Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368001 2012 FT_{44}	16.1	X	105.69394	205.12836	79.42135	2.21420	0.1500405	0.18139523	3.0906665	20	12 6.2	21.1
368002 2012 FU_{44}	15.7	X	191.39854	276.57679	258.49488	7.91548	0.1671470	0.17996471	3.1070231	20	10 11.7	20.8
368003 2012 FT_{45}	16.5	X	112.27747	252.36835	348.07461	0.72089	0.1613902	0.17318783	3.1875558	20	10 21.5	21.5
368004 2012 FB_{53}	16.4	X	328.30330	89.31189	48.27839	4.29995	0.0387531	0.21407905	2.7674935	20	—	—
368005 2012 FS_{53}	16.8	X	135.22187	191.34490	81.61672	5.92670	0.1282867	0.18800798	3.0177635	20	12 19.4	21.5
368006 2012 FQ_{56}	16.8	X	209.05728	265.60944	23.88091	2.28917	0.0383871	0.22553254	2.6729853	20	1 7.7	20.6
368007 2012 FL_{58}	16.7	X	248.14555	12.65532	236.36092	2.24266	0.0451900	0.22231341	2.6987269	20	1 2.1	20.4
368008 2012 FT_{58}	17.1	X	24.31370	28.72382	106.33100	2.90758	0.0650020	0.23363245	2.6108421	20	1 31.8	20.3
368009 2012 FA_{59}	16.0	X	330.78608	72.67434	74.58991	7.14921	0.0324012	0.21638260	2.7478171	20	—	—
368010 2012 FW_{59}	15.5	X	179.95195	129.51785	85.79677	12.69880	0.0104029	0.18490893	3.0513882	20	12 1.7	19.8
368011 2012 FX_{61}	16.4	X	346.38286	248.72762	294.88647	3.06997	0.1831552	0.23512916	2.5997508	20	1 23.4	19.0
368012 2012 FS_{63}	16.7	X	159.72582	152.36061	88.03462	1.42637	0.1199015	0.18945523	3.0023753	20	12 4.5	21.5
368013 2012 FB_{66}	16.9	X	201.07523	208.94874	51.07282	5.19906	0.0273411	0.21258200	2.7804711	20	—	—
368014 2012 FX_{66}	17.7	X	200.75308	288.31727	50.55822	3.83473	0.0593203	0.23885851	2.5726196	20	2 28.7	21.4
368015 2012 FW_{69}	16.5	X	288.69573	113.76430	67.64594	9.54467	0.0875151	0.21345971	2.7728440	20	—	—
368016 2012 FL_{70}	16.3	X	156.52536	237.88331	93.59387	7.52437	0.0273055	0.21551143	2.7552172	20	—	—
368017 2012 FV_{71}	15.9	X	82.82819	165.24256	141.22419	10.28585	0.0595619	0.18683355	3.0303966	20	12 3.6	20.5
368018 2012 FB_{72}	16.3	X	153.05860	336.47969	357.34266	5.36195	0.0036348	0.22030487	2.7151051	20	—	—
368019 2012 FW_{76}	16.6	X	284.62916	357.82667	205.70657	4.65633	0.0481653	0.22003133	2.7173549	20	—	—
368020 2012 FM_{77}	16.1	X	237.15856	318.57202	293.31434	8.48678	0.0934282	0.22175659	2.7032426	20	—	—
368021 2012 FW_{77}	15.4	X	94.42281	8.89295	273.88386	8.40234	0.0631307	0.18380157	3.0636319	20	11 14.8	20.0
368022 2012 FL_{80}	15.1	X	203.34947	38.99875	131.44544	16.58166	0.1255115	0.17828080	3.1265569	20	10 29.5	20.2
368023 2012 FM_{80}	16.2	X	335.92744	152.26212	34.83087	5.62433	0.1041744	0.23109041	2.6299537	20	1 25.7	19.4
368024 2012 FR_{82}	15.9	X	286.03726	3.82267	72.47388	7.24418	0.1307575	0.18634137	3.0357303	20	10 10.3	19.8
368025 2012 GS_{2}	16.1	X	119.76331	241.51348	35.31058	5.35859	0.1400303	0.18174743	3.0866723	20	12 8.8	21.0
368026 2012 GJ_{7}	16.5	X	290.02491	328.90852	224.81895	8.29803	0.0879770	0.21372374	2.7705599	20	—	—
368027 2012 GD_{19}	16.3	X	210.77224	78.30277	91.94384	3.20428	0.0477439	0.18222904	3.0812315	20	11 8.9	20.6
368028 2012 GM_{19}	16.2	X	127.84857	215.22639	63.44455	4.26558	0.0632892	0.18693443	3.0293062	20	12 17.3	20.6
368029 2012 GX_{19}	16.3	X	109.66072	335.56864	57.18596	6.57839	0.0440379	0.22134205	2.7066167	20	1 20.2	20.0
368030 2012 GX_{27}	15.8	X	100.72383	139.65746	120.98697	7.10899	0.0593899	0.17046412	3.2214204	20	10 27.9	20.6
368031 2012 GG_{30}	16.5	X	100.75431	0.82777	23.13246	6.25805	0.0510197	0.21656216	2.7462981	20	—	—
368032 2012 GT_{30}	17.4	X	154.49344	326.83214	159.74452	7.65218	0.1276404	0.27453367	2.3446191	20	7 18.9	21.0
368033 2012 GJ_{33}	16.9	X	97.10901	0.69299	38.69393	6.90188	0.0395120	0.21867724	2.7285610	20	1 12.1	20.6
368034 2012 GK_{34}	15.5	X	176.68776	339.48331	218.33848	8.38234	0.0908631	0.17768303	3.1335653	20	10 31.1	20.2
368035 2012 GW_{34}	16.5	X	172.33167	1.80488	229.31311	5.93607	0.0569751	0.18615036	3.0378066	20	12 8.3	20.9
368036 2012 GP_{38}	15.9	X	8.43162	271.65995	133.43021	10.96326	0.0846601	0.18639348	3.0351645	20	—	—
368037 2012 HD_{4}	16.4	X	102.43241	154.29491	155.24289	10.68531	0.0850246	0.18896465	3.0075695	20	12 28.9	21.1
368038 2012 HJ_{5}	16.4	X	231.41420	135.38229	80.17592	7.40685	0.0572004	0.20342102	2.8633350	20	—	—
368039 2012 HS_{8}	15.9	X	113.07065	183.55066	91.85392	11.98020	0.0492148	0.18021531	3.1041421	20	11 27.7	20.5
368040 2012 HY_{8}	15.9	X	173.37191	112.32192	106.31932	12.67901	0.0643360	0.18206852	3.0830422	20	11 26.1	20.7
368041 2012 HG_{11}	16.1	X	40.48608	261.17645	143.00622	6.88812	0.0438718	0.20242282	2.8727405	20	—	—
368042 2012 HW_{12}	15.9	X	144.38763	112.25731	120.72260	9.60827	0.0329894	0.17204329	3.2016773	20	11 11.2	20.7
368043 2012 HK_{21}	16.1	X	137.56992	275.43834	74.17978	6.99462	0.0764602	0.21409773	2.7673325	20	1 5.3	20.0
368044 2012 HP_{21}	15.2	X	77.23997	196.20473	101.06037	10.46556	0.0631743	0.17543973	3.1602207	20	11 15.6	19.9
368045 2012 HM_{25}	15.8	X	247.71580	66.08153	91.30006	10.96571	0.0424838	0.18589298	3.0406101	20	12 8.4	19.9
368046 2012 HR_{26}	15.6	X	243.74306	306.14202	194.36611	8.51473	0.0333725	0.17967909	3.1103149	20	11 13.6	20.0
368047 2012 HS_{26}	16.8	X	12.91534	336.33185	181.27977	3.82100	0.1161232	0.23155200	2.6264573	20	2 10.3	19.8
368048 2012 HJ_{27}	16.1	X	113.85482	233.52820	139.55330	12.51407	0.0421298	0.21108477	2.7936036	20	1 1.3	20.1
368049 2012 HR_{31}	16.5	X	163.93992	132.05099	188.83774	3.19094	0.0854437	0.21316332	2.7754137	20	—	—
368050 2012 HS_{31}	16.9	X	338.54497	165.87306	10.62394	1.67640	0.1180839	0.22848549	2.6499050	20	1 12.7	19.9
368051 2012 HK_{36}	16.0	X	111.47009	82.25619	192.41426	26.21897	0.0951993	0.17645385	3.1481008	20	11 26.8	21.2
368052 2012 HB_{37}	15.1	X	102.57976	225.05715	88.97116	23.31985	0.1149449	0.18420081	3.0592035	20	—	—
368053 2012 HM_{42}	16.8	X	319.80576	33.56595	143.25088	4.45330	0.0206853	0.21875558	2.7279095	20	1 2.7	20.4
368054 2012 HH_{43}	16.8	X	292.61910	156.50366	35.86215	5.19604	0.0125353	0.21355702	2.7720016	20	—	—
368055 2012 HF_{45}	16.4	X	220.16634	73.08664	122.23145	2.22606	0.0617042	0.18894201	3.0078097	20	12 18.6	20.6
368056 2012 HB_{51}	15.6	X	25.52412	254.40934	134.94443	11.68741	0.0785137	0.18650662	3.0339369	20	—	—
368057 2012 HH_{53}	16.5	X	136.37365	270.10759	97.47393	7.34086	0.0613417	0.21937708	2.7227549	20	1 23.7	20.2
368058 2012 HK_{57}	16.4	X	305.49218	70.26551	96.17339	10.02389	0.1040981	0.21569203	2.7536790	20	—	—
368059 2012 HX_{58}	16.5	X	90.11322	254.57430	126.87862	5.28779	0.0792202	0.20949427	2.8077253	20	—	—
368060 2012 HN_{62}	16.8	X	204.60955	176.32905	94.77433	5.50120	0.0240274	0.21103134	2.7940751	20	—	—
368061 2012 HZ_{63}	16.4	X	197.30017	44.17239	163.66800	2.19844	0.1513861	0.18474774	3.0531628	20	11 29.3	21.1
368062 2012 HG_{66}	15.7	X	326.56964	358.53632	86.20258	10.65191	0.0990647	0.18973848	2.9993865	20	12 23.3	19.3
368063 2012 HE_{69}	16.2	X	143.36178	117.94648	133.70281	12.57507	0.0496853	0.17701565	3.1414364	20	12 2.4	21.1
368064 2012 HE_{72}	16.4	X	324.99743	25.99731	131.97120	6.11107	0.0995130	0.21241959	2.7818882	20	—	—
368065 2012 HH_{75}	16.7	X	133.80244	336.50975	77.94931	8.21084	0.1537584	0.23840093	2.5759104	20	3 31.8	20.7
368066 2012 JU_{3}	16.8	X	46.93292	287.92669	195.50688	11.06696	0.1449563	0.23004472	2.6379175	20	2 23.3	19.7
368067 2012 JU_{5}	16.1	X	20.01919	340.48021	150.01826	13.93190	0.1240625	0.21984704	2.7188732	20	1 18.7	19.3
368068 2012 JL_{8}	15.6	X	110.93234	57.70374	225.15280	9.06680	0.0430422	0.17663169	3.1459873	20	12 1.5	20.2
368069 2012 JB_{14}	16.6	X	299.91219	119.28832	166.07287	7.29523	0.2104578	0.23573100	2.5953240	20	3 27.1	19.9
368070 2012 JF_{41}	15.1	X	11.39900	275.99099	119.31506	22.61157	0.0651357	0.17840715	3.1250805	20	12 22.8	19.5
368071 2012 JP_{58}	16.7	X	140.65925	164.45566	211.03940	4.60727	0.0653379	0.22249549	2.6972544	20	2 5.3	20.5
368072 2012 JS_{59}	16.7	X	232.74174	96.80488	48.08034	1.59297	0.0960739	0.17500410	3.1654629	20	10 26.5	21.4
368073 2012 KP	16.1	X	118.77928	138.21795	103.12288	4.74542	0.0558972	0.16997427	3.2276066	20	10 23.5	20.9
368074 2012 KB_{14}	16.3	X	61.52438	309.70091	100.40440	4.81938	0.0983794	0.21021349	2.8013175	20	—	—
368075 2012 KV_{14}	15.4	X	100.00603	269.16567	92.76151	5.91635	0.2474836	0.19847583	2.9107013	20	1 1.9	19.4
368076 2012 KM_{32}	15.7	X	74.56330	143.73021	215.51606	11.89813	0.0500816	0.19102301	2.9859252	20	—	—
368077 2012 KZ_{46}	16.5	X	289.60100	192.03000	117.62553	5.98078	0.1375578	0.23863499	2.5742258	20	4 27.7	19.9
368078 2012 LB_{8}	14.7	X	294.51113	241.91061	125.81170	4.53835	0.0598895	0.13882461	3.6939561	20	7 26.9	19.8
368079 2012 MR	15.0	X	210.76810	295.20107	162.26382	9.90047	0.0802555	0.14774032	3.5438066	20	8 3.4	20.4
368080 2012 MZ_{15}	16.6	X	227.00690	175.01730	197.78900	15.76695	0.1578853	0.23566976	2.5957736	20	5 4.9	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368081 2012 QG_{14}	15.7	X	315.24782	240.27515	281.21422	11.15322	0.0315567	0.18373605	3.0643601	20	—	—
368082 2012 RR_{11}	15.8	X	106.71636	59.55656	339.95924	8.61854	0.0925093	0.17540638	3.1606213	20	2 7.9	20.3
368083 2012 ST_{64}	16.0	X	272.04860	73.04035	273.72236	14.04216	0.0797308	0.22120149	2.7077632	20	5 30.6	19.8
368084 2012 TL_{226}	17.2	X	172.78502	61.44396	96.16416	5.34092	0.1461112	0.23642485	2.5902437	20	9 16.4	21.4
368085 2012 TE_{296}	16.5	X	273.52721	348.01104	22.24402	5.98607	0.0317615	0.21851190	2.7299372	20	7 12.6	20.2
368086 2012 TE_{297}	13.3	X	259.46652	321.05926	22.94991	27.12166	0.0285129	0.08463602	5.1376663	20	5 11.8	20.3
368087 2012 UM_{112}	16.7	X	318.78975	265.48804	89.47237	4.11155	0.0978761	0.23003948	2.6379575	20	8 22.4	19.6
368088 2012 US_{130}	17.8	X	66.35160	310.89593	21.74795	2.60481	0.2160277	0.26835108	2.3804943	20	—	—
368089 2012 VF_{33}	16.4	X	134.59750	241.12843	191.31023	4.65346	0.1542662	0.18513121	3.0489452	20	4 22.9	21.0
368090 2012 XT_{118}	16.8	X	291.02054	108.15282	212.48627	4.02042	0.1042186	0.20040241	2.8920164	20	5 18.5	20.7
368091 2012 XC_{140}	16.9	X	296.09232	224.36923	91.92577	2.59112	0.0776225	0.20231740	2.8737384	20	5 23.8	20.6
368092 2013 AK_{4}	15.6	X	80.31049	253.71459	274.06113	16.54268	0.0916167	0.18147228	3.0897916	20	6 11.8	19.9
368093 2013 AN_{29}	15.9	X	329.38253	165.37165	101.41746	6.81665	0.0352709	0.19291578	2.9663624	20	5 12.4	19.9
368094 2013 AR_{42}	16.7	X	191.34838	174.23551	112.63526	7.55754	0.1210668	0.26423698	2.4051398	20	—	—
368095 2013 AF_{44}	16.8	X	33.28812	101.17786	129.75769	2.14274	0.0392052	0.18401599	3.0612515	20	6 22.5	20.8
368096 2013 AP_{64}	16.4	X	53.31289	138.11404	243.75137	5.12591	0.1257402	0.25528608	2.4610360	20	—	—
368097 2013 BN	13.5	X	257.76226	2.03183	78.36390	10.40435	0.0682028	0.08350781	5.1838368	20	9 5.1	20.5
368098 2013 BP_{70}	17.2	X	332.13690	63.28031	115.18028	7.05408	0.0594062	0.26984871	2.3716785	20	1 5.8	19.9
368099 2013 CP	14.9	X	94.48043	203.10870	141.65677	9.65760	0.2075940	0.12630896	3.9341111	20	—	—
368100 2013 CU_{1}	15.9	X	243.10586	56.16260	307.93752	15.61366	0.0808295	0.18081189	3.0973104	20	5 13.8	20.8
368101 2013 CF_{9}	17.7	X	186.92358	281.20314	307.71157	19.25690	0.0562213	0.36875641	1.9259411	20	—	—
368102 2013 CW_{191}	14.0	X	220.23986	143.07889	350.14805	23.81916	0.1117200	0.08357939	5.1808768	20	9 15.4	21.3
368103 2013 EN	17.6	X	5.70515	227.35150	157.70880	23.84126	0.0928062	0.35889971	1.9610439	20	—	—
368104 2013 EK_{86}	15.8	X	166.95435	281.34826	48.41895	14.82281	0.2210964	0.25320214	2.4745210	20	1 22.5	20.1
368105 2013 EZ_{105}	15.6	X	68.71472	192.45114	34.28376	13.41615	0.0971981	0.17743036	3.1365395	20	8 18.7	20.2
368106 2013 EE_{121}	16.6	X	161.87853	285.48358	206.64150	1.72106	0.1615069	0.18175390	3.0865990	20	7 29.3	21.7
368107 2013 FJ_{14}	17.5	X	22.45046	145.22187	118.35571	2.85239	0.0900419	0.30933854	2.1652765	20	8 7.5	19.5
368108 2013 GE_{19}	16.7	X	253.36384	210.55101	108.41135	7.77818	0.1327809	0.28153981	2.3055586	20	3 26.1	20.0
368109 2013 GX_{36}	15.6	X	43.86999	191.45252	54.84046	9.92315	0.0692759	0.17075031	3.2178198	20	8 2.3	20.1
368110 2013 GA_{39}	16.2	X	48.85788	209.69298	43.52468	0.68527	0.1324282	0.17719828	3.1392775	20	8 25.2	20.3
368111 2013 GV_{39}	16.9	X	238.16696	58.52551	71.62176	13.58296	0.1984505	0.21003108	2.8029391	20	10 13.5	21.2
368112 2013 GK_{52}	15.4	X	96.90256	147.26445	52.14697	28.63068	0.1600023	0.17196121	3.2026960	20	9 4.4	20.9
368113 2013 GS_{56}	16.4	X	301.87056	343.65608	99.52723	4.87551	0.0681437	0.21443290	2.7644481	20	11 22.7	19.8
368114 2013 GP_{70}	15.6	X	69.88816	15.43646	224.18960	12.40558	0.0371910	0.17370051	3.1812807	20	8 15.8	20.3
368115 2013 GQ_{79}	17.2	X	344.09527	102.83870	94.25841	5.83440	0.1682540	0.26593291	2.3949033	20	2 4.7	19.6
368116 2013 GU_{92}	16.2	X	186.06324	212.96607	63.14744	14.66008	0.2298822	0.22547810	2.6734156	20	—	—
368117 2013 GY_{100}	15.1	X	337.95894	300.80521	53.05065	10.05587	0.1028944	0.18059757	3.0997603	20	9 18.2	19.0
368118 2013 GQ_{110}	16.7	X	177.28083	30.95875	230.39156	10.74980	0.2704599	0.21768657	2.7368329	20	—	—
368119 2013 GC_{114}	16.7	X	246.38569	160.70254	66.90701	10.07289	0.2866580	0.23462002	2.6035105	20	—	—
368120 2013 GM_{116}	15.5	X	6.90162	214.27724	57.31600	9.91601	0.0400085	0.17248938	3.1961549	20	7 8.9	19.9
368121 2013 GL_{130}	16.6	X	294.17474	170.39970	106.21184	14.29127	0.1984905	0.26527676	2.3988509	20	3 12.3	20.1
368122 2013 GW_{130}	17.1	X	34.51869	222.38565	42.62804	7.74996	0.1651928	0.30227797	2.1988641	20	9 16.6	19.4
368123 2013 HB_{4}	15.7	X	153.23992	116.47152	44.66971	18.07588	0.0437770	0.18230484	3.0803773	20	9 2.9	20.6
368124 2013 HQ_{18}	16.6	X	172.63753	226.16808	52.26260	14.00575	0.1514668	0.22361645	2.6882328	20	—	—
368125 2013 HM_{21}	17.0	X	216.89721	253.04734	63.33951	6.51773	0.1296485	0.25603848	2.4562122	20	2 15.9	20.8
368126 2013 JH_{8}	18.1	X	294.59967	141.42708	119.96877	2.34693	0.1660907	0.26198379	2.4189104	20	2 21.2	21.1
368127 2013 JO_{15}	17.0	X	209.66996	154.85533	138.16017	13.74940	0.2895256	0.23288193	2.6164485	20	1 12.1	21.8
368128 2013 JF_{18}	15.8	X	242.60319	69.71202	214.16381	17.31876	0.2537354	0.24218832	2.5489849	20	1 20.0	20.6
368129 2013 JL_{32}	16.0	X	16.63501	149.65111	196.64406	10.07295	0.2225277	0.17490992	3.1665991	20	11 18.4	19.8
368130 2013 JM_{32}	16.3	X	103.85593	141.74542	209.91858	12.21389	0.1970924	0.21259920	2.7803212	20	—	—
368131 2013 JH_{35}	16.5	X	225.73874	351.73369	245.39377	11.06290	0.1452217	0.22819035	2.6521894	20	—	—
368132 2013 JL_{35}	16.8	X	267.02338	329.32596	243.76185	8.77891	0.1495690	0.23747721	2.5825858	20	—	—
368133 2013 JZ_{36}	16.2	X	201.80525	196.28508	87.12225	13.49207	0.1445641	0.23057944	2.6338376	20	—	—
368134 2013 JM_{37}	17.2	X	27.24786	343.11272	252.25772	4.99931	0.0997314	0.29010806	2.2599363	20	6 30.2	19.2
368135 2013 JU_{37}	15.6	X	69.96157	154.71118	142.32268	25.37054	0.1961829	0.18113531	3.0936224	20	11 27.8	20.8
368136 2013 JW_{39}	15.9	X	331.04823	288.24419	113.64361	11.23120	0.0980161	0.18719825	3.0264595	20	11 9.4	19.8
368137 2013 KA_{1}	15.8	X	197.11848	23.83199	221.21245	8.56816	0.0712861	0.21786273	2.7353575	20	—	—
368138 2013 KW_{6}	16.5	X	194.01841	188.50429	63.38580	12.89241	0.0852913	0.22049255	2.7135642	20	—	—
368139 2013 KN_{13}	17.3	X	270.41314	227.71882	78.70709	5.64696	0.1559190	0.26380576	2.4077601	20	3 26.5	20.7
368140 2013 KV_{13}	17.5	X	152.49197	182.78552	115.87199	24.41438	0.0365838	0.36075611	1.9543106	20	—	—
368141 2013 LC_{5}	16.3	X	212.48922	214.72412	101.27663	6.13942	0.2357481	0.24226532	2.5484447	20	2 10.3	20.8
368142 2013 LF_{12}	15.8	X	102.07073	145.06284	113.92997	22.76377	0.0646439	0.18502445	3.0501179	20	11 6.3	20.7
368143 2013 LW_{13}	15.8	X	317.35538	46.98363	126.52433	5.74053	0.1793950	0.24263114	2.5458825	20	—	—
368144 2013 LZ_{15}	15.4	X	260.20428	17.28410	298.11655	19.03984	0.2613271	0.25194133	2.4827697	20	3 4.7	19.8
368145 2013 LG_{17}	17.1	X	41.21571	4.51023	226.51771	7.68582	0.0951415	0.29147275	2.2528766	20	7 16.1	19.6
368146 2013 LD_{21}	15.8	X	139.91907	349.45409	206.76378	17.43945	0.2231218	0.18104765	3.0946209	20	9 24.7	21.3
368147 2013 LM_{21}	15.6	X	102.70955	7.58463	229.01499	10.12594	0.1764796	0.17721669	3.1390601	20	10 7.9	20.8
368148 2013 LV_{21}	16.0	X	230.53079	304.04226	255.65539	13.09564	0.1048507	0.21454843	2.7634556	20	—	—
368149 2013 LX_{22}	17.4	X	345.32376	180.90185	114.30971	7.86359	0.1712684	0.28948556	2.2631749	20	7 15.2	18.8
368150 1992 DC	17.1	X	81.26674	154.66645	350.86769	10.41399	0.4570593	0.25191607	2.4829357	20	7 5.6	21.3
368151 1995 SO_{12}	17.2	X	100.92898	31.40816	350.27569	4.69868	0.0565527	0.21355607	2.7720099	20	—	—
368152 1995 SF_{15}	18.1	X	260.25395	25.83514	338.71999	2.35285	0.1024399	0.26927158	2.3750661	20	6 5.1	21.1
368153 1995 UX_{1}	17.3	X	243.83580	15.44316	14.06089	15.17314	0.4423555	0.22738490	2.6584488	20	5 13.7	22.5
368154 1997 WS_{10}	18.7	X	327.28579	354.92855	39.75585	3.65001	0.2322421	0.30135601	2.2033466	20	12 4.6	19.8
368155 1998 BS_{29}	18.2	X	300.30622	94.56916	329.63089	3.46726	0.1122367	0.29470064	2.2363958	20	11 11.2	20.1
368156 1998 OL_{3}	17.0	X	274.23765	79.16548	274.81588	6.62422	0.1160665	0.26511879	2.3998036	20	6 7.3	20.0
368157 1998 RM_{44}	18.2	X	86.86815	346.20531	13.93563	6.44526	0.3438380	0.28378537	2.2933801	20	—	—
368158 1998 SE_{53}	15.1	X	278.02128	338.31219	26.98174	9.45952	0.1849844	0.12328380	3.9982079	20	6 13.9	20.8
368159 1998 XO_{23}	15.3	X	10.76533	182.09779	245.66738	10.33056	0.1203028	0.18567306	3.0430105	20	—	—
368160 1999 HW_{2}	16.1	X	343.02771	86.20898	180.02350	27.15402	0.4041749	0.23323796	2.6137852	20	4 14.2	17.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368161 1999 RU_{23}	17.5	X	95.06110	233.65481	165.88098	16.68264	0.1999189	0.34960655	1.9956437	20	1 1.6	19.3
368162 1999 RU_{67}	16.4	X	118.27591	213.86414	180.43943	13.57191	0.2453312	0.21009825	2.8023417	20	2 26.4	20.8
368163 1999 RE_{198}	17.9	X	71.72508	133.51368	215.40770	8.31230	0.3000588	0.29514006	2.2341754	20	—	—
368164 1999 RR_{208}	16.5	X	152.73798	72.02988	295.64240	5.78852	0.2999071	0.21109160	2.7935433	20	2 27.9	21.5
368165 1999 UF_{34}	17.5	X	334.25041	266.83593	39.78614	3.18243	0.2129597	0.27524838	2.3405587	20	7 2.2	18.9
368166 1999 UE_{38}	17.8	X	248.88635	222.58093	216.96430	3.06790	0.1362876	0.27970737	2.3156173	20	8 30.7	20.5
368167 1999 VV_{65}	17.5	X	282.34078	284.69156	93.18865	1.20299	0.2235810	0.27467839	2.3437955	20	7 6.6	20.1
368168 1999 VA_{106}	18.1	X	274.20777	162.74349	234.46866	2.36013	0.2306939	0.27473826	2.3434550	20	7 20.9	20.7
368169 1999 VS_{128}	16.7	X	65.15817	194.94255	228.69530	5.19306	0.0563382	0.20257340	2.8713167	20	1 3.3	20.4
368170 1999 VX_{175}	18.0	X	279.51766	168.72989	216.65020	6.50417	0.2761202	0.27495568	2.3422194	20	7 3.2	20.8
368171 1999 XZ_{5}	17.5	X	263.25179	154.03320	246.69415	9.39098	0.2827550	0.27348482	2.3506099	20	7 2.6	20.8
368172 1999 XJ_{147}	18.2	X	304.47589	267.05498	71.90268	2.21704	0.2035314	0.27299469	2.3534226	20	6 18.6	20.5
368173 2000 AW_{43}	16.4	X	2.04322	305.37566	108.47556	9.91372	0.0700487	0.18664771	3.0324078	20	—	—
368174 2000 AT_{215}	17.5	X	188.31151	150.33849	310.97265	1.87582	0.1511416	0.26537123	2.3982815	20	7 20.1	20.9
368175 2000 BO_{10}	15.6	X	74.95315	258.31867	116.82680	10.49040	0.0611339	0.19026443	2.9938565	20	—	—
368176 2000 BQ_{12}	17.5	X	309.39348	44.25062	335.17144	2.00559	0.2468183	0.27157899	2.3615942	20	8 29.9	18.7
368177 2000 DA_{117}	15.6	X	76.41406	21.20035	337.20398	14.28288	0.0857222	0.18285086	3.0742419	20	—	—
368178 2000 KW_{9}	17.7	X	271.81090	31.38991	212.92667	3.13184	0.2489940	0.23483034	2.6019557	20	1 1.9	22.1
368179 2000 QM_{163}	16.5	X	168.88694	170.94845	215.52852	7.16055	0.2238287	0.22740448	2.6582962	20	3 29.2	21.1
368180 2000 RD_{14}	16.9	X	206.64702	48.90593	305.22198	11.57721	0.1886308	0.22956190	2.6416149	20	3 16.3	21.5
368181 2000 RR_{14}	16.9	X	172.74238	76.03674	309.21560	11.92356	0.2548683	0.22725116	2.6594917	20	3 27.0	21.8
368182 2000 RJ_{16}	17.4	X	54.73968	47.40696	278.85002	4.72192	0.2067815	0.30546804	2.1835285	20	—	—
368183 2000 RC_{63}	17.1	X	205.60644	314.07751	359.00003	3.19011	0.3150329	0.22670510	2.6637606	20	2 2.8	22.0
368184 2000 RN_{77}	19.5	X	288.64511	211.69494	312.72481	16.10154	0.3181242	1.06283288	0.9509537	20	—	—
368185 2000 RU_{97}	16.7	X	144.08599	118.97004	277.55624	12.89887	0.2975796	0.22281131	2.6947050	20	3 20.7	21.7
368186 2000 SU_{19}	16.3	X	206.98062	82.43426	243.12192	10.28951	0.1957770	0.22477451	2.6789915	20	2 13.3	21.0
368187 2000 SV_{51}	16.2	X	181.78209	92.86615	249.13040	10.24942	0.0979078	0.22354128	2.6888355	20	2 8.8	20.5
368188 2000 SZ_{72}	17.6	X	37.77213	320.48437	31.69349	4.89114	0.2695339	0.30433289	2.1889548	20	—	—
368189 2000 SX_{133}	17.8	X	356.88848	34.11319	314.07122	7.27959	0.2068073	0.29860232	2.2168719	20	11 17.1	19.8
368190 2000 SV_{184}	18.0	X	44.39349	119.51029	192.20289	5.39961	0.2295545	0.30208101	2.1998198	20	12 10.2	21.0
368191 2000 SW_{246}	17.4	X	318.05370	240.98307	154.84232	5.60864	0.1418672	0.29807847	2.2194685	20	11 7.5	19.1
368192 2000 UU_{24}	16.4	X	181.95647	201.03679	198.93529	9.83430	0.2171196	0.22702337	2.6612704	20	4 27.0	20.9
368193 2000 UZ_{64}	17.8	X	339.20500	121.48483	265.06917	2.84015	0.1969435	0.29856531	2.2170551	20	12 12.9	19.4
368194 2000 WO_{4}	17.6	X	22.20127	48.56560	292.41627	6.49755	0.2847750	0.30016133	2.2091891	20	12 30.7	20.4
368195 2000 WU_{197}	16.1	X	119.39687	185.35964	245.54249	13.14920	0.2147380	0.21929617	2.7234245	20	4 5.9	20.5
368196 2000 YM	16.5	X	68.51331	111.85527	329.85959	13.99632	0.3414830	0.21237289	2.7822960	20	3 8.4	19.7
368197 2000 YZ_{54}	16.0	X	128.64979	115.50275	293.49197	6.90975	0.3077233	0.21661951	2.7458133	20	3 27.8	20.8
368198 2001 BY_{29}	16.8	X	166.08530	171.25569	299.64177	6.90744	0.0425301	0.27650374	2.3334691	20	7 10.9	19.6
368199 2001 DE_{18}	16.3	X	121.09286	329.88389	133.63256	16.99728	0.2854743	0.21735775	2.7395925	20	6 1.3	21.2
368200 2001 FB_{139}	15.5	X	131.60396	235.98119	0.14090	26.71116	0.1666101	0.17804518	3.1293146	20	10 23.4	21.0
368201 2001 FV_{173}	16.0	X	146.74730	50.85035	200.93040	12.74025	0.0355789	0.18142378	3.0903422	20	12 5.2	20.7
368202 2001 HJ_{19}	15.7	X	26.64918	193.20319	218.81840	10.52693	0.0271614	0.18622911	3.0369502	20	—	—
368203 2001 KO_{2}	20.4	X	298.29337	327.86187	243.04665	12.23553	0.6117968	0.25044426	2.4926540	20	—	—
368204 2001 MO_{31}	15.8	X	60.95445	301.97832	82.62326	9.34629	0.2436693	0.17510913	3.1641970	20	—	—
368205 2001 PU_{45}	15.3	X	58.66125	112.93424	269.91529	21.14840	0.2348197	0.17222375	3.1994404	20	—	—
368206 2001 QG_{151}	16.0	X	216.25992	72.37685	312.11240	26.87135	0.2859945	0.24430824	2.5342180	20	4 17.9	21.2
368207 2001 QG_{259}	16.8	X	224.24643	88.09415	274.94211	6.78901	0.2448404	0.24425831	2.5345633	20	4 10.5	21.4
368208 2001 QH_{333}	15.9	X	241.27238	232.99078	69.17660	13.16826	0.2998496	0.24131649	2.5551205	20	2 16.7	20.7
368209 2001 RG_{5}	17.1	X	235.43021	114.83398	233.95725	5.64315	0.2235724	0.24468448	2.5316195	20	4 4.8	21.3
368210 2001 RK_{10}	17.7	X	197.67658	20.31260	359.11583	2.51093	0.2437699	0.24243385	2.5472636	20	4 12.4	22.0
368211 2001 RT_{14}	17.2	X	226.67444	89.48632	241.07677	9.77506	0.1795467	0.24201303	2.5502155	20	3 5.6	21.5
368212 2001 RA_{23}	17.0	X	231.54366	166.24479	164.06297	18.30365	0.2300017	0.24336702	2.5407478	20	3 12.3	21.2
368213 2001 RG_{40}	16.9	X	223.38535	120.72686	243.59802	9.05419	0.1295577	0.24431114	2.5341980	20	4 18.5	20.9
368214 2001 RR_{42}	17.3	X	192.20117	161.58851	232.07685	2.44979	0.1129151	0.24358672	2.5392199	20	4 26.6	21.1
368215 2001 SR_{93}	17.4	X	237.00352	12.15825	346.62816	4.00657	0.1978372	0.24612444	2.5217356	20	4 20.6	21.6
368216 2001 SR_{150}	18.2	X	218.59581	166.61299	204.18766	6.05648	0.3254361	0.24357851	2.5392769	20	4 15.6	22.8
368217 2001 SP_{172}	17.8	X	247.28670	127.34406	183.02882	12.02233	0.3353655	0.24304296	2.5430058	20	2 21.5	22.5
368218 2001 ST_{349}	16.9	X	148.09578	243.61504	172.35780	11.56220	0.1797449	0.23835611	2.5762333	20	4 17.2	21.0
368219 2001 SM_{353}	16.7	X	232.93003	349.55093	333.32827	19.03572	0.3170537	0.24093887	2.5577895	20	2 28.0	21.4
368220 2001 TW_{25}	17.6	X	214.23428	358.35487	343.99586	4.68315	0.3021314	0.24010435	2.5637128	20	3 10.8	22.4
368221 2001 TF_{80}	17.1	X	156.23502	205.47725	205.02956	7.65189	0.3431637	0.23537712	2.5979246	20	4 23.6	21.8
368222 2001 TU_{83}	17.3	X	256.31204	27.53984	287.72460	3.75318	0.2451966	0.24410320	2.5356369	20	3 11.1	21.6
368223 2001 TR_{89}	17.3	X	154.44829	188.06499	214.41288	11.28656	0.1683409	0.23674123	2.5879355	20	4 1.6	21.4
368224 2001 TA_{118}	16.3	X	250.62648	54.60211	297.56398	13.40739	0.2033319	0.24610713	2.5218539	20	4 19.9	20.6
368225 2001 TE_{159}	18.0	X	234.83112	128.40253	198.40394	5.57065	0.2887252	0.24198241	2.5504306	20	3 6.0	22.5
368226 2001 TY_{161}	17.3	X	244.07603	103.06480	210.23498	4.17758	0.1981220	0.24127745	2.5553961	20	3 2.1	21.4
368227 2001 TG_{168}	16.2	X	192.04030	133.58028	257.43400	11.35109	0.2304460	0.23912518	2.5707066	20	4 19.9	20.9
368228 2001 TP_{204}	17.4	X	247.22205	185.94339	151.90391	6.70989	0.2438805	0.24488159	2.5302609	20	4 3.7	21.5
368229 2001 TV_{217}	17.0	X	173.40506	139.30208	235.80495	12.13935	0.1131776	0.23853736	2.5749281	20	3 10.4	21.2
368230 2001 TJ_{237}	17.1	X	199.24224	211.20625	173.97160	13.20521	0.1933695	0.24205027	2.5499539	20	4 24.6	21.4
368231 2001 UR_{16}	16.4	X	186.37055	79.58777	235.05594	26.85594	0.4080750	0.23177900	2.6247422	20	1 16.6	22.0
368232 2001 UY_{37}	17.7	X	154.55251	242.08613	196.59605	7.04691	0.1636303	0.24058086	2.5603264	20	5 19.6	21.8
368233 2001 UK_{52}	16.2	X	269.19122	307.92313	48.97418	14.17070	0.0929722	0.24640795	2.5198010	20	6 6.0	19.6
368234 2001 UL_{57}	18.1	X	185.27264	196.20356	210.55871	6.14197	0.2469273	0.24103209	2.5571300	20	5 7.3	22.6
368235 2001 UJ_{96}	16.3	X	108.14722	230.39974	206.65435	21.72259	0.0819519	0.23372782	2.6101318	20	3 13.8	20.0
368236 2001 UZ_{96}	17.7	X	222.74742	281.98268	67.83441	4.60713	0.2709385	0.24148016	2.5539658	20	3 28.7	22.2
368237 2001 UZ_{114}	17.0	X	177.55308	202.87988	210.07088	5.23148	0.2079451	0.23945050	2.5683777	20	5 8.5	21.4
368238 2001 UO_{133}	17.8	X	220.80287	123.32869	216.39547	5.30068	0.1976207	0.23975724	2.5661866	20	3 13.9	22.0
368239 2001 UP_{134}	16.5	X	108.21479	214.30669	222.81693	13.79752	0.1102953	0.23206142	2.6226122	20	3 17.9	20.3
368240 2001 UX_{157}	16.3	X	118.56362	199.61070	226.37989	14.08266	0.0894333	0.23155159	2.6264605	20	3 12.6	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368241 2001 UY_{221}	16.4	X	145.69086	171.66416	231.98357	11.02440	0.1804873	0.23214288	2.6219987	20	3 25.1	20.7
368242 2001 VN_{10}	16.2	X	236.50367	130.03319	247.36798	17.22468	0.2800224	0.24512716	2.5285706	20	5 7.8	20.6
368243 2001 VQ_{11}	16.3	X	100.97692	197.10434	263.02228	12.74658	0.2413814	0.23189333	2.6238794	20	4 27.3	20.3
368244 2001 VJ_{105}	16.2	X	165.58993	120.13780	254.23992	12.43933	0.1623817	0.23246047	2.6196100	20	3 3.8	20.6
368245 2001 VJ_{110}	17.2	X	152.35902	125.99299	298.28552	3.38787	0.2104978	0.23572790	2.5953468	20	4 29.6	21.6
368246 2001 WE_{55}	17.3	X	236.88303	109.16970	230.40753	4.09226	0.2223057	0.24086518	2.5583111	20	3 26.3	21.6
368247 2001 WT_{65}	17.2	X	209.78289	131.51762	210.53400	6.38111	0.1925188	0.23760150	2.5816851	20	3 7.5	21.6
368248 2001 WU_{100}	17.3	X	202.72843	320.02891	48.93293	4.08445	0.2479875	0.23851125	2.5751160	20	4 5.5	21.8
368249 2001 WN_{101}	16.9	X	212.43288	270.05961	157.50861	3.95736	0.1682645	0.24511346	2.5286649	20	6 27.8	20.9
368250 2001 XM_{19}	15.3	X	134.65219	156.99693	278.09699	31.99489	0.1491889	0.23187364	2.6240280	20	4 11.4	20.0
368251 2001 XD_{65}	15.9	X	203.27486	107.36070	276.76172	10.79170	0.2905021	0.23763829	2.5814186	20	4 18.1	20.8
368252 2001 XN_{83}	17.4	X	209.46273	328.47290	89.44976	13.42035	0.2493059	0.24256528	2.5463433	20	6 9.0	21.9
368253 2001 XE_{102}	15.8	X	9.28524	268.60672	229.92284	20.13622	0.1570921	0.22615644	2.6680671	20	1 3.2	19.0
368254 2001 XE_{103}	15.5	X	209.04925	63.63257	264.11477	28.06654	0.3974764	0.23407688	2.6075363	20	2 6.9	21.2
368255 2001 XK_{138}	17.4	X	179.80738	239.73374	145.36673	2.87421	0.2288285	0.23526561	2.5987455	20	4 7.4	21.9
368256 2001 XR_{162}	17.2	X	186.16237	168.10231	235.33724	2.60663	0.2650545	0.23780246	2.5802304	20	5 3.3	21.7
368257 2001 XR_{178}	16.1	X	129.62244	123.48580	268.46643	11.57483	0.0835635	0.22383364	2.6864936	20	2 11.7	20.0
368258 2001 XT_{237}	16.4	X	219.81415	103.09807	271.25581	12.71957	0.2142501	0.24011318	2.5636499	20	4 21.2	20.9
368259 2001 XD_{239}	16.3	X	186.80859	119.13427	275.47127	11.29011	0.2756273	0.23711231	2.5852347	20	4 19.3	21.2
368260 2001 XG_{262}	17.5	X	167.96602	183.09449	207.55186	2.59020	0.1870030	0.23513317	2.5997212	20	4 1.7	21.6
368261 2001 YO_{71}	17.2	X	123.69326	46.71012	47.49532	2.51005	0.2725561	0.23194487	2.6234907	20	5 17.8	21.5
368262 2001 YF_{110}	16.1	X	179.77519	133.03120	292.78573	12.74952	0.2467918	0.23600576	2.5933093	20	5 24.6	20.8
368263 2001 YF_{137}	16.5	X	212.16693	54.57911	323.65669	11.21737	0.3084794	0.23940684	2.5686899	20	4 15.4	21.4
368264 2002 AW_{144}	16.7	X	168.73354	272.33061	135.93571	5.03990	0.1912709	0.23246769	2.6195557	20	4 26.6	21.1
368265 2002 AV_{180}	16.0	X	126.14771	127.12531	309.55261	21.45167	0.0404744	0.23077118	2.6323785	20	3 20.9	20.2
368266 2002 CN_{14}	17.8	X	121.58221	141.64955	328.85356	19.56516	0.0457108	0.39073538	1.8530234	20	4 25.2	20.2
368267 2002 CN_{58}	17.2	X	332.59835	34.76486	159.86737	24.02416	0.0460221	0.37902161	1.8910081	20	1 8.8	19.6
368268 2002 CK_{68}	16.9	X	61.92247	133.16269	325.86337	8.28480	0.1283123	0.22101643	2.7092745	20	2 18.0	20.0
368269 2002 CV_{70}	16.0	X	140.46495	106.57418	320.37840	21.53725	0.0519047	0.22682835	2.6627956	20	3 28.1	20.2
368270 2002 CG_{199}	17.1	X	48.38504	123.26752	324.07906	8.45636	0.1813946	0.21669005	2.7452173	20	1 17.1	19.8
368271 2002 CV_{206}	17.2	X	168.68518	60.26799	357.23565	5.85278	0.3262752	0.23274545	2.6174713	20	5 7.3	22.2
368272 2002 CB_{215}	16.0	X	187.45662	48.34555	353.42771	6.16736	0.3597686	0.23288603	2.6164177	20	4 30.4	21.2
368273 2002 CC_{255}	16.7	X	7.89321	185.96197	306.98271	14.94491	0.1740724	0.21606680	2.7504940	20	—	—
368274 2002 CQ_{304}	16.6	X	353.58111	338.00356	170.37984	17.89964	0.1255396	0.21548539	2.7554392	20	—	—
368275 2002 EN_{2}	16.5	X	111.20838	110.44071	312.64769	11.80563	0.1953826	0.22301479	2.6930657	20	3 14.6	20.5
368276 2002 GG_{27}	17.2	X	26.59541	99.79067	144.55908	24.83775	0.2323528	0.27955867	2.3164383	20	8 3.7	19.3
368277 2002 JX_{9}	16.6	X	356.67883	191.55134	89.62957	25.17432	0.1757847	0.27816660	2.3241602	20	7 17.9	18.5
368278 2002 JZ_{100}	16.2	X	105.95886	4.68987	175.35132	25.10564	0.1931031	0.28474842	2.2882062	20	8 12.8	20.0
368279 2002 JG_{138}	17.2	X	156.34018	276.04505	235.51046	6.57566	0.0404075	0.28552081	2.2840777	20	8 22.1	20.2
368280 2002 LK_{55}	17.1	X	342.71787	346.40913	310.87069	7.91587	0.2456840	0.27333543	2.3514663	20	7 8.3	18.3
368281 2002 MY_{5}	16.4	X	110.77327	358.80810	291.44595	9.03468	0.1579111	0.18118065	3.0931062	20	12 17.7	21.4
368282 2002 NH_{7}	17.5	X	327.06769	138.63852	205.53727	5.51862	0.3113760	0.27401507	2.3475765	20	8 6.8	18.5
368283 2002 NO_{17}	17.3	X	314.74662	50.54462	281.67947	11.66609	0.2198370	0.27170713	2.3608516	20	6 26.4	19.2
368284 2002 NH_{31}	17.0	X	295.20205	92.77858	261.49981	8.85273	0.3009015	0.26967072	2.3727220	20	6 7.3	19.7
368285 2002 NM_{31}	17.6	X	351.04820	143.20696	142.52391	2.61475	0.2111592	0.27313852	2.3525963	20	7 11.4	18.8
368286 2002 ND_{32}	17.7	X	219.42928	109.45366	163.67330	24.36142	0.1351859	0.36074673	1.9543445	20	—	—
368287 2002 NU_{49}	17.8	X	302.05341	16.29995	333.76326	1.62355	0.2526711	0.27145743	2.3622992	20	6 22.3	19.9
368288 2002 NX_{63}	16.0	X	125.65360	8.99457	306.84577	9.45816	0.0978050	0.18677046	3.0310790	20	—	—
368289 2002 NC_{74}	16.0	X	55.10077	83.79861	302.79715	10.18408	0.2048230	0.18335193	3.0686385	20	—	—
368290 2002 NV_{75}	16.6	X	64.13633	75.13850	265.43938	9.16425	0.2774675	0.17739559	3.1369493	20	—	—
368291 2002 NM_{78}	16.3	X	72.81205	82.02459	249.01242	14.30880	0.2106683	0.17868718	3.1218147	20	—	—
368292 2002 NV_{80}	15.5	X	82.82209	97.87371	213.13395	16.62472	0.1426652	0.17843427	3.1247638	20	12 13.5	20.5
368293 2002 ON_{23}	16.3	X	327.71736	359.12252	303.32147	23.18806	0.1444293	0.27013775	2.3699865	20	6 19.9	19.0
368294 2002 OF_{24}	17.4	X	300.08989	15.59472	327.74053	6.35472	0.2875147	0.26937785	2.3744415	20	5 31.1	20.0
368295 2002 OS_{26}	16.5	X	83.97510	123.53116	196.30595	12.66178	0.1794473	0.17921728	3.1156557	20	12 27.8	21.6
368296 2002 OL_{27}	15.7	X	158.98319	343.32421	292.91696	8.74147	0.0484097	0.18608400	3.0385289	20	—	—
368297 2002 OU_{30}	15.7	X	114.76973	342.23012	270.44038	11.26937	0.2920674	0.17689614	3.1428512	20	11 12.5	21.4
368298 2002 OA_{34}	17.2	X	1.15948	341.64040	280.67888	5.91312	0.0973253	0.26924159	2.3752425	20	6 22.4	19.3
368299 2002 OP_{34}	16.0	X	78.32259	38.21130	259.11978	8.77276	0.0739320	0.17349926	3.1837403	20	11 13.9	20.7
368300 2002 OV_{34}	16.5	X	66.02034	76.12114	295.41760	3.67984	0.0994188	0.18390098	3.0625276	20	—	—
368301 2002 OH_{35}	16.5	X	49.46562	66.40429	309.54361	12.11152	0.2059200	0.17956457	3.1116372	20	—	—
368302 2002 OL_{35}	15.9	X	201.01166	67.97706	152.24668	9.15225	0.0320974	0.18303343	3.0721973	20	12 28.3	20.4
368303 2002 OQ_{35}	17.1	X	50.31594	185.94304	174.22751	8.27309	0.1797894	0.17854743	3.1234435	20	—	—
368304 2002 ON_{37}	16.0	X	234.81854	22.59497	187.13856	10.03209	0.0532303	0.18658693	3.0330663	20	—	—
368305 2002 PV_{2}	15.9	X	113.46841	18.71978	280.09660	16.69466	0.1948915	0.18045348	3.1014101	20	12 31.0	21.0
368306 2002 PB_{6}	15.6	X	4.21072	277.70143	153.58119	17.32552	0.0861570	0.18224915	3.0810048	20	—	—
368307 2002 PK_{20}	16.2	X	151.52115	311.31932	299.73711	10.58378	0.1864210	0.18222609	3.0812648	20	12 6.9	21.6
368308 2002 PP_{23}	15.6	X	1.19486	254.98730	143.02805	26.07625	0.2335826	0.17519357	3.1631802	20	12 31.1	19.6
368309 2002 PM_{65}	17.5	X	323.99216	53.29466	276.89836	5.99739	0.1980798	0.27333399	2.3514746	20	7 17.9	19.3
368310 2002 PA_{67}	17.5	X	315.98006	95.60938	241.18995	0.60718	0.2802400	0.27216880	2.3581811	20	6 25.2	19.1
368311 2002 PD_{80}	15.5	X	88.44930	24.01751	278.53250	16.65458	0.1990616	0.17609155	3.1524173	20	12 14.6	20.6
368312 2002 PP_{100}	16.3	X	86.47431	58.28772	243.72040	8.88746	0.2066270	0.17770510	3.1333058	20	12 12.7	21.3
368313 2002 PY_{103}	17.9	X	324.35395	115.25926	179.36133	8.54135	0.2221362	0.26865149	2.3787194	20	5 17.4	20.1
368314 2002 PQ_{104}	16.0	X	103.19941	103.68106	170.50725	19.11860	0.2329370	0.17661071	3.1462364	20	11 29.3	21.6
368315 2002 PU_{105}	15.9	X	72.65086	52.97021	295.12390	10.72890	0.1350489	0.17906810	3.1173858	20	—	—
368316 2002 PQ_{114}	15.9	X	86.49437	351.43568	319.27779	7.21338	0.1646326	0.17690499	3.1427463	20	12 19.0	20.8
368317 2002 PG_{122}	15.7	X	44.29183	74.36498	306.49823	15.08748	0.2284955	0.17808115	3.1288933	20	—	—
368318 2002 PH_{131}	15.5	X	97.68897	94.46805	239.01081	14.90916	0.2501267	0.18033659	3.1027502	20	—	—
368319 2002 PR_{131}	15.3	X	72.72971	70.13061	280.49860	15.02630	0.2347756	0.17759815	3.1345636	20	—	—
368320 2002 PE_{140}	17.8	X	252.83117	238.10342	131.99401	2.14540	0.1870972	0.26422694	2.4052007	20	5 23.9	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368321 2002 PA_{163}	17.9	X	322.89865	271.56871	9.27737	2.94536	0.2129261	0.26716465	2.3875367	20	4 21.1	19.9
368322 2002 PW_{176}	16.2	X	136.81727	294.64016	313.15940	15.13324	0.1983620	0.17948902	3.1125103	20	11 18.5	21.7
368323 2002 PT_{179}	15.8	X	355.55231	125.06645	301.48403	9.71269	0.0918805	0.18001184	3.1064808	20	—	—
368324 2002 PV_{181}	16.4	X	44.95056	146.55343	227.79278	8.75992	0.1165062	0.17853947	3.1235363	20	—	—
368325 2002 PH_{184}	15.8	X	90.54300	2.62595	346.47442	15.38843	0.0379124	0.18384963	3.0630979	20	—	—
368326 2002 PX_{186}	16.7	X	72.23674	345.54544	338.54882	10.11966	0.2088234	0.17684829	3.1434180	20	12 25.9	21.8
368327 2002 PE_{189}	16.5	X	63.82046	209.70954	160.31351	6.21140	0.2030933	0.18271549	3.0757602	20	—	—
368328 2002 PS_{195}	15.6	X	19.95800	271.06879	149.45018	22.92816	0.2781222	0.18135915	3.0910764	20	—	—
368329 2002 PA_{198}	15.8	X	256.87130	251.16917	262.08561	11.32336	0.0667821	0.17916984	3.1162057	20	12 9.1	20.0
368330 2002 PO_{199}	16.6	X	95.21072	107.61874	162.64538	13.22228	0.2240965	0.17495964	3.1659992	20	11 17.9	22.0
368331 2002 PQ_{201}	16.0	X	321.36938	108.89149	308.56027	7.84625	0.0664645	0.17471594	3.1689425	20	11 4.5	20.3
368332 2002 PB_{202}	16.0	X	74.43470	105.69873	242.11519	8.32821	0.0814753	0.18062580	3.0994373	20	—	—
368333 2002 PD_{202}	16.3	X	53.15204	146.64527	234.61875	1.71666	0.1003704	0.18194105	3.0844821	20	—	—
368334 2002 QB	15.0	X	79.93545	19.75317	326.54463	21.03369	0.1463204	0.18030019	3.1031678	20	—	—
368335 2002 QZ	16.4	X	48.56281	169.56727	217.30357	2.98599	0.2609707	0.18104356	3.0946675	20	—	—
368336 2002 QC_{4}	18.0	X	331.92059	144.56760	150.80217	2.99477	0.2030535	0.26937052	2.3744845	20	6 6.9	19.8
368337 2002 QX_{8}	17.5	X	280.82612	253.06644	90.69518	6.78204	0.1989867	0.26661013	2.3908461	20	5 20.9	20.7
368338 2002 QP_{13}	16.5	X	67.66777	135.56381	179.55667	9.66258	0.2249544	0.17481407	3.1677565	20	12 12.6	21.5
368339 2002 QK_{19}	15.3	X	51.76308	28.57167	351.24458	12.31929	0.1477516	0.17973784	3.1096370	20	—	—
368340 2002 QL_{37}	16.1	X	9.21217	263.94485	158.53405	7.66323	0.1805392	0.17697695	3.1418943	20	—	—
368341 2002 QJ_{60}	17.4	X	274.58670	129.26758	268.00052	5.78892	0.1851032	0.27122938	2.3636231	20	7 28.4	20.3
368342 2002 QS_{64}	16.2	X	174.60047	253.25052	344.65316	13.74203	0.2273816	0.18302943	3.0722421	20	12 7.7	21.7
368343 2002 QX_{66}	17.8	X	313.58981	297.91228	355.77752	4.90266	0.2352150	0.26683373	2.3895103	20	4 18.7	20.4
368344 2002 QQ_{84}	16.2	X	10.64194	83.52298	304.55936	9.50904	0.2140261	0.17452402	3.1712654	20	12 29.5	20.0
368345 2002 QP_{88}	16.4	X	131.59533	116.36790	145.54331	19.09361	0.1083645	0.17648244	3.1477608	20	12 4.8	21.7
368346 2002 QE_{89}	16.4	X	159.29753	76.46100	159.27616	16.70310	0.1924639	0.17907349	3.1173233	20	11 28.7	21.9
368347 2002 QG_{100}	16.8	X	103.78796	248.87990	59.88799	2.91869	0.1767031	0.17926524	3.1151000	20	—	—
368348 2002 QB_{104}	17.1	X	132.76153	207.92374	292.10469	6.52026	0.0347692	0.26812663	2.3818226	20	7 7.2	20.2
368349 2002 QH_{104}	15.6	X	33.09269	93.65660	303.21683	9.80918	0.0317308	0.18112663	3.0937212	20	—	—
368350 2002 QJ_{104}	16.4	X	62.07899	88.76372	313.26199	8.96384	0.2553841	0.18487869	3.0517209	20	—	—
368351 2002 QK_{113}	15.5	X	240.15834	291.49423	248.80366	9.29938	0.0466620	0.17991891	3.1075504	20	12 23.6	19.9
368352 2002 QD_{115}	15.8	X	75.44156	357.25654	308.14830	14.70397	0.0669071	0.17472354	3.1688507	20	11 17.1	20.6
368353 2002 QC_{117}	16.5	X	123.56260	335.60230	301.13879	10.03165	0.0666942	0.17870752	3.1215778	20	12 8.9	21.3
368354 2002 QE_{120}	17.7	X	286.00043	242.43442	110.35013	3.13043	0.1944922	0.26755027	2.3852420	20	6 10.0	20.3
368355 2002 QF_{121}	15.4	X	292.39837	291.27797	162.77400	19.07003	0.0073221	0.17460333	3.1703050	20	11 21.9	20.2
368356 2002 QM_{121}	16.7	X	89.33521	334.58638	321.10984	11.26483	0.1789404	0.17577563	3.1561934	20	12 4.2	21.9
368357 2002 QP_{121}	16.7	X	79.39191	110.66000	245.65895	2.79158	0.1842167	0.18110410	3.0939778	20	—	—
368358 2002 QP_{124}	18.1	X	299.72097	173.69450	170.17196	4.84775	0.2083182	0.27012234	2.3700766	20	6 16.8	20.6
368359 2002 QS_{128}	16.9	X	42.70308	241.27957	115.18335	2.47905	0.1720191	0.17555543	3.1588320	20	12 27.5	21.2
368360 2002 QB_{139}	18.0	X	314.72386	170.57878	157.14080	2.81540	0.2176959	0.27064373	2.3670316	20	6 18.9	20.1
368361 2002 QW_{140}	15.6	X	120.77742	300.67697	328.30779	24.98032	0.2921742	0.17853506	3.1235878	20	12 4.2	21.6
368362 2002 QZ_{140}	17.4	X	244.75691	117.67354	298.35275	9.85844	0.2029778	0.26790008	2.3831652	20	7 14.3	20.7
368363 2002 QM_{142}	15.7	X	157.43222	282.35143	312.50317	14.68955	0.0236874	0.17471012	3.1690130	20	11 22.3	20.6
368364 2002 QF_{147}	16.1	X	316.58553	322.44697	144.12464	7.25321	0.0516968	0.17980840	3.1088235	20	—	—
368365 2002 QN_{150}	17.4	X	37.30952	180.65458	58.83338	1.96570	0.1444577	0.27139825	2.3626425	20	8 1.0	19.7
368366 2002 QW_{151}	16.1	X	196.51269	37.22956	191.21733	8.95490	0.0489610	0.18143912	3.0901680	20	12 30.1	20.7
368367 2002 QX_{151}	16.3	X	92.63107	120.67328	182.01875	9.36808	0.0654511	0.17664757	3.1457987	20	12 7.4	21.0
368368 2002 QN_{153}	15.6	X	199.06120	109.64534	115.91797	10.14845	0.0814446	0.18188320	3.0851360	20	12 27.2	20.1
368369 2002 QK_{154}	18.0	X	239.82403	137.51150	247.49573	3.24931	0.0722568	0.26626312	2.3929229	20	6 11.7	21.0
368370 2002 RS_{6}	17.6	X	306.25750	168.89125	157.77977	1.78065	0.1908431	0.26811611	2.3818849	20	6 5.2	19.9
368371 2002 RS_{9}	17.4	X	317.43140	148.80565	183.78237	2.70996	0.1324044	0.27050463	2.3678430	20	7 15.3	19.6
368372 2002 RS_{15}	17.8	X	303.60101	148.85684	171.65588	12.12121	0.2854514	0.26711073	2.3878580	20	5 7.8	20.7
368373 2002 RN_{22}	17.6	X	298.35781	173.86659	157.18182	1.14864	0.1915538	0.26696009	2.3887562	20	5 28.9	20.3
368374 2002 RZ_{23}	17.5	X	278.68741	152.29786	208.70901	1.90303	0.2118098	0.26702733	2.3883551	20	6 8.3	20.5
368375 2002 RG_{71}	17.7	X	299.38620	124.37012	229.34162	5.47126	0.2387511	0.26928506	2.3749869	20	6 25.2	20.1
368376 2002 RP_{86}	16.2	X	128.48527	136.38094	183.86510	10.97979	0.2701852	0.18247654	3.0784447	20	—	—
368377 2002 RZ_{88}	16.2	X	24.86163	220.47757	161.92085	10.70811	0.2065958	0.17493918	3.1662460	20	—	—
368378 2002 RR_{96}	15.2	X	84.64419	13.60579	12.32138	9.81636	0.1026247	0.18239356	3.0793784	20	—	—
368379 2002 RM_{102}	15.6	X	82.15177	335.76426	26.62364	14.90757	0.3266852	0.17913048	3.1166621	20	—	—
368380 2002 RG_{127}	15.7	X	69.98340	88.88754	276.30220	13.01163	0.1269767	0.18107077	3.0943574	20	—	—
368381 2002 RU_{153}	17.7	X	261.43539	183.64614	200.65899	10.51891	0.2251760	0.26627033	2.3928797	20	6 16.6	21.2
368382 2002 RQ_{183}	15.9	X	23.22268	71.81573	309.86520	16.32645	0.1684781	0.17295061	3.1904699	20	—	—
368383 2002 RJ_{209}	17.4	X	203.78928	56.54506	356.39925	3.57309	0.1596772	0.26010167	2.4305653	20	5 31.3	21.1
368384 2002 RB_{211}	16.0	X	10.53604	261.83155	148.14356	24.87009	0.4095944	0.17395575	3.1781680	20	—	—
368385 2002 RV_{219}	17.4	X	250.56390	240.72171	156.12345	5.19756	0.2456713	0.26618908	2.3933666	20	6 19.2	21.1
368386 2002 RK_{242}	16.5	X	51.52376	183.94071	183.43466	9.45031	0.0790107	0.17832385	3.1260537	20	—	—
368387 2002 RS_{265}	18.3	X	283.29474	280.46664	37.10954	1.68777	0.1896418	0.26277041	2.4140805	20	4 18.2	21.5
368388 2002 RW_{270}	15.8	X	93.07705	358.71146	315.73633	4.25821	0.1203308	0.17803846	3.1293934	20	12 26.1	20.7
368389 2002 RQ_{271}	17.6	X	274.05114	38.57617	331.05022	6.40315	0.1213470	0.26831504	2.3807075	20	6 29.9	20.6
368390 2002 RK_{276}	16.2	X	359.42550	251.22942	185.19343	5.18095	0.1599819	0.17791124	3.1308850	20	—	—
368391 2002 RS_{279}	16.5	X	60.87996	212.93808	155.65568	1.46535	0.1012197	0.17762203	3.1342827	20	—	—
368392 2002 SN_{6}	15.6	X	82.46612	22.06671	12.74403	9.60958	0.0890990	0.18343277	3.0677369	20	—	—
368393 2002 SZ_{7}	17.3	X	317.86459	304.78095	352.21688	1.99756	0.1870220	0.26391252	2.4071106	20	5 11.3	19.5
368394 2002 SR_{11}	17.5	X	283.38904	341.44795	2.25575	2.28188	0.1902155	0.26405286	2.4062577	20	5 23.9	20.4
368395 2002 SQ_{18}	16.3	X	46.63208	326.78649	41.45323	1.60330	0.1777689	0.17539097	3.1608064	20	—	—
368396 2002 SQ_{22}	17.3	X	312.04115	353.14785	29.67068	3.27284	0.1951199	0.27288345	2.3540621	20	9 20.6	18.8
368397 2002 SU_{48}	16.6	X	344.84432	301.39720	32.23597	6.93238	0.1622932	0.27214315	2.3583293	20	9 19.7	18.5
368398 2002 SO_{63}	18.0	X	305.01743	290.33549	27.73931	2.47243	0.2238929	0.26496525	2.4007306	20	5 13.9	20.4
368399 2002 TK_{17}	17.0	X	256.75141	167.69290	200.20145	4.72563	0.1923236	0.26310205	2.4120514	20	5 24.9	20.4
368400 2002 TW_{22}	17.5	X	281.35490	46.72177	305.16760	0.42777	0.2129132	0.26462723	2.4027746	20	5 29.5	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368401 2002 TP_{50}	15.6	X	60.65559	199.51707	201.68530	9.53215	0.3221107	0.17783745	3.1317510	20	1 5.5	18.9
368402 2002 TV_{57}	16.1	X	79.44503	32.08569	281.42322	8.74568	0.2186118	0.17512410	3.1640167	20	12 20.3	21.1
368403 2002 TZ_{75}	17.3	X	227.41087	153.99195	228.73604	5.27029	0.1822016	0.25935329	2.4352387	20	5 14.4	21.0
368404 2002 TG_{84}	15.5	X	59.58695	291.57842	40.73162	14.85756	0.2993369	0.17250940	3.1959075	20	12 31.6	20.7
368405 2002 TO_{99}	16.0	X	23.63458	100.90093	301.83946	8.51362	0.2348881	0.17572650	3.1567817	20	—	—
368406 2002 TV_{144}	16.6	X	16.60382	339.11529	66.85412	1.95860	0.1669764	0.17514025	3.1638222	20	—	—
368407 2002 TL_{148}	15.4	X	87.85195	10.09334	312.25540	15.79477	0.1727135	0.17777842	3.1324443	20	—	—
368408 2002 TX_{148}	15.5	X	60.09086	130.72764	239.20512	8.97055	0.1023809	0.17958265	3.1114283	20	—	—
368409 2002 TB_{155}	15.9	X	41.96659	123.01105	248.04125	8.01041	0.1075060	0.17634118	3.1494416	20	—	—
368410 2002 TZ_{165}	15.7	X	47.47709	66.26633	311.42109	15.49723	0.2635679	0.17702860	3.1412832	20	—	—
368411 2002 TA_{166}	15.5	X	73.41211	56.85280	297.77252	15.73750	0.1329330	0.17837079	3.1255052	20	—	—
368412 2002 TA_{171}	15.3	X	70.07591	54.25758	286.74888	10.13634	0.0958617	0.17402799	3.1772885	20	12 30.0	19.9
368413 2002 TB_{189}	17.3	X	283.67857	148.53063	224.03479	6.78923	0.2417480	0.26902848	2.3764967	20	6 26.6	20.2
368414 2002 TF_{225}	17.6	X	272.60882	116.46252	272.07319	2.34332	0.2854766	0.26594255	2.3948455	20	6 27.4	20.8
368415 2002 TG_{234}	16.7	X	294.81496	2.32922	320.69396	11.04861	0.2597650	0.26384038	2.4075494	20	4 23.9	20.0
368416 2002 TK_{237}	15.3	X	79.77440	36.78232	291.91796	9.40399	0.3166040	0.17421226	3.1750475	20	—	—
368417 2002 TQ_{244}	17.8	X	267.73427	23.41232	358.38254	0.84692	0.1878561	0.26475058	2.4020282	20	6 26.7	20.9
368418 2002 TP_{264}	15.9	X	40.65861	76.04054	14.39227	13.27930	0.2656402	0.18006435	3.1058768	20	1 26.6	19.1
368419 2002 TA_{274}	15.8	X	33.20354	171.54511	222.82315	10.35759	0.1076822	0.17506536	3.1647245	20	—	—
368420 2002 TT_{278}	16.5	X	118.36518	225.90895	251.37031	6.60646	0.2033072	0.25220454	2.4810420	20	6 5.1	20.2
368421 2002 TF_{313}	15.6	X	70.84418	223.96819	103.13926	10.11476	0.0725672	0.17037121	3.2225914	20	12 11.5	20.3
368422 2002 TL_{336}	16.3	X	94.90919	277.96663	103.60083	3.32021	0.1688920	0.18367116	3.0650818	20	1 10.8	20.5
368423 2002 TH_{357}	18.0	X	220.07780	52.14737	354.74613	3.83859	0.1988359	0.26172241	2.4205206	20	6 5.9	21.9
368424 2002 TR_{364}	17.5	X	289.58415	223.60811	110.76474	3.41786	0.1906622	0.26399204	2.4066272	20	5 20.9	20.5
368425 2002 UM_{2}	16.1	X	300.90906	47.75666	281.12745	23.27147	0.2479604	0.26395600	2.4068463	20	5 17.3	19.3
368426 2002 UY_{2}	15.5	X	90.79356	194.03884	166.33739	15.53249	0.2100121	0.17976756	3.1092943	20	—	—
368427 2002 UE_{4}	15.6	X	30.11192	102.88343	291.47664	23.94201	0.3292754	0.17320719	3.1873183	20	—	—
368428 2002 UD_{12}	15.0	X	148.76862	18.27796	284.89807	23.22499	0.1978525	0.18160473	3.0882891	20	—	—
368429 2002 UP_{16}	15.4	X	36.97438	334.15010	101.10808	10.23473	0.2334608	0.17683237	3.1436067	20	—	—
368430 2002 UY_{55}	17.5	X	352.61341	122.39604	115.28395	7.01461	0.0978077	0.25639444	2.4539383	20	5 2.2	20.1
368431 2002 VT_{5}	17.7	X	233.16877	342.59316	65.16776	3.32540	0.1771510	0.26080183	2.4262132	20	6 22.6	21.2
368432 2002 VL_{8}	16.9	X	275.05938	137.29659	257.96020	5.19815	0.1425692	0.26658384	2.3910033	20	8 1.9	19.7
368433 2002 VE_{20}	17.6	X	255.54459	168.71970	214.85769	4.38272	0.2445964	0.26187690	2.4195685	20	6 6.8	21.2
368434 2002 VM_{47}	17.5	X	239.46048	305.85549	66.12778	5.22885	0.2271185	0.25890156	2.4380706	20	5 9.0	21.4
368435 2002 VW_{59}	18.0	X	221.90106	2.98970	56.33044	1.50634	0.2306823	0.25984216	2.4321833	20	6 22.1	21.8
368436 2002 VA_{76}	17.5	X	279.52997	187.51268	175.24898	2.63986	0.2228028	0.26406513	2.4061831	20	6 10.3	20.4
368437 2002 VB_{125}	17.7	X	250.19120	216.46222	181.07246	4.20293	0.2028961	0.26195811	2.4190684	20	6 24.5	21.2
368438 2002 VU_{147}	16.5	X	199.38133	56.32825	343.70377	6.33784	0.1461487	0.25446868	2.4663033	20	5 9.1	20.5
368439 2002 WH_{15}	16.8	X	172.90816	211.90260	215.60870	14.27087	0.1444318	0.25254741	2.4787959	20	5 21.9	20.7
368440 2002 WH_{23}	17.2	X	279.41671	96.09001	221.60290	6.27480	0.1196079	0.25476276	2.4644050	20	4 23.8	20.3
368441 2002 XP_{7}	17.2	X	219.74728	161.51274	248.96477	3.00127	0.1467068	0.25833588	2.4416284	20	6 14.8	20.8
368442 2002 XH_{16}	15.1	X	69.43540	69.55017	287.66548	14.81240	0.2137453	0.17348624	3.1838996	20	—	—
368443 2002 XZ_{84}	16.0	X	83.75436	212.67079	285.36416	9.93346	0.1933964	0.24602588	2.5224091	20	5 21.5	19.4
368444 2002 XQ_{96}	16.6	X	185.27525	169.23598	241.57383	6.27548	0.1385280	0.25226270	2.4806606	20	5 11.3	20.3
368445 2003 BH_{11}	15.9	X	350.38567	220.46264	319.57626	10.99858	0.1353663	0.23153653	2.6265743	20	2 2.5	18.6
368446 2003 EZ_{21}	16.3	X	2.76817	359.65225	155.76950	11.90449	0.1419221	0.22832059	2.6511807	20	1 18.9	19.4
368447 2003 EV_{37}	16.6	X	91.47379	326.94806	165.06080	17.95435	0.0963417	0.23903591	2.5713466	20	5 14.3	20.4
368448 2003 FM_{35}	16.8	X	40.66214	112.98227	2.02402	7.89646	0.1393124	0.22703060	2.6612139	20	2 6.2	19.6
368449 2003 GR_{13}	17.4	X	248.35217	40.66939	188.17343	4.08725	0.1609769	0.21536576	2.7564595	20	—	—
