	78.98223	108.41927	22.97302	0.3403875	0.27470223	2.3436599	21	—	—
95712 2003 AT_{2}	16.1	X	121.66879	354.24753	343.94837	20.00126	0.0784676	0.37235799	1.9135020	21	—	—
95713 2003 AJ_{60}	15.1	X	70.79236	197.69116	1.85821	9.84253	0.1790764	0.22846053	2.6500979	21	7 18.8	18.7
95714 2003 AB_{80}	15.9	X	16.61615	123.64685	121.33794	14.10513	0.1542654	0.22644819	2.6657749	21	6 13.7	18.8
95715 2003 BJ_{17}	15.8	X	307.05759	127.92830	97.78518	5.29184	0.1183677	0.26918902	2.3755517	21	1 13.9	19.0
95716 2003 BS_{20}	16.1	X	24.97172	193.10800	9.96872	7.22549	0.1518736	0.27745528	2.3281309	21	4 16.0	17.8
95717 2003 BK_{25}	15.6	X	123.74379	57.46811	176.51397	11.93686	0.2667235	0.24114203	2.5563527	21	11 1.9	20.2
95718 2003 BX_{26}	16.1	X	104.68597	279.26487	283.17121	4.23526	0.1779513	0.28909228	2.2652269	21	8 31.1	19.4
95719 2003 BG_{35}	16.5	X	108.77808	353.23701	255.18017	4.97073	0.1456414	0.29839204	2.2179133	21	11 3.4	19.6
95720 2003 BZ_{62}	15.8	X	310.89842	114.47408	135.62550	3.97416	0.0941781	0.27285533	2.3542238	21	2 23.5	18.8
95721 2003 CT_{7}	15.9	X	4.51574	185.14272	357.37229	11.68333	0.1603949	0.27023158	2.3694378	21	2 6.1	18.3
95722 2003 CG_{13}	14.6	X	185.34285	300.06625	11.37526	11.60433	0.2705802	0.26226744	2.4171659	21	1 8.3	18.9
95723 2003 CP_{13}	15.3	X	195.72075	246.79909	21.66667	10.20612	0.1965433	0.25861573	2.4398667	21	—	—
95724 2003 CH_{15}	14.6	X	344.36567	206.59203	96.01487	16.70746	0.2490466	0.22854519	2.6494435	21	6 23.6	16.7
95725 2003 CR_{17}	15.9	X	211.55646	263.99230	345.25506	6.34997	0.0857606	0.25789146	2.4444327	21	—	—
95726 2003 CO_{18}	16.2	X	318.92831	79.75481	150.58194	4.94356	0.0985340	0.27128792	2.3632831	21	2 6.2	18.9
95727 2003 DV_{5}	16.7	X	74.94590	157.56183	96.72588	3.21070	0.1674946	0.29271589	2.2464936	21	10 9.8	19.6
95728 2003 DZ_{13}	16.0	X	267.14599	31.55456	204.85842	7.28102	0.1739879	0.26158288	2.4213812	21	—	—
95729 2003 DJ_{15}	15.4	X	75.37134	105.82045	114.80360	17.85061	0.1144625	0.23293750	2.6160324	21	8 12.0	18.9
95730 2003 DO_{18}	16.2	X	348.05444	1.40370	230.95462	1.65898	0.1706829	0.27499884	2.3419744	21	3 13.7	18.5
95731 2003 DR_{20}	16.0	X	326.19828	237.85518	346.33125	1.98416	0.1546690	0.27083295	2.3659290	21	1 30.9	18.8
95732 2003 DS_{21}	16.0	X	22.42557	232.22351	1.88126	8.89053	0.1710798	0.28084708	2.3093483	21	6 2.2	18.0
95733 2003 DG_{22}	16.1	X	115.80241	60.51475	115.17563	8.83685	0.0371212	0.28604156	2.2813047	21	7 23.3	18.9
95734 2003 EJ_{4}	15.9	X	282.36208	319.90436	304.78343	5.82353	0.1071282	0.26988358	2.3714742	21	2 4.9	19.3
95735 2003 EW_{4}	16.0	X	304.68664	134.20324	96.77775	2.27314	0.1453856	0.26655467	2.3911777	21	1 14.8	19.3
95736 2003 EX_{5}	15.1	X	66.95603	267.03179	8.34696	11.94407	0.2601640	0.23278928	2.6171427	21	10 28.0	19.1
95737 2003 EN_{7}	16.5	X	29.33448	300.13374	312.10652	5.30989	0.0862296	0.28575395	2.2828352	21	7 12.0	18.7
95738 2003 EH_{11}	15.2	X	31.56542	351.67671	200.14678	9.20741	0.1459070	0.22110653	2.7085385	21	4 23.6	18.0
95739 2003 ES_{14}	16.4	X	241.46477	142.11888	99.84924	3.30619	0.1773548	0.26127017	2.4233129	21	—	—
95740 2003 EB_{16}	16.7	X	171.91797	36.63488	220.08390	4.91865	0.1251196	0.30726888	2.1749887	21	—	—
95741 2003 EC_{17}	16.3	X	36.18288	226.51211	173.19476	22.94541	0.0932137	0.36174259	1.9507560	21	—	—
95742 2003 ES_{20}	14.8	X	46.99914	273.05775	355.99713	20.54036	0.2906203	0.17841157	3.1250290	21	9 25.5	18.8
95743 2003 ET_{20}	16.3	X	229.82186	265.47644	21.99319	2.62475	0.1899589	0.26343799	2.4100004	21	1 10.7	20.2
95744 2003 EZ_{20}	16.1	X	246.29748	78.91058	200.23804	1.45166	0.1215932	0.26554826	2.3972155	21	1 15.8	19.8
95745 2003 EF_{22}	15.8	X	350.79642	207.99885	16.64894	5.99245	0.1401723	0.27452403	2.3446740	21	3 14.6	18.1
95746 2003 EW_{22}	16.2	X	285.60979	110.42604	130.31068	2.94657	0.1652071	0.26557398	2.3970607	21	1 4.2	19.8
95747 2003 EG_{23}	15.4	X	6.73151	92.45996	148.70282	5.55808	0.1613899	0.27773624	2.3265605	21	5 11.7	17.2