368450 2003 GE_{45}	16.7	X	282.42174	62.41644	174.32941	11.33361	0.1339017	0.22255203	2.6967976	20	1 14.7	20.8
368451 2003 GM_{56}	16.5	X	158.91722	166.05113	189.32149	13.76418	0.0236303	0.22300652	2.6931322	20	1 26.8	20.5
368452 2003 JL_{16}	16.3	X	317.40676	136.28532	112.20548	14.19750	0.1099007	0.22788990	2.6545200	20	3 24.7	19.9
368453 2003 OX_{31}	15.6	X	164.59575	25.10023	292.24854	9.78466	0.1414562	0.20338714	2.8636530	20	1 3.5	20.0
368454 2003 QU_{23}	17.7	X	12.42760	52.49213	274.06380	3.86268	0.1692188	0.29573030	2.2312017	20	11 5.7	20.0
368455 2003 QA_{46}	17.3	X	34.23594	0.17926	340.31524	4.92128	0.2813733	0.30061954	2.2069437	20	—	—
368456 2003 QH_{112}	18.2	X	39.90512	158.63071	130.87325	4.24060	0.1704533	0.29525259	2.2336078	20	10 27.9	20.9
368457 2003 SP_{49}	16.3	X	336.35075	143.60846	199.71805	15.15837	0.0775539	0.22886030	2.6470110	20	8 30.5	19.6
368458 2003 SB_{77}	15.9	X	65.71137	55.71938	323.06499	12.25038	0.1181214	0.19030381	2.9934434	20	—	—
368459 2003 SG_{79}	17.8	X	7.87723	114.50562	221.21229	5.73146	0.2145880	0.29366558	2.2416477	20	11 20.8	19.8
368460 2003 SU_{89}	15.5	X	55.26457	109.10241	319.85666	11.14070	0.0020347	0.19681565	2.9270466	20	—	—
368461 2003 SS_{93}	17.9	X	2.69197	113.67694	211.03250	4.51061	0.1495805	0.28953890	2.2628969	20	10 12.1	19.8
368462 2003 SC_{101}	15.6	X	106.64072	112.34964	272.31346	11.22429	0.1265895	0.19857266	2.9097549	20	1 18.8	19.7
368463 2003 SE_{102}	15.9	X	85.13787	55.52851	300.61793	10.34423	0.0843361	0.19054200	2.9909482	20	—	—
368464 2003 SL_{102}	16.9	X	101.79134	127.48376	207.17450	15.56740	0.2570909	0.19114121	2.9846941	20	—	—
368465 2003 SR_{132}	16.2	X	334.23463	241.84924	197.81808	16.08230	0.0821915	0.18162528	3.0880561	20	12 24.5	20.5
368466 2003 SZ_{135}	15.8	X	77.52589	71.03502	320.01171	10.37966	0.1210093	0.19540814	2.9410853	20	—	—
368467 2003 SB_{146}	15.3	X	45.00809	179.28811	247.98316	13.60803	0.0940336	0.19340627	2.9613451	20	—	—
368468 2003 SY_{166}	17.7	X	19.73178	352.31138	317.38831	4.40434	0.1892001	0.29376931	2.2411199	20	10 25.6	20.1
368469 2003 SX_{179}	15.9	X	69.20487	245.47478	152.37329	11.64415	0.1674369	0.19281601	2.9673856	20	—	—
368470 2003 SM_{180}	17.5	X	22.96350	20.55231	274.02379	4.10692	0.1561617	0.29018266	2.2595489	20	10 1.4	19.8
368471 2003 SU_{185}	17.6	X	2.63112	59.30572	262.75135	3.91931	0.1408888	0.29161124	2.2521633	20	10 5.2	19.7
368472 2003 SQ_{191}	15.6	X	288.22550	195.99979	305.33569	9.34568	0.0472963	0.18814958	3.0162492	20	—	—
368473 2003 SY_{192}	17.3	X	305.41492	85.06217	317.27708	5.84447	0.1286684	0.29043686	2.2582303	20	10 13.4	19.3
368474 2003 SM_{199}	17.3	X	8.99821	335.06688	352.04553	4.27646	0.1973243	0.29104361	2.2550907	20	11 3.9	19.5
368475 2003 SY_{223}	16.4	X	328.74153	53.45406	27.55213	18.66171	0.3274500	0.29219988	2.2491376	20	—	—
368476 2003 SM_{226}	15.5	X	17.05497	199.87003	190.83024	9.98455	0.0707406	0.18217572	3.0818326	20	12 23.8	19.8
368477 2003 SX_{253}	17.0	X	24.96155	104.48542	216.89572	3.24477	0.3248463	0.29459726	2.2369190	20	12 12.2	19.9
368478 2003 SV_{255}	17.1	X	327.08250	150.95797	202.16985	6.14214	0.2048455	0.28728900	2.2746961	20	9 7.6	18.6
368479 2003 SP_{283}	16.2	X	83.80098	103.95474	244.87437	8.64655	0.1287093	0.18989881	2.9976981	20	—	—
368480 2003 SD_{286}	15.6	X	146.37921	47.29023	215.09647	9.01670	0.0501497	0.18332114	3.0689820	20	12 16.8	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368481 2003 SG_{291}	16.9	X	40.82979	95.91258	212.33096	6.51830	0.2749628	0.29442031	2.2378151	20	12 5.9	20.1
368482 2003 ST_{292}	16.9	X	317.60285	147.28821	230.09199	8.63736	0.1327539	0.28940449	2.2635975	20	9 28.0	18.8
368483 2003 SM_{296}	17.5	X	289.38680	121.62347	264.40201	8.84518	0.1256933	0.28526045	2.2854673	20	8 14.7	20.0
368484 2003 SZ_{296}	15.6	X	71.40303	80.43609	301.38813	11.01013	0.1367881	0.19097356	2.9864406	20	—	—
368485 2003 SK_{303}	17.3	X	317.56730	132.71476	251.38903	6.28949	0.1564497	0.28990188	2.2610076	20	10 9.2	19.0
368486 2003 SM_{313}	17.5	X	355.76803	21.97890	303.91756	7.62354	0.1893876	0.29087821	2.2559454	20	10 1.5	19.4
368487 2003 SU_{327}	16.8	X	83.76784	156.55792	189.76291	5.83548	0.1874650	0.18939183	3.0030453	20	—	—
368488 2003 SN_{378}	18.2	X	122.00796	89.33564	62.61998	1.24751	0.1431890	0.27891080	2.3200241	20	7 20.9	21.4
368489 2003 TF	17.0	X	345.58213	134.95883	198.44463	6.66994	0.1781833	0.28722831	2.2750165	20	9 21.7	18.5
368490 2003 TN_{35}	17.2	X	140.91148	282.95143	241.50520	6.04067	0.1153326	0.28207599	2.3026361	20	8 22.8	20.6
368491 2003 TE_{36}	16.2	X	135.11226	54.02386	222.58480	10.92512	0.0344181	0.18325116	3.0697633	20	12 20.8	20.8
368492 2003 TT_{44}	16.1	X	109.28079	42.20531	251.23478	8.65807	0.0651121	0.18228602	3.0805894	20	12 14.5	20.7
368493 2003 UC_{1}	15.3	X	134.91171	16.19708	249.49216	8.61581	0.0542865	0.18183590	3.0856711	20	12 8.4	19.8
368494 2003 UE_{21}	17.5	X	130.07275	84.31705	232.32799	19.33023	0.0650277	0.36528174	1.9381352	20	—	—
368495 2003 UA_{25}	15.9	X	107.46946	342.13102	350.79962	10.63624	0.0791989	0.18785287	3.0194244	20	—	—
368496 2003 UY_{59}	16.1	X	88.23381	92.85688	275.77740	11.69762	0.1945465	0.19130653	2.9829744	20	—	—
368497 2003 UH_{60}	15.6	X	13.28074	172.22480	261.85272	11.39201	0.2091249	0.18578560	3.0417815	20	—	—
368498 2003 UR_{75}	17.6	X	332.62869	51.85011	306.95072	4.09359	0.1667530	0.28909942	2.2651896	20	10 2.4	19.2
368499 2003 UH_{77}	15.9	X	15.94541	140.95020	266.75305	10.52264	0.1652134	0.18368544	3.0649229	20	—	—
368500 2003 UZ_{92}	16.1	X	45.92708	177.86381	232.75144	5.75481	0.2622735	0.18779343	3.0200615	20	—	—
368501 2003 UL_{104}	18.0	X	335.41071	160.12814	196.88691	2.63366	0.1786587	0.28964641	2.2623369	20	10 9.9	19.2
368502 2003 UQ_{120}	17.9	X	309.34933	149.32503	207.37562	5.82604	0.1215298	0.28431283	2.2905428	20	8 8.3	20.2
368503 2003 UY_{127}	15.2	X	65.30479	78.28990	255.77002	10.40703	0.1058459	0.18050371	3.1008348	20	12 18.9	19.6
368504 2003 UY_{139}	16.3	X	74.49120	270.85472	83.79250	7.94602	0.2140822	0.18727670	3.0256142	20	—	—
368505 2003 UH_{145}	15.2	X	106.13955	111.76590	219.11482	16.02462	0.1261297	0.18532521	3.0468171	20	—	—
368506 2003 UY_{147}	17.4	X	19.60942	306.45579	119.76442	4.55432	0.2311769	0.24359549	2.5391589	20	—	—
368507 2003 UD_{155}	16.3	X	17.08872	355.49576	65.30433	6.66229	0.2565651	0.18556386	3.0442043	20	—	—
368508 2003 US_{192}	16.2	X	56.10365	158.42302	210.79117	15.92175	0.1314150	0.18494850	3.0509529	20	—	—
368509 2003 UQ_{199}	17.3	X	357.34414	163.73354	169.60720	2.99010	0.1944014	0.29018231	2.2595507	20	10 24.3	19.0
368510 2003 UK_{212}	17.0	X	205.19758	194.55584	246.99377	5.87257	0.0831092	0.27560042	2.3385651	20	7 15.3	20.2
368511 2003 UR_{225}	16.3	X	40.04424	163.83161	225.80132	17.08385	0.1232074	0.18427660	3.0583646	20	—	—
368512 2003 UH_{232}	18.0	X	5.09096	54.42410	272.42079	2.03105	0.1735700	0.28990507	2.2609910	20	10 23.6	20.0
368513 2003 UC_{239}	15.9	X	280.33915	271.20400	210.22534	10.20360	0.0220107	0.18020410	3.1042708	20	12 6.4	20.3
368514 2003 UG_{242}	17.6	X	310.50916	183.65938	202.25705	5.42352	0.1928933	0.28728684	2.2747075	20	9 23.9	19.1
368515 2003 UK_{254}	17.0	X	44.51003	236.51819	195.98839	1.66149	0.1729350	0.19063838	2.9899401	20	—	—
368516 2003 UJ_{258}	16.4	X	0.48448	318.77681	104.71995	4.33887	0.2774393	0.18085032	3.0968716	20	—	—
368517 2003 UF_{326}	18.0	X	6.34484	50.27914	263.11981	5.87139	0.2175809	0.29264358	2.2468636	20	10 11.2	19.9
368518 2003 UW_{355}	17.9	X	296.14818	15.07681	9.75047	2.80426	0.1748620	0.28535343	2.2849708	20	8 23.6	19.7
368519 2003 UD_{374}	15.9	X	34.21424	188.45196	220.13571	8.22466	0.0576502	0.19159802	2.9799481	20	—	—
368520 2003 UL_{382}	18.2	X	194.22442	35.08049	65.69555	3.67087	0.1447194	0.27977985	2.3152173	20	7 27.4	21.7
368521 2003 WP_{8}	15.9	X	17.32857	75.57212	354.86852	8.80436	0.0950131	0.18412981	3.0599898	20	—	—
368522 2003 WX_{18}	17.8	X	256.59988	53.50214	351.84605	5.63273	0.1826518	0.27929984	2.3178692	20	7 18.5	20.9
368523 2003 WZ_{18}	15.3	X	349.22067	146.66378	266.62222	13.92779	0.0837844	0.17696574	3.1420270	20	12 13.5	19.3
368524 2003 WS_{19}	15.8	X	76.87434	353.47492	344.13200	8.79062	0.0990517	0.18002587	3.1063194	20	—	—
368525 2003 WV_{32}	16.2	X	348.62880	194.00388	250.83389	9.07259	0.1778654	0.18168391	3.0873917	20	—	—
368526 2003 WE_{43}	17.8	X	342.55263	5.83533	328.39690	6.73114	0.2086600	0.28546164	2.2843933	20	9 16.4	19.2
368527 2003 WZ_{43}	15.8	X	349.80922	146.67437	280.38686	10.80229	0.0739577	0.17880659	3.1204246	20	12 31.0	19.8
368528 2003 WA_{47}	17.7	X	274.44908	345.08477	39.10130	5.02407	0.1307341	0.28138662	2.3063953	20	7 22.2	20.3
368529 2003 WX_{55}	17.2	X	169.37020	197.42020	276.51401	5.82845	0.1223475	0.27307313	2.3529719	20	7 17.8	20.7
368530 2003 WN_{70}	16.6	X	70.90345	299.82968	101.29554	2.43217	0.2567773	0.19058855	2.9904612	20	1 12.1	19.7
368531 2003 WN_{82}	17.3	X	330.20412	189.87575	182.92919	10.57454	0.3876227	0.28962727	2.2624366	20	11 27.2	18.0
368532 2003 WK_{91}	17.4	X	323.09492	182.04682	192.89813	5.46645	0.1913429	0.28738892	2.2741688	20	10 9.5	18.5
368533 2003 WK_{92}	15.7	X	47.27473	223.62952	205.35527	10.13061	0.2592700	0.18760396	3.0220945	20	1 2.2	18.7
368534 2003 WC_{102}	16.1	X	18.03141	158.01790	255.36884	4.75722	0.1555615	0.18209394	3.0827553	20	—	—
368535 2003 WH_{114}	15.5	X	104.18972	54.17933	279.50400	7.69189	0.0639940	0.18295123	3.0731174	20	—	—
368536 2003 WH_{115}	17.4	X	265.53386	133.30721	262.14296	4.82868	0.1981610	0.27937747	2.3174398	20	7 11.7	20.1
368537 2003 WL_{119}	16.3	X	35.39675	106.91250	333.63187	3.93357	0.2648307	0.18599519	3.0394960	20	—	—
368538 2003 WH_{131}	15.5	X	323.34733	188.92361	258.82566	14.93907	0.0842663	0.17674532	3.1446388	20	12 17.9	19.3
368539 2003 WN_{148}	15.4	X	32.60521	146.35263	269.64910	15.45813	0.1756003	0.18408107	3.0605299	20	—	—
368540 2003 WZ_{157}	16.0	X	30.70541	305.72403	112.96578	16.20870	0.3368936	0.18420484	3.0591588	20	—	—
368541 2003 WV_{158}	15.9	X	24.26191	122.97661	237.12892	8.04240	0.0594783	0.17511862	3.1640828	20	11 23.3	20.2
368542 2003 WO_{165}	16.1	X	9.05555	157.53498	244.19953	8.29218	0.0985704	0.17735175	3.1374663	20	12 28.2	20.2
368543 2003 WO_{168}	16.5	X	132.45394	278.90185	98.11607	7.99268	0.2466745	0.19830099	2.9124118	20	2 24.6	21.2
368544 2003 WC_{192}	17.8	X	342.09353	42.37787	312.48462	4.90334	0.1599921	0.28805560	2.2706586	20	10 16.5	19.7
368545 2003 YL_{1}	17.3	X	350.33803	305.99499	286.84753	16.62079	0.0369731	0.38085612	1.8849309	20	3 30.6	19.6
368546 2003 YX_{22}	17.4	X	280.79399	278.75240	144.65888	2.16615	0.1941154	0.28470056	2.2884627	20	9 20.3	19.2
368547 2003 YP_{57}	15.6	X	315.40793	199.86883	249.07730	15.17181	0.1892247	0.17360654	3.1824286	20	12 2.6	19.0
368548 2003 YR_{75}	15.7	X	43.83408	12.53632	79.67301	15.24226	0.1879398	0.18731728	3.0251772	20	1 23.4	19.1
368549 2003 YR_{81}	17.6	X	240.41904	137.15123	297.73917	5.36273	0.2154853	0.27723156	2.3293832	20	8 2.3	20.8
368550 2003 YY_{95}	15.8	X	23.90648	183.15756	240.16864	8.49125	0.1748155	0.18224175	3.0810882	20	—	—
368551 2003 YZ_{120}	17.7	X	227.42522	126.35068	317.82003	5.99463	0.1792814	0.27467310	2.3438256	20	8 5.4	21.0
368552 2003 YD_{124}	15.7	X	54.19867	87.86700	312.03647	9.75349	0.2455531	0.18679401	3.0308242	20	—	—
368553 2003 YB_{140}	15.9	X	64.27526	83.81328	302.08976	11.03545	0.2802361	0.18417361	3.0595046	20	—	—
368554 2003 YJ_{143}	15.3	X	275.08073	183.67714	322.36396	13.13338	0.0536809	0.17396239	3.1780872	20	12 25.2	19.8
368555 2003 YC_{154}	15.4	X	320.34916	138.76820	331.84388	24.13547	0.1836746	0.17330699	3.1860945	20	—	—
368556 2003 YT_{163}	17.5	X	332.87941	51.36241	305.14153	2.05462	0.1726951	0.28462324	2.2888771	20	9 29.3	18.9
368557 2004 BX_{19}	15.6	X	80.28007	288.86517	95.33616	10.74431	0.1269774	0.18102930	3.0948300	20	—	—
368558 2004 BC_{22}	17.4	X	185.21054	43.94916	308.06134	19.07620	0.0657247	0.37044352	1.9200891	20	2 7.1	19.5
368559 2004 BN_{36}	15.9	X	348.31404	101.45645	321.02749	5.02854	0.1184231	0.17028703	3.2236534	20	12 24.2	19.9
368560 2004 BF_{57}	17.2	X	224.41393	192.84983	259.87285	5.23150	0.1888289	0.27500082	2.3419632	20	8 10.3	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368561 2004 BM_{83}	17.1	X	320.13637	54.02321	153.26088	24.12376	0.0498500	0.36787581	1.9290133	20	1 11.1	19.6
368562 2004 BZ_{85}	17.4	X	77.49102	276.90812	144.33771	23.72486	0.0703724	0.36505252	1.9389464	20	—	—
368563 2004 CU_{1}	17.8	X	163.50427	56.09736	312.49285	16.63134	0.0819150	0.36856163	1.9266196	20	2 6.4	19.8
368564 2004 CB_{84}	17.6	X	222.29138	281.71018	160.98121	1.39194	0.1474959	0.27046207	2.3680914	20	7 31.3	20.8
368565 2004 FE_{5}	19.9	X	282.90657	243.44603	189.41840	18.30155	0.6003835	0.70935431	1.2451660	20	—	—
368566 2004 GM_{9}	17.7	X	348.52497	170.02249	16.56808	5.43154	0.0715917	0.24004623	2.5641265	20	2 15.8	20.7
368567 2004 GO_{44}	17.0	X	237.50655	169.61226	199.25293	4.49557	0.0931912	0.25381977	2.4705051	20	5 15.7	20.4
368568 2004 GY_{46}	17.3	X	227.19053	144.36310	202.37868	9.72782	0.1286763	0.24455457	2.5325160	20	4 1.3	21.0
368569 2004 JP_{20}	17.5	X	346.19988	261.38154	226.64886	23.92060	0.1073301	0.35121018	1.9895643	20	—	—
368570 2004 JN_{44}	16.1	X	296.65496	352.51025	214.69586	12.32925	0.1760513	0.23250240	2.6192950	20	—	—
368571 2004 KK	16.6	X	241.48381	31.21495	249.34024	8.79601	0.2021056	0.23041104	2.6351208	20	1 21.1	21.2
368572 2004 LN_{8}	16.4	X	226.59079	58.33496	218.25195	16.01237	0.1947370	0.22696874	2.6616974	20	1 4.5	21.2
368573 2004 NO_{24}	16.4	X	202.93687	13.71916	314.49364	13.31971	0.2547243	0.22222093	2.6994756	20	2 16.0	21.2
368574 2004 PN_{1}	15.9	X	163.92411	79.46423	293.52669	23.71985	0.3192759	0.21985808	2.7187823	20	3 2.5	21.3
368575 2004 PC_{3}	16.0	X	249.78689	302.35468	325.07988	15.35589	0.1356254	0.22397627	2.6853529	20	1 22.4	20.2
368576 2004 PE_{35}	16.4	X	183.95006	40.12726	334.53298	12.95990	0.2779272	0.22342096	2.6898007	20	3 24.8	21.4
368577 2004 PZ_{42}	16.8	X	164.37499	84.34288	297.56102	7.21226	0.3154184	0.21999457	2.7176576	20	3 22.0	21.8
368578 2004 PH_{56}	15.9	X	129.30853	108.36275	313.30382	10.59514	0.1752889	0.22150355	2.7053010	20	3 29.6	20.3
368579 2004 PX_{67}	16.6	X	177.84552	215.03480	160.77656	14.77264	0.1982146	0.22431582	2.6826424	20	3 26.6	21.1
368580 2004 PC_{70}	16.2	X	213.02449	347.22427	312.30944	8.82947	0.2825060	0.21979745	2.7192822	20	1 23.7	21.0
368581 2004 PE_{92}	16.4	X	197.25711	69.70954	269.86604	9.68317	0.2381903	0.22282633	2.6945839	20	2 22.3	21.3
368582 2004 PD_{105}	15.9	X	143.01965	100.81439	263.05193	11.92273	0.1472592	0.21569675	2.7536389	20	2 1.1	20.2
368583 2004 QX_{4}	16.6	X	174.85693	62.55845	312.54693	11.81805	0.1855984	0.22252867	2.6969863	20	3 15.6	21.2
368584 2004 QZ_{7}	16.7	X	214.40750	246.25210	96.69966	13.49220	0.2593028	0.22696320	2.6617407	20	3 19.9	21.6
368585 2004 QV_{20}	16.4	X	163.15025	105.03182	275.82518	7.41674	0.2826619	0.22125191	2.7073518	20	3 18.4	21.4
368586 2004 RG_{22}	16.8	X	184.18125	335.87784	348.48916	3.06800	0.1940030	0.21747570	2.7386018	20	1 30.2	21.4
368587 2004 RA_{23}	16.2	X	99.79341	246.49931	159.87193	9.52339	0.1713346	0.21328085	2.7743940	20	2 11.3	19.8
368588 Lazrek	16.1	X	215.50767	324.50454	324.21069	16.98147	0.2859682	0.21912141	2.7248724	20	1 15.8	21.2
368589 2004 RD_{29}	15.6	X	240.37317	319.41713	314.64311	33.24143	0.3264778	0.22598464	2.6694191	20	1 17.5	20.8
368590 2004 RN_{43}	16.4	X	133.59353	206.66627	183.69382	8.46580	0.2161195	0.21699090	2.7426794	20	3 4.2	20.7
368591 2004 RQ_{43}	16.0	X	212.50719	315.29910	329.96897	8.34372	0.1353503	0.21688361	2.7435838	20	1 8.5	20.5
368592 2004 RO_{66}	16.5	X	144.53885	33.03886	359.46063	8.08596	0.1986947	0.21779855	2.7358948	20	3 16.6	20.8
368593 2004 RO_{67}	16.5	X	201.79804	27.63366	341.71219	0.66660	0.1769247	0.22496593	2.6774716	20	4 5.4	20.9
368594 2004 RJ_{81}	16.5	X	132.17284	87.32912	339.61180	7.65231	0.2995994	0.21897101	2.7261200	20	4 20.8	21.3
368595 2004 RP_{88}	16.9	X	182.56497	81.58589	232.30624	7.49046	0.2879720	0.21812809	2.7331386	20	1 17.7	21.9
368596 2004 RG_{101}	16.7	X	140.50194	176.22774	189.46220	7.21312	0.3229204	0.21428005	2.7657625	20	2 18.6	21.6
368597 2004 RM_{104}	16.5	X	121.14702	187.91232	197.88364	15.51026	0.2226754	0.21255772	2.7806829	20	2 14.1	20.9
368598 2004 RE_{105}	16.0	X	162.45085	32.59528	323.64351	12.30647	0.1355733	0.21570666	2.7535545	20	2 13.9	20.2
368599 2004 RA_{160}	16.1	X	140.38864	61.15740	321.30341	8.46287	0.4189125	0.21422892	2.7662026	20	3 13.8	21.3
368600 2004 RR_{187}	16.6	X	108.63102	97.98748	298.51497	6.27035	0.2323451	0.21132435	2.7914918	20	2 17.5	20.7
368601 2004 RY_{195}	16.2	X	117.50477	82.73159	318.44931	9.09698	0.1372092	0.21370853	2.7706913	20	2 20.9	20.3
368602 2004 RV_{196}	16.5	X	152.71229	129.99114	225.59038	11.34378	0.1762674	0.21361204	2.7715256	20	2 3.4	21.1
368603 2004 RR_{206}	16.7	X	205.10097	91.44418	203.28721	14.32037	0.3492100	0.21978294	2.7194019	20	1 10.6	22.2
368604 2004 RD_{210}	16.4	X	119.34967	103.58019	304.36943	13.40092	0.3011235	0.21473579	2.7618479	20	3 15.3	21.1
368605 2004 RA_{212}	15.8	X	201.70049	42.37270	279.82709	12.87998	0.1562162	0.22021179	2.7158701	20	2 5.8	20.4
368606 2004 RJ_{212}	15.9	X	123.47341	125.09901	286.51864	12.65708	0.1280859	0.21714849	2.7413522	20	3 4.7	20.1
368607 2004 RJ_{215}	16.1	X	165.56993	112.33704	271.07507	10.25642	0.2727073	0.21947129	2.7219757	20	3 21.5	21.2
368608 2004 RQ_{217}	15.7	X	96.82930	162.16694	256.25504	12.08502	0.0894657	0.21212893	2.7844288	20	2 6.7	19.7
368609 2004 RT_{222}	15.9	X	157.35430	86.87102	317.07975	23.36184	0.1965310	0.21918352	2.7243576	20	3 27.6	20.9
368610 2004 RG_{239}	16.8	X	92.44593	248.33616	179.98442	4.90499	0.0973344	0.21564260	2.7540998	20	2 18.1	20.5
368611 2004 RY_{252}	15.4	X	131.34769	104.53994	293.62225	24.46266	0.1350035	0.21318069	2.7752629	20	2 21.5	19.9
368612 2004 RF_{258}	16.7	X	109.89741	208.20521	185.27471	9.01891	0.1630533	0.21265530	2.7798321	20	2 5.3	20.7
368613 2004 RD_{309}	17.0	X	109.00110	256.23407	146.28653	8.35487	0.2361868	0.21311044	2.7758728	20	2 27.9	21.0
368614 2004 RZ_{321}	16.3	X	130.31073	175.69503	205.86823	8.12316	0.2587117	0.21289786	2.7777203	20	2 22.7	20.8
368615 2004 SP_{4}	17.1	X	171.49215	151.68309	184.20130	9.61398	0.1371261	0.21645134	2.7472353	20	1 27.5	21.6
368616 2004 SJ_{5}	17.4	X	141.94486	100.64090	298.92125	2.38723	0.2307137	0.21804968	2.7337938	20	3 23.8	21.8
368617 Sebastianotero	16.4	X	110.73125	342.55117	30.99866	4.84206	0.1356296	0.20916346	2.8106850	20	1 12.4	20.2
368618 2004 TV_{19}	16.5	X	139.78361	167.91017	185.97074	16.72201	0.2608457	0.21004131	2.8028482	20	1 29.5	21.4
368619 2004 TR_{21}	16.6	X	153.23587	111.38528	227.70821	4.47760	0.0318545	0.21040552	2.7996128	20	1 5.2	20.5
368620 2004 TG_{58}	16.9	X	143.71028	178.27607	191.58957	3.51170	0.1102673	0.21353614	2.7721823	20	2 8.5	21.1
368621 2004 TD_{70}	16.6	X	140.01212	195.50243	184.48171	3.94825	0.2130710	0.21284624	2.7781695	20	2 27.1	21.1
368622 2004 TO_{188}	17.0	X	142.04640	301.46788	9.94532	1.89951	0.0519153	0.20307661	2.8665715	20	—	—
368623 2004 TF_{195}	16.4	X	123.88841	158.71207	224.76630	5.29436	0.0757716	0.21024688	2.8010209	20	1 29.3	20.4
368624 2004 TW_{210}	16.7	X	129.21125	183.05340	197.80718	4.08277	0.0872414	0.21159336	2.7891253	20	2 3.2	20.6
368625 2004 TC_{216}	16.1	X	199.90250	333.63715	26.58568	10.18483	0.1223501	0.21938611	2.7226802	20	3 27.1	20.4
368626 2004 TL_{228}	16.8	X	125.27437	141.62771	236.15831	1.70467	0.1246740	0.21049398	2.7988283	20	1 31.5	20.9
368627 2004 TS_{355}	16.2	X	197.24251	234.31820	108.42316	10.19774	0.2507927	0.21962249	2.7207263	20	3 4.9	21.1
368628 2004 UJ_{10}	17.1	X	153.68026	188.94080	161.78364	4.66759	0.0808351	0.21239211	2.7821282	20	1 24.6	21.1
368629 2004 VH_{5}	16.4	X	126.08167	131.02444	250.67096	6.89982	0.2470439	0.20989555	2.8041456	20	2 17.7	20.9
368630 2004 VC_{24}	16.1	X	154.20834	259.62066	129.70665	9.78539	0.1764134	0.21422601	2.7662277	20	3 23.3	20.6
368631 2004 VN_{74}	16.0	X	335.41334	5.92790	101.23915	6.43740	0.1768341	0.19278068	2.9677482	20	—	—
368632 2004 XM_{18}	16.8	X	154.94705	302.28960	90.63365	2.68354	0.3008699	0.21500903	2.7595075	20	4 1.9	21.6
368633 2004 XB_{41}	16.1	X	66.84363	200.00209	223.58105	2.58270	0.2003786	0.19979250	2.8978991	20	1 23.2	19.3
368634 2004 XF_{107}	15.9	X	102.51383	148.79912	278.35426	7.73662	0.1387994	0.21054823	2.7983475	20	3 4.3	19.9
368635 2004 XK_{145}	16.1	X	312.44052	350.56619	110.69821	7.20222	0.1992537	0.18297071	3.0728993	20	12 16.6	19.4
368636 2004 YU_{14}	17.0	X	126.68625	347.38351	85.93707	3.54565	0.2358299	0.21034388	2.8001596	20	4 23.5	21.4
368637 2004 YE_{20}	16.2	X	58.59126	113.51174	290.16141	9.02471	0.1133125	0.19169780	2.9789139	20	—	—
368638 2004 YM_{20}	15.7	X	68.07001	92.01055	292.60558	8.57283	0.0737632	0.18909172	3.0062219	20	—	—
368639 2005 AH_{59}	15.5	X	64.76976	301.54602	106.82701	11.15171	0.0841674	0.19333677	2.9620547	20	—	—
368640 2005 CV_{1}	15.3	X	59.88378	58.87242	300.03539	8.25747	0.0277804	0.18164370	3.0878474	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368641 2005 CG_{10}	17.9	X	34.18599	136.58310	76.64948	3.09522	0.1804903	0.27248007	2.3563848	20	6 19.5	20.0
368642 2005 CP_{18}	15.8	X	256.87163	184.98256	315.71748	14.42985	0.0961320	0.17541536	3.1605134	20	11 14.9	20.5
368643 2005 CO_{44}	15.1	X	96.44615	328.30601	332.87025	26.41386	0.1462626	0.17133107	3.2105440	20	12 15.7	20.6
368644 2005 CW_{78}	15.8	X	235.62056	180.15113	340.92874	9.89737	0.0450232	0.17203814	3.2017412	20	11 21.4	20.5
368645 2005 CR_{80}	15.7	X	228.17852	205.68879	334.35176	17.10282	0.1823546	0.17523827	3.1626423	20	11 16.2	20.9
368646 2005 ES_{12}	17.4	X	84.44989	180.06018	39.94396	3.92085	0.1145842	0.28214815	2.3022434	20	9 7.9	20.5
368647 2005 EJ_{18}	17.4	X	167.66077	359.52750	156.45628	5.04733	0.0953581	0.28837388	2.2689875	20	9 14.4	20.5
368648 2005 EV_{82}	17.1	X	88.76320	281.06546	284.18161	1.49917	0.1482981	0.27922886	2.3182620	20	8 25.1	20.3
368649 2005 EK_{118}	15.9	X	2.98129	153.41396	298.77411	12.23595	0.2154921	0.18541911	3.0457883	20	—	—
368650 2005 ET_{129}	16.1	X	11.61671	291.39879	148.64419	10.45856	0.2072264	0.18895128	3.0077114	20	—	—
368651 2005 EH_{146}	15.7	X	289.27324	309.41909	175.41916	17.71911	0.1524985	0.17390839	3.1787451	20	12 8.2	20.0
368652 2005 EX_{161}	15.8	X	77.84210	25.45363	31.11726	5.96501	0.1920616	0.18668808	3.0319707	20	2 4.9	19.6
368653 2005 EN_{171}	17.3	X	72.32911	278.91903	290.65205	4.43026	0.1136704	0.27723038	2.3293898	20	8 4.7	20.1
368654 2005 EK_{180}	17.4	X	309.67691	148.75130	188.84594	6.63528	0.1127168	0.27900129	2.3195224	20	7 10.9	19.8
368655 2005 EV_{190}	15.6	X	159.03716	297.31542	314.34622	8.06582	0.0520929	0.17484012	3.1674418	20	12 15.9	20.5
368656 2005 ER_{203}	18.4	X	86.37224	202.87630	345.84636	4.65958	0.1428568	0.28034636	2.3120973	20	7 31.3	21.3
368657 2005 EZ_{213}	17.5	X	36.14541	352.82797	229.16601	5.67935	0.2220584	0.27091771	2.3654355	20	7 13.9	19.7
368658 2005 EJ_{223}	16.9	X	99.81736	44.21961	143.14130	4.69183	0.0803349	0.27679466	2.3318337	20	8 5.3	19.9
368659 2005 EM_{324}	17.7	X	60.04885	342.11203	212.40554	2.79808	0.1846783	0.27037168	2.3686192	20	7 7.4	20.4
368660 2005 GK_{18}	17.7	X	6.72297	93.57900	124.54694	5.73925	0.1816594	0.26366273	2.4086307	20	4 26.8	19.6
368661 2005 GO_{31}	17.4	X	119.47755	354.56481	162.79682	10.71654	0.1243416	0.27632531	2.3344734	20	7 22.0	20.8
368662 2005 GX_{81}	18.1	X	58.27226	182.48388	19.38762	2.47879	0.1305534	0.27457040	2.3444100	20	7 7.2	20.7
368663 2005 GR_{110}	17.7	X	344.63212	269.22544	6.57225	0.95680	0.1706850	0.26617879	2.3934283	20	6 7.0	19.6
368664 2005 JA_{22}	18.6	X	154.09329	252.23166	166.33295	13.24032	0.2987750	0.51839025	1.5347283	20	4 25.4	20.5
368665 2005 JW_{84}	17.1	X	342.54646	179.84893	99.74834	3.50182	0.2134119	0.26633765	2.3924765	20	6 5.2	18.6
368666 2005 JN_{96}	17.5	X	340.63926	46.14817	211.15211	6.13323	0.1655246	0.26493851	2.4008922	20	4 29.1	19.6
368667 2005 JD_{106}	17.3	X	301.46267	243.56937	79.36374	3.41983	0.2019526	0.26428248	2.4048637	20	5 20.2	20.0
368668 2005 JF_{164}	17.9	X	31.66400	113.93059	88.61860	3.27282	0.1342974	0.26461507	2.4028482	20	5 21.8	20.0
368669 2005 LL_{23}	17.2	X	240.25417	76.92435	280.77107	11.16434	0.2486832	0.25083702	2.4900513	20	4 14.8	21.6
368670 2005 NU	15.0	X	279.46928	210.77597	155.23112	1.69513	0.1811604	0.12451091	3.9718951	20	6 17.9	20.6
368671 2005 NX_{35}	16.9	X	294.48301	150.40845	145.46505	13.66829	0.1372358	0.25245195	2.4794207	20	4 17.2	20.3
368672 2005 OZ_{13}	18.2	X	232.19476	143.35429	149.71209	23.88614	0.0602986	0.37007136	1.9213762	20	1 15.4	20.7
368673 2005 QJ_{13}	17.5	X	234.08319	356.95808	312.67121	5.68894	0.2156962	0.24028637	2.5624179	20	2 18.0	21.9
368674 2005 QF_{22}	17.8	X	256.02949	146.95025	163.04064	8.60819	0.1749988	0.24448127	2.5330222	20	3 12.7	21.5
368675 2005 QX_{22}	17.0	X	113.63624	166.06702	316.73683	4.29549	0.1213174	0.24646098	2.5194395	20	5 28.3	20.6
368676 2005 QQ_{29}	16.6	X	160.62869	219.11866	197.28742	8.88648	0.1661702	0.24179359	2.5517582	20	4 27.1	20.6
368677 2005 QB_{68}	14.9	X	305.73314	239.90759	104.99394	2.56870	0.2407597	0.12426630	3.9771057	20	6 18.3	20.0
368678 2005 QN_{81}	18.0	X	246.53466	14.81132	323.93354	3.40179	0.2173307	0.24632737	2.5203505	20	4 2.7	22.0
368679 2005 QC_{90}	18.1	X	224.11785	51.85732	297.33171	2.26524	0.2774425	0.24443009	2.5333758	20	3 25.3	22.6
368680 2005 QZ_{155}	16.7	X	256.04451	43.74576	277.39692	14.10733	0.1322100	0.24305932	2.5428917	20	3 22.7	20.8
368681 2005 QW_{188}	17.1	X	271.24240	10.88152	255.69613	1.66215	0.0677578	0.23646447	2.5899544	20	2 14.8	20.6
368682 2005 RY_{1}	16.4	X	139.10369	147.95851	274.58500	14.25473	0.1044145	0.23548160	2.5971562	20	3 31.3	20.6
368683 2005 RB_{5}	16.3	X	117.99564	129.35834	303.54650	13.00196	0.1250842	0.23354818	2.6114701	20	3 22.9	20.2
368684 2005 RB_{6}	14.6	X	306.93177	354.34909	352.98070	8.81108	0.2211814	0.12312563	4.0016314	20	6 26.6	19.8
368685 2005 RK_{20}	17.0	X	226.88995	93.20131	265.01588	11.73704	0.2144152	0.24313532	2.5423617	20	4 6.5	21.5
368686 2005 SD_{14}	17.6	X	235.82579	138.46994	185.34035	8.06325	0.1783320	0.23953580	2.5677679	20	3 9.3	21.8
368687 2005 SN_{16}	17.2	X	237.56249	332.31464	350.61586	3.13396	0.1464694	0.23945838	2.5683213	20	3 12.8	21.0
368688 2005 SA_{34}	17.3	X	209.72055	188.03770	179.65587	11.62827	0.2434653	0.23992303	2.5650042	20	4 9.5	21.8
368689 2005 SN_{42}	17.6	X	239.26027	333.42099	313.06130	2.65713	0.2767575	0.23514098	2.5996637	20	1 24.9	22.1
368690 2005 SC_{43}	17.6	X	124.09200	106.91638	329.91662	3.18736	0.2256979	0.23227913	2.6209733	20	4 21.0	21.6
368691 2005 SW_{57}	17.2	X	242.11406	86.45521	186.86288	11.68262	0.1431521	0.23165059	2.6257122	20	1 16.0	21.5
368692 2005 SF_{75}	17.9	X	235.25812	118.45313	200.66894	0.53181	0.1986379	0.23950135	2.5680141	20	3 2.8	21.9
368693 2005 SY_{77}	17.4	X	190.85047	210.45795	180.43824	7.30414	0.1980590	0.24001694	2.5643352	20	4 23.3	21.6
368694 2005 SG_{91}	17.3	X	121.09585	45.58681	19.99670	6.51957	0.2287449	0.22974279	2.6402282	20	4 6.1	21.3
368695 2005 SN_{91}	17.7	X	169.92011	208.72054	198.64620	4.30825	0.2168786	0.23695078	2.5864095	20	4 25.6	22.0
368696 2005 SA_{115}	17.0	X	158.17668	212.36802	199.92371	9.29743	0.1136583	0.23688885	2.5868603	20	4 16.2	20.8
368697 2005 SQ_{116}	16.1	X	211.36939	187.65939	155.39849	19.81194	0.1193390	0.23688294	2.5869033	20	3 15.6	20.1
368698 2005 SU_{153}	18.0	X	232.04052	123.51282	217.00281	3.34423	0.2125933	0.24188472	2.5511173	20	3 24.3	22.1
368699 2005 SR_{155}	16.6	X	262.42650	2.27995	309.68088	13.16670	0.1833282	0.24336773	2.5407429	20	3 13.9	20.7
368700 2005 SR_{160}	17.1	X	45.04676	99.25588	6.58396	5.86118	0.1986297	0.22372015	2.6874021	20	2 6.2	19.6
368701 2005 SZ_{171}	16.4	X	327.23815	193.26422	356.56343	12.48466	0.1269710	0.22907586	2.6453502	20	1 15.4	19.9
368702 2005 SA_{200}	17.4	X	170.53776	168.59356	190.09344	10.73739	0.0243550	0.23087643	2.6315784	20	2 13.3	21.1
368703 2005 SC_{223}	16.7	X	235.33581	68.72998	284.75736	13.17572	0.0698037	0.24694543	2.5161434	20	4 18.5	20.6
368704 Roelgathier	17.0	X	247.37307	350.15204	325.17399	14.48870	0.1769949	0.24074731	2.5591461	20	3 6.6	21.1
368705 2005 SQ_{241}	17.2	X	107.30199	85.85096	326.38232	3.37124	0.1036273	0.22686754	2.6624889	20	2 17.4	20.7
368706 2005 SR_{241}	17.8	X	163.23438	137.93997	296.34482	2.90934	0.2004250	0.23932048	2.5693078	20	5 21.8	22.0
368707 2005 SQ_{265}	18.6	X	224.77909	154.85672	198.87985	8.57205	0.3225287	0.24241109	2.5474229	20	3 30.1	23.4
368708 2005 SD_{281}	17.4	X	194.51257	94.86727	277.09073	11.43147	0.2821481	0.23719731	2.5846171	20	3 27.0	22.3
368709 2005 SN_{293}	17.0	X	238.93208	4.82636	321.32983	5.59589	0.0323283	0.23739206	2.5832033	20	3 25.4	20.5
368710 2005 TK_{17}	17.8	X	208.45239	173.92335	174.11233	1.86851	0.1824047	0.23807907	2.5782314	20	3 15.7	22.0
368711 2005 TY_{25}	17.5	X	183.05560	337.19390	46.17190	1.95087	0.1088866	0.23488587	2.6015457	20	4 5.3	21.4
368712 2005 TN_{39}	17.2	X	154.22961	259.15628	175.56524	5.92350	0.2529355	0.23620791	2.5918294	20	5 18.7	21.7
368713 2005 TZ_{101}	17.4	X	107.71616	185.16312	237.10441	4.46305	0.0646788	0.22822858	2.6518932	20	2 22.7	20.9
368714 2005 TO_{106}	16.0	X	201.14296	10.73638	339.60236	18.62560	0.2951897	0.23598975	2.5934266	20	3 9.5	20.9
368715 2005 TP_{128}	17.5	X	223.93187	128.10984	214.75198	2.53817	0.0569051	0.23657982	2.5891125	20	3 28.9	21.2
368716 2005 TX_{153}	17.6	X	138.48419	166.37048	246.26763	1.66789	0.1463845	0.23159655	2.6261205	20	3 28.9	21.6
368717 2005 TU_{159}	16.2	X	230.60289	29.62859	224.06274	11.11738	0.1527799	0.22316075	2.6918912	20	—	—
368718 2005 TH_{163}	17.0	X	159.59212	140.84004	228.45143	4.65529	0.0259716	0.22911231	2.6450696	20	2 14.4	20.7
368719 Asparuh	17.6	X	185.17044	337.71650	59.36137	6.48428	0.2758638	0.23643361	2.5901798	20	4 26.4	22.2
368720 2005 UF_{16}	18.0	X	203.58504	304.19005	46.40373	4.51469	0.3400530	0.23680360	2.5874811	20	3 15.5	22.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368721 2005 UK_{29}	17.1	X	183.71146	337.59212	36.54898	5.52874	0.2724575	0.23432917	2.6056644	20	3 29.4	21.8
368722 2005 UX_{44}	17.3	X	197.84095	194.91206	194.50221	5.27570	0.1976043	0.23881195	2.5729540	20	4 26.7	21.6
368723 2005 UY_{50}	17.7	X	184.53333	123.71650	248.16373	3.39531	0.2824166	0.23470360	2.6028924	20	3 24.5	22.4
368724 2005 UZ_{50}	17.0	X	186.22595	357.18597	9.97983	3.47693	0.2153460	0.23373953	2.6100447	20	3 21.0	21.5
368725 2005 UN_{56}	17.4	X	114.33972	154.96724	225.85636	20.00368	0.0706473	0.35697444	1.9680886	20	—	—
368726 2005 UO_{60}	16.9	X	161.29992	166.29690	216.13305	2.23826	0.1222157	0.22939873	2.6428674	20	3 12.8	20.8
368727 2005 UR_{70}	16.9	X	218.34726	359.70106	352.26563	4.42211	0.2457379	0.23927256	2.5696509	20	3 26.2	21.3
368728 2005 UG_{77}	17.7	X	183.81544	156.89493	246.94496	3.76724	0.3241570	0.23725512	2.5841972	20	5 1.9	22.4
368729 2005 UN_{98}	16.9	X	114.99144	206.22476	201.22149	6.80343	0.1982478	0.22475656	2.6791342	20	3 2.9	20.8
368730 2005 UD_{110}	17.5	X	207.51888	94.74112	252.87429	3.41469	0.2513267	0.23403821	2.6078235	20	3 12.0	22.1
368731 2005 UM_{110}	16.9	X	148.05563	154.29415	253.63641	3.89618	0.2385143	0.23015672	2.6370616	20	4 7.6	21.4
368732 2005 UY_{167}	18.1	X	221.86957	81.58136	239.47870	2.74441	0.2018954	0.23424854	2.6062623	20	2 22.2	22.4
368733 2005 UK_{171}	16.8	X	166.40717	147.23155	230.18953	11.01906	0.1973775	0.23053201	2.6341989	20	3 12.3	21.3
368734 2005 UA_{202}	16.9	X	199.89015	94.08404	216.46609	5.24948	0.0659985	0.22326544	2.6910497	20	1 22.2	20.9
368735 2005 UL_{217}	16.0	X	113.64395	192.94977	237.95609	13.22307	0.2282556	0.22562476	2.6722569	20	4 1.4	20.2
368736 2005 UP_{229}	17.3	X	170.77908	179.94894	182.72008	2.53883	0.1151975	0.22855243	2.6493876	20	2 26.9	21.3
368737 2005 UA_{268}	16.7	X	69.11246	184.28637	246.01010	8.90484	0.0653934	0.21670866	2.7450601	20	1 14.1	20.2
368738 2005 UQ_{274}	17.3	X	193.25009	132.10060	239.65335	8.51594	0.2194617	0.23784862	2.5798965	20	3 28.6	21.9
368739 2005 UD_{289}	17.4	X	185.97437	52.06513	314.16799	3.38996	0.0736693	0.23118072	2.6292687	20	3 15.5	21.2
368740 2005 UN_{302}	16.4	X	70.82905	352.37875	85.44448	10.38438	0.1065834	0.22014168	2.7164467	20	2 3.8	19.8
368741 2005 UD_{307}	15.9	X	194.75546	22.78065	48.36629	15.70513	0.0773177	0.17460719	3.1702582	20	6 15.7	20.9
368742 2005 UU_{342}	16.9	X	127.71553	121.19773	305.22891	12.27203	0.1592103	0.23193030	2.6236006	20	3 30.3	21.1
368743 2005 UP_{346}	16.4	X	269.65011	40.29424	234.13723	15.07068	0.2479624	0.23206693	2.6225707	20	1 30.8	21.1
368744 2005 UM_{377}	16.4	X	100.86410	227.08788	212.04872	14.21322	0.0945125	0.22867978	2.6484038	20	3 9.3	20.2
368745 2005 US_{407}	17.7	X	226.90455	329.59344	4.38333	1.44870	0.1767771	0.23500407	2.6006733	20	3 15.2	21.8
368746 2005 UB_{416}	17.2	X	338.18114	344.51948	182.22411	4.91869	0.0519902	0.22098198	2.7095561	20	1 8.9	20.8
368747 2005 UC_{421}	17.4	X	122.05927	2.50243	41.23770	5.21387	0.1571170	0.22496441	2.6774838	20	3 5.3	21.2
368748 2005 UJ_{446}	16.7	X	206.78818	99.96895	251.66554	10.04838	0.1591076	0.23596778	2.5935875	20	3 14.3	21.1
368749 2005 UF_{452}	15.7	X	354.57961	212.00961	273.39365	14.11137	0.0928149	0.20603533	2.8390623	20	—	—
368750 2005 UZ_{454}	17.2	X	206.11909	215.40186	152.60382	4.81786	0.2561247	0.23879274	2.5730919	20	4 7.0	21.7
368751 2005 UG_{456}	16.9	X	214.00533	160.78821	179.74594	4.81525	0.2664316	0.23492806	2.6012342	20	3 9.4	21.6
368752 2005 UB_{481}	16.7	X	144.03507	284.96261	110.73744	13.77390	0.2824931	0.23045371	2.6347955	20	3 31.4	21.4
368753 2005 UY_{487}	16.8	X	188.28778	133.23490	272.46364	10.91104	0.1537267	0.24009244	2.5637975	20	5 5.9	21.1
368754 2005 UX_{509}	17.2	X	147.65881	75.64651	324.80927	5.55234	0.1979786	0.23053502	2.6341759	20	3 25.8	21.5
368755 2005 UF_{514}	18.0	X	199.38877	188.78308	193.32714	8.13534	0.1718849	0.24099492	2.5573929	20	4 19.4	22.2
368756 2005 UM_{522}	17.3	X	90.60058	35.14852	39.26239	3.74565	0.0396565	0.23026691	2.6362202	20	2 15.9	20.7
368757 2005 VW_{2}	16.9	X	144.76011	274.34615	173.21797	5.83698	0.2875149	0.23398457	2.6082221	20	5 28.5	21.6
368758 2005 VK_{6}	16.3	X	227.47561	62.10946	256.10775	11.44584	0.1601253	0.23014985	2.6371141	20	2 21.2	20.8
368759 2005 VF_{49}	16.4	X	139.40857	161.34212	272.27483	10.90857	0.1470829	0.23326854	2.6135568	20	4 22.5	20.5
368760 2005 VB_{66}	17.0	X	124.61292	324.54649	72.94977	3.12474	0.0912235	0.22581033	2.6707927	20	2 19.8	20.8
368761 2005 VB_{74}	17.0	X	192.09001	184.31028	204.94401	4.80008	0.2587665	0.23601696	2.5932273	20	4 20.9	21.7
368762 2005 VW_{75}	16.9	X	147.53082	112.51005	279.82533	5.12745	0.1195524	0.23003859	2.6379644	20	3 8.8	20.9
368763 2005 VP_{87}	17.3	X	228.82654	91.38917	210.00449	5.31038	0.0765221	0.22753685	2.6572651	20	2 9.7	21.4
368764 2005 VC_{101}	17.1	X	215.74048	323.25709	331.85854	1.39902	0.0752124	0.22583722	2.6705807	20	1 21.6	21.2
368765 2005 VV_{111}	16.9	X	250.14278	346.80542	272.64522	6.31315	0.0841186	0.21927980	2.7235601	20	1 14.2	20.8
368766 2005 VC_{120}	16.2	X	64.33102	157.05274	283.62884	4.91217	0.1115890	0.21113676	2.7931450	20	1 27.8	19.6
368767 2005 VX_{135}	17.1	X	161.00950	121.68103	244.87106	4.41570	0.0923734	0.22513299	2.6761470	20	2 18.9	21.2
368768 2005 WA_{3}	16.9	X	190.94329	280.33097	79.15656	13.08456	0.2829405	0.23379422	2.6096376	20	3 22.8	21.9
368769 2005 WZ_{9}	16.2	X	121.11104	187.78606	253.65814	11.66094	0.1358338	0.22813096	2.6526496	20	4 11.8	20.2
368770 2005 WS_{14}	17.5	X	211.99864	91.85651	245.53321	1.97547	0.1177060	0.23011412	2.6373871	20	3 6.8	21.6
368771 2005 WC_{19}	16.0	X	224.92771	350.72332	249.70925	12.49610	0.0464448	0.21070391	2.7969690	20	—	—
368772 2005 WW_{26}	17.1	X	153.75278	138.52320	261.30683	4.84322	0.1905122	0.22910998	2.6450875	20	3 29.9	21.5
368773 2005 WZ_{29}	17.3	X	224.08487	328.44032	18.36959	2.53961	0.2517353	0.23577356	2.5950117	20	3 25.2	21.7
368774 2005 WZ_{48}	17.3	X	149.98735	116.71235	260.39503	5.12605	0.1458122	0.22415366	2.6839360	20	2 24.6	21.5
368775 2005 WF_{68}	15.9	X	201.12534	107.87434	252.14028	12.54465	0.2139932	0.23204692	2.6227215	20	3 18.4	20.7
368776 2005 WT_{82}	17.9	X	189.95918	159.75035	223.85916	3.06598	0.1310086	0.23486079	2.6017309	20	4 11.6	21.8
368777 2005 WJ_{105}	17.1	X	166.87863	244.28066	149.07090	11.96291	0.2061238	0.23142597	2.6274109	20	4 8.9	21.6
368778 2005 WG_{113}	17.9	X	25.66673	340.90082	104.03126	9.62279	0.1684595	0.34729366	2.0044942	20	—	—
368779 2005 WB_{121}	17.1	X	33.94194	25.31290	77.08179	3.13373	0.2173461	0.21473649	2.7618420	20	1 8.7	19.5
368780 2005 WH_{149}	16.5	X	153.96842	115.05561	266.67632	11.74604	0.1662343	0.22595869	2.6696235	20	3 2.8	20.9
368781 2005 WG_{157}	16.5	X	176.59179	144.66214	262.55765	12.63551	0.2887104	0.23236384	2.6203363	20	4 28.9	21.5
368782 2005 WM_{166}	16.4	X	156.33273	265.27183	100.15011	7.64493	0.0788789	0.21862599	2.7289873	20	2 16.2	20.4
368783 2005 WR_{174}	16.1	X	160.91427	35.94217	275.37413	12.85313	0.0850276	0.20979118	2.8050756	20	—	—
368784 2005 WV_{179}	16.2	X	224.42090	56.39780	274.92796	7.65947	0.1156663	0.23247002	2.6195382	20	3 8.5	20.4
368785 2005 WG_{189}	16.1	X	173.53951	155.76326	252.12291	10.85132	0.1660913	0.23240686	2.6200129	20	4 25.5	20.5
368786 2005 WK_{196}	16.2	X	63.91289	21.47514	123.68016	14.11885	0.1117940	0.22019249	2.7160288	20	4 28.4	19.9
368787 2005 XO_{2}	17.5	X	178.52940	38.60627	4.58751	4.11930	0.2730146	0.23505083	2.6003283	20	4 26.8	22.2
368788 2005 XM_{3}	17.1	X	169.04156	311.89801	99.77088	3.96643	0.2601930	0.23297050	2.6157853	20	5 2.3	21.7
368789 2005 XF_{8}	17.2	X	248.23259	194.69576	182.41517	8.91804	0.2746078	0.24524851	2.5277365	20	5 20.6	21.4
368790 2005 XK_{8}	19.8	X	25.01148	173.49642	277.77497	25.46393	0.2541187	0.48196857	1.6111040	20	—	—
368791 2005 XC_{40}	17.2	X	174.47012	87.54495	289.55719	3.94993	0.1458318	0.22588313	2.6702188	20	3 19.2	21.5
368792 2005 XZ_{49}	16.5	X	101.63405	135.62876	289.52098	6.31762	0.1771776	0.22057067	2.7129234	20	3 6.1	20.3
368793 2005 XL_{51}	16.8	X	148.52523	47.45136	328.55781	4.22476	0.1243514	0.22033512	2.7148567	20	2 22.5	20.7
368794 2005 XW_{53}	16.6	X	160.09253	159.46130	253.13570	10.65896	0.1518383	0.23132899	2.6281451	20	4 17.6	20.9
368795 2005 XJ_{78}	16.6	X	133.75291	257.74004	173.45760	12.77306	0.2406716	0.23034909	2.6355932	20	4 28.3	21.0
368796 2005 XB_{80}	16.3	X	212.29947	25.43260	8.67226	13.22125	0.1571725	0.23524175	2.5989212	20	5 11.9	20.6
368797 2005 YR_{17}	17.1	X	215.10433	136.66880	200.04953	3.53070	0.2299213	0.23233834	2.6205280	20	3 6.1	21.6
368798 2005 YT_{36}	16.3	X	139.60469	83.90838	297.95444	11.19664	0.1672428	0.21768993	2.7368048	20	2 21.4	20.6
368799 2005 YP_{37}	17.1	X	187.15552	85.67717	318.85941	5.05450	0.3529970	0.23517810	2.5993901	20	5 3.5	22.1
368800 2005 YU_{41}	16.1	X	124.78030	98.78453	305.96284	6.43310	0.0440620	0.21667809	2.7453184	20	2 20.9	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368801 2005 YT_{62}	17.4	X	49.10032	170.35472	304.30345	2.71183	0.0577975	0.21634037	2.7481747	20	2 12.6	20.7
368802 2005 YN_{71}	16.5	X	151.54267	300.82518	52.26182	6.35515	0.0820048	0.21582008	2.7525898	20	1 27.2	20.5
368803 2005 YJ_{73}	17.0	X	194.41314	77.87073	307.20389	4.45888	0.2830054	0.23359689	2.6111071	20	4 15.3	21.8
368804 2005 YC_{89}	16.9	X	147.42481	65.05116	311.47902	5.26874	0.0342703	0.21781124	2.7357885	20	2 12.7	20.6
368805 2005 YV_{96}	15.8	X	213.17503	72.36855	280.79843	10.34860	0.1818420	0.23416608	2.6068741	20	3 20.6	20.4
368806 2005 YY_{98}	15.7	X	223.42562	62.15917	260.31852	28.40150	0.1984561	0.23101792	2.6305038	20	2 12.3	20.7
368807 2005 YK_{117}	16.9	X	158.46357	0.12351	19.81723	1.46395	0.1963068	0.22141219	2.7060451	20	3 13.5	21.2
368808 2005 YR_{118}	16.9	X	10.23241	148.27715	342.01603	3.71514	0.0550727	0.21078237	2.7962749	20	1 9.9	20.5
368809 2005 YP_{134}	15.7	X	230.55587	271.50570	315.74445	11.61750	0.0333766	0.20247887	2.8722103	20	—	—
368810 2005 YE_{181}	16.9	X	173.40406	93.98371	319.36204	25.67679	0.4016437	0.23331517	2.6132085	20	4 26.6	22.6
368811 2005 YK_{186}	17.3	X	91.56863	246.54040	313.66034	17.55218	0.0384750	0.37358678	1.9093038	20	8 15.0	19.1
368812 2006 AA_{11}	16.2	X	207.50412	14.13248	24.37207	6.80022	0.3760952	0.23551690	2.5968967	20	5 8.9	21.3
368813 2006 AM_{20}	16.8	X	223.57983	346.05606	39.45732	5.38112	0.3025858	0.23697388	2.5862414	20	5 7.4	21.4
368814 2006 AZ_{65}	16.5	X	67.78732	275.65231	165.00648	15.33124	0.1288496	0.20644339	2.8353199	20	2 4.0	20.1
368815 2006 AF_{79}	16.5	X	82.66662	152.00137	278.48216	3.24427	0.0453520	0.21129118	2.7917839	20	2 1.5	20.1
368816 2006 AP_{92}	16.3	X	177.92807	323.15769	312.42973	8.43576	0.0707477	0.19801412	2.9152241	20	—	—
368817 2006 AP_{104}	16.8	X	92.08132	132.83628	306.53428	4.00671	0.1372674	0.21591405	2.7517910	20	3 8.2	20.5
368818 2006 BK_{12}	16.3	X	158.36763	142.91463	267.79437	7.42480	0.4195628	0.22857834	2.6491873	20	4 25.3	21.6
368819 2006 BG_{19}	17.1	X	144.25367	233.66641	139.10747	4.25289	0.2086180	0.21734747	2.7396788	20	2 22.8	21.3
368820 2006 BH_{44}	16.2	X	95.36024	65.06858	323.21073	6.55790	0.1597217	0.20306321	2.8666976	20	1 15.7	19.9
368821 2006 BW_{52}	15.8	X	141.09447	229.38023	132.29482	18.11318	0.1714862	0.21029592	2.8005854	20	2 3.7	20.0
368822 2006 BS_{94}	16.0	X	135.60174	89.33678	153.38122	25.85026	0.2717159	0.17495280	3.1660817	20	11 21.7	22.1
368823 2006 BD_{108}	17.1	X	173.27559	154.84194	63.51645	2.10143	0.1179190	0.18415732	3.0596851	20	11 20.7	21.8
368824 2006 BS_{147}	15.7	X	179.24281	252.97601	316.26037	14.48437	0.1864686	0.18041052	3.1019025	20	11 6.8	21.2
368825 2006 BD_{211}	16.4	X	125.77619	249.63763	139.41208	9.88189	0.2280119	0.21064370	2.7975019	20	2 28.4	20.7
368826 2006 BC_{236}	15.9	X	109.50909	215.04080	106.87635	10.58336	0.0144458	0.19333644	2.9620581	20	—	—
368827 2006 CD_{11}	18.1	X	156.66363	301.06174	139.18508	6.56679	0.1252772	0.29904981	2.2146598	20	5 22.1	21.3
368828 2006 CT_{17}	16.0	X	141.54909	251.52667	335.25339	12.45004	0.2526868	0.17511464	3.1641307	20	10 27.9	21.8
368829 2006 CT_{22}	16.7	X	67.89161	84.10059	341.74009	12.37157	0.0507935	0.20289346	2.8682963	20	1 12.6	20.6
368830 2006 CC_{36}	15.4	X	204.25996	250.62202	329.22480	17.08062	0.1455057	0.18887127	3.0085607	20	12 22.1	20.3
368831 2006 CD_{53}	16.4	X	172.63809	83.43872	139.53426	13.07802	0.1584549	0.18366022	3.0652035	20	11 26.8	21.6
368832 2006 CH_{65}	16.4	X	62.39987	281.58221	131.65784	2.81281	0.1043601	0.20047406	2.8913273	20	—	—
368833 2006 DB_{13}	16.0	X	311.80975	240.24428	249.38536	7.55455	0.1763580	0.19556965	2.9394658	20	—	—
368834 2006 DQ_{21}	16.2	X	148.43788	9.46989	321.66187	14.65449	0.1405875	0.20247988	2.8722008	20	1 6.0	20.7
368835 2006 DM_{30}	16.9	X	223.70958	186.67088	334.63375	2.76983	0.1082806	0.17992176	3.1075175	20	11 3.3	21.5
368836 2006 DC_{61}	16.0	X	108.14942	143.47234	185.17045	11.43738	0.0595685	0.18602267	3.0391966	20	—	—
368837 2006 DZ_{71}	16.7	X	212.89083	147.72321	17.70661	3.86956	0.2207165	0.17824488	3.1269769	20	10 17.9	21.9
368838 2006 DQ_{90}	16.3	X	334.30288	282.56602	173.55470	12.06237	0.0663375	0.18824668	3.0152119	20	—	—
368839 2006 DP_{111}	16.5	X	61.56866	86.40140	341.58753	11.59541	0.0368482	0.20388789	2.8589623	20	1 4.5	20.4
368840 2006 DP_{134}	16.2	X	105.41228	352.16723	359.25303	11.81360	0.0633605	0.19507915	2.9443910	20	—	—
368841 2006 DZ_{151}	16.4	X	342.37381	266.40173	188.60045	8.49485	0.0224098	0.18824193	3.0152625	20	—	—
368842 2006 DJ_{200}	15.7	X	189.97855	26.15599	157.10218	17.85726	0.1910321	0.17520880	3.1629969	20	10 25.5	21.1
368843 2006 EB_{8}	16.6	X	233.49697	32.75055	164.70101	11.61446	0.0122684	0.18800400	3.0178060	20	—	—
368844 2006 EP_{12}	16.9	X	71.53655	252.99788	142.52787	0.98040	0.0079240	0.19485148	2.9466841	20	—	—
368845 2006 EM_{16}	16.0	X	303.23258	103.40697	10.96971	6.98973	0.1369089	0.18698158	3.0287970	20	12 21.5	19.6
368846 2006 EM_{19}	15.7	X	104.54588	161.40080	180.68430	10.24159	0.1060707	0.18747895	3.0234378	20	—	—
368847 2006 EW_{55}	16.7	X	261.05482	179.74448	316.57390	3.19719	0.1225839	0.18399815	3.0614493	20	11 16.2	21.0
368848 2006 EF_{60}	16.5	X	249.87552	165.85026	337.81971	3.82115	0.1289083	0.18141722	3.0904167	20	11 9.3	20.8
368849 2006 EQ_{63}	16.2	X	239.12243	303.83924	208.96256	9.35829	0.1008998	0.17972926	3.1097361	20	11 13.2	20.6
368850 2006 FN_{18}	16.5	X	119.65767	161.62491	165.73411	3.03381	0.0065213	0.18584717	3.0411097	20	—	—
368851 2006 FN_{21}	16.9	X	127.89694	280.81090	58.01607	0.95770	0.0531055	0.19462983	2.9489208	20	—	—
368852 2006 GG_{19}	17.3	X	198.78519	194.65227	45.16677	7.00418	0.0644962	0.25351618	2.4724770	20	—	—
368853 2006 HU_{75}	16.2	X	300.56513	301.19923	166.02591	11.65504	0.0607959	0.17504326	3.1649908	20	12 11.5	20.6
368854 2006 HP_{94}	18.5	X	120.50330	126.47448	85.54371	2.04990	0.1009761	0.30423962	2.1894021	20	10 10.1	21.3
368855 2006 HG_{102}	17.8	X	44.41296	33.66040	210.32315	7.08003	0.2494784	0.29034873	2.2586872	20	9 6.3	20.5
368856 2006 HG_{119}	17.6	X	22.03235	179.32848	174.82390	5.69785	0.2588356	0.30560707	2.1828662	20	—	—
368857 2006 HH_{134}	16.1	X	108.37256	94.98855	187.62723	11.15444	0.0977896	0.17600876	3.1534058	20	12 3.1	21.1
368858 2006 JB_{2}	17.5	X	94.70522	199.87374	43.46870	5.27572	0.1141431	0.30205810	2.1999310	20	10 23.6	20.4
368859 2006 JX_{39}	16.2	X	106.38186	214.38737	127.34701	2.44449	0.1735675	0.17664641	3.1458126	20	—	—
368860 2006 JO_{49}	18.4	X	46.58192	8.65222	294.58669	1.61471	0.1811820	0.29988325	2.2105546	20	11 24.2	21.3
368861 2006 OL_{4}	17.3	X	273.59486	190.74639	195.23711	0.65702	0.1929986	0.27114379	2.3641205	20	7 10.3	19.9
368862 2006 OL_{13}	17.3	X	357.29480	185.87903	129.71146	7.08277	0.2100005	0.28293449	2.2979758	20	9 27.8	19.0
368863 2006 PC_{23}	17.3	X	309.17124	37.99226	337.04218	6.65856	0.1784587	0.28400225	2.2922124	20	9 2.9	18.9
368864 2006 PT_{31}	17.6	X	20.54930	337.31669	293.55062	2.82470	0.1971239	0.28328636	2.2960726	20	8 28.2	19.7
368865 2006 PG_{34}	17.6	X	323.11606	61.53900	290.07965	1.71156	0.1948885	0.28209971	2.3025070	20	8 25.4	19.1
368866 2006 QL_{25}	17.1	X	342.88930	276.26301	343.56262	11.63461	0.3168463	0.27339140	2.3511454	20	4 6.4	18.8
368867 2006 QU_{48}	17.2	X	309.97213	203.12201	137.91191	8.22878	0.1880708	0.27684196	2.3315681	20	7 6.0	19.3
368868 2006 QD_{82}	17.1	X	274.22290	176.86210	190.17002	5.51632	0.2419576	0.27055491	2.3675497	20	6 6.6	20.3
368869 2006 QZ_{104}	17.8	X	350.86018	335.67292	335.85508	5.35803	0.1998032	0.28193573	2.3033997	20	8 29.5	18.9
368870 2006 QC_{105}	17.9	X	292.89841	66.47551	318.69144	8.76394	0.1497023	0.28073433	2.3099666	20	8 19.0	19.9
368871 2006 QB_{112}	17.8	X	321.14500	109.86461	264.48694	4.06764	0.2578408	0.28287319	2.2983078	20	9 25.9	18.9
368872 2006 QE_{128}	17.6	X	309.30404	99.11393	271.76658	6.34799	0.1010508	0.28259220	2.2998311	20	8 31.7	19.9
368873 2006 QN_{131}	17.8	X	332.49568	82.48042	263.67535	5.32738	0.2050476	0.28276713	2.2988825	20	9 7.2	19.4
368874 2006 QG_{161}	17.9	X	9.16165	96.78768	168.04677	5.50134	0.2192701	0.27755253	2.3275870	20	7 24.8	19.5
368875 2006 QA_{185}	17.7	X	333.20448	299.80932	346.03041	5.26506	0.2267155	0.27260222	2.3556809	20	5 17.9	19.6
368876 2006 RZ_{8}	17.8	X	31.50730	315.51820	7.64203	5.62158	0.2253263	0.28999318	2.2605330	20	12 6.2	20.8
368877 2006 RL_{15}	17.5	X	253.39778	106.15627	301.78408	1.48023	0.1836633	0.27379170	2.3488531	20	7 16.1	20.6
368878 2006 RS_{18}	17.6	X	302.93551	102.46031	271.95127	6.30019	0.2364797	0.27761120	2.3272590	20	8 5.1	19.5
368879 2006 RU_{86}	18.0	X	344.96210	110.15673	184.98612	3.37018	0.2146736	0.27508991	2.3414575	20	7 10.8	19.3
368880 2006 RC_{88}	18.0	X	175.51037	52.85871	20.16932	1.14450	0.1659470	0.26084177	2.4259655	20	5 30.9	21.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368881 2006 SL	17.1	X	328.88295	41.72670	298.86270	6.99711	0.2052472	0.27871515	2.3211097	20	8 17.9	18.7
368882 2006 SU_{20}	17.5	X	303.39477	177.75314	156.15022	6.27857	0.2561856	0.27404439	2.3474090	20	5 31.1	19.9
368883 2006 SO_{32}	17.9	X	331.70827	281.88489	2.01152	1.78814	0.1966977	0.27031294	2.3689623	20	5 17.5	19.8
368884 2006 SL_{55}	16.8	X	233.28717	236.70659	172.00460	12.55358	0.2393488	0.26694235	2.3888620	20	6 18.7	20.9
368885 2006 SM_{55}	16.9	X	321.40698	116.93542	170.13981	12.65637	0.2562050	0.26939956	2.3743139	20	4 24.0	19.3
368886 2006 SY_{56}	16.8	X	334.79196	229.50650	103.08128	7.47870	0.1629783	0.27778185	2.3263058	20	8 26.2	18.6
368887 2006 SL_{71}	17.9	X	251.87018	240.26807	178.47379	3.38379	0.2019582	0.27174167	2.3606515	20	7 25.7	21.1
368888 2006 SH_{90}	17.6	X	336.28028	55.58332	206.01676	6.46763	0.1067583	0.26194728	2.4191351	20	5 4.8	20.0
368889 2006 SF_{91}	18.0	X	250.75920	199.84490	214.08451	1.96618	0.1624990	0.27114281	2.3641262	20	7 23.5	21.0
368890 2006 SY_{98}	17.5	X	225.71578	32.61187	12.99860	2.51947	0.1590636	0.26527786	2.3988442	20	6 13.5	21.0
368891 2006 SS_{107}	17.2	X	293.15290	4.19135	337.34312	6.11048	0.1556585	0.27116442	2.3640006	20	6 10.7	19.9
368892 2006 SU_{117}	18.0	X	255.48892	231.28568	192.84294	1.18073	0.1639639	0.27402350	2.3475283	20	8 13.6	20.8
368893 2006 SY_{132}	17.0	X	304.24856	53.42218	242.33703	8.52126	0.2994370	0.26838673	2.3802835	20	3 25.3	20.2
368894 2006 SY_{165}	17.2	X	256.79994	76.87760	336.91595	6.43608	0.0855282	0.27591339	2.3367963	20	8 15.1	20.0
368895 2006 SN_{193}	17.4	X	337.39399	157.24818	126.10260	6.24580	0.2183176	0.27350444	2.3504975	20	5 29.8	19.2
368896 2006 SN_{211}	17.7	X	327.57191	192.36899	123.60870	5.67360	0.2837581	0.27494416	2.3422849	20	6 19.0	19.1
368897 2006 SX_{218}	17.4	X	335.09627	20.05619	284.48211	2.58394	0.2413036	0.27453596	2.3446061	20	6 27.0	18.7
368898 2006 SS_{253}	17.8	X	334.69843	287.94684	25.82747	2.44648	0.1926800	0.27561961	2.3384566	20	7 19.1	19.4
368899 2006 SJ_{257}	18.2	X	320.96080	101.81174	224.54702	1.67877	0.2110346	0.27385067	2.3485159	20	7 2.2	19.8
368900 2006 SL_{257}	15.0	X	304.72276	121.68762	220.60374	3.72583	0.1528450	0.12649353	3.9302832	20	6 26.1	20.2
368901 2006 SS_{327}	15.5	X	292.24123	287.16744	59.45569	3.97964	0.2685394	0.12593531	3.9418887	20	5 28.6	20.9
368902 2006 SU_{342}	17.7	X	224.87353	187.50685	233.22461	5.76330	0.0857991	0.26800763	2.3825276	20	7 10.0	20.9
368903 2006 SW_{356}	17.3	X	202.02505	353.75261	87.03555	3.45752	0.1808597	0.26440679	2.4041099	20	7 4.9	21.0
368904 2006 TT_{1}	17.8	X	280.31103	274.78549	114.80855	2.21549	0.2023523	0.27432469	2.3458097	20	7 24.9	20.3
368905 2006 TY_{21}	17.7	X	304.82300	209.26937	133.66962	1.35246	0.2331959	0.27155734	2.3617197	20	6 20.1	19.6
368906 2006 TE_{26}	17.3	X	213.38642	215.80425	207.05247	4.85046	0.1763317	0.26405763	2.4062287	20	6 22.4	21.0
368907 2006 TM_{36}	17.8	X	299.96638	120.81788	230.04393	1.19815	0.2278359	0.27158979	2.3615316	20	6 24.3	20.0
368908 2006 TB_{37}	17.6	X	319.10083	273.05348	27.83344	1.75685	0.1695430	0.26549003	2.3975660	20	5 23.2	19.7
368909 2006 TA_{65}	17.7	X	235.60302	153.04322	250.61407	4.37675	0.0786619	0.27039893	2.3684601	20	7 1.5	20.7
368910 2006 TG_{68}	17.1	X	351.85210	71.40636	265.03850	5.36353	0.1559862	0.28089941	2.3090615	20	10 4.8	19.2
368911 2006 TL_{79}	16.7	X	198.26834	162.23094	251.50196	6.32144	0.0924098	0.25974213	2.4328077	20	5 29.9	20.3
368912 2006 TR_{86}	17.7	X	328.66989	57.27162	253.48516	4.68839	0.2015664	0.26999084	2.3708461	20	6 25.2	19.4
368913 2006 TG_{104}	18.0	X	257.86202	326.56711	45.41575	3.40045	0.2107299	0.26594211	2.3948481	20	5 28.3	21.5
368914 2006 UA_{34}	15.2	X	339.02887	151.97767	146.98034	1.43669	0.1912178	0.12511095	3.9591854	20	6 23.5	19.7
368915 2006 UV_{47}	17.5	X	355.31566	26.85053	278.79372	6.03646	0.1352744	0.27850222	2.3222926	20	8 20.2	19.5
368916 2006 UL_{66}	17.8	X	312.46944	60.76232	266.52394	0.47594	0.1962865	0.27126877	2.3633943	20	6 17.1	19.9
368917 2006 UX_{77}	17.3	X	262.27856	112.79306	285.29979	1.79508	0.1777334	0.27069036	2.3667598	20	7 14.4	20.2
368918 2006 UN_{87}	17.8	X	243.97193	346.17820	25.09780	1.09176	0.1845335	0.26152758	2.4217225	20	5 15.5	21.4
368919 2006 UU_{110}	17.8	X	349.46540	30.88322	255.40424	3.78287	0.1572614	0.27446695	2.3449991	20	7 7.7	19.6
368920 2006 UT_{142}	17.6	X	292.62372	309.72736	344.56047	4.26066	0.0753790	0.25602680	2.4562869	20	4 15.2	20.7
368921 2006 UM_{188}	17.7	X	232.27551	119.36332	307.03155	8.97365	0.2586875	0.26841779	2.3800999	20	7 9.6	21.6
368922 2006 UC_{194}	17.8	X	277.40708	298.05806	35.96271	1.94540	0.1863593	0.26452205	2.4034115	20	5 3.4	20.8
368923 2006 UU_{265}	17.0	X	23.33605	304.38535	5.47350	6.58005	0.2033841	0.28163842	2.3050204	20	10 31.3	19.5
368924 2006 UE_{286}	15.8	X	289.24626	157.68589	196.38016	2.46444	0.2473638	0.12402155	3.9823365	20	6 6.3	21.3
368925 2006 UU_{323}	17.4	X	59.80575	354.38345	185.71330	6.55962	0.0832830	0.26147240	2.4220633	20	5 30.4	20.3
368926 2006 UF_{329}	18.2	X	237.84729	237.64039	152.88394	2.27255	0.2032038	0.26203518	2.4185941	20	6 2.4	21.8
368927 2006 VK_{8}	17.5	X	239.45116	299.00972	76.56937	3.58993	0.1816381	0.26059477	2.4274982	20	5 17.5	21.2
368928 2006 VG_{36}	17.6	X	209.54978	259.08392	170.08512	4.93993	0.2050195	0.26316249	2.4116821	20	6 25.2	21.5
368929 2006 VC_{42}	17.4	X	206.59473	299.73091	139.88639	2.59138	0.1831359	0.26276870	2.4140909	20	7 7.4	21.2
368930 2006 VS_{43}	17.3	X	285.52975	228.56067	153.98368	5.76438	0.2896838	0.27256490	2.3558959	20	7 6.0	20.0
368931 2006 VS_{46}	17.7	X	315.68193	27.18460	300.37880	1.44943	0.1861941	0.26926709	2.3750925	20	6 26.1	19.7
368932 2006 VN_{53}	17.2	X	302.92735	19.99105	270.74836	6.45669	0.1145312	0.25671009	2.4519264	20	4 17.6	20.3
368933 2006 VU_{69}	17.1	X	274.35309	268.35238	76.87869	4.94536	0.1711644	0.26131866	2.4230131	20	5 18.1	20.3
368934 2006 VY_{99}	17.6	X	180.68302	2.34856	62.82170	2.64054	0.1734027	0.25641196	2.4538266	20	5 25.7	21.5
368935 2006 VM_{123}	18.3	X	306.72861	60.67497	292.71732	2.91388	0.2862943	0.27218681	2.3580771	20	6 30.7	19.9
368936 2006 VZ_{138}	17.4	X	233.06308	283.91504	105.22916	7.13407	0.1945361	0.26170025	2.4206572	20	5 28.5	21.2
368937 2006 VA_{154}	18.1	X	256.86595	223.59457	178.99645	0.92166	0.1791132	0.26941465	2.3742252	20	7 13.2	21.1
368938 2006 WF_{4}	17.0	X	303.74068	93.88505	250.79584	6.26153	0.2016705	0.26831178	2.3807268	20	6 26.2	19.3
368939 2006 WS_{107}	17.0	X	208.65236	327.62750	100.42605	11.85539	0.2174604	0.26208050	2.4183152	20	6 22.6	20.9
368940 2006 WW_{107}	17.0	X	333.96134	330.78075	30.60603	6.45693	0.2302451	0.27718708	2.3296324	20	10 14.2	18.2
368941 2006 WA_{116}	17.5	X	214.56683	162.12994	260.83951	4.28332	0.2235539	0.26157647	2.4214208	20	6 20.7	21.2
368942 2006 WR_{133}	17.6	X	146.69188	79.11635	6.81089	6.29268	0.1314144	0.25497583	2.4630319	20	5 16.2	21.3
368943 2006 WH_{149}	17.1	X	114.03917	84.65246	57.12912	2.97217	0.1367087	0.25284643	2.4768412	20	6 26.2	20.6
368944 2006 WV_{166}	17.5	X	275.01675	218.39951	84.12116	2.95586	0.1799346	0.25333169	2.4736773	20	3 22.9	20.9
368945 2006 WP_{197}	17.9	X	211.84343	43.63830	309.59892	15.62745	0.0840114	0.38439838	1.8733331	20	3 7.5	20.3
368946 2006 XM_{8}	17.2	X	277.11172	296.51737	139.96845	4.58318	0.1398861	0.27568658	2.3380778	20	10 12.3	19.5
368947 2006 XD_{60}	17.3	X	207.58132	358.62839	58.86232	3.32234	0.1614508	0.25533498	2.4607217	20	6 10.4	21.0
368948 2006 XC_{72}	17.2	X	335.72586	214.74854	312.65240	6.43588	0.1941293	0.22396687	2.6854281	20	—	—
368949 2006 YN	19.5	X	201.11939	307.84600	106.27354	15.27627	0.2248540	0.54885169	1.4774044	20	5 31.9	21.0
368950 2006 YL_{3}	17.7	X	265.69303	55.01666	309.82882	0.69628	0.2060747	0.26202039	2.4186851	20	5 28.5	21.1
368951 2006 YM_{41}	17.6	X	228.49245	40.42252	13.98732	1.00014	0.1889031	0.26180366	2.4200198	20	6 25.6	21.2
368952 2007 AZ	17.4	X	82.71869	275.82875	218.57781	0.36488	0.1048445	0.24084583	2.5584482	20	5 2.4	20.4
368953 2007 AL_{18}	16.7	X	91.82090	18.33679	83.43145	6.19084	0.1940799	0.23694063	2.5864834	20	4 17.5	20.1
368954 2007 AF_{19}	16.5	X	30.34774	186.45685	341.23609	12.84320	0.1037489	0.23611490	2.5925101	20	3 22.6	19.4
368955 2007 AH_{25}	16.9	X	109.82611	203.41806	260.99881	4.40053	0.1480806	0.24123135	2.5557216	20	5 2.5	20.4
368956 2007 BC_{1}	16.1	X	339.45937	223.13577	314.61877	5.17106	0.1714632	0.22313778	2.6920760	20	1 9.3	19.3
368957 2007 BR_{3}	17.0	X	120.85513	11.09827	112.40711	4.17480	0.0932745	0.24655113	2.5188254	20	6 4.9	20.5
368958 2007 BV_{3}	17.0	X	127.60454	146.00320	288.59266	7.70871	0.0586173	0.24034054	2.5620329	20	3 30.6	20.7
368959 2007 BY_{4}	16.7	X	215.91054	79.94767	342.29066	12.06036	0.1906913	0.25864284	2.4396962	20	6 23.9	20.8
368960 2007 BE_{29}	17.1	X	243.01308	64.72642	175.31077	3.21085	0.1278588	0.21649436	2.7468714	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
368961 2007 BA_{43}	16.9	X	1.42411	210.86446	302.86661	3.82271	0.0974699	0.22646248	2.6656628	20	1 20.4	20.1
368962 2007 BZ_{43}	16.4	X	71.75207	331.91501	141.08637	14.85987	0.2052535	0.23329669	2.6133465	20	4 9.0	19.7
368963 2007 BG_{44}	17.9	X	356.35656	10.44570	140.63623	23.42244	0.0565316	0.37080752	1.9188323	20	—	—
368964 2007 BY_{68}	16.4	X	221.77874	301.46671	314.60584	4.87841	0.1790351	0.21159326	2.7891262	20	—	—
368965 2007 BB_{73}	17.0	X	139.24152	132.88536	303.32624	21.66896	0.0959585	0.38476255	1.8721509	20	3 31.8	19.8
368966 2007 BW_{100}	16.3	X	196.63674	1.91197	312.36407	13.32675	0.1019873	0.22501222	2.6771044	20	1 26.1	20.3
368967 2007 BX_{101}	16.1	X	25.77288	249.72866	263.13794	11.65865	0.1115432	0.23008969	2.6375737	20	2 21.2	19.3
368968 2007 CO	16.5	X	111.83173	177.53358	265.88668	10.21300	0.1048855	0.23827270	2.5768345	20	3 28.2	20.3
368969 2007 CB_5	16.0	X	231.53475	334.07670	319.11374	10.55897	0.0754029	0.22570399	2.6716315	20	2 5.1	19.9
368970 2007 CX_7	17.2	X	118.53782	332.57542	94.11304	4.20973	0.0846078	0.23633051	2.5909330	20	3 19.6	20.7
368971 2007 CW_{21}	17.3	X	138.07269	336.56214	101.47086	5.87780	0.2261786	0.24286415	2.5442538	20	5 8.4	21.5
368972 2007 CL_{29}	17.1	X	47.39241	354.68738	136.61878	4.37440	0.0884674	0.23211570	2.6222034	20	3 4.7	20.0
368973 2007 CA_{46}	16.6	X	270.57461	50.69651	157.67141	11.36598	0.1621183	0.21437631	2.7649345	20	—	—
368974 2007 CF_{60}	16.6	X	19.30977	331.96781	165.23278	14.21730	0.2010377	0.22459676	2.6804049	20	1 21.5	19.4
368975 2007 CC_{62}	16.4	X	41.71407	210.34360	281.43796	13.66536	0.0524870	0.22955697	2.6416527	20	2 16.3	19.9
368976 2007 DT_{20}	16.2	X	17.82083	188.81640	343.70000	10.19925	0.1280169	0.22876248	2.6477655	20	3 11.4	19.1
368977 2007 EL_7	16.5	X	252.81002	76.57303	169.60354	14.77125	0.0424358	0.21668820	2.7452330	20	1 4.5	20.7
368978 2007 EZ_{34}	16.4	X	84.75599	284.88205	163.10432	22.11658	0.0701150	0.22814564	2.6525359	20	2 28.1	19.8
368979 2007 EQ_{52}	16.3	X	279.85402	248.24979	332.68124	8.69436	0.1250974	0.21443180	2.7644575	20	—	—
368980 2007 EY_{64}	16.8	X	11.43602	84.18078	21.19467	6.16342	0.0264841	0.21164951	2.7886320	20	—	—
368981 2007 EK_{83}	17.2	X	39.78595	355.13732	133.10383	5.87888	0.0551391	0.22349881	2.6891761	20	2 16.5	20.5
368982 2007 EV_{87}	17.6	X	297.42998	306.93615	300.58272	18.80658	0.0517851	0.37576220	1.9019276	20	2 2.4	19.4
368983 2007 EA_{89}	17.4	X	127.07263	80.33102	347.95821	8.39613	0.1654964	0.23558030	2.5964307	20	4 5.7	21.3
368984 2007 EX_{127}	16.9	X	166.06890	22.90490	347.33826	4.93130	0.0839799	0.22559015	2.6725302	20	3 1.6	20.9
368985 2007 ER_{135}	16.8	X	207.92379	116.51729	177.50739	5.31041	0.0524069	0.21535262	2.7565716	20	1 12.5	20.8
368986 2007 EB_{147}	17.0	X	247.56342	117.37239	145.07684	5.67394	0.0258528	0.21765308	2.7371137	20	1 19.9	20.9
368987 2007 EN_{153}	16.1	X	21.08526	168.09212	129.67248	6.77970	0.1529756	0.17527203	3.1622362	20	9 15.0	20.0
368988 2007 EB_{159}	17.5	X	115.70249	101.45740	326.50745	11.72331	0.1689042	0.23405928	2.6076671	20	3 22.1	21.3
368989 2007 EC_{169}	17.2	X	172.53963	137.51841	95.64677	2.26217	0.1338608	0.19079881	2.9882639	20	12 7.7	21.8
368990 2007 EA_{170}	16.3	X	44.87137	325.37155	169.50341	13.10826	0.1001830	0.22732695	2.6589006	20	3 5.8	19.3
368991 2007 EY_{173}	16.9	X	315.39513	204.99112	328.58585	2.64467	0.0297766	0.21204599	2.7851548	20	—	—
368992 2007 EE_{223}	15.5	X	205.62396	40.53784	165.88727	14.81429	0.1189718	0.19332786	2.9621457	20	12 11.5	20.2
368993 2007 FR_2	17.1	X	58.92044	302.33284	153.61414	22.77690	0.1031234	0.37001139	1.9215838	20	1 2.2	19.0
368994 2007 FC_7	17.1	X	166.61349	192.35971	184.39910	2.66444	0.1965679	0.22662824	2.6643628	20	3 15.8	21.4
368995 2007 FN_{15}	17.1	X	127.33693	176.83232	293.89083	4.82352	0.1663829	0.24204711	2.5499761	20	6 1.7	20.9
368996 2007 FR_{15}	16.1	X	239.74017	275.90689	329.48798	12.15728	0.1717587	0.21022549	2.8012109	20	—	—
368997 2007 FG_{26}	16.3	X	133.52973	21.82264	350.97272	7.09453	0.0926060	0.21969177	2.7201542	20	1 31.9	20.3
368998 2007 GB_5	16.9	X	186.28417	193.46457	142.38129	6.06483	0.0508903	0.21875022	2.7279540	20	2 8.8	20.9
368999 2007 GF_{42}	17.0	X	141.63806	46.60710	242.89278	1.29346	0.1582770	0.19150242	2.9809397	20	—	—
369000 2007 GT_{75}	15.6	X	104.91303	59.64865	223.11276	16.93521	0.1918905	0.18038015	3.1022507	20	12 5.8	20.8
369001 2007 HP_{16}	16.9	X	54.99172	282.42759	174.53118	12.20251	0.1234067	0.22272859	2.6953721	20	1 31.9	20.2
369002 2007 HC_{66}	16.5	X	116.30858	112.15318	200.84612	10.19583	0.0885921	0.18937262	3.0032485	20	—	—
369003 2007 HP_{79}	16.6	X	135.75301	38.59620	217.09814	3.37639	0.2620936	0.18304458	3.0720725	20	12 1.6	22.0
369004 2007 HG_{80}	16.4	X	158.01237	184.38087	91.25210	4.71310	0.0825712	0.19177204	2.9781451	20	—	—
369005 2007 JE_{12}	15.5	X	71.91556	132.78657	187.61209	14.95575	0.1954565	0.17805558	3.1291928	20	12 19.5	20.6
369006 2007 JD_{20}	16.4	X	180.68722	54.90122	179.87901	8.71432	0.0395563	0.18791634	3.0187445	20	12 23.0	20.9
369007 2007 JU_{28}	16.7	X	186.54871	300.93118	64.48460	5.73568	0.1273657	0.21618023	2.7495317	20	3 21.4	21.1
369008 2007 LO_3	16.1	X	60.59289	153.19865	210.37046	8.73192	0.3269413	0.18188731	3.0850896	20	—	—
369009 2007 LF_{10}	16.9	X	164.23631	94.17066	141.28208	11.91982	0.1406728	0.18482749	3.0522845	20	12 3.7	22.0
369010 2007 OK_2	15.3	X	69.31355	91.34643	286.00970	20.47852	0.3157023	0.17659666	3.1464033	20	—	—
369011 2007 PD_6	15.1	X	50.06864	273.68984	139.48415	13.65077	0.3104410	0.17486807	3.1671044	20	—	—
369012 2007 PG_{29}	15.4	X	98.81750	13.68827	295.26163	11.86349	0.1816409	0.17157722	3.2074726	20	12 28.8	20.6
369013 2007 RT_{68}	15.9	X	96.44964	204.72723	158.06797	10.28108	0.1108443	0.17800440	3.1297926	20	—	—
369014 2007 RP_{286}	16.0	X	115.45412	318.96218	332.27135	15.55522	0.1051068	0.17311538	3.1884451	20	12 19.3	21.2
369015 2007 TY_{51}	18.6	X	8.99997	152.38258	218.47889	3.01965	0.1218955	0.31120568	2.1566072	20	12 31.9	20.9
369016 2007 TA_{148}	18.1	X	14.97022	298.57811	65.22366	5.07174	0.1758219	0.31266522	2.1498905	20	—	—
369017 2007 TC_{181}	15.2	X	17.36503	27.33537	46.73163	15.82374	0.0684922	0.17000759	3.2271848	20	—	—
369018 2007 TS_{181}	15.5	X	355.60869	230.67453	136.20864	8.92879	0.1275989	0.15332335	3.4572478	20	10 26.9	19.9
369019 2007 TE_{198}	17.6	X	73.21812	153.19753	314.46335	2.04593	0.1282210	0.26462210	2.4028057	20	3 12.4	20.0
369020 2007 TG_{359}	18.1	X	289.60662	90.11492	343.89295	4.69321	0.0721094	0.30869912	2.1682655	20	11 12.8	20.2
369021 2007 TO_{362}	15.2	X	282.34742	277.16719	71.93618	3.94292	0.0906412	0.12622114	3.9359355	20	6 13.7	20.6
369022 2007 TO_{397}	17.0	X	292.12569	244.85427	85.08952	8.46782	0.1678615	0.28904857	2.2654553	20	5 22.3	19.4
369023 2007 TF_{404}	17.7	X	91.00098	40.88758	237.93212	4.45032	0.1123216	0.30888884	2.1673775	20	12 6.1	20.7
369024 2007 VY_{211}	17.6	X	39.83902	44.31778	207.27542	6.89148	0.1059636	0.28796152	2.2711531	20	8 15.5	20.2
369025 2007 VE_{267}	18.3	X	24.96692	87.12793	276.45592	3.16192	0.1714876	0.31130149	2.1561646	20	—	—
369026 2007 VB_{314}	17.7	X	282.02160	2.57942	57.96934	5.56086	0.1489571	0.29681477	2.2257637	20	10 1.1	19.6
369027 2007 XC_4	17.5	X	181.32280	236.80548	243.26223	5.37031	0.1783431	0.28600003	2.2815255	20	8 5.1	21.2
369028 2007 XN_{31}	17.5	X	222.94040	152.65397	292.02425	6.37915	0.0741985	0.28140574	2.3062909	20	8 12.3	20.4
369029 2007 XC_{58}	17.6	X	350.29090	331.53154	45.02471	5.40306	0.1896695	0.30156803	2.2023137	20	12 18.7	19.5
369030 2007 YN_{65}	17.5	X	0.25138	145.59245	86.99443	5.62866	0.0343198	0.26122896	2.4235678	20	5 8.0	20.4
369031 2007 YK_{66}	17.6	X	76.90587	52.82815	104.19932	3.47325	0.1227671	0.26210695	2.4181525	20	5 29.0	20.5
369032 2008 AW_{18}	17.1	X	335.25801	175.66520	81.62236	2.42531	0.1530733	0.25806282	2.4433504	20	4 21.0	19.3
369033 2008 AO_{53}	18.0	X	305.97679	273.03506	105.40727	1.47247	0.1551740	0.28855253	2.2680509	20	9 6.6	19.8
369034 2008 AH_{102}	17.4	X	278.06125	130.99734	306.01727	6.22530	0.0740816	0.29252181	2.2474871	20	10 22.3	19.9
369035 2008 AR_{107}	17.9	X	3.61061	59.68747	163.42949	1.49948	0.1392513	0.25965115	2.4333760	20	4 26.4	20.0
369036 2008 AC_{109}	17.4	X	89.42942	241.63845	294.05292	4.91923	0.0428501	0.26935939	2.3745499	20	6 29.7	20.4
369037 2008 AA_{115}	17.4	X	352.30828	323.20883	320.76005	5.97026	0.1058675	0.26886121	2.3774823	20	7 10.7	19.6
369038 2008 BE_7	17.8	X	315.53175	94.31509	284.08863	5.60120	0.1252872	0.28709454	2.2757232	20	9 24.6	19.9
369039 2008 BK_{15}	17.3	X	172.64386	172.49646	301.94232	11.85432	0.1109327	0.27350859	2.3504737	20	7 22.9	20.6
369040 2008 BE_{22}	17.0	X	112.68959	61.37520	115.31700	7.00774	0.0124437	0.27555953	2.3387965	20	7 30.4	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369041 2008 BV_{22}	17.6	X	201.67421	137.52449	332.80945	6.96996	0.0435291	0.27690110	2.3312361	20	8 25.6	20.6
369042 2008 CS_{17}	17.9	X	273.98378	101.74695	327.02347	5.92713	0.1833445	0.28690074	2.2767479	20	9 15.6	20.2
369043 2008 CF_{20}	17.4	X	92.38243	127.98717	9.50921	3.57439	0.2432813	0.25962225	2.4335566	20	6 8.6	20.9
369044 2008 CV_{27}	17.8	X	304.73459	49.21421	347.53806	5.48238	0.1367235	0.28850291	2.2683109	20	10 3.7	19.7
369045 2008 CB_{29}	16.5	X	326.28607	213.41131	111.66464	3.21696	0.0983820	0.19442373	2.9510045	20	7 17.9	20.1
369046 2008 CM_{32}	17.4	X	305.58167	172.24307	131.58423	6.68292	0.1417721	0.26132312	2.4229856	20	5 11.5	20.2
369047 2008 CQ_{86}	17.2	X	286.42314	305.58776	9.68309	6.67878	0.1220019	0.25783866	2.4447664	20	4 27.9	20.4
369048 2008 CJ_{91}	17.2	X	302.61146	93.82400	148.93653	8.83122	0.2185085	0.24242255	2.5473427	20	1 31.7	20.9
369049 2008 CT_{121}	16.9	X	56.41327	253.47668	272.44392	8.73848	0.1953753	0.25765662	2.4459178	20	5 20.3	19.6
369050 2008 CQ_{150}	17.3	X	229.92421	131.25810	304.85231	3.96977	0.0991763	0.27609429	2.3357755	20	8 6.8	20.4
369051 2008 CQ_{183}	16.7	X	43.96154	124.08032	97.33714	7.24835	0.0784403	0.26369802	2.4084158	20	7 3.6	19.3
369052 2008 CU_{184}	16.0	X	274.07950	299.66378	260.49687	14.93862	0.2642617	0.22431440	2.6826537	20	—	—
369053 2008 CT_{194}	16.7	X	153.97793	3.82902	183.75186	13.03393	0.0538024	0.27521488	2.3407486	20	10 11.2	19.7
369054 2008 CB_{197}	17.4	X	299.95653	195.07485	156.45537	7.43576	0.1297569	0.27319560	2.3522686	20	7 12.3	19.9
369055 2008 CG_{204}	17.4	X	359.46964	214.00772	327.08588	1.79063	0.0855992	0.24280126	2.5446932	20	2 21.2	20.0
369056 2008 CG_{210}	17.1	X	306.01356	331.53768	330.46269	14.51103	0.2701402	0.25920579	2.4361625	20	4 6.7	20.4
369057 2008 DK_{5}	21.3	X	143.75226	80.95478	345.67740	4.26919	0.6151849	0.50854701	1.5544687	20	5 11.6	24.2
369058 2008 DP_{38}	17.4	X	334.46864	197.33129	336.37706	5.61200	0.2575837	0.23518540	2.5993363	20	—	—
369059 2008 DC_{68}	17.5	X	324.98081	325.60679	229.68379	5.54767	0.2071402	0.23590196	2.5940699	20	1 1.8	21.0
369060 2008 DW_{70}	16.7	X	291.83286	302.81468	292.07414	12.38310	0.2127472	0.23637866	2.5905812	20	1 12.7	20.3
369061 2008 ER_{25}	17.9	X	245.12641	128.43920	320.09552	5.84247	0.0680259	0.28447680	2.2896625	20	9 18.3	20.5
369062 2008 ER_{29}	16.5	X	37.66393	312.81242	184.97080	14.72516	0.0699248	0.23927110	2.5696613	20	2 20.9	19.8
369063 2008 EX_{32}	17.0	X	247.07930	137.96671	155.13409	18.14962	0.2387246	0.23733093	2.5836469	20	2 7.9	21.5
369064 2008 EY_{36}	18.1	X	267.03015	198.43129	239.09710	0.80427	0.1254187	0.28925321	2.2643867	20	9 29.1	20.2
369065 2008 EO_{48}	17.1	X	281.79117	116.03346	165.20115	2.69010	0.0326957	0.24283812	2.5444357	20	3 23.4	20.2
369066 2008 EA_{70}	16.8	X	251.31376	245.09436	338.93548	5.65349	0.2602872	0.22187869	2.7022508	20	—	—
369067 2008 EW_{87}	16.0	X	229.52440	52.80273	174.72636	15.85893	0.2443508	0.21767988	2.7368890	20	—	—
369068 2008 EL_{123}	17.0	X	139.92638	298.39808	183.98401	8.35061	0.0363224	0.25779245	2.4450585	20	6 21.2	20.4
369069 2008 ET_{160}	17.4	X	211.96103	16.35136	11.06137	4.04126	0.1056133	0.25529372	2.4609869	20	5 8.5	21.1
369070 2008 EB_{161}	17.9	X	269.97994	125.01244	145.02192	1.44532	0.1825532	0.23647145	2.5899035	20	2 5.7	21.8
369071 2008 FU_{3}	17.4	X	267.85955	105.12211	157.39461	3.79305	0.2013316	0.23645776	2.5900034	20	1 23.5	21.4
369072 2008 FN_{27}	16.7	X	245.46436	3.53318	218.35976	10.75316	0.1842096	0.21900011	2.7258785	20	—	—
369073 2008 FO_{54}	16.2	X	181.82196	196.66436	195.70901	13.25662	0.1784576	0.24638701	2.5199437	20	4 16.3	20.3
369074 2008 FT_{57}	17.4	X	286.76786	92.98996	159.98139	8.92330	0.1288189	0.23889261	2.5723748	20	2 7.4	21.1
369075 2008 FP_{63}	16.8	X	177.01882	240.01614	175.35027	14.36201	0.1042939	0.25240428	2.4797329	20	5 11.8	20.7
369076 2008 FT_{72}	17.2	X	247.05190	217.50072	156.87867	7.01330	0.1655629	0.25692203	2.4505778	20	5 26.9	20.9
369077 2008 FP_{81}	16.6	X	242.47837	181.15038	180.66563	12.18392	0.1385041	0.25470010	2.4648092	20	5 8.9	20.3
369078 2008 FX_{96}	16.4	X	94.14050	283.21258	192.60145	14.68866	0.0689911	0.24332058	2.5410711	20	4 18.3	19.7
369079 2008 FD_{100}	16.8	X	206.21043	124.96877	180.64244	12.77613	0.2698699	0.22354905	2.6887731	20	1 23.1	21.8
369080 2008 FT_{100}	16.5	X	202.26944	280.40606	52.81113	13.53158	0.2546331	0.23004750	2.6378962	20	2 29.1	21.4
369081 2008 FE_{105}	17.4	X	284.30524	251.90721	351.83775	9.01476	0.1648850	0.23870122	2.5737496	20	1 23.3	21.2
369082 2008 FW_{111}	16.6	X	244.24420	111.74691	169.55590	8.66821	0.1638478	0.22781240	2.6551220	20	1 27.4	20.9
369083 2008 FZ_{115}	17.4	X	256.31652	115.99620	167.58544	6.08038	0.2326492	0.23375834	2.6099046	20	2 4.9	21.7
369084 2008 FJ_{136}	16.4	X	224.52114	7.55069	357.45017	6.40561	0.1400566	0.25175152	2.4840175	20	4 19.7	20.3
369085 2008 GU_{21}	16.6	X	222.52363	88.41730	205.56504	12.73500	0.2283699	0.22495127	2.6775880	20	1 20.7	21.5
369086 2008 GJ_{32}	17.3	X	228.31027	202.43907	151.16015	6.50910	0.0920632	0.24545883	2.5262923	20	4 16.9	21.0
369087 2008 GF_{44}	16.9	X	216.34685	132.86936	215.13661	12.53182	0.0787023	0.23978570	2.5659835	20	3 23.5	20.7
369088 Marcus	17.7	X	310.21188	352.75306	213.07910	3.19386	0.1130546	0.23093539	2.6311305	20	1 11.1	21.3
369089 2008 GE_{65}	16.6	X	280.41045	162.89358	199.69341	10.14323	0.2789263	0.25876400	2.4389346	20	6 2.8	19.9
369090 2008 GA_{70}	16.6	X	271.21133	165.25993	141.73489	8.13232	0.2311042	0.23697524	2.5862316	20	3 20.5	20.6
369091 2008 GN_{88}	17.4	X	337.27967	121.90075	73.25463	3.16874	0.0339012	0.23660703	2.5889140	20	2 14.9	20.6
369092 2008 GM_{91}	16.7	X	222.25136	120.79052	196.87825	12.67368	0.2824747	0.23065368	2.6332725	20	2 14.9	21.6
369093 2008 GM_{101}	17.3	X	349.19105	85.65197	83.78437	4.34530	0.0745148	0.23274069	2.6175069	20	1 24.4	20.4
369094 2008 GA_{118}	17.2	X	237.91616	14.41879	215.80376	12.75194	0.2528565	0.21970412	2.7200523	20	—	—
369095 2008 GT_{122}	16.0	X	233.05380	34.68116	44.18065	10.89732	0.0835009	0.18735066	3.0248179	20	8 13.9	20.6
369096 2008 GO_{123}	16.7	X	208.26129	95.06729	205.39873	12.10921	0.2712706	0.22455604	2.6807289	20	1 17.9	21.8
369097 2008 GC_{124}	17.4	X	179.78520	341.71845	138.48668	7.22690	0.1545691	0.27346519	2.3507224	20	8 5.7	21.0
369098 2008 GW_{131}	17.1	X	167.20573	194.49648	197.52128	12.88248	0.1754234	0.23880656	2.5729927	20	4 1.9	21.1
369099 2008 GU_{136}	17.0	X	297.38941	5.14387	214.76442	3.66306	0.1262868	0.23103031	2.6304098	20	1 11.2	20.8
369100 2008 GP_{144}	16.5	X	282.93606	33.08718	171.44148	13.07704	0.1329828	0.22567513	2.6718593	20	—	—
369101 2008 HA_{1}	17.2	X	279.08038	23.49704	198.53009	12.51388	0.2263277	0.22840166	2.6505533	20	—	—
369102 2008 HW_{2}	17.5	X	281.82732	186.53629	59.46549	2.72817	0.1730128	0.23195135	2.6234419	20	1 21.6	21.5
369103 2008 HS_{34}	17.0	X	238.44157	154.43645	119.64977	13.81350	0.1494229	0.22359841	2.6883774	20	1 16.2	21.2
369104 2008 HN_{35}	16.9	X	203.80466	203.70814	107.46922	8.71620	0.2002713	0.22416261	2.6838646	20	1 30.2	21.5
369105 2008 HP_{54}	16.7	X	97.78093	223.36986	216.90497	11.04508	0.0457024	0.23293325	2.6160642	20	2 27.7	20.4
369106 2008 HA_{63}	17.0	X	312.69278	21.30036	201.73224	10.46814	0.0734290	0.23582902	2.5946048	20	2 7.8	20.6
369107 2008 JH_{5}	16.6	X	200.02223	137.09824	145.36553	11.86239	0.2177496	0.21666276	2.7454478	20	—	—
369108 2008 JT_{24}	16.6	X	308.69560	355.06432	252.36936	14.21381	0.0732691	0.24235704	2.5478017	20	2 29.3	20.3
369109 2008 JF_{40}	16.3	X	3.59423	303.87136	220.31334	13.67705	0.0351174	0.23077707	2.6323337	20	2 5.0	20.0
369110 2008 KV_{25}	17.3	X	192.94857	159.42711	173.30435	8.00764	0.0387606	0.22924653	2.6440371	20	2 9.5	21.2
369111 2008 KP_{38}	17.2	X	174.72007	262.08792	70.27402	6.39196	0.0523654	0.22452009	2.6810150	20	1 23.2	21.0
369112 2008 NS_{3}	15.7	X	99.22357	80.28718	266.26326	12.95274	0.2699156	0.18999920	2.9966421	20	—	—
369113 2008 OC_{4}	15.5	X	81.11427	93.32236	321.12351	16.52349	0.1577197	0.20192174	2.8774911	20	1 29.9	19.1
369114 2008 OZ_{20}	16.9	X	128.73844	22.30351	295.50113	2.10073	0.0879169	0.19359574	2.9594126	20	—	—
369115 2008 OA_{24}	16.7	X	73.19461	175.56825	228.85137	1.25449	0.0763937	0.19828279	2.9125901	20	—	—
369116 2008 PB_{17}	16.0	X	106.82245	71.34423	290.63100	7.84047	0.0356898	0.19957408	2.9000131	20	—	—
369117 2008 QJ_{6}	16.0	X	44.48684	115.54169	251.81020	9.14181	0.0728144	0.18377624	3.0639133	20	12 30.4	20.3
369118 2008 QO_{10}	16.9	X	109.17323	324.86878	341.33246	3.54563	0.2388002	0.18709282	3.0275963	20	—	—
369119 2008 QC_{11}	15.3	X	63.61233	348.46203	353.59249	23.71462	0.1430117	0.18046155	3.1013178	20	—	—
369120 2008 QV_{33}	16.2	X	76.49386	24.10085	355.54428	9.12782	0.1376461	0.19040718	2.9923599	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369121 2008 QS_{36}	16.3	X	12.85683	248.96137	172.47968	9.82993	0.0845196	0.18703111	3.0282622	20	—	—
369122 2008 QM_{39}	16.6	X	60.09276	201.02384	187.13491	7.87382	0.1954276	0.18695087	3.0291287	20	—	—
369123 2008 QH_{44}	15.6	X	149.02731	86.99304	173.37572	17.67052	0.1029150	0.18374279	3.0642852	20	12 17.6	20.7
369124 2008 RA_{4}	16.2	X	150.51942	298.17546	348.36650	9.85916	0.0812117	0.18860974	3.0113412	20	—	—
369125 2008 RY_{4}	16.2	X	80.27809	169.64475	179.92760	9.40557	0.0845431	0.18553682	3.0444999	20	—	—
369126 2008 RP_{6}	15.4	X	282.83127	217.73421	267.24069	11.19861	0.0350806	0.18621256	3.0371302	20	12 13.6	19.5
369127 2008 RX_{6}	16.0	X	4.03424	182.65756	298.28823	15.69759	0.1777800	0.20231701	2.8737420	20	—	—
369128 2008 RW_{11}	16.2	X	40.90811	215.42441	163.59659	11.04020	0.1096181	0.18196561	3.0842045	20	—	—
369129 2008 RS_{15}	16.1	X	264.54002	291.42629	203.49675	9.07448	0.0750672	0.17636241	3.1491887	20	11 25.8	20.5
369130 2008 RP_{28}	16.6	X	75.56469	154.60403	226.56220	2.06731	0.1093647	0.19115153	2.9845867	20	—	—
369131 2008 RS_{29}	16.3	X	81.39344	342.45076	346.25171	2.61225	0.1351023	0.18224443	3.0810580	20	—	—
369132 2008 RB_{34}	16.6	X	74.16467	164.75299	183.52773	11.24357	0.1694897	0.18420196	3.0591907	20	—	—
369133 2008 RB_{49}	16.1	X	116.72244	327.41624	303.77968	10.31054	0.0372464	0.17951126	3.1122531	20	11 22.0	20.8
369134 2008 RG_{79}	16.9	X	83.54219	28.50385	321.07304	8.82137	0.2442086	0.18860392	3.0114032	20	—	—
369135 2008 RU_{83}	17.3	X	85.62206	173.32242	183.29565	6.94355	0.1878543	0.19047127	2.9916887	20	—	—
369136 2008 RC_{86}	16.2	X	160.34174	277.31125	319.46366	9.88256	0.0761609	0.17692485	3.1425111	20	11 28.1	21.1
369137 2008 RE_{88}	15.9	X	57.72326	128.64949	256.42749	5.28110	0.0741467	0.18574115	3.0422668	20	—	—
369138 2008 RJ_{92}	16.5	X	71.23285	219.44336	182.43998	9.10424	0.1262330	0.19238415	2.9718247	20	—	—
369139 2008 RB_{110}	16.6	X	15.04377	197.90351	200.94052	3.15799	0.0798950	0.18052958	3.1005386	20	12 31.7	20.7
369140 2008 RG_{119}	16.3	X	59.54998	116.14246	212.19065	8.78428	0.0766755	0.17450772	3.1714628	20	12 1.3	20.8
369141 2008 RL_{131}	15.2	X	161.40127	248.56770	348.29673	18.29980	0.2254306	0.18075402	3.0979714	20	11 23.1	20.9
369142 2008 RN_{135}	16.5	X	95.88759	12.52392	347.39954	9.75370	0.1179452	0.19134360	2.9825891	20	—	—
369143 2008 RA_{136}	16.0	X	46.11420	185.02557	185.44934	16.92725	0.1333978	0.18254243	3.0777039	20	—	—
369144 2008 RY_{136}	16.6	X	85.02169	59.12897	323.20676	4.92907	0.2096033	0.19096663	2.9865129	20	1 3.4	20.3
369145 2008 RH_{137}	16.0	X	132.70538	33.74789	275.82325	9.06662	0.1398458	0.19132131	2.9828207	20	—	—
369146 2008 RK_{139}	15.9	X	60.98942	95.28350	256.98543	9.40610	0.1158011	0.18080107	3.0974339	20	—	—
369147 2008 RA_{142}	16.1	X	82.08261	68.22811	322.37505	11.16474	0.0731280	0.19483041	2.9468965	20	—	—
369148 2008 RU_{142}	16.5	X	116.70028	98.64325	175.39751	16.34891	0.2312714	0.18223494	3.0811650	20	12 8.8	22.0
369149 2008 SX_{32}	16.0	X	54.75703	141.60749	234.34341	7.35270	0.0566677	0.18270941	3.0758284	20	—	—
369150 2008 SF_{42}	16.0	X	68.00566	133.94109	203.31051	14.70816	0.0635855	0.17629654	3.1499732	20	12 19.1	20.8
369151 2008 SK_{44}	15.9	X	347.61544	56.80649	33.14025	3.04249	0.0582179	0.18058791	3.0998708	20	—	—
369152 2008 SJ_{52}	16.2	X	69.65770	131.03491	193.36350	9.87846	0.0722389	0.17549050	3.1596112	20	12 7.9	20.9
369153 2008 SM_{52}	16.2	X	38.71194	193.38968	192.99070	5.77622	0.1485477	0.18087366	3.0966051	20	—	—
369154 2008 SQ_{60}	16.7	X	53.00151	162.98472	223.11706	5.93932	0.2652599	0.18441759	3.0568057	20	—	—
369155 2008 SB_{62}	15.9	X	36.69965	130.83095	297.76538	3.01893	0.0932447	0.19499997	2.9451880	20	—	—
369156 2008 SU_{63}	16.3	X	77.89405	37.44644	348.57235	9.19635	0.1174266	0.19303379	2.9651534	20	—	—
369157 2008 SF_{64}	15.7	X	359.82270	160.36171	277.76318	3.84826	0.1306661	0.18012543	3.1051746	20	—	—
369158 2008 SB_{78}	15.8	X	354.25685	221.88905	190.20642	11.76583	0.0725529	0.17732721	3.1377557	20	12 18.3	20.1
369159 2008 SC_{86}	16.2	X	87.81749	64.67311	259.95181	7.11518	0.0433937	0.17944120	3.1130632	20	12 25.2	20.8
369160 2008 SM_{93}	15.8	X	280.82682	235.88523	255.00588	3.82306	0.1676675	0.17207084	3.2013355	20	11 28.6	19.7
369161 2008 SH_{96}	16.1	X	105.51300	45.61349	220.46623	6.77063	0.0528863	0.16855538	3.2456945	20	11 4.8	20.9
369162 2008 SV_{97}	16.4	X	73.51284	132.19143	206.18725	10.18793	0.1638237	0.17909103	3.1171198	20	—	—
369163 2008 SW_{99}	16.3	X	127.44461	232.47834	162.45379	6.42198	0.0780062	0.20061203	2.8900015	20	2 19.3	20.5
369164 2008 SV_{109}	16.3	X	154.13105	228.19387	143.08516	2.71893	0.0896354	0.20455445	2.8527481	20	2 21.5	20.3
369165 2008 SW_{109}	16.3	X	72.79593	211.54248	158.86500	4.17276	0.0994193	0.18527979	3.0473150	20	—	—
369166 2008 ST_{110}	16.6	X	328.82377	333.39446	92.41560	2.79032	0.1748207	0.17067072	3.2188201	20	11 27.6	20.0
369167 2008 SU_{110}	16.0	X	139.96995	281.76542	31.15122	10.30511	0.1061965	0.18927932	3.0042353	20	—	—
369168 2008 SC_{115}	16.3	X	25.93169	210.33132	168.62765	9.56060	0.0991021	0.17550471	3.1594406	20	12 23.4	20.7
369169 2008 SW_{128}	16.0	X	11.64513	200.42061	221.50074	11.86801	0.1746040	0.17749785	3.1357443	20	—	—
369170 2008 SH_{132}	16.3	X	79.46265	151.49968	213.92297	6.80618	0.1926195	0.18434397	3.0576194	20	—	—
369171 2008 SD_{140}	16.8	X	39.44470	345.19192	6.89532	4.20289	0.1148457	0.17398595	3.1778003	20	12 9.5	21.2
369172 2008 SY_{140}	16.2	X	106.03488	49.84820	264.90122	9.68931	0.1085734	0.18340894	3.0680026	20	—	—
369173 2008 SC_{146}	15.9	X	216.73336	302.60366	245.25548	7.09955	0.0316547	0.17790522	3.1309557	20	12 7.0	20.2
369174 2008 SG_{149}	16.4	X	111.04569	82.99327	225.48981	9.04908	0.1347054	0.18379828	3.0636684	20	—	—
369175 2008 SS_{163}	16.0	X	83.28891	253.53041	66.80291	2.13619	0.2745222	0.18127984	3.0919779	20	—	—
369176 2008 SP_{170}	16.3	X	159.27428	71.52081	203.19803	8.42680	0.0167606	0.18691370	3.0295302	20	—	—
369177 2008 SE_{171}	16.0	X	49.59357	157.62585	201.04402	10.23670	0.0557782	0.18061477	3.0995635	20	12 23.2	20.5
369178 2008 SN_{173}	15.1	X	359.02117	102.61089	342.31588	21.59744	0.2433394	0.18135273	3.0911493	20	—	—
369179 2008 SB_{176}	16.5	X	37.61415	127.64660	291.15479	2.15937	0.1252274	0.18553530	3.0445166	20	—	—
369180 2008 SG_{196}	16.4	X	43.91563	164.91110	205.34175	8.91654	0.0751248	0.17475139	3.1685139	20	12 30.9	21.0
369181 2008 SO_{205}	16.4	X	72.89034	204.39913	158.07088	5.67011	0.2505170	0.18267583	3.0762054	20	—	—
369182 2008 SK_{208}	16.4	X	155.24784	289.86866	340.95064	9.54854	0.0328803	0.17927492	3.1149878	20	—	—
369183 2008 SH_{218}	15.8	X	7.84855	101.46690	333.07272	9.05167	0.2251969	0.17624155	3.1506284	20	—	—
369184 2008 SO_{234}	16.6	X	339.30967	303.83510	174.28145	12.11689	0.1257350	0.18617577	3.0375303	20	—	—
369185 2008 SP_{235}	15.8	X	69.74909	133.23692	215.14973	9.04466	0.1235215	0.18209746	3.0827156	20	—	—
369186 2008 SD_{259}	16.1	X	20.27199	197.86307	209.94223	6.33282	0.1023027	0.18070092	3.0985783	20	—	—
369187 2008 SX_{268}	16.1	X	333.51248	154.91844	291.23012	7.64819	0.2650768	0.17377877	3.1803254	20	—	—
369188 2008 SQ_{283}	15.3	X	350.98396	119.37070	262.22564	16.56717	0.1084870	0.16808241	3.2517804	20	11 3.0	19.6
369189 2008 SP_{285}	15.6	X	310.35924	189.16007	273.15184	4.06030	0.1319269	0.17333082	3.1858025	20	12 13.8	19.4
369190 2008 TH_{11}	16.3	X	164.02582	77.11940	193.74695	4.55275	0.1538909	0.18891526	3.0080937	20	—	—
369191 2008 TY_{16}	16.0	X	348.33942	181.02585	233.73950	4.53845	0.1753466	0.17033201	3.2230859	20	12 18.9	19.6
369192 2008 TO_{32}	16.6	X	300.00319	300.00770	189.90738	7.95941	0.0279424	0.17903700	3.1177469	20	—	—
369193 2008 TS_{53}	16.4	X	92.70814	121.77189	187.49025	11.38178	0.1868473	0.17894324	3.1188359	20	12 24.6	21.6
369194 2008 TV_{60}	15.8	X	148.55402	37.50512	222.62754	5.17754	0.0598819	0.17521522	3.1629196	20	12 14.9	20.6
369195 2008 TE_{62}	16.6	X	98.79099	357.18404	338.10709	1.19999	0.2133702	0.18491532	3.0513178	20	—	—
369196 2008 TU_{64}	16.2	X	38.78192	169.80942	217.98580	14.37184	0.0708126	0.18172854	3.0868862	20	—	—
369197 2008 TD_{65}	16.2	X	40.12938	173.36496	228.99292	8.05024	0.1575662	0.18339556	3.0681518	20	—	—
369198 2008 TD_{94}	16.1	X	66.06715	70.10125	314.61229	6.47006	0.2524858	0.18368107	3.0649716	20	—	—
369199 2008 TN_{105}	16.4	X	76.40979	346.50574	13.11610	2.32855	0.0657155	0.18147674	3.0897409	20	—	—
369200 2008 TU_{105}	16.7	X	342.60599	194.49234	211.19165	8.13439	0.0370279	0.17019418	3.2248257	20	11 21.7	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369201 2008 TF_{116}	15.6	X	43.02451	133.40004	246.41357	7.98609	0.1153657	0.17844837	3.1245992	20	—	—
369202 2008 TA_{135}	16.5	X	112.18074	305.08083	333.82236	2.69515	0.2515679	0.17579682	3.1559398	20	12 9.2	21.9
369203 2008 TT_{152}	16.4	X	127.94390	154.63278	143.81839	4.50027	0.2246543	0.18688500	3.0298404	20	—	—
369204 2008 TU_{153}	16.4	X	54.46293	84.53078	277.97245	8.16374	0.0614084	0.17778034	3.1324218	20	—	—
369205 2008 TJ_{160}	16.6	X	82.29030	84.31743	217.73079	5.39554	0.0793661	0.17439606	3.1728164	20	11 26.0	21.3
369206 2008 TY_{165}	15.3	X	300.18116	178.19826	299.58322	8.26963	0.1311673	0.17411403	3.1762416	20	12 17.3	19.1
369207 2008 TO_{173}	15.8	X	52.82555	105.79794	253.00024	8.90491	0.1305809	0.18215873	3.0820243	20	—	—
369208 2008 TS_{180}	16.2	X	63.75108	88.00654	309.31760	6.51602	0.1457139	0.18816065	3.0161308	20	—	—
369209 2008 TE_{188}	15.7	X	64.48943	68.12140	300.42658	15.49960	0.2354480	0.18059065	3.0998395	20	—	—
369210 2008 UL_{10}	16.4	X	64.08828	161.46018	207.22736	12.36183	0.2269754	0.18419912	3.0592221	20	—	—
369211 2008 UR_{10}	16.8	X	69.27641	134.96088	226.04054	5.28924	0.1653185	0.18369705	3.0647938	20	—	—
369212 2008 UD_{12}	16.6	X	20.90966	191.40071	202.27633	8.14717	0.1385667	0.17807315	3.1289869	20	—	—
369213 2008 UL_{22}	16.1	X	134.74408	51.15553	206.03527	10.58166	0.0132055	0.17109430	3.2135053	20	11 25.8	20.8
369214 2008 UJ_{39}	15.6	X	300.95972	94.22426	40.29806	5.96114	0.0637069	0.17927557	3.1149804	20	—	—
369215 2008 US_{63}	16.1	X	69.11991	204.09332	160.89230	10.01143	0.0300541	0.18283057	3.0744694	20	—	—
369216 2008 UH_{70}	16.6	X	2.06501	98.46781	330.43748	6.61286	0.1565987	0.17378873	3.1802039	20	—	—
369217 2008 UH_{75}	16.2	X	19.11917	75.88733	324.65662	2.15439	0.1606695	0.17213980	3.2004805	20	—	—
369218 2008 UP_{80}	15.7	X	38.65241	110.11890	271.67662	7.79533	0.0858561	0.17473789	3.1686772	20	—	—
369219 2008 UY_{92}	15.5	X	144.70146	193.82429	111.89560	8.09062	0.2348615	0.18903986	3.0067718	20	—	—
369220 2008 UC_{101}	16.2	X	47.61317	127.68188	217.59316	8.92446	0.0626714	0.17414052	3.1759195	20	12 5.1	20.7
369221 2008 UT_{106}	16.2	X	331.93544	236.91609	218.89414	2.67089	0.1070394	0.17900100	3.1181649	20	—	—
369222 2008 UO_{117}	16.1	X	39.17492	70.82406	300.09679	4.04347	0.1545154	0.17404034	3.1771382	20	—	—
369223 2008 UL_{119}	16.2	X	79.46346	13.10016	316.92030	3.92087	0.1176135	0.17368951	3.1814149	20	12 29.4	20.9
369224 2008 UP_{151}	16.2	X	23.31925	144.66147	233.40674	9.58006	0.1604128	0.17029353	3.2235713	20	12 25.2	20.5
369225 2008 UX_{156}	16.2	X	129.81308	290.61710	62.48271	3.58869	0.1872248	0.19112016	2.9849133	20	1 18.1	20.7
369226 2008 UW_{160}	14.9	X	359.66433	111.05544	266.79494	19.20531	0.0658125	0.16846822	3.2468139	20	11 8.7	19.4
369227 2008 UF_{209}	16.0	X	55.10600	97.44281	231.97957	7.28148	0.2240953	0.17129033	3.2110531	20	12 15.3	20.8
369228 2008 UU_{213}	16.1	X	102.54004	43.58638	264.31320	8.65584	0.2322444	0.18088197	3.0965103	20	—	—
369229 2008 UD_{226}	15.7	X	17.63314	161.73289	260.91632	11.63130	0.1925406	0.17779254	3.1322784	20	—	—
369230 2008 UL_{259}	16.0	X	12.82001	246.72658	170.21922	15.75537	0.3088289	0.17623729	3.1506791	20	—	—
369231 2008 UB_{276}	15.9	X	41.23334	72.47174	219.70899	9.62833	0.0862568	0.15709861	3.4016359	20	9 20.6	20.6
369232 2008 UJ_{278}	16.8	X	85.03910	109.97283	219.94979	5.06061	0.2567229	0.17984528	3.1083985	20	—	—
369233 2008 UK_{309}	16.4	X	26.96348	77.03182	348.72703	7.02904	0.2462722	0.17991085	3.1076432	20	—	—
369234 2008 UD_{322}	16.4	X	49.13162	97.93370	312.57210	4.29934	0.2014935	0.18497136	3.0507016	20	—	—
369235 2008 UB_{354}	16.3	X	29.81526	342.69685	18.27113	0.74670	0.1422231	0.16805170	3.2521766	20	12 10.7	20.6
369236 2008 UR_{362}	15.5	X	104.49252	74.14963	280.30724	10.08273	0.1957176	0.18802663	3.0175639	20	—	—
369237 2008 UV_{369}	15.1	X	48.13278	109.22668	273.63472	24.20824	0.3250910	0.17418177	3.1754181	20	—	—
369238 2008 VN_{1}	15.9	X	36.67577	118.74982	257.96078	8.69171	0.2244866	0.17561456	3.1581230	20	—	—
369239 2008 VO_{16}	16.4	X	1.17482	180.15181	209.76757	5.12649	0.1258631	0.16878990	3.2426873	20	12 3.9	20.5
369240 2008 WK_{12}	15.7	X	40.96493	113.30864	270.83844	8.58882	0.2419944	0.17568567	3.1572707	20	—	—
369241 2008 WU_{24}	15.8	X	45.96684	262.93367	125.19473	3.50765	0.2193620	0.17784927	3.1316123	20	—	—
369242 2008 WH_{69}	15.5	X	45.51907	88.31730	260.27272	14.14135	0.2312210	0.17019070	3.2248696	20	12 27.3	20.1
369243 2008 WJ_{69}	15.9	X	30.23365	139.18453	256.97584	6.63422	0.1811140	0.17283143	3.1919364	20	—	—
369244 2008 WY_{92}	15.7	X	352.85736	240.80802	185.64605	9.86127	0.0824178	0.17344192	3.1844420	20	—	—
369245 2008 WQ_{94}	16.3	X	45.09068	263.72246	127.48509	12.47514	0.3443341	0.18099331	3.0952402	20	—	—
369246 2008 XJ_{51}	15.8	X	14.53013	111.30064	277.91931	11.82807	0.2077899	0.17046705	3.2213834	20	—	—
369247 2008 YM_{46}	17.0	X	107.78871	51.39724	91.86006	7.31924	0.1002587	0.29167284	2.2518462	20	6 17.2	19.8
369248 2009 DA_{4}	17.1	X	143.30927	58.76952	122.94283	6.45948	0.0911588	0.29971560	2.2113789	20	9 25.6	20.2
369249 2009 DC_{4}	17.3	X	30.10539	284.19940	162.06691	24.02825	0.1161037	0.34393239	2.0175331	20	—	—
369250 2009 DK_{30}	18.7	X	84.45680	110.73210	148.83321	1.51940	0.0916992	0.30402073	2.1904529	20	10 31.9	21.4
369251 2009 DF_{137}	17.4	X	91.59894	61.40666	29.46233	20.68738	0.0831718	0.35437414	1.9777043	20	3 11.8	19.6
369252 2009 DB_{142}	17.6	X	79.54230	12.66921	238.21264	2.17173	0.1461881	0.29629953	2.2283431	20	10 17.6	20.7
369253 2009 ED_{31}	18.6	X	166.56043	235.94670	316.36793	2.49223	0.0733915	0.30797259	2.1716742	20	11 4.3	21.4
369254 2009 FB_{22}	17.7	X	51.14868	80.73712	178.38850	8.53135	0.1781697	0.28910721	2.2651489	20	9 28.8	20.2
369255 2009 FP_{50}	18.2	X	65.64434	154.64470	124.05632	5.46941	0.1392769	0.29851974	2.2172807	20	11 10.4	21.2
369256 2009 HH_{42}	17.8	X	71.84043	79.67708	155.14858	4.85643	0.1241445	0.28767945	2.2726374	20	9 13.5	20.6
369257 2009 HY_{96}	17.0	X	28.60747	98.23035	157.26932	22.04971	0.1460029	0.28147856	2.3058931	20	8 9.5	19.4
369258 2009 HV_{100}	17.0	X	198.62533	138.16837	55.35529	6.92853	0.0732707	0.22081281	2.7109398	20	11 26.9	21.0
369259 2009 JF_{7}	16.3	X	202.41232	194.45557	83.56974	17.08069	0.1363217	0.23684549	2.5871760	20	—	—
369260 2009 JW_{17}	17.6	X	26.30576	178.52748	65.85948	5.30030	0.1100464	0.27756104	2.3275394	20	7 14.7	19.9
369261 2009 KB_{2}	17.5	X	14.32903	179.82779	70.33775	6.54439	0.2259823	0.27373065	2.3492023	20	7 14.9	19.1
369262 2009 KO_{5}	17.6	X	22.73437	162.44550	81.05794	6.24285	0.1199593	0.27606825	2.3359224	20	7 7.1	19.8
369263 2009 LE_{4}	17.4	X	322.26070	189.64320	139.96917	7.34919	0.1385804	0.27559756	2.3385813	20	7 20.3	19.3
369264 2009 MS	16.3	X	74.06062	219.51263	252.09161	52.40907	0.5697690	0.34720823	2.0048230	20	5 30.4	19.1
369265 2009 MN_{1}	15.3	X	284.59743	116.20492	250.60420	24.20684	0.2688287	0.25973211	2.4328703	20	6 13.9	18.3
369266 2009 MG_{3}	17.3	X	350.77787	93.87859	185.94964	8.49643	0.1283430	0.27323988	2.3520145	20	6 29.4	19.6
369267 2009 OE_{15}	17.5	X	251.26551	195.69258	136.83597	6.43459	0.1788068	0.24721783	2.5142948	20	4 6.8	21.4
369268 2009 OA_{23}	17.1	X	295.08208	26.98184	322.39042	6.06542	0.2350426	0.26213773	2.4179633	20	6 11.4	19.8
369269 2009 PG_{3}	16.8	X	143.39209	165.05399	177.15524	11.89494	0.1965157	0.22259502	2.6964503	20	1 13.1	21.1
369270 2009 PZ_{15}	17.3	X	220.27973	145.88932	172.12161	18.76691	0.2294620	0.23371461	2.6102302	20	2 16.1	22.0
369271 2009 QU_{5}	17.1	X	216.85394	140.85405	198.10913	10.00974	0.1052767	0.24170241	2.5524000	20	3 12.2	20.9
369272 2009 QA_{7}	17.3	X	168.57100	319.41029	333.35296	8.74870	0.3654307	0.31082897	2.1583493	20	—	—
369273 2009 QO_{7}	17.1	X	230.34405	51.62752	264.07991	6.44341	0.2155056	0.23778681	2.5803436	20	2 20.4	21.7
369274 2009 QD_{10}	17.1	X	196.58785	209.46299	150.86772	19.02069	0.2388679	0.23783790	2.5799741	20	3 23.7	21.7
369275 2009 QX_{13}	16.5	X	38.79717	74.74755	206.90406	4.54795	0.1997802	0.17991742	3.1075676	20	9 25.9	20.5
369276 2009 QY_{13}	16.4	X	290.08279	278.99863	339.06973	10.82906	0.1585714	0.23757990	2.5818415	20	2 16.4	20.0
369277 2009 QG_{14}	17.2	X	276.13686	225.76226	176.31935	8.44880	0.2529587	0.26183322	2.4198376	20	7 24.9	20.2
369278 2009 QK_{36}	16.3	X	220.39073	147.61719	155.75077	14.43813	0.1324641	0.23280827	2.6170004	20	2 1.9	20.4
369279 2009 QN_{38}	16.8	X	163.04210	248.04793	145.04705	5.11102	0.0831573	0.23004071	2.6379481	20	3 27.8	20.6
369280 2009 QJ_{49}	16.7	X	96.88175	57.48582	328.12830	5.49837	0.0384731	0.21681631	2.7441515	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369281 2009 QF_{51}	16.8	X	153.32511	78.19979	349.00745	9.16687	0.0692228	0.24128765	2.5553241	20	4 22.8	20.5
369282 2009 QU_{57}	16.4	X	229.32432	79.24246	272.34732	15.27836	0.2148089	0.24272459	2.5452290	20	3 28.8	21.0
369283 2009 RT_{25}	16.3	X	174.96898	139.94090	188.22580	13.80570	0.1145936	0.21802398	2.7340086	20	1 19.6	20.8
369284 2009 RQ_{26}	17.2	X	213.84520	40.63920	309.84565	2.12832	0.2560052	0.23598023	2.5934963	20	3 20.6	21.9
369285 2009 RA_{28}	16.7	X	127.04355	163.70322	214.38369	6.46566	0.1354709	0.21851108	2.7299440	20	2 1.5	20.7
369286 2009 RL_{29}	16.6	X	149.64847	116.00426	231.77924	5.39404	0.0377236	0.21745058	2.7388127	20	1 10.7	20.5
369287 2009 RV_{34}	17.3	X	187.29033	174.27983	195.54826	4.45940	0.0871962	0.23005555	2.6378347	20	3 22.6	21.1
369288 2009 RR_{43}	16.9	X	35.72861	239.48372	251.61894	4.59605	0.0109520	0.22370332	2.6875369	20	2 10.4	20.6
369289 2009 RT_{46}	17.2	X	54.94242	59.99311	0.95039	4.99143	0.1152576	0.20861073	2.8156475	20	—	—
369290 2009 RY_{55}	17.0	X	210.69451	109.22688	188.62686	9.92091	0.1388981	0.22057719	2.7128700	20	1 18.1	21.5
369291 2009 RB_{61}	16.3	X	192.57696	85.16496	292.39978	12.54751	0.0838643	0.23746098	2.5827035	20	3 30.9	20.5
369292 2009 RC_{61}	16.2	X	250.30805	12.64007	263.03380	12.95130	0.0520670	0.22878891	2.6475616	20	1 31.7	20.3
369293 2009 RN_{71}	17.1	X	91.11589	161.15918	237.23041	4.96063	0.0265146	0.21410094	2.7673048	20	—	—
369294 2009 RA_{76}	17.0	X	254.08447	16.57551	276.44281	2.98250	0.1941095	0.23523555	2.5989669	20	2 16.7	21.2
369295 2009 SH_{18}	17.4	X	178.52160	294.13846	345.72255	8.42416	0.3614101	0.30908130	2.1664777	20	—	—
369296 2009 SU_{19}	17.9	X	141.07938	342.50467	172.72394	14.52786	0.8993785	0.32838140	2.0807362	20	8 25.8	23.5
369297 2009 SW_{20}	17.2	X	231.26269	160.89489	146.19729	5.49324	0.2473301	0.23231680	2.6206899	20	2 12.9	21.6
369298 2009 SZ_{25}	17.6	X	191.71956	123.38537	213.59327	1.23650	0.1360222	0.22750655	2.6575011	20	2 16.9	21.8
369299 2009 SR_{26}	17.0	X	201.13912	145.56594	197.97961	3.73213	0.1028594	0.23112747	2.6296725	20	3 3.7	20.9
369300 2009 SU_{34}	17.1	X	99.78782	203.30157	227.96457	4.30460	0.1020171	0.22124208	2.7074320	20	3 1.6	20.9
369301 2009 SK_{37}	16.9	X	188.53999	82.15722	216.95342	5.93128	0.0475040	0.21374072	2.7704131	20	—	—
369302 2009 SY_{38}	17.3	X	144.01495	140.08373	214.25507	4.68537	0.0941718	0.21615887	2.7497128	20	1 18.8	21.4
369303 2009 SE_{39}	17.6	X	191.85690	142.56347	210.34666	4.34665	0.1598662	0.22917986	2.6445498	20	3 6.4	21.9
369304 2009 SM_{45}	16.7	X	176.97398	26.38561	348.14972	6.35354	0.1633895	0.22926832	2.6438695	20	3 20.0	21.0
369305 2009 SO_{45}	16.8	X	228.25334	252.72575	340.02270	5.29129	0.0046598	0.20476485	2.8507936	20	—	—
369306 2009 SS_{45}	17.3	X	118.83402	97.48940	280.88396	3.54277	0.0858978	0.21452260	2.7636774	20	1 19.2	21.1
369307 2009 SL_{46}	16.8	X	118.69211	144.70947	230.62350	5.71569	0.1025926	0.21372354	2.7705616	20	1 16.7	20.7
369308 2009 SQ_{48}	17.5	X	150.94838	163.38248	238.29563	4.20719	0.0616388	0.22734776	2.6587384	20	3 19.9	21.4
369309 2009 SZ_{60}	16.6	X	157.43237	101.80020	238.54550	5.70752	0.0242745	0.21553614	2.7550067	20	1 9.6	20.5
369310 2009 SB_{67}	17.1	X	171.65518	88.41017	231.26993	6.65552	0.2221125	0.21332346	2.7740246	20	1 14.5	21.8
369311 2009 SS_{75}	17.3	X	149.44557	192.30563	148.55153	5.81258	0.0795102	0.21358624	2.7717488	20	1 7.9	21.3
369312 2009 SA_{81}	17.6	X	240.83934	154.97293	183.29718	2.65382	0.1116969	0.24318130	2.5420413	20	4 7.3	21.3
369313 2009 SV_{92}	17.4	X	232.50333	192.52722	131.29272	2.52606	0.1879435	0.23665693	2.5885500	20	3 7.7	21.6
369314 2009 SL_{101}	16.8	X	158.62917	91.11908	291.36566	8.14406	0.2074555	0.22613736	2.6682172	20	3 12.6	21.3
369315 2009 SR_{102}	16.9	X	175.60750	251.64849	148.52105	5.52590	0.1341211	0.23447122	2.6046119	20	4 21.2	21.0
369316 2009 SU_{103}	17.5	X	353.64218	61.23457	72.37449	3.33260	0.0172216	0.21777023	2.7361320	20	—	—
369317 2009 ST_{113}	16.9	X	221.71568	293.98928	330.69734	6.69891	0.1965059	0.22048077	2.7136608	20	—	—
369318 2009 SS_{118}	17.1	X	233.49710	79.38197	245.88480	2.63228	0.1553426	0.23567943	2.5957026	20	3 10.2	21.3
369319 2009 ST_{118}	17.1	X	121.71429	159.94951	212.13504	5.41077	0.0516300	0.21566944	2.7538713	20	1 9.2	21.0
369320 2009 SM_{136}	17.1	X	206.36106	146.06797	206.82064	3.88417	0.3142813	0.23463764	2.6033802	20	3 17.4	22.0
369321 2009 SH_{138}	17.2	X	207.26043	284.60304	28.19130	4.01196	0.2584111	0.22662176	2.6644136	20	2 4.1	21.9
369322 2009 SB_{140}	15.7	X	337.64268	240.66765	229.14502	8.84769	0.0577752	0.20205880	2.8761898	20	—	—
369323 2009 SY_{140}	16.8	X	113.82251	95.40662	312.97193	4.34851	0.1179768	0.22129038	2.7070380	20	2 22.5	20.4
369324 2009 SE_{142}	17.4	X	201.02159	97.13970	197.28954	7.77101	0.1167873	0.21907674	2.7252428	20	1 5.9	21.8
369325 2009 SW_{183}	16.8	X	205.26739	40.95379	233.38945	9.18816	0.0156827	0.21038469	2.7997976	20	—	—
369326 2009 SW_{201}	17.6	X	177.17604	205.27033	165.55628	3.70565	0.1678842	0.22905302	2.6455260	20	3 16.9	21.8
369327 2009 SD_{244}	15.8	X	356.88619	174.18858	257.24233	13.24465	0.2725986	0.18264212	3.0765838	20	—	—
369328 2009 SD_{249}	16.0	X	268.73877	292.84068	342.92450	12.50769	0.1850381	0.23146365	2.6271257	20	2 14.2	20.0
369329 2009 SH_{253}	16.7	X	170.68552	350.72665	20.62659	5.52445	0.0402586	0.22709647	2.6606993	20	3 6.7	20.4
369330 2009 SM_{257}	16.6	X	208.22530	44.45302	283.46524	12.11917	0.1921425	0.23264163	2.6182499	20	2 16.2	21.2
369331 2009 SN_{257}	16.9	X	242.62052	12.40409	300.46443	9.05359	0.2006714	0.23795517	2.5791264	20	2 27.6	21.3
369332 2009 SQ_{257}	16.7	X	211.12500	48.45729	312.73399	12.83036	0.1829485	0.23900683	2.5715552	20	3 27.3	21.2
369333 2009 SO_{258}	17.3	X	145.14662	253.66267	92.93879	2.47314	0.1033623	0.21721014	2.7408335	20	1 12.8	21.1
369334 2009 SW_{269}	17.7	X	118.66083	345.41061	35.07294	4.97340	0.1255093	0.21625152	2.7489274	20	1 28.7	21.6
369335 2009 SS_{279}	16.9	X	88.86759	344.86880	63.07444	4.46313	0.1890438	0.21348238	2.7726477	20	2 3.9	20.4
369336 2009 SN_{284}	16.3	X	141.80501	145.01253	258.31076	11.25557	0.1727469	0.22539747	2.6740531	20	3 18.7	20.7
369337 2009 SW_{292}	16.8	X	221.76091	309.55328	354.59152	4.34690	0.1434218	0.22676670	2.6632781	20	2 6.7	21.0
369338 2009 SJ_{319}	17.2	X	178.53844	297.17347	358.66065	4.13897	0.0438651	0.21023990	2.8010828	20	—	—
369339 2009 SD_{321}	16.6	X	163.05660	55.00818	325.81436	9.99632	0.2349359	0.22803731	2.6533759	20	3 16.4	21.2
369340 2009 SY_{322}	17.4	X	180.62919	280.57129	104.87167	1.69915	0.3360568	0.22892616	2.6465033	20	4 9.9	22.5
369341 2009 SC_{326}	17.2	X	81.92337	273.40899	145.22236	7.70199	0.1248093	0.21251867	2.7810235	20	1 27.1	20.7
369342 2009 SX_{331}	16.3	X	170.02057	253.26103	158.85437	11.44391	0.1796564	0.23165204	2.6257012	20	5 3.5	20.8
369343 2009 SN_{332}	16.3	X	205.12910	357.95599	347.54466	13.60008	0.2322326	0.23317161	2.6142810	20	3 9.4	20.9
369344 2009 SU_{333}	17.1	X	163.42504	200.13170	158.19875	14.75608	0.2613923	0.22351285	2.6890635	20	2 23.8	21.7
369345 2009 SQ_{334}	16.1	X	153.84081	17.29617	342.17101	12.76927	0.1776178	0.22020589	2.7159186	20	2 14.7	20.4