95748 2003 ET_{24}	15.8	X	269.30741	250.71047	17.23400	7.63285	0.1956582	0.26713124	2.3877357	21	1 21.8	19.7
95749 2003 EB_{25}	16.4	X	243.12750	184.19391	80.65261	4.37000	0.1264381	0.26372753	2.4082362	21	—	—
95750 2003 ED_{28}	16.1	X	274.02648	272.09063	27.80446	7.64755	0.1126781	0.27249999	2.3562700	21	3 15.5	19.4
95751 2003 EL_{28}	15.7	X	244.77678	176.51822	23.64272	6.97495	0.1010889	0.25415641	2.4683231	21	—	—
95752 2003 ER_{28}	16.0	X	30.12090	188.45885	61.52541	2.52570	0.1331167	0.28127446	2.3070084	21	7 15.6	17.9
95753 2003 EZ_{28}	16.1	X	235.06216	145.15989	166.87530	6.55547	0.1172934	0.26934732	2.3746209	21	2 13.7	19.7
95754 2003 EV_{29}	15.7	X	50.32612	145.50287	150.16752	8.03849	0.1524256	0.28970829	2.2620148	21	11 3.3	18.5
95755 2003 EC_{34}	17.0	X	236.70748	171.70804	141.30004	1.96707	0.1911807	0.27059109	2.3673387	21	2 14.9	20.9
95756 2003 EK_{34}	16.3	X	341.98775	321.81923	283.37721	4.12930	0.1936754	0.27516458	2.3410338	21	3 16.2	18.8
95757 2003 EZ_{34}	15.5	X	133.71377	7.34255	245.63406	4.21754	0.1306249	0.24404312	2.5360531	21	11 26.8	19.4
95758 2003 EA_{35}	15.8	X	93.24831	269.37286	319.81922	6.66450	0.1480748	0.23439882	2.6051482	21	9 15.3	19.6
95759 2003 EE_{37}	14.8	X	206.14680	285.72616	30.83707	24.15463	0.2622609	0.26581272	2.3956252	21	2 6.1	19.6
95760 2003 EF_{41}	15.9	X	357.26361	204.71344	29.70550	8.89372	0.1456970	0.27382429	2.3486668	21	4 10.1	17.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95761 2003 EK_{41}	16.4	X	221.45153	35.63494	221.26640	1.74514	0.1626269	0.25870748	2.4392898	21	—	—
95762 2003 EX_{43}	16.5	X	353.80680	103.33676	159.88678	6.34183	0.0704839	0.27958128	2.3163134	21	5 25.5	19.0
95763 2003 EO_{44}	17.0	X	343.15573	246.34612	17.77699	0.92515	0.0734472	0.27896308	2.3197342	21	5 5.9	19.5
95764 2003 EC_{46}	15.8	X	333.54915	77.42897	205.66342	8.60165	0.1347930	0.27745014	2.3281596	21	5 11.3	18.0
95765 2003 ED_{46}	15.8	X	275.61512	205.32806	344.62358	8.88546	0.1347322	0.25628566	2.4546327	21	—	—
95766 2003 EK_{46}	16.4	X	232.66913	265.92063	352.76482	1.15358	0.1122442	0.26142104	2.4223805	21	—	—
95767 2003 EY_{46}	14.7	X	288.35360	73.13958	219.11486	15.51364	0.3126204	0.21508718	2.7588391	21	2 25.5	19.4
95768 2003 EF_{47}	15.6	X	356.86690	19.76916	47.15158	22.47277	0.0990137	0.36056988	1.9549834	21	—	—
95769 2003 EF_{48}	15.2	X	73.11770	284.25991	287.65713	12.78800	0.2216063	0.22951286	2.6419912	21	8 8.2	18.9
95770 2003 EQ_{49}	16.2	X	16.89764	141.81659	137.95306	7.01453	0.1128605	0.28544497	2.2844822	21	8 3.8	18.3
95771 Lachat	15.5	X	65.02703	149.09894	84.31288	14.61803	0.1774788	0.23279853	2.6170734	21	8 30.2	19.2
95772 2003 EE_{52}	16.0	X	308.99894	201.36064	85.45243	5.89382	0.1844708	0.27535080	2.3399782	21	3 31.7	18.9
95773 2003 EC_{53}	15.6	X	289.89259	30.96314	210.37841	22.91738	0.1568767	0.26506229	2.4001447	21	1 5.8	19.7
95774 2003 EQ_{53}	15.7	X	29.49709	198.59176	63.44809	13.74371	0.1314095	0.22823036	2.6518794	21	8 4.1	19.0
95775 2003 ET_{53}	15.1	X	128.68851	85.05388	138.99654	12.29613	0.2294574	0.23561417	2.5961818	21	10 25.3	19.7
95776 2003 EM_{57}	14.6	X	312.24619	131.04729	122.10589	14.71348	0.1512205	0.21568146	2.7537690	21	3 5.6	18.4
95777 2003 EW_{58}	15.5	X	83.24950	9.76913	214.02447	12.61516	0.1152183	0.23309356	2.6148646	21	8 20.3	19.4
95778 2003 EB_{59}	15.3	X	226.94773	209.42931	42.19382	12.58967	0.2314152	0.25689909	2.4507236	21	—	—
95779 2003 EH_{59}	15.8	X	126.32147	203.35447	207.67739	23.48820	0.0741024	0.37654795	1.8992809	21	1 17.3	18.3
95780 2003 EH_{60}	15.3	X	22.62748	106.68692	135.79723	10.12615	0.1815372	0.22424702	2.6831911	21	6 23.4	18.1
95781 2003 EO_{60}	15.4	X	131.76019	143.66704	109.88253	8.96477	0.2150590	0.24242734	2.5473091	21	11 28.9	19.8
95782 Hansgraf	15.9	X	16.49460	102.00580	155.83210	13.01275	0.2370660	0.22714881	2.6602905	21	7 7.8	18.3
95783 2003 FJ_{6}	15.8	X	358.02694	123.89082	204.32850	3.08422	0.1798093	0.28693669	2.2765577	21	9 19.5	17.4