369346 2009 SO_{337}	17.0	X	154.95378	132.17337	222.36658	12.90114	0.2148339	0.22039057	2.7144013	20	2 5.9	21.7
369347 2009 SG_{340}	17.4	X	168.37089	239.86038	75.47856	0.78213	0.0627183	0.21480658	2.7612411	20	—	—
369348 2009 SJ_{340}	17.4	X	238.89225	110.54937	193.12161	7.14902	0.1982292	0.23340474	2.6125399	20	2 15.2	21.8
369349 2009 SV_{344}	17.2	X	215.36183	108.03414	185.58364	12.46239	0.2627677	0.22530338	2.6747975	20	1 15.7	22.2
369350 2009 SK_{350}	16.9	X	141.37145	18.78371	16.33885	6.96485	0.1287255	0.22420983	2.6834878	20	3 11.6	21.0
369351 2009 SM_{352}	16.7	X	92.84079	203.84672	205.41113	3.29638	0.0963035	0.21161109	2.7889696	20	1 25.9	20.3
369352 2009 SY_{352}	15.7	X	168.02281	342.83697	210.28331	11.01196	0.1926129	0.17794377	3.1305035	20	10 14.3	21.0
369353 2009 TU_{12}	17.5	X	214.27213	189.15982	161.99136	5.79052	0.2907866	0.23583745	2.5945430	20	3 22.7	22.1
369354 2009 TN_{26}	16.9	X	196.62300	218.45788	166.00709	6.80125	0.2134383	0.23689861	2.5867892	20	4 20.6	21.4
369355 2009 TT_{27}	17.4	X	173.57897	166.88180	181.30007	7.47912	0.2665800	0.22361720	2.6882268	20	2 18.6	22.2
369356 2009 TP_{29}	16.8	X	217.14397	18.37993	235.94251	7.33160	0.1740387	0.21276388	2.7788864	20	—	—
369357 2009 TC_{35}	17.6	X	215.30249	125.35405	210.16479	4.39600	0.3343891	0.23378782	2.6096852	20	3 2.3	22.5
369358 2009 TW_{37}	17.2	X	188.73217	98.17813	286.49312	3.36016	0.1999098	0.23282692	2.6168606	20	4 11.1	21.6
369359 2009 UE_{6}	16.5	X	240.62016	354.79456	336.14167	9.21836	0.0511768	0.24497138	2.5296425	20	3 30.3	20.2
369360 2009 UC_{9}	16.7	X	255.67300	51.09112	180.93210	11.40971	0.1257548	0.21473090	2.7618898	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369361 2009 UR_{11}	17.1	X	203.60137	213.56573	160.61021	5.25881	0.3024187	0.23713145	2.5850956	20	4 11.9	21.8
369362 2009 UW_{20}	17.6	X	196.40483	64.58224	298.72380	3.16745	0.3427560	0.23325462	2.6136608	20	3 22.6	22.5
369363 2009 UC_{27}	16.7	X	158.76045	156.38009	205.89259	8.59811	0.1684576	0.21955331	2.7212977	20	2 16.9	21.2
369364 2009 UW_{32}	17.4	X	179.75764	118.56306	216.77810	3.39900	0.0774924	0.21610711	2.7501519	20	2 1.6	21.4
369365 2009 US_{33}	16.8	X	169.24565	271.15850	48.81741	16.82283	0.3199793	0.21603123	2.7507959	20	1 22.1	22.1
369366 2009 UU_{33}	16.4	X	295.37130	272.43835	225.20401	9.05313	0.0512887	0.19016317	2.9949192	20	—	—
369367 2009 UQ_{39}	17.0	X	133.28981	169.74602	223.82312	9.47131	0.2807596	0.21914361	2.7246884	20	3 11.3	21.7
369368 2009 UU_{53}	18.2	X	182.97415	151.17759	224.14052	4.65311	0.2596240	0.23368904	2.6104206	20	3 27.3	22.9
369369 2009 UD_{57}	16.6	X	163.36513	167.46247	228.11394	6.48658	0.1479628	0.22749826	2.6575656	20	3 31.7	20.9
369370 2009 UP_{94}	17.2	X	157.39827	338.56078	45.13665	6.85651	0.0445155	0.22524314	2.6752744	20	3 8.6	21.0
369371 2009 UW_{107}	17.2	X	152.27272	170.57367	227.73351	2.26640	0.1605144	0.22423727	2.6832688	20	3 26.5	21.4
369372 2009 UT_{109}	16.7	X	143.92111	301.26904	69.27606	4.23288	0.1023059	0.21498258	2.7597338	20	2 11.2	20.7
369373 2009 UK_{116}	16.9	X	143.71815	17.73074	349.68637	6.32659	0.0354402	0.21625019	2.7489387	20	1 30.4	20.8
369374 2009 UP_{117}	16.8	X	187.92915	215.35665	90.76035	4.57570	0.1516913	0.21581003	2.7526752	20	1 10.4	21.3
369375 2009 UH_{132}	16.7	X	164.54551	153.47282	240.71980	11.03880	0.1974057	0.22914198	2.6448412	20	3 31.6	21.3
369376 2009 UB_{137}	16.9	X	182.76156	93.56804	271.60735	11.44781	0.2930697	0.22781186	2.6551261	20	3 11.6	22.1
369377 2009 UE_{139}	16.9	X	87.90758	258.22605	172.65727	7.63164	0.2107249	0.21424231	2.7660873	20	3 4.1	20.4
369378 2009 UM_{140}	16.1	X	150.52742	2.17654	218.69591	10.15817	0.1347097	0.17395113	3.1782243	20	11 1.1	21.2
369379 2009 UF_{143}	17.2	X	170.22800	206.80993	131.92018	1.01989	0.0788881	0.21383372	2.7696098	20	1 28.2	21.3
369380 2009 UD_{146}	17.3	X	142.44163	246.09810	175.40284	7.08915	0.3040405	0.22449581	2.6812083	20	4 26.9	22.0
369381 2009 UX_{149}	15.5	X	173.27073	317.33655	256.68415	15.64805	0.1740672	0.17897228	3.1184985	20	11 11.5	20.8
369382 2009 UX_{151}	17.5	X	172.26152	113.21705	275.15307	10.27608	0.2003633	0.22925870	2.6439435	20	3 29.5	22.2
369383 2009 US_{152}	16.6	X	106.00827	302.44278	79.46937	7.60409	0.1675458	0.21105879	2.7938328	20	1 21.3	20.5
369384 2009 UD_{154}	16.9	X	171.50121	51.09245	284.71124	4.42035	0.0836201	0.21185701	2.7868109	20	1 26.0	21.0
369385 2009 UW_{154}	17.5	X	92.75741	155.91007	250.97776	3.86084	0.1557254	0.21128574	2.7918318	20	1 31.4	21.2
369386 2009 VR_{6}	17.2	X	110.61145	348.53871	5.69817	1.77690	0.1214599	0.20538472	2.8450548	20	—	—
369387 2009 VA_{17}	15.8	X	278.30625	221.96649	258.11076	6.05406	0.1684872	0.17605949	3.1528001	20	11 11.6	19.8
369388 2009 VR_{33}	16.1	X	324.77989	209.65751	269.12615	7.57365	0.0903427	0.19241491	2.9715080	20	—	—
369389 2009 VS_{33}	16.6	X	133.11439	131.89579	262.34238	7.72141	0.1585067	0.21812601	2.7331559	20	2 28.8	20.9
369390 2009 VQ_{62}	16.9	X	75.54076	200.48198	232.07927	3.44595	0.0896086	0.20861347	2.8156229	20	1 31.1	20.6
369391 2009 VB_{64}	17.0	X	223.82054	122.46619	238.35145	1.81241	0.2558351	0.23472928	2.6027026	20	4 9.8	21.6
369392 2009 VJ_{76}	16.9	X	138.76653	278.48789	107.75805	6.10384	0.2095324	0.21826727	2.7319766	20	3 6.9	21.2
369393 2009 VE_{79}	16.5	X	240.70874	27.83160	307.55435	7.23187	0.2067645	0.23617715	2.5920545	20	3 23.6	20.8
369394 2009 VT_{82}	16.0	X	307.29423	236.79078	241.13475	9.82288	0.0968815	0.18294989	3.0731324	20	—	—
369395 2009 VZ_{82}	16.4	X	168.58042	62.29541	259.52519	10.75744	0.1599940	0.21262811	2.7800691	20	1 10.7	21.0
369396 2009 VC_{87}	17.0	X	138.86413	200.68183	185.29444	3.37342	0.2054487	0.21729272	2.7401391	20	3 3.4	21.2
369397 2009 VP_{105}	16.8	X	127.53408	248.39061	147.66430	4.01426	0.2027474	0.21788243	2.7351925	20	3 5.5	20.9
369398 2009 VS_{112}	16.7	X	177.97894	247.51149	165.50402	29.55527	0.3447985	0.23205126	2.6226888	20	5 14.7	22.2
369399 2009 VQ_{115}	16.5	X	157.47360	210.79009	192.25878	14.01054	0.1256411	0.22856634	2.6492800	20	4 4.8	20.5
369400 2009 WS_{7}	16.8	X	141.21352	236.29204	140.98183	4.23244	0.2082409	0.21757165	2.7377966	20	2 25.4	21.1
369401 2009 WL_{9}	16.5	X	213.76708	319.21190	79.92372	8.53439	0.1260512	0.23767900	2.5811239	20	5 26.6	20.4
369402 2009 WQ_{18}	16.8	X	140.15505	202.91063	138.79292	2.83978	0.0777905	0.20693584	2.8308199	20	—	—
369403 2009 WO_{21}	15.6	X	322.96637	188.99996	270.26513	8.54884	0.0486569	0.18550304	3.0448696	20	—	—
369404 2009 WY_{24}	17.3	X	156.46583	55.66862	328.54572	2.47798	0.1724821	0.22390773	2.6859009	20	3 14.3	21.5
369405 2009 WL_{25}	15.2	X	353.42735	135.00789	320.33636	26.75721	0.1463023	0.17851796	3.1237872	20	—	—
369406 2009 WO_{25}	16.6	X	149.56721	79.10326	353.13806	10.42184	0.4459599	0.22651175	2.6652762	20	5 15.3	22.0
369407 2009 WP_{43}	16.0	X	83.73390	273.72256	112.10250	3.06204	0.1126781	0.19703908	2.9248334	20	—	—
369408 2009 WM_{44}	16.2	X	27.26924	201.17069	264.09812	8.29566	0.1267974	0.20565577	2.8425544	20	1 1.4	19.5
369409 2009 WT_{46}	16.1	X	269.89078	39.57666	109.09095	6.78213	0.0733955	0.18120979	3.0927747	20	12 20.1	20.2
369410 2009 WC_{66}	17.1	X	1.14666	338.56549	81.26741	2.71635	0.0595770	0.18960569	3.0007868	20	—	—
369411 2009 WA_{80}	15.8	X	343.26898	339.33632	94.13349	10.41201	0.1233696	0.18328328	3.0694046	20	—	—
369412 2009 WM_{85}	16.5	X	129.71791	321.38513	22.21190	7.10355	0.1490064	0.20443686	2.8538419	20	—	—
369413 2009 WX_{91}	16.5	X	179.73306	20.29544	282.65843	8.18334	0.2509554	0.21082477	2.7959000	20	1 4.5	21.3
369414 2009 WS_{98}	16.9	X	115.48393	109.64337	269.77949	4.05068	0.0731743	0.21012423	2.8021107	20	1 15.2	20.7
369415 2009 WN_{101}	15.8	X	267.41281	260.72878	234.24969	15.69405	0.0401747	0.18309689	3.0714874	20	12 4.7	20.1
369416 2009 WT_{102}	16.6	X	50.05681	240.22944	178.11390	5.73829	0.0958101	0.19939012	2.9017965	20	—	—
369417 2009 WO_{114}	16.8	X	151.41993	280.92294	41.52413	4.38474	0.0997009	0.20951697	2.8075225	20	—	—
369418 2009 WF_{127}	16.6	X	35.33882	185.56299	232.81490	1.19803	0.0798704	0.19352040	2.9601806	20	—	—
369419 2009 WY_{159}	16.6	X	315.60214	61.66656	38.59805	6.35250	0.1439750	0.18425974	3.0585511	20	12 23.2	20.2
369420 2009 WF_{168}	16.9	X	145.40648	127.36003	216.37923	4.52031	0.1457624	0.20956767	2.8070696	20	1 14.2	21.1
369421 2009 WT_{178}	16.5	X	95.23565	357.76789	20.04946	5.66842	0.0874682	0.20142391	2.8822305	20	—	—
369422 2009 WY_{194}	15.6	X	18.06699	319.23456	91.70187	11.33838	0.0874480	0.18828220	3.0148327	20	—	—
369423 Quintegr'al	16.8	X	30.83516	73.59957	334.40795	0.94088	0.0607145	0.19398634	2.9554386	20	—	—
369424 2009 WB_{205}	16.8	X	101.12013	85.71160	315.01090	3.05557	0.1060944	0.20912302	2.8110473	20	1 29.1	20.6
369425 2009 WX_{208}	16.9	X	318.40520	51.13715	26.91255	2.54222	0.0876193	0.17825651	3.1268409	20	11 28.8	20.7
369426 2009 WW_{210}	16.5	X	119.16108	94.09487	233.27801	10.34726	0.1225785	0.19641953	2.9309806	20	—	—
369427 2009 WB_{211}	16.3	X	188.40991	99.42661	236.25602	10.55043	0.0854882	0.21541349	2.7560523	20	2 8.3	20.7
369428 2009 WZ_{239}	15.9	X	204.86620	225.89437	349.17152	4.32733	0.0969787	0.18120940	3.0927790	20	12 19.0	20.5
369429 2009 WN_{253}	16.1	X	93.16154	221.34387	97.31676	10.68795	0.1380648	0.18587474	3.0408089	20	—	—
369430 2009 WT_{256}	15.5	X	303.98348	231.41107	247.99255	16.50421	0.0891506	0.18318269	3.0705283	20	12 28.9	19.5
369431 2009 WU_{262}	16.0	X	75.32027	73.21004	305.42927	10.18801	0.1239471	0.18701901	3.0283929	20	—	—
369432 2009 XG_{1}	15.3	X	271.06873	182.89969	323.94261	11.32236	0.1210667	0.17541793	3.1604826	20	12 11.1	19.6
369433 2009 XU_{11}	16.1	X	123.58576	252.67717	8.50299	0.92015	0.1476785	0.18123085	3.0925351	20	11 24.9	21.1
369434 2009 XB_{21}	16.9	X	84.39732	198.16123	230.54372	0.93105	0.2200432	0.20348640	2.8627216	20	2 28.4	20.6
369435 2009 YS_{12}	15.8	X	326.23925	182.84961	295.73843	11.43762	0.1327012	0.18318411	3.0705124	20	—	—
369436 2009 YM_{19}	16.2	X	137.93689	333.32758	101.68490	8.58639	0.1101677	0.21879403	2.7275899	20	4 27.4	20.4
369437 2009 YS_{19}	15.7	X	307.54405	179.76282	284.48338	7.72445	0.1113102	0.17436517	3.1731910	20	12 13.3	19.6
369438 2010 AO_{1}	15.3	X	328.67372	143.02277	305.41786	16.15515	0.1312319	0.17439336	3.1728491	20	12 28.8	19.2
369439 2010 AB_{38}	15.1	X	312.76202	92.13041	320.62561	15.59515	0.0694510	0.15854290	3.3809455	20	10 8.8	19.9
369440 2010 AM_{64}	16.1	X	48.14166	54.20257	313.39022	10.76029	0.0790955	0.17622512	3.1508242	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369441 2010 AT_{68}	15.4	X	40.65485	76.62222	319.91748	14.83158	0.0207725	0.18052627	3.1005765	20	—	—
369442 2010 AV_{70}	15.4	X	14.36507	258.66069	120.13090	21.56542	0.1294389	0.17222516	3.1994229	20	12 14.1	19.8
369443 2010 BP	15.4	X	309.55066	125.88662	309.16095	9.49917	0.1351337	0.17092024	3.2156866	20	11 3.1	19.5
369444 2010 BS_{1}	15.4	X	55.93594	252.84277	129.81272	12.48708	0.0748029	0.17853404	3.1235996	20	—	—
369445 2010 BF_{39}	16.2	X	155.50656	117.36383	257.64826	10.41238	0.0843188	0.22217183	2.6998734	20	2 20.0	20.4
369446 2010 BF_{63}	16.7	X	55.29404	115.73739	340.94667	5.05770	0.0868639	0.21339880	2.7733716	20	2 2.7	20.0
369447 2010 CX_{78}	16.4	X	39.27625	78.69502	337.86435	16.38927	0.1952827	0.18207344	3.0829867	20	—	—
369448 2010 CV_{117}	15.7	X	11.10022	75.76817	320.75382	8.14788	0.0857598	0.17382462	3.1797663	20	12 23.2	20.0
369449 2010 CF_{148}	15.3	X	70.65923	215.23223	102.02530	9.95798	0.0431386	0.17591283	3.1545521	20	11 28.1	19.8
369450 2010 CA_{167}	15.5	X	345.54414	90.55458	338.85078	14.48460	0.0798810	0.17058150	3.2199423	20	12 27.4	19.9
369451 2010 CV_{249}	15.7	X	345.75248	89.61606	311.68826	8.72008	0.1085881	0.16759250	3.2581144	20	11 20.2	19.9
369452 2010 LG_{14}	17.9	X	78.97743	182.83871	271.29304	34.21843	0.7427520	0.92234378	1.0452195	20	5 30.3	18.4
369453 2010 LV_{75}	17.9	X	63.76047	306.24663	304.66460	6.75670	0.1153775	0.29825162	2.2186093	20	9 21.4	20.7
369454 2010 NZ_{1}	19.2	X	118.74248	37.83892	159.02023	32.77414	0.6463975	0.61255731	1.3731086	20	10 21.9	22.5
369455 2010 OO_{8}	17.7	X	293.03810	144.71210	293.30464	3.31278	0.1210906	0.30016111	2.2091902	20	11 20.6	19.5
369456 2010 OR_{122}	17.8	X	335.71974	209.40270	183.59652	2.66359	0.1578645	0.29928296	2.2135095	20	12 10.7	19.5
369457 2010 QF_{3}	17.0	X	268.66049	122.50147	173.20621	6.26856	0.1396560	0.26844498	2.3799392	20	3 8.6	20.4
369458 2010 RK_{45}	18.0	X	82.41496	288.72597	332.58153	7.06406	0.1257180	0.30121041	2.2040565	20	10 30.8	21.1
369459 2010 RL_{45}	17.9	X	0.56911	60.39187	313.51864	4.58820	0.1846862	0.30609636	2.1805394	20	—	—
369460 2010 RD_{61}	16.6	X	287.24589	149.78578	226.01553	0.44284	0.1029664	0.18194725	3.0844120	20	7 24.5	20.7
369461 2010 RC_{68}	18.2	X	96.61315	36.28397	240.60474	4.20449	0.2572856	0.31854182	2.1233671	20	12 16.5	21.8
369462 2010 RY_{101}	17.9	X	257.46910	219.20584	203.47805	5.90149	0.0556229	0.28940742	2.2635822	20	9 1.9	20.5
369463 2010 RA_{112}	18.2	X	76.40697	277.09918	12.49706	5.12580	0.2377825	0.31260734	2.1501558	20	12 13.8	21.7
369464 2010 RC_{115}	18.1	X	259.53358	78.23203	339.71459	6.27513	0.1410567	0.28690942	2.2767019	20	8 17.1	20.8
369465 2010 RT_{125}	18.5	X	325.65802	259.54952	143.43174	3.52103	0.1210214	0.30364463	2.1922613	20	12 4.1	20.3
369466 2010 RA_{142}	18.0	X	102.71009	351.93539	221.34541	6.48242	0.0313914	0.29151608	2.2526534	20	9 8.3	20.8
369467 2010 RG_{157}	17.5	X	251.69834	119.42900	325.89778	5.07493	0.1447155	0.29444014	2.2377147	20	9 12.9	20.0
369468 2010 RJ_{176}	18.7	X	327.27416	186.18445	213.49519	2.82542	0.1148927	0.30317552	2.1945221	20	11 30.9	20.4
369469 2010 SW_{14}	18.0	X	248.39349	277.06911	177.03089	6.35201	0.0870053	0.29610528	2.2293176	20	10 3.3	20.4
369470 2010 SK_{18}	18.2	X	34.06903	299.33280	341.60448	1.47778	0.1357035	0.29572794	2.2312136	20	9 28.7	20.3
369471 2010 TF_{1}	18.5	X	288.17807	348.22782	62.66299	0.82609	0.2062023	0.29225915	2.2488335	20	9 14.4	20.2
369472 2010 TH_{23}	18.6	X	304.44445	286.41567	108.32905	0.43121	0.1394436	0.29465218	2.2366410	20	10 3.2	20.3
369473 2010 TE_{34}	17.6	X	15.84436	91.58546	186.48392	5.74080	0.1207323	0.28522776	2.2856419	20	8 17.5	19.9
369474 2010 TP_{34}	17.8	X	72.25883	13.45077	181.93024	6.80213	0.0688408	0.27435902	2.3456141	20	7 6.9	20.8
369475 2010 TY_{76}	17.2	X	41.04547	301.30797	353.12580	9.22479	0.0745679	0.29589634	2.2303670	20	10 15.7	19.9
369476 2010 TE_{95}	16.3	X	359.63292	241.58353	22.43731	9.58535	0.0352644	0.17451525	3.1713715	20	6 17.3	20.7
369477 2010 TK_{96}	16.3	X	183.52708	34.19586	69.13217	2.09643	0.1701501	0.17276792	3.1927186	20	7 13.8	21.5
369478 2010 TT_{105}	18.4	X	28.82732	110.32810	207.59935	8.46610	0.1578493	0.30186361	2.2008758	20	11 19.9	20.9
369479 2010 TE_{117}	17.1	X	340.28711	138.48438	247.88916	6.95155	0.0615123	0.29946768	2.2125992	20	11 26.8	19.4
369480 2010 TT_{139}	17.2	X	12.37810	249.66468	73.29640	8.60784	0.1944440	0.29734105	2.2231366	20	11 8.6	19.3
369481 2010 TB_{152}	17.7	X	17.28142	347.62284	345.48187	6.26738	0.1915707	0.30248244	2.1978731	20	11 28.1	20.1
369482 2010 TW_{170}	17.3	X	342.63443	131.26476	230.57988	4.24516	0.1568783	0.29692678	2.2252039	20	11 3.5	19.0
369483 2010 TO_{173}	17.5	X	321.42749	271.33430	137.22039	7.25340	0.1375825	0.29991340	2.2104064	20	12 5.2	19.4
369484 2010 TT_{177}	17.7	X	358.99193	270.73807	104.35266	4.89270	0.1817488	0.30397342	2.1906802	20	12 30.9	19.7
369485 2010 UP_{6}	17.1	X	267.30456	280.75562	111.68669	11.40361	0.1752846	0.27725808	2.3292346	20	7 14.1	19.8
369486 2010 UQ_{9}	18.4	X	77.97756	276.92183	33.41410	2.29859	0.2692412	0.31445745	2.1417139	20	—	—
369487 2010 US_{39}	17.9	X	352.30887	129.92079	239.50201	3.04456	0.2014996	0.30143964	2.2029390	20	12 13.9	19.8
369488 2010 UA_{55}	17.5	X	300.17737	154.88858	239.35340	5.87007	0.0746643	0.28758315	2.2731448	20	9 24.8	20.0
369489 2010 UM_{55}	17.7	X	333.63652	108.58988	237.33860	3.09316	0.0661118	0.28517013	2.2859498	20	9 10.6	20.0
369490 2010 UR_{62}	17.8	X	3.63709	192.65748	173.15948	7.29160	0.2189178	0.30358134	2.1925660	20	12 30.6	20.2
369491 2010 US_{70}	17.6	X	359.88322	58.24699	329.42037	5.15702	0.2053093	0.30581762	2.1818642	20	—	—
369492 2010 UT_{70}	17.4	X	215.38297	78.16468	353.97010	6.24543	0.2197669	0.27212344	2.3584432	20	7 4.8	21.2
369493 2010 UE_{71}	17.8	X	16.90474	321.85375	24.46474	2.29365	0.1985314	0.30163672	2.2019794	20	12 18.5	20.1
369494 2010 UQ_{74}	17.4	X	73.09526	10.90369	275.49441	6.42510	0.1784622	0.30375358	2.1917370	20	11 30.9	20.5
369495 2010 UM_{99}	18.1	X	9.79842	320.65456	56.84595	4.33313	0.0957250	0.30841441	2.1695997	20	—	—
369496 2010 UK_{101}	17.9	X	199.18738	51.92672	17.03490	1.60351	0.1684173	0.26758083	2.3850604	20	6 17.2	21.7
369497 2010 UN_{105}	17.9	X	13.83061	133.06079	164.67703	2.53588	0.2261762	0.28948927	2.2631555	20	10 5.8	19.8
369498 2010 VQ_{14}	17.3	X	319.49954	318.29096	61.95236	7.07072	0.1669800	0.29162860	2.2520739	20	10 14.7	18.9
369499 2010 VY_{16}	18.2	X	30.54838	37.54375	300.97059	3.78229	0.2362253	0.30742888	2.1742339	20	12 31.9	21.0
369500 2010 VG_{29}	17.9	X	316.55246	136.69095	243.23775	5.83671	0.1056179	0.29051674	2.2578163	20	10 1.8	20.0
369501 2010 VX_{33}	17.6	X	254.85930	164.40389	255.98989	2.64348	0.1482936	0.28149492	2.3058038	20	8 9.9	20.3
369502 2010 VX_{36}	17.5	X	237.41405	243.44077	198.79110	5.70729	0.1756919	0.28133271	2.3066900	20	8 13.0	20.7
369503 2010 VO_{47}	17.6	X	314.45059	120.92298	249.92122	7.27223	0.1494596	0.28543040	2.2845600	20	9 6.8	19.8
369504 2010 VK_{50}	18.1	X	320.15491	187.92917	198.42473	5.41476	0.1615088	0.29589620	2.2303677	20	10 25.2	19.6
369505 2010 VV_{75}	16.9	X	110.61595	155.06880	323.56217	5.11423	0.1699015	0.25388476	2.4700835	20	5 24.7	20.5
369506 2010 VG_{91}	16.6	X	272.23087	8.23029	250.04210	6.84820	0.1666882	0.23787016	2.5797408	20	1 24.3	20.5
369507 2010 VJ_{92}	16.6	X	354.54605	90.03884	243.20956	0.34976	0.0517556	0.18887310	3.0085413	20	9 11.3	20.4
369508 2010 VN_{103}	18.1	X	271.49571	204.11178	180.98662	1.42435	0.1206535	0.27629534	2.3346423	20	7 18.4	20.9
369509 2010 VJ_{114}	16.8	X	163.30537	185.31146	279.76861	5.57236	0.0881440	0.26402368	2.4064350	20	6 29.1	20.3
369510 2010 VB_{116}	17.4	X	168.69764	95.47433	357.65504	4.98844	0.1909912	0.26225030	2.4172712	20	6 20.1	21.3
369511 2010 VD_{127}	18.2	X	246.20603	316.40142	88.83576	1.21285	0.2079244	0.27294030	2.3537352	20	6 30.4	21.3
369512 2010 VC_{153}	16.7	X	285.24781	331.06751	259.54146	10.63440	0.1703522	0.23254767	2.6189551	20	1 4.9	20.6
369513 2010 VT_{161}	18.1	X	236.89040	53.18035	36.80758	2.82643	0.1851313	0.28140426	2.3062989	20	8 25.4	21.2
369514 2010 VA_{168}	18.0	X	233.79270	56.33275	350.72351	5.45361	0.1555133	0.27254986	2.3559826	20	6 25.3	21.4
369515 2010 VX_{173}	18.2	X	283.66887	177.86566	248.16698	3.85058	0.1720480	0.29078862	2.2564088	20	10 2.7	20.2
369516 2010 VX_{175}	17.2	X	307.27465	127.57605	283.82454	7.26884	0.0776820	0.29425296	2.2386635	20	11 4.3	19.6
369517 2010 VM_{179}	18.3	X	337.62262	355.17472	43.37243	0.89176	0.1588087	0.29972103	2.2113521	20	12 23.1	20.1
369518 2010 VL_{210}	17.0	X	183.96594	236.51853	232.97944	6.45505	0.0482513	0.27656507	2.3331241	20	7 29.3	20.3
369519 2010 VN_{213}	17.8	X	12.93142	358.04007	328.31864	1.67651	0.0792357	0.29209191	2.2496919	20	10 21.8	20.1
369520 2010 VW_{216}	18.0	X	320.79021	138.66881	239.87104	7.14190	0.1221207	0.29305528	2.2447588	20	10 8.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369521 2010 VH_{217}	17.3	X	126.38154	253.23118	310.38214	5.57385	0.0848386	0.28772182	2.2724143	20	9 28.3	20.4
369522 2010 VW_{217}	16.7	X	70.47094	337.05793	253.60047	10.85599	0.1028563	0.27972121	2.3155409	20	8 25.6	19.9
369523 2010 VQ_{219}	18.3	X	356.32776	73.65384	244.71480	1.74903	0.1284018	0.28728835	2.2746995	20	9 15.3	20.3
369524 2010 WY_{21}	17.1	X	259.96738	30.50723	250.54361	8.70211	0.0781003	0.24159943	2.5531252	20	2 14.8	20.9
369525 2010 WY_{41}	17.8	X	356.56907	84.94739	278.07708	4.71093	0.1728560	0.29716494	2.2240148	20	12 5.1	19.9
369526 2010 WZ_{52}	16.9	X	296.98294	118.94145	43.26528	4.64054	0.1396424	0.21108536	2.7935984	20	—	—
369527 2010 WE_{62}	17.5	X	319.68403	81.79572	259.64426	3.97972	0.1711655	0.27893920	2.3198666	20	7 30.5	19.2
369528 2010 WC_{72}	17.2	X	267.10116	276.90811	92.19953	6.89379	0.1220510	0.27103302	2.3647646	20	6 18.4	20.2
369529 2010 WK_{72}	16.0	X	266.12527	315.79629	259.92737	11.41176	0.1624916	0.21673968	2.7447982	20	—	—
369530 2010 XD_{2}	17.4	X	18.96941	63.66884	92.09245	3.42236	0.0451625	0.23733080	2.5836478	20	2 21.1	20.5
369531 2010 XU_{13}	17.5	X	243.26983	189.53742	294.97395	4.59574	0.0678845	0.29868279	2.2164737	20	11 10.2	20.0
369532 2010 XV_{56}	17.0	X	354.87018	189.51709	341.04565	1.15940	0.1349778	0.23423151	2.6063886	20	1 27.0	19.8
369533 2010 XO_{59}	15.7	X	340.27823	194.90276	288.79501	15.75196	0.0350339	0.20482478	2.8502375	20	—	—
369534 2010 XA_{67}	17.1	X	11.42008	27.63620	99.73344	13.39267	0.1416546	0.22238286	2.6981650	20	—	—
369535 2010 XS_{72}	16.2	X	58.84591	270.76061	238.17153	12.49381	0.1280659	0.24150254	2.5538080	20	4 17.6	19.3
369536 2010 XT_{80}	14.8	X	338.70531	83.79799	104.41467	15.54696	0.1360532	0.12599238	3.9406983	20	2 15.4	19.9
369537 2010 XO_{88}	15.3	X	177.76175	296.18955	266.78525	12.17263	0.2456573	0.17505104	3.1648971	20	10 28.9	20.9
369538 2011 AL_{2}	16.2	X	200.77792	177.40017	22.77075	3.95306	0.1221090	0.18672614	3.0315586	20	11 25.5	20.9
369539 2011 AP_{5}	16.6	X	320.90071	106.58789	295.72599	22.50844	0.2724507	0.28998325	2.2605847	20	11 26.9	18.4
369540 2011 AA_{10}	16.6	X	214.21451	181.86743	107.45353	6.48309	0.0613528	0.21899175	2.7259479	20	1 13.9	20.4
369541 2011 AE_{12}	16.1	X	91.11978	114.42074	298.22733	9.31444	0.0464928	0.21777024	2.7361319	20	1 20.9	19.8
369542 2011 AT_{14}	17.4	X	151.27176	330.59073	91.68727	9.95327	0.1708362	0.24258504	2.5462050	20	4 29.0	21.5
369543 2011 AK_{18}	16.6	X	311.99454	158.25463	324.25963	8.50584	0.0732501	0.19679627	2.9272387	20	—	—
369544 2011 AG_{21}	16.0	X	245.28885	80.23881	103.62902	12.10186	0.0494543	0.19335762	2.9618418	20	—	—
369545 2011 AK_{26}	17.0	X	101.62288	62.33631	348.23677	5.18951	0.0699122	0.22210169	2.7004417	20	2 4.9	20.5
369546 2011 AN_{31}	16.3	X	219.21876	89.47120	102.33108	9.93302	0.0632354	0.18910761	3.0060536	20	12 13.7	20.6
369547 2011 AC_{39}	16.9	X	241.02435	268.97367	338.49194	3.23842	0.0484896	0.21284750	2.7781584	20	—	—
369548 2011 AO_{44}	16.0	X	90.57208	107.09472	310.18437	13.13941	0.0111172	0.21681629	2.7441516	20	1 22.5	19.6
369549 2011 AP_{46}	16.7	X	147.23213	262.97589	136.34380	7.08565	0.1702146	0.22879561	2.6475099	20	3 20.7	20.6
369550 2011 AZ_{47}	17.2	X	285.09576	286.67289	135.56324	22.75714	0.2905569	0.28336547	2.2956452	20	9 12.3	19.4
369551 2011 AB_{51}	17.9	X	234.15216	153.69124	253.19928	5.13725	0.1536295	0.26197465	2.4189666	20	6 24.9	21.4
369552 2011 AS_{51}	17.0	X	169.91358	183.79556	157.84452	6.61352	0.0717845	0.21723387	2.7406339	20	1 29.6	21.1
369553 2011 AC_{59}	17.4	X	204.00711	156.67267	269.33007	0.83081	0.1601684	0.25826181	2.4420952	20	6 18.3	21.3
369554 2011 AK_{59}	16.4	X	345.33582	297.36371	295.79936	9.58466	0.0141230	0.23917470	2.5703517	20	4 11.8	19.9
369555 2011 AJ_{60}	17.9	X	217.47802	303.54650	144.37616	3.00564	0.1632833	0.26718550	2.3874124	20	7 31.2	21.2
369556 2011 AV_{65}	17.3	X	6.73752	76.32429	7.49744	1.87603	0.0777769	0.20127347	2.8836664	20	—	—
369557 2011 AG_{73}	17.4	X	271.13564	93.55246	299.30935	9.09117	0.1947969	0.27195131	2.3594382	20	7 16.9	20.2
369558 2011 AO_{74}	17.1	X	221.62233	96.46163	319.43828	9.22470	0.0785129	0.26255531	2.4153988	20	7 1.9	20.4
369559 2011 AQ_{74}	15.9	X	224.76122	233.77655	322.67003	13.03888	0.0930376	0.19336373	2.9617794	20	12 23.1	20.3
369560 2011 AK_{75}	15.6	X	221.49446	228.19790	311.50568	26.46608	0.1588570	0.18159229	3.0884301	20	11 10.7	20.9
369561 2011 BF_{3}	17.3	X	119.53994	4.76915	60.09300	2.77557	0.1014917	0.23464465	2.6033284	20	3 20.0	20.9
369562 2011 BS_{8}	17.1	X	243.91537	80.65173	88.01428	3.58326	0.0487453	0.18965813	3.0002336	20	12 16.7	21.4
369563 2011 BN_{13}	16.1	X	155.58513	146.84227	59.49433	5.78245	0.0883830	0.17213514	3.2005382	20	10 21.1	21.0
369564 2011 BN_{14}	15.4	X	203.03545	260.12007	290.23474	15.30834	0.1841613	0.17814430	3.1281538	20	11 6.3	20.8
369565 2011 BW_{14}	16.7	X	149.08958	181.82099	235.44311	6.47385	0.1404815	0.24046310	2.5611622	20	4 12.9	20.6
369566 2011 BH_{19}	16.7	X	329.08787	51.59189	345.10760	24.08490	0.2703513	0.28976461	2.2617216	20	12 10.7	18.9
369567 2011 BL_{27}	16.5	X	18.64323	172.61401	312.54210	7.18125	0.0654043	0.21185915	2.7867921	20	1 14.8	19.9
369568 2011 BV_{30}	16.2	X	308.69599	114.17855	115.28222	12.07986	0.0316930	0.22385432	2.6863282	20	2 24.9	19.8
369569 2011 BB_{44}	16.4	X	162.29525	139.41514	173.15569	5.90903	0.0390538	0.20449951	2.8532591	20	—	—
369570 2011 BF_{67}	17.1	X	147.18642	285.45153	141.35394	15.02664	0.1497295	0.24001947	2.5643171	20	4 30.9	21.3
369571 2011 BW_{68}	17.5	X	140.23801	303.71499	47.65122	5.22115	0.0916366	0.21640334	2.7476415	20	1 12.6	21.4
369572 2011 BW_{73}	17.7	X	159.04106	258.22255	164.61611	12.50643	0.2051353	0.24003219	2.5642266	20	5 7.8	22.1
369573 2011 BY_{73}	17.6	X	127.07134	222.22578	188.22357	7.14394	0.1823847	0.22582570	2.6706715	20	3 18.8	21.6
369574 2011 BL_{81}	16.7	X	137.89865	141.61973	261.04726	3.41499	0.0949179	0.22807736	2.6530653	20	3 9.7	20.6
369575 2011 BM_{86}	16.8	X	189.70089	29.45981	313.50601	4.35807	0.0956549	0.22661397	2.6644747	20	2 21.1	20.7
369576 2011 BH_{89}	16.6	X	34.83709	261.78700	187.36743	9.33318	0.0902833	0.20637158	2.8359776	20	—	—
369577 2011 BV_{89}	16.8	X	127.16510	255.17761	137.89587	5.89554	0.0617035	0.22032107	2.7149721	20	2 12.9	20.4
369578 2011 BY_{89}	16.3	X	195.19813	15.96159	319.88039	11.30952	0.1575307	0.22353600	2.6888778	20	2 18.7	20.7
369579 2011 BP_{96}	16.1	X	228.36487	348.27833	160.55784	9.65165	0.0473261	0.17465841	3.1696383	20	11 4.0	20.7
369580 2011 BZ_{97}	17.2	X	182.20428	314.78140	70.31915	4.49002	0.1141925	0.23818538	2.5774642	20	4 7.9	21.2
369581 2011 BD_{98}	16.9	X	353.00043	134.75121	15.51540	4.21975	0.0375197	0.21522803	2.7576353	20	1 12.2	20.5
369582 2011 BY_{102}	16.0	X	247.14944	181.72344	344.25940	9.41954	0.0669823	0.18922785	3.0047800	20	12 14.3	20.3
369583 2011 BN_{106}	16.7	X	154.64174	203.39316	160.44770	5.52626	0.0722243	0.21692580	2.7432280	20	2 9.2	20.8
369584 2011 BV_{108}	17.1	X	103.44209	159.19942	161.14611	2.47965	0.0871149	0.18677251	3.0310568	20	—	—
369585 2011 BD_{116}	16.8	X	260.86762	342.34363	303.85090	5.40791	0.0473522	0.22892941	2.6464782	20	2 29.5	20.6
369586 2011 BR_{128}	16.8	X	309.21159	134.19699	168.65960	5.26785	0.1304706	0.24547120	2.5262075	20	5 17.2	19.7
369587 2011 BG_{132}	16.5	X	133.05404	198.36331	158.19268	5.71832	0.0953690	0.20994537	2.8037020	20	1 10.9	20.6
369588 2011 BS_{132}	17.0	X	99.33543	144.35982	254.73166	3.19033	0.0767957	0.21294934	2.7772726	20	1 19.1	20.7
369589 2011 BH_{134}	16.7	X	125.39976	220.99167	140.70206	9.16949	0.1905679	0.21365818	2.7711266	20	1 19.9	20.8
369590 2011 BZ_{153}	17.4	X	215.27033	196.61363	144.80151	2.01923	0.0276239	0.23229437	2.6208586	20	3 19.9	21.0
369591 2011 BA_{161}	16.8	X	35.26736	130.41030	340.30617	3.59298	0.0727819	0.21597916	2.7512379	20	1 20.0	20.2
369592 2011 CK_{4}	15.6	X	186.35972	199.38730	344.95032	11.60833	0.0584746	0.17242592	3.1969390	20	10 21.6	20.5
369593 2011 CZ_{8}	17.5	X	227.56807	223.85986	188.01010	2.57737	0.1849180	0.25903808	2.4372139	20	6 21.5	21.1
369594 2011 CK_{14}	16.1	X	100.10734	318.92723	315.44853	8.10788	0.0488118	0.17449219	3.1716510	20	11 6.2	20.9
369595 2011 CT_{17}	16.5	X	254.21648	149.25083	351.64218	7.05438	0.1148813	0.18067830	3.0988369	20	11 12.2	20.9
369596 2011 CA_{24}	16.6	X	37.63833	301.38297	133.00038	3.09598	0.0352331	0.20429435	2.8551689	20	—	—
369597 2011 CQ_{28}	16.7	X	67.69167	53.12235	14.91917	4.72892	0.1128781	0.21491102	2.7603465	20	1 17.9	20.0
369598 2011 CF_{31}	17.4	X	165.29501	339.76752	92.89722	1.02512	0.1446294	0.24624415	2.5209183	20	5 20.6	21.4
369599 2011 CW_{34}	16.0	X	121.85481	108.39340	325.72643	21.60080	0.0370008	0.22725073	2.6594951	20	3 15.4	19.9
369600 2011 CC_{35}	16.0	X	89.27437	140.90173	315.97564	13.62408	0.0760378	0.22595862	2.6696240	20	3 12.4	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369601 2011 CM_{43}	17.2	X	295.84732	31.56797	164.72640	4.13668	0.0378823	0.20907302	2.8114955	20	—	—
369602 2011 CE_{46}	16.5	X	152.77295	300.39528	312.66426	4.22863	0.0686843	0.18148378	3.0896610	20	12 11.9	21.2
369603 2011 CP_{46}	16.2	X	36.92846	296.24886	131.65485	15.51505	0.1374322	0.20591610	2.8401580	20	—	—
369604 2011 CZ_{50}	15.8	X	223.18958	273.40602	275.84376	6.44422	0.0769334	0.18472453	3.0534185	20	12 11.8	20.2
369605 2011 CL_{51}	16.0	X	92.59520	335.39688	326.21111	8.76062	0.0785201	0.17898986	3.1182943	20	12 6.0	20.8
369606 2011 CN_{54}	17.4	X	135.90452	61.16807	335.81253	1.33543	0.0841622	0.22336289	2.6902669	20	3 1.3	21.3
369607 2011 CT_{56}	16.5	X	114.99170	169.89573	143.58769	10.49128	0.0702198	0.18948060	3.0021074	20	—	—
369608 2011 CB_{62}	16.7	X	27.38579	147.53212	314.44760	8.33741	0.1221259	0.21019475	2.8014839	20	—	—
369609 2011 CW_{63}	17.4	X	225.69323	314.80967	121.14426	2.21576	0.1617862	0.26181892	2.4199257	20	7 24.1	20.8
369610 2011 CH_{68}	16.1	X	197.31312	103.31690	200.47401	5.74200	0.0501608	0.21479094	2.7613751	20	1 12.5	20.1
369611 2011 CW_{68}	15.8	X	347.23304	204.55814	328.35580	16.41488	0.0583181	0.21962553	2.7207011	20	2 1.3	19.3
369612 2011 CK_{70}	16.1	X	81.50821	177.05137	263.25124	13.09603	0.0648847	0.22349444	2.6892112	20	2 8.3	19.9
369613 2011 CJ_{73}	15.2	X	211.89654	259.54242	310.73730	14.81046	0.0752648	0.17760448	3.1344891	20	12 23.9	20.0
369614 2011 CN_{85}	15.9	X	197.30942	230.44850	321.57052	9.53005	0.0886737	0.17343647	3.1845086	20	11 10.4	20.9
369615 2011 CW_{86}	16.7	X	141.75110	122.25534	282.86913	5.18458	0.0471144	0.22521176	2.6755229	20	3 11.3	20.6
369616 2011 CZ_{87}	16.5	X	101.27326	265.28637	157.17958	12.00374	0.0543538	0.21753258	2.7381244	20	2 16.1	20.2
369617 2011 CH_{93}	16.2	X	122.27627	22.00507	295.11964	9.80594	0.1047627	0.19118593	2.9842287	20	—	—
369618 2011 CM_{104}	16.1	X	68.91122	27.67275	315.55657	9.93540	0.1139720	0.18300469	3.0725189	20	—	—
369619 2011 CD_{116}	16.2	X	137.37245	96.06270	183.29509	5.00572	0.1170681	0.18027767	3.1034262	20	12 26.9	21.3
369620 2011 DT_{2}	15.8	X	160.19160	111.61396	150.05963	9.71239	0.0596084	0.18374022	3.0643138	20	12 30.4	20.5
369621 2011 DB_{5}	15.7	X	332.64322	188.93564	277.14237	9.33528	0.0691230	0.19047428	2.9916572	20	—	—
369622 2011 DO_{5}	16.9	X	134.99527	233.44437	151.44374	5.32158	0.0836025	0.21411249	2.7672053	20	2 15.0	20.8
369623 2011 DY_{5}	16.1	X	251.78289	340.36870	168.33360	17.60724	0.1561836	0.17923854	3.1154093	20	11 18.3	20.7
369624 2011 DH_{11}	15.7	X	280.94049	338.56080	159.35291	23.80500	0.0794445	0.18453573	3.0555008	20	12 23.6	20.2
369625 2011 DN_{17}	16.1	X	319.58684	333.39206	150.20857	12.88454	0.1145730	0.19229661	2.9727266	20	—	—
369626 2011 DO_{18}	15.8	X	76.34065	83.29484	356.38829	11.71298	0.1184299	0.21157617	2.7892763	20	2 18.5	19.4
369627 2011 DQ_{18}	16.5	X	270.37890	301.16714	172.99787	9.89752	0.0733891	0.17046369	3.2214257	20	11 8.5	21.0
369628 2011 DP_{22}	16.2	X	52.76076	218.01067	167.79307	10.48131	0.0713327	0.18493523	3.0510989	20	—	—
369629 2011 DD_{23}	16.2	X	336.88970	266.05728	166.24731	12.17124	0.1192412	0.17835973	3.1256344	20	12 21.3	20.2
369630 2011 DO_{24}	15.8	X	246.41273	239.49560	317.45724	10.39269	0.0707408	0.19061738	2.9901597	20	—	—
369631 2011 DV_{37}	16.6	X	148.85721	88.83077	232.80385	1.37313	0.0274361	0.19729803	2.9222736	20	—	—
369632 2011 ED	16.5	X	195.14178	297.84305	132.05096	15.96627	0.0967875	0.24450723	2.5328428	20	6 18.7	20.5
369633 2011 EG_{9}	16.6	X	345.30269	331.71376	171.37740	12.43141	0.0883656	0.20215594	2.8752683	20	—	—
369634 2011 EG_{12}	16.1	X	221.32048	2.51682	167.67459	10.51218	0.0901900	0.17558670	3.1584570	20	11 16.1	20.9
369635 2011 EH_{12}	15.6	X	225.81264	226.64194	329.30363	13.97704	0.1333449	0.18317204	3.0706472	20	12 15.3	20.4
369636 2011 EA_{19}	16.0	X	72.29216	213.51652	146.52296	9.54430	0.0454266	0.18847269	3.0128009	20	—	—
369637 2011 EW_{20}	15.6	X	174.01543	251.59943	319.00664	5.65297	0.0744243	0.17003558	3.2268307	20	11 10.0	20.6
369638 2011 EM_{24}	15.1	X	134.77663	355.01567	9.29597	15.44763	0.1438951	0.20392468	2.8586185	20	2 4.3	19.6
369639 2011 ED_{45}	16.7	X	90.03755	233.46582	172.08147	9.34714	0.1707954	0.21032066	2.8003657	20	1 27.9	20.4
369640 2011 EZ_{54}	15.9	X	343.62454	331.01802	98.39569	10.99343	0.0966316	0.18274764	3.0753994	20	12 27.9	19.5
369641 2011 EY_{65}	16.3	X	70.69677	213.54854	191.14590	2.11181	0.0417274	0.19752829	2.9200022	20	—	—
369642 2011 ER_{66}	15.5	X	101.13863	150.47918	168.24247	9.58583	0.0728561	0.17743882	3.1364398	20	—	—
369643 2011 EX_{77}	16.4	X	56.12021	286.61996	176.71696	13.14082	0.1178711	0.21125426	2.7921092	20	2 12.8	19.8
369644 2011 EB_{78}	15.4	X	241.73169	192.93239	325.67072	12.62155	0.1033534	0.17174753	3.2053519	20	11 16.7	20.3
369645 2011 ES_{78}	16.4	X	284.72146	258.53286	261.35414	1.65918	0.1054365	0.18574303	3.0422462	20	—	—
369646 2011 EN_{81}	16.0	X	211.46389	141.58692	55.12783	2.83997	0.0470412	0.17790016	3.1310151	20	12 9.4	20.4
369647 2011 EU_{81}	16.5	X	106.85487	255.68593	175.08962	8.59722	0.1008840	0.22024557	2.7155924	20	3 11.6	20.3
369648 2011 FQ_{1}	15.6	X	336.32444	115.73117	333.25876	7.60543	0.0438439	0.18357149	3.0661911	20	—	—
369649 2011 FA_{20}	16.0	X	113.78508	54.77438	342.28968	11.08234	0.0628672	0.21378924	2.7699939	20	2 4.9	19.8
369650 2011 FB_{23}	16.3	X	53.12065	283.24324	165.91272	23.01963	0.2629720	0.21267601	2.7796517	20	2 5.7	19.2
369651 2011 FT_{24}	16.1	X	248.67302	347.98792	183.88391	11.56597	0.0561758	0.17782564	3.1318897	20	12 22.3	20.7
369652 2011 FW_{38}	16.4	X	178.13685	289.26050	84.38892	4.51779	0.1001292	0.21535766	2.7565286	20	3 22.1	20.6
369653 2011 FE_{44}	16.5	X	259.94153	359.73936	168.06275	1.02238	0.1353756	0.18055210	3.1002808	20	12 21.6	20.6
369654 2011 FU_{75}	16.3	X	356.50271	229.50446	177.45017	11.01382	0.0797441	0.17658416	3.1465519	20	12 16.1	20.6
369655 2011 FK_{106}	15.5	X	53.31878	97.94585	296.99185	6.34293	0.0561614	0.18674963	3.0313044	20	—	—
369656 2011 FU_{109}	15.8	X	84.16556	170.89117	233.61468	6.21082	0.1039338	0.20029408	2.8930591	20	1 11.2	19.7
369657 2011 FF_{120}	16.2	X	39.01453	229.15505	202.89308	8.83708	0.1260099	0.19639042	2.9312702	20	—	—
369658 2011 FG_{130}	15.8	X	326.97912	157.39378	305.67192	6.54503	0.0606001	0.18463174	3.0544414	20	—	—
369659 2011 FA_{131}	16.7	X	106.08417	126.36573	258.41255	1.02651	0.0799717	0.20302009	2.8671035	20	1 12.6	20.4
369660 2011 FQ_{149}	16.7	X	312.48220	318.56023	193.08832	3.60594	0.1433616	0.19282446	2.9672989	20	—	—
369661 2011 FP_{155}	16.4	X	339.12598	270.55691	174.00050	16.19081	0.0925469	0.18323085	3.0699902	20	—	—
369662 2011 GA_{59}	15.6	X	200.54277	244.12089	18.40055	10.81104	0.0672500	0.18124736	3.0923473	20	—	—
369663 2011 GS_{72}	15.9	X	283.00768	267.46138	201.51064	14.92134	0.2029134	0.17125062	3.2115495	20	10 31.5	19.9
369664 2011 GL_{77}	15.4	X	130.44246	271.40881	51.19761	9.51757	0.0445176	0.17649604	3.1475991	20	—	—
369665 2011 HF_{14}	16.0	X	95.34511	274.29271	190.23124	14.52564	0.0749746	0.21445412	2.7642657	20	4 6.9	19.7
369666 2011 HY_{17}	15.4	X	48.77386	162.36794	187.71718	10.05284	0.0111902	0.16777980	3.2556892	20	12 4.4	20.1
369667 2011 HM_{29}	16.9	X	121.71163	165.94240	98.55842	7.10514	0.0873461	0.26376957	2.4079802	20	12 10.7	20.3
369668 2011 HU_{102}	15.4	X	335.62677	263.64967	172.60641	24.87626	0.1959169	0.17395557	3.1781703	20	12 26.3	19.5
369669 2011 JG_{3}	16.1	X	328.83304	238.60668	231.22322	5.45858	0.1396075	0.18342573	3.0678153	20	—	—
369670 2011 KR_{20}	17.7	X	52.92926	177.78136	100.36472	3.46406	0.1035647	0.24479527	2.5308556	20	10 9.8	20.9
369671 2011 KP_{31}	15.3	X	215.67114	204.69283	42.05446	9.84045	0.0321250	0.17783479	3.1317823	20	—	—
369672 2011 SS_{89}	18.1	X	220.01424	65.70654	308.31354	1.56175	0.1691486	0.29668518	2.2264117	20	4 24.8	21.4
369673 2011 ST_{254}	17.4	X	216.43278	225.42634	74.15370	8.05953	0.2039827	0.28281261	2.2986360	20	1 21.0	21.3
369674 2011 UZ_{181}	17.7	X	292.24778	42.84915	250.85539	2.29951	0.1675664	0.29240682	2.2480763	20	3 27.7	20.5
369675 2011 UY_{278}	17.7	X	144.06121	51.17992	354.24586	2.10554	0.1886480	0.27358394	2.3500422	20	3 27.1	21.2
369676 2011 VO_{12}	17.9	X	188.22895	159.00445	258.42451	14.80783	0.0837098	0.40748176	1.8018997	20	5 21.7	19.7
369677 2011 WQ_{5}	16.4	X	300.80747	27.15571	340.56317	5.44363	0.1116491	0.19716009	2.9236365	20	8 4.3	20.0
369678 2011 WB_{16}	17.2	X	30.39070	194.92265	223.40683	6.11739	0.2554949	0.23953027	2.5678074	20	—	—
369679 2011 YU_{6}	16.7	X	251.74792	343.00258	231.03766	12.37016	0.0921356	0.23620505	2.5918504	20	—	—
369680 2011 YX_{63}	17.6	X	151.79171	55.55862	308.13092	17.35969	0.0860525	0.36379531	1.9434110	20	1 18.4	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369681 2011 YK_{75}	17.3	X	101.70386	63.22816	303.36801	13.90880	0.1141578	0.34859788	1.9994915	20	—	—
369682 2012 AM_{2}	18.1	X	154.42816	61.81776	125.83569	3.59792	0.1331370	0.30610731	2.1804874	20	10 14.8	21.2
369683 2012 AX_{17}	17.2	X	93.16081	243.31774	314.19076	23.88838	0.1402395	0.28528055	2.2853599	20	8 16.1	20.4
369684 2012 BJ_{1}	17.4	X	92.99473	278.49588	141.44168	22.79769	0.1277683	0.36900189	1.9250868	20	1 14.2	19.0
369685 2012 BU_{18}	17.9	X	102.19182	287.71359	305.11146	3.10420	0.1504544	0.29459708	2.2369198	20	10 16.9	21.3
369686 2012 BL_{28}	17.0	X	215.25769	299.27148	316.62899	16.68108	0.0980953	0.34814166	2.0012379	20	—	—
369687 2012 BD_{52}	17.5	X	33.15003	318.97104	251.48749	2.65837	0.1848918	0.26447246	2.4037119	20	6 13.3	19.5
369688 2012 BZ_{72}	17.7	X	75.45598	256.60940	323.97371	5.13011	0.1272782	0.28196600	2.3032349	20	8 27.5	20.7
369689 2012 BC_{75}	17.9	X	80.58809	356.97974	203.18790	6.93441	0.1133693	0.27884314	2.3203994	20	7 31.9	20.9
369690 2012 BL_{96}	16.9	X	20.40382	280.09773	173.95874	22.71482	0.1210414	0.34869917	1.9991042	20	—	—
369691 2012 BJ_{101}	17.8	X	93.40887	322.65972	285.47495	6.04958	0.1071574	0.29681446	2.2257652	20	10 23.6	20.9
369692 2012 BE_{106}	16.9	X	104.57303	128.41311	85.51955	7.72407	0.0700798	0.29589015	2.2303981	20	9 24.1	19.9
369693 2012 BA_{122}	16.9	X	57.10143	277.66099	322.57755	6.40557	0.1236873	0.28077403	2.3097488	20	8 29.4	19.5
369694 2012 BK_{129}	17.1	X	353.23627	153.69484	140.25940	7.53000	0.1317736	0.28103521	2.3083176	20	7 29.7	19.1
369695 2012 BT_{133}	15.7	X	200.77620	27.67857	109.87524	16.39080	0.1247082	0.18532524	3.0468168	20	9 18.4	20.7
369696 2012 CO_{15}	17.3	X	22.04529	55.04466	150.77000	2.74487	0.1509541	0.26018162	2.4300673	20	5 9.4	19.5
369697 2012 CV_{26}	18.0	X	348.38396	300.57684	317.77124	1.72416	0.1898459	0.26518320	2.3994150	20	5 15.1	19.7
369698 2012 CH_{43}	16.9	X	10.12538	94.67960	0.14151	12.41793	0.1122213	0.23093121	2.6311622	20	—	—
369699 2012 CU_{47}	17.1	X	59.48987	87.70863	129.88101	6.53051	0.0326685	0.27611364	2.3356664	20	7 15.3	19.8
369700 2012 CC_{51}	18.3	X	146.36008	11.35322	173.45750	3.10289	0.0528725	0.29646405	2.2275187	20	9 30.5	21.0
369701 2012 DH_{3}	17.5	X	29.00931	204.04929	88.83270	3.78769	0.1026966	0.28906563	2.2653662	20	10 4.3	19.9
369702 2012 DK_{9}	18.1	X	196.42515	134.72956	340.68604	7.07818	0.0373237	0.29174642	2.2514675	20	8 28.7	20.9
369703 2012 DL_{16}	17.9	X	178.18660	6.68810	117.21875	5.50485	0.1921404	0.28556350	2.2838500	20	8 9.5	21.4
369704 2012 DM_{19}	16.6	X	286.30321	38.35208	163.66715	16.78995	0.1199675	0.22153157	2.7050729	20	—	—
369705 2012 DN_{26}	17.3	X	168.20184	231.88842	327.52310	5.00656	0.0763350	0.30587921	2.1815713	20	11 14.6	20.3
369706 2012 DA_{27}	17.2	X	70.03374	305.97906	300.38517	7.26431	0.0885303	0.28792982	2.2713198	20	9 17.5	20.2
369707 2012 DB_{27}	16.7	X	175.54739	235.31365	324.73618	12.07132	0.2630565	0.18584974	3.0410817	20	10 22.1	22.3
369708 2012 DP_{27}	17.0	X	233.16069	233.28122	352.01285	4.59123	0.1128275	0.20992367	2.8038952	20	—	—
369709 2012 DT_{36}	16.4	X	246.52900	22.09741	217.57018	5.85417	0.2511926	0.21786905	2.7353046	20	—	—
369710 2012 DL_{37}	17.8	X	263.05509	18.08058	356.58198	2.37834	0.0333896	0.27452772	2.3446530	20	7 5.9	20.6
369711 2012 DR_{37}	15.8	X	209.59277	216.15619	36.92225	8.46251	0.1733812	0.21004512	2.8028143	20	—	—
369712 2012 DR_{40}	17.0	X	311.15716	22.75379	264.09532	4.04724	0.1883977	0.25948930	2.4343877	20	4 13.2	19.7
369713 2012 DB_{50}	16.4	X	130.00892	84.51195	163.85126	10.11790	0.1867613	0.17823272	3.1271191	20	11 19.0	21.7
369714 2012 DF_{50}	17.0	X	218.67572	125.35275	178.84318	7.64111	0.1775971	0.22705119	2.6610530	20	1 31.6	21.6
369715 2012 DW_{52}	17.6	X	121.58506	22.51204	180.01109	7.97837	0.0837180	0.28752631	2.2734443	20	9 24.1	20.7
369716 2012 DC_{58}	17.8	X	42.65610	179.48171	110.52966	1.61352	0.1347203	0.28658713	2.2784085	20	10 23.7	20.4
369717 2012 DE_{60}	16.9	X	305.38713	313.69841	343.93941	6.13583	0.1307041	0.25889738	2.4380968	20	4 28.6	19.9
369718 2012 DT_{69}	18.0	X	47.20418	322.26036	322.92955	3.68161	0.1316556	0.29538435	2.2329435	20	10 21.7	20.7
369719 2012 DE_{74}	17.7	X	139.62808	137.64493	357.10540	1.24595	0.1298520	0.27404586	2.3474006	20	7 15.4	21.1
369720 2012 DG_{74}	17.1	X	325.99696	40.61666	193.23565	4.45779	0.0149500	0.24392298	2.5368857	20	3 21.3	20.4
369721 2012 DC_{78}	16.1	X	195.76911	55.49931	83.79889	11.45979	0.1362960	0.18075615	3.0979471	20	9 13.8	21.2
369722 2012 DY_{78}	16.6	X	359.76841	260.21250	287.38903	11.59952	0.1967500	0.24261968	2.5459626	20	2 15.4	19.1
369723 2012 DB_{79}	15.7	X	284.02089	300.12281	285.36402	12.52198	0.1432394	0.22790136	2.6544310	20	1 2.5	19.4
369724 2012 DN_{79}	17.7	X	139.32918	165.41256	346.37848	6.11172	0.1135752	0.28229547	2.3014424	20	8 8.3	21.1
369725 2012 DH_{81}	18.2	X	202.62325	43.53127	131.02371	1.30211	0.0970708	0.30878985	2.1678407	20	11 23.6	20.8
369726 2012 DL_{82}	16.7	X	252.92008	165.82181	115.49181	4.75852	0.1557962	0.23162563	2.6259007	20	2 6.5	20.8
369727 2012 DQ_{86}	15.7	X	255.94976	295.84631	273.70462	14.77685	0.2062031	0.21134716	2.7912910	20	—	—
369728 2012 DA_{87}	16.9	X	346.46856	191.48710	334.20356	4.79295	0.1229945	0.23198905	2.6231577	20	1 9.4	20.0
369729 2012 DL_{89}	17.5	X	338.07740	35.93194	211.27419	0.77532	0.1340528	0.25712376	2.4492958	20	4 12.5	19.7
369730 2012 DC_{93}	17.5	X	2.63090	250.22629	342.82947	5.60560	0.1245923	0.25891718	2.4379725	20	5 7.3	19.9
369731 2012 DM_{98}	16.0	X	267.69419	298.03789	335.24923	14.17426	0.0698634	0.23259082	2.6186312	20	2 20.7	19.8
369732 2012 EZ_{2}	17.3	X	22.04665	291.98820	319.97096	4.17380	0.0806389	0.26962045	2.3730169	20	7 14.2	19.7
369733 2012 EK_{11}	15.9	X	125.13584	102.18993	169.63582	11.55634	0.1012003	0.18566941	3.0430504	20	12 8.9	20.8
369734 2012 EP_{11}	16.6	X	137.42437	127.73114	128.85947	2.36450	0.1256635	0.18805401	3.0172710	20	12 2.9	21.4
369735 2012 EX_{12}	16.8	X	285.42249	344.19663	337.12133	5.30746	0.2204359	0.26068479	2.4269393	20	4 19.0	20.2
369736 2012 FS_{1}	15.9	X	185.73698	45.72476	153.60687	19.61014	0.3055234	0.18423104	3.0588687	20	11 5.9	21.7
369737 2012 FD_{5}	17.4	X	330.46211	283.19626	347.28601	6.72834	0.0988137	0.26030064	2.4293265	20	5 5.2	20.1
369738 2012 FR_{5}	16.7	X	198.51010	85.38413	178.41074	13.08710	0.1754597	0.21213273	2.7843955	20	—	—
369739 2012 FT_{6}	18.3	X	153.16749	285.26952	243.61464	4.62751	0.0743001	0.29234911	2.2483722	20	9 13.0	21.4
369740 2012 FZ_{10}	17.7	X	182.78569	132.00591	351.45569	6.86768	0.1099254	0.28644396	2.2791676	20	8 18.2	21.0
369741 2012 FY_{14}	16.4	X	323.30870	239.14187	339.66023	8.26506	0.1126337	0.23773307	2.5807325	20	2 15.3	19.5
369742 2012 FZ_{26}	17.5	X	143.49518	105.41816	19.28049	4.28518	0.1010159	0.27167497	2.3610379	20	7 4.5	20.9
369743 2012 FZ_{28}	16.2	X	250.01045	321.90483	6.44893	12.67935	0.1320155	0.25211076	2.4816572	20	3 31.9	20.0
369744 2012 FS_{29}	17.6	X	85.17319	64.38298	167.22990	5.56296	0.0576139	0.28357765	2.2945000	20	9 16.1	20.5
369745 2012 FB_{30}	16.5	X	109.48581	309.64271	159.36153	5.70715	0.0589400	0.24435945	2.5338639	20	4 28.7	19.9
369746 2012 FP_{33}	17.5	X	160.98179	152.76837	302.74097	5.68375	0.2026751	0.27189026	2.3597914	20	6 16.7	21.4
369747 2012 FX_{34}	16.7	X	141.39303	93.22410	170.09428	11.62752	0.1792998	0.18640489	3.0350407	20	12 14.6	22.0
369748 2012 FU_{40}	16.8	X	336.63696	39.14695	180.94513	13.24813	0.0955654	0.23985926	2.5654588	20	3 7.8	19.9
369749 2012 FT_{41}	16.9	X	1.37817	221.34515	74.99158	4.63452	0.1845408	0.26577702	2.3958397	20	8 25.6	18.8
369750 2012 FA_{53}	16.9	X	121.40895	85.96008	109.19303	6.13622	0.0339317	0.28600875	2.2814792	20	9 13.2	19.8
369751 2012 FS_{58}	17.5	X	354.71785	108.42275	52.83251	3.97795	0.0730104	0.23158350	2.6262192	20	1 22.4	20.6
369752 2012 FE_{63}	17.5	X	325.42244	110.84820	128.14440	7.70179	0.1087084	0.24330567	2.5411750	20	3 18.5	20.5
369753 2012 FU_{63}	16.4	X	110.46118	242.78934	17.70688	6.69817	0.1378879	0.17846197	3.1244406	20	11 10.1	21.3
369754 2012 FJ_{70}	15.5	X	59.68689	252.46948	60.21203	12.10959	0.1423498	0.17197627	3.2025090	20	11 20.6	20.0
369755 2012 FQ_{70}	17.2	X	301.73770	227.38124	103.91541	2.87680	0.1334959	0.26554929	2.3972093	20	6 14.1	19.7
369756 2012 FG_{72}	16.1	X	7.20051	227.63969	300.90042	10.95350	0.2380075	0.23880212	2.5730246	20	2 2.9	18.0
369757 2012 FP_{72}	16.6	X	330.66807	315.55972	241.07507	4.63452	0.1863339	0.23353894	2.6115390	20	1 14.9	19.7
369758 2012 FT_{74}	16.8	X	16.73063	189.02335	334.35095	13.97872	0.1361728	0.24117715	2.5561045	20	2 23.9	19.2
369759 2012 FW_{74}	16.2	X	141.96695	294.94377	325.56248	6.43855	0.2239267	0.18304091	3.0721136	20	12 10.3	21.6
369760 2012 FX_{74}	15.9	X	281.98177	308.93664	229.53942	8.11059	0.0878218	0.21022651	2.8012018	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369761 2012 FJ_{76}	15.2	X	97.33258	133.25638	155.89447	26.86338	0.2450531	0.17389063	3.1789615	20	12 12.9	21.0
369762 2012 FR_{76}	17.7	X	155.50753	323.26732	165.55675	3.16291	0.0760208	0.27659390	2.3329619	20	7 22.4	20.8
369763 2012 FG_{77}	17.5	X	178.07651	155.88734	24.94222	1.55074	0.0622670	0.29797583	2.2199781	20	11 2.7	20.3
369764 2012 FK_{77}	17.6	X	130.40620	311.24390	242.74472	2.24591	0.0967618	0.28815755	2.2701229	20	9 22.1	20.7
369765 2012 FL_{78}	17.0	X	105.23718	108.89972	55.34897	3.31744	0.1061891	0.26853880	2.3793848	20	7 14.2	20.1
369766 2012 GZ	16.6	X	304.20307	182.31054	43.69906	2.82709	0.0904118	0.23041417	2.6350969	20	2 3.2	20.0
369767 2012 GK_{4}	17.5	X	163.86399	294.31823	197.24985	6.63067	0.0569014	0.27512640	2.3412504	20	8 3.7	20.8
369768 2012 GA_{8}	16.9	X	193.59616	81.74613	209.52050	7.24774	0.1339047	0.21354483	2.7721071	20	—	—
369769 2012 GF_{11}	17.3	X	223.99805	239.12304	201.69159	6.16006	0.0695200	0.28050216	2.3112411	20	8 8.1	20.5
369770 2012 GS_{12}	15.8	X	150.72074	158.16442	177.16032	15.57573	0.1488339	0.20596226	2.8397337	20	1 9.7	20.5
369771 2012 GR_{13}	16.5	X	6.13285	32.52754	151.89217	12.92468	0.0913925	0.23425162	2.6062395	20	3 10.4	19.5
369772 2012 GD_{21}	16.4	X	146.17709	278.05263	159.55196	11.14867	0.0636260	0.24776972	2.5105597	20	5 4.6	20.1
369773 2012 GM_{21}	16.2	X	269.83214	336.71009	158.48316	16.92880	0.0593351	0.18349776	3.0670124	20	12 8.3	20.7
369774 2012 GA_{23}	16.4	X	35.53214	2.19832	106.44731	14.57538	0.1596031	0.22212008	2.7002927	20	1 17.7	19.1
369775 2012 GG_{23}	16.0	X	341.61623	312.75487	281.54717	12.29705	0.1337612	0.24406071	2.5359312	20	3 24.3	19.1
369776 2012 GH_{23}	16.5	X	314.73711	262.18412	335.30589	10.96188	0.1283609	0.23573629	2.5952852	20	2 24.6	19.6
369777 2012 GK_{23}	15.7	X	147.90226	321.29934	266.81304	4.08472	0.2185396	0.17647705	3.1478248	20	11 7.1	21.0
369778 2012 GS_{26}	16.8	X	287.89573	311.50814	318.92332	1.30749	0.0424438	0.23737011	2.5833625	20	3 15.3	20.1
369779 2012 GU_{26}	16.7	X	152.48547	131.59795	231.85800	5.48745	0.0284753	0.22308831	2.6924739	20	1 30.6	20.6
369780 2012 GP_{28}	16.0	X	134.39835	188.25468	129.06456	10.95596	0.1017524	0.19517258	2.9434513	20	—	—
369781 2012 GO_{29}	16.4	X	154.40213	220.04082	35.65187	0.23393	0.1851932	0.18630777	3.0360953	20	12 15.5	21.6
369782 2012 GX_{29}	17.5	X	154.65584	344.61469	185.19428	5.46638	0.0412814	0.28388064	2.2928670	20	9 17.4	20.5
369783 2012 GJ_{30}	17.6	X	130.36373	317.63885	221.24346	1.51673	0.1384017	0.28151732	2.3056814	20	9 3.1	21.0
369784 2012 GJ_{31}	17.0	X	358.47459	47.80399	137.46171	4.66230	0.1656544	0.23653766	2.5894201	20	2 19.6	19.6
369785 2012 GK_{32}	17.2	X	294.48725	67.62035	210.53152	4.56282	0.1035883	0.24289594	2.5440319	20	3 23.9	20.4
369786 2012 GV_{34}	16.8	X	163.67205	12.65031	230.82106	8.82276	0.1037370	0.18575574	3.0421075	20	12 11.6	21.5
369787 2012 GJ_{38}	15.4	X	75.84858	222.18532	97.57491	11.79674	0.0887230	0.17857966	3.1230676	20	12 12.1	20.0
369788 2012 HZ_{8}	15.8	X	216.60775	44.17462	160.17764	11.70753	0.0538869	0.19313247	2.9641433	20	12 27.3	20.2
369789 2012 HT_{11}	16.2	X	306.99086	332.44514	179.86029	12.40585	0.0531657	0.20147836	2.8817112	20	—	—
369790 2012 HA_{13}	15.9	X	219.56796	65.44952	103.22692	12.06429	0.0595467	0.17704787	3.1410553	20	11 17.3	20.6
369791 2012 HW_{17}	16.6	X	94.41656	153.57663	163.19540	9.22362	0.0152218	0.18400384	3.0613862	20	12 22.1	21.1
369792 2012 HB_{18}	16.1	X	95.32895	171.76781	133.43044	10.52701	0.0492036	0.17938886	3.1136687	20	12 12.7	20.8
369793 2012 HL_{18}	16.1	X	130.04211	217.76204	112.99783	10.62519	0.0644253	0.19910276	2.9045879	20	—	—
369794 2012 HH_{21}	16.1	X	244.53293	328.12275	280.97136	7.60624	0.1502351	0.21573954	2.7532748	20	—	—
369795 2012 HX_{23}	16.3	X	240.41083	353.65553	171.67871	9.91627	0.0890366	0.18357484	3.0661539	20	12 2.9	20.8
369796 2012 HT_{26}	16.3	X	180.89380	16.75473	199.85671	10.32521	0.0721274	0.18256712	3.0774264	20	11 29.3	21.0
369797 2012 HV_{26}	16.8	X	221.62731	103.27689	154.77529	3.53164	0.0605944	0.20867309	2.8150866	20	—	—
369798 2012 HX_{26}	16.8	X	51.37491	323.40786	173.08883	4.27496	0.0806705	0.23642267	2.5902596	20	3 15.9	19.7
369799 2012 HK_{27}	16.1	X	71.75820	328.51129	156.99336	13.63151	0.1061282	0.23947839	2.5681783	20	4 8.1	19.3
369800 2012 HS_{28}	15.6	X	69.06376	237.16473	91.21925	11.16733	0.2180050	0.17469521	3.1691933	20	12 27.6	20.4
369801 2012 HU_{31}	16.3	X	174.02864	49.19969	171.03316	12.94331	0.1396838	0.18123851	3.0924479	20	11 24.4	21.5
369802 2012 HA_{33}	16.8	X	156.89917	117.83815	157.11426	11.69335	0.0484858	0.19227941	2.9729038	20	—	—
369803 2012 HZ_{39}	15.5	X	160.32157	54.46990	169.00613	25.69739	0.1978504	0.17778431	3.1323751	20	11 16.3	21.2
369804 2012 HR_{40}	16.6	X	271.04651	192.52889	91.04272	3.73967	0.0406794	0.23409878	2.6073737	20	3 13.9	20.1
369805 2012 HJ_{41}	15.7	X	157.87551	5.68878	220.58014	7.87260	0.0785392	0.17994780	3.1072178	20	11 15.9	20.5
369806 2012 HU_{41}	15.9	X	157.27438	34.01694	189.96736	17.33526	0.1698424	0.17708794	3.1405815	20	11 12.7	21.2
369807 2012 HR_{42}	16.8	X	325.61179	30.68223	156.65589	5.26673	0.0718181	0.22545699	2.6735824	20	1 14.8	20.2
369808 2012 HY_{44}	16.0	X	161.40830	25.13804	206.81909	9.52479	0.0347289	0.17940756	3.1134523	20	11 27.6	20.6
369809 2012 HE_{47}	16.3	X	249.59181	111.78798	137.08247	5.60328	0.0717668	0.21292784	2.7774596	20	1 3.1	20.3
369810 2012 HR_{47}	16.6	X	309.50926	90.02430	151.88636	11.86583	0.1404175	0.23733716	2.5836016	20	2 21.1	19.6
369811 2012 HH_{52}	16.8	X	164.92250	111.55540	224.12285	4.22778	0.0245649	0.21641110	2.7475759	20	1 12.8	20.6
369812 2012 HJ_{53}	16.8	X	212.71925	144.78127	171.75317	11.12043	0.1341051	0.22417823	2.6837399	20	2 10.9	21.3
369813 2012 HK_{53}	15.4	X	44.34604	264.34524	69.26618	13.38687	0.0702802	0.17585945	3.1551904	20	11 19.4	19.7
369814 2012 HT_{53}	15.9	X	126.84554	81.65816	186.13382	10.14208	0.0630195	0.18165954	3.0876679	20	12 3.7	20.7
369815 2012 HD_{55}	17.5	X	36.36105	161.69937	93.45086	3.08801	0.1830062	0.26436107	2.4043871	20	8 29.9	20.0
369816 2012 HP_{55}	16.5	X	266.27370	309.55150	331.21617	6.44111	0.1018007	0.23315869	2.6143776	20	2 23.8	20.1
369817 2012 HZ_{59}	17.5	X	13.72591	264.40233	204.77722	7.75831	0.3165882	0.22517915	2.6757812	20	—	—
369818 2012 HB_{60}	16.4	X	141.78409	218.25508	61.45925	1.98519	0.1429063	0.18635244	3.0356102	20	—	—
369819 2012 HD_{60}	15.7	X	24.85009	87.57975	210.20248	6.96337	0.1602157	0.15223096	3.4737673	20	9 13.8	20.1
369820 2012 HP_{63}	14.9	X	87.15627	238.70973	48.40040	22.77448	0.1165140	0.17259824	3.1948107	20	11 15.7	19.8
369821 2012 HJ_{64}	17.4	X	330.05951	155.04465	98.60806	1.95202	0.0347453	0.24421888	2.5348361	20	4 22.3	20.4
369822 2012 HY_{65}	16.1	X	220.89286	46.85269	233.05096	12.07293	0.1353129	0.21496905	2.7598496	20	1 6.7	20.7
369823 2012 HL_{66}	16.4	X	227.52619	69.35069	95.03547	9.92182	0.0818829	0.18187606	3.0852169	20	11 18.3	20.9
369824 2012 HP_{70}	16.2	X	95.27820	85.56345	195.64090	16.86750	0.1122752	0.17288137	3.1913217	20	11 19.5	21.2
369825 2012 HN_{71}	16.6	X	123.50633	4.23512	279.74673	0.83334	0.1671293	0.17845098	3.1245688	20	12 21.1	21.7
369826 2012 HZ_{73}	17.3	X	15.86654	94.31408	26.59267	2.80886	0.0897493	0.21972269	2.7198990	20	1 1.8	20.6
369827 2012 HV_{79}	16.7	X	356.89710	225.07141	332.89025	3.44151	0.1014581	0.23862364	2.5743074	20	3 10.2	19.6
369828 2012 HM_{81}	17.2	X	28.70555	291.41138	209.95131	4.74239	0.0080005	0.22361281	2.6882620	20	2 14.4	20.8
369829 2012 HL_{84}	15.8	X	191.79204	229.43990	109.29985	32.52883	0.2273541	0.22798059	2.6538160	20	2 25.9	20.8
369830 2012 JS	16.2	X	44.61145	278.15636	233.07763	12.12441	0.0939474	0.23620346	2.5918621	20	3 22.1	19.3
369831 2012 JC_{4}	16.0	X	106.54545	126.46428	174.03481	7.40638	0.1450639	0.17491629	3.1665222	20	12 23.6	21.2
369832 2012 JA_{6}	15.7	X	242.08536	324.37946	181.35823	27.82140	0.1499884	0.17581321	3.1557436	20	11 2.8	20.6
369833 2012 JB_{8}	17.1	X	350.97762	248.67421	45.77400	6.13878	0.1220612	0.25891674	2.4379753	20	7 25.4	19.5
369834 2012 JV_{10}	15.6	X	97.30872	112.61990	166.69187	10.62424	0.1645418	0.17070519	3.2183867	20	11 23.9	20.8
369835 2012 JW_{13}	16.2	X	124.14882	93.00900	218.07987	9.33319	0.1110132	0.18898285	3.0073764	20	—	—
369836 2012 JH_{15}	16.9	X	275.80721	198.07417	11.26777	1.86002	0.0398030	0.20896441	2.8124695	20	—	—
369837 2012 JR_{16}	16.9	X	208.11268	153.28013	174.52933	6.12990	0.0205320	0.22616816	2.6679749	20	2 22.0	20.5
369838 2012 JD_{17}	17.1	X	247.49501	224.26267	147.96899	4.22022	0.1473637	0.25536056	2.4605574	20	5 26.1	20.6
369839 2012 JP_{19}	16.5	X	224.85122	169.22799	95.94327	4.95833	0.0546062	0.20997216	2.8034635	20	—	—
369840 2012 JU_{22}	15.6	X	159.02652	174.11311	81.40433	13.51798	0.1017674	0.18706578	3.0278881	20	12 21.1	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369841 2012 JD_{26}	15.7	X	121.08394	227.34198	132.81049	6.60977	0.0742828	0.20274428	2.8697031	20	—	—
369842 2012 JY_{29}	16.7	X	139.12027	11.71318	285.32783	0.98554	0.0538273	0.18908456	3.0062979	20	—	—
369843 2012 JH_{34}	16.7	X	128.93662	7.67768	328.09114	1.14775	0.0697750	0.19848683	2.9105937	20	—	—
369844 2012 JO_{38}	17.7	X	184.07474	339.64817	162.95728	4.45794	0.1718648	0.28663634	2.2781478	20	9 9.3	20.9
369845 2012 JV_{38}	16.7	X	169.90797	177.98900	162.40087	3.62603	0.0984041	0.21463492	2.7627131	20	1 30.5	21.0
369846 2012 JJ_{41}	16.8	X	43.22046	257.02253	222.34618	9.55506	0.1627819	0.23111813	2.6297434	20	2 10.6	19.7
369847 2012 JR_{45}	16.1	X	151.13490	14.17624	218.80219	4.92995	0.1363741	0.17183210	3.2043001	20	11 15.5	21.3
369848 2012 JV_{45}	16.8	X	114.62242	299.94357	94.72575	3.19105	0.0278541	0.21423750	2.7661287	20	1 26.8	20.5
369849 2012 JP_{48}	17.1	X	310.31082	55.99763	161.66483	4.09980	0.1189373	0.22687935	2.6623965	20	1 26.0	20.6
369850 2012 JG_{49}	17.4	X	231.48985	52.09799	271.78557	2.78016	0.0425430	0.23108558	2.6299903	20	3 13.9	21.0
369851 2012 JD_{50}	16.3	X	175.14766	225.24168	164.66101	10.17887	0.0926198	0.23217945	2.6217234	20	4 6.7	20.2
369852 2012 JA_{51}	17.0	X	237.24492	206.54732	143.87366	8.01574	0.1080225	0.24466326	2.5317659	20	4 22.3	20.8
369853 2012 JY_{52}	16.6	X	128.93171	157.81848	218.83636	4.47669	0.0667829	0.21595898	2.7514093	20	1 25.3	20.5
369854 2012 JO_{58}	16.8	X	123.96706	273.40401	97.08959	1.48847	0.0861868	0.21448660	2.7639867	20	1 16.1	20.6
369855 2012 JD_{60}	16.7	X	188.58879	228.93178	116.44009	6.65286	0.0474176	0.22155438	2.7048871	20	2 24.6	20.5
369856 2012 JV_{61}	16.2	X	99.60026	157.01087	201.13041	9.18583	0.0618606	0.19353705	2.9600109	20	—	—
369857 2012 JE_{63}	16.8	X	147.67353	162.69526	191.79243	3.16256	0.0880407	0.21415565	2.7668335	20	1 22.9	20.7
369858 2012 JJ_{63}	16.8	X	246.70541	88.56857	66.64530	3.86875	0.0419638	0.18404785	3.0608982	20	12 3.4	21.1
369859 2012 JT_{64}	16.6	X	93.80126	223.43952	198.65015	6.03876	0.0359416	0.21458446	2.7631463	20	2 2.6	20.3
369860 2012 JE_{65}	15.8	X	73.11023	89.47216	235.92118	13.39786	0.0442197	0.17508798	3.1644519	20	12 8.7	20.3
369861 2012 KN_{6}	16.5	X	171.18081	42.75746	197.93871	10.94344	0.0478609	0.18704130	3.0281522	20	12 18.7	21.1
369862 2012 KH_{10}	16.2	X	83.91548	163.64466	202.46544	8.36617	0.1002679	0.19044606	2.9919527	20	—	—
369863 2012 KK_{15}	17.2	X	168.27672	136.46667	201.62596	5.80895	0.0487497	0.21120949	2.7925037	20	1 21.9	21.4
369864 2012 KK_{17}	16.5	X	136.39060	236.55448	135.18074	4.57341	0.1127669	0.20931709	2.8093095	20	2 4.7	20.5
369865 2012 KL_{17}	15.7	X	207.99844	345.43243	216.70851	8.83168	0.1091948	0.18190137	3.0849306	20	12 6.5	20.4
369866 2012 KA_{20}	17.1	X	140.13588	293.82358	149.77684	2.39284	0.0683261	0.24695941	2.5160484	20	5 3.2	20.5
369867 2012 KK_{21}	16.5	X	177.52513	197.24213	93.56439	6.37757	0.0694769	0.20192083	2.8774998	20	—	—
369868 2012 KM_{25}	16.5	X	244.61861	220.48211	119.92199	5.40070	0.2398087	0.23861684	2.5743563	20	4 5.7	20.8
369869 2012 KR_{27}	16.7	X	265.78943	93.12465	153.61265	3.37498	0.0287841	0.21594649	2.7515154	20	1 22.3	20.4
369870 2012 KV_{29}	15.9	X	222.08067	343.52657	186.69739	9.48986	0.0430426	0.18103973	3.0947111	20	11 22.8	20.4
369871 2012 KV_{30}	15.9	X	160.07959	91.03795	166.70327	4.32670	0.1118014	0.18090379	3.0962613	20	12 23.4	20.8
369872 2012 KA_{41}	17.1	X	161.52297	234.01767	175.67964	8.94512	0.0968641	0.24260837	2.5460418	20	4 16.6	20.8
369873 2012 KC_{44}	16.3	X	62.46877	315.04671	129.63817	5.33109	0.0426178	0.21349665	2.7725242	20	1 23.3	19.7
369874 2012 KN_{45}	15.7	X	347.98786	249.44900	173.31038	26.36653	0.0890690	0.17820307	3.1274660	20	12 24.6	20.3
369875 2012 KV_{48}	16.2	X	128.77510	278.53954	130.72016	4.17260	0.0756678	0.22106422	2.7088840	20	3 8.9	20.0
369876 2012 KG_{50}	15.6	X	99.34494	205.92150	140.99085	10.24065	0.1090008	0.18603380	3.0390755	20	—	—
369877 2012 LK_{4}	18.1	X	59.54590	76.47414	177.84287	1.15136	0.1908432	0.26768560	2.3844380	20	10 1.0	21.1
369878 2012 LB_{7}	16.1	X	226.85359	3.75307	191.64334	9.05951	0.0545405	0.18356143	3.0663031	20	12 25.6	20.6
369879 2012 LR_{10}	16.6	X	135.87478	274.60788	175.52142	16.67325	0.0762945	0.23932075	2.5693059	20	5 10.2	20.5
369880 2012 LO_{26}	16.5	X	304.06426	177.06669	119.73474	16.31232	0.1341401	0.24433557	2.5340290	20	5 5.9	20.0
369881 2012 MF_{6}	13.0	X	4.07494	325.64267	250.94442	27.07332	0.0425281	0.08392482	5.1666507	20	4 25.6	19.9
369882 2012 MH_{8}	15.5	X	58.98269	292.41290	107.44374	15.22157	0.0714625	0.17837088	3.1255041	20	—	—
369883 2012 QR_{18}	17.4	X	103.76879	211.30847	125.05622	8.72173	0.2762546	0.29054831	2.2576528	20	—	—
369884 2012 QC_{23}	16.7	X	238.65421	214.58484	179.94329	8.56364	0.1532571	0.22341017	2.6898873	20	6 13.4	20.9
369885 2012 QM_{28}	16.6	X	274.42712	12.20402	344.58205	5.75075	0.0381833	0.22516199	2.6759172	20	6 23.7	20.2
369886 2012 RM_{6}	12.8	X	172.62570	52.42909	1.21779	26.00900	0.0667695	0.08257088	5.2229770	20	4 25.1	20.2
369887 2012 RZ_{19}	16.3	X	272.05835	130.43602	224.48009	12.61373	0.2272723	0.22514090	2.6760843	20	5 20.7	20.2
369888 2012 RV_{27}	17.3	X	1.30081	135.83420	198.71938	5.67922	0.1449425	0.25373637	2.4710464	20	10 15.4	19.8
369889 2012 RT_{31}	15.9	X	179.52740	6.52091	15.16469	9.40747	0.0397436	0.20101665	2.8861220	20	3 30.8	20.1
369890 2012 TN_{27}	16.4	X	92.12045	12.06654	204.07990	14.03292	0.1886643	0.23544000	2.5974621	20	9 9.4	20.5
369891 2012 TY_{31}	15.4	X	272.62579	228.79780	15.64839	11.79207	0.0039789	0.17712923	3.1400933	20	2 10.6	20.0
369892 2012 TT_{66}	16.2	X	137.72931	27.70478	15.94395	7.69565	0.0583651	0.18204001	3.0833641	20	3 14.5	20.6
369893 2012 TW_{72}	16.8	X	276.22449	293.82984	337.32421	4.33513	0.2781677	0.20229175	2.8739813	20	2 7.8	21.5
369894 2012 TM_{120}	17.2	X	286.32403	232.27206	254.51977	4.01517	0.0121042	0.26933669	2.3746833	20	—	—
369895 2012 TT_{133}	16.9	X	345.76356	144.55380	135.90636	6.01884	0.1357536	0.22576489	2.6711511	20	6 18.4	19.8
369896 2012 TC_{210}	15.7	X	233.69002	244.35013	45.16577	10.28137	0.0404606	0.18576983	3.0419537	20	2 14.2	20.3
369897 2012 TY_{229}	16.3	X	311.17185	343.79862	248.79989	8.23931	0.0326857	0.18832242	3.0144034	20	2 29.1	20.7
369898 2012 TU_{271}	16.6	X	148.25757	350.50440	82.26654	3.20413	0.0401814	0.20463314	2.8520168	20	4 27.9	20.7
369899 2012 TO_{288}	16.2	X	13.97371	22.13418	243.27563	12.31408	0.1202956	0.22580736	2.6708161	20	7 16.4	19.4
369900 2012 UD_{2}	18.1	X	140.80045	138.30339	155.76086	3.15457	0.1780400	0.28481922	2.2878270	20	—	—
369901 2012 UA_{50}	17.8	X	316.90175	352.01386	108.84335	3.47245	0.1437057	0.26185060	2.4197305	20	—	—
369902 2012 UE_{132}	16.0	X	121.75367	217.26874	299.71977	8.28680	0.0961085	0.21523353	2.7575883	20	7 19.5	20.1
369903 2012 UN_{167}	17.2	X	53.31617	178.43913	186.04977	6.20396	0.1623285	0.26933258	2.3747075	20	—	—
369904 2012 VT_{100}	16.2	X	231.26107	179.82846	123.75826	2.60606	0.1728250	0.18346148	3.0674167	20	2 16.7	21.2
369905 2013 AQ_{30}	16.7	X	63.42217	91.38762	179.36628	8.13318	0.0905809	0.22737794	2.6585030	20	10 7.8	20.4
369906 2013 AF_{57}	15.6	X	196.72907	296.43240	106.71023	11.28448	0.0374053	0.17850679	3.1239175	20	5 20.2	20.3
369907 2013 AA_{81}	16.5	X	288.18387	258.05502	98.99770	3.22861	0.0139650	0.19789461	2.9163977	20	7 15.2	20.4
369908 2013 AS_{121}	16.9	X	296.09250	291.35530	312.82706	6.37997	0.0767309	0.29039110	2.2584675	20	2 8.3	19.7
369909 2013 BW_{25}	15.6	X	9.73835	131.77588	134.13969	12.87882	0.1221136	0.17902066	3.1179366	20	7 9.3	19.5
369910 2013 CW_{45}	16.6	X	242.75480	254.74767	293.74814	8.65031	0.1000202	0.23917029	2.5703833	20	—	—
369911 2013 CF_{162}	17.3	X	173.54995	112.42741	161.65707	13.08241	0.1712571	0.23507824	2.6001262	20	—	—
369912 2013 CQ_{165}	16.1	X	26.02775	125.30577	149.59387	1.17004	0.1515560	0.17863481	3.1224248	20	8 21.7	19.8
369913 2013 CG_{174}	17.8	X	52.62561	140.52811	306.95804	4.03004	0.1591961	0.27000912	2.3707391	20	1 7.9	19.7
369914 2013 CF_{176}	16.2	X	227.25734	171.94373	356.22433	14.52116	0.0379740	0.23056525	2.6339457	20	12 3.8	20.1
369915 2013 CJ_{176}	18.1	X	73.46816	335.90364	130.66775	3.98515	0.1282848	0.28425141	2.2908728	20	3 10.9	20.4
369916 2013 CO_{180}	15.4	X	242.64421	29.51645	291.76722	8.84040	0.0725022	0.15591246	3.4188666	20	3 23.6	20.6
369917 2013 CH_{196}	14.3	X	264.03394	2.54555	98.50593	7.52364	0.0710007	0.08296112	5.2065851	20	10 3.6	21.2
369918 2013 CJ_{204}	17.1	X	11.25451	5.97366	4.02825	5.86146	0.0611133	0.22451603	2.6810474	20	11 28.9	20.5
369919 2013 CU_{210}	17.1	X	107.47043	69.21771	214.52478	1.67658	0.1260593	0.22730072	2.6591051	20	12 13.7	21.2
369920 2013 CJ_{217}	16.9	X	333.48295	293.13212	106.38777	6.05162	0.0663525	0.21585126	2.7523247	20	11 14.2	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
369921 2013 EN_{34}	16.5	X	76.73298	199.19682	101.75197	4.67407	0.0747218	0.21025967	2.8009072	20	11 25.5	20.6
369922 2013 EV_{35}	16.1	X	164.01595	271.67123	176.31571	15.68562	0.2219501	0.17574294	3.1565847	20	6 10.4	21.8
369923 2013 EX_{36}	16.4	X	64.96636	230.15549	154.05498	8.22232	0.0868958	0.24263884	2.5458287	20	—	—
369924 2013 ER_{39}	16.5	X	315.59697	307.47937	110.75438	5.67683	0.0191124	0.21230811	2.7828619	20	11 12.3	20.2
369925 2013 EZ_{56}	16.1	X	105.54477	344.62184	160.69196	5.68497	0.0973022	0.16806533	3.2520006	20	6 14.7	20.9
369926 2013 EP_{80}	15.8	X	225.60847	260.72298	152.60042	11.40973	0.0701896	0.17935131	3.1141033	20	6 29.9	20.6
369927 2013 EL_{86}	15.5	X	175.51995	313.31631	134.32344	17.31483	0.1237707	0.17340792	3.1848582	20	6 19.4	20.8
369928 2013 EZ_{91}	16.5	X	258.00370	331.83889	204.09247	8.73849	0.1588802	0.23071510	2.6328051	20	—	—
369929 2013 ER_{97}	16.8	X	45.66786	229.43248	171.69996	4.22465	0.0424436	0.24030735	2.5622687	20	—	—
369930 2013 EE_{99}	16.4	X	285.35941	223.74609	178.74382	11.95236	0.0549141	0.19416568	2.9536185	20	9 1.8	20.4
369931 2013 EZ_{99}	16.0	X	54.44572	95.16898	158.90402	15.80734	0.0618017	0.18268645	3.0760861	20	8 23.1	20.2
369932 2013 EH_{110}	16.0	X	64.26666	77.91714	167.88763	11.99826	0.1106093	0.18106639	3.0944074	20	9 1.4	20.2
369933 2013 EG_{114}	16.3	X	127.36374	219.30229	71.08952	13.51209	0.0899717	0.22335973	2.6902923	20	—	—
369934 2013 EY_{126}	17.6	X	293.19963	290.47273	210.44737	20.42775	0.0812258	0.37126595	1.9172525	20	—	—
369935 2013 GQ_{7}	17.6	X	298.24222	299.37449	231.22825	4.55668	0.0991667	0.24222065	2.5487580	20	—	—
369936 2013 GM_{27}	16.3	X	65.92322	188.20993	149.21571	6.68356	0.0445700	0.21534197	2.7566625	20	12 24.4	20.2
369937 2013 GX_{37}	16.3	X	209.00895	146.43255	64.31369	12.05286	0.0816229	0.21920504	2.7241794	20	12 28.7	20.2
369938 2013 GV_{54}	16.8	X	229.05317	173.48987	72.39485	5.27888	0.1676324	0.23657489	2.5891484	20	—	—
369939 2013 GL_{61}	17.3	X	312.15221	29.44380	186.84071	4.79835	0.2050024	0.26196201	2.4190444	20	1 8.1	20.6
369940 2013 GX_{71}	15.3	X	28.90282	224.50599	61.15494	27.68171	0.1697459	0.17217369	3.2000605	20	9 29.9	20.0
369941 2013 GW_{72}	16.1	X	124.39303	119.27538	78.39545	14.11375	0.2524600	0.18365306	3.0652832	20	9 25.7	21.6
369942 2013 GQ_{81}	16.4	X	277.14637	348.34096	174.57978	11.42895	0.1806826	0.23278906	2.6171443	20	—	—
369943 2013 GB_{88}	16.1	X	259.57979	359.54660	117.64775	7.46235	0.0282783	0.20614918	2.8380169	20	11 12.2	20.0
369944 2013 GM_{88}	15.7	X	55.38910	243.96228	170.22811	11.49066	0.1730548	0.24481334	2.5307311	20	—	—
369945 2013 GY_{95}	15.3	X	44.71241	237.19410	68.89101	10.43516	0.1768366	0.18379133	3.0637456	20	11 4.3	19.5
369946 2013 GW_{98}	16.0	X	146.67387	329.89123	205.07464	10.71950	0.0973094	0.18408114	3.0605291	20	9 1.4	20.9
369947 2013 GA_{110}	15.5	X	24.91886	287.82839	33.34182	19.04767	0.1418489	0.18541758	3.0458051	20	10 21.2	19.3
369948 2013 GW_{111}	16.8	X	176.02140	203.21786	91.14041	14.63922	0.1486648	0.23253994	2.6190132	20	—	—
369949 2013 HW	15.2	X	51.27252	228.33677	60.92735	17.99174	0.2033693	0.17949268	3.1124680	20	10 28.6	19.7
369950 2013 HJ_{2}	16.7	X	304.97887	235.69746	53.21686	8.05595	0.1277521	0.28202789	2.3028979	20	4 19.3	19.3
369951 2013 HH_{15}	16.1	X	183.99690	164.99802	93.05175	15.27582	0.1540635	0.22332013	2.6906103	20	—	—
369952 2013 HF_{41}	17.8	X	182.51104	48.43742	350.61082	4.19176	0.0736866	0.28293741	2.2979600	20	4 19.9	21.1
369953 2013 JK_{16}	15.8	X	5.82392	144.01766	169.31742	9.67098	0.0787138	0.17464634	3.1697843	20	8 31.8	19.8
369954 2013 JO_{35}	16.3	X	176.41144	164.76394	122.86626	10.80922	0.1472416	0.22423249	2.6833070	20	—	—
369955 2013 MK_{3}	17.1	X	354.85526	230.80940	82.93725	6.34855	0.2938420	0.28564897	2.2833945	20	10 5.1	18.4
369956 6241 $P–L$	16.3	X	64.26595	177.98846	199.55158	10.08948	0.2254281	0.18497248	3.0506892	20	—	—
369957 1993 TX_{35}	17.5	X	327.02777	354.47874	29.70368	3.50260	0.1898526	0.29299457	2.2450689	20	11 6.6	19.0
369958 1993 TV_{45}	17.0	X	200.32919	355.83610	52.45988	6.27068	0.2408119	0.24427223	2.5344671	20	5 20.1	21.5
369959 1994 RW_{8}	16.3	X	135.02874	351.65777	351.39211	8.16366	0.0735597	0.20451106	2.8531516	20	—	—
369960 1994 RC_{9}	17.2	X	104.29705	107.51485	282.82638	0.83450	0.0828721	0.20561433	2.8429363	20	1 17.3	21.0
369961 1994 SL_{12}	17.0	X	334.46440	276.44127	14.09615	9.84110	0.1219084	0.25930933	2.4355139	20	6 11.7	19.6
369962 1994 UY_{8}	16.7	X	105.42217	19.81254	347.64580	4.65662	0.0685039	0.20148177	2.8816786	20	—	—
369963 1995 OE_{3}	16.0	X	179.10090	127.88659	279.59644	11.03434	0.1556905	0.22676117	2.6633215	20	4 28.8	20.5
369964 1995 SY_{31}	18.4	X	333.60610	291.89550	21.92385	1.34237	0.1957476	0.27374594	2.3491149	20	7 15.3	19.9
369965 1995 SA_{87}	18.5	X	290.80069	1.72088	34.10349	0.66480	0.2069516	0.27515494	2.3410885	20	8 22.3	20.5
369966 1995 UD_{21}	18.0	X	326.12780	320.92712	355.03348	1.36662	0.1983887	0.27101633	2.3648617	20	6 28.8	19.9
369967 1995 UP_{21}	17.2	X	101.12442	59.58680	17.95502	5.07373	0.1417113	0.21617022	2.7496166	20	3 20.6	21.0
369968 1995 UN_{24}	17.5	X	292.85980	148.14280	209.92444	10.72267	0.2217110	0.26983439	2.3717624	20	6 23.1	20.3
369969 1995 WR_{11}	16.7	X	101.17271	337.24023	99.29501	5.95748	0.1016064	0.21425790	2.7659532	20	3 15.8	20.5
369970 1996 AS_{18}	17.6	X	166.25800	293.29462	176.21522	6.32623	0.0751830	0.25921073	2.4361316	20	7 7.4	21.2
369971 1996 GU_{5}	16.2	X	332.81095	87.08766	58.28110	5.88673	0.0541793	0.19580171	2.9371428	20	—	—
369972 1996 RT_{14}	17.7	X	196.05373	356.57159	354.68244	6.58754	0.2849551	0.23115221	2.6294849	20	3 10.3	22.5
369973 1996 SE_{1}	17.4	X	195.19135	41.94744	4.29489	3.24351	0.3089384	0.23415295	2.6069716	20	5 12.1	22.1
369974 1996 TV_{35}	17.3	X	276.98572	351.87778	62.76208	6.11012	0.1766626	0.28483541	2.2877403	20	9 5.8	19.7
369975 1996 XZ_{9}	17.4	X	129.81677	49.31832	349.64250	5.18760	0.1081156	0.22322017	2.6914135	20	2 29.2	21.3
369976 1997 AB_{10}	16.9	X	95.10653	323.65540	137.30531	5.78364	0.1150049	0.21948636	2.7218511	20	4 9.6	20.6
369977 1997 JC_{11}	12.9	X	207.39787	272.67904	92.30353	32.08549	0.0272163	0.08265570	5.2194032	20	5 2.9	20.3
369978 1997 SW_{3}	16.5	X	127.20033	77.66348	7.88525	14.97837	0.0526125	0.24033444	2.5620762	20	4 13.9	20.0
369979 1997 SV_{5}	16.0	X	79.84393	351.49440	352.22577	13.52982	0.1783264	0.18248543	3.0783447	20	—	—
369980 1997 TQ_{11}	15.2	X	303.36550	188.68653	157.50281	2.20811	0.2097377	0.12195237	4.0272558	20	6 20.9	20.3
369981 1997 WP_{4}	17.0	X	204.32339	332.48445	50.95630	6.27207	0.1298456	0.24161321	2.5530281	20	4 26.6	20.9
369982 1998 BL_{10}	16.2	X	140.64199	59.00123	336.99691	25.77941	0.0764610	0.22949536	2.6421255	20	3 1.9	20.1
369983 1998 QB_{28}	20.1	X	131.27393	298.03903	341.52318	1.07552	0.3792243	0.32984479	2.0745774	20	—	—
369984 1998 QR_{52}	18.8	X	329.66592	204.30977	316.21304	17.63658	0.2877196	0.92457124	1.0435401	20	—	—
369985 1998 RK_{81}	18.0	X	250.27812	216.79214	175.66216	4.64072	0.1795139	0.26152414	2.4217438	20	6 20.8	21.4
369986 1998 SO	20.6	X	76.80945	359.85199	176.14593	30.34233	0.6985521	1.57526785	0.7315316	20	—	—
369987 1998 SA_{51}	15.9	X	293.58529	342.71847	17.11574	3.07595	0.2367526	0.12476394	3.9665232	20	6 20.1	21.1
369988 1998 SO_{105}	17.4	X	224.06894	41.18450	25.34799	5.83181	0.2774807	0.25957166	2.4338727	20	6 30.1	21.5
369989 1998 WH_{44}	17.5	X	107.45297	301.34863	39.08990	0.78327	0.2560971	0.19110248	2.9850974	20	—	—
369990 1999 AE_{11}	17.1	X	84.91148	29.20534	130.05852	2.95964	0.1292535	0.24558908	2.5253991	20	6 13.1	20.3
369991 1999 AB_{16}	17.3	X	39.36377	222.74005	302.45833	2.28720	0.1811805	0.24006913	2.5639635	20	4 14.4	19.7
369992 1999 EF_{6}	17.7	X	89.88963	112.78196	10.71159	19.56945	0.0570404	0.37564513	1.9023228	20	4 7.5	19.3
369993 1999 RO_{37}	17.5	X	89.66517	269.35572	144.24346	20.04112	0.3144819	0.34935662	1.9965954	20	2 7.4	18.6
369994 1999 RQ_{55}	17.5	X	335.85356	18.10775	349.10257	5.55566	0.3270179	0.28406617	2.2918685	20	11 14.1	18.4
369995 1999 RV_{195}	15.7	X	164.99958	124.27407	253.04702	8.10509	0.4012784	0.21421317	2.7663381	20	3 20.3	21.2
369996 1999 TT_{7}	16.5	X	166.93225	353.70842	29.05084	17.18993	0.3180332	0.21413345	2.7670247	20	4 1.5	21.6
369997 1999 TT_{23}	17.0	X	155.83085	202.95060	171.71410	3.82648	0.1114913	0.21215468	2.7842035	20	2 27.9	21.2
369998 1999 TE_{53}	16.2	X	89.80794	20.07657	3.36548	7.71383	0.0666352	0.20309949	2.8663562	20	—	—
369999 1999 TR_{60}	17.7	X	348.40476	139.62477	204.19211	5.07771	0.2225661	0.28331535	2.2959159	20	10 22.9	19.1
370000 1999 TR_{126}	16.7	X	142.12162	22.31526	7.89053	1.62898	0.2454316	0.21113308	2.7931775	20	3 15.7	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370001 1999 TX_{128}	17.4	X	345.68987	169.82230	195.47635	6.62758	0.2332836	0.28451572	2.2894538	20	11 24.5	19.1
370002 1999 TP_{140}	17.6	X	284.16731	8.00874	14.88481	6.46711	0.1853684	0.27578462	2.3375237	20	7 26.8	20.2
370003 1999 TX_{144}	17.8	X	302.29440	66.55251	298.71230	2.09817	0.2287177	0.27820672	2.3239368	20	7 22.9	19.5
370004 1999 TM_{145}	17.6	X	317.24453	347.03969	12.23587	6.50142	0.2582387	0.27974809	2.3153925	20	8 19.2	18.8
370005 1999 TO_{161}	17.3	X	336.42100	184.87492	156.25377	2.70594	0.2375599	0.28021584	2.3128152	20	9 14.5	18.3
370006 1999 TF_{295}	16.3	X	152.39936	359.23685	354.03564	9.27841	0.0744456	0.21053191	2.7984922	20	1 29.3	20.5
370007 1999 VT_{136}	17.0	X	343.49239	94.27458	226.81491	7.00513	0.1632405	0.27713314	2.3299346	20	8 19.8	18.9
370008 1999 VH_{161}	17.5	X	312.48115	128.51357	241.46098	4.59494	0.2508947	0.27791354	2.3255709	20	8 19.1	18.9
370009 1999 WD_{25}	18.6	X	260.48564	186.73523	235.16250	2.00200	0.2672809	0.27422916	2.3463545	20	7 31.5	21.5
370010 1999 XQ_{252}	18.4	X	291.89499	226.32310	139.31172	1.70661	0.2012917	0.27392048	2.3481169	20	7 7.8	20.9
370011 2000 AD_{42}	17.6	X	251.42665	125.22307	315.17332	4.13261	0.1960720	0.27316229	2.3524598	20	8 25.7	20.6
370012 2000 AO_{129}	17.4	X	188.58844	174.15702	288.58908	6.48178	0.2453791	0.26505265	2.4002029	20	7 18.5	21.6
370013 2000 AY_{212}	15.7	X	69.28719	317.73640	92.18125	13.15417	0.0517126	0.19767520	2.9185553	20	—	—
370014 2000 CW_{74}	17.7	X	172.71512	325.67574	138.08258	3.15360	0.1390455	0.26211445	2.4181064	20	7 7.5	21.5
370015 2000 CE_{143}	15.6	X	32.05860	107.08043	311.97622	9.57057	0.0727471	0.18945219	3.0024074	20	—	—
370016 2000 DS_{17}	17.2	X	227.66140	289.84254	163.14019	10.56707	0.2058514	0.26706765	2.3881148	20	8 12.4	20.8
370017 2000 DE_{67}	16.2	X	206.21037	208.79664	328.13980	5.32035	0.1572531	0.17554301	3.1589811	20	10 28.3	21.2
370018 2000 DC_{87}	16.6	X	193.58442	108.64331	2.56717	8.07590	0.0963071	0.26430463	2.4047294	20	8 13.8	20.1
370019 2000 EW_{33}	16.7	X	94.29294	69.44110	121.08018	9.39980	0.1563803	0.25826824	2.4420546	20	8 12.0	20.1
370020 2000 EH_{51}	16.8	X	334.96742	307.86639	183.06810	2.91080	0.1590707	0.18797423	3.0181246	20	—	—
370021 2000 EO_{51}	16.6	X	35.49972	272.48148	172.52730	6.17486	0.1579321	0.19111555	2.9849613	20	—	—
370022 2000 ES_{123}	16.2	X	60.12157	182.06993	10.16025	6.73708	0.0761637	0.25465351	2.4651098	20	6 14.8	19.2
370023 2000 EH_{178}	17.7	X	175.11944	125.24737	338.38148	2.82566	0.1465354	0.26181510	2.4199492	20	7 10.3	21.3
370024 2000 GF	17.5	X	109.26990	340.94132	176.18507	2.11010	0.1569700	0.25562632	2.4588517	20	7 13.4	21.0
370025 2000 HO_{16}	15.8	X	220.76052	178.65209	12.21844	9.46579	0.1078039	0.17737241	3.1372226	20	12 3.9	20.6
370026 2000 OK_{56}	16.5	X	198.89326	38.70815	337.03632	11.83556	0.2312665	0.23175117	2.6249523	20	4 5.2	21.2
370027 2000 PK_{29}	18.3	X	68.58701	253.08621	31.76260	4.21862	0.2985717	0.30542837	2.1837175	20	12 4.4	21.9
370028 2000 QO_{52}	16.5	X	190.04321	27.13574	339.35407	12.95975	0.2696070	0.22854829	2.6494195	20	3 20.4	21.4
370029 2000 QN_{64}	16.6	X	251.28148	178.19252	109.93827	7.37303	0.3352790	0.23008208	2.6376319	20	2 2.4	21.3
370030 2000 QV_{81}	16.2	X	218.90224	21.94607	343.55071	11.77239	0.1875339	0.23229520	2.6208524	20	4 10.5	20.8
370031 2000 QS_{147}	17.6	X	235.89549	8.60485	319.09492	19.00121	0.0475304	0.38145976	1.8829418	20	3 3.1	19.7
370032 2000 RZ_{18}	16.5	X	206.99955	157.17145	197.07444	12.54360	0.2008208	0.22919589	2.6444265	20	3 20.9	21.1
370033 2000 RB_{105}	16.7	X	198.61738	45.17138	340.05816	11.09604	0.3124592	0.22862763	2.6488065	20	4 15.7	21.8
370034 2000 SB_{3}	16.3	X	237.92691	106.71808	189.26849	28.13292	0.3490173	0.22950455	2.6420549	20	1 28.9	21.8
370035 2000 SB_{5}	16.0	X	170.17420	33.17345	21.14992	33.48808	0.2376157	0.22885354	2.6470631	20	4 25.3	20.8
370036 2000 SH_{7}	16.5	X	158.49786	18.71297	9.22542	14.07426	0.2177438	0.22322375	2.6913847	20	3 24.7	20.9
370037 2000 SV_{20}	19.0	X	344.47128	42.77512	0.47626	26.25147	0.3190656	0.45158798	1.6825751	20	—	—
370038 2000 SN_{27}	16.5	X	175.50387	168.56478	217.26779	14.07414	0.2025590	0.22696553	2.6617226	20	4 1.4	21.0
370039 2000 SO_{39}	17.5	X	26.76295	207.59590	125.56299	4.74824	0.2370290	0.30120312	2.2040921	20	12 19.2	20.2
370040 2000 SC_{44}	17.3	X	190.10929	166.30049	213.12501	20.56531	0.1058315	0.37748515	1.8961359	20	3 25.2	19.8
370041 2000 SL_{69}	16.5	X	258.14300	352.73645	27.01763	11.13660	0.2378507	0.23687466	2.5869636	20	6 2.8	20.5
370042 2000 SV_{69}	16.4	X	181.72803	34.17053	10.88831	12.83900	0.1844189	0.22914124	2.6448470	20	4 28.3	20.9
370043 2000 SX_{81}	16.6	X	123.27498	240.93041	180.13812	12.75626	0.2715592	0.22143203	2.7058834	20	4 8.4	21.0
370044 2000 SY_{131}	16.1	X	202.87011	71.51902	272.82520	11.96907	0.1784806	0.22671281	2.6637002	20	3 1.3	20.8
370045 2000 SA_{138}	16.4	X	187.33656	170.32090	207.45502	15.73092	0.2344350	0.22721016	2.6598117	20	4 2.5	21.0
370046 2000 SN_{152}	17.4	X	14.39748	171.62623	196.59669	4.56915	0.2041071	0.30166429	2.2018452	20	—	—
370047 2000 SJ_{193}	17.5	X	25.74531	337.42859	0.81843	6.54059	0.1473964	0.30278815	2.1963934	20	12 10.8	20.1
370048 2000 SF_{224}	16.6	X	202.58207	358.51069	23.34561	14.39524	0.2288916	0.22927452	2.6438219	20	4 19.3	21.2
370049 2000 SP_{231}	15.5	X	155.76115	103.83852	10.53858	28.86229	0.3534891	0.23215152	2.6219336	20	7 16.3	21.0
370050 2000 SX_{267}	16.1	X	91.32611	80.27772	359.61571	13.76666	0.1163366	0.22171560	2.7035758	20	3 7.9	19.6
370051 2000 SV_{296}	16.4	X	168.02933	94.40371	335.47830	10.67800	0.1732672	0.23026670	2.6362219	20	5 17.0	20.9
370052 2000 SM_{308}	16.2	X	193.72135	343.67545	349.36855	13.89791	0.2611688	0.22352631	2.6889555	20	2 19.6	21.1
370053 2000 SR_{357}	16.6	X	181.84402	244.17023	128.25980	13.07214	0.3263927	0.22609572	2.6685448	20	3 30.6	21.8
370054 2000 TO_{29}	16.4	X	168.42821	34.52267	351.40035	8.37981	0.3581469	0.22386823	2.6862169	20	4 1.2	21.4
370055 2000 TE_{63}	16.2	X	191.47014	134.05375	248.78050	12.07631	0.2726970	0.22805768	2.6532179	20	4 9.4	21.2
370056 2000 UC_{76}	16.5	X	216.64486	325.55161	29.81534	14.56883	0.2437443	0.22761850	2.6566296	20	4 2.3	21.1
370057 2000 UN_{109}	16.0	X	171.41182	184.74859	203.59904	13.15591	0.2960045	0.22377483	2.6869643	20	4 5.4	20.9
370058 2000 VU_{11}	16.3	X	154.84660	330.72856	50.23963	11.66593	0.1487239	0.22072912	2.7116250	20	3 14.0	20.7
370059 2000 WR_{150}	17.3	X	124.29011	166.50101	260.70824	18.74080	0.1018158	0.37146477	1.9165683	20	3 1.9	19.9
370060 2000 WR_{156}	17.0	X	331.96624	63.01976	350.89360	4.69701	0.1358237	0.29810377	2.2193429	20	—	—
370061 2000 YO_{29}	17.7	X	301.66038	309.34144	262.63068	54.61156	0.6935119	0.40299622	1.8152456	20	—	—
370062 2001 AR_{49}	16.2	X	262.49060	352.22874	284.62329	10.30851	0.0422989	0.21226655	2.7832252	20	2 19.8	20.4
370063 2001 BP_{38}	16.7	X	116.15779	96.00745	349.20502	6.18623	0.2889702	0.21673455	2.7448416	20	4 29.9	21.3
370064 2001 BS_{46}	16.3	X	70.98748	231.41744	229.27588	7.57558	0.1768321	0.21141683	2.7906777	20	3 10.9	19.9
370065 2001 CX_{47}	15.9	X	103.26818	123.72670	330.25129	6.49844	0.2776026	0.21646480	2.7471214	20	4 26.9	20.2
370066 2001 FF_{120}	15.7	X	192.30541	220.55426	19.25028	11.11233	0.0516767	0.18769917	3.0210725	20	—	—
370067 2001 FZ_{147}	16.6	X	79.06865	227.32523	355.86694	25.06793	0.1761672	0.27171276	2.3608190	20	9 13.2	19.9
370068 2001 FB_{216}	16.7	X	266.14482	1.14395	185.78844	9.40918	0.0072262	0.19254254	2.9701947	20	—	—
370069 2001 NW_{18}	14.9	X	91.01822	69.23762	272.60264	17.09452	0.1348590	0.17203844	3.2017375	20	—	—
370070 2001 PU_{48}	15.8	X	74.66319	141.44530	225.18757	13.58903	0.2804434	0.17264000	3.1942956	20	—	—
370071 2001 QK_{82}	15.7	X	178.94440	86.73545	344.28044	32.11361	0.3051911	0.24211364	2.5495090	20	5 21.5	21.1
370072 2001 QA_{154}	16.5	X	204.52682	28.21289	11.07263	15.06374	0.2033563	0.24502855	2.5292490	20	5 8.8	21.0
370073 2001 RZ_{64}	17.6	X	248.75124	140.11185	200.82086	10.81465	0.3102442	0.24608605	2.5219979	20	4 1.1	21.8
370074 2001 RW_{83}	17.7	X	228.95562	354.69138	349.05418	9.96669	0.2403821	0.24372221	2.5382787	20	3 23.5	22.0
370075 2001 RZ_{94}	17.1	X	228.79097	14.46069	327.92912	5.27712	0.1985374	0.24248638	2.5468956	20	3 23.6	21.2
370076 2001 RX_{104}	16.3	X	89.08121	301.22061	52.69860	1.43095	0.1660213	0.17262317	3.1945032	20	—	—
370077 2001 RR_{118}	17.0	X	269.56174	16.31933	359.05067	14.72439	0.1210443	0.25280886	2.4770866	20	7 2.5	20.5
370078 2001 RL_{138}	17.2	X	215.72261	355.17392	24.21647	4.14590	0.1963718	0.24527423	2.5275598	20	4 28.3	21.4
370079 2001 SP_{96}	17.9	X	220.90945	29.64461	353.05859	10.66085	0.2187063	0.24570880	2.5245787	20	5 2.3	22.2
370080 2001 SD_{131}	17.0	X	226.30490	11.94792	343.15283	4.59456	0.2134277	0.24377529	2.5379103	20	4 5.6	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370081 2001 SJ_{136}	17.2	X	240.07622	329.59407	356.98873	12.18185	0.1987558	0.24254340	2.5464964	20	3 16.2	21.2
370082 2001 SF_{152}	17.0	X	249.49852	19.16475	342.24829	3.89153	0.2042463	0.24677816	2.5172802	20	5 5.4	20.9
370083 2001 SK_{161}	17.1	X	237.42518	333.51452	346.00602	4.91197	0.2620917	0.24131896	2.5551031	20	3 2.1	21.3
370084 2001 SY_{167}	16.8	X	227.78239	172.41583	168.98206	13.47713	0.1950383	0.24141918	2.5543959	20	3 24.9	20.9
370085 2001 ST_{209}	17.5	X	207.36036	239.68526	158.24895	3.88093	0.2249362	0.24475241	2.5311510	20	5 14.8	21.8
370086 2001 SS_{220}	17.6	X	232.36827	241.25260	132.50372	2.19937	0.2208492	0.24605862	2.5221853	20	5 5.8	21.7
370087 2001 SG_{221}	13.9	X	182.60523	214.43592	181.71420	6.61747	0.2011507	0.08225545	5.2363209	20	4 27.2	21.7
370088 2001 SN_{224}	17.4	X	268.24599	284.08792	29.76835	5.58822	0.2045249	0.24513177	2.5285390	20	3 27.6	21.1
370089 2001 SX_{233}	17.2	X	238.15201	266.75890	93.54172	2.37508	0.2243120	0.24475538	2.5311306	20	4 23.9	21.2
370090 2001 SF_{241}	17.5	X	212.94329	329.51379	62.59937	2.58294	0.1585337	0.24429535	2.5343071	20	5 14.3	21.4
370091 2001 SL_{274}	15.3	X	81.35229	347.02609	8.79791	14.04642	0.1245428	0.16900212	3.2399722	20	—	—
370092 2001 SR_{298}	18.0	X	262.09738	11.25956	309.27527	2.25301	0.2457574	0.24629112	2.5205977	20	3 23.3	21.9
370093 2001 SZ_{320}	18.0	X	253.92120	335.82585	10.34121	3.81350	0.1872931	0.24693627	2.5162056	20	4 22.7	21.7
370094 2001 SF_{333}	16.1	X	182.48693	147.94582	290.03046	11.92914	0.2592978	0.24356319	2.5393835	20	6 12.3	20.6
370095 2001 SY_{338}	18.5	X	260.77539	151.38824	186.51806	6.87155	0.2757158	0.24704235	2.5154853	20	4 11.5	22.4
370096 2001 TP_{6}	16.8	X	189.02004	205.03855	181.05248	14.90618	0.1673434	0.23989745	2.5651866	20	4 16.3	21.0
370097 2001 TL_{10}	16.7	X	218.03452	342.29773	27.87293	17.70709	0.1657377	0.24244313	2.5471985	20	4 20.2	20.9
370098 2001 TX_{26}	17.6	X	231.69914	54.22172	327.66196	4.80404	0.2715959	0.24548105	2.5261399	20	5 9.4	22.1
370099 2001 TO_{59}	17.5	X	211.41756	323.20838	30.86844	4.14481	0.2167595	0.24029248	2.5623745	20	3 25.6	21.8
370100 2001 TD_{74}	16.2	X	186.34827	7.94375	30.76133	10.82943	0.2108588	0.23962030	2.5671641	20	4 27.0	20.6
370101 2001 TV_{88}	17.4	X	236.67098	118.97165	238.13433	2.59161	0.2316509	0.24462281	2.5320450	20	4 16.6	21.6
370102 2001 TZ_{88}	16.6	X	230.11973	350.13724	9.25645	12.35830	0.0567510	0.24283199	2.5444785	20	4 23.9	20.2
370103 2001 TT_{108}	17.4	X	193.15495	51.91065	344.43574	5.89107	0.2682750	0.24111825	2.5565208	20	4 27.7	22.1
370104 2001 TT_{110}	16.9	X	222.90555	12.94293	5.14857	6.95713	0.2514212	0.24349092	2.5398859	20	4 28.7	21.4
370105 2001 TA_{132}	13.0	X	207.67502	3.17482	12.86028	19.99108	0.0312922	0.08395346	5.1654757	20	4 24.7	20.1
370106 2001 TT_{156}	18.6	X	227.97771	174.58755	197.84844	6.45708	0.2381551	0.24455783	2.5324935	20	4 29.2	22.9
370107 2001 TW_{161}	17.5	X	271.87701	89.31399	227.78437	3.52406	0.2135295	0.24607635	2.5220641	20	3 31.9	21.4
370108 2001 TU_{179}	17.7	X	220.59526	21.27105	329.42583	2.20761	0.1979846	0.24078970	2.5588458	20	3 27.9	22.0
370109 2001 TQ_{210}	16.7	X	234.40453	28.19039	333.10604	14.65574	0.1492646	0.24542298	2.5265384	20	4 19.1	20.9
370110 2001 TP_{214}	18.2	X	203.10643	45.61743	342.96598	6.44641	0.3293439	0.24187502	2.5511855	20	4 24.2	23.0
370111 2001 TZ_{240}	17.7	X	228.29189	344.12719	15.54315	5.82224	0.3219716	0.24269249	2.5454535	20	4 8.8	22.4
370112 2001 UJ_{7}	16.5	X	247.79073	344.10772	11.06082	20.37936	0.2713112	0.24541521	2.5265917	20	4 16.7	20.8
370113 2001 UJ_{35}	17.0	X	182.78953	276.90100	136.38925	6.50972	0.3272965	0.23989715	2.5651887	20	5 15.1	21.9
370114 2001 UY_{59}	17.0	X	140.13290	186.81183	270.28053	3.50303	0.1807027	0.24049724	2.5609198	20	5 29.1	21.1
370115 2001 UQ_{71}	17.8	X	164.76294	318.25099	88.77737	3.63569	0.2154230	0.23668694	2.5883312	20	4 21.8	22.1
370116 2001 UB_{83}	17.1	X	223.07398	203.44972	198.97456	7.19736	0.2366165	0.24486717	2.5303601	20	6 1.6	21.3
370117 2001 UY_{106}	17.6	X	192.03712	336.61130	49.01291	5.26489	0.2046104	0.23917582	2.5703437	20	4 17.4	21.9
370118 2001 UG_{109}	16.0	X	207.96905	202.56896	226.13911	14.33905	0.1010432	0.24405929	2.5359411	20	6 27.5	20.0
370119 2001 UF_{121}	16.8	X	184.63324	350.56888	44.87745	7.90951	0.1952826	0.23816581	2.5776054	20	4 23.1	21.0
370120 2001 UM_{150}	16.8	X	200.31508	346.09437	54.68555	5.22381	0.2243807	0.24085555	2.5583794	20	5 11.6	21.0
370121 2001 UN_{221}	17.7	X	175.33217	219.43678	205.81695	6.07715	0.2919196	0.23901215	2.5715169	20	5 22.9	22.3
370122 2001 UJ_{227}	17.5	X	149.90157	358.67018	84.93744	4.27141	0.1225507	0.24117145	2.5561448	20	5 18.6	21.4
370123 2001 VP_{2}	16.2	X	180.04392	284.60683	168.61199	27.55048	0.3484936	0.24086976	2.5582788	20	6 28.9	21.6
370124 2001 VY_{45}	17.3	X	177.37491	0.09071	57.56813	6.28821	0.3084921	0.23755769	2.5820025	20	5 14.8	22.0
370125 2001 VT_{73}	16.2	X	174.47175	116.41814	321.63362	11.61112	0.2097372	0.24205364	2.5499303	20	6 4.8	20.7
370126 2001 VZ_{83}	16.5	X	187.79558	28.56951	8.67946	14.85603	0.1959180	0.23946719	2.5682583	20	4 23.0	20.9
370127 2001 VU_{95}	16.3	X	317.84632	264.13898	176.90348	12.13680	0.3454434	0.15566118	3.4225451	20	11 9.7	19.4
370128 2001 VL_{109}	17.3	X	230.20899	323.23855	31.58232	6.96085	0.2703359	0.24221180	2.5488201	20	4 7.9	21.7
370129 2001 VZ_{111}	16.9	X	168.90226	184.93949	258.55004	2.95123	0.1114547	0.24010050	2.5637402	20	6 6.3	20.8
370130 2001 VN_{118}	16.1	X	201.52340	117.19970	281.24186	2.63480	0.1938334	0.23896841	2.5718308	20	5 9.7	20.5
370131 2001 VG_{124}	17.4	X	138.13328	32.12341	37.24551	4.11848	0.2015755	0.23478228	2.6023108	20	4 24.1	21.4
370132 2001 VU_{127}	18.4	X	194.70006	229.72663	167.53760	7.33678	0.2593785	0.24133708	2.5549752	20	5 4.2	22.9
370133 2001 VB_{132}	17.5	X	198.80145	220.52644	186.34167	14.87891	0.0909745	0.24093279	2.5578326	20	5 23.6	21.5
370134 2001 WN_{19}	17.4	X	187.87099	17.59937	25.34400	1.65821	0.2120806	0.24006064	2.5640239	20	5 3.9	21.7
370135 2001 WC_{30}	17.5	X	154.30616	359.81008	84.14067	0.32969	0.2824238	0.23716222	2.5848720	20	5 29.9	22.2
370136 2001 WP_{35}	17.2	X	198.88765	292.59731	96.73573	4.66488	0.2095143	0.23910789	2.5708305	20	4 28.3	21.6
370137 2001 WS_{57}	18.2	X	215.45612	138.22246	249.38111	3.07533	0.2416008	0.24307698	2.5427685	20	5 6.4	22.5
370138 2001 WM_{72}	18.1	X	167.02096	221.01619	218.34995	4.26821	0.2568021	0.23951505	2.5679162	20	6 2.4	22.5
370139 2001 WN_{81}	17.1	X	215.37783	296.68727	82.64714	4.61436	0.2063336	0.24044526	2.5612889	20	4 29.5	21.4
370140 2001 WA_{101}	17.7	X	206.12466	328.58540	65.86717	6.46658	0.2471644	0.24092723	2.5578719	20	5 8.6	22.2
370141 2001 XP_{13}	16.9	X	87.98447	168.80589	294.33936	8.47455	0.2272117	0.22887079	2.6469301	20	4 12.5	20.6
370142 2001 XY_{44}	16.5	X	170.26182	79.88358	3.96305	9.00218	0.1383016	0.23780624	2.5802031	20	6 7.2	20.7
370143 2001 XM_{78}	16.3	X	206.22432	120.86918	242.56404	13.14960	0.1765276	0.23663767	2.5886905	20	3 28.2	20.8
370144 2001 XC_{93}	17.6	X	190.47914	353.25182	65.45061	3.85832	0.2202554	0.24057437	2.5603725	20	5 25.8	21.9
370145 2001 XS_{93}	16.8	X	119.12133	50.83197	51.75692	13.17354	0.1245171	0.23566537	2.5958058	20	5 9.5	20.6
370146 2001 XL_{95}	16.9	X	190.83205	133.07594	267.88301	3.08013	0.1756830	0.23838249	2.5760433	20	5 3.7	21.1
370147 2001 XO_{112}	17.0	X	185.35860	293.52232	104.05001	12.44657	0.1960293	0.23681678	2.5873851	20	4 30.9	21.5
370148 2001 XG_{150}	17.1	X	147.55239	337.33781	81.96706	5.70866	0.2395073	0.23337712	2.6127460	20	4 24.5	21.5
370149 2001 XO_{151}	17.3	X	124.50574	194.70842	259.04461	2.62517	0.2153850	0.23308427	2.6149340	20	5 12.7	21.3
370150 2001 XA_{174}	17.0	X	215.53544	144.07126	243.46503	4.19024	0.2772421	0.23953179	2.5677966	20	5 4.9	21.5
370151 2001 XU_{214}	16.6	X	225.06023	83.91073	290.27276	14.06465	0.3259218	0.24068892	2.5595600	20	4 18.1	21.6
370152 2001 XP_{231}	16.6	X	140.10793	175.43950	309.47661	3.70844	0.2511051	0.23843395	2.5756726	20	7 7.8	21.1
370153 2001 XN_{239}	15.8	X	186.31839	119.13056	281.17085	13.25029	0.1721800	0.23578791	2.5949064	20	4 25.2	20.3
370154 2001 XA_{259}	17.7	X	179.18891	282.99116	147.17819	6.23171	0.2693841	0.23994313	2.5648610	20	6 1.1	22.3
370155 2001 XK_{266}	17.0	X	191.72571	325.35298	82.51962	4.26116	0.1768519	0.23666060	2.5885232	20	5 14.7	21.2
370156 2001 YY_{11}	16.4	X	181.97564	67.90139	331.62054	28.93578	0.3586775	0.23548235	2.5971507	20	4 9.7	22.0
370157 2001 YP_{71}	16.9	X	83.52983	180.17084	311.44655	3.68029	0.2154542	0.22946916	2.6423266	20	5 16.3	20.5
370158 2001 YO_{85}	16.9	X	181.84753	120.61970	295.93294	12.40596	0.2628282	0.23658606	2.5890670	20	5 13.5	21.7
370159 2001 YW_{126}	17.4	X	199.00347	31.35760	9.27024	4.69571	0.3075981	0.23930123	2.5694456	20	5 7.5	22.2
370160 2001 YR_{127}	17.4	X	191.39539	83.66761	349.63318	3.22362	0.2894193	0.24022482	2.5628556	20	6 12.1	22.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370161 2001 YB_{133}	16.1	X	257.89942	336.57458	36.76961	14.74473	0.1826930	0.24489647	2.5301583	20	5 31.2	19.8
370162 2001 YS_{149}	16.6	X	172.63157	104.95950	349.70720	5.55023	0.1914612	0.23946670	2.5682618	20	6 25.4	20.9
370163 2001 YC_{157}	16.3	X	49.39096	171.18416	322.39281	13.08340	0.1955585	0.22547081	2.6734732	20	3 17.2	19.2
370164 2002 AQ_{11}	16.8	X	158.69957	301.74946	111.68017	12.18034	0.1936452	0.23094494	2.6310580	20	4 27.8	21.3
370165 2002 AY_{72}	16.9	X	128.29931	344.55243	104.26283	5.64465	0.1555404	0.23196889	2.6233096	20	5 6.9	20.9
370166 2002 AM_{79}	17.1	X	65.70965	11.10893	88.58413	4.14911	0.1685108	0.22347650	2.6893550	20	3 3.7	20.1
370167 2002 AJ_{99}	16.7	X	164.31735	104.72393	331.78058	5.47252	0.2684885	0.23548063	2.5971633	20	5 26.6	21.4
370168 2002 AS_{105}	16.8	X	247.28469	123.85600	300.60170	7.07731	0.2294370	0.24587244	2.5234584	20	7 23.6	20.4
370169 2002 AF_{133}	17.2	X	171.48213	123.72038	320.34052	5.63292	0.3203101	0.23826303	2.5769042	20	6 11.4	22.0
370170 2002 AU_{136}	16.8	X	334.23942	260.73915	275.21223	7.89955	0.1235098	0.21859781	2.7292219	20	1 6.3	20.2
370171 2002 AZ_{142}	17.0	X	8.90256	272.53375	255.42682	3.48183	0.1771917	0.22195933	2.7015962	20	2 15.2	19.6
370172 2002 AP_{143}	17.0	X	156.17354	263.47305	150.46628	2.78071	0.1382494	0.23098053	2.6307877	20	4 18.7	21.1
370173 2002 AD_{156}	16.4	X	176.07299	108.19093	336.29538	12.55810	0.2369571	0.23501432	2.6005976	20	6 15.0	21.1
370174 2002 AG_{158}	16.6	X	167.11265	286.57200	143.93442	8.01404	0.1733737	0.23326477	2.6135849	20	5 22.5	21.0
370175 2002 BW_{24}	16.3	X	156.78404	288.57826	149.54877	11.69282	0.1706635	0.23266103	2.6181044	20	5 23.4	20.7
370176 2002 BD_{25}	16.7	X	154.23845	136.76939	341.07996	13.44286	0.2115069	0.23620453	2.5918542	20	7 11.7	21.2
370177 2002 BC_{26}	16.9	X	147.78498	109.40562	353.59579	29.04142	0.3536172	0.23545810	2.5973290	20	6 20.7	22.4
370178 2002 CO_{12}	16.8	X	166.12798	293.82282	138.43979	26.97137	0.3897101	0.23563669	2.5960165	20	6 1.9	22.4
370179 2002 CZ_{28}	16.4	X	103.95023	139.73410	338.51629	12.72743	0.1256279	0.22947005	2.6423198	20	5 6.7	20.4
370180 2002 CR_{34}	16.7	X	199.47451	3.44579	39.49394	5.22171	0.3154844	0.23653784	2.5894188	20	5 11.3	21.3
370181 2002 CX_{46}	16.7	X	189.42001	109.54174	338.78198	27.97528	0.4071363	0.23856507	2.5747287	20	7 3.5	22.3
370182 2002 CO_{60}	17.2	X	178.12211	56.45551	14.86384	5.74109	0.2303776	0.23600051	2.5933477	20	5 30.4	21.8
370183 2002 CT_{61}	16.2	X	68.19973	143.02054	352.88977	13.46078	0.1922109	0.22550113	2.6732335	20	4 22.2	19.6
370184 2002 CM_{82}	16.4	X	14.61595	181.25047	335.64884	8.24161	0.0916342	0.21851869	2.7298806	20	2 17.2	19.6
370185 2002 CA_{110}	16.0	X	219.33001	295.31551	347.96778	15.93195	0.0264367	0.21253051	2.7809202	20	1 18.2	20.2
370186 2002 CV_{116}	16.4	X	152.75660	141.68878	311.41358	8.08514	0.1577207	0.23234472	2.6204800	20	6 3.2	20.6
370187 2002 CC_{139}	16.9	X	186.58310	243.87979	184.62131	5.07261	0.2879540	0.23689999	2.5867791	20	6 3.7	21.6
370188 2002 CM_{180}	16.5	X	219.32221	267.65459	121.90025	10.17582	0.2158484	0.23640728	2.5903721	20	5 17.1	21.0
370189 2002 CO_{182}	16.6	X	161.70649	76.33049	324.75023	10.62618	0.1864520	0.22885882	2.6470224	20	4 4.5	21.1
370190 2002 CO_{183}	16.6	X	61.09660	138.94971	317.65801	6.86832	0.0813557	0.21939288	2.7226241	20	2 8.6	20.0
370191 2002 CE_{199}	16.7	X	113.01013	309.68140	137.04115	10.79946	0.1295829	0.22562442	2.6722596	20	4 16.9	20.6
370192 2002 CA_{204}	16.4	X	11.91199	171.36187	338.35086	12.03465	0.0406613	0.21764754	2.7371601	20	2 7.3	19.9
370193 2002 CY_{217}	16.2	X	63.14604	333.97819	152.45934	15.99060	0.1065132	0.22110812	2.7085255	20	3 28.9	19.6
370194 2002 CQ_{220}	16.2	X	138.46207	86.41278	352.05244	14.39783	0.2341924	0.22803291	2.6534100	20	5 2.4	20.8
370195 2002 CU_{231}	17.3	X	81.04189	277.70589	186.01930	12.43864	0.2392151	0.22292875	2.6937585	20	4 12.1	20.7
370196 2002 CZ_{253}	16.3	X	187.63024	126.47336	253.85809	10.70958	0.2004600	0.23040353	2.6351780	20	4 2.5	20.9
370197 2002 CT_{296}	15.9	X	212.76680	318.47419	345.93603	12.73273	0.0987652	0.21327406	2.7744529	20	2 3.2	20.2
370198 2002 CL_{314}	16.1	X	145.17906	279.50403	162.48094	13.57216	0.1778374	0.23185113	2.6241978	20	5 18.1	20.5
370199 2002 DG_{2}	15.9	X	201.41670	64.75227	344.06953	29.10445	0.3653398	0.23470357	2.6028926	20	5 5.2	21.5
370200 2002 DB_{6}	16.3	X	157.80490	263.83480	169.40079	11.31103	0.1569669	0.23154813	2.6264866	20	5 17.1	20.6
370201 2002 EU_{7}	16.7	X	135.70379	80.70586	1.65685	11.83873	0.2712445	0.22925582	2.6439656	20	5 9.2	21.4
370202 2002 EU_{23}	16.8	X	86.20379	85.41233	331.44506	1.37703	0.0850534	0.21365364	2.7711659	20	1 25.9	20.3
370203 2002 EV_{36}	17.1	X	118.47903	289.67372	137.26663	4.50635	0.1026458	0.22050746	2.7134419	20	3 22.9	20.8
370204 2002 EN_{64}	16.0	X	63.36848	118.69372	343.76855	11.87783	0.0597589	0.21615620	2.7497355	20	2 19.7	19.5
370205 2002 EB_{122}	17.4	X	315.87462	338.12466	197.53152	2.37424	0.1301384	0.21026395	2.8008693	20	—	—
370206 2002 FN	18.2	X	331.00260	56.35086	174.22261	22.68869	0.0450260	0.38147366	1.8828961	20	3 1.9	20.0
370207 2002 FL_{21}	16.4	X	1.77377	155.89569	345.12981	7.61898	0.1611723	0.21275684	2.7789476	20	1 1.6	19.6
370208 2002 GV_{89}	18.2	X	24.88068	254.01791	27.25234	6.21851	0.2257971	0.28352924	2.2947611	20	9 29.9	20.3
370209 2002 GO_{103}	16.9	X	224.56881	357.59813	98.74248	7.00878	0.0491854	0.28951793	2.2630062	20	9 10.3	19.7
370210 2002 GW_{118}	17.1	X	43.88862	230.40062	41.66856	9.73118	0.1462560	0.28816433	2.2700873	20	10 5.0	19.8
370211 2002 GO_{138}	17.7	X	195.47535	184.03212	199.41731	21.02065	0.0811224	0.38466722	1.8724602	20	4 9.4	19.8
370212 2002 GG_{148}	17.2	X	160.90033	100.89165	13.20579	28.37668	0.3960621	0.23589721	2.5941048	20	7 20.5	22.9
370213 2002 GR_{162}	17.6	X	52.97399	63.16211	191.21353	6.34570	0.2053251	0.28528848	2.2853176	20	9 27.2	20.5
370214 2002 GS_{177}	16.2	X	113.89178	29.40540	45.38027	8.40884	0.1065774	0.21735582	2.7396087	20	3 29.9	20.1
370215 2002 JK_{17}	18.0	X	37.06141	228.41795	30.24891	3.76633	0.2178138	0.28205107	2.3027717	20	9 14.3	20.4
370216 2002 JA_{148}	18.0	X	30.14968	126.26505	133.84032	5.49412	0.2214222	0.28018291	2.3129964	20	9 5.1	20.2
370217 2002 JB_{149}	18.1	X	16.83360	265.73494	33.37095	3.19885	0.2493729	0.28287361	2.2983055	20	10 15.9	20.2
370218 2002 LB_{25}	15.9	X	268.80575	321.03859	232.28675	15.50427	0.1507875	0.19888004	2.9067560	20	—	—
370219 2002 LS_{38}	15.2	X	130.99795	59.99268	278.06000	13.19192	0.2728087	0.18927666	3.0042634	20	1 9.5	20.0
370220 2002 NE_{59}	18.0	X	342.47551	205.28240	96.07341	5.17693	0.2120450	0.27302661	2.3532392	20	7 16.2	19.3
370221 2002 NA_{62}	15.8	X	114.09835	225.98755	112.02795	8.74853	0.2262750	0.18639184	3.0351823	20	—	—
370222 2002 NH_{67}	15.6	X	139.62258	332.23791	323.25350	14.99041	0.0253390	0.18491569	3.0513138	20	—	—
370223 2002 NP_{69}	16.3	X	63.46030	262.01626	97.83693	10.94368	0.1509651	0.18222364	3.0812924	20	—	—
370224 2002 NF_{75}	16.1	X	88.02833	240.99278	124.15967	9.11729	0.0980379	0.18607323	3.0386460	20	—	—
370225 2002 OS_{1}	15.6	X	109.47572	42.62297	278.54955	14.17018	0.2518616	0.18211829	3.0824805	20	—	—
370226 2002 OG_{20}	15.8	X	99.60224	98.82717	222.49017	14.81052	0.2532064	0.18053465	3.1004805	20	—	—
370227 2002 OC_{27}	15.7	X	73.27132	126.64047	276.74728	8.48720	0.0825068	0.19067175	2.9895912	20	—	—
370228 2002 PD_{36}	15.9	X	94.58336	196.06470	153.70312	11.80177	0.2444827	0.18297798	3.0728179	20	—	—
370229 2002 PA_{62}	16.9	X	339.27205	1.04692	323.70140	5.99451	0.1598450	0.27453771	2.3445962	20	8 19.3	18.4
370230 2002 PA_{64}	15.6	X	151.70919	3.17493	298.43174	8.52698	0.0451513	0.18817204	3.0160091	20	—	—
370231 2002 PZ_{68}	16.6	X	83.14455	320.56969	29.95570	2.17302	0.2922321	0.18162463	3.0880635	20	—	—
370232 2002 PK_{87}	16.6	X	1.00110	276.04017	332.80689	21.07816	0.1559081	0.26891424	2.3771697	20	5 25.5	19.4
370233 2002 PY_{90}	16.6	X	340.62502	351.73821	339.83106	13.93427	0.2725617	0.27490681	2.3424970	20	9 7.8	17.6
370234 2002 PN_{102}	15.8	X	103.40457	85.89484	257.59556	10.64555	0.1246146	0.18503722	3.0499776	20	—	—
370235 2002 PV_{115}	15.5	X	103.86609	60.08684	262.45290	9.45356	0.2662227	0.17962618	3.1109256	20	—	—
370236 2002 PQ_{122}	18.4	X	288.68369	161.49809	199.28592	5.92797	0.2828770	0.26864942	2.3787316	20	6 10.6	21.2
370237 2002 PR_{129}	18.2	X	345.40474	334.48413	343.80315	1.44651	0.2103916	0.27421822	2.3464169	20	8 25.9	19.6