95784 2003 FS_{6}	16.3	X	83.18665	0.90149	326.20332	2.27154	0.1428031	0.24775035	2.5106906	21	—	—
95785 Csányivilmos	15.6	X	114.31859	164.11959	20.03474	9.53368	0.0545268	0.23063477	2.6334164	21	8 6.6	19.4
95786 2003 FN_{7}	16.3	X	140.68796	38.02244	2.15568	19.93979	0.1608154	0.37692055	1.8980290	21	2 24.0	18.4
95787 2003 FJ_{12}	15.1	X	51.17307	129.98547	107.18424	13.83555	0.1446534	0.23148543	2.6269609	21	8 4.1	18.3
95788 2003 FL_{12}	15.8	X	97.29877	329.11226	283.71703	3.60487	0.1060935	0.23727463	2.5840556	21	10 16.3	19.5
95789 2003 FY_{15}	16.2	X	175.78293	277.28338	297.98108	7.53555	0.0874771	0.29837600	2.2179928	21	12 1.3	19.3
95790 2003 FA_{16}	15.4	X	20.09178	322.19900	341.14223	10.22367	0.1914530	0.23073512	2.6326527	21	9 18.7	18.1
95791 2003 FY_{18}	16.6	X	306.87762	131.87588	87.02299	2.28019	0.1389298	0.26500516	2.4004896	21	1 2.9	19.9
95792 2003 FZ_{19}	15.1	X	203.75346	285.82181	14.92362	13.96613	0.2820093	0.26330202	2.4108300	21	1 9.9	19.6
95793 Brock	15.9	X	230.43869	93.50776	191.52892	8.83508	0.0748851	0.26411463	2.4058825	21	1 7.2	19.5
95794 2003 FN_{21}	15.4	X	139.94038	147.08216	87.51186	14.35649	0.1432690	0.24240315	2.5474786	21	11 14.3	19.6
95795 2003 FT_{23}	16.0	X	72.53279	38.99317	160.75523	3.50240	0.1101612	0.22902188	2.6457658	21	7 7.2	19.3
95796 2003 FM_{24}	16.1	X	290.94725	128.80948	126.72081	3.28285	0.2008940	0.26676923	2.3898954	21	1 24.3	19.7
95797 2003 FC_{27}	16.1	X	193.29976	147.86123	193.68193	7.32700	0.2026723	0.26670847	2.3902584	21	2 11.7	20.1
95798 2003 FX_{28}	15.4	X	297.35475	91.17837	154.85842	13.51499	0.1753277	0.21146098	2.7902892	21	1 30.3	19.5
95799 2003 FN_{30}	15.1	X	207.37256	158.58634	156.55791	9.66492	0.1484717	0.20916283	2.8106906	21	1 30.4	19.7
95800 2003 FS_{30}	14.4	X	59.93573	75.10230	160.86276	16.91973	0.3212164	0.17470218	3.1691090	21	9 7.3	18.7
95801 2003 FZ_{41}	15.8	X	137.22425	22.35324	188.53180	8.61876	0.1033101	0.23913844	2.5706116	21	10 8.1	19.6
95802 Francismuir	15.7	X	206.27393	180.34983	138.03790	0.82059	0.2092558	0.26466956	2.4025184	21	1 27.9	19.5
95803 2003 FX_{45}	15.9	X	338.09760	255.57714	50.18901	2.42226	0.1829307	0.28109807	2.3079734	21	6 19.1	17.5
95804 2003 FK_{47}	16.2	X	257.80299	310.60271	14.15058	2.38018	0.2242834	0.27165684	2.3611430	21	3 18.0	19.8
95805 2003 FA_{50}	14.6	X	25.83011	111.82538	173.42704	13.88771	0.1791981	0.17569701	3.1571349	21	8 26.7	18.3
95806 2003 FV_{51}	14.3	X	196.07364	336.82044	314.70748	15.83519	0.2307809	0.20502044	2.8484239	21	—	—
95807 2003 FX_{51}	15.7	X	148.24349	172.48479	62.98052	6.39553	0.1568038	0.24487936	2.5302762	21	11 19.5	19.8
95808 2003 FQ_{52}	16.1	X	36.14105	75.08701	95.78902	6.81752	0.0487483	0.27344756	2.3508235	21	3 22.9	18.8
95809 2003 FA_{54}	16.5	X	73.29137	144.21390	91.63113	1.59216	0.1724996	0.28504505	2.2866185	21	9 11.2	19.4
95810 2003 FS_{54}	15.1	X	325.30337	112.26438	111.68106	8.19996	0.0978580	0.21330254	2.7742060	21	2 20.4	18.7
95811 2003 FB_{57}	15.7	X	343.04118	74.49398	181.20460	7.07225	0.1607123	0.22246887	2.6974696	21	4 21.2	18.6
95812 2003 FA_{59}	16.8	X	52.48334	259.96619	29.43553	6.57319	0.1105874	0.29171455	2.2516315	21	10 19.2	19.4
95813 2003 FW_{68}	16.1	X	225.45812	186.16039	82.24528	3.51621	0.1706910	0.25823258	2.4422795	21	—	—
95814 2003 FW_{69}	15.6	X	268.47577	189.70473	136.67274	7.06779	0.1607328	0.27476271	2.3433160	21	4 7.7	19.0
95815 2003 FY_{73}	16.3	X	55.01536	26.15351	145.41794	3.09503	0.0926609	0.27520619	2.3407979	21	4 25.2	18.7
95816 2003 FR_{74}	16.4	X	56.62066	140.80660	94.76505	7.31131	0.0839136	0.28297349	2.2977647	21	8 2.7	19.0
95817 2003 FC_{75}	15.2	X	61.39055	208.24681	56.03093	14.20894	0.1151091	0.23233845	2.6205271	21	9 27.8	18.9
95818 2003 FW_{79}	15.8	X	28.56436	141.26129	168.66019	5.90963	0.2141721	0.28735018	2.2743732	21	10 31.5	18.1
95819 2003 FB_{80}	15.6	X	40.03972	176.37374	83.40133	5.86431	0.0654944	0.23001309	2.6381593	21	8 7.1	18.8