370238 2002 PW_{150}	17.7	X	329.06170	170.70484	149.75794	2.50236	0.2284510	0.27261723	2.3555944	20	7 10.4	19.0
370239 2002 PT_{155}	17.7	X	291.62051	233.79426	135.10532	2.05090	0.2550561	0.27085919	2.3657762	20	7 2.1	20.0
370240 2002 PP_{157}	17.9	X	342.83449	208.89808	107.36198	2.37317	0.1994955	0.27393934	2.3480091	20	8 14.9	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370241 2002 PU_{163}	17.8	X	294.16107	314.89245	37.38580	2.08237	0.1978856	0.27051669	2.3677727	20	6 21.7	20.1
370242 2002 PY_{164}	17.8	X	308.89227	233.49007	87.75803	2.32652	0.1967861	0.26959851	2.3731456	20	5 31.4	19.8
370243 2002 PH_{167}	16.1	X	85.85231	258.21944	86.26742	3.08775	0.2230512	0.18070564	3.0985244	20	—	—
370244 2002 PL_{173}	16.2	X	162.34037	21.40157	282.93206	6.41407	0.0723624	0.18813824	3.0163704	20	—	—
370245 2002 PB_{174}	16.4	X	109.24553	102.17087	253.58285	3.08597	0.1291605	0.18671131	3.0317191	20	—	—
370246 2002 PL_{174}	18.5	X	310.27156	209.28965	144.39905	2.62826	0.2221047	0.27302724	2.3532356	20	7 21.8	20.1
370247 2002 PR_{174}	15.9	X	76.41074	260.00556	108.94052	10.08223	0.1488417	0.18366857	3.0651107	20	—	—
370248 2002 PT_{174}	16.0	X	270.19562	162.84842	347.82876	12.27006	0.0171308	0.18171297	3.0870625	20	12 31.0	20.5
370249 2002 PT_{175}	17.6	X	289.86787	112.34709	256.58521	3.87794	0.2481310	0.27096566	2.3651565	20	6 30.4	19.9
370250 2002 PD_{181}	16.6	X	78.27857	3.47535	30.48640	3.41860	0.1864394	0.18749586	3.0232561	20	1 5.2	20.3
370251 2002 PU_{181}	15.8	X	9.88382	139.12608	296.67171	15.84632	0.0853976	0.18193792	3.0845174	20	—	—
370252 2002 PN_{183}	18.1	X	14.97796	188.16505	91.07190	2.41359	0.1788471	0.27515430	2.3410922	20	8 28.3	20.2
370253 2002 PP_{183}	17.5	X	305.75771	238.02121	106.84130	6.93951	0.1774539	0.27167641	2.3610296	20	7 5.4	19.7
370254 2002 PM_{186}	16.4	X	169.64548	276.99514	342.23304	10.80590	0.1459797	0.18426947	3.0584435	20	—	—
370255 2002 PO_{186}	16.8	X	40.98102	282.93226	112.17310	7.15173	0.2916647	0.18012781	3.1051473	20	—	—
370256 2002 PT_{189}	18.4	X	297.74024	241.43147	119.15925	3.23349	0.2295508	0.27145312	2.3623242	20	7 5.1	20.6
370257 2002 PT_{192}	17.9	X	310.10215	157.81687	194.49699	1.68232	0.2046738	0.27199403	2.3591912	20	7 21.8	19.7
370258 2002 QA_{1}	18.1	X	286.71564	78.48049	283.87829	3.81071	0.2449033	0.26965329	2.3728242	20	6 16.2	20.8
370259 2002 QC_{2}	17.3	X	306.92913	179.26300	187.64306	6.11463	0.2464070	0.27258669	2.3557704	20	7 30.3	19.1
370260 2002 QO_{18}	17.8	X	290.54979	240.75674	106.50891	2.43360	0.2003285	0.26797642	2.3827126	20	6 7.8	20.6
370261 2002 QH_{22}	16.8	X	36.85846	232.95552	188.81009	5.00283	0.2092701	0.23825325	2.5769747	20	—	—
370262 2002 QR_{24}	16.3	X	125.10968	98.46559	166.08759	23.82560	0.4091788	0.17981576	3.1087386	20	12 9.4	22.7
370263 2002 QJ_{29}	17.4	X	262.12147	26.33717	2.97594	5.69896	0.2134053	0.26890679	2.3772136	20	6 26.6	20.7
370264 2002 QQ_{32}	18.1	X	278.06268	5.58787	10.29011	1.04926	0.2031392	0.26826971	2.3809757	20	6 30.4	20.7
370265 2002 QF_{37}	16.0	X	47.44274	359.15430	358.37442	10.09665	0.0740871	0.17505682	3.1648274	20	12 20.8	20.6
370266 2002 QX_{37}	16.2	X	132.41163	273.87253	10.11661	5.71441	0.1153969	0.17835047	3.1257426	20	12 27.8	21.2
370267 2002 QV_{50}	16.1	X	42.98240	50.25076	345.86043	9.51886	0.1595716	0.17989492	3.1078266	20	—	—
370268 2002 QA_{52}	17.7	X	335.61584	187.53002	124.82594	3.44068	0.2276348	0.27154300	2.3618028	20	7 14.7	19.0
370269 2002 QL_{54}	16.0	X	91.00408	316.20558	344.65863	14.88102	0.0665336	0.17579454	3.1559671	20	11 29.4	20.9
370270 2002 QU_{57}	15.8	X	59.05139	224.76160	152.52712	14.44861	0.1616714	0.18041583	3.1018416	20	—	—
370271 2002 QO_{58}	15.9	X	89.13479	352.14048	2.55987	5.01064	0.1551815	0.18235694	3.0797906	20	—	—
370272 2002 QJ_{59}	16.2	X	44.29408	42.38157	344.50925	14.43489	0.1303304	0.18067113	3.0989189	20	—	—
370273 2002 QU_{59}	15.9	X	111.47553	15.15990	305.18172	11.58221	0.1891900	0.18194161	3.0844757	20	—	—
370274 2002 QU_{60}	17.1	X	300.58343	44.92866	304.22357	3.35870	0.1690483	0.27003168	2.3706071	20	7 3.9	19.4
370275 2002 QM_{64}	17.5	X	335.85780	343.06587	350.55244	5.26763	0.1465046	0.27385680	2.3484809	20	8 27.5	19.4
370276 2002 QC_{70}	17.8	X	6.63504	317.46365	335.45958	5.55983	0.1554607	0.27401830	2.3475580	20	8 28.0	19.9
370277 2002 QL_{71}	16.8	X	60.91175	213.04157	142.49099	6.27408	0.1285864	0.17878069	3.1207261	20	—	—
370278 2002 QL_{74}	16.4	X	131.98059	330.39772	22.07115	5.59438	0.0709777	0.18957388	3.0011224	20	1 6.3	20.7
370279 2002 QK_{76}	16.8	X	64.89475	32.57680	17.29060	2.20942	0.0977672	0.18759917	3.0221460	20	—	—
370280 2002 QA_{83}	18.2	X	347.89608	38.16300	282.12288	3.82090	0.1563010	0.27441646	2.3452867	20	8 29.9	20.0
370281 2002 QZ_{88}	16.1	X	76.04278	224.12538	160.05021	10.56934	0.0878135	0.18488880	3.0516097	20	—	—
370282 2002 QP_{93}	16.0	X	91.29741	328.47595	340.39765	10.45137	0.1177154	0.17692502	3.1425091	20	12 17.1	20.9
370283 2002 QC_{94}	18.1	X	352.64217	193.09240	103.02953	2.40429	0.2224292	0.27314548	2.3525563	20	8 6.6	19.4
370284 2002 QG_{98}	18.5	X	321.84365	306.98729	19.69987	2.61279	0.1862019	0.27158930	2.3615344	20	7 9.3	20.5
370285 2002 QS_{102}	18.2	X	316.19291	77.51858	244.67733	4.16489	0.1181765	0.26768577	2.3844371	20	6 28.2	20.7
370286 2002 QG_{104}	16.1	X	153.66367	333.50600	301.38072	9.80721	0.0518457	0.18198860	3.0839448	20	—	—
370287 2002 QE_{107}	16.7	X	74.15470	92.24055	265.30379	2.71305	0.2465860	0.18070141	3.0985727	20	—	—
370288 2002 QS_{109}	17.9	X	298.54215	73.66037	318.68869	5.41916	0.1599972	0.27562490	2.3384267	20	9 7.4	20.1
370289 2002 QD_{121}	15.8	X	336.49892	146.42565	309.84917	8.66247	0.0437500	0.18113973	3.0935721	20	—	—
370290 2002 QW_{124}	17.2	X	104.85620	127.09615	186.27576	4.67659	0.1171565	0.18141648	3.0904251	20	—	—
370291 2002 QJ_{125}	16.1	X	33.99631	63.10234	346.17525	14.71876	0.1112718	0.17968844	3.1102070	20	—	—
370292 2002 QZ_{126}	17.9	X	278.02869	9.99548	10.85867	5.30514	0.2293369	0.26907564	2.3762190	20	7 3.8	20.8
370293 2002 QT_{130}	16.5	X	37.49903	261.45395	122.17259	5.41303	0.1480362	0.17901767	3.1179713	20	—	—
370294 2002 QW_{134}	16.4	X	36.90132	287.72045	104.39808	6.19537	0.1708583	0.18026086	3.1036192	20	—	—
370295 2002 QB_{138}	18.4	X	318.95751	359.54648	337.60322	0.79307	0.1674451	0.27244408	2.3565923	20	7 22.7	20.2
370296 2002 QN_{139}	16.1	X	70.69694	222.05588	167.77282	8.40790	0.1344484	0.18372420	3.0644919	20	—	—
370297 2002 QR_{147}	18.3	X	340.28934	269.28789	18.73144	2.58621	0.1908873	0.27006513	2.3704113	20	6 15.9	20.0
370298 2002 RG_{1}	17.6	X	83.87672	146.01112	313.89601	17.32570	0.0879181	0.36244127	1.9482482	20	2 22.0	19.2
370299 2002 RB_{5}	15.0	X	290.51276	140.80417	323.98792	26.31532	0.1455540	0.17223957	3.1992445	20	10 31.9	19.7
370300 2002 RK_{10}	17.7	X	292.64978	202.15701	144.58184	2.87552	0.1463199	0.26836102	2.3804355	20	6 19.9	20.5
370301 2002 RT_{15}	17.1	X	265.48057	27.63182	333.11956	5.92973	0.1491334	0.26482945	2.4015513	20	5 29.6	20.5
370302 2002 RU_{17}	17.6	X	289.60262	199.88470	164.18732	2.32845	0.2226821	0.26850188	2.3796029	20	6 27.2	20.3
370303 2002 RM_{23}	17.8	X	320.04686	344.26534	345.54391	1.27960	0.2049072	0.27023847	2.3693975	20	7 7.1	19.6
370304 2002 RL_{29}	15.7	X	86.34441	357.44821	334.64109	17.15607	0.1909115	0.17829901	3.1263440	20	—	—
370305 2002 RH_{31}	16.0	X	88.29131	159.14165	177.35756	18.54817	0.2115372	0.17891141	3.1192057	20	—	—
370306 2002 RV_{35}	17.1	X	297.36514	72.34558	306.49779	6.31042	0.1215591	0.27255176	2.3559716	20	8 19.9	19.3
370307 2002 RH_{52}	16.9	X	86.44097	96.64400	2.27362	16.18407	0.4920602	0.35408426	1.9787836	20	5 6.1	19.8
370308 2002 RY_{67}	15.7	X	85.27742	61.78207	298.08983	8.84206	0.2632970	0.18146436	3.0898815	20	—	—
370309 2002 RC_{70}	16.2	X	109.16412	147.22487	184.41908	7.10075	0.1501349	0.18188163	3.0851538	20	—	—
370310 2002 RD_{70}	17.4	X	305.52399	159.62318	181.54443	7.03140	0.1399347	0.26890432	2.3772281	20	7 4.3	19.9
370311 2002 RB_{74}	15.6	X	218.37965	252.92247	343.44200	11.16172	0.0769204	0.18509687	3.0493223	20	—	—
370312 2002 RL_{75}	17.8	X	318.39255	100.24393	229.51784	1.28964	0.2322511	0.27010461	2.3701803	20	6 28.0	19.7
370313 2002 RR_{75}	17.2	X	250.33356	58.92273	327.79405	6.09060	0.1264216	0.26581272	2.3956252	20	6 20.3	20.4
370314 2002 RU_{76}	17.9	X	301.68342	344.15328	354.33819	1.90411	0.2331220	0.26828282	2.3808981	20	6 6.7	20.4
370315 2002 RP_{112}	15.2	X	69.69732	42.03155	333.81825	22.32710	0.1523279	0.18095869	3.0956350	20	—	—
370316 2002 RE_{120}	18.0	X	281.62128	340.70204	30.46695	5.56070	0.2510277	0.26868800	2.3785039	20	6 20.3	20.8
370317 2002 RS_{121}	15.1	X	74.29983	16.58833	359.74532	23.61480	0.2135098	0.17878869	3.1206330	20	—	—
370318 2002 RJ_{129}	15.9	X	79.60622	49.14007	319.77896	15.98506	0.3359395	0.18122697	3.0925792	20	1 2.5	19.8
370319 2002 RG_{130}	15.7	X	30.20626	49.38334	333.20955	14.80846	0.2231411	0.17465964	3.1696234	20	—	—
370320 2002 RL_{130}	15.6	X	153.85292	338.51082	295.48095	14.91845	0.1623399	0.18238448	3.0794805	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370321 2002 RK_{131}	15.9	X	69.27549	138.78586	250.59038	10.07051	0.2076835	0.18281135	3.0746849	20	—	—
370322 2002 RD_{141}	16.3	X	83.01607	289.55314	39.05766	11.04596	0.2577946	0.17666544	3.1455866	20	—	—
370323 2002 RW_{143}	17.7	X	246.45666	71.60066	328.23850	1.97695	0.1774637	0.26558002	2.3970244	20	6 26.9	21.1
370324 2002 RB_{144}	16.4	X	49.91694	41.10893	345.05211	6.60823	0.1464752	0.17885221	3.1198940	20	—	—
370325 2002 RG_{148}	17.7	X	271.02912	22.48854	2.96046	2.40152	0.2006580	0.26750598	2.3855053	20	7 4.8	20.6
370326 2002 RU_{152}	17.3	X	318.77201	73.57761	289.52328	5.55985	0.1474698	0.27260798	2.3556477	20	9 2.6	19.4
370327 2002 RD_{155}	15.9	X	57.04144	47.59302	330.74743	8.61451	0.0630976	0.17963243	3.1108535	20	—	—
370328 2002 RR_{162}	18.2	X	327.83235	342.82735	348.65441	3.02050	0.2192006	0.27143264	2.3624430	20	7 29.8	19.8
370329 2002 RY_{163}	18.0	X	332.92852	107.84631	189.11212	0.93062	0.1817969	0.26804147	2.3823271	20	6 14.4	19.8
370330 2002 RV_{170}	17.9	X	305.62800	132.71021	221.57631	3.07467	0.1463412	0.27088387	2.3656325	20	7 24.3	20.2
370331 2002 RU_{191}	16.5	X	18.29401	4.59093	33.93520	0.65190	0.1415848	0.17644600	3.1481941	20	—	—
370332 2002 RN_{221}	15.8	X	61.24348	10.65941	11.68043	12.30061	0.2346132	0.18157759	3.0885968	20	—	—
370333 2002 RC_{223}	15.8	X	71.33161	248.27526	142.40724	10.95803	0.1724696	0.18254957	3.0776236	20	—	—
370334 2002 RZ_{230}	16.0	X	88.99672	261.96280	51.13935	10.42765	0.2264556	0.17657762	3.1466296	20	12 28.6	21.2
370335 2002 RT_{237}	17.6	X	259.78080	24.16623	10.30530	2.00759	0.2224410	0.26752672	2.3853820	20	6 29.4	21.0
370336 2002 RN_{240}	16.3	X	141.39999	49.15008	203.53329	5.45965	0.2157181	0.17841153	3.1250293	20	12 1.4	21.7
370337 2002 RX_{247}	15.4	X	136.23407	31.54938	277.02000	13.74681	0.0828929	0.18675328	3.0312649	20	—	—
370338 2002 RW_{250}	15.9	X	82.25902	120.99820	250.75714	8.39664	0.0739557	0.18283606	3.0744078	20	—	—
370339 2002 RK_{251}	18.3	X	323.46875	161.88776	187.29184	0.99974	0.2000339	0.27329730	2.3516850	20	8 19.9	19.6
370340 2002 RZ_{255}	16.5	X	59.41148	154.29980	212.68494	8.74454	0.1052688	0.18001758	3.1064147	20	—	—
370341 2002 RK_{256}	17.9	X	290.37515	336.59092	41.71914	2.78325	0.2432055	0.27106795	2.3645614	20	7 17.6	20.3
370342 2002 RY_{258}	16.3	X	5.56802	109.76621	336.26286	3.90409	0.1403531	0.17996081	3.1070680	20	—	—
370343 2002 RH_{261}	16.1	X	59.14465	355.33285	336.01688	15.33716	0.0602093	0.17303733	3.1894039	20	11 28.1	20.9
370344 2002 RQ_{261}	15.3	X	223.66089	238.89449	338.46860	21.85551	0.0845415	0.18157292	3.0886498	20	—	—
370345 2002 RO_{262}	16.1	X	9.28129	138.00210	284.61707	3.77460	0.1192997	0.17733751	3.1376342	20	—	—
370346 2002 RS_{266}	16.1	X	72.35132	50.94786	322.29178	8.21563	0.0862432	0.18153313	3.0891010	20	—	—
370347 2002 RO_{267}	15.9	X	51.26272	302.62520	67.77620	10.53021	0.0735161	0.17720640	3.1391817	20	—	—
370348 2002 RX_{267}	15.6	X	192.91341	227.43160	7.48450	9.76972	0.1023619	0.17830595	3.1262629	20	12 29.5	20.5
370349 2002 RM_{269}	15.7	X	165.94375	253.48026	340.70102	7.47565	0.0633586	0.17767846	3.1336190	20	12 1.7	20.5
370350 2002 RU_{270}	15.6	X	10.10047	80.99925	332.17735	14.87233	0.0461912	0.17927810	3.1149510	20	—	—
370351 2002 RN_{274}	16.2	X	43.17256	259.40491	151.85610	11.39260	0.0863764	0.18383408	3.0632706	20	—	—
370352 2002 RH_{275}	16.3	X	148.17987	281.17761	339.03344	11.15490	0.1541268	0.18149792	3.0895006	20	12 14.7	21.6
370353 2002 RK_{277}	17.7	X	246.25210	2.50514	25.34200	3.82457	0.1659312	0.26543467	2.3978994	20	6 11.2	21.0
370354 2002 RN_{277}	18.3	X	283.60334	300.24700	57.21404	2.24622	0.1963539	0.26767722	2.3844878	20	6 12.6	21.0
370355 2002 RV_{278}	15.7	X	180.77718	13.54306	225.40262	9.37584	0.1097836	0.17981158	3.1087869	20	12 20.9	20.6
370356 2002 RZ_{281}	15.9	X	2.21136	140.49071	287.88680	12.06076	0.1254148	0.17899383	3.1182482	20	—	—
370357 2002 SU_{3}	15.5	X	219.70462	176.32168	17.40436	10.22105	0.0156280	0.17454204	3.1710470	20	12 17.9	20.1
370358 2002 SQ_{29}	17.7	X	262.14081	276.91963	100.98402	3.28213	0.1999178	0.26560036	2.3969020	20	6 12.4	20.8
370359 2002 SO_{35}	17.4	X	302.91182	266.92149	72.41468	1.94222	0.2354235	0.26678379	2.3898085	20	6 10.1	19.4
370360 2002 SF_{42}	15.7	X	22.16725	51.25525	10.80091	6.90522	0.1311853	0.17691585	3.1426177	20	—	—
370361 2002 SV_{55}	17.6	X	281.51923	306.32041	65.88786	5.08533	0.2420069	0.26672775	2.3901431	20	6 23.2	20.4
370362 2002 SE_{62}	15.8	X	80.46122	21.62230	36.95156	17.82018	0.2770964	0.18522979	3.0478633	20	3 2.6	20.2
370363 2002 SQ_{63}	15.7	X	33.46156	338.62857	29.82165	9.85001	0.0630262	0.17217535	3.2000400	20	12 13.6	20.2
370364 2002 SX_{68}	18.3	X	302.67766	132.53874	192.99410	2.19133	0.2463208	0.26638556	2.3921896	20	5 18.1	20.9
370365 2002 SY_{70}	16.4	X	59.34959	45.17898	342.92197	1.04683	0.0928926	0.18252977	3.0778462	20	—	—
370366 2002 TF_{7}	15.4	X	32.64500	25.80569	15.83181	17.70195	0.2170948	0.17618176	3.1513412	20	—	—
370367 2002 TV_{7}	17.4	X	271.27106	207.88934	194.18500	2.78936	0.2352493	0.26801441	2.3824875	20	7 22.3	20.2
370368 2002 TE_{8}	17.2	X	290.51630	6.22992	4.77262	6.84345	0.1559308	0.26818327	2.3814872	20	7 24.0	19.8
370369 2002 TS_{18}	17.7	X	279.81470	22.25631	339.12196	1.95813	0.1890003	0.26576175	2.3959315	20	6 13.9	20.5
370370 2002 TX_{28}	15.6	X	37.07757	24.87861	33.49891	10.72504	0.2170134	0.17727336	3.1383911	20	—	—
370371 2002 TB_{34}	17.5	X	242.51485	133.24404	268.52179	1.25835	0.2126642	0.26363581	2.4087947	20	6 20.8	20.8
370372 2002 TQ_{42}	15.9	X	84.61674	2.75004	30.34646	18.42993	0.2056335	0.18164813	3.0877972	20	1 21.9	20.3
370373 2002 TH_{47}	16.7	X	243.68850	44.52040	8.29549	3.02766	0.1849101	0.26315517	2.4117268	20	7 10.9	20.0
370374 2002 TB_{49}	17.1	X	271.25479	18.39052	20.29553	5.03304	0.2334682	0.26576752	2.3958968	20	7 19.8	20.2
370375 2002 TU_{74}	15.9	X	110.55200	322.93688	22.05978	19.29104	0.2350879	0.18275609	3.0753047	20	—	—
370376 2002 TN_{84}	15.6	X	84.41353	134.13871	193.31796	22.21920	0.1005743	0.17402275	3.1773522	20	12 27.8	20.8
370377 2002 TO_{93}	15.5	X	31.09992	46.49455	21.09618	9.03975	0.1425628	0.18040621	3.1019519	20	—	—
370378 2002 TS_{94}	16.4	X	35.85386	194.74414	192.02461	10.63948	0.1077018	0.17587421	3.1550139	20	—	—
370379 2002 TJ_{107}	16.0	X	53.90162	172.85620	197.21851	0.67273	0.1594077	0.17353665	3.1832830	20	—	—
370380 2002 TV_{120}	15.2	X	11.29888	56.13149	9.82841	26.56762	0.2133655	0.17394586	3.1782885	20	—	—
370381 2002 TH_{122}	15.6	X	32.45259	74.85675	9.48412	25.58616	0.2627792	0.17920513	3.1157966	20	—	—
370382 2002 TW_{122}	15.5	X	97.06239	76.76953	299.22865	10.25792	0.1372815	0.18447890	3.0561283	20	1 2.8	19.6
370383 2002 TG_{123}	17.7	X	139.86960	170.97015	200.44442	21.32573	0.0856094	0.35756559	1.9659188	20	1 7.8	20.4
370384 2002 TV_{126}	17.4	X	340.21451	30.90774	261.98667	4.16055	0.2578780	0.26950505	2.3736942	20	6 18.2	18.6
370385 2002 TE_{127}	16.0	X	94.15775	62.94286	283.07129	7.54508	0.1408075	0.17959517	3.1112837	20	—	—
370386 2002 TD_{131}	17.3	X	297.48969	222.85499	111.09101	5.67279	0.2392220	0.26652638	2.3913469	20	5 24.4	20.0
370387 2002 TR_{132}	17.3	X	273.25920	100.08176	258.79995	3.84053	0.1384267	0.26386878	2.4073766	20	6 9.4	20.4
370388 2002 TS_{136}	15.8	X	48.49221	48.12084	350.52748	15.30806	0.2731634	0.17751517	3.1355405	20	—	—
370389 2002 TP_{145}	15.4	X	5.60797	80.77265	310.52797	15.04221	0.0897721	0.17335835	3.1854652	20	12 8.9	19.8
370390 2002 TD_{146}	15.7	X	34.57501	171.14951	259.14627	3.61280	0.2512997	0.17903454	3.1177755	20	—	—
370391 2002 TC_{152}	15.6	X	56.60318	356.23406	6.19953	9.12660	0.0673923	0.17504444	3.1649766	20	—	—
370392 2002 TQ_{166}	15.3	X	109.20239	58.67241	269.24343	13.38440	0.1553147	0.18031927	3.1029489	20	—	—
370393 2002 TJ_{167}	16.2	X	67.14628	142.48168	223.54742	19.90780	0.2523148	0.17848008	3.1242292	20	—	—
370394 2002 TW_{169}	15.4	X	35.45856	159.11916	266.07856	12.70413	0.1940882	0.17914011	3.1165504	20	—	—
370395 2002 TL_{170}	15.9	X	39.28517	81.54526	332.62500	15.39635	0.2416613	0.17795422	3.1303809	20	—	—
370396 2002 TU_{170}	15.4	X	78.62174	116.61131	280.81892	10.30437	0.2008623	0.18258192	3.0772601	20	1 12.3	19.1
370397 2002 TQ_{175}	15.2	X	77.92197	142.77470	242.47816	13.17494	0.1774051	0.18276124	3.0752469	20	—	—
370398 2002 TE_{176}	16.0	X	62.49258	15.14652	345.99773	10.10368	0.2146746	0.17550728	3.1594098	20	—	—
370399 2002 TW_{178}	14.9	X	121.85076	11.34635	305.12992	16.84396	0.1927975	0.17750015	3.1357173	20	—	—
370400 2002 TZ_{193}	16.7	X	49.87773	145.35251	251.95745	1.68428	0.2613539	0.17835526	3.1256866	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370401 2002 TW_{194}	16.5	X	99.98160	185.52761	197.41936	3.21957	0.2062010	0.18464550	3.0542898	20	1 23.0	20.7
370402 2002 TL_{237}	14.8	X	31.19220	161.34342	242.00643	21.32894	0.0981413	0.17441278	3.1726135	20	—	—
370403 2002 TZ_{248}	17.2	X	216.48007	0.77893	46.63458	3.88803	0.1726997	0.26011365	2.4304906	20	6 5.1	21.0
370404 2002 TM_{267}	16.3	X	102.41033	54.82039	295.28820	3.39636	0.3252171	0.18263788	3.0766314	20	1 4.1	20.6
370405 2002 TL_{271}	17.6	X	249.43342	50.20185	341.92906	3.22873	0.2470650	0.26333228	2.4106453	20	6 11.0	21.2
370406 2002 TD_{296}	17.4	X	262.03788	208.40086	161.67970	4.98071	0.2190812	0.26362158	2.4088814	20	5 30.8	20.9
370407 2002 TU_{305}	16.1	X	44.99255	219.27521	160.34055	9.65385	0.0769293	0.17500373	3.1654674	20	—	—
370408 2002 TJ_{312}	17.2	X	285.89760	273.11907	84.76874	7.46656	0.2111506	0.26535000	2.3984094	20	6 14.2	19.9
370409 2002 TW_{314}	15.8	X	27.25397	222.26893	177.14677	19.29659	0.2014697	0.17341301	3.1847958	20	—	—
370410 2002 TH_{315}	16.1	X	50.38854	231.05733	150.35151	12.22979	0.2249320	0.17523966	3.1626256	20	—	—
370411 2002 TY_{343}	16.6	X	54.16102	325.06674	52.53440	11.30195	0.2430280	0.17684632	3.1434413	20	—	—
370412 2002 TR_{359}	16.4	X	54.20779	21.75537	24.92802	2.52579	0.0978243	0.18125390	3.0922729	20	—	—
370413 2002 TU_{366}	16.5	X	17.02056	286.14103	112.27912	6.31997	0.1287338	0.17280631	3.1922457	20	—	—
370414 2002 TN_{377}	17.0	X	251.97179	181.55487	215.99668	5.38448	0.1213131	0.26329090	2.4108979	20	7 7.3	20.3
370415 2002 TS_{377}	16.1	X	247.92507	157.95870	9.71177	9.72761	0.0113153	0.17541349	3.1605358	20	12 21.8	20.7
370416 2002 TY_{378}	16.0	X	178.29545	230.10712	9.94336	8.85930	0.0667045	0.17498399	3.1657055	20	12 21.8	20.9
370417 2002 TG_{381}	16.7	X	109.29592	139.31241	166.91704	0.06090	0.1251849	0.17639984	3.1487433	20	12 31.8	21.6
370418 2002 TQ_{381}	18.2	X	241.34630	182.35810	209.94032	2.55627	0.1913925	0.26298888	2.4127434	20	6 9.4	21.9
370419 2002 UH_{3}	16.0	X	32.41856	276.09135	142.73693	14.19990	0.3061425	0.17518664	3.1632637	20	—	—
370420 2002 UE_{12}	14.7	X	53.88712	3.42023	347.54736	26.88697	0.1289541	0.17069129	3.2185614	20	12 31.8	19.8
370421 2002 UA_{25}	17.0	X	338.08311	250.82200	44.35315	2.79466	0.1856059	0.26435212	2.4044413	20	6 23.3	18.7
370422 2002 UF_{30}	17.4	X	184.95816	211.71284	236.48145	1.49938	0.1736863	0.25873634	2.4391084	20	6 28.5	21.4
370423 2002 UL_{35}	15.5	X	64.99145	135.20652	241.15640	4.10461	0.1410613	0.17580685	3.1558197	20	—	—
370424 2002 UP_{39}	15.8	X	22.14903	343.57732	43.40202	7.29410	0.1455606	0.17009693	3.2260547	20	—	—
370425 2002 UV_{59}	16.9	X	313.04321	243.61699	88.98429	8.77916	0.1646695	0.26579115	2.3957548	20	7 2.0	19.0
370426 2002 UL_{71}	17.0	X	179.93560	74.10273	357.84095	6.03066	0.1139479	0.25642493	2.4537438	20	6 1.7	20.7
370427 2002 UJ_{72}	17.8	X	254.34439	25.39342	0.15221	2.68393	0.1910592	0.26257925	2.4152520	20	6 14.4	21.2
370428 2002 UC_{77}	17.1	X	271.50582	281.03181	65.90722	7.38988	0.1572302	0.26025318	2.4296219	20	5 18.7	20.3
370429 2002 UZ_{78}	17.2	X	36.02090	269.65967	27.72711	6.99198	0.1187567	0.27264414	2.3554394	20	10 18.6	19.7
370430 2002 VE_{4}	16.2	X	1.51666	6.02749	45.09198	5.91627	0.1570926	0.17016465	3.2251988	20	—	—
370431 2002 VZ_{18}	17.1	X	250.91296	4.15607	45.69916	6.32090	0.2282691	0.26357760	2.4091493	20	7 9.8	20.7
370432 2002 VH_{51}	15.0	X	42.08081	343.96970	58.28256	18.77206	0.1229272	0.17531571	3.1617109	20	—	—
370433 2002 VP_{59}	15.7	X	95.69665	23.89462	66.54625	12.60002	0.0807919	0.18914898	3.0056152	20	3 29.5	20.1
370434 2002 VN_{64}	15.3	X	55.85047	317.34786	36.64691	24.46315	0.1089179	0.17134468	3.2103740	20	12 29.0	20.3
370435 2002 VW_{69}	15.4	X	35.96812	22.31481	40.74876	18.47674	0.2226599	0.17772535	3.1330679	20	—	—
370436 2002 VF_{86}	17.4	X	148.76433	113.37496	226.03730	19.35807	0.0974027	0.35207641	1.9862996	20	—	—
370437 2002 VK_{92}	17.0	X	260.98269	62.37767	0.54695	22.25969	0.2722569	0.26687741	2.3892495	20	8 12.9	20.5
370438 2002 VF_{97}	17.0	X	267.75070	93.36333	292.63100	3.93748	0.1539307	0.26434219	2.4045015	20	7 8.3	20.1
370439 2002 VM_{100}	16.9	X	187.93108	90.64370	349.44002	6.89361	0.1326613	0.25746929	2.4471040	20	6 21.9	20.7
370440 2002 VQ_{102}	16.8	X	312.75950	294.78669	36.62435	8.07832	0.2022373	0.26488172	2.4012354	20	6 22.8	19.1
370441 2002 VH_{112}	16.3	X	310.89011	63.90047	258.60573	13.90960	0.2551082	0.26126014	2.4233750	20	5 25.7	18.7
370442 2002 VV_{133}	15.9	X	22.47176	293.28295	87.56870	8.26718	0.2565972	0.17110746	3.2133405	20	—	—
370443 2002 WB_{8}	17.5	X	273.17842	304.11643	73.65816	6.22919	0.2483546	0.26328271	2.4109479	20	6 18.5	20.7
370444 2002 WF_{14}	17.2	X	244.66786	215.65329	199.02271	7.01613	0.1989282	0.26172335	2.4205147	20	7 10.8	20.7
370445 2002 WM_{21}	17.0	X	237.59560	317.50392	74.33182	15.41758	0.0879895	0.25852591	2.4404317	20	6 15.5	20.3
370446 2002 WC_{22}	16.4	X	55.13781	245.13517	114.11253	2.71403	0.1805609	0.17087280	3.2162817	20	—	—
370447 2002 WA_{24}	16.2	X	1.18197	197.48980	222.12025	5.02172	0.0862328	0.16903598	3.2395395	20	—	—
370448 2002 WB_{24}	16.3	X	46.97120	280.64783	90.12871	2.82260	0.1599849	0.17081132	3.2170535	20	—	—
370449 2002 XY_{12}	17.7	X	265.19238	276.96398	116.45606	3.01047	0.2067112	0.26332493	2.4106902	20	7 6.7	20.8
370450 2002 XT_{15}	15.3	X	11.77437	154.44218	283.58817	14.46481	0.1854924	0.17337709	3.1852357	20	—	—
370451 2002 XX_{22}	17.1	X	218.54205	349.64111	58.11036	7.10783	0.2093466	0.25701189	2.4500065	20	6 5.0	21.0
370452 2002 XC_{109}	15.5	X	32.47818	175.30479	263.89241	16.20347	0.1938553	0.17558161	3.1585181	20	—	—
370453 2002 XF_{121}	15.3	X	53.97227	300.57999	93.83209	13.87481	0.1637496	0.17574304	3.1565836	20	—	—
370454 2002 YM_{20}	16.6	X	79.89875	211.78933	284.85581	3.99745	0.2178677	0.24343778	2.5402555	20	5 18.9	19.9
370455 2002 YS_{36}	17.7	X	249.67102	316.25988	81.16200	5.58284	0.2288078	0.26151162	2.4218211	20	6 20.7	21.0
370456 2003 AV_{11}	16.3	X	87.02424	256.09790	255.84214	11.86920	0.1367403	0.24490208	2.5301197	20	6 6.7	19.6
370457 2003 AZ_{21}	17.1	X	243.46611	0.57966	43.83480	3.24434	0.2106736	0.25741198	2.4474672	20	6 25.5	20.7
370458 2003 AV_{39}	16.5	X	71.08759	5.61262	156.12213	6.00695	0.1867125	0.24278237	2.5448252	20	6 7.2	19.7
370459 2003 AV_{41}	16.1	X	62.49146	354.20777	146.38197	13.43286	0.2300369	0.23784619	2.5799141	20	5 6.5	19.3
370460 2003 AA_{57}	17.0	X	117.42575	64.10469	48.63251	2.86694	0.1674051	0.24438417	2.5336931	20	5 25.2	20.7
370461 2003 BR	15.6	X	324.65620	223.44368	329.03393	27.89514	0.1150995	0.23002752	2.6380489	20	1 22.3	19.3
370462 2003 BJ_{26}	16.0	X	66.20128	298.33231	232.97704	7.62765	0.1108265	0.24396893	2.5365672	20	5 31.2	18.9
370463 2003 BZ_{60}	16.4	X	64.69373	176.78406	316.18039	16.64083	0.1473599	0.23759879	2.5817047	20	3 30.8	19.8
370464 2003 BC_{66}	17.2	X	155.42363	312.49439	136.08631	7.54207	0.2080839	0.24629184	2.5205929	20	6 4.1	21.5
370465 2003 BG_{75}	16.3	X	38.82442	158.40338	0.94060	12.58436	0.0870779	0.23733641	2.5836071	20	3 26.9	19.2
370466 2003 DE_{4}	16.6	X	64.45033	146.73218	342.01998	18.09701	0.1251923	0.23659785	2.5889809	20	3 25.0	19.8
370467 2003 ES_{34}	16.3	X	11.32484	20.50677	189.51763	11.66732	0.1573833	0.23591788	2.5939532	20	4 25.4	18.7
370468 2003 EX_{46}	16.2	X	263.70538	336.69973	352.17261	7.49356	0.1562999	0.23809559	2.5781122	20	4 13.2	19.9
370469 2003 EJ_{63}	16.6	X	22.66225	186.04405	350.36920	12.94091	0.1116549	0.23260934	2.6184922	20	3 23.6	19.4
370470 2003 FH_{4}	16.3	X	351.64704	33.47195	141.56457	33.07398	0.1706459	0.22752540	2.6573543	20	1 24.9	19.4
370471 2003 FV_{33}	17.1	X	65.16845	325.58875	151.02828	4.17111	0.1699167	0.23164580	2.6257483	20	3 24.4	19.9
370472 2003 FE_{35}	17.4	X	280.08222	237.99369	0.64055	5.67522	0.0370472	0.22456787	2.6806347	20	1 29.3	21.1
370473 2003 FQ_{90}	16.2	X	349.07923	205.08465	351.88967	13.51438	0.1886527	0.22825028	2.6517251	20	2 20.4	19.1
370474 2003 FE_{100}	16.5	X	84.36369	10.28989	111.29359	6.25507	0.2623161	0.23618132	2.5920240	20	5 14.0	20.0
370475 2003 FF_{110}	17.0	X	4.32984	259.77542	276.84869	2.61678	0.1084814	0.22872498	2.6480549	20	2 22.6	19.8
370476 2003 FM_{116}	16.9	X	15.41514	64.65105	136.19073	3.29868	0.1017844	0.23479717	2.6022008	20	4 18.6	19.7
370477 2003 GO_{45}	16.9	X	42.06205	37.30356	91.17448	3.41266	0.1513740	0.22860188	2.6490054	20	2 27.1	19.6
370478 2003 HQ_{8}	16.6	X	313.72903	20.57071	189.26414	20.27376	0.2214625	0.22200504	2.7012254	20	1 4.9	20.8
370479 2003 HA_{46}	16.0	X	264.56057	188.42622	58.67763	13.87626	0.1470067	0.21859236	2.7292672	20	1 10.3	20.4
370480 2003 KY_{30}	16.9	X	217.78655	107.52529	199.43997	8.94645	0.1545494	0.21843202	2.7306027	20	2 3.5	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370481 2003 NQ_1	16.3	X	159.99555	4.29839	289.81310	7.37192	0.2827031	0.19980870	2.8977425	20	—	—
370482 2003 QA_{27}	18.0	X	49.15565	94.72009	227.27321	1.97947	0.2451537	0.30091803	2.2054840	20	12 28.9	21.1
370483 2003 QS_{38}	16.2	X	125.52699	28.71863	340.14692	8.06527	0.1825843	0.20043090	2.8917423	20	1 31.6	20.6
370484 2003 QX_{39}	17.7	X	21.23283	357.92871	329.85324	5.00715	0.1948156	0.29626837	2.2284994	20	11 25.4	20.3
370485 2003 QQ_{67}	17.8	X	50.00560	108.30721	202.22123	4.59021	0.2277478	0.30055844	2.2072427	20	12 13.7	21.0
370486 2003 QD_{73}	17.5	X	52.07167	340.73419	313.19118	7.03094	0.1776785	0.29638902	2.2278946	20	11 14.9	20.6
370487 2003 QW_{95}	16.9	X	133.47288	165.53350	179.58754	1.88995	0.1210974	0.19670841	2.9281103	20	1 3.3	21.1
370488 2003 RD_{16}	17.8	X	15.51673	41.56504	314.74686	3.26280	0.2109540	0.29813131	2.2192062	20	12 31.8	20.3
370489 2003 RN_{20}	16.2	X	116.56592	210.10754	164.24221	9.55859	0.2022053	0.19831108	2.9123131	20	1 28.4	20.6
370490 2003 RR_{20}	17.6	X	332.46306	359.96852	16.37840	6.78356	0.1879037	0.29285243	2.2457953	20	11 5.0	19.2
370491 2003 SE	17.5	X	64.21704	104.76474	169.66670	5.77972	0.2832042	0.29508658	2.2344454	20	11 17.2	21.0
370492 2003 SP_{15}	16.3	X	117.32843	341.99762	351.71462	11.05184	0.0880965	0.19328623	2.9625711	20	—	—
370493 2003 SR_{25}	16.0	X	130.07035	316.04562	357.55069	12.92394	0.1895625	0.19200690	2.9757161	20	—	—
370494 2003 SC_{26}	16.3	X	115.70840	226.72983	175.49443	8.17308	0.3162551	0.20038001	2.8922320	20	3 14.4	20.8
370495 2003 SR_{27}	17.3	X	20.66573	29.22741	313.75048	4.77548	0.1972948	0.29650799	2.2272986	20	12 17.5	19.8
370496 2003 SU_{28}	15.5	X	53.65344	169.78349	243.93887	8.64613	0.0502879	0.19336844	2.9617313	20	—	—
370497 2003 SJ_{34}	16.7	X	65.07421	222.21493	173.95201	8.14638	0.2118228	0.19208438	2.9749158	20	—	—
370498 2003 SD_{36}	15.4	X	178.17360	302.06652	16.21801	33.90166	0.2431062	0.20165612	2.8800174	20	2 6.9	21.0
370499 2003 SC_{55}	17.5	X	3.64427	92.66986	281.24082	3.34326	0.2150515	0.29738780	2.2229035	20	—	—
370500 2003 SA_{61}	17.8	X	0.39069	356.70283	26.41318	4.63219	0.2328364	0.29852580	2.2172507	20	—	—
370501 2003 SE_{73}	15.8	X	147.85690	26.36353	356.00330	15.00700	0.1494336	0.20438310	2.8543423	20	3 6.3	20.2
370502 2003 SO_{73}	16.9	X	75.68554	116.20431	268.27400	1.59640	0.2099430	0.19218384	2.9738893	20	—	—
370503 2003 SC_{75}	18.1	X	51.19947	144.69731	188.77109	4.48185	0.2419515	0.30090184	2.2055631	20	—	—
370504 2003 SM_{88}	17.5	X	39.63019	317.33420	4.32286	7.27176	0.1620160	0.29656589	2.2270087	20	12 6.2	20.5
370505 2003 ST_{93}	17.7	X	4.91342	134.13034	207.83677	5.27453	0.2082708	0.29280888	2.2460179	20	11 23.9	19.8
370506 2003 SL_{107}	17.5	X	34.38790	25.27042	303.51539	4.13873	0.2228796	0.29662851	2.2266953	20	12 19.1	20.3
370507 2003 SS_{128}	17.4	X	307.15681	160.70602	233.68741	6.82670	0.0915223	0.28984800	2.2612878	20	10 7.5	19.7
370508 2003 SU_{158}	16.1	X	134.90473	198.57080	211.74106	7.81255	0.3068142	0.20495122	2.8490651	20	4 6.4	21.0
370509 2003 SY_{160}	18.2	X	346.50908	344.92039	21.16368	3.71341	0.1729799	0.29411260	2.2393757	20	11 19.1	19.9
370510 2003 SL_{163}	17.7	X	224.78901	346.02261	13.99100	17.30109	0.1137213	0.38979641	1.8559980	20	4 8.2	19.8
370511 2003 SA_{187}	17.4	X	48.73518	257.61066	40.00009	6.13627	0.1942558	0.29566636	2.2315234	20	11 19.6	20.2
370512 2003 SP_{193}	16.5	X	133.90664	6.73444	7.27898	20.36139	0.1658435	0.20008654	2.8950593	20	2 20.3	21.2
370513 2003 SE_{197}	18.0	X	11.48191	121.32545	218.40551	6.30742	0.2316843	0.29502177	2.2347726	20	12 5.7	20.4
370514 2003 SK_{208}	18.1	X	15.93204	129.20916	225.99411	4.90416	0.1888061	0.29857117	2.2170261	20	12 26.9	20.7
370515 2003 SK_{222}	17.8	X	20.92715	350.74669	35.21026	5.48028	0.1446745	0.29954528	2.2122170	20	—	—
370516 2003 SG_{225}	16.5	X	143.98398	327.71980	36.84150	3.25882	0.2166222	0.20024671	2.8935154	20	2 16.0	21.2
370517 2003 SJ_{240}	18.6	X	282.44755	151.27597	276.04457	1.64092	0.1712464	0.29010067	2.2599746	20	10 3.2	20.5
370518 2003 SN_{253}	16.8	X	109.33144	46.40894	342.03555	4.06971	0.2674300	0.19813436	2.9140446	20	2 16.5	21.1
370519 2003 SN_{264}	17.7	X	346.45249	285.62920	75.51689	3.77625	0.1434777	0.29280242	2.2460510	20	11 8.4	19.4
370520 2003 SF_{273}	16.2	X	25.13892	90.43233	326.37546	9.51740	0.0875576	0.18862727	3.0111546	20	—	—
370521 2003 SL_{281}	15.4	X	6.55209	219.42331	250.83795	7.94257	0.0766943	0.19488801	2.9463159	20	—	—
370522 2003 SN_{283}	16.0	X	105.73246	87.12424	292.72431	8.34881	0.1164086	0.19820678	2.9133347	20	1 12.3	19.7
370523 2003 SH_{295}	16.5	X	180.87505	114.68997	208.65722	14.28376	0.1624434	0.20235076	2.8734225	20	1 22.5	21.4
370524 2003 SM_{295}	16.2	X	106.37064	40.72239	331.13393	9.33185	0.1039988	0.19566502	2.9385106	20	1 3.2	20.3
370525 2003 SO_{306}	15.5	X	120.91921	321.49197	349.48894	11.46886	0.0655040	0.18707758	3.0277608	20	—	—
370526 2003 SR_{306}	16.0	X	81.55884	165.06048	227.25706	18.37028	0.1769973	0.19160758	2.9798490	20	1 2.0	20.0
370527 2003 SD_{320}	18.1	X	301.47755	52.58729	352.32279	5.51221	0.0809943	0.28992913	2.2608659	20	10 14.6	20.4
370528 2003 SP_{320}	17.6	X	21.46416	333.75888	353.32658	6.87907	0.1417110	0.29249202	2.2476397	20	11 13.8	20.2
370529 2003 SK_{321}	16.0	X	112.23975	359.43677	336.38438	9.78199	0.2491675	0.19112733	2.9848386	20	—	—
370530 2003 SL_{321}	15.9	X	334.16570	152.60806	340.13424	9.12150	0.1039044	0.19038593	2.9925826	20	—	—
370531 2003 SN_{326}	16.9	X	359.68529	270.92418	175.89270	0.59480	0.0309826	0.19060916	2.9902456	20	—	—
370532 2003 SS_{335}	17.6	X	85.88679	95.84929	104.18517	6.48231	0.0984642	0.28028637	2.3124272	20	8 9.5	20.5
370533 2003 SD_{338}	17.3	X	125.04035	57.73806	318.06554	6.37550	0.0960712	0.20106831	2.8856277	20	1 27.6	21.4
370534 2003 SA_{339}	16.0	X	151.82793	252.98577	36.49873	11.65615	0.1727106	0.19157204	2.9802176	20	—	—
370535 2003 SJ_{372}	18.4	X	169.40533	307.89740	194.64251	4.08663	0.0844557	0.28643648	2.2792073	20	8 27.1	21.6
370536 2003 SV_{395}	16.4	X	57.40706	247.57398	153.39899	11.31287	0.0876078	0.18986370	2.9980676	20	—	—
370537 2003 SQ_{406}	15.8	X	150.30698	189.60096	118.31499	10.51790	0.1035531	0.19080119	2.9882390	20	—	—
370538 2003 SD_{410}	17.9	X	209.89561	293.70433	199.23758	4.51644	0.0673266	0.29234293	2.2484038	20	10 6.4	20.7
370539 2003 SK_{422}	17.8	X	45.94758	123.72512	120.62916	6.74065	0.1038877	0.28277392	2.2988457	20	8 17.6	20.4
370540 2003 SG_{429}	16.1	X	82.06219	57.70123	348.85748	12.46242	0.0378503	0.19563231	2.9388381	20	1 6.8	20.3
370541 2003 SJ_{430}	16.8	X	103.86619	135.37066	222.26015	11.54794	0.1451271	0.19164307	2.9794811	20	—	—
370542 2003 SH_{432}	16.7	X	92.29149	354.19506	356.31848	9.28299	0.0808038	0.19016046	2.9949476	20	—	—
370543 2003 TU_1	15.7	X	25.29718	34.37825	10.15759	9.86749	0.0353536	0.18374195	3.0642945	20	—	—
370544 2003 TA_{15}	17.6	X	302.28767	28.54720	23.10173	7.15993	0.2563900	0.29086604	2.2560084	20	10 13.8	18.5
370545 2003 TF_{15}	17.3	X	338.72055	336.86994	27.98269	7.41320	0.1305647	0.29119575	2.2543051	20	10 26.3	19.2
370546 2003 TO_{17}	17.8	X	312.82910	69.09448	316.94773	4.98314	0.1704237	0.28882932	2.2666016	20	9 30.4	19.4
370547 2003 TZ_{18}	15.5	X	71.83923	67.56003	11.35694	11.34349	0.0919240	0.19824047	2.9130046	20	2 10.8	19.4
370548 2003 TV_{23}	18.0	X	320.76577	52.58317	316.66509	5.96113	0.0702536	0.28894594	2.2659917	20	9 23.3	20.3
370549 2003 TU_{26}	16.0	X	188.48879	245.01333	338.22410	11.67354	0.0879801	0.18382983	3.0633179	20	12 12.4	20.8
370550 2003 UA_{12}	17.8	X	314.39246	331.67701	36.22065	5.87135	0.1569233	0.28546410	2.2843802	20	9 9.6	19.6
370551 2003 UP_{15}	17.2	X	341.02912	323.80259	31.64841	6.38540	0.1792183	0.28844812	2.2685981	20	10 20.8	18.6
370552 2003 UA_{23}	16.7	X	87.89334	327.53683	48.99076	5.56695	0.2048657	0.19026884	2.9938102	20	—	—
370553 2003 UD_{24}	17.2	X	314.21872	336.65448	43.22710	6.14110	0.1762637	0.28543476	2.2845367	20	9 28.1	18.8
370554 2003 UJ_{60}	15.9	X	110.49784	83.84164	274.68627	8.69423	0.0455048	0.19188980	2.9769265	20	—	—
370555 2003 UE_{67}	16.6	X	66.92605	47.56685	355.99618	8.84659	0.1349650	0.19286410	2.9668923	20	—	—
370556 2003 UV_{69}	16.9	X	86.19887	256.55792	147.19074	2.61053	0.0760622	0.19660857	2.9291015	20	1 10.9	20.9
370557 2003 UE_{83}	15.9	X	70.73131	291.88772	109.30355	6.17676	0.3014562	0.19066873	2.9896228	20	1 19.2	19.2
370558 2003 UU_{111}	17.7	X	287.16940	87.85326	334.35338	6.33485	0.0896146	0.29039318	2.2584567	20	10 13.6	20.0
370559 2003 UF_{120}	16.4	X	98.74481	181.53247	208.01363	11.20369	0.0241292	0.19473909	2.9478177	20	1 1.7	20.7
370560 2003 UL_{136}	17.8	X	330.94393	356.06636	41.81722	3.40713	0.1541708	0.29352889	2.2423435	20	12 5.1	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370561 2003 UB_{151}	15.9	X	91.34588	337.19836	43.56105	11.70577	0.1215978	0.19204976	2.9752733	20	—	—
370562 2003 UE_{168}	16.5	X	97.38838	0.99741	8.55795	7.72361	0.2533346	0.19191999	2.9766144	20	1 11.5	20.7
370563 2003 UM_{175}	16.5	X	40.92409	175.96998	220.60687	5.79395	0.1680165	0.18600351	3.0394054	20	—	—
370564 2003 UE_{180}	17.7	X	346.73602	197.90676	187.74467	6.06559	0.1940149	0.29354888	2.2422417	20	12 23.8	19.8
370565 2003 UD_{186}	17.2	X	295.92654	52.53957	9.48471	7.37252	0.1757377	0.28964321	2.2623536	20	10 22.3	18.8
370566 2003 UM_{186}	17.6	X	232.81355	198.60071	246.33489	3.96022	0.2139829	0.28114653	2.3077082	20	8 6.9	21.0
370567 2003 UJ_{187}	16.4	X	64.74879	203.04188	207.71375	13.14592	0.2002005	0.19057320	2.9906218	20	1 3.7	20.0
370568 2003 UV_{191}	17.0	X	340.95898	349.36518	14.62574	11.13260	0.0725454	0.28841622	2.2687654	20	10 21.7	19.3
370569 2003 UP_{195}	16.5	X	82.90826	329.45928	40.99478	5.06996	0.3035760	0.18937753	3.0031965	20	—	—
370570 2003 UQ_{201}	16.6	X	63.47967	228.76750	169.87556	9.87388	0.2815608	0.18969620	2.9998322	20	—	—
370571 2003 UV_{212}	17.2	X	283.82442	46.09694	34.76050	6.83366	0.1628934	0.28894968	2.2659722	20	10 29.8	18.8
370572 2003 US_{214}	17.8	X	358.83386	9.37294	356.63035	3.40472	0.1869359	0.29416120	2.2391290	20	12 14.8	20.0
370573 2003 UL_{225}	15.6	X	133.77288	88.94961	232.52434	9.25944	0.0627930	0.18906156	3.0065416	20	—	—
370574 2003 UA_{246}	17.6	X	313.76367	329.59063	56.24375	4.17576	0.2318152	0.28740474	2.2740854	20	10 3.7	18.7
370575 2003 UR_{254}	16.0	X	21.94683	354.38921	38.81740	6.47069	0.0603198	0.18207269	3.0829952	20	—	—
370576 2003 UL_{269}	15.7	X	113.11169	128.98014	235.37589	6.48462	0.1628027	0.19243701	2.9712805	20	1 8.7	20.0
370577 2003 UG_{270}	16.4	X	304.85116	94.23508	323.98450	20.57738	0.3064728	0.28749182	2.2736261	20	10 7.5	18.2
370578 2003 UD_{285}	16.5	X	336.18300	20.83989	55.80571	2.71718	0.0607390	0.18151975	3.0892528	20	12 23.8	20.5
370579 2003 UP_{305}	16.2	X	111.22558	313.62268	355.29959	10.75888	0.1837513	0.18663037	3.0325956	20	—	—
370580 2003 UE_{309}	16.2	X	93.09186	130.83309	221.26246	15.36710	0.1191866	0.18687840	3.0299117	20	—	—
370581 2003 UG_{317}	16.8	X	87.94294	2.17720	358.98155	9.04431	0.1305315	0.19181481	2.9777024	20	—	—
370582 2003 UW_{317}	16.5	X	110.06694	188.19497	197.82725	10.58597	0.1176368	0.19900158	2.9055723	20	1 22.6	20.7
370583 2003 UZ_{338}	16.7	X	184.57382	223.03272	42.63966	3.34363	0.0883644	0.19225056	2.9732013	20	—	—
370584 2003 UD_{363}	16.1	X	286.41741	80.70360	55.91639	11.78430	0.0560768	0.18384690	3.0631282	20	12 29.7	20.3
370585 2003 UT_{376}	16.8	X	142.89556	112.48902	247.33707	1.10299	0.0823361	0.20064340	2.8897003	20	1 25.9	21.0
370586 2003 WD_{14}	17.2	X	68.27194	6.70458	33.30857	0.70199	0.1654617	0.18956696	3.0011955	20	—	—
370587 2003 WN_{18}	16.3	X	103.88411	91.76873	281.42990	11.17509	0.2299061	0.19186750	2.9771572	20	1 17.8	20.5
370588 2003 WL_{29}	16.0	X	85.89390	94.23110	264.87967	9.49031	0.1194910	0.18572636	3.0424283	20	—	—
370589 2003 WX_{29}	15.8	X	19.57736	58.89404	27.09025	9.68506	0.0592956	0.18653868	3.0335893	20	—	—
370590 2003 WJ_{31}	17.3	X	262.55358	154.81004	285.43916	4.41615	0.1422540	0.28634343	2.2797011	20	9 19.9	19.8
370591 2003 WY_{33}	16.1	X	54.08476	355.18689	41.44019	7.61001	0.2339595	0.18628334	3.0363608	20	—	—
370592 2003 WN_{35}	15.7	X	97.15321	100.18249	283.73849	8.80339	0.1090437	0.19227194	2.9729809	20	1 6.4	19.6
370593 2003 WO_{35}	16.4	X	87.11659	7.00467	9.28193	11.01259	0.1972602	0.19005781	2.9960260	20	—	—
370594 2003 WL_{37}	17.6	X	253.98082	78.74092	338.11490	5.03015	0.1305522	0.28035763	2.3120353	20	8 8.5	20.5
370595 2003 WZ_{54}	15.6	X	46.11644	163.39659	259.60500	9.18171	0.0724336	0.18677089	3.0310744	20	—	—
370596 2003 WC_{68}	15.6	X	33.70235	147.13045	245.98877	14.48505	0.0368595	0.17965001	3.1106505	20	—	—
370597 2003 WN_{68}	16.6	X	60.06611	330.15969	74.02308	3.62766	0.2279900	0.18756253	3.0225395	20	—	—
370598 2003 WY_{85}	17.3	X	15.21007	76.72092	287.94651	4.59488	0.2529446	0.29505464	2.2346066	20	—	—
370599 2003 WS_{95}	17.4	X	307.27969	309.77990	64.82280	5.59136	0.1228714	0.28377051	2.2934602	20	9 8.6	19.5
370600 2003 WD_{100}	17.2	X	305.07394	356.45719	53.96917	8.30721	0.2260180	0.28757368	2.2731947	20	10 24.5	18.4
370601 2003 WB_{120}	17.5	X	284.62924	344.15108	56.97491	6.67692	0.1805161	0.28226941	2.3015840	20	8 28.7	19.9
370602 2003 WK_{132}	18.2	X	316.57643	310.69193	99.87218	0.67789	0.1952427	0.28968561	2.2621328	20	11 25.1	19.6
370603 2003 WT_{136}	15.2	X	24.32957	167.54599	245.67143	21.49774	0.1397671	0.18120132	3.0928710	20	—	—
370604 2003 WC_{155}	15.7	X	90.78816	288.36464	98.19061	11.56988	0.1336450	0.18984926	2.9982196	20	1 5.3	19.5
370605 2003 WE_{161}	16.5	X	18.28700	331.35035	75.90341	5.89456	0.1210812	0.18017432	3.1046129	20	—	—
370606 2003 WT_{161}	15.5	X	3.50422	320.58823	100.47065	12.23485	0.0630321	0.17959238	3.1113159	20	—	—
370607 2003 WR_{162}	16.1	X	13.66111	326.63993	82.07902	6.06911	0.1403922	0.18059151	3.0998297	20	—	—
370608 2003 WE_{182}	18.5	X	299.39612	271.21076	161.74709	1.17627	0.1775095	0.29179732	2.2512057	20	11 21.2	19.9
370609 2003 WE_{189}	16.0	X	80.62974	220.92492	179.92735	16.96440	0.2707275	0.19001998	2.9964235	20	1 26.5	20.0
370610 2003 XR_{16}	15.7	X	349.55984	310.03425	111.85496	12.82465	0.1438478	0.17673706	3.1447367	20	12 29.6	19.4
370611 2003 XW_{20}	17.8	X	288.36196	60.53552	3.01400	2.24662	0.1818268	0.28600106	2.2815200	20	10 7.5	19.8
370612 2003 YR_{3}	17.4	X	159.11307	148.16036	275.63280	18.09230	0.0762088	0.38216754	1.8806162	20	4 14.4	20.0
370613 2003 YP_{4}	15.3	X	340.27464	116.81292	316.07688	20.04502	0.1950388	0.17370151	3.1812685	20	—	—
370614 2003 YX_{5}	15.4	X	0.12741	166.54572	287.17667	15.69157	0.1725773	0.17841605	3.1249766	20	—	—
370615 2003 YK_{12}	15.6	X	294.13766	158.41099	316.93271	12.81141	0.1115086	0.17204715	3.2016294	20	12 4.9	19.9
370616 2003 YO_{16}	15.8	X	327.58769	175.11898	294.29813	7.01683	0.2319889	0.17529340	3.1619791	20	—	—
370617 2003 YL_{19}	16.2	X	349.53303	338.38282	86.42641	5.27282	0.1126018	0.17703714	3.1411822	20	12 30.4	20.0
370618 2003 YS_{20}	15.6	X	41.58455	317.06116	89.32610	6.38677	0.1565546	0.17918074	3.1160792	20	—	—
370619 2003 YU_{22}	16.3	X	6.35323	56.83871	24.61059	6.82873	0.1466827	0.17801642	3.1296517	20	—	—
370620 2003 YR_{27}	17.7	X	251.35926	195.41716	233.49382	1.37045	0.1981313	0.28015643	2.3131421	20	8 9.9	20.5
370621 2003 YF_{28}	16.4	X	74.46769	325.07660	82.41376	5.43091	0.2686271	0.18993139	2.9973552	20	1 29.3	20.0
370622 2003 YC_{40}	17.1	X	137.07099	223.96346	303.65054	6.27979	0.0797315	0.27140804	2.3625858	20	8 21.8	20.3
370623 2003 YN_{48}	17.4	X	296.74756	341.77321	76.53338	2.66929	0.1984083	0.28614012	2.2807808	20	10 17.5	19.0
370624 2003 YK_{52}	15.2	X	312.74917	204.23542	282.70827	13.61907	0.2416260	0.17456018	3.1708274	20	—	—
370625 2003 YA_{53}	17.5	X	331.96718	135.61374	246.69344	5.10463	0.1479419	0.28841164	2.2687895	20	11 9.6	19.2
370626 2003 YS_{55}	15.1	X	96.85553	268.00602	87.69824	12.15551	0.1179014	0.18399858	3.0614446	20	—	—
370627 2003 YY_{56}	15.3	X	29.06944	323.00636	89.03232	13.26321	0.0955254	0.18009926	3.1054754	20	—	—
370628 2003 YB_{75}	16.6	X	9.79600	149.87277	293.16062	6.08790	0.2682364	0.18143264	3.0902416	20	—	—
370629 2003 YL_{107}	16.8	X	234.42528	208.36332	262.42081	5.63477	0.1417024	0.28013369	2.3132673	20	9 21.7	19.9
370630 2003 YM_{115}	17.4	X	129.67169	141.71386	297.96243	19.50905	0.0896186	0.37858814	1.8924513	20	3 24.6	20.0
370631 2003 YK_{117}	17.5	X	175.98316	101.36595	283.66962	19.08040	0.0822906	0.37804700	1.8942568	20	3 4.9	20.2
370632 2003 YK_{119}	17.6	X	229.56853	47.85804	54.40990	5.59242	0.1721425	0.27895748	2.3197653	20	9 5.8	20.8
370633 2003 YK_{123}	17.8	X	317.17642	96.20719	299.94311	2.55654	0.2756527	0.28612919	2.2808389	20	10 29.5	18.4
370634 2003 YH_{128}	15.8	X	337.95499	155.80741	329.78924	10.00764	0.1859928	0.17795820	3.1303343	20	—	—
370635 2003 YX_{146}	16.0	X	43.45554	138.47991	289.48939	4.80147	0.1593507	0.18197797	3.0840649	20	—	—
370636 2003 YA_{156}	15.7	X	40.42851	175.13716	273.51867	16.91366	0.2119239	0.18307028	3.0717850	20	1 11.0	19.0
370637 2003 YV_{157}	17.7	X	340.20129	34.76439	328.33340	5.12856	0.1862736	0.28837751	2.2689685	20	10 29.3	19.4
370638 2003 YE_{166}	15.5	X	308.19775	198.09434	295.10563	9.27343	0.0363797	0.17544707	3.1601325	20	—	—
370639 2003 YR_{174}	17.4	X	225.87456	345.53806	107.68123	5.41596	0.1309698	0.27602282	2.3361787	20	8 23.5	20.5
370640 2003 YR_{176}	15.6	X	115.16909	221.56337	70.52354	9.79128	0.1459571	0.17721587	3.1390698	20	12 21.9	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370641 2004 AO_{17}	17.6	X	280.66744	251.26841	120.67017	8.63992	0.1348682	0.27264157	2.3554542	20	7 10.5	20.1
370642 2004 BV_{17}	16.8	X	136.37358	146.59311	23.48439	10.85118	0.1430021	0.27029716	2.3690545	20	9 2.4	20.5
370643 2004 BJ_{26}	17.9	X	293.26920	273.91332	144.21381	2.09967	0.2031485	0.28268033	2.2993531	20	10 6.7	19.6
370644 2004 BE_{31}	16.3	X	13.47258	5.94858	82.89648	3.65927	0.2903464	0.17841904	3.1249417	20	—	—
370645 2004 BB_{41}	16.5	X	10.35271	296.89681	113.42357	7.29975	0.2370248	0.17590762	3.1546144	20	—	—
370646 2004 BZ_{51}	17.5	X	229.19525	309.89049	136.54807	5.76438	0.1945262	0.27414508	2.3468342	20	8 8.4	21.0
370647 2004 BP_{55}	16.7	X	64.94736	209.25963	240.26922	0.81112	0.2572358	0.18764172	3.0216891	20	3 5.2	20.1
370648 2004 BQ_{68}	17.6	X	151.51722	297.49092	169.79999	22.71582	0.2333810	0.38793736	1.8619227	20	6 27.6	21.0
370649 2004 BM_{70}	15.9	X	28.81746	314.62726	98.47144	6.14040	0.1729889	0.17662104	3.1461138	20	—	—
370650 2004 BP_{77}	17.7	X	290.66519	292.66834	116.58701	7.43373	0.2060692	0.28075598	2.3098479	20	9 17.9	19.7
370651 2004 BX_{102}	16.2	X	278.95199	85.74400	354.14895	19.36398	0.4116394	0.28265859	2.2994709	20	9 3.3	18.5
370652 2004 BF_{112}	18.0	X	229.58286	199.52882	265.19706	1.47104	0.1781254	0.27642893	2.3338900	20	9 4.2	21.2
370653 2004 BK_{136}	17.3	X	261.39917	62.16119	328.83561	6.95399	0.1058323	0.27091400	2.3654572	20	7 16.0	20.2
370654 2004 BH_{149}	16.0	X	41.84035	107.59320	305.10153	16.71850	0.2088774	0.17995333	3.1071541	20	—	—
370655 2004 CD_{8}	17.9	X	205.30887	130.76415	330.27722	2.20025	0.1725026	0.27140551	2.3626004	20	8 5.1	21.5
370656 2004 CQ_{28}	17.2	X	329.38356	9.29045	348.28415	2.37334	0.2325248	0.27827860	2.3235366	20	9 22.0	18.2
370657 2004 CQ_{37}	16.9	X	192.99282	185.33379	295.41764	9.30959	0.1390444	0.27147599	2.3621915	20	8 18.0	20.6
370658 2004 CC_{50}	15.5	X	56.04014	82.81221	339.50565	25.18530	0.2307532	0.18078191	3.0976528	20	1 20.7	19.3
370659 2004 CL_{50}	17.3	X	56.30771	152.41708	355.93008	19.85331	0.0638038	0.37172851	1.9156616	20	3 21.5	18.7
370660 2004 CV_{51}	17.3	X	169.30658	214.08149	166.02100	24.25573	0.1015139	0.37064197	1.9194037	20	3 4.5	19.3
370661 2004 CA_{61}	17.2	X	120.24787	170.78378	17.34012	6.71898	0.1558285	0.26871149	2.3783653	20	9 7.7	20.9
370662 2004 CA_{81}	15.3	X	340.73298	121.83707	345.92435	26.52086	0.2176820	0.17304533	3.1893056	20	—	—
370663 2004 CV_{83}	17.0	X	275.86733	85.57130	326.26731	8.37454	0.1026062	0.27412688	2.3469381	20	9 4.8	19.6
370664 2004 CB_{97}	15.8	X	352.14403	280.78233	189.55892	9.29716	0.2095559	0.17700441	3.1415694	20	—	—
370665 2004 CH_{102}	16.7	X	344.23586	281.76891	181.79272	15.07303	0.3122320	0.17520895	3.1629951	20	—	—
370666 2004 CA_{111}	15.6	X	355.20310	97.26328	11.92593	15.83924	0.2160669	0.17578726	3.1560541	20	—	—
370667 2004 CO_{112}	15.1	X	339.77177	124.92103	333.22456	20.89253	0.0648025	0.17320682	3.1873229	20	—	—
370668 2004 CF_{115}	16.3	X	353.02274	265.90915	190.87329	15.54490	0.2258375	0.17590349	3.1546637	20	—	—
370669 2004 DN_{13}	16.0	X	3.56528	121.81739	346.23530	9.17247	0.1992184	0.17775238	3.1327502	20	—	—
370670 2004 DF_{25}	17.9	X	346.04212	347.82169	162.99741	24.31313	0.0673445	0.36077156	1.9542548	20	—	—
370671 2004 DR_{35}	17.0	X	178.20041	307.78606	197.76924	6.14368	0.0961573	0.27115167	2.3640747	20	9 7.9	20.5
370672 2004 DQ_{37}	16.6	X	176.05197	112.07111	5.67973	7.76469	0.1715652	0.26563732	2.3966797	20	7 31.8	20.5
370673 2004 DE_{38}	17.2	X	171.59648	356.20145	134.37786	2.79980	0.1499866	0.26766957	2.3845332	20	8 11.3	20.7
370674 2004 EG_{16}	17.4	X	118.50234	156.14380	338.82606	1.98598	0.1448903	0.25881064	2.4386415	20	6 23.1	20.8
370675 2004 EN_{30}	17.4	X	225.19156	273.81848	196.54258	5.88216	0.0729666	0.27158743	2.3615453	20	9 20.2	20.3
370676 2004 EK_{60}	15.8	X	1.70666	285.15356	220.15467	9.68678	0.3028506	0.17765744	3.1338662	20	—	—
370677 2004 EK_{62}	17.5	X	186.26910	23.05814	77.79737	0.95519	0.1579782	0.26403953	2.4063387	20	7 17.2	21.3
370678 2004 ER_{64}	17.3	X	116.65410	71.56686	10.90976	20.43986	0.1038581	0.37231305	1.9136560	20	3 28.5	19.0
370679 2004 ED_{72}	15.2	X	216.34427	332.80883	170.83348	14.92741	0.0916858	0.15452718	3.4392688	20	10 6.3	20.4
370680 2004 EE_{77}	17.4	X	105.88470	153.82178	35.15401	3.22688	0.1665502	0.26324389	2.4111849	20	8 24.7	21.0
370681 2004 ER_{78}	16.8	X	152.26052	88.50668	35.71277	2.80332	0.1213484	0.26133944	2.4228847	20	7 14.1	20.4
370682 2004 ES_{98}	17.4	X	110.93226	134.45312	6.59889	7.55325	0.0518475	0.25698791	2.4501589	20	6 9.7	20.8
370683 2004 FL_{1}	17.9	X	139.43212	30.53078	349.83935	18.44677	0.0963078	0.36420898	1.9419392	20	2 2.1	20.2
370684 2004 FM_{1}	18.0	X	78.92126	287.18610	187.66473	26.00843	0.0689791	0.36874056	1.9259963	20	3 7.6	19.8
370685 2004 FJ_{7}	17.6	X	230.33637	265.75077	166.94474	6.20898	0.0911810	0.26654939	2.3912093	20	8 1.9	20.8
370686 2004 FS_{123}	17.2	X	249.68101	348.12169	30.44616	2.77806	0.1995952	0.25429613	2.4674189	20	5 29.5	20.9
370687 2004 GZ_{26}	16.0	X	309.25358	116.28116	135.36169	13.39572	0.1399229	0.23938602	2.5688388	20	3 7.2	19.3
370688 2004 GD_{28}	17.3	X	217.30355	92.61194	219.23930	25.03031	0.5620958	0.22618744	2.6678233	20	1 29.2	23.6
370689 2004 GB_{46}	17.3	X	89.08166	103.41154	73.11481	2.44742	0.1165746	0.25575735	2.4580118	20	7 11.2	20.4
370690 2004 GZ_{56}	17.4	X	58.44037	54.90096	163.66377	2.14363	0.1012692	0.25775990	2.4452643	20	7 25.1	20.3
370691 2004 GL_{63}	15.3	X	264.74861	70.75845	5.56363	5.26772	0.0906366	0.14812675	3.5376407	20	9 8.9	20.1
370692 2004 HW_{32}	16.9	X	112.42792	158.57189	24.68989	6.67083	0.0762840	0.26183752	2.4198111	20	8 17.1	20.3
370693 2004 HA_{33}	16.9	X	88.52875	83.10006	99.96814	5.67261	0.1367855	0.25686649	2.4509310	20	7 22.8	20.1
370694 2004 HA_{56}	16.6	X	252.85438	170.63808	109.99313	13.18647	0.2523705	0.23352691	2.6116286	20	1 30.2	21.1
370695 2004 HA_{61}	17.7	X	248.05823	124.22525	161.97896	9.57926	0.2070868	0.23178709	2.6246811	20	2 2.7	22.0
370696 2004 JA_{3}	16.6	X	342.52829	187.25698	52.65010	13.36953	0.0905927	0.24369418	2.5384733	20	4 19.7	19.6
370697 2004 JL_{5}	16.1	X	285.63998	143.17409	122.54615	18.99241	0.2134092	0.23525139	2.5988502	20	2 14.7	20.0
370698 2004 JP_{10}	17.1	X	291.57179	43.47947	187.63862	12.62202	0.1929896	0.23422515	2.6064358	20	1 8.7	21.2
370699 2004 JD_{32}	16.7	X	266.13508	178.96531	89.51171	5.93599	0.1785861	0.23454905	2.6040357	20	2 2.0	20.7
370700 2004 KV_{11}	16.3	X	225.70037	230.68435	107.09765	14.39470	0.2138496	0.23551895	2.5968816	20	3 23.4	20.9
370701 2004 MP_{5}	16.4	X	242.33886	133.96849	180.62102	13.02076	0.2669526	0.23315385	2.6144138	20	2 27.5	21.0
370702 2004 NC_{9}	17.4	X	242.67890	259.20392	335.25404	23.92817	0.5575526	0.22305816	2.6927165	20	—	—
370703 2004 PS_{19}	16.6	X	173.96202	26.54538	350.53881	10.16802	0.3324110	0.22037032	2.7145675	20	3 25.0	21.7
370704 2004 PD_{21}	16.5	X	176.56162	233.39294	154.81207	9.48810	0.2738120	0.22462215	2.6802028	20	4 11.6	21.4
370705 2004 PH_{33}	16.1	X	186.96378	26.48512	336.93531	10.50252	0.0575486	0.22532671	2.6746129	20	3 12.5	19.9
370706 2004 PN_{46}	16.8	X	203.04108	31.13488	312.30381	10.73543	0.1750543	0.22425920	2.6830939	20	3 3.2	21.3
370707 2004 PV_{52}	16.8	X	165.34509	18.92562	352.06397	9.17269	0.2685743	0.22011649	2.7166540	20	3 11.8	21.7
370708 2004 PQ_{75}	16.4	X	184.35047	130.83151	203.04072	8.67219	0.1598241	0.21926015	2.7237228	20	2 5.9	21.0
370709 2004 PP_{92}	16.7	X	168.73848	138.83968	230.61185	8.29949	0.2474668	0.21991391	2.7183221	20	3 8.4	21.6
370710 2004 PG_{97}	16.3	X	176.51099	3.51751	342.63115	12.79362	0.1997007	0.22099926	2.7094148	20	2 19.3	20.9
370711 2004 PA_{100}	16.4	X	167.87494	310.93685	24.04129	18.27288	0.2901870	0.21322705	2.7748607	20	2 10.6	21.6
370712 2004 QK_{5}	16.3	X	208.41100	357.02296	2.21689	14.54771	0.2641271	0.22668755	2.6638981	20	3 27.3	21.1
370713 2004 QW_{12}	16.4	X	198.12117	176.59564	108.54993	11.39818	0.2996564	0.21704009	2.7422650	20	—	—
370714 2004 QS_{21}	16.3	X	215.20786	15.24997	292.63476	6.87659	0.1170791	0.22117392	2.7079882	20	2 4.0	20.5
370715 2004 RE_{4}	16.5	X	160.32249	243.77698	121.87702	10.07537	0.2421786	0.21866988	2.7286221	20	3 3.1	21.2
370716 2004 RJ_{4}	16.1	X	150.09904	24.42389	9.77789	19.90383	0.1867525	0.22014984	2.7163797	20	3 24.2	20.4
370717 2004 RQ_{11}	16.9	X	135.47311	245.06703	170.26291	13.74281	0.2065563	0.22119213	2.7078396	20	4 7.4	21.2
370718 2004 RY_{11}	16.5	X	170.16301	72.67487	348.09769	12.21466	0.2560949	0.22607227	2.6687293	20	5 8.2	21.5
370719 2004 RA_{13}	16.3	X	226.92716	325.48700	7.16182	10.59076	0.1120570	0.22501600	2.6770745	20	3 18.7	20.4
370720 2004 RW_{39}	16.4	X	178.15291	346.17540	0.17048	6.60707	0.1437479	0.21954689	2.7213507	20	2 18.8	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370721 2004 RF_{53}	16.7	X	188.95225	240.63268	159.69743	13.66960	0.2560278	0.22627130	2.6671641	20	5 5.7	21.6
370722 2004 RT_{56}	15.9	X	196.44464	284.97592	13.75946	12.17357	0.1589967	0.21501597	2.7594482	20	1 11.7	20.6
370723 2004 RC_{57}	18.1	X	198.45974	167.70533	138.75089	5.95135	0.2835429	0.28076148	2.3098176	20	1 15.5	22.1
370724 2004 RM_{57}	16.5	X	126.93024	31.40958	10.09967	12.16588	0.3163189	0.21480361	2.7612666	20	3 23.1	21.0
370725 2004 RC_{58}	16.7	X	129.31512	255.10772	140.66180	4.68475	0.2381956	0.21523169	2.7576040	20	3 11.2	21.1
370726 2004 RH_{65}	16.3	X	214.78080	329.12346	2.33026	11.84885	0.1975123	0.22295961	2.6935100	20	3 4.4	20.8
370727 2004 RA_{69}	16.3	X	157.58971	345.65941	10.65860	9.56668	0.2263336	0.21549340	2.7553709	20	2 19.2	21.0
370728 2004 RV_{69}	16.4	X	215.77226	340.64066	2.52969	6.24849	0.0566156	0.22472211	2.6794080	20	3 21.6	20.4
370729 2004 RV_{74}	16.2	X	156.70182	337.20088	16.82259	13.18982	0.1481729	0.21469400	2.7622063	20	2 12.5	20.7
370730 2004 RQ_{75}	17.1	X	225.08306	264.30749	67.56843	1.90420	0.2387701	0.22444399	2.6816210	20	3 10.1	21.8
370731 2004 RJ_{82}	17.0	X	250.94980	130.63811	201.42834	2.26960	0.1338675	0.23120896	2.6290546	20	4 8.5	20.9
370732 2004 RV_{84}	16.8	X	207.63679	124.56501	163.86806	33.31812	0.3188948	0.21939220	2.7226298	20	1 8.4	22.4
370733 2004 RH_{87}	16.8	X	109.77451	76.81002	319.87799	12.06844	0.2223792	0.21178454	2.7874465	20	2 18.1	20.8
370734 2004 RV_{112}	16.0	X	189.24114	45.48923	308.82029	15.11457	0.2528173	0.22014508	2.7164188	20	3 3.4	21.0
370735 2004 RD_{113}	16.4	X	217.20050	134.18581	258.44140	16.40527	0.3136229	0.22636258	2.6664470	20	5 10.1	21.5
370736 2004 RQ_{124}	17.4	X	142.15413	195.93367	209.23714	3.13902	0.1479336	0.22076153	2.7113596	20	3 24.4	21.5
370737 2004 RU_{125}	17.0	X	113.06798	255.62342	173.10885	12.32323	0.2348542	0.21762133	2.7373799	20	4 4.9	21.1
370738 2004 RV_{131}	17.6	X	143.30223	202.45534	155.24305	4.39895	0.1113519	0.21468868	2.7622519	20	1 24.8	21.6
370739 2004 RN_{142}	17.5	X	198.72368	15.37388	333.64125	4.27873	0.1700212	0.22213164	2.7001990	20	3 9.1	22.0
370740 2004 RR_{146}	16.6	X	192.59241	321.03159	356.50828	8.77901	0.1396227	0.21741707	2.7390942	20	1 29.8	21.1
370741 2004 RP_{157}	16.5	X	127.18047	124.51040	315.67168	10.63136	0.0443856	0.22457254	2.6805975	20	4 4.3	20.4
370742 2004 RC_{158}	16.9	X	184.94272	69.59680	301.22877	4.03917	0.1654439	0.22319707	2.6915992	20	3 21.9	21.5
370743 2004 RG_{159}	16.5	X	183.17685	150.38034	224.79155	5.41603	0.1453287	0.22310599	2.6923317	20	3 25.5	20.8
370744 2004 RL_{159}	17.1	X	176.69296	214.69607	229.79209	3.21333	0.0986874	0.23341067	2.6124957	20	6 15.8	21.0
370745 2004 RT_{159}	15.6	X	212.28035	344.54792	331.76508	15.37029	0.2271905	0.21980260	2.7192397	20	2 12.6	20.2
370746 2004 RZ_{162}	16.2	X	159.43569	165.14791	214.96833	16.79414	0.2988167	0.21750257	2.7383763	20	3 16.0	21.3
370747 2004 RY_{179}	16.2	X	195.36974	122.81316	208.60917	13.46947	0.1278979	0.21880329	2.7275130	20	2 10.6	20.9
370748 2004 RW_{181}	16.7	X	225.16491	121.72243	207.44160	7.83487	0.2498289	0.22487193	2.6782178	20	3 3.4	21.4
370749 2004 RH_{186}	17.0	X	151.77220	175.41522	218.01592	7.55143	0.2322942	0.21919563	2.7242573	20	3 24.1	21.6
370750 2004 RU_{191}	16.2	X	175.12779	176.74317	207.66831	11.73315	0.3273666	0.22049309	2.7135598	20	4 3.7	21.2
370751 2004 RZ_{198}	16.2	X	166.75954	27.60792	334.17108	9.60023	0.3092459	0.21623433	2.7490731	20	3 3.1	21.1
370752 2004 RA_{209}	16.4	X	182.90312	140.21241	199.86628	17.54558	0.1540572	0.22022790	2.7157378	20	2 9.9	21.2
370753 2004 RB_{214}	16.2	X	172.21934	103.69776	227.09052	18.77605	0.2762522	0.21422646	2.7662238	20	1 25.5	21.5
370754 2004 RJ_{228}	16.7	X	147.00922	181.08150	220.83186	4.30207	0.1139389	0.21785244	2.7354436	20	3 21.9	20.9
370755 2004 RZ_{231}	16.7	X	161.44032	336.53276	13.20740	6.33028	0.0244222	0.21220020	2.7838053	20	1 29.6	20.7
370756 2004 RT_{248}	15.9	X	148.06417	143.15268	232.66782	24.86216	0.1477274	0.21493948	2.7601028	20	2 14.7	20.7
370757 2004 RL_{250}	16.1	X	192.78161	164.06816	187.83494	34.94746	0.1507310	0.22108214	2.7087376	20	3 6.2	20.8
370758 2004 RZ_{252}	15.8	X	142.80097	77.80964	316.95374	23.80423	0.1971312	0.21439961	2.7647343	20	3 7.1	20.6
370759 2004 RR_{253}	16.6	X	135.72875	251.18223	154.55404	16.62706	0.2663418	0.21782284	2.7356914	20	4 2.4	21.3
370760 2004 RQ_{255}	16.4	X	168.15323	281.86663	71.62569	13.45633	0.2458502	0.21668564	2.7452546	20	2 27.9	21.4
370761 2004 RB_{257}	16.2	X	314.56350	232.13377	348.82277	9.19738	0.0500855	0.22126913	2.7072113	20	2 18.3	19.8
370762 2004 RH_{264}	17.2	X	156.61632	8.83502	5.18227	4.06635	0.1543254	0.21836911	2.7311271	20	3 2.7	21.3
370763 2004 RZ_{271}	16.9	X	324.47075	207.30005	6.45936	1.78940	0.0854278	0.22224607	2.6992721	20	2 16.0	20.3
370764 2004 RM_{277}	17.3	X	153.65053	64.27715	3.00356	11.16878	0.2791988	0.22334288	2.6904276	20	5 5.6	22.2
370765 2004 RR_{283}	17.0	X	336.62739	203.19843	359.63923	9.36674	0.1187105	0.22193321	2.7018082	20	2 17.3	20.3
370766 2004 RJ_{285}	16.9	X	137.67868	18.99806	12.87235	4.26749	0.2386892	0.21667181	2.7453714	20	3 13.7	21.2
370767 2004 RX_{294}	17.0	X	153.61986	38.88010	344.38783	5.43224	0.0624876	0.21905008	2.7254639	20	3 2.7	20.7
370768 2004 RN_{301}	17.0	X	202.62224	15.91300	29.32308	3.30085	0.1220703	0.23037597	2.6353882	20	5 21.9	20.9
370769 2004 RM_{303}	16.6	X	333.43062	14.21460	204.26355	9.25636	0.0688460	0.22468085	2.6797360	20	3 4.6	20.0
370770 2004 RK_{304}	17.5	X	160.08049	162.79857	208.87111	5.71675	0.0545552	0.21971499	2.7199625	20	2 21.7	21.4
370771 2004 RX_{309}	16.3	X	178.47249	208.46085	130.60623	10.09503	0.1691987	0.21784508	2.7355052	20	2 10.5	20.8
370772 2004 RK_{314}	16.8	X	227.64621	288.80052	3.71387	6.67470	0.0955660	0.21807725	2.7335634	20	2 2.0	21.0
370773 2004 RY_{317}	16.8	X	189.67352	143.62787	216.69846	5.09610	0.1491767	0.22288270	2.6941295	20	3 13.5	21.1
370774 2004 RK_{328}	16.5	X	141.30318	80.90540	334.89014	8.26007	0.1926568	0.21850495	2.7299951	20	4 6.8	21.0
370775 2004 RR_{335}	17.2	X	95.31642	181.48650	246.84325	3.41421	0.1913345	0.21167362	2.7884202	20	3 6.6	21.0
370776 2004 RW_{335}	16.5	X	120.25239	202.98550	223.19488	6.07029	0.2013653	0.21560753	2.7543985	20	4 2.2	20.6
370777 2004 RV_{339}	16.2	X	126.90109	3.04063	18.36131	9.83045	0.1719679	0.21289375	2.7777561	20	2 16.7	20.4
370778 2004 RL_{356}	17.1	X	173.05835	68.16663	282.56622	1.59006	0.0978166	0.21533314	2.7567379	20	2 15.1	21.2
370779 2004 SO_{16}	15.6	X	77.22262	313.35133	166.89893	34.18457	0.2279928	0.21818649	2.7326508	20	5 1.0	19.9
370780 2004 SQ_{24}	17.0	X	161.61830	35.23728	329.36998	7.46188	0.1768948	0.21929846	2.7234056	20	2 25.2	21.3
370781 2004 SA_{40}	16.0	X	144.30656	40.27049	28.91442	15.32274	0.2580634	0.21875892	2.7278817	20	5 1.3	20.6
370782 2004 SC_{43}	16.3	X	216.44186	13.29496	307.19437	9.76440	0.0948412	0.22127913	2.7071298	20	2 19.8	20.6
370783 2004 SK_{48}	15.9	X	183.42157	348.63006	28.99495	11.11736	0.2621406	0.21841499	2.7307446	20	4 3.3	20.7
370784 2004 SJ_{50}	16.7	X	135.58543	29.47063	12.14182	7.83254	0.2279432	0.21559109	2.7545385	20	3 22.7	21.0
370785 2004 SS_{55}	16.2	X	125.89893	234.36481	187.52022	26.29922	0.4284499	0.21276531	2.7788738	20	4 24.4	21.5
370786 2004 SD_{62}	17.3	X	140.17402	358.40072	18.65803	5.86286	0.1011024	0.21321202	2.7749911	20	2 15.8	21.4
370787 2004 TB_{4}	16.9	X	83.12058	14.50569	24.27594	6.51308	0.0768661	0.20655266	2.8343198	20	—	—
370788 2004 TM_{27}	16.7	X	175.58196	352.58087	9.96465	4.97535	0.0608133	0.21830573	2.7316557	20	3 2.8	20.6
370789 2004 TU_{33}	16.1	X	114.52345	24.32620	35.27793	8.46720	0.2155315	0.21338524	2.7734891	20	3 25.2	20.2
370790 2004 TZ_{37}	17.1	X	144.70654	188.94508	192.66365	3.04245	0.0960407	0.21435608	2.7651085	20	2 22.5	21.1
370791 2004 TX_{65}	17.0	X	146.46017	348.75368	45.48921	4.37930	0.3017647	0.21660947	2.7458981	20	3 28.5	21.8
370792 2004 TH_{81}	17.2	X	194.66509	82.05723	230.72001	2.54100	0.1728936	0.21500147	2.7595722	20	1 23.8	21.7
370793 2004 TE_{82}	16.8	X	267.99571	220.37715	0.70316	6.28119	0.0137107	0.20906889	2.8115325	20	—	—
370794 2004 TK_{93}	17.3	X	106.15510	61.15240	7.75143	1.34171	0.2154063	0.21317588	2.7753047	20	3 25.0	21.2
370795 2004 TK_{96}	17.1	X	175.76301	280.14254	34.78898	3.02080	0.0705824	0.20895558	2.8125488	20	1 5.9	21.2
370796 2004 TE_{115}	16.6	X	102.15476	136.71767	234.91594	8.28468	0.1463781	0.20385360	2.8592829	20	—	—
370797 2004 TL_{116}	15.8	X	158.27762	133.70060	243.41615	13.15389	0.2205753	0.21614006	2.7498723	20	3 5.6	20.7
370798 2004 TN_{119}	16.7	X	167.03064	126.37596	234.20915	12.29142	0.2136921	0.21746917	2.7386567	20	2 22.5	21.5
370799 2004 TS_{125}	16.3	X	172.31027	278.50878	92.23253	6.68438	0.0943687	0.21923002	2.7239724	20	3 12.9	20.5
370800 2004 TZ_{147}	17.5	X	126.23108	80.55796	319.54725	2.62959	0.0972575	0.21427085	2.7658417	20	2 25.3	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370801 2004 TF_{149}	16.6	X	97.39507	216.11920	217.54369	4.38956	0.1455581	0.21347835	2.7726826	20	3 9.2	20.4
370802 2004 TE_{151}	16.9	X	41.73132	244.80379	211.20077	6.94855	0.0419244	0.20890731	2.8129821	20	1 9.0	20.7
370803 2004 TR_{173}	16.4	X	119.13978	79.63528	345.67615	10.96729	0.2476785	0.21321724	2.7749458	20	4 3.1	20.8
370804 2004 TA_{176}	16.4	X	147.32215	337.98463	44.58889	8.81268	0.2299833	0.21415144	2.7668698	20	3 13.6	21.1
370805 2004 TQ_{204}	16.4	X	198.63468	275.67261	43.77299	4.67330	0.0978930	0.21072769	2.7967586	20	2 5.9	20.7
370806 2004 TA_{218}	17.1	X	135.12183	214.03120	193.74991	3.03359	0.0996464	0.21778585	2.7360012	20	3 15.7	21.0
370807 2004 TS_{233}	16.5	X	169.36752	313.95721	26.81183	5.72189	0.0762912	0.21118983	2.7926771	20	1 31.9	20.7
370808 2004 TT_{241}	16.3	X	64.23773	90.81588	339.88579	7.19767	0.2073513	0.20504907	2.8481587	20	1 30.4	19.5
370809 2004 TV_{241}	15.9	X	227.74148	70.17147	252.20338	13.69982	0.1130774	0.22041409	2.7142082	20	2 28.2	20.5
370810 2004 TP_{245}	16.3	X	141.11865	5.57470	19.31687	6.05220	0.0348706	0.21522498	2.7576613	20	2 18.9	20.2
370811 2004 TL_{264}	16.6	X	103.09458	57.56774	21.48761	4.64746	0.0941978	0.21418188	2.7666076	20	3 18.5	20.4
370812 2004 TA_{282}	16.5	X	133.87837	306.33451	87.97866	11.22241	0.1768603	0.21373134	2.7704942	20	3 12.4	21.0
370813 2004 TN_{286}	16.8	X	141.21845	343.24914	40.13375	5.52938	0.1370589	0.21493488	2.7601422	20	2 28.5	21.0
370814 2004 TL_{290}	17.1	X	181.89015	317.54087	347.45974	3.27162	0.0784718	0.20901844	2.8119849	20	—	—
370815 2004 TF_{296}	16.7	X	97.33273	152.39260	227.10193	14.47128	0.1452893	0.20312355	2.8661299	20	1 2.0	20.7
370816 2004 TZ_{297}	16.1	X	125.52122	147.74216	266.46145	11.58588	0.1712968	0.21540957	2.7560857	20	3 15.8	20.5
370817 2004 TL_{314}	17.4	X	131.08207	162.53087	249.03407	3.48660	0.0723818	0.21703890	2.7422749	20	3 11.4	21.4
370818 2004 TU_{322}	16.7	X	146.68302	203.32939	229.76855	2.71743	0.1603340	0.21869115	2.7284452	20	5 4.1	20.9
370819 2004 TP_{346}	16.8	X	144.69065	16.84001	12.04849	8.41386	0.2334870	0.21449518	2.7639130	20	3 16.5	21.3
370820 2004 TE_{366}	16.3	X	93.41329	35.13650	32.18224	5.78390	0.0167384	0.21054816	2.7983482	20	2 10.9	20.2
370821 2004 TF_{366}	17.0	X	131.59008	340.56709	25.91552	4.93773	0.2093045	0.20883188	2.8136594	20	2 5.9	21.3
370822 2004 TE_{369}	16.9	X	77.76693	200.55689	222.32620	6.01026	0.1280105	0.20603319	2.8390819	20	1 26.8	20.5
370823 2004 UB_{3}	16.1	X	150.72649	273.57625	104.09481	9.47548	0.2912119	0.21487946	2.7606168	20	3 14.4	21.0
370824 2004 UG_{8}	16.1	X	150.05815	14.27500	30.31216	8.33772	0.2071415	0.21617529	2.7495736	20	4 6.6	20.6
370825 2004 VX_{18}	15.5	X	240.01147	116.81661	227.89953	13.84815	0.0933964	0.22369560	2.6875987	20	4 15.4	19.5
370826 2004 VE_{26}	16.0	X	111.90634	23.06192	33.38847	9.16137	0.1813655	0.21034289	2.8001684	20	3 15.5	20.1
370827 2004 VQ_{27}	15.9	X	161.99482	56.01504	302.44730	12.17249	0.1236761	0.21408600	2.7674336	20	2 13.1	20.2
370828 2004 VE_{33}	16.7	X	165.04762	215.41092	118.69500	3.08993	0.2193030	0.20972182	2.8056940	20	1 27.5	21.4
370829 2004 VL_{55}	18.6	X	311.52731	197.97333	248.66888	24.66200	0.4439273	0.24862800	2.5047787	20	12 25.4	18.6
370830 2004 VA_{80}	16.6	X	140.63055	31.79750	0.67831	13.58618	0.1931550	0.21354995	2.7720628	20	3 13.9	20.9
370831 2004 VO_{80}	16.3	X	136.60884	339.76221	47.45778	5.47451	0.1052636	0.21203617	2.7852408	20	2 25.3	20.4
370832 2004 VL_{82}	16.1	X	184.28115	315.60893	15.33772	10.74805	0.1741446	0.21218331	2.7839530	20	2 10.3	20.8
370833 2004 XR_{19}	16.7	X	65.04907	32.76135	51.18263	3.37450	0.2246700	0.20352740	2.8623371	20	2 21.5	19.8
370834 2004 XP_{60}	15.7	X	318.21234	3.79338	103.07330	12.37730	0.1225286	0.18520960	3.0480849	20	—	—
370835 2004 XA_{62}	16.1	X	103.26818	74.13698	5.91722	8.88607	0.1439105	0.20985070	2.8045452	20	3 26.3	19.9
370836 2004 XW_{93}	15.6	X	113.98975	276.53981	84.91458	13.05977	0.0729937	0.19684182	2.9267872	20	—	—
370837 2004 XT_{131}	16.4	X	119.54533	106.10049	316.94653	4.28615	0.1727181	0.21085509	2.7956319	20	3 25.3	20.6
370838 2004 XW_{161}	17.7	X	350.32504	342.03021	59.07744	4.15111	0.1249984	0.31045751	2.1600706	20	—	—
370839 2004 YO_{20}	17.3	X	308.42840	142.29911	288.37259	7.14382	0.0606494	0.30357759	2.1925840	20	12 10.6	19.4
370840 2004 YT_{20}	15.9	X	20.36938	154.56305	291.79558	9.79201	0.0542732	0.19018149	2.9947269	20	—	—
370841 2005 AL_{44}	16.1	X	268.93340	190.47166	304.93827	9.56493	0.1769238	0.17788402	3.1312045	20	11 14.8	20.4
370842 2005 BH_{30}	16.6	X	118.04262	36.65527	348.36949	1.50483	0.0968212	0.19840243	2.9114191	20	1 30.9	20.8
370843 2005 BP_{36}	15.7	X	59.10756	281.00181	118.45386	13.93370	0.1114340	0.19029422	2.9935440	20	—	—
370844 2005 CP_{9}	16.2	X	319.82754	146.27471	342.49409	10.71827	0.1718410	0.18378645	3.0637998	20	—	—
370845 2005 CL_{10}	17.4	X	78.11667	139.93344	3.91921	5.84581	0.0677858	0.27116001	2.3640262	20	4 29.8	20.3
370846 2005 CY_{14}	16.3	X	94.65409	288.46758	110.47570	3.03381	0.1062272	0.19455553	2.9496716	20	1 20.9	20.3
370847 2005 CO_{21}	15.0	X	271.45336	166.70454	335.20769	22.10142	0.0844881	0.17616707	3.1515163	20	12 9.9	19.7
370848 2005 CE_{38}	16.1	X	282.60957	165.34391	355.05930	12.19524	0.1957716	0.18182168	3.0858320	20	—	—
370849 2005 CK_{40}	16.3	X	24.48866	56.04099	343.44184	9.18399	0.0367597	0.18117094	3.0932168	20	—	—
370850 2005 CL_{43}	17.4	X	304.51853	124.71016	317.17510	4.57633	0.0630715	0.30290918	2.1958083	20	12 20.8	19.5
370851 2005 CT_{45}	15.7	X	213.08920	257.47589	332.86700	14.25255	0.0309356	0.18040366	3.1019812	20	—	—
370852 2005 CY_{46}	16.6	X	238.94469	166.56223	333.65725	4.22854	0.1056411	0.17035079	3.2228489	20	10 24.1	21.3
370853 2005 CL_{58}	15.7	X	285.65671	343.20926	152.79081	18.23729	0.1550769	0.17965199	3.1106277	20	12 18.3	19.8
370854 2005 CO_{64}	16.2	X	332.47556	140.71050	336.46187	16.00000	0.0955732	0.18448978	3.0560081	20	—	—
370855 2005 CL_{72}	16.4	X	16.26775	64.82306	9.16521	5.18663	0.1536770	0.18583421	3.0412510	20	—	—
370856 2005 CA_{76}	17.7	X	170.22707	186.91404	330.51401	6.10748	0.0746321	0.28948790	2.2631627	20	9 17.9	20.9
370857 2005 EK_{2}	17.5	X	70.50607	74.56159	143.56887	2.37189	0.1546449	0.27921134	2.3183590	20	8 22.0	20.3
370858 2005 EF_{3}	16.0	X	272.14244	3.80442	137.91212	12.03069	0.0655645	0.17871260	3.1215187	20	12 16.0	20.4
370859 2005 EO_{3}	16.2	X	77.37944	25.99899	334.14348	10.98810	0.1093995	0.18225004	3.0809948	20	—	—
370860 2005 EY_{11}	17.1	X	278.15578	92.94041	348.29871	8.07673	0.1050633	0.29711182	2.2242799	20	10 25.9	19.4
370861 2005 EJ_{24}	17.3	X	79.73150	79.49015	138.32014	6.49096	0.1013340	0.28065285	2.3104137	20	8 26.6	20.2
370862 2005 EK_{24}	17.2	X	123.37983	84.10111	114.84657	4.44778	0.0965705	0.28579619	2.2826103	20	9 23.9	20.4
370863 2005 EV_{26}	17.5	X	38.40996	247.77736	352.52203	8.79929	0.1777472	0.27528917	2.3403275	20	8 12.9	19.9
370864 2005 EF_{27}	17.7	X	40.91454	208.96342	13.40756	3.73052	0.1971445	0.27273949	2.3548904	20	7 21.9	20.0
370865 2005 ES_{34}	17.3	X	40.08720	288.05210	288.82779	3.73443	0.1738352	0.27101523	2.3648681	20	7 6.1	19.5
370866 2005 EB_{37}	16.9	X	296.51542	68.54689	174.35329	16.08598	0.4802369	0.18531846	3.0468911	20	1 4.2	22.4
370867 2005 EE_{55}	18.0	X	148.25891	203.02410	343.77526	5.05042	0.0880571	0.28851144	2.2682662	20	10 2.2	21.1
370868 2005 EX_{55}	15.5	X	77.37006	171.62044	167.77837	26.89604	0.1276033	0.17367687	3.1815694	20	—	—
370869 2005 EW_{62}	17.0	X	19.84931	108.25727	333.52556	3.83826	0.1425378	0.18647410	3.0342897	20	—	—
370870 2005 ET_{72}	15.5	X	275.28467	344.69976	139.57707	24.45745	0.2218943	0.17445474	3.1721048	20	11 13.3	20.1
370871 2005 EZ_{80}	15.6	X	240.79943	189.10983	344.30320	22.27669	0.1494660	0.17558431	3.1584857	20	11 25.8	20.7
370872 2005 EN_{83}	15.8	X	349.11480	96.38843	357.07133	13.15587	0.0999195	0.17904062	3.1177049	20	—	—
370873 2005 ES_{85}	15.5	X	278.30708	351.40735	137.80150	10.11002	0.1851798	0.17499752	3.1655423	20	11 23.9	19.7
370874 2005 EH_{88}	15.6	X	280.23366	161.99094	358.92682	17.45053	0.1484565	0.17944921	3.1129705	20	—	—
370875 2005 ET_{90}	15.9	X	313.74050	179.42601	317.12622	4.26461	0.1076754	0.18172835	3.0868884	20	—	—
370876 2005 EF_{97}	15.1	X	256.80138	220.22236	304.81980	12.66019	0.0734445	0.17720251	3.1392276	20	12 22.7	19.5
370877 2005 EQ_{99}	17.3	X	76.07886	270.29687	308.50818	5.76815	0.1958581	0.27931474	2.3177868	20	9 2.6	20.5
370878 2005 EV_{102}	16.4	X	355.56511	101.19163	329.98266	9.08144	0.0567505	0.18165145	3.0877595	20	—	—
370879 2005 EB_{103}	16.1	X	301.82755	353.16889	139.50603	2.24062	0.1402218	0.17890441	3.1192871	20	—	—
370880 2005 EV_{111}	15.5	X	318.64148	146.41989	342.59139	13.63803	0.0948371	0.18137804	3.0908617	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370881 2005 EO_{152}	17.9	X	129.80399	37.22075	135.02419	3.00574	0.1512443	0.28079596	2.3096286	20	8 26.4	21.4
370882 2005 EC_{158}	17.7	X	96.53067	66.29066	178.84539	6.02436	0.0458986	0.28802226	2.2708338	20	10 20.2	20.5
370883 2005 EA_{159}	17.7	X	36.08781	261.27860	332.91902	0.73574	0.1453040	0.27330440	2.3516443	20	7 21.3	19.8
370884 2005 EP_{161}	17.7	X	352.08603	215.85998	59.64190	2.44495	0.1748473	0.26953840	2.3734984	20	6 25.3	19.4
370885 2005 EH_{164}	16.1	X	345.40585	267.38954	154.20678	10.90121	0.2275912	0.17500492	3.1654530	20	12 28.9	19.6
370886 2005 EZ_{168}	17.9	X	210.87931	351.35182	162.82850	2.44173	0.1046418	0.29323482	2.2438424	20	11 2.3	20.7
370887 2005 EP_{198}	15.6	X	315.78860	141.76829	3.00616	9.36288	0.0904692	0.17889939	3.1193455	20	—	—
370888 2005 EO_{205}	15.5	X	155.39478	86.17246	190.10989	15.38437	0.0328803	0.17247999	3.1962708	20	—	—
370889 2005 EJ_{208}	15.8	X	246.53968	166.16753	343.77695	9.44251	0.0092894	0.17057604	3.2200110	20	11 26.2	20.6
370890 2005 EC_{213}	16.8	X	262.71613	356.79000	154.77175	2.30555	0.0357068	0.17215533	3.2002881	20	12 16.9	21.3
370891 2005 EM_{224}	17.5	X	212.21784	69.49495	46.28492	5.19885	0.0919041	0.28872638	2.2671404	20	9 14.5	20.4
370892 2005 EY_{238}	15.9	X	161.16603	249.21671	18.27235	7.04277	0.0460703	0.17334759	3.1855971	20	—	—
370893 2005 EP_{239}	15.9	X	358.76544	101.08305	7.53274	16.13170	0.1311173	0.18391848	3.0623334	20	—	—
370894 2005 EZ_{270}	15.6	X	242.40122	18.09337	155.40333	16.26308	0.0427890	0.17384951	3.1794628	20	12 18.9	20.4
370895 2005 ER_{287}	17.1	X	65.76423	232.88259	3.66819	5.50815	0.1435161	0.28123190	2.3072412	20	9 10.3	19.9
370896 2005 EP_{299}	16.1	X	11.43053	60.73188	345.95951	12.65659	0.0348171	0.17649784	3.1475777	20	—	—
370897 2005 ET_{309}	17.7	X	5.68882	169.88525	176.45122	4.21290	0.1711983	0.29027838	2.2590522	20	11 24.8	20.0
370898 2005 EZ_{329}	16.2	X	175.43135	234.61135	355.84212	6.63867	0.0450531	0.17069805	3.2184765	20	12 7.2	21.0
370899 2005 EC_{330}	16.1	X	265.73516	11.88928	146.88086	0.35527	0.1290918	0.17783723	3.1317536	20	12 18.5	20.1
370900 2005 GC_{17}	18.3	X	149.55157	359.70103	181.29816	5.31170	0.1630044	0.28744205	2.2738886	20	9 26.7	21.9
370901 2005 GZ_{45}	15.6	X	45.72008	208.50239	197.31706	9.57660	0.0819686	0.17859997	3.1228309	20	—	—
370902 2005 GF_{56}	15.7	X	255.22297	172.74966	1.77996	11.65721	0.1286578	0.17400375	3.1775835	20	12 22.9	20.3
370903 2005 GU_{56}	17.7	X	355.99959	219.86570	59.70510	3.00752	0.1718034	0.26975453	2.3722305	20	7 12.9	19.4
370904 2005 GS_{63}	17.5	X	157.04071	0.91355	164.39884	25.10585	0.1915865	0.28597220	2.2816735	20	9 13.4	21.1
370905 2005 GD_{73}	16.9	X	333.48885	186.62814	90.33122	8.25093	0.2260217	0.26528576	2.3987966	20	5 9.2	18.9
370906 2005 GK_{75}	18.3	X	18.41054	38.83483	207.07424	2.35290	0.1384782	0.26949529	2.3737515	20	7 3.5	20.4
370907 2005 GW_{115}	18.0	X	91.44929	109.23095	66.95356	2.43285	0.1108857	0.27316478	2.3524455	20	7 14.1	20.9
370908 2005 GX_{127}	17.1	X	352.49375	105.57260	160.43443	5.07478	0.2141709	0.26699195	2.3885661	20	6 9.1	18.8
370909 2005 GK_{222}	17.9	X	216.27358	335.15234	171.69163	3.02669	0.1077290	0.29122388	2.2541599	20	10 29.3	20.5
370910 2005 GY_{225}	17.7	X	94.32727	17.01668	169.87736	1.43364	0.1289486	0.27404815	2.3473876	20	8 3.7	20.8
370911 2005 JZ_{50}	17.7	X	263.43403	338.68904	130.42382	2.43372	0.0957390	0.29047940	2.2580098	20	11 15.6	20.1
370912 2005 JL_{70}	17.1	X	137.00920	98.33138	36.63610	6.86725	0.0613850	0.27080377	2.3660990	20	7 8.7	20.4
370913 2005 JG_{86}	17.6	X	301.79809	224.10494	77.18558	3.62467	0.1808002	0.26091325	2.4255224	20	4 23.8	20.3
370914 2005 JA_{160}	17.9	X	355.05265	336.77213	291.65641	0.62799	0.1653681	0.26653227	2.3913117	20	6 20.2	19.4
370915 2005 KJ_{6}	17.6	X	9.78118	173.72403	69.22813	2.88306	0.1922916	0.26475506	2.4020011	20	6 13.9	19.2
370916 2005 LY_{4}	15.5	X	1.24302	279.71975	217.22135	19.28078	0.1267739	0.18190948	3.0848390	20	1 2.0	19.6
370917 2005 LP_{9}	16.7	X	336.48969	157.71239	122.56682	7.21401	0.0965504	0.26295868	2.4129280	20	6 4.6	19.2
370918 2005 LG_{11}	17.5	X	7.40772	109.61316	157.50320	6.73122	0.0934163	0.26695376	2.3887939	20	7 10.8	19.9
370919 2005 LS_{14}	17.5	X	305.60048	203.00214	128.39247	5.68254	0.2098456	0.26533001	2.3985299	20	6 8.3	20.0
370920 2005 MA_{31}	17.1	X	286.56261	188.58575	121.88855	3.75768	0.1808481	0.25769347	2.4456846	20	4 16.1	20.3
370921 2005 NO_{12}	17.5	X	245.47964	246.54790	123.69868	9.18023	0.2715967	0.25255060	2.4787750	20	5 11.3	21.7
370922 2005 NY_{35}	17.3	X	352.30093	74.38840	204.86289	6.08274	0.1640690	0.26073887	2.4266038	20	6 30.9	19.4
370923 2005 NY_{68}	14.8	X	323.53161	40.96036	282.46956	10.15019	0.3191962	0.12373932	3.9883894	20	6 9.0	19.4
370924 2005 NE_{72}	17.6	X	283.12115	161.22904	170.16571	1.88957	0.1258200	0.25599953	2.4564614	20	5 17.9	20.7
370925 2005 NT_{77}	17.8	X	350.23027	55.73268	204.98032	2.13628	0.1575173	0.25744250	2.4472737	20	5 27.1	19.9
370926 2005 NZ_{89}	17.5	X	218.08766	261.26998	130.65006	9.37042	0.2288105	0.24881732	2.5035079	20	5 17.8	21.8
370927 2005 NA_{125}	17.5	X	282.78124	353.53580	343.97273	3.77922	0.2170737	0.25416492	2.4682680	20	5 9.5	20.9
370928 2005 OM_{6}	17.4	X	223.80895	333.08858	31.49270	4.06698	0.2379702	0.24540647	2.5266517	20	4 15.5	21.6
370929 2005 PG_{7}	15.1	X	296.70562	230.81966	126.75176	9.75323	0.1883394	0.12413321	3.9799479	20	6 28.8	20.5
370930 2005 QM_{16}	18.1	X	79.01250	294.84582	159.40762	25.20886	0.1372888	0.36633061	1.9344340	20	2 14.6	19.4
370931 2005 QB_{34}	15.7	X	317.76196	142.73844	204.93830	2.74390	0.2720401	0.12492745	3.9630613	20	7 6.5	20.3
370932 2005 QU_{54}	17.1	X	162.37969	264.34718	160.55139	12.30676	0.1495422	0.24300717	2.5432555	20	5 11.2	21.3
370933 2005 QU_{122}	17.1	X	124.36437	261.50220	171.82562	3.54831	0.0495154	0.23922193	2.5700134	20	3 28.7	20.5
370934 2005 QO_{129}	17.0	X	160.86984	305.73643	135.75164	6.10649	0.2435011	0.24250128	2.5467913	20	5 31.8	21.4
370935 2005 QA_{154}	16.4	X	278.22355	130.41946	133.93905	14.01154	0.0685459	0.23749721	2.5824408	20	2 22.4	19.9
370936 2005 QK_{166}	17.5	X	274.43251	311.19440	324.61512	18.90504	0.0736725	0.37413462	1.9074396	20	2 13.2	19.2
370937 2005 QS_{180}	15.6	X	340.28224	242.05136	66.93673	3.93836	0.2245255	0.12326286	3.9986607	20	7 6.8	20.0
370938 2005 RN_{1}	17.5	X	243.10446	233.19394	100.95089	3.24661	0.2092223	0.24672623	2.5176335	20	3 28.7	21.6
370939 2005 RG_{5}	16.9	X	343.94909	347.74252	15.70007	4.58177	0.2628300	0.26890152	2.3772447	20	11 13.2	18.5
370940 2005 RD_{31}	16.5	X	61.68182	357.78950	147.06044	8.57194	0.1415837	0.24041339	2.5615153	20	4 24.7	19.5
370941 2005 RE_{42}	15.5	X	338.67466	21.52255	287.70122	2.30589	0.2455201	0.12427843	3.9768470	20	7 1.9	19.6
370942 2005 RQ_{51}	18.0	X	236.44025	269.46586	93.60916	4.97905	0.2729748	0.24521416	2.5279725	20	4 23.7	22.3
370943 2005 SK_{1}	18.2	X	147.74643	31.57492	16.34572	24.96181	0.1302932	0.36834463	1.9273762	20	3 27.2	20.5
370944 2005 SO_{16}	17.1	X	127.14044	197.92801	213.78981	3.29572	0.1145053	0.23176461	2.6248509	20	3 11.5	20.9
370945 2005 SF_{32}	17.3	X	262.69627	121.40718	188.84093	16.28440	0.1828968	0.24132790	2.5550400	20	3 17.5	21.2
370946 2005 SY_{38}	17.8	X	155.34957	252.05897	194.22174	3.90320	0.1766236	0.24099347	2.5574031	20	5 30.1	22.0
370947 2005 SM_{42}	17.3	X	287.67343	21.94229	260.85673	3.22956	0.0282145	0.23836438	2.5761737	20	4 1.3	20.6
370948 2005 SQ_{44}	17.2	X	116.28015	228.86131	233.07645	3.21200	0.1920233	0.23488668	2.6015397	20	5 12.9	21.0
370949 2005 SH_{45}	17.2	X	194.88008	154.38073	203.39008	12.58327	0.1720766	0.23542246	2.5975911	20	3 13.6	21.5
370950 2005 SL_{47}	17.5	X	191.25964	133.11246	276.12683	2.11522	0.1611260	0.24197858	2.5504575	20	5 14.9	21.5
370951 2005 SJ_{49}	18.8	X	215.73371	186.70341	197.15840	4.68596	0.2777215	0.24251378	2.5467038	20	5 1.6	23.2
370952 2005 SA_{54}	17.2	X	165.57088	10.18568	21.62225	4.54895	0.1380993	0.23464622	2.6033168	20	3 30.5	21.3
370953 2005 SS_{60}	17.6	X	278.91150	290.06725	22.25936	3.64703	0.1475236	0.24449092	2.5329555	20	4 12.6	20.8
370954 2005 SH_{65}	16.8	X	187.55151	24.41128	10.54412	12.49960	0.1324081	0.23884377	2.5727254	20	4 21.1	20.8
370955 2005 ST_{76}	17.7	X	255.02797	187.08827	145.88417	1.05752	0.1192109	0.24413300	2.5354306	20	4 15.6	21.2
370956 2005 SQ_{79}	18.1	X	236.17914	334.22517	23.01737	3.60984	0.1720368	0.24461384	2.5321069	20	4 21.0	21.8
370957 2005 SA_{81}	17.9	X	233.29839	306.55574	25.27298	3.39445	0.2488702	0.24130344	2.5552126	20	3 14.9	22.2
370958 2005 SJ_{82}	18.1	X	246.59667	137.09654	229.75565	1.21737	0.1501725	0.24727353	2.5139172	20	5 16.6	21.7
370959 2005 SO_{91}	16.4	X	30.27130	6.50160	202.56253	8.84278	0.1085685	0.24275160	2.5450402	20	5 27.1	19.2
370960 2005 SU_{92}	17.8	X	237.33405	325.19628	12.65734	6.10767	0.0950609	0.23963275	2.5670753	20	4 4.1	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
370961 2005 SA_{96}	17.8	X	237.94673	295.05828	23.38866	5.64787	0.2442954	0.23991441	2.5650657	20	3 4.0	22.1
370962 2005 SF_{121}	17.5	X	181.17888	65.26868	13.56709	5.11625	0.0646865	0.24706310	2.5153444	20	6 13.2	21.1
370963 2005 SB_{124}	17.9	X	198.87717	358.02868	20.03905	3.71609	0.2561329	0.23999494	2.5644918	20	4 12.1	22.3
370964 2005 SD_{131}	17.5	X	234.43613	137.79681	202.31875	6.55656	0.2300337	0.24036810	2.5618370	20	3 24.9	21.7
370965 2005 SN_{131}	17.6	X	145.11080	214.99486	217.52045	1.78731	0.1930484	0.23577785	2.5949802	20	5 3.8	21.7
370966 2005 ST_{133}	17.5	X	230.96497	318.89599	6.57206	1.92094	0.1939355	0.23713890	2.5850415	20	3 7.7	21.7
370967 2005 SB_{143}	17.4	X	125.72099	5.01427	106.47556	4.25602	0.0996724	0.24177723	2.5518733	20	5 26.5	21.0
370968 2005 SK_{160}	17.4	X	296.85294	314.04275	345.32335	3.18431	0.1232372	0.24636946	2.5200634	20	4 21.5	20.4
370969 2005 SB_{176}	16.5	X	56.44846	308.47201	220.91569	9.11557	0.0995463	0.23997314	2.5646471	20	5 11.7	19.3
370970 2005 SE_{181}	16.9	X	44.59878	239.67246	295.48654	3.20034	0.0861554	0.23878866	2.5731213	20	4 27.1	19.9
370971 2005 SD_{192}	17.5	X	128.25227	168.23130	199.72975	21.17207	0.0676205	0.35770804	1.9653968	20	—	—
370972 2005 SC_{193}	16.9	X	237.45239	103.74456	213.20381	8.99957	0.2111308	0.23717851	2.5847537	20	2 27.7	21.4
370973 2005 SK_{211}	17.5	X	241.27343	328.72647	14.79505	4.67252	0.1840457	0.24269113	2.5454629	20	4 7.9	21.5
370974 2005 SE_{215}	17.1	X	258.16255	55.63208	263.70351	4.21263	0.2505860	0.24294619	2.5436811	20	3 16.9	21.3
370975 2005 SX_{222}	17.7	X	178.16520	117.98418	204.71609	22.04133	0.0644179	0.36070009	1.9545129	20	—	—
370976 2005 SA_{233}	17.5	X	263.16794	108.13569	214.93651	4.01502	0.2099210	0.24225327	2.5485292	20	3 31.5	21.5
370977 2005 SA_{237}	18.2	X	218.33744	147.77862	227.57038	3.23884	0.2664498	0.24186693	2.5512424	20	4 22.7	22.5
370978 2005 SY_{239}	17.5	X	232.48208	106.79616	269.34172	4.44180	0.1328502	0.24510331	2.5287347	20	5 14.4	21.2
370979 2005 SG_{240}	17.0	X	259.65665	28.34501	285.52219	4.47508	0.1132077	0.24036118	2.5618862	20	3 25.1	20.7
370980 2005 SS_{245}	17.8	X	96.46963	77.44728	13.45773	3.42987	0.0851335	0.23111671	2.6297542	20	3 21.6	21.3
370981 2005 SZ_{245}	17.0	X	51.19217	96.83458	18.41289	4.22516	0.1006736	0.22649088	2.6654400	20	2 20.6	20.1
370982 2005 SR_{264}	17.9	X	237.80396	112.36521	244.61539	1.13797	0.1962195	0.24505324	2.5290791	20	4 20.3	22.0
370983 2005 SJ_{265}	18.2	X	233.59352	31.71554	324.89745	6.51589	0.3162577	0.24458733	2.5322898	20	4 6.4	22.9
370984 2005 SV_{280}	17.9	X	200.70638	97.48791	291.93985	9.92580	0.3094446	0.24038914	2.5616875	20	4 22.4	22.8
370985 2005 SL_{281}	17.0	X	204.57997	306.84477	60.54667	5.22702	0.0842732	0.23258349	2.6186862	20	4 9.3	20.9
370986 2005 SU_{287}	17.0	X	236.83912	154.89338	143.67159	12.11111	0.0757306	0.23026723	2.6362178	20	2 16.7	20.8
370987 2005 SD_{289}	17.7	X	244.26080	283.67035	77.34409	2.17024	0.1195097	0.24641631	2.5197440	20	5 10.0	21.4
370988 2005 SD_{291}	17.0	X	219.16785	152.49017	217.95429	10.45446	0.0974165	0.23869544	2.5737911	20	4 26.1	20.8
370989 2005 SC_{292}	17.3	X	264.60383	329.22776	333.94488	4.89397	0.1156342	0.24084656	2.5584430	20	3 17.9	21.0
370990 2005 TO_{17}	17.6	X	141.15880	261.89405	185.95975	8.14083	0.1347106	0.23964102	2.5670162	20	5 16.7	21.5
370991 2005 TP_{31}	17.6	X	240.16631	161.04698	152.83123	2.16596	0.2244658	0.23943413	2.5684947	20	2 28.6	21.9
370992 2005 TH_{40}	16.8	X	118.17750	348.27553	121.94931	2.88227	0.0683882	0.23867625	2.5739291	20	5 12.1	20.2
370993 2005 TO_{40}	17.8	X	176.65612	251.31687	175.62690	5.23950	0.2336054	0.24001326	2.5643614	20	5 25.9	22.3
370994 2005 TC_{42}	17.0	X	146.70025	89.33669	6.42884	10.71947	0.3185157	0.23702785	2.5858488	20	6 7.6	21.9
370995 2005 TZ_{45}	17.1	X	207.86702	252.25013	130.20822	4.35996	0.2721591	0.23988498	2.5652755	20	4 25.6	21.7
370996 2005 TM_{51}	17.4	X	224.58492	277.00945	76.32045	5.42504	0.3136026	0.24026484	2.5625709	20	4 2.0	22.1
370997 2005 TS_{56}	17.8	X	196.64832	60.30223	351.16390	6.82012	0.2217833	0.24324066	2.5416277	20	5 19.9	22.3
370998 2005 TB_{75}	16.7	X	218.03437	170.58424	190.24869	12.33374	0.0504553	0.23923465	2.5699223	20	4 16.4	20.3
370999 2005 TK_{75}	16.4	X	211.04672	346.02125	2.07113	15.05710	0.1620028	0.23704408	2.5857308	20	3 19.2	20.6
371000 2005 TD_{90}	17.4	X	230.20879	316.62277	33.98285	8.06223	0.2368080	0.24055315	2.5605230	20	4 5.3	21.7
371001 2005 TZ_{90}	17.7	X	177.35446	323.60128	76.15448	1.50257	0.1001140	0.24004611	2.5641274	20	4 19.7	21.6
371002 2005 TH_{107}	18.5	X	176.87624	224.59440	171.26307	2.63736	0.1430507	0.23644992	2.5900606	20	4 15.7	22.5
371003 2005 TB_{109}	17.8	X	252.90543	332.04364	343.10588	5.06630	0.2372651	0.24229024	2.5482700	20	3 10.2	22.0
371004 2005 TL_{114}	17.1	X	88.51447	109.09721	0.62152	1.81820	0.0799644	0.23420653	2.6065739	20	4 3.1	20.3
371005 2005 TC_{138}	16.6	X	144.15469	264.84229	189.20311	14.31068	0.0383146	0.24212384	2.5494374	20	5 20.7	20.3
371006 2005 TV_{154}	16.4	X	326.70727	236.82378	340.12859	7.04948	0.1925682	0.23495440	2.6010398	20	2 6.1	19.5
371007 2005 TM_{160}	18.5	X	231.26555	143.14309	234.03965	4.04584	0.2730071	0.24480431	2.5307933	20	5 4.6	22.8
371008 2005 TY_{165}	17.3	X	341.33363	253.20617	3.13556	3.16162	0.0316006	0.24112680	2.5564603	20	5 11.2	20.3
371009 2005 TC_{172}	17.3	X	240.05732	355.25470	357.47961	7.18662	0.2247961	0.24296138	2.5435751	20	4 13.4	21.4
371010 2005 TE_{178}	17.5	X	171.66360	273.91749	143.79395	3.49830	0.1811764	0.23925729	2.5697602	20	5 9.7	21.8
371011 2005 TV_{195}	17.6	X	136.68859	290.22335	137.71159	2.42840	0.0988748	0.23425848	2.6061885	20	4 12.4	21.2
371012 2005 UT_{16}	17.3	X	263.74631	126.80458	199.90902	3.08356	0.2648325	0.24435577	2.5338893	20	3 31.5	21.4
371013 2005 UB_{20}	16.6	X	106.24889	195.73087	234.07820	10.93059	0.1689020	0.22502198	2.6770270	20	3 14.7	20.5
371014 2005 UJ_{22}	17.0	X	274.98568	289.39760	13.35165	4.46668	0.0967340	0.23878040	2.5731806	20	4 2.7	20.3
371015 2005 UJ_{27}	17.7	X	177.75967	16.95706	35.51699	3.40966	0.2561277	0.23752810	2.5822169	20	5 7.9	22.3
371016 2005 UD_{38}	17.4	X	166.20313	295.79264	71.45036	3.66719	0.0841342	0.22650961	2.6652930	20	2 28.4	21.3
371017 2005 UK_{40}	17.9	X	215.59071	262.13105	69.27193	3.28268	0.2109281	0.23210117	2.6223128	20	3 3.2	22.3
371018 2005 UH_{46}	17.2	X	117.60107	234.56039	213.96980	5.23911	0.1493571	0.23073035	2.6326891	20	4 22.2	20.8
371019 2005 UD_{50}	17.0	X	183.19414	10.42945	13.74649	5.39927	0.1677741	0.23539140	2.5978196	20	4 6.7	21.2
371020 2005 UP_{58}	17.9	X	149.21017	357.45124	28.43366	1.93475	0.1057778	0.22813818	2.6525937	20	3 4.8	21.7
371021 2005 UM_{63}	17.3	X	110.15966	250.66022	176.87649	0.84404	0.0949872	0.22613801	2.6682121	20	3 10.4	21.0
371022 2005 UU_{63}	17.4	X	95.24058	246.37514	219.44017	3.97626	0.1389308	0.22874432	2.6479056	20	4 16.2	20.9
371023 2005 UP_{65}	16.4	X	128.59948	117.03697	336.34064	27.65330	0.2214909	0.23613301	2.5923775	20	5 3.3	21.2
371024 2005 UN_{66}	16.9	X	186.77535	324.50573	61.36450	6.51803	0.2860393	0.23577691	2.5949871	20	4 15.1	21.6
371025 2005 UZ_{71}	17.4	X	55.93157	235.65723	228.60331	18.80324	0.0789331	0.36009051	1.9567181	20	1 6.2	19.4
371026 2005 UL_{76}	16.3	X	189.75567	15.51550	359.85836	13.43110	0.1626891	0.23517335	2.5994251	20	3 31.0	20.6
371027 2005 UL_{78}	16.8	X	28.88095	168.50032	33.73005	5.68321	0.0363960	0.23956540	2.5675564	20	5 6.9	19.9
371028 2005 UK_{90}	16.9	X	53.94038	137.86542	12.53912	9.46179	0.0090475	0.23303982	2.6152666	20	3 31.6	20.4
371029 2005 UP_{97}	17.4	X	184.47454	267.67876	90.41242	4.37188	0.1098923	0.23029868	2.6359778	20	3 8.3	21.4
371030 2005 UR_{97}	17.4	X	155.91991	244.20740	207.70573	9.69424	0.0991183	0.23924469	2.5698504	20	6 3.6	21.3
371031 2005 UF_{102}	17.1	X	227.25235	291.27268	57.26535	9.75852	0.2112266	0.23876065	2.5733225	20	4 4.3	21.4
371032 2005 UK_{103}	17.3	X	77.53678	324.04456	129.50394	1.98373	0.1101726	0.22419049	2.6836421	20	3 3.5	20.4
371033 2005 UM_{109}	16.6	X	294.17866	256.53766	29.38826	7.19487	0.0728386	0.23512295	2.5997966	20	4 10.1	20.0
371034 2005 UK_{114}	17.1	X	208.99888	267.19667	110.22952	8.19430	0.2317093	0.23976412	2.5661375	20	4 23.3	21.6
371035 2005 UR_{149}	17.5	X	167.79734	14.19919	27.19713	3.01576	0.2288913	0.23425782	2.6061935	20	4 16.6	21.9
371036 2005 UZ_{151}	17.8	X	153.59789	37.87069	15.06099	1.96549	0.1609682	0.23241052	2.6199853	20	4 15.0	21.9
371037 2005 UM_{152}	16.5	X	167.74841	5.53240	44.00488	16.49006	0.1810040	0.23456626	2.6039083	20	4 26.4	20.7
371038 2005 UC_{153}	17.1	X	313.31198	13.76420	244.39694	3.63870	0.0974923	0.23396463	2.6083703	20	3 24.4	20.3
371039 2005 US_{153}	17.0	X	160.72718	324.47145	41.44015	4.18232	0.1055929	0.22614740	2.6681382	20	2 22.7	20.9
371040 2005 UJ_{161}	17.4	X	230.62392	152.84235	188.08630	5.23871	0.3167759	0.24035995	2.5618949	20	3 19.5	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371041 2005 UL_{161}	17.3	X	251.63723	98.96990	223.87059	11.31980	0.2435099	0.24102743	2.5571630	20	3 14.8	21.7
371042 2005 UM_{162}	17.4	X	197.67314	238.27924	151.32145	6.72641	0.2982204	0.23904072	2.5713121	20	4 27.0	22.2
371043 2005 UC_{163}	17.3	X	311.56724	296.84276	331.55415	2.24821	0.2041703	0.24075646	2.5590813	20	3 19.2	20.5
371044 2005 UJ_{163}	17.4	X	228.76958	122.81129	217.12515	5.70979	0.1340852	0.23705451	2.5856550	20	3 24.8	21.4
371045 2005 UE_{167}	17.0	X	304.63763	169.91727	35.02105	4.71827	0.0877368	0.22325226	2.6911556	20	1 9.3	20.7
371046 2005 UZ_{173}	16.4	X	244.17963	49.87206	253.46178	10.05342	0.1262321	0.23096063	2.6309388	20	2 21.5	20.6
371047 2005 UT_{174}	17.4	X	226.44843	350.97066	350.82995	2.73126	0.2067699	0.23639113	2.5904901	20	3 22.4	21.5
371048 2005 UD_{182}	16.6	X	231.00889	266.09857	52.21086	13.64591	0.2355545	0.23337986	2.6127256	20	3 4.4	21.3
371049 2005 UT_{186}	16.9	X	253.67461	82.40487	247.33982	4.90847	0.0930542	0.23766611	2.5812171	20	4 11.1	20.5
371050 2005 UX_{199}	17.7	X	107.27114	245.51548	199.63121	2.05798	0.0718914	0.22943388	2.6425975	20	3 25.6	21.2
371051 2005 UG_{202}	17.3	X	188.02582	314.18888	72.15531	3.16656	0.0835921	0.23526417	2.5987561	20	4 14.7	21.1
371052 2005 UK_{214}	16.9	X	232.61765	36.54252	322.26453	5.75357	0.2643410	0.24148893	2.5539040	20	4 11.4	21.3
371053 2005 UX_{217}	17.0	X	196.42146	357.28197	35.91498	7.02103	0.2897890	0.23793062	2.5793038	20	4 28.1	21.7
371054 2005 US_{222}	16.9	X	251.30282	288.86836	6.85694	3.48140	0.1796197	0.23426173	2.6061645	20	2 20.7	21.1
371055 2005 UX_{225}	17.4	X	133.24072	147.44289	241.77648	6.19185	0.0522004	0.22637851	2.6663219	20	2 10.4	21.3
371056 2005 UE_{229}	17.2	X	187.68250	210.41406	167.23534	1.99820	0.1601296	0.23428451	2.6059955	20	4 3.3	21.3
371057 2005 UL_{234}	17.5	X	220.78401	168.43896	171.40947	3.56113	0.2626174	0.23656584	2.5892144	20	3 13.9	21.9
371058 2005 UE_{235}	17.7	X	222.56756	192.41926	156.36110	3.77280	0.1852132	0.23683109	2.5872808	20	3 29.7	22.0
371059 2005 UY_{238}	16.0	X	268.06049	184.66809	69.54809	15.13592	0.2072167	0.22593734	2.6697917	20	1 16.3	20.4
371060 2005 UA_{249}	17.2	X	159.18105	13.45825	56.92601	5.53380	0.0863968	0.23634343	2.5908386	20	5 9.0	21.0
371061 2005 UJ_{249}	17.8	X	238.16458	184.71013	154.05044	1.13167	0.2404793	0.23934174	2.5691557	20	3 27.0	22.1
371062 2005 UU_{251}	17.4	X	207.22502	88.60630	293.06413	3.04931	0.2924284	0.23924925	2.5698178	20	4 20.6	22.2
371063 2005 UB_{253}	16.6	X	186.29498	136.63626	243.71003	10.89316	0.1759425	0.23455983	2.6039559	20	4 1.5	21.0
371064 2005 UH_{259}	17.2	X	176.62047	334.78399	76.64751	3.46854	0.0774322	0.23758284	2.5818203	20	5 3.9	20.9
371065 2005 UX_{260}	17.5	X	116.09952	259.83336	208.11498	3.48074	0.1659653	0.23184871	2.6242161	20	5 18.1	21.4
371066 2005 UG_{261}	16.3	X	217.98221	115.59784	229.08981	12.80335	0.2262561	0.23417178	2.6068318	20	3 14.3	21.0
371067 2005 UD_{276}	17.7	X	196.70779	114.54092	254.73230	1.72414	0.0409397	0.23445624	2.6047229	20	3 31.5	21.5
371068 2005 US_{277}	17.5	X	248.39121	283.40570	45.80955	2.80071	0.2093344	0.23994101	2.5648761	20	3 27.0	21.5
371069 2005 UT_{280}	16.7	X	77.53786	64.90888	37.21455	9.44058	0.1748613	0.22495434	2.6775636	20	3 27.7	20.0
371070 2005 UR_{281}	17.6	X	196.67346	271.35775	70.57568	1.69784	0.1116602	0.22931982	2.6434737	20	2 28.4	21.7
371071 2005 UU_{290}	17.6	X	225.80755	54.12453	295.03646	3.66384	0.2141315	0.23831081	2.5765597	20	3 28.7	22.0
371072 2005 UQ_{292}	18.0	X	142.02671	72.85079	337.12673	2.82969	0.1931064	0.23018988	2.6368084	20	4 2.2	22.1
371073 2005 UF_{307}	16.6	X	327.15595	16.23655	228.66505	4.89817	0.0858906	0.23373679	2.6100650	20	3 28.7	19.8
371074 2005 US_{307}	17.5	X	94.48774	69.49072	22.11249	2.06307	0.0501968	0.22780767	2.6551587	20	3 15.1	20.9
371075 2005 UD_{327}	16.7	X	191.13456	346.94792	20.80355	4.68326	0.2401112	0.23354295	2.6115091	20	3 26.1	21.2
371076 2005 UE_{327}	16.4	X	181.02240	137.80625	250.17026	9.28506	0.0993468	0.23273164	2.6175748	20	4 4.9	20.5
371077 2005 UW_{333}	16.6	X	134.11689	333.85478	72.71737	6.28611	0.1784021	0.22696325	2.6617404	20	3 24.5	20.7
371078 2005 US_{349}	17.9	X	160.27057	152.69908	218.34384	20.22806	0.0827126	0.36537642	1.9378004	20	1 30.4	20.7
371079 2005 UO_{352}	16.9	X	224.34511	112.33299	242.66688	10.52809	0.1459997	0.23902534	2.5714224	20	4 5.7	21.1
371080 2005 UJ_{368}	17.4	X	189.74118	187.22970	181.23739	2.89573	0.0860835	0.23185860	2.6241414	20	3 23.8	21.1
371081 2005 UV_{369}	17.2	X	358.05992	341.25969	183.71708	4.12505	0.0272400	0.22354630	2.6887952	20	2 4.2	20.7
371082 2005 UY_{383}	16.2	X	109.56297	308.71370	142.80720	12.25747	0.1573854	0.22986702	2.6392768	20	4 22.8	20.2
371083 2005 UA_{388}	17.6	X	220.82365	211.82035	109.19414	2.61963	0.1338030	0.23286459	2.6165784	20	2 25.5	21.6
371084 2005 UA_{391}	17.7	X	11.82326	359.60739	185.05890	4.92906	0.1152050	0.23161501	2.6259810	20	3 18.2	20.5
371085 2005 UA_{397}	16.9	X	119.27004	304.64858	141.23844	13.39037	0.2387975	0.22997218	2.6384721	20	5 5.3	21.3
371086 2005 UA_{400}	17.0	X	287.62212	260.69010	45.84524	17.94900	0.0843320	0.24160179	2.5531086	20	4 28.1	20.3
371087 2005 UA_{421}	17.2	X	27.84532	234.29938	288.39617	2.34888	0.0867756	0.22843826	2.6502702	20	3 14.2	20.2
371088 2005 UT_{437}	17.2	X	104.17764	344.19843	138.54223	3.41892	0.1367314	0.23454843	2.6040402	20	5 20.8	20.9
371089 2005 UJ_{443}	17.9	X	145.38903	104.92248	330.12562	5.38971	0.3141625	0.23330031	2.6133195	20	5 12.2	22.6
371090 2005 UB_{444}	17.1	X	213.47636	125.27837	257.73614	12.46273	0.2867947	0.24024125	2.5627387	20	4 25.4	21.9
371091 2005 UN_{449}	15.6	X	94.65129	214.26606	250.30297	21.11501	0.1280169	0.22827336	2.6515464	20	4 6.3	19.6
371092 2005 UA_{459}	17.2	X	166.52022	332.50732	83.86862	8.22209	0.3651615	0.23429483	2.6059190	20	5 9.2	22.3
371093 2005 UZ_{461}	18.0	X	168.49160	267.26449	145.67122	2.72892	0.1166664	0.23697169	2.5862574	20	4 28.6	22.0
371094 2005 UD_{463}	17.5	X	88.71788	353.90811	128.56747	3.36823	0.0450692	0.23441027	2.6050634	20	4 17.1	20.9
371095 2005 UT_{468}	16.3	X	48.11732	223.71067	251.55054	8.59488	0.0984748	0.22264078	2.6960808	20	2 10.4	19.7
371096 2005 UR_{475}	17.0	X	235.30817	120.35898	208.88210	16.01473	0.2447768	0.23780906	2.5801826	20	3 9.3	21.7
371097 2005 UU_{509}	17.6	X	215.39596	199.83817	197.42219	4.94095	0.2209658	0.24258208	2.5462257	20	5 20.5	21.9
371098 2005 UR_{510}	17.9	X	199.94699	179.43447	220.99712	1.73562	0.1274084	0.23799003	2.5788745	20	5 13.4	21.7
371099 2005 UO_{512}	17.5	X	159.04477	125.23687	299.08137	2.03509	0.1592766	0.23373403	2.6100856	20	5 3.7	21.6
371100 2005 UC_{520}	17.2	X	347.34191	103.50473	123.12002	4.09795	0.0788155	0.23997846	2.5646093	20	4 8.3	20.2
371101 2005 VW_{6}	17.7	X	167.42204	63.53674	9.05187	3.20764	0.2517584	0.23624560	2.5915538	20	5 24.2	22.2
371102 2005 VH_{7}	16.9	X	195.42023	299.18950	103.87095	10.36151	0.1852300	0.23876636	2.5732814	20	5 14.3	21.2
371103 2005 VR_{15}	16.4	X	165.36518	277.41815	158.03112	15.29272	0.2054341	0.23636732	2.5906641	20	5 28.9	21.1
371104 2005 VK_{26}	17.4	X	270.01829	55.53178	239.30789	4.32939	0.1472400	0.24111474	2.5565456	20	3 8.8	21.2
371105 2005 VF_{44}	15.3	X	299.04986	323.93518	22.96433	2.88583	0.2566631	0.12374508	3.9882657	20	6 8.4	20.6
371106 2005 VD_{51}	17.8	X	198.67771	210.03918	181.60893	8.91101	0.1644806	0.23954864	2.5676761	20	5 1.8	22.0
371107 2005 VY_{60}	17.6	X	284.87408	49.53687	247.66474	1.58516	0.0686713	0.23710734	2.5852709	20	4 11.8	20.8
371108 2005 VH_{61}	16.9	X	152.28266	275.18761	167.95133	3.59564	0.1854849	0.23610824	2.5925588	20	5 24.0	21.1
371109 2005 VZ_{74}	17.2	X	206.08333	210.17467	180.55851	4.15312	0.2194356	0.23951022	2.5679507	20	5 4.9	21.5
371110 2005 VB_{75}	18.0	X	182.41673	33.23496	41.73717	4.81693	0.2961874	0.23850052	2.5751932	20	6 7.6	22.8
371111 2005 VA_{88}	17.1	X	100.66331	327.86196	117.65840	3.83417	0.0565060	0.22786294	2.6547294	20	3 17.4	20.6
371112 2005 VH_{88}	17.0	X	185.35354	263.17947	106.72040	4.87228	0.1009225	0.23154935	2.6264774	20	3 23.8	21.0
371113 2005 VR_{88}	17.6	X	179.59936	219.86235	158.83282	4.16552	0.1166884	0.23193643	2.6235544	20	3 27.7	21.6
371114 2005 VE_{89}	17.6	X	207.49354	216.89242	121.95379	4.62783	0.2038323	0.23220715	2.6215149	20	3 5.4	22.0
371115 2005 VS_{98}	16.0	X	261.36705	52.52571	296.68768	12.75065	0.1980405	0.24454469	2.5325842	20	4 29.2	20.1
371116 2005 VZ_{99}	17.6	X	179.66678	33.91431	324.45945	1.73868	0.1102673	0.23069829	2.6329330	20	3 1.4	21.7
371117 2005 VM_{107}	17.6	X	199.51993	33.39881	345.80490	2.64940	0.1263420	0.23607172	2.5928262	20	4 15.1	21.6
371118 2005 VS_{111}	16.7	X	261.19710	44.98382	285.33280	3.55663	0.2374969	0.23995750	2.5647586	20	4 3.9	20.7
371119 2005 VD_{120}	16.4	X	173.89997	131.12296	277.51326	12.04437	0.1734909	0.23096626	2.6308961	20	4 25.2	20.9
371120 2005 VN_{126}	17.0	X	230.19794	329.87200	18.80382	11.98215	0.0761022	0.24157305	2.5533111	20	4 11.2	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371121 2005 WG_{19}	17.7	X	195.92251	284.34591	137.60359	6.07135	0.3351794	0.23998475	2.5645645	20	6 1.9	22.5
371122 2005 WS_{24}	17.4	X	197.06811	9.99781	2.23497	2.22071	0.2018901	0.23408388	2.6074844	20	4 4.2	21.7
371123 2005 WQ_{30}	17.1	X	143.33047	34.93758	48.94646	5.15012	0.1325569	0.23280703	2.6170096	20	5 12.1	20.9
371124 2005 WV_{32}	16.6	X	147.23166	316.29740	64.16660	7.89580	0.1106774	0.22383297	2.6864990	20	2 29.2	20.7
371125 2005 WA_{35}	17.3	X	154.19010	13.50012	59.58128	2.65046	0.1189481	0.23363761	2.6108036	20	5 8.9	21.3
371126 2005 WT_{35}	16.7	X	205.80098	142.89473	244.91004	4.05812	0.2315391	0.23746157	2.5826992	20	4 29.2	21.2
371127 2005 WH_{40}	17.4	X	169.42269	341.01399	74.25039	3.81574	0.2288400	0.23383434	2.6093391	20	5 5.5	21.8
371128 2005 WB_{54}	16.2	X	141.13491	312.77812	94.42822	9.44035	0.2663567	0.22511938	2.6762548	20	4 9.4	20.9
371129 2005 WX_{62}	16.7	X	197.63956	252.35020	135.52721	4.93503	0.2366744	0.23687860	2.5869349	20	4 25.4	21.2
371130 2005 WK_{77}	16.5	X	212.03208	37.53303	278.04729	4.89658	0.0443540	0.22228896	2.6989248	20	2 10.8	20.5
371131 2005 WW_{78}	16.8	X	130.20571	177.10923	280.19925	4.18557	0.1269177	0.23130004	2.6283644	20	5 14.2	20.7
371132 2005 WZ_{93}	17.1	X	188.56228	262.97879	64.82376	5.59988	0.1278835	0.22289912	2.6939973	20	2 5.6	21.3
371133 2005 WZ_{97}	17.8	X	143.80326	145.00123	283.20859	3.02443	0.2302574	0.22929317	2.6436785	20	4 28.7	22.3