95820 2003 FL_{80}	15.2	X	286.88091	128.33671	119.49879	8.58670	0.1750002	0.21135002	2.7912658	21	1 22.7	19.4
95821 2003 FJ_{82}	15.6	X	74.69472	235.18034	40.08503	13.71133	0.1703826	0.23591599	2.5939671	21	10 29.4	19.3
95822 2003 FM_{82}	16.0	X	84.19949	189.35181	103.08249	6.00310	0.1852517	0.23946440	2.5682783	21	12 1.7	20.0
95823 2003 FW_{82}	16.1	X	32.10087	153.37120	133.65605	7.15844	0.0989062	0.28590726	2.2820190	21	9 13.3	18.4
95824 Elger	16.1	X	100.29923	3.19989	311.84851	4.22364	0.1686580	0.30093069	2.2054221	21	—	—
95825 2003 FJ_{86}	15.8	X	94.12838	282.47651	331.26209	4.54907	0.1726812	0.23730483	2.5838363	21	10 20.7	19.8
95826 2003 FA_{87}	15.8	X	84.50839	6.04786	255.47036	4.72379	0.1488088	0.23707266	2.5855230	21	10 18.0	19.6
95827 2003 FO_{88}	16.2	X	346.22234	105.43823	131.11979	2.96320	0.2021474	0.27197417	2.3593060	21	3 14.2	18.4
95828 2003 FD_{90}	16.0	X	348.78861	238.89008	312.03136	6.82319	0.0730258	0.26816593	2.3815899	21	1 31.2	18.7
95829 2003 FJ_{91}	16.3	X	165.63705	250.12722	318.25157	4.03511	0.1015148	0.29648276	2.2274250	21	11 8.8	19.5
95830 2003 FN_{92}	15.9	X	129.45688	109.09081	123.04828	4.12223	0.0782329	0.24001370	2.5643583	21	10 27.2	19.6
95831 2003 FP_{92}	15.6	X	313.22548	116.88494	150.13842	5.07986	0.0835285	0.21805039	2.7337879	21	4 1.6	19.1
95832 2003 FQ_{98}	15.3	X	314.70434	296.87080	22.21078	6.79545	0.2352509	0.27977071	2.3152677	21	5 11.9	17.8
95833 2003 FD_{99}	16.1	X	257.32580	267.44361	49.22920	2.92354	0.2231015	0.27099555	2.3649826	21	3 8.7	19.8
95834 2003 FF_{101}	16.2	X	248.35734	207.35368	123.96831	6.55213	0.1182194	0.27410211	2.3470795	21	3 27.5	19.6
95835 2003 FF_{103}	15.6	X	107.89436	84.38297	169.41594	1.85385	0.2548249	0.18493682	3.0510814	21	11 5.5	20.7
95836 2003 FS_{104}	15.8	X	76.06274	141.14230	98.71554	1.72452	0.0585005	0.23179176	2.6246459	21	8 29.5	19.2
95837 2003 FU_{105}	15.9	X	62.27546	243.05185	33.27503	14.29704	0.2297226	0.23408354	2.6074869	21	10 24.1	19.4
95838 2003 FJ_{107}	15.6	X	3.65188	229.00172	55.34810	7.32401	0.1159435	0.28033207	2.3121758	21	7 16.6	17.7
95839 2003 FN_{107}	15.6	X	340.62279	196.52689	68.79981	7.22012	0.0901966	0.27418504	2.3466062	21	5 3.9	18.1
95840 2003 FT_{107}	15.0	X	345.01951	54.56578	203.12557	13.64972	0.1252923	0.21716315	2.7412288	21	5 2.2	18.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95841 2003 FB_{109}	15.2	X	19.45757	292.77449	52.75486	14.96132	0.1751763	0.23900982	2.5715337	21	11 17.5	18.0
95842 2003 FX_{111}	15.6	X	224.01987	249.26518	61.25522	10.20661	0.1876070	0.26390016	2.4071858	21	2 5.4	19.7
95843 2003 FZ_{113}	15.9	X	335.33695	325.26466	329.17798	3.34546	0.1297736	0.27949849	2.3167708	21	5 31.6	18.1
95844 2003 FE_{114}	17.0	X	140.11363	355.21599	273.85962	1.41570	0.0559505	0.30181501	2.2011121	21	—	—
95845 2003 FS_{114}	15.9	X	61.35046	326.81157	155.49171	6.38041	0.0818128	0.26687687	2.3892527	21	2 20.9	18.4
95846 2003 FZ_{115}	15.3	X	273.57910	166.73833	159.87804	9.48696	0.1910643	0.21642255	2.7474790	21	4 15.2	19.5
95847 2003 FK_{118}	15.7	X	262.19313	289.28428	348.88482	12.01108	0.2051049	0.21385995	2.7693834	21	2 4.6	20.4
95848 2003 FQ_{119}	15.3	X	282.37828	225.90802	46.90416	8.45459	0.1889458	0.21132395	2.7914953	21	2 19.4	19.6
95849 2003 FZ_{120}	16.5	X	158.33574	113.00487	170.42725	8.73728	0.1531978	0.25211601	2.4816228	21	—	—
95850 2003 FA_{122}	14.6	X	22.35958	150.35504	156.54172	15.07147	0.2078776	0.17720560	3.1391911	21	9 27.2	18.2
95851 Stromvil	15.9	X	115.30936	228.06249	30.76467	8.94903	0.1370908	0.24291972	2.5438658	21	11 15.1	19.8
95852 Leatherbarrow	16.2	X	260.56870	5.86984	234.23709	0.73320	0.1367622	0.26153983	2.4216469	21	—	—
95853 Jamescarpenter	16.1	X	229.91711	93.50040	184.86054	6.91704	0.0788040	0.25981517	2.4323518	21	—	—
95854 2003 GD_{3}	16.2	X	51.52112	287.20931	6.44401	5.02690	0.1722996	0.29125788	2.2539845	21	10 31.9	19.0
95855 2003 GD_{5}	16.3	X	292.26357	30.07952	186.85860	2.32413	0.1363319	0.26203085	2.4186207	21	—	—
95856 2003 GG_{6}	15.2	X	56.06845	88.68834	181.00690	11.38380	0.1791755	0.22967677	2.6407340	21	9 29.9	18.6
95857 2003 GV_{9}	15.2	X	359.22327	35.25034	196.01101	12.43355	0.1234392	0.21761468	2.7374357	21	4 19.9	18.1
95858 2003 GW_{9}	16.2	X	336.34168	5.93335	185.22344	7.42830	0.1868479	0.26392706	2.4070222	21	—	—
95859 2003 GG_{10}	15.6	X	343.82534	318.50448	155.23484	14.76144	0.0388648	0.25533102	2.4607472	21	—	—
95860 2003 GC_{11}	16.0	X	259.37515	176.43042	79.05357	9.66551	0.1705254	0.26312390	2.4119179	21	—	—
95861 2003 GU_{12}	14.9	X	49.61008	189.32251	13.63761	13.88616	0.1864258	0.22385475	2.6863247	21	6 16.6	18.2
95862 2003 GK_{13}	16.2	X	323.04085	178.72625	107.76033	1.49553	0.1800521	0.27703422	2.3304893	21	4 19.6	18.5
95863 2003 GE_{21}	16.2	X	119.36176	87.29962	168.46225	12.78893	0.1458057	0.24271063	2.5453266	21	11 19.8	20.4
95864 2003 GC_{22}	14.7	X	100.61969	38.17199	201.40451	10.39729	0.1799282	0.18242809	3.0789898	21	10 6.4	19.5
95865 2003 GA_{23}	14.6	X	60.87407	46.77395	231.87572	6.64517	0.1332495	0.18005486	3.1059860	21	10 2.5	19.0
95866 2003 GM_{23}	16.4	X	63.81832	287.80783	330.18961	1.51267	0.0940498	0.28615075	2.2807243	21	9 16.2	19.0
95867 2003 GO_{23}	15.7	X	346.79754	251.92073	38.77710	3.85723	0.2505181	0.22237032	2.6982664	21	6 9.5	17.8
95868 2003 GB_{29}	14.6	X	117.51536	197.44783	64.29065	14.56605	0.2491249	0.18546894	3.0452428	21	11 21.5	19.9
95869 2003 GC_{29}	15.9	X	254.75257	113.01076	169.61824	4.78893	0.0509116	0.26588728	2.3951773	21	2 1.7	19.2
95870 2003 GE_{34}	15.1	X	336.80880	190.78943	92.01310	15.54200	0.0765906	0.22277608	2.6949891	21	5 29.9	18.4
95871 2003 GY_{34}	15.4	X	103.06405	234.17407	79.80047	15.99962	0.1529612	0.24506971	2.5289658	21	—	—
95872 2003 GB_{36}	15.5	X	2.32181	171.59535	88.60317	15.17502	0.1082770	0.22559854	2.6724639	21	6 6.8	18.4
95873 2003 GH_{37}	16.2	X	151.17708	178.78507	200.87101	7.62163	0.0511399	0.26574719	2.3960190	21	2 2.8	19.5
95874 2003 GA_{44}	15.5	X	256.91273	218.23222	136.68592	13.78009	0.1057124	0.27528897	2.3403286	21	5 11.4	19.0
95875 2003 GU_{44}	16.3	X	261.14344	4.81821	262.68180	0.59163	0.1595210	0.26335116	2.4105301	21	1 14.5	20.1
95876 2003 GC_{46}	15.4	X	162.62547	171.19394	120.10515	6.28860	0.2434703	0.19659052	2.9292808	21	—	—
95877 2003 GT_{46}	15.7	X	74.88727	63.92105	151.25033	8.90333	0.1098029	0.22954559	2.6417400	21	7 31.3	19.2
95878 2003 GG_{50}	15.4	X	132.78323	256.01243	45.92170	13.59955	0.2300568	0.19240144	2.9716467	21	—	—
95879 2003 GW_{50}	14.9	X	218.74049	180.71183	82.58563	10.89776	0.2806319	0.20025989	2.8933884	21	—	—
95880 2003 GW_{53}	15.9	X	272.75616	200.67063	139.27662	5.56438	0.1124843	0.22209474	2.7004980	21	5 10.3	19.7
95881 2003 HR	16.2	X	253.25159	312.61416	254.21685	2.12680	0.1208377	0.25479416	2.4642026	21	—	—
95882 Longshaw	15.9	X	115.11324	353.48440	171.25505	5.82106	0.1437679	0.28165858	2.3049105	21	7 18.8	19.1
95883 2003 HO_{3}	15.7	X	121.30618	155.68469	80.63445	1.02041	0.1790324	0.18443862	3.0565733	21	10 22.4	20.7
95884 2003 HY_{3}	16.0	X	23.73890	92.35604	206.22636	10.89545	0.1985410	0.22952503	2.6418978	21	9 19.1	18.9
95885 2003 HL_{4}	15.7	X	28.46718	7.14828	270.63792	1.92619	0.1522887	0.22873841	2.6479512	21	8 22.9	18.6
95886 2003 HY_{4}	14.8	X	23.53002	187.24100	203.51481	13.55448	0.0909395	0.19001813	2.9964431	21	12 27.8	19.0
95887 2003 HE_{5}	16.2	X	230.72280	262.91791	82.26642	3.49707	0.1862033	0.26846342	2.3798302	21	3 23.5	20.0
95888 2003 HV_{8}	15.8	X	33.18741	65.83765	205.19124	4.34731	0.1427666	0.22825091	2.6517202	21	8 19.1	18.8
95889 2003 HE_{9}	16.5	X	351.22960	286.12447	262.09738	0.88453	0.1350146	0.26645163	2.3917942	21	1 22.3	19.1
95890 2003 HK_{9}	15.5	X	128.63851	323.19354	310.41562	9.39665	0.2131218	0.24451589	2.5327831	21	12 18.8	19.9
95891 2003 HH_{10}	16.1	X	46.42276	81.67765	223.83427	10.92241	0.1696609	0.23451980	2.6042522	21	11 1.8	19.5
95892 2003 HO_{11}	15.4	X	292.39167	185.99235	203.81740	22.52793	0.1434059	0.28517224	2.2859386	21	8 2.9	18.6
95893 2003 HY_{11}	14.9	X	305.85418	205.47686	94.21196	11.00663	0.1784016	0.21737491	2.7394483	21	4 23.8	18.6
95894 2003 HA_{12}	15.1	X	34.70816	177.54241	105.60309	16.08402	0.1561763	0.22801172	2.6535744	21	9 19.9	18.5
95895 2003 HF_{12}	15.9	X	346.01100	116.20830	108.11542	7.01559	0.0602006	0.26961199	2.3730665	21	3 19.9	18.7
95896 2003 HH_{13}	16.0	X	265.32719	153.38886	188.75677	6.80247	0.1306143	0.27392502	2.3480910	21	4 27.1	19.1
95897 2003 HZ_{14}	15.7	X	242.51973	266.58226	69.14897	7.40655	0.1484772	0.26966320	2.3727661	21	3 26.5	19.4
95898 2003 HQ_{16}	15.4	X	348.42466	321.79486	224.67566	23.47066	0.0795103	0.26448412	2.4036413	21	1 16.5	18.9
95899 2003 HZ_{20}	16.1	X	359.34012	205.33654	61.11028	5.11734	0.1207329	0.27617154	2.3353399	21	6 5.8	17.9
95900 2003 HF_{21}	16.2	X	339.80083	236.15170	68.94850	2.96136	0.1029207	0.27980406	2.3150837	21	6 30.8	18.3
95901 2003 HY_{22}	16.0	X	152.77333	326.48065	286.32915	2.25329	0.0857858	0.24614556	2.5215914	21	12 15.9	19.6
95902 2003 HL_{24}	14.4	X	112.92693	216.91382	77.61932	18.86745	0.1847133	0.18640802	3.0350067	21	12 20.5	19.5
95903 2003 HC_{27}	14.5	X	89.38604	256.30013	60.93520	13.73091	0.1757914	0.18782341	3.0197401	21	12 25.7	19.3
95904 2003 HO_{29}	16.5	X	297.93493	329.53106	268.42422	1.12512	0.1766957	0.26324606	2.4111717	21	1 12.7	20.0
95905 2003 HE_{30}	15.7	X	37.37477	28.48443	228.07894	12.97311	0.2210700	0.22558073	2.6726046	21	8 13.5	19.0
95906 2003 HJ_{30}	15.5	X	58.63478	252.89021	17.16883	4.62907	0.2139243	0.23016957	2.6369635	21	10 8.7	19.0
95907 2003 HE_{31}	16.5	X	187.06536	222.93680	80.38195	2.22368	0.1594755	0.25512314	2.4620837	21	—	—
95908 2003 HX_{31}	16.1	X	96.29192	49.47834	203.22653	8.26119	0.1482771	0.23489311	2.6014922	21	10 21.1	20.0
95909 2003 HN_{32}	15.5	X	82.12709	76.11439	203.65744	6.15066	0.2430507	0.18067441	3.0988813	21	11 12.6	20.3
95910 2003 HE_{36}	15.8	X	306.45400	243.34400	90.31430	7.44229	0.0964681	0.22576741	2.6711311	21	6 17.6	19.0
95911 2003 HK_{39}	15.7	X	260.96667	14.97460	229.78166	5.73313	0.0914360	0.25862263	2.4398233	21	—	—
95912 2003 HN_{40}	14.7	X	187.90996	78.39203	227.55200	11.39935	0.0988850	0.19989197	2.8969377	21	1 1.1	19.3
95913 2003 HE_{41}	14.8	X	354.89258	322.49151	223.42408	8.38304	0.2341326	0.21175687	2.7876894	21	1 22.8	18.0
95914 2003 HT_{41}	15.7	X	103.87322	265.77737	313.54065	3.30773	0.1671954	0.23176328	2.6248609	21	9 16.9	19.7
95915 2003 HM_{46}	16.5	X	87.02036	96.66687	107.09423	4.28522	0.0771633	0.28231117	2.3013571	21	7 30.2	19.2
95916 2003 HU_{47}	15.9	X	110.48164	219.72544	351.54557	7.47414	0.0530207	0.28761985	2.2729514	21	9 8.1	18.7
95917 2003 HM_{48}	15.3	X	139.02846	340.89243	229.13078	14.15774	0.0438357	0.23442873	2.6049266	21	10 1.9	19.2
95918 2003 HQ_{48}	16.0	X	138.36072	54.23283	204.40441	5.82649	0.1120332	0.24075093	2.5591205	21	12 7.9	19.9
95919 2003 HC_{51}	15.4	X	155.96334	55.90613	148.73706	8.07819	0.1417368	0.23622943	2.5916721	21	10 21.7	19.6
95920 2003 HJ_{52}	14.7	X	13.23592	215.90772	107.32954	9.24145	0.2127496	0.17540876	3.1605926	21	10 5.0	18.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
95921 2003 HJ_{53}	16.2	X	358.37077	291.15285	332.66905	6.77576	0.0992900	0.27605752	2.3359829	21	5 30.2	18.6
95922 2003 HK_{54}	16.1	X	33.76846	296.05863	14.02613	6.51812	0.1296097	0.28917402	2.2648001	21	10 22.6	18.6
95923 2003 HN_{55}	15.3	X	220.99957	107.75901	177.29198	18.98119	0.2035757	0.20479646	2.8505003	21	1 7.2	20.5
95924 2003 JT_3	15.6	X	77.79021	144.37235	120.65858	6.28919	0.1752311	0.28626200	2.2801334	21	10 28.9	18.8
95925 2003 JF_7	16.1	X	82.12315	2.53285	172.22880	3.76674	0.0333885	0.27509246	2.3414430	21	6 2.8	18.9
95926 2003 JC_9	15.9	X	292.19158	197.20172	186.31902	6.07425	0.1228615	0.28411043	2.2916305	21	8 1.6	18.5
95927 2003 JP_9	15.6	X	286.43085	101.71414	159.85891	2.98862	0.0633639	0.21159954	2.7890710	21	2 21.3	19.5
95928 Tonycook	15.1	X	1.75949	121.79081	151.98116	13.19616	0.1552063	0.22193850	2.7017653	21	6 25.2	18.1
95929 2003 JG_{14}	15.3	X	46.37751	63.99347	176.55322	11.48873	0.1402831	0.22436925	2.6822165	21	7 27.4	18.6
95930 2003 JC_{16}	15.0	X	55.34433	123.29244	124.22362	16.24597	0.1661815	0.17335629	3.1854904	21	8 25.4	19.3
95931 2003 JT_{16}	14.4	X	101.22791	88.82810	168.32525	25.94576	0.2166202	0.17956143	3.1116734	21	11 4.2	19.8
95932 2003 JE_{17}	14.0	X	287.92597	114.61919	321.44594	16.99051	0.1104685	0.24265164	2.5457391	21	9 30.7	17.4
95933 2003 KF	14.7	X	62.35668	168.20197	140.03228	12.33709	0.1055566	0.18206030	3.0831350	21	11 12.3	19.3
95934 2003 KM_2	15.4	X	108.82051	110.83971	166.10043	10.90214	0.1321232	0.18383085	3.0633065	21	11 25.9	20.3
95935 Grego	16.0	X	25.78859	47.28762	151.59810	6.58830	0.0551194	0.27157090	2.3616411	21	4 15.0	18.6
95936 2003 KG_{17}	14.9	X	171.91362	101.08979	202.48343	10.38611	0.0838849	0.19688142	2.9263946	21	—	—
95937 2003 KY_{18}	15.0	X	97.22773	116.12033	180.47517	10.04533	0.1755510	0.18324498	3.0698324	21	12 9.9	20.0
95938 2003 KJ_{20}	14.7	X	79.07866	15.05824	259.56308	16.24390	0.2387627	0.23160628	2.6260470	21	11 6.5	19.0
95939 Thagnesland	16.2	X	15.05138	187.42146	164.78582	4.79491	0.1011529	0.23420109	2.6066143	21	11 9.8	19.3
95940 2003 LT_2	15.9	X	65.35017	48.78522	227.58195	2.53815	0.1375390	0.23085277	2.6317582	21	10 13.5	19.3
95941 2003 LX_3	15.0	X	104.95273	39.08670	244.03568	11.95209	0.1791546	0.23733277	2.5836335	21	12 7.9	19.1
95942 2003 LU_5	14.9	X	9.58254	305.36309	344.89509	0.94978	0.2903605	0.16846000	3.2469195	21	8 13.4	17.8
95943 2003 LY_6	14.4	X	31.91524	291.96555	59.94309	1.50851	0.2707230	0.17859182	3.1229259	21	12 15.9	18.4
95944 2003 MN_2	13.7	X	132.03663	286.53992	291.12699	23.64273	0.2901002	0.17578113	3.1561275	21	9 30.9	19.8
95945 2003 MG_5	14.3	X	30.61563	113.81561	266.43731	12.75183	0.2292124	0.17704757	3.1410588	21	—	—
95946 2003 MP_7	14.4	X	36.23698	147.15719	163.86571	27.05684	0.1729034	0.17524715	3.1625355	21	10 21.6	18.8
95947 2003 NG_1	14.2	X	136.43021	3.31126	280.97749	11.09119	0.0757657	0.18187618	3.0852155	21	12 26.1	18.8
95948 2003 OS_7	14.4	X	53.87088	206.16861	149.73449	16.88097	0.0874077	0.17884795	3.1199435	21	12 23.3	19.1
95949 2003 OX_{18}	14.5	X	26.40532	153.79064	229.05411	12.07308	0.1975924	0.17715250	3.1398183	21	—	—
95950 2003 OZ_{18}	15.3	X	207.82290	318.78068	243.19921	11.87438	0.1299674	0.23751587	2.5823056	21	12 6.2	19.0
95951 Ernestopalomba	13.6	X	325.73395	113.21165	330.23943	16.81647	0.1131276	0.17647348	3.1478673	21	12 4.9	17.8
95952 2003 QP_{12}	12.8	X	54.80258	309.61523	84.89251	7.10341	0.2875651	0.12501857	3.9611356	21	—	—
95953 2003 QV_{19}	13.8	X	264.84558	131.68440	355.10181	11.13743	0.1214225	0.17224996	3.1991158	21	10 27.8	18.4
95954 Bayzoltán	14.7	X	26.65962	264.11022	152.47870	21.84439	0.1384622	0.18180973	3.0859672	21	—	—
95955 Claragianni	14.1	X	79.60490	314.22871	329.90773	10.71044	0.1741985	0.17209011	3.2010966	21	11 1.7	19.2
95956 2003 RG_{12}	14.0	X	138.68382	255.98716	1.06203	25.65461	0.2133092	0.17832977	3.1259845	21	11 20.4	19.8
95957 2003 SU_{101}	13.0	X	69.66577	103.62435	299.89882	10.11710	0.2341609	0.12567421	3.9473467	21	1 16.4	17.8
95958 2003 SW_{167}	14.7	X	113.43338	170.53352	229.25896	9.92545	0.1002646	0.19282035	2.9673411	21	2 1.0	19.0
95959 Covadonga	15.2	X	217.57747	205.57343	29.32362	6.40213	0.0832677	0.18278996	3.0749247	21	—	—
95960 2003 SX_{282}	14.3	X	20.64860	192.87037	212.07236	20.87654	0.0992166	0.17841072	3.1250389	21	—	—
95961 2003 UF_{185}	15.6	X	161.28982	201.65647	343.55738	1.41947	0.0271513	0.21433601	2.7652812	21	9 27.6	19.4
95962 Copito	14.6	X	321.79620	268.73248	214.13063	21.23612	0.0351072	0.17125939	3.2114398	21	—	—
95963 2004 KE_4	14.3	X	40.41304	138.57641	99.83470	30.37561	0.1773311	0.23193648	2.6235540	21	7 21.7	17.3
95964 2004 KL_6	15.6	X	155.66518	152.67820	173.70349	4.43087	0.2094503	0.26006872	2.4307706	21	—	—
95965 2004 KP_{16}	16.0	X	177.19532	351.85519	309.37322	2.04599	0.1841978	0.25898756	2.4375308	21	—	—
95966 2004 KW_{16}	15.5	X	34.21433	165.64000	105.67473	2.11667	0.1729275	0.17407035	3.1767730	21	8 23.7	19.4
95967 2004 LZ_3	14.2	X	350.64391	181.42176	140.73586	27.56458	0.2554137	0.17691049	3.1426812	21	8 9.3	17.0
95968 2004 LR_8	15.3	X	287.50359	169.00965	124.43237	14.34205	0.1623268	0.21825207	2.7321034	21	3 26.1	19.4
95969 2004 LS_8	16.0	X	226.99961	58.71050	283.09203	4.19001	0.2350359	0.27177050	2.3604846	21	3 10.5	20.0
95970 2004 LT_8	16.1	X	227.55626	174.99704	118.06640	5.63248	0.2286713	0.26711278	2.3878458	21	1 14.4	20.2
95971 2004 LU_8	15.5	X	161.45533	204.97673	127.74906	3.58920	0.1933473	0.26070779	2.4267966	21	1 5.5	19.2
95972 2004 LX_8	15.3	X	249.63247	16.31483	289.39406	6.88064	0.2037891	0.21376069	2.7702406	21	2 20.6	20.0
95973 2004 LQ_{16}	15.8	X	255.75883	130.80259	203.70241	6.38087	0.2335607	0.27428117	2.3460578	21	3 26.2	19.7
95974 2004 LU_{17}	15.3	X	44.19857	180.23828	103.22004	14.25926	0.1559834	0.23685169	2.5871309	21	10 6.6	18.8
95975 2004 LX_{17}	14.8	X	83.70863	311.28771	315.27423	15.78430	0.2420154	0.18320878	3.0702367	21	10 21.6	20.0
95976 2004 LY_{17}	15.6	X	161.27358	263.56933	60.93994	2.80081	0.2173895	0.25905601	2.4371014	21	—	—
95977 2004 LY_{21}	16.4	X	309.20710	200.97481	88.44732	6.20959	0.2414535	0.28040727	2.3117625	21	3 26.1	19.4
95978 2004 LT_{22}	15.3	X	241.14910	201.57266	127.67401	9.04665	0.2715209	0.21410708	2.7672519	21	3 14.8	20.2
95979 2004 LZ_{25}	16.7	X	275.38650	155.51005	168.73214	3.69278	0.2484411	0.27808671	2.3246053	21	3 31.1	20.1
95980 Haroldhill	14.9	X	223.25652	176.14718	178.79358	14.50843	0.2180845	0.21296228	2.7771602	21	3 31.8	19.6
95981 2004 LK_{30}	15.3	X	342.12226	13.12903	239.13957	12.19262	0.2649893	0.22361401	2.6882524	21	3 22.4	18.3
95982 Beish	15.7	X	232.82984	116.49585	244.56821	8.76712	0.2837289	0.27436417	2.3455847	21	4 4.9	20.0
95983 2004 MB_7	15.0	X	308.65678	160.42153	141.61358	14.07617	0.2142506	0.22421363	2.6834574	21	4 24.7	18.7
95984 2004 NT_1	14.6	X	36.32909	201.62666	120.11350	17.47739	0.1251470	0.18169472	3.0872693	21	11 1.7	19.0
95985 2004 NV_1	15.9	X	205.70532	41.31669	309.53253	8.24964	0.2502167	0.26931774	2.3747947	21	3 4.7	20.2
95986 2004 NU_2	15.6	X	260.87957	121.95504	176.05882	4.91640	0.0888769	0.21402851	2.7679291	21	3 5.4	19.7
95987 2004 NH_3	16.1	X	211.29190	336.39984	32.60386	4.45263	0.2509686	0.27145883	2.3622911	21	4 3.3	20.2
95988 2004 NJ_4	14.9	X	266.40065	73.13111	276.91403	22.57107	0.2452259	0.27547921	2.3392510	21	4 16.3	19.0
95989 2004 NT_4	15.5	X	72.45113	328.41916	277.83368	9.76038	0.0866563	0.23483086	2.6019519	21	8 31.8	19.2
95990 2004 NC_7	14.4	X	40.76138	178.96485	153.71699	18.26363	0.1832779	0.17849076	3.1241046	21	11 25.6	18.9
95991 2004 ND_7	15.2	X	312.48868	242.04556	115.63226	7.91303	0.2566121	0.22575723	2.6712115	21	7 5.9	17.8
95992 2004 NF_8	16.4	X	350.21912	232.72277	140.89384	14.44437	0.1985914	0.23800100	2.5787953	21	11 11.7	19.1
95993 2004 NG_{10}	15.2	X	242.53052	345.24507	309.56924	12.43820	0.1475589	0.21206973	2.7849469	21	2 6.4	19.5
95994 2004 NB_{11}	14.8	X	137.88923	261.95540	134.06939	11.33442	0.2531933	0.20576686	2.8415312	21	3 17.1	19.5
95995 2004 NC_{11}	14.7	X	231.22295	195.78223	131.70623	10.00225	0.1471107	0.15572299	3.4216393	21	3 16.5	20.2
95996 2004 NR_{12}	16.0	X	113.64098	324.10077	18.75696	2.98540	0.2070762	0.25438359	2.4668533	21	—	—
95997 2004 NZ_{16}	14.4	X	356.06303	221.00492	123.35117	17.30243	0.1062999	0.17644787	3.1481719	21	9 25.7	18.6
95998 2004 NP_{17}	14.8	X	13.90744	260.04343	145.82788	12.49094	0.1780189	0.18873318	3.0100280	21	—	—
95999 2004 NX_{21}	16.3	X	284.89925	181.38964	133.60585	13.42211	0.1736879	0.27843858	2.3226464	21	4 12.1	19.7
96000 2004 NU_{22}	16.3	X	41.32103	347.00662	288.83548	6.24776	0.1442426	0.29254397	2.2473737	21	9 14.0	18.7