371134 2005 WR_{104}	16.5	X	175.14551	321.95850	85.01309	12.91655	0.1780507	0.23418508	2.6067331	20	5 2.8	20.9
371135 2005 WJ_{118}	16.7	X	204.01283	106.32736	274.70387	8.18973	0.2197403	0.23710447	2.5852917	20	4 17.2	21.3
371136 2005 WZ_{121}	16.4	X	16.07367	25.94442	96.82896	8.18204	0.1979596	0.21279826	2.7785870	20	—	—
371137 2005 WD_{122}	17.1	X	166.32552	345.94466	78.24736	5.64534	0.2673540	0.23329517	2.6133578	20	5 15.1	21.7
371138 2005 WV_{131}	17.7	X	146.90755	338.11727	67.57035	2.39939	0.1553167	0.22868101	2.6483943	20	3 31.6	21.9
371139 2005 WG_{134}	17.3	X	118.59317	155.99232	273.22140	4.66786	0.1374985	0.22307064	2.6926161	20	3 26.1	21.2
371140 2005 WR_{134}	16.8	X	197.86949	263.92473	99.60989	8.44538	0.1589715	0.22726092	2.6594156	20	3 30.5	21.2
371141 2005 WX_{149}	17.5	X	220.75869	351.01468	346.73991	2.76413	0.1628158	0.23115866	2.6294360	20	3 14.8	21.6
371142 2005 WX_{152}	16.8	X	144.09850	103.42306	263.04089	4.80252	0.0663288	0.22027814	2.7153248	20	1 29.8	20.7
371143 2005 WF_{172}	17.0	X	21.12913	271.21447	219.48517	2.48384	0.1450070	0.21769636	2.7367509	20	1 21.1	20.0
371144 2005 WN_{176}	17.5	X	53.41855	125.36625	327.95522	2.49753	0.0563988	0.21455694	2.7633825	20	1 23.2	20.8
371145 2005 WV_{177}	17.6	X	171.21903	19.07902	356.56325	1.21399	0.1413660	0.22473662	2.6792927	20	3 16.3	21.8
371146 2005 XR_{21}	17.2	X	230.70281	69.67647	248.80543	2.49969	0.2047593	0.23186072	2.6241255	20	2 26.5	21.6
371147 2005 XA_{24}	17.0	X	56.24252	223.12950	257.12150	6.44524	0.2200576	0.22033328	2.7148718	20	3 17.9	20.0
371148 2005 XA_{27}	17.7	X	126.93273	110.49669	315.93323	1.75619	0.1800089	0.22510809	2.6763443	20	4 7.1	21.8
371149 2005 XC_{35}	17.1	X	153.17145	265.62865	118.07399	3.67880	0.2031514	0.22537509	2.6742301	20	3 14.7	21.4
371150 2005 XP_{41}	17.3	X	167.10966	284.22095	83.76209	7.00102	0.0442660	0.22323656	2.6912818	20	2 29.3	21.2
371151 2005 XA_{43}	16.8	X	215.42931	57.36631	262.10736	11.70220	0.2955633	0.22967137	2.6407755	20	2 10.8	21.9
371152 2005 XR_{48}	17.2	X	214.93703	300.22540	60.85174	2.62368	0.1949253	0.23473002	2.6026971	20	4 6.9	21.5
371153 2005 XJ_{54}	17.9	X	141.25124	98.66560	299.03509	1.79456	0.1125430	0.22575659	2.6712165	20	3 10.3	21.9
371154 2005 XC_{65}	16.3	X	184.83101	280.79514	126.85186	12.12999	0.1773934	0.23218361	2.6216920	20	5 11.9	20.8
371155 2005 XQ_{73}	17.5	X	152.64574	31.59905	11.34355	2.16510	0.2059639	0.22769990	2.6559965	20	4 4.9	21.8
371156 2005 XU_{74}	16.6	X	238.37303	48.81033	328.24088	4.33551	0.2225785	0.23933718	2.5691883	20	5 13.1	20.7
371157 2005 XK_{75}	16.9	X	170.58339	331.16461	63.27064	6.31956	0.2681444	0.23037227	2.6354164	20	4 13.8	21.5
371158 2005 XF_{78}	17.1	X	214.88030	77.39210	320.27170	10.62960	0.2537545	0.24284731	2.5443715	20	5 15.1	21.7
371159 2005 XW_{101}	16.7	X	175.88175	349.09356	307.99243	4.71829	0.0489752	0.20252926	2.8717340	20	—	—
371160 2005 XV_{102}	16.8	X	129.36919	294.73109	112.52697	5.66682	0.1712263	0.21902214	2.7256958	20	3 19.7	21.0
371161 2005 YU_{15}	16.8	X	153.20072	282.63592	116.65476	6.90837	0.1640227	0.22336295	2.6902664	20	4 1.9	21.1
371162 2005 YQ_{17}	17.0	X	151.82602	295.73041	102.09415	5.63212	0.1166576	0.22830013	2.6513391	20	3 25.6	21.0
371163 2005 YY_{20}	17.3	X	141.43128	150.96954	284.87371	6.10264	0.2321140	0.22874769	2.6478797	20	5 5.6	21.8
371164 2005 YS_{24}	16.8	X	112.34590	341.38002	107.94166	5.26868	0.1249558	0.22420445	2.6835306	20	4 17.1	20.6
371165 2005 YO_{26}	17.2	X	127.64254	337.28669	81.57374	4.02468	0.1900982	0.22537689	2.6742159	20	4 2.2	21.2
371166 2005 YT_{31}	16.4	X	146.39170	96.10956	297.22143	13.44649	0.1299853	0.22022293	2.7157785	20	3 6.6	20.8
371167 2005 YB_{33}	16.9	X	151.82066	190.73489	252.34204	2.07538	0.1946631	0.23021312	2.6366309	20	5 23.1	21.1
371168 2005 YP_{33}	16.8	X	168.38493	298.74808	110.06859	6.82923	0.2561493	0.23074173	2.6326025	20	4 29.7	21.5
371169 2005 YD_{34}	17.0	X	83.77411	334.52638	111.30663	4.62269	0.1707594	0.21780486	2.7358419	20	3 13.9	20.4
371170 2005 YE_{40}	17.1	X	134.59906	115.70867	291.91184	11.09727	0.1959617	0.22174494	2.7033373	20	3 18.9	21.6
371171 2005 YH_{42}	16.9	X	140.86735	357.09412	35.29621	2.39802	0.1098666	0.22376985	2.6870041	20	3 4.9	20.7
371172 2005 YL_{48}	16.5	X	206.10779	255.40651	113.32012	7.02701	0.1492722	0.22706794	2.6609222	20	4 12.6	20.8
371173 2005 YY_{48}	16.7	X	31.30968	197.27021	285.23267	4.30858	0.0317427	0.21203018	2.7852933	20	1 28.2	20.3
371174 2005 YC_{55}	17.0	X	132.83447	264.80504	137.52752	3.83671	0.1837195	0.22145104	2.7057286	20	3 16.8	21.1
371175 2005 YG_{80}	16.9	X	83.30957	350.33392	87.39559	3.31941	0.0771200	0.21583090	2.7524977	20	2 17.2	20.4
371176 2005 YR_{80}	16.7	X	88.47494	157.48461	282.58624	4.56228	0.1005311	0.21760235	2.7375391	20	2 27.0	20.3
371177 2005 YZ_{81}	16.5	X	147.52414	247.97473	115.58071	7.55013	0.0721113	0.21435060	2.7651557	20	2 2.5	20.4
371178 2005 YS_{82}	16.4	X	180.63810	86.52928	281.72337	5.21322	0.0332858	0.22031733	2.7150028	20	3 10.2	20.4
371179 2005 YG_{87}	17.1	X	150.75103	289.88776	103.46947	4.60850	0.1064554	0.22198846	2.7013599	20	3 17.9	21.1
371180 2005 YL_{87}	16.5	X	121.45828	297.59045	108.18657	6.25251	0.0284973	0.21720839	2.7408482	20	2 19.1	20.3
371181 2005 YQ_{88}	16.7	X	241.93741	156.85077	125.09336	2.91431	0.0345164	0.21459409	2.7630636	20	2 6.9	20.6
371182 2005 YX_{90}	17.1	X	114.78252	150.42564	281.28637	5.52321	0.0377133	0.21883466	2.7272522	20	3 11.1	21.0
371183 2005 YA_{105}	16.8	X	169.58922	238.62495	101.97145	9.85750	0.1925996	0.21749610	2.7384305	20	2 6.9	21.3
371184 2005 YV_{111}	16.5	X	189.50128	119.17655	244.36872	4.17750	0.0178074	0.22175687	2.7032403	20	3 15.0	20.2
371185 2005 YH_{113}	16.7	X	32.24033	206.83384	271.17796	4.25960	0.0599127	0.21384094	2.7695475	20	1 23.7	20.0
371186 2005 YX_{115}	16.8	X	31.84525	112.31136	4.80348	3.16642	0.0476585	0.21134671	2.7912949	20	1 23.9	20.3
371187 2005 YF_{118}	16.9	X	82.29623	317.67896	96.16892	4.77817	0.0905193	0.21093926	2.7948882	20	1 18.0	20.4
371188 2005 YK_{118}	16.5	X	9.01225	4.65486	93.66129	3.24358	0.0234270	0.20369709	2.8607473	20	—	—
371189 2005 YV_{126}	16.8	X	196.11788	169.12556	45.39910	2.68273	0.2025124	0.18997584	2.9968877	20	12 2.2	21.7
371190 2005 YW_{126}	16.3	X	131.44705	132.33921	308.05999	10.40803	0.1311316	0.22629408	2.6669851	20	4 20.1	20.6
371191 2005 YA_{127}	16.3	X	191.59949	108.34617	303.43153	11.25973	0.1827947	0.23283080	2.6168315	20	5 16.0	20.8
371192 2005 YF_{133}	16.6	X	60.37180	140.18437	319.28696	5.26016	0.0365832	0.21659976	2.7459802	20	2 7.5	20.2
371193 2005 YG_{133}	17.2	X	92.33665	53.36591	10.68136	2.84823	0.0790950	0.21690858	2.7433732	20	2 11.7	20.7
371194 2005 YN_{146}	16.8	X	66.55512	60.33754	43.21603	2.76397	0.0362121	0.21718053	2.7410826	20	2 22.2	20.3
371195 2005 YW_{148}	17.1	X	196.97566	42.19116	326.51729	6.46406	0.3325177	0.23064384	2.6333473	20	3 28.3	22.2
371196 2005 YL_{154}	16.7	X	142.61106	123.21293	317.38451	6.51281	0.2027404	0.22769803	2.6560110	20	5 10.1	21.2
371197 2005 YO_{159}	16.5	X	186.19398	136.13765	269.22785	13.24767	0.2574665	0.23389467	2.6088904	20	5 3.3	21.3
371198 2005 YC_{162}	16.2	X	156.28010	288.56994	125.74262	13.90922	0.2681453	0.22903729	2.6456471	20	4 30.6	21.1
371199 2005 YJ_{176}	17.0	X	159.85402	308.49281	103.59499	5.02375	0.1537431	0.22740257	2.6583111	20	4 22.2	21.2
371200 2005 YQ_{193}	16.7	X	149.87647	238.71193	121.06149	7.30594	0.0622523	0.21186849	2.7867102	20	1 30.5	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371201 2005 YP_{208}	17.1	X	163.18588	65.28307	346.91144	10.90796	0.3025500	0.23053297	2.6341915	20	4 24.3	22.0
371202 2005 YS_{213}	16.9	X	164.05900	19.72973	34.87109	4.65503	0.1894630	0.22982581	2.6395923	20	4 28.2	21.3
371203 2005 YS_{289}	13.8	X	257.85713	190.11544	111.98092	7.44966	0.0578451	0.08193010	5.2501745	20	4 1.4	20.9
371204 2006 AN_7	16.4	X	189.75122	70.18021	339.77595	28.28718	0.3467506	0.23345487	2.6121659	20	4 29.3	22.0
371205 2006 AT_8	16.5	X	209.64269	188.69920	129.85427	6.83385	0.0151136	0.21559442	2.7545101	20	2 15.3	20.2
371206 2006 AO_{39}	17.0	X	142.47099	77.65610	319.40733	2.57646	0.0947591	0.21993329	2.7181624	20	3 9.6	21.0
371207 2006 AG_{41}	17.1	X	95.70232	340.53028	67.56953	2.43106	0.0737867	0.21093088	2.7949622	20	1 26.8	20.8
371208 2006 AU_{46}	16.7	X	177.45846	241.99667	119.39739	14.90441	0.1500549	0.22167279	2.7039239	20	3 9.9	21.2
371209 2006 AF_{52}	17.1	X	153.42776	224.03358	131.26249	5.45720	0.0835345	0.21352200	2.7723047	20	1 30.6	21.2
371210 2006 AK_{53}	16.9	X	171.90036	81.82640	270.91055	3.22825	0.0961766	0.21581051	2.7526711	20	2 15.5	21.1
371211 2006 AQ_{54}	17.7	X	65.68492	293.41390	160.41911	3.99453	0.0624121	0.21367034	2.7710214	20	2 10.1	21.3
371212 2006 AU_{66}	16.9	X	236.02152	22.33145	272.63789	3.13680	0.0301342	0.21516448	2.7581783	20	2 14.9	20.8
371213 2006 AR_{75}	16.9	X	106.06433	295.86526	124.38827	5.30229	0.0677945	0.21533001	2.7567646	20	2 23.4	20.5
371214 2006 AN_{81}	16.2	X	46.78217	144.08306	311.12261	8.57284	0.1333508	0.20990330	2.8040765	20	1 22.1	19.2
371215 2006 AG_{92}	17.1	X	208.12266	111.85334	305.90356	4.52224	0.2763010	0.23735271	2.5834889	20	6 5.5	21.7
371216 2006 AX_{92}	17.1	X	135.77153	71.40705	317.79143	6.49614	0.1461965	0.21727414	2.7402952	20	2 26.8	21.2
371217 2006 AA_{101}	16.9	X	142.59814	262.28017	151.90013	2.93436	0.1809437	0.22257497	2.6966122	20	4 9.2	21.2
371218 2006 AH_{101}	16.5	X	154.60086	54.72906	323.91733	5.11811	0.0743931	0.21334246	2.7738599	20	2 27.9	20.6
371219 2006 AJ_{101}	16.3	X	92.54085	291.45187	139.79119	6.77791	0.0464219	0.21421623	2.7663118	20	2 16.2	19.9
371220 Angers	16.5	X	93.99510	123.31128	320.75100	8.70746	0.1574032	0.21574076	2.7532643	20	3 17.8	20.3
371221 2006 BM_{40}	17.0	X	59.24059	130.67538	331.16864	7.08992	0.1990354	0.21111596	2.7933284	20	2 28.1	20.0
371222 2006 BR_{41}	16.8	X	282.65304	216.11600	337.11167	8.34810	0.0313918	0.19777625	2.9175611	20	—	—
371223 2006 BJ_{47}	17.2	X	204.22206	307.94434	346.70551	1.57231	0.0428503	0.20929662	2.8094927	20	1 11.1	21.3
371224 2006 BG_{50}	17.1	X	195.00423	70.09484	328.07086	5.61594	0.3611088	0.23398988	2.6081826	20	4 30.4	22.3
371225 2006 BO_{52}	17.1	X	139.15912	266.70677	124.74710	4.31259	0.2046153	0.21760565	2.7375114	20	3 12.2	21.4
371226 2006 BP_{52}	16.3	X	207.58012	281.12928	319.85738	11.09544	0.0001697	0.19712130	2.9240200	20	—	—
371227 2006 BJ_{59}	16.2	X	182.19676	58.99971	145.60593	14.13573	0.1820595	0.18050896	3.1007747	20	11 13.4	21.5
371228 2006 BO_{62}	16.3	X	60.58622	306.36355	140.40542	9.62312	0.1545338	0.21174625	2.7877826	20	2 4.3	19.3
371229 2006 BS_{70}	16.6	X	43.27557	30.99831	74.43193	5.14342	0.0672812	0.20926942	2.8097361	20	1 26.6	20.1
371230 2006 BJ_{73}	16.4	X	265.56459	179.44826	64.72841	3.83533	0.0201513	0.20838025	2.8177233	20	1 22.3	20.2
371231 2006 BY_{74}	17.1	X	69.97428	341.31273	55.83117	2.90524	0.0753739	0.20259130	2.8711476	20	—	—
371232 2006 BX_{79}	15.8	X	144.12171	268.14338	0.58524	11.29234	0.1327450	0.18339028	3.0682106	20	12 21.7	20.9
371233 2006 BA_{80}	16.2	X	312.72835	108.42254	29.34376	6.26677	0.0602285	0.19423923	2.9528728	20	—	—
371234 2006 BE_{87}	17.0	X	67.81920	345.16403	87.57684	3.94055	0.0880679	0.20878342	2.8140947	20	1 21.8	20.6
371235 2006 BS_{89}	16.7	X	65.05648	114.05283	339.37657	4.35229	0.0369291	0.21056930	2.7981609	20	2 7.7	20.4
371236 2006 BV_{89}	16.0	X	181.79470	244.55911	324.01516	15.72846	0.1776277	0.18175993	3.0865308	20	11 8.1	21.4
371237 2006 BH_{94}	16.5	X	41.67184	144.57606	314.41473	5.06225	0.0364113	0.20516595	2.8470769	20	1 14.9	20.1
371238 2006 BC_{97}	15.7	X	105.95991	41.91432	340.39800	13.28806	0.2157697	0.20408866	2.8570870	20	1 31.8	19.8
371239 2006 BW_{121}	17.2	X	59.95414	37.66308	58.24453	0.96379	0.0304738	0.21052813	2.7985256	20	2 3.0	20.7
371240 2006 BT_{123}	16.3	X	153.43468	307.30819	331.76517	10.71955	0.0954894	0.18896873	3.0075262	20	—	—
371241 2006 BW_{126}	16.9	X	81.07533	150.99883	253.50736	1.15936	0.1106703	0.20378470	2.8599273	20	1 8.1	20.5
371242 2006 BR_{127}	16.9	X	129.15804	83.85714	313.75200	5.14885	0.0592640	0.21086083	2.7955812	20	2 20.7	20.9
371243 2006 BP_{128}	16.5	X	263.86525	226.95813	329.32797	8.88944	0.0651072	0.19565037	2.9386573	20	—	—
371244 2006 BA_{139}	16.4	X	213.31902	267.46960	329.26844	10.53376	0.0681241	0.19225172	2.9731893	20	—	—
371245 2006 BJ_{144}	17.0	X	152.64817	274.11814	168.65720	14.99065	0.2864611	0.23007249	2.6377052	20	5 29.8	22.0
371246 2006 BT_{145}	15.7	X	44.57358	340.31649	138.71302	22.37972	0.0357662	0.21306827	2.7762391	20	2 11.6	19.1
371247 2006 BB_{148}	16.8	X	120.97538	100.94091	342.25207	6.03749	0.2049213	0.22192534	2.7018721	20	4 23.2	21.0
371248 2006 BN_{152}	16.7	X	30.30945	23.10351	65.58486	3.06283	0.0370125	0.20254325	2.8716017	20	—	—
371249 2006 BG_{156}	16.9	X	98.57771	275.36325	145.82020	14.28895	0.1820307	0.21160808	2.7889960	20	3 3.5	20.7
371250 2006 BJ_{165}	17.0	X	84.57231	120.80670	300.71460	3.98275	0.1486739	0.20903544	2.8118324	20	2 7.7	20.6
371251 2006 BV_{171}	16.0	X	186.67789	200.75634	137.63893	7.50723	0.0383389	0.21351968	2.7723248	20	2 12.9	19.8
371252 2006 BT_{172}	16.4	X	172.35814	248.21501	134.57644	13.36054	0.2194143	0.22408447	2.6844885	20	4 2.6	21.2
371253 2006 BV_{172}	16.5	X	201.91303	47.53720	273.90181	3.68138	0.0603331	0.21312631	2.7757350	20	2 8.2	20.7
371254 2006 BL_{173}	14.1	X	353.11012	34.76764	197.10941	2.22192	0.0482303	0.08664013	5.0581299	20	5 2.0	20.5
371255 2006 BQ_{198}	17.1	X	119.06940	79.65364	346.28426	7.00678	0.2210462	0.21761358	2.7374449	20	4 2.2	21.3
371256 2006 BJ_{224}	16.8	X	179.96027	187.67111	159.45702	4.74590	0.0799493	0.21184609	2.7869066	20	2 17.5	21.0
371257 2006 BP_{224}	16.5	X	101.60654	289.26171	147.24511	13.31208	0.1841002	0.21701188	2.7425026	20	3 28.4	20.4
371258 2006 BT_{224}	17.7	X	113.78739	280.24294	169.24663	3.75276	0.2902263	0.22317986	2.6917375	20	5 6.3	22.0
371259 2006 BQ_{227}	16.9	X	97.00618	44.06535	7.14937	1.85051	0.0421234	0.20539881	2.8449246	20	1 28.8	20.8
371260 2006 BU_{233}	16.7	X	76.80172	320.85417	102.93516	5.08026	0.0893165	0.20952625	2.8074396	20	1 23.1	20.1
371261 2006 BS_{255}	16.6	X	62.21109	171.70324	293.45564	6.52655	0.1818857	0.21342653	2.7731314	20	3 3.4	19.8
371262 2006 BY_{266}	16.6	X	69.48917	304.65903	166.88736	15.91007	0.1972218	0.21698457	2.7427327	20	3 31.5	19.9
371263 2006 CC_{20}	17.1	X	58.37678	298.78195	160.95812	4.00943	0.0578182	0.21178499	2.7874426	20	2 7.1	20.7
371264 2006 CM_{57}	16.4	X	219.16364	253.45584	340.60058	3.19082	0.1070762	0.19195710	2.9762308	20	—	—
371265 2006 DW_1	16.6	X	61.70039	102.84540	344.40660	7.88303	0.1131753	0.20913028	2.8109823	20	2 4.5	19.9
371266 2006 DU_7	15.7	X	37.64025	231.76099	168.68010	9.95256	0.0473065	0.18901201	3.0070671	20	—	—
371267 2006 DM_{36}	16.4	X	104.33914	250.25579	178.13928	13.86272	0.1667946	0.21015340	2.8018514	20	3 15.8	20.3
371268 2006 DJ_{44}	16.0	X	147.86657	208.09117	172.23986	6.79861	0.0117742	0.21028319	2.8006984	20	2 15.8	19.9
371269 2006 DC_{45}	16.3	X	179.46893	279.12230	348.29510	10.78334	0.0584390	0.19114531	2.9846514	20	—	—
371270 2006 DA_{46}	16.8	X	78.49449	282.88905	160.81241	3.96018	0.1670002	0.20951779	2.8075152	20	3 1.9	20.4
371271 2006 DR_{49}	15.8	X	272.08834	181.86263	343.36992	14.29723	0.0958995	0.19336489	2.9617676	20	—	—
371272 2006 DD_{77}	16.4	X	163.05719	144.48234	96.48595	2.45815	0.1255146	0.18144615	3.0900883	20	12 6.8	21.4
371273 2006 DP_{82}	16.8	X	201.81575	300.82582	320.31286	1.48574	0.0422195	0.19330821	2.9623464	20	—	—
371274 2006 DR_{94}	16.2	X	153.17373	241.64680	6.64857	9.57883	0.1143163	0.17777168	3.1325235	20	12 3.9	21.3
371275 2006 DE_{96}	18.7	X	174.10613	198.56564	359.56672	3.82272	0.0514938	0.31331447	2.1469194	20	11 25.1	21.4
371276 2006 DX_{99}	17.0	X	63.30867	10.71906	59.44973	2.76782	0.0490001	0.20304896	2.8668318	20	1 9.2	20.8
371277 2006 DW_{102}	16.5	X	182.92221	121.21384	132.69981	1.65165	0.0915809	0.18776074	3.0204120	20	—	—
371278 2006 DK_{106}	16.6	X	171.02474	134.15611	146.06708	1.57134	0.0898630	0.18962944	3.0005362	20	—	—
371279 2006 DP_{113}	15.9	X	151.42250	55.96902	353.88381	25.42921	0.0917586	0.21526404	2.7573277	20	3 29.2	20.2
371280 2006 DO_{117}	15.8	X	188.79775	251.41012	11.03610	8.94873	0.0878585	0.18770157	3.0210468	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371281 2006 DQ_{131}	16.2	X	173.50488	204.00220	79.35470	5.51362	0.0899681	0.19218518	2.9738755	20	—	—
371282 2006 DQ_{132}	15.7	X	152.90510	306.36605	5.85796	11.00272	0.0868757	0.19477183	2.9474874	20	—	—
371283 2006 DX_{134}	17.8	X	157.04701	95.46893	342.47688	6.52966	0.3603214	0.22973322	2.6403014	20	5 25.4	22.9
371284 2006 DF_{140}	15.8	X	192.97906	203.15634	21.85664	9.27222	0.0829262	0.18466478	3.0540771	20	12 19.9	20.5
371285 2006 DD_{151}	16.7	X	151.10866	304.71414	327.41119	2.56861	0.1376251	0.18256741	3.0774231	20	12 31.7	21.6
371286 2006 DU_{159}	16.5	X	202.26694	246.34079	350.55244	8.55597	0.0492549	0.18934149	3.0035776	20	—	—
371287 2006 DC_{166}	16.5	X	104.33620	304.22724	104.22881	3.31095	0.0836722	0.20557862	2.8432655	20	2 9.7	20.4
371288 2006 DX_{173}	17.4	X	87.26935	107.11444	150.59139	5.98357	0.1955995	0.30628499	2.1796440	20	11 11.9	20.7
371289 2006 DK_{210}	16.6	X	174.50803	201.38736	10.99962	5.41786	0.1120995	0.17690446	3.1427526	20	11 12.7	21.6
371290 2006 DE_{211}	16.6	X	226.56936	46.53455	180.18272	2.26794	0.0651026	0.19054564	2.9909101	20	—	—
371291 2006 DP_{211}	16.2	X	256.14257	217.75063	1.40654	9.58289	0.0549169	0.19326060	2.9628329	20	—	—
371292 2006 EE_{7}	16.5	X	155.26581	146.23254	159.45668	3.12959	0.0995053	0.19204349	2.9753381	20	—	—
371293 2006 EV_{17}	16.1	X	193.39523	204.79026	2.32865	9.21049	0.1479742	0.17959225	3.1113175	20	11 21.4	21.1
371294 2006 EO_{26}	16.3	X	213.95981	312.56863	281.63378	1.06005	0.1611595	0.18966233	3.0001893	20	—	—
371295 2006 EQ_{42}	16.6	X	60.28458	40.80002	340.77534	10.31532	0.1101187	0.18977682	2.9989825	20	—	—
371296 2006 EJ_{47}	16.1	X	125.79293	302.25562	0.73278	10.62392	0.1341781	0.18751267	3.0230754	20	—	—
371297 2006 ES_{55}	16.5	X	165.23589	141.65816	178.70965	6.16805	0.0380164	0.19900925	2.9054978	20	—	—
371298 2006 EB_{66}	16.8	X	148.37095	60.49685	187.57771	16.48973	0.1902196	0.17517543	3.1633986	20	12 1.8	22.4
371299 2006 EM_{74}	16.6	X	19.64332	298.36587	163.44697	10.20066	0.0444524	0.20009636	2.8949646	20	—	—
371300 2006 FB_{1}	17.0	X	63.49600	87.49213	9.50038	1.69618	0.0312105	0.20603272	2.8390863	20	2 10.0	20.8
371301 2006 FU_{3}	16.5	X	119.63896	186.90779	65.94586	1.32341	0.1237651	0.17089371	3.2160194	20	11 9.4	21.4
371302 2006 FS_{4}	16.2	X	81.28697	88.77781	21.56731	10.24248	0.1465096	0.21385757	2.7694039	20	4 6.7	19.7
371303 2006 FM_{10}	15.6	X	276.10589	36.30509	135.27415	11.25002	0.1950141	0.19198337	2.9759592	20	—	—
371304 2006 FD_{13}	16.2	X	129.70909	278.46620	31.47095	7.19552	0.1152310	0.18304785	3.0720359	20	—	—
371305 2006 FN_{17}	18.3	X	71.40989	238.76309	41.62502	4.64078	0.1837233	0.30313535	2.1947160	20	11 21.7	21.4
371306 2006 FG_{26}	15.7	X	207.86494	181.58643	20.28183	10.10864	0.2362664	0.17963634	3.1108083	20	11 21.5	20.9
371307 2006 FH_{38}	16.0	X	53.72405	28.05371	39.82349	6.18058	0.0588112	0.19738716	2.9213939	20	—	—
371308 2006 FM_{42}	16.3	X	99.73137	217.01158	71.62363	3.42422	0.0901556	0.17317692	3.1876897	20	11 29.2	21.0
371309 2006 GO_{9}	15.8	X	98.97438	71.95614	30.15504	13.43243	0.1531934	0.21396928	2.7684399	20	4 19.4	19.7
371310 2006 GY_{27}	16.1	X	191.15002	101.64305	107.70893	2.74836	0.1386738	0.17564383	3.1577721	20	11 24.8	21.1
371311 2006 GN_{29}	16.6	X	274.60539	327.88078	205.48496	4.81740	0.1160167	0.18663930	3.0324989	20	—	—
371312 2006 GV_{30}	16.1	X	169.07856	119.83666	136.84065	3.50607	0.0530073	0.18026776	3.1035399	20	—	—
371313 2006 GX_{50}	15.4	X	307.52935	31.37433	143.30713	11.77126	0.0523298	0.19468607	2.9483529	20	—	—
371314 2006 GZ_{51}	15.4	X	193.38196	226.96142	355.66124	27.26031	0.1310014	0.17902657	3.1178680	20	12 8.8	20.8
371315 2006 HP_{10}	16.4	X	342.44934	2.58990	139.57009	6.21889	0.1116797	0.19477565	2.9474488	20	—	—
371316 2006 HP_{14}	16.4	X	245.51741	131.82039	37.01775	1.31781	0.1191191	0.18081514	3.0972733	20	12 6.9	20.8
371317 2006 HS_{21}	17.1	X	236.92311	75.93109	84.83490	4.51002	0.0727467	0.24672145	2.5176660	20	12 8.8	20.1
371318 2006 HU_{41}	15.9	X	89.60991	188.38486	170.50143	12.25411	0.0393397	0.18137397	3.0909080	20	—	—
371319 2006 HE_{65}	16.7	X	204.05127	330.78956	201.87608	4.46471	0.1494538	0.17174301	3.2054081	20	10 23.8	21.7
371320 2006 HF_{65}	18.4	X	136.15122	23.79501	202.70613	3.63765	0.1051024	0.30674067	2.1774849	20	11 15.5	21.5
371321 2006 HF_{66}	16.2	X	185.73806	174.44754	61.02376	6.22621	0.1103081	0.17729364	3.1381517	20	12 21.4	21.0
371322 2006 HC_{72}	16.1	X	241.12473	89.11902	93.90449	7.84401	0.1043305	0.17950163	3.1123644	20	12 20.5	20.4
371323 2006 HM_{80}	16.4	X	24.18387	187.82876	232.11857	9.85624	0.0566952	0.18238273	3.0795003	20	—	—
371324 2006 HK_{94}	16.0	X	58.65944	203.37981	180.78419	13.18642	0.0182766	0.18109025	3.0941356	20	—	—
371325 2006 HU_{94}	16.5	X	173.78216	190.87515	58.47652	2.05133	0.1140998	0.18069210	3.0986791	20	12 26.5	21.4
371326 2006 JW_{3}	15.8	X	51.04103	341.44377	47.93814	10.69043	0.1650050	0.18197616	3.0840853	20	—	—
371327 2006 JX_{3}	15.8	X	143.35539	241.31672	49.05539	10.49347	0.0327466	0.18048557	3.1010425	20	—	—
371328 2006 JO_{7}	18.9	X	129.21201	41.60767	205.36439	3.75200	0.1005389	0.30858471	2.1688014	20	12 5.2	21.9
371329 2006 JU_{14}	16.2	X	122.43705	126.58989	189.04878	10.68802	0.0893866	0.17793396	3.1306185	20	—	—
371330 2006 JU_{16}	16.4	X	262.63940	10.70500	173.27975	3.94300	0.1013114	0.18389889	3.0625509	20	—	—
371331 2006 JK_{21}	18.1	X	97.27816	131.32942	123.98490	6.27444	0.1004610	0.30316195	2.1945876	20	11 12.3	21.1
371332 2006 JW_{28}	18.0	X	40.53351	230.29632	66.24031	6.45095	0.1436128	0.29957127	2.2120891	20	11 3.7	20.6
371333 2006 JJ_{33}	15.5	X	117.15273	176.56680	118.82399	10.43371	0.0636364	0.17411055	3.1762839	20	12 23.6	20.3
371334 2006 JC_{59}	15.8	X	55.12992	326.67004	38.51634	10.68357	0.1229427	0.17880296	3.1204669	20	—	—
371335 2006 JS_{80}	16.1	X	241.72254	359.89747	175.52592	9.58547	0.0663457	0.17581880	3.1556768	20	12 16.8	20.7
371336 2006 KD_{1}	17.4	X	225.03136	338.23022	168.93112	30.74306	0.7845988	0.25217324	2.4812473	20	9 3.4	23.1
371337 2006 KV_{2}	17.5	X	60.16736	199.54626	83.76700	7.95606	0.1484489	0.29929458	2.2134522	20	11 11.5	20.4
371338 2006 KY_{7}	15.4	X	159.52444	2.63318	235.93685	9.85109	0.0566855	0.17159630	3.2072349	20	11 30.6	20.1
371339 2006 KG_{18}	16.2	X	175.83257	84.11392	145.77915	9.98359	0.0394295	0.17578067	3.1561330	20	12 10.6	20.9
371340 2006 KL_{19}	18.0	X	67.80436	209.59002	43.49495	3.43174	0.2272927	0.29582946	2.2307031	20	10 17.9	21.2
371341 2006 KX_{34}	15.9	X	5.79176	326.65168	64.61863	5.03027	0.0536555	0.17066237	3.2189251	20	12 4.9	20.3
371342 2006 KT_{39}	15.1	X	213.14146	119.91201	100.21455	21.31276	0.0431633	0.18213586	3.0822823	20	—	—
371343 2006 KY_{49}	16.3	X	261.53878	48.42611	121.55638	1.95383	0.1221017	0.18090926	3.0961989	20	12 28.3	20.2
371344 2006 KJ_{50}	16.0	X	7.17490	189.08056	218.11651	8.83938	0.0697940	0.17499860	3.1655293	20	12 28.1	20.3
371345 2006 KA_{51}	16.2	X	252.28663	144.55688	68.48465	9.59174	0.0871058	0.18586824	3.0408798	20	—	—
371346 2006 KZ_{52}	15.6	X	2.32378	217.11473	213.64340	9.17378	0.0747483	0.17825099	3.1269054	20	—	—
371347 2006 KL_{66}	15.9	X	86.33243	272.36164	61.21543	10.21328	0.0686799	0.17691883	3.1425825	20	—	—
371348 2006 KB_{83}	16.0	X	311.97653	343.09480	136.01898	11.18634	0.0806475	0.18256025	3.0775036	20	—	—
371349 2006 KB_{94}	16.5	X	45.20941	206.38559	216.20441	9.97895	0.0401862	0.18477613	3.0528501	20	—	—
371350 2006 KG_{103}	15.8	X	346.68100	317.25579	100.51019	11.00143	0.0570201	0.17169757	3.2059737	20	12 12.9	20.1
371351 2006 KW_{143}	16.0	X	46.90585	256.33901	150.99868	10.74329	0.0498080	0.18105267	3.0945636	20	—	—
371352 2006 KZ_{144}	16.2	X	217.53088	6.73308	192.85945	3.26488	0.1481710	0.17708858	3.1405738	20	12 8.2	20.9
371353 2006 LX	18.3	X	356.63500	30.83869	285.53443	4.44461	0.2085659	0.28553040	2.2840265	20	9 20.9	19.9
371354 2006 LH_{1}	18.2	X	52.12571	112.42232	170.47197	9.14202	0.2259086	0.29586823	2.2305082	20	11 11.2	21.3
371355 2006 MN_{1}	15.3	X	27.35737	278.30625	121.02988	20.25795	0.0893282	0.17840783	3.1250726	20	—	—
371356 2006 MD_{2}	15.6	X	157.73173	68.98473	203.34994	11.09474	0.0414665	0.17623070	3.1507576	20	—	—
371357 2006 MW_{14}	17.2	X	84.66616	357.14937	260.06091	8.72835	0.1830629	0.29493324	2.2352198	20	11 2.2	20.6
371358 2006 OJ	17.5	X	149.49480	47.68041	132.01098	6.60358	0.0474007	0.29039894	2.2584269	20	9 28.9	20.4
371359 2006 OT_{8}	18.1	X	4.96918	203.86949	128.27404	5.13767	0.1980815	0.28912920	2.2650341	20	11 8.0	20.2
371360 2006 PK_{4}	17.6	X	349.52613	249.06396	63.80716	5.23644	0.2570003	0.28209036	2.3025579	20	9 8.0	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371361 2006 PF_9	17.8	X	318.81170	38.10686	317.24674	3.32943	0.1823318	0.28189307	2.3036321	20	8 22.2	19.3
371362 2006 PO_{14}	16.9	X	29.10239	9.53350	301.61486	7.77357	0.1398274	0.29027400	2.2590749	20	10 31.5	19.6
371363 2006 PB_{15}	17.9	X	23.25148	186.13704	126.18427	5.57331	0.2080576	0.28910547	2.2651580	20	11 10.6	20.4
371364 2006 PA_{17}	16.6	X	322.05191	73.09821	304.49996	6.00138	0.1220900	0.28457259	2.2891487	20	10 6.4	18.8
371365 2006 PF_{21}	17.7	X	344.08519	355.94268	351.74229	2.39237	0.1812110	0.28627362	2.2800717	20	10 13.3	19.3
371366 2006 PH_{27}	17.2	X	312.25339	13.23129	350.62726	10.79813	0.2203817	0.28291593	2.2980763	20	8 20.0	18.7
371367 2006 PM_{34}	17.5	X	343.12803	262.23143	55.93006	5.53830	0.2589296	0.28104830	2.3082459	20	8 27.4	18.5
371368 2006 QD_1	17.1	X	10.22705	35.04817	301.84855	10.43539	0.1981495	0.28881706	2.2666658	20	11 18.9	19.6
371369 2006 QC_{29}	17.9	X	311.32196	199.52046	146.56173	5.32111	0.1771102	0.27799690	2.3251060	20	7 19.1	20.0
371370 2006 QL_{40}	17.3	X	4.35616	14.45939	306.92424	6.59909	0.1387969	0.28324620	2.2962896	20	10 3.2	19.6
371371 2006 QS_{47}	17.7	X	333.07976	309.73696	0.15192	6.52179	0.2689370	0.27707702	2.3302492	20	6 28.1	19.1
371372 2006 QC_{51}	17.2	X	332.69418	6.86039	355.17601	6.00414	0.1835509	0.28504724	2.2866068	20	10 8.8	18.6
371373 2006 QB_{61}	17.7	X	311.38850	199.57747	171.61050	5.21121	0.2034560	0.28170648	2.3046492	20	8 28.5	19.4
371374 2006 QJ_{63}	17.7	X	319.13181	52.80458	342.33151	8.00763	0.1286374	0.28845375	2.2685686	20	10 29.5	19.7
371375 2006 QW_{79}	17.6	X	40.47029	335.65223	311.23011	5.32829	0.1851391	0.28810732	2.2703868	20	10 20.9	20.4
371376 2006 QB_{99}	18.1	X	351.61553	273.66786	64.25331	1.58657	0.2393979	0.28619882	2.2804689	20	10 24.9	19.5
371377 2006 QD_{108}	18.3	X	291.58375	108.63449	269.25824	1.64466	0.2220229	0.27746433	2.3280802	20	7 22.8	20.4
371378 2006 QG_{114}	17.7	X	353.50089	82.28419	256.66165	6.45554	0.1434827	0.28601924	2.2814234	20	10 12.1	19.8
371379 2006 QV_{116}	17.5	X	9.98552	20.67768	301.55410	5.67083	0.1311212	0.28558934	2.2837123	20	10 14.7	19.9
371380 2006 QU_{122}	17.2	X	284.80146	61.23944	325.88744	4.09468	0.2540126	0.27442356	2.3452462	20	7 19.7	19.8
371381 2006 QP_{126}	17.7	X	348.16206	290.32461	72.57762	2.93636	0.1683610	0.28745248	2.2738336	20	11 15.7	19.6
371382 2006 QB_{145}	17.5	X	270.98425	62.41590	333.74623	7.75814	0.1178740	0.27748534	2.3279627	20	8 5.7	20.2
371383 2006 QZ_{162}	17.6	X	354.78766	344.93904	327.50508	4.67655	0.2615616	0.28130875	2.3068210	20	9 17.8	18.9
371384 2006 QF_{182}	17.5	X	253.11888	282.73054	162.04619	8.13459	0.1769372	0.27919241	2.3184638	20	9 8.2	20.0
371385 2006 QJ_{187}	17.8	X	20.54065	72.22972	227.09636	5.95109	0.2251317	0.28557214	2.2838040	20	10 17.2	20.2
371386 2006 RE	17.1	X	330.23124	43.72714	312.86827	10.72464	0.1297208	0.28112344	2.3078346	20	9 16.5	19.4
371387 2006 RQ_8	17.5	X	321.19600	198.44390	170.29061	6.80728	0.1211627	0.28225653	2.3016541	20	9 24.5	19.4
371388 2006 RA_9	17.9	X	359.43348	345.01832	20.04575	3.02258	0.2237562	0.28875102	2.2670114	20	12 19.2	20.0
371389 2006 RS_{10}	18.1	X	277.09334	20.09195	16.91133	2.63535	0.2117463	0.27608336	2.3358372	20	7 30.3	20.5
371390 2006 RD_{19}	17.4	X	306.02487	215.39625	167.43245	6.03288	0.2749451	0.27766124	2.3269794	20	8 22.0	18.7
371391 2006 RH_{19}	17.1	X	341.51154	122.88660	185.89796	23.87051	0.2730895	0.27664929	2.3326505	20	7 20.5	19.1
371392 2006 RO_{19}	17.2	X	269.95763	25.97798	16.17161	6.47272	0.1219468	0.27492332	2.3424033	20	8 13.5	19.9
371393 2006 RW_{19}	17.6	X	309.00244	15.84967	332.31974	3.59321	0.1737159	0.27663718	2.3327186	20	7 19.4	19.7
371394 2006 RH_{28}	18.1	X	1.00801	96.26870	234.51297	3.73484	0.2023839	0.28682321	2.2771581	20	10 26.3	20.0
371395 2006 RB_{33}	17.6	X	282.78279	44.63379	358.75173	5.49603	0.2327674	0.27629681	2.3346340	20	8 15.9	19.9
371396 2006 RR_{37}	17.8	X	317.01229	253.35529	135.87528	6.59159	0.1980551	0.28278703	2.2987746	20	10 20.7	19.3
371397 2006 RA_{60}	16.6	X	307.47698	160.90034	204.08990	24.86670	0.1992513	0.27568092	2.3381099	20	7 30.9	19.5
371398 2006 RP_{63}	17.3	X	347.91726	266.55527	80.27510	6.47549	0.1934112	0.28460785	2.2889596	20	10 25.9	19.1
371399 2006 RH_{71}	18.7	X	318.80759	208.46404	172.54186	1.12717	0.2277481	0.28199715	2.3030652	20	10 5.9	19.9
371400 2006 RZ_{71}	18.1	X	258.24299	279.55120	180.07929	2.84775	0.0807179	0.28516520	2.2859762	20	10 25.2	20.6
371401 2006 RR_{73}	17.8	X	237.07023	48.38538	5.47215	2.48437	0.1785855	0.27023196	2.3694356	20	7 5.7	21.2
371402 2006 RV_{73}	17.4	X	83.75887	44.15931	175.63757	6.97621	0.0746844	0.27680976	2.3317489	20	8 28.6	20.5
371403 2006 RQ_{82}	18.1	X	343.54688	332.22646	348.97795	2.24401	0.2102129	0.27880808	2.3205939	20	8 27.3	19.4
371404 2006 RU_{82}	17.9	X	116.68195	335.39097	201.20617	3.96913	0.0088499	0.27303881	2.3531691	20	8 2.5	20.8
371405 2006 RN_{84}	17.9	X	252.92630	195.42591	210.61766	0.78615	0.1793780	0.27178800	2.3603833	20	7 13.1	20.9
371406 2006 RM_{86}	17.7	X	165.45694	105.35311	4.05285	5.85541	0.0696774	0.26774770	2.3840694	20	7 8.5	21.1
371407 2006 RP_{95}	17.7	X	198.91193	231.63044	220.95480	1.35030	0.1661322	0.26717189	2.3874935	20	7 18.1	21.4
371408 2006 RV_{100}	17.8	X	345.74619	210.71779	115.23996	6.45035	0.2028133	0.28139366	2.3063569	20	9 14.8	19.3
371409 2006 RU_{121}	18.0	X	275.55589	247.64470	168.94428	2.03975	0.2033697	0.27766912	2.3269354	20	8 26.9	20.5
371410 2006 SU_{21}	17.6	X	343.24894	101.54561	227.97326	6.28903	0.1454302	0.27970593	2.3156252	20	9 2.8	19.6
371411 2006 SF_{34}	17.6	X	15.68852	354.35685	300.17926	2.60831	0.2382135	0.28226806	2.3015914	20	10 2.5	19.6
371412 2006 SA_{40}	17.8	X	285.96578	16.90551	30.75443	3.07100	0.1466773	0.28042941	2.3116408	20	9 13.2	19.9
371413 2006 SW_{48}	18.0	X	294.21539	233.88075	157.02044	2.18508	0.2258233	0.27784383	2.3259599	20	8 17.6	20.1
371414 2006 SZ_{48}	17.3	X	325.50850	196.97817	186.44333	7.28625	0.1286417	0.28349939	2.2949222	20	10 28.4	19.2
371415 2006 SZ_{59}	16.8	X	318.85736	222.79089	135.89312	7.45915	0.1257055	0.27839718	2.3228767	20	9 3.1	18.8
371416 2006 SM_{66}	18.1	X	349.30718	299.19972	328.06650	0.85303	0.1736197	0.27066961	2.3668808	20	6 3.6	19.7
371417 2006 SE_{76}	17.8	X	4.14912	201.84005	93.81374	1.77229	0.2139097	0.27736846	2.3286167	20	9 6.6	19.5
371418 2006 SJ_{80}	17.6	X	207.56139	87.12566	346.74118	8.15017	0.1441697	0.26810834	2.3819309	20	7 4.9	21.3
371419 2006 SV_{85}	17.7	X	306.73126	198.03226	198.43954	6.42436	0.1247245	0.28123639	2.3072166	20	10 7.9	19.8
371420 2006 SB_{94}	17.9	X	342.60193	259.04351	32.51232	3.02615	0.2194042	0.27166406	2.3611011	20	6 27.1	19.3
371421 2006 SA_{103}	17.8	X	341.59789	157.83352	191.44278	3.75828	0.1718284	0.28185061	2.3038634	20	10 8.7	19.2
371422 2006 SW_{104}	17.5	X	285.71300	14.01526	10.54447	8.44035	0.1285027	0.27570929	2.3379494	20	8 12.6	20.1
371423 2006 SX_{105}	17.6	X	281.53859	219.01531	180.61566	4.26377	0.1097591	0.27679234	2.3318467	20	8 26.9	20.2
371424 2006 SD_{110}	17.6	X	295.19935	204.25783	190.79741	3.41909	0.1427269	0.28028264	2.3124477	20	9 9.4	19.5
371425 2006 SM_{115}	17.8	X	224.38496	57.77770	359.81367	3.54393	0.1057844	0.27067694	2.3668381	20	7 4.4	21.0
371426 2006 SY_{117}	18.1	X	305.71772	50.07400	19.72275	2.49974	0.1867976	0.28498769	2.2869253	20	11 27.2	19.4
371427 2006 SN_{141}	17.9	X	269.58144	280.62225	118.04158	7.28932	0.2330567	0.27301965	2.3532791	20	7 16.4	20.8
371428 2006 ST_{150}	17.9	X	252.23207	196.72922	226.13228	1.19618	0.2034160	0.27286243	2.3541830	20	8 1.2	20.9
371429 2006 SY_{157}	17.5	X	207.76411	125.63481	18.09097	7.77316	0.0498048	0.28468867	2.2885264	20	10 19.2	20.2
371430 2006 SS_{163}	18.0	X	308.16809	326.47957	38.15736	2.56878	0.2076898	0.27600701	2.3362679	20	8 9.4	19.7
371431 2006 SF_{175}	17.4	X	285.04424	272.04480	177.72334	8.66179	0.1673802	0.28890815	2.2661893	20	11 17.6	19.3
371432 2006 SG_{185}	17.6	X	317.21066	300.16856	18.61687	4.92565	0.2046470	0.27090230	2.3655253	20	6 10.9	19.6
371433 2006 SH_{192}	17.7	X	260.67574	351.92785	42.65256	4.07447	0.1890356	0.27180071	2.3603097	20	7 6.0	20.8
371434 2006 SZ_{199}	17.9	X	210.30792	92.65214	9.55537	5.35657	0.1273312	0.27203819	2.3589358	20	8 17.8	21.3
371435 2006 SG_{206}	17.6	X	346.21817	147.87306	177.27170	1.81725	0.1814790	0.27845043	2.3225806	20	9 7.9	19.3
371436 2006 SW_{212}	17.1	X	333.37583	245.90011	60.63261	11.04393	0.2692910	0.27374761	2.3491053	20	6 20.3	18.4
371437 2006 SJ_{215}	17.6	X	9.29156	136.71068	157.92656	5.14571	0.1687967	0.27782166	2.3260836	20	9 8.5	19.3
371438 2006 SO_{221}	17.9	X	23.77641	268.54271	0.63172	5.77503	0.1526681	0.27824480	2.3237247	20	8 26.2	20.1
371439 2006 ST_{239}	18.1	X	249.96375	259.10834	167.82195	3.33529	0.2587604	0.27309607	2.3528401	20	7 27.1	21.5
371440 2006 SJ_{240}	17.8	X	321.26501	271.02787	51.03567	1.97178	0.2005045	0.27425379	2.3462140	20	6 27.5	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371441 2006 SM_{258}	17.7	X	180.18854	258.39114	201.39971	4.51762	0.0676527	0.26694886	2.3888232	20	7 11.0	21.0
371442 2006 SW_{272}	17.2	X	289.16409	71.84644	17.95967	9.80668	0.2085794	0.28335735	2.2956890	20	11 14.3	19.0
371443 2006 SB_{274}	18.2	X	279.27781	336.19587	35.65810	2.75252	0.2282207	0.26897915	2.3767872	20	6 21.9	20.9
371444 2006 SG_{279}	17.7	X	313.70150	128.00047	205.19324	6.35233	0.1207819	0.26765150	2.3846406	20	7 9.5	20.3
371445 2006 SM_{285}	17.1	X	341.56747	37.30018	22.20494	5.57725	0.0833551	0.21918422	2.7243518	20	12 22.4	20.4
371446 2006 SY_{287}	17.7	X	264.06892	190.04792	230.77545	5.23186	0.2168542	0.27658568	2.3330082	20	8 10.4	20.5
371447 2006 SJ_{290}	17.7	X	306.71203	227.05196	129.60685	4.37970	0.2488607	0.27497495	2.3421100	20	7 13.7	19.5
371448 2006 SU_{296}	17.4	X	240.74506	52.07456	353.37472	6.69393	0.1007928	0.27105153	2.3646569	20	7 9.4	20.7
371449 2006 SM_{300}	17.7	X	356.11594	176.45420	138.09158	5.84663	0.2225446	0.28047243	2.3114044	20	9 23.1	19.2
371450 2006 SO_{316}	18.5	X	297.02217	301.05296	86.20949	2.16058	0.1901112	0.27727594	2.3291346	20	8 25.5	20.5
371451 2006 SV_{316}	18.1	X	246.67293	298.34462	135.86705	2.94806	0.1618785	0.27421722	2.3464226	20	8 17.0	21.2
371452 2006 SB_{317}	18.3	X	258.32324	20.71081	49.26079	3.66306	0.1420373	0.27622180	2.3350566	20	9 1.6	21.0
371453 2006 SL_{317}	18.0	X	327.46391	213.52196	122.40759	2.33923	0.2069365	0.27657892	2.3330461	20	8 7.4	19.5
371454 2006 SZ_{322}	17.1	X	220.04986	284.72190	179.85061	10.95888	0.1250799	0.27542852	2.3395380	20	8 29.3	20.3
371455 2006 SQ_{332}	17.6	X	348.43533	347.47701	329.04208	1.48660	0.2100066	0.27598719	2.3363797	20	8 31.2	18.8
371456 2006 SY_{346}	17.7	X	195.03461	118.52175	343.57149	2.24081	0.1488380	0.26834549	2.3805274	20	7 28.7	21.4
371457 2006 SG_{348}	17.8	X	167.47225	84.03523	14.62596	3.02216	0.1496132	0.26178492	2.4201352	20	6 25.8	21.6
371458 2006 SR_{355}	17.4	X	218.73572	336.08587	85.98623	3.62708	0.1645713	0.26581778	2.3955948	20	6 27.9	21.1
371459 2006 SH_{361}	17.5	X	331.08360	286.36967	63.12558	2.79358	0.2291282	0.27770345	2.3267436	20	9 14.3	18.6
371460 2006 SO_{361}	17.7	X	312.74092	249.35477	69.82545	3.14522	0.2224406	0.26915188	2.3757702	20	5 30.6	20.0
371461 2006 SR_{364}	17.5	X	264.59628	14.37184	29.63461	7.30240	0.1813340	0.26902909	2.3764931	20	7 28.2	20.6
371462 2006 SW_{367}	16.8	X	293.37877	194.27954	179.26070	25.01692	0.2500261	0.27269429	2.3551506	20	7 11.3	19.9
371463 2006 SB_{391}	17.5	X	339.76622	138.73019	209.09586	4.68884	0.1014958	0.28012318	2.3133251	20	9 25.5	19.7
371464 2006 SG_{393}	17.8	X	282.09283	166.69737	263.40043	4.58592	0.2074881	0.28048075	2.3113586	20	9 26.4	20.1
371465 2006 SE_{397}	18.4	X	253.83049	315.29559	131.47561	1.86987	0.1720478	0.27683373	2.3316143	20	9 12.9	21.1
371466 2006 SN_{406}	17.5	X	6.26361	323.17524	26.13279	7.98394	0.1678664	0.28617126	2.2806153	20	11 25.5	19.9
371467 2006 SF_{409}	18.0	X	233.88657	308.32256	122.31173	6.03922	0.3330301	0.26691500	2.3890252	20	7 8.8	22.1
371468 2006 TF_{4}	17.7	X	228.90195	71.01720	359.55678	2.92331	0.1633758	0.26812142	2.3818535	20	7 21.4	21.0
371469 2006 TS_{6}	17.9	X	306.91754	209.65596	100.42189	3.59978	0.1774472	0.26615542	2.3935684	20	5 15.1	20.4
371470 2006 TL_{9}	17.9	X	304.28916	197.72370	160.86545	1.36514	0.2070367	0.27331061	2.3516087	20	7 19.4	20.1
371471 2006 TE_{14}	17.6	X	280.42632	26.69253	357.96924	10.07225	0.1487009	0.27333891	2.3514464	20	7 31.0	20.3
371472 2006 TP_{17}	17.8	X	312.69922	175.53331	165.19599	2.48193	0.1795628	0.27294145	2.3537286	20	7 12.4	19.7
371473 2006 TG_{18}	17.7	X	333.11324	154.59454	161.60393	2.64701	0.2206874	0.27402192	2.3475374	20	7 15.1	19.1
371474 2006 TL_{21}	17.1	X	266.23331	33.07828	38.37020	9.38543	0.1702600	0.27579797	2.3374483	20	9 14.0	19.8
371475 2006 TM_{27}	17.7	X	190.08485	257.64495	208.39928	3.82405	0.1502423	0.26635286	2.3923854	20	7 26.9	21.4
371476 2006 TE_{28}	17.3	X	289.23579	198.16558	204.16102	7.02595	0.1099229	0.27665023	2.3326452	20	9 12.2	19.7
371477 2006 TR_{30}	17.7	X	315.03984	343.80761	28.31597	2.79002	0.2072193	0.27792412	2.3255119	20	9 9.8	19.0
371478 2006 TB_{33}	17.1	X	319.05644	225.05356	206.14445	6.38776	0.0769484	0.28838179	2.2689460	20	12 24.7	19.5
371479 2006 TY_{35}	17.6	X	334.70242	39.37135	290.02696	1.17240	0.2250690	0.27536072	2.3399220	20	8 14.5	18.8
371480 2006 TK_{36}	17.8	X	188.94076	180.47802	267.68313	1.38381	0.1507987	0.26248951	2.4158024	20	7 3.1	21.4
371481 2006 TX_{39}	17.9	X	285.84783	345.50129	36.00072	2.89270	0.1845024	0.27250350	2.3562498	20	7 25.9	20.4
371482 2006 TY_{39}	18.1	X	314.97292	46.83723	286.59378	0.45194	0.2032862	0.27164398	2.3612175	20	7 1.6	19.8
371483 2006 TQ_{46}	17.7	X	304.85534	188.47375	201.98723	4.58338	0.2335579	0.27730755	2.3289576	20	9 8.3	19.1
371484 2006 TG_{53}	18.6	X	261.15306	333.81679	60.10244	4.47826	0.2063266	0.26832284	2.3806613	20	7 2.7	21.7
371485 2006 TM_{66}	18.2	X	293.90262	346.78718	35.53685	2.79039	0.1583370	0.27678526	2.3318865	20	8 16.8	20.4
371486 2006 TT_{66}	17.1	X	299.87889	164.27912	269.97825	4.03802	0.1395675	0.28615163	2.2807196	20	11 23.0	19.0
371487 2006 TY_{66}	17.4	X	312.36712	65.45383	311.42986	6.72005	0.0937448	0.27937918	2.3174304	20	9 16.4	19.8
371488 2006 TN_{72}	17.0	X	339.44654	298.16886	59.25451	9.13530	0.1791608	0.28130098	2.3068634	20	10 21.5	18.7
371489 2006 TV_{73}	17.4	X	279.09883	241.23492	158.71794	6.48992	0.1497781	0.27494997	2.3422519	20	8 16.4	20.0
371490 2006 TB_{92}	16.9	X	171.23443	91.61750	34.84443	10.73464	0.1035136	0.26616040	2.3935385	20	8 11.1	20.6
371491 2006 TW_{92}	18.2	X	234.82527	248.25470	172.70323	2.26208	0.1643657	0.26895774	2.3769134	20	7 13.7	21.5
371492 2006 TT_{93}	17.6	X	207.66084	354.96559	84.74977	3.60930	0.1556657	0.26487682	2.4012649	20	7 10.9	21.1
371493 2006 TR_{94}	17.4	X	340.01078	276.85982	57.36029	6.29338	0.1906197	0.27606845	2.3359213	20	9 12.9	19.1
371494 2006 TJ_{102}	18.4	X	267.98356	163.95457	233.95208	2.25618	0.1724421	0.27155507	2.3617329	20	7 22.5	21.1
371495 2006 TG_{110}	17.8	X	203.94565	76.71455	350.05392	4.86875	0.0846616	0.26360022	2.4090115	20	6 24.0	21.2
371496 2006 UA_{16}	17.8	X	269.74570	323.72128	73.33800	5.22903	0.1910095	0.27039322	2.3684934	20	7 22.3	20.6
371497 2006 UG_{25}	17.4	X	229.56495	56.71262	9.38583	2.19126	0.1601305	0.26825745	2.3810482	20	7 16.1	20.8
371498 2006 UV_{26}	18.0	X	305.22265	105.17771	234.39614	1.57497	0.0925555	0.26952610	2.3735707	20	7 9.2	20.6
371499 2006 UA_{36}	18.2	X	248.17297	75.36895	337.08217	1.63775	0.1798501	0.26912303	2.3759400	20	7 16.4	21.4
371500 2006 UH_{36}	17.1	X	241.57502	171.43123	271.37139	1.76244	0.1583763	0.27259521	2.3557213	20	8 21.9	20.1
371501 2006 UP_{39}	18.0	X	268.23770	0.19849	32.18787	2.82784	0.1973430	0.27061406	2.3672047	20	7 11.8	20.8
371502 2006 UK_{41}	17.1	X	330.87627	103.47617	220.30202	11.57931	0.2557958	0.27374054	2.3491458	20	7 15.1	18.8
371503 2006 UP_{45}	17.8	X	207.64366	311.42428	114.93632	2.32470	0.1766010	0.26172047	2.4205325	20	6 21.5	21.4
371504 2006 UE_{46}	17.5	X	253.22893	319.07757	62.84188	7.60988	0.1124570	0.26425195	2.4050489	20	6 18.8	20.8
371505 2006 UN_{63}	17.4	X	296.79921	346.40452	44.20223	2.70401	0.2410039	0.27652524	2.3333481	20	8 21.6	19.1
371506 2006 UT_{68}	17.4	X	293.67804	286.84135	89.19149	3.90250	0.1969756	0.27374072	2.3491448	20	7 29.3	19.7
371507 2006 UL_{70}	17.1	X	344.08838	240.83977	41.43831	5.68332	0.1143955	0.26409622	2.4059943	20	6 19.7	19.5
371508 2006 UQ_{74}	18.3	X	270.20726	64.73594	328.22122	2.56432	0.1806180	0.27187754	2.3598650	20	7 18.2	21.2
371509 2006 UV_{74}	17.5	X	258.14909	40.91108	11.33618	10.52374	0.1110787	0.27256945	2.3558697	20	8 14.1	20.5
371510 2006 UX_{74}	17.4	X	1.60143	288.49336	353.25944	4.49712	0.1153755	0.27072635	2.3665501	20	7 27.1	19.6
371511 2006 UU_{75}	17.6	X	276.04821	17.98796	32.06248	7.32189	0.0947832	0.27660164	2.3329184	20	9 9.7	20.2
371512 2006 UY_{77}	17.4	X	325.14327	18.87124	334.57615	2.01841	0.2141090	0.27765344	2.3270230	20	9 1.7	18.6
371513 2006 UP_{82}	17.2	X	302.51020	337.31212	352.59479	4.49360	0.2966592	0.27078133	2.3662297	20	5 12.8	19.8
371514 2006 UO_{88}	17.9	X	252.48580	29.52461	8.72326	3.01044	0.2414131	0.26751475	2.3854532	20	6 23.5	21.3
371515 2006 UF_{94}	17.5	X	261.46933	268.74048	122.71168	2.16711	0.1868828	0.26919702	2.3755047	20	7 2.3	20.4
371516 2006 UM_{123}	17.3	X	38.28610	302.39047	23.58107	4.80226	0.1883547	0.29010287	2.2599632	20	12 13.3	20.3
371517 2006 UK_{144}	17.9	X	215.97947	61.87714	354.19707	2.73325	0.1862762	0.26203904	2.4185703	20	6 15.3	21.7
371518 2006 UN_{155}	17.9	X	284.34330	321.60723	70.63426	3.37546	0.2157682	0.27515001	2.3411165	20	8 3.6	20.2
371519 2006 UQ_{166}	17.9	X	236.43901	321.46762	149.41391	3.57441	0.1184838	0.27859080	2.3218003	20	10 2.4	20.7
371520 2006 UY_{169}	17.2	X	190.60719	29.71115	67.82536	4.89193	0.1640479	0.26521554	2.3992200	20	7 17.5	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371521 2006 UK_{178}	17.1	X	314.65803	224.23767	100.40619	6.88994	0.1328236	0.27007800	2.3703360	20	6 27.6	19.4
371522 2006 UG_{185}	13.9	X	144.28329	301.94411	131.75521	20.04644	0.1263633	0.09357325	4.8050905	20	5 10.4	21.1
371523 2006 UJ_{191}	18.1	X	311.19250	23.13098	331.71445	7.07865	0.2410969	0.27530007	2.3402657	20	7 25.0	19.8
371524 2006 UX_{196}	17.5	X	56.36689	19.64332	218.53208	3.72949	0.1690487	0.27040265	2.3684383	20	8 30.7	20.4
371525 2006 UR_{198}	18.7	X	274.78425	201.01816	190.11689	0.97276	0.1943578	0.27135578	2.3628891	20	7 19.3	21.6
371526 2006 UV_{213}	17.5	X	301.97131	98.99153	255.15315	4.99900	0.1592777	0.26999565	2.3708179	20	7 14.9	19.8
371527 2006 UB_{216}	17.3	X	334.22240	265.63612	26.81879	7.11623	0.3255837	0.27207153	2.3587431	20	5 14.0	18.5
371528 2006 UC_{220}	17.4	X	339.70305	198.36874	143.25011	5.67230	0.1861557	0.27876917	2.3208098	20	9 23.2	18.9
371529 2006 UQ_{221}	17.7	X	217.65806	184.03423	244.25761	4.96152	0.1922892	0.26575877	2.3959494	20	7 2.4	21.4
371530 2006 UZ_{224}	17.8	X	263.98745	129.89713	311.87168	4.32699	0.1790026	0.27823071	2.3238032	20	9 17.4	20.5
371531 2006 UC_{225}	17.4	X	346.80548	340.97202	351.45048	5.14022	0.1974841	0.27838598	2.3229390	20	9 23.2	18.9
371532 2006 UY_{234}	16.9	X	217.69269	5.30819	77.45437	6.67694	0.0977816	0.26036395	2.4289327	20	8 1.7	20.3
371533 2006 UM_{240}	15.8	X	303.18863	56.59256	271.88516	1.62174	0.2234465	0.12432680	3.9758154	20	5 27.7	21.0
371534 2006 UB_{247}	17.4	X	334.04336	239.64807	20.61447	2.80483	0.1576064	0.26089088	2.4256611	20	4 20.9	19.9
371535 2006 UC_{250}	17.9	X	310.91526	264.95707	40.30454	2.93264	0.1974476	0.26649237	2.3915504	20	5 9.8	20.5
371536 2006 UZ_{265}	17.6	X	312.17149	14.16924	343.45027	4.81878	0.1547679	0.27405411	2.3473535	20	8 13.8	19.5
371537 2006 UF_{266}	17.9	X	225.29132	261.06564	168.05729	1.06940	0.1647910	0.26713893	2.3876899	20	7 14.2	21.3
371538 2006 UD_{274}	17.7	X	254.57916	97.10159	293.58773	1.53514	0.1928968	0.26635890	2.3923492	20	6 21.8	20.8
371539 2006 UR_{274}	17.2	X	193.54811	346.57969	166.10383	1.97112	0.1423752	0.27944297	2.3170777	20	10 3.9	20.5
371540 2006 UZ_{285}	17.9	X	263.42756	344.54160	66.86291	2.32455	0.1729559	0.27164985	2.3611835	20	8 6.1	20.8
371541 2006 UB_{290}	17.7	X	25.68920	330.67993	309.67986	3.56840	0.1208999	0.27383235	2.3486207	20	9 6.6	20.2
371542 2006 UK_{291}	16.9	X	230.01555	324.76855	130.15222	6.12622	0.2223271	0.26972217	2.3724202	20	8 17.8	20.5
371543 2006 UV_{291}	17.9	X	256.71956	321.94434	98.70058	2.45092	0.1717673	0.27144825	2.3623524	20	8 9.9	20.7
371544 2006 UT_{302}	17.7	X	338.56172	318.11791	23.52750	3.05994	0.1490587	0.28198777	2.3031163	20	9 18.2	19.3
371545 2006 UK_{304}	18.1	X	257.08611	57.14502	34.78224	2.47824	0.1729124	0.28329679	2.2960162	20	9 26.4	20.7
371546 2006 UL_{331}	17.1	X	268.55959	46.21411	352.87814	7.25361	0.1164465	0.27091396	2.3654574	20	8 6.8	19.9
371547 2006 UO_{337}	18.2	X	241.08490	55.02689	5.74395	1.98707	0.1942767	0.26880682	2.3778030	20	7 17.9	21.6
371548 2006 UY_{349}	15.6	X	301.80699	94.75667	236.94587	3.32547	0.1227129	0.12093935	4.0497135	20	6 13.3	20.9
371549 2006 VF_{2}	17.0	X	327.49081	19.46327	326.90134	6.31570	0.2740950	0.27615161	2.3354523	20	8 21.6	17.6
371550 2006 VC_{10}	17.7	X	11.19458	215.24703	45.32224	1.87613	0.1638732	0.26578887	2.3957685	20	7 15.6	19.6
371551 2006 VC_{16}	17.5	X	301.12380	320.08123	29.97418	4.59903	0.2067557	0.27029702	2.3690554	20	6 29.5	20.0
371552 2006 VT_{16}	17.5	X	143.34712	207.10606	275.27346	1.71021	0.1591969	0.25776653	2.4452224	20	7 3.3	21.2
371553 2006 VP_{25}	17.7	X	158.99830	149.32035	327.82582	1.49445	0.1214498	0.26018825	2.4300261	20	7 11.3	21.2
371554 2006 VL_{29}	17.8	X	287.05397	11.39941	16.43858	3.02320	0.1898173	0.27145183	2.3623316	20	8 6.1	20.2
371555 2006 VX_{29}	16.9	X	122.48437	144.31567	7.18524	2.10023	0.1384313	0.25785010	2.4446941	20	7 19.6	20.6
371556 2006 VK_{30}	18.0	X	229.19283	59.01007	14.06400	2.14609	0.1469962	0.26633192	2.3925108	20	7 26.8	21.4
371557 2006 VO_{30}	17.4	X	291.13433	51.45579	22.77309	2.91303	0.0938162	0.27960323	2.3161922	20	11 7.1	19.5
371558 2006 VQ_{30}	18.1	X	296.77302	332.79852	36.21827	2.70649	0.2460560	0.27183600	2.3601054	20	7 14.3	20.3
371559 2006 VV_{38}	17.8	X	239.04615	166.55716	236.71944	2.56635	0.1218511	0.26520125	2.3993062	20	6 29.6	21.2
371560 2006 VK_{52}	17.3	X	221.14539	126.65109	291.36516	5.40717	0.0831059	0.26331645	2.4107419	20	7 2.9	20.5
371561 2006 VK_{57}	17.8	X	209.34774	346.95185	75.08127	3.32960	0.1632855	0.26088274	2.4257115	20	6 18.2	21.6
371562 2006 VF_{58}	17.8	X	223.97322	246.74288	191.29044	2.65436	0.1689627	0.26614788	2.3936136	20	7 23.8	21.3
371563 2006 VF_{64}	17.3	X	319.02027	65.36762	236.19408	4.15826	0.1147333	0.26039428	2.4287441	20	6 2.1	19.7
371564 2006 VL_{66}	17.2	X	318.92755	161.08926	211.77286	6.95612	0.1957390	0.27825228	2.3236831	20	9 18.5	18.7
371565 2006 VO_{68}	17.6	X	266.31785	313.76890	105.55153	2.15916	0.1658288	0.27284317	2.3542938	20	8 23.2	20.2
371566 2006 VX_{70}	17.0	X	112.54343	46.33865	107.34487	2.23853	0.1191225	0.25616753	2.4553873	20	7 8.8	20.5
371567 2006 VE_{72}	18.1	X	290.20557	166.54134	204.57940	0.75257	0.1982717	0.27013503	2.3700023	20	7 13.6	20.5
371568 2006 VC_{95}	17.8	X	293.55593	222.67050	159.75564	2.64200	0.2053920	0.27411926	2.3469816	20	8 5.5	20.0
371569 2006 VE_{98}	17.3	X	201.34314	14.17303	76.82472	5.87516	0.1913885	0.26319784	2.4114661	20	7 17.7	21.2
371570 2006 VF_{104}	17.2	X	188.85804	334.41342	103.41823	3.07763	0.1831528	0.26135588	2.4227831	20	6 18.6	21.2
371571 2006 VR_{104}	17.4	X	284.25232	317.28311	90.22362	7.86426	0.2489518	0.27567984	2.3381160	20	8 23.5	19.7
371572 2006 VH_{107}	17.3	X	292.84131	346.03669	31.23125	5.35533	0.2493149	0.27239623	2.3568683	20	7 20.4	19.6
371573 2006 VF_{115}	17.6	X	271.99442	319.97790	81.98715	2.31330	0.1748811	0.27147623	2.3621901	20	8 4.5	20.3
371574 2006 VR_{130}	18.0	X	209.19818	342.05583	93.74654	2.38344	0.1583027	0.26298654	2.4127577	20	7 6.8	21.7
371575 2006 VS_{130}	17.6	X	131.99051	299.59027	226.03179	5.54105	0.0412970	0.26562043	2.3967813	20	8 9.1	20.8
371576 2006 VJ_{133}	17.5	X	203.69157	15.62795	82.47438	4.13620	0.1319506	0.26564408	2.3966390	20	8 3.0	21.0
371577 2006 VY_{140}	17.4	X	157.61585	6.20284	93.87196	2.32115	0.1408113	0.25523221	2.4613822	20	6 17.4	21.2
371578 2006 VU_{142}	17.9	X	273.66394	154.34712	259.18409	3.12366	0.1768089	0.27315280	2.3525143	20	8 21.9	20.4
371579 2006 VF_{143}	17.6	X	240.78432	10.40811	52.49490	3.22823	0.1501338	0.26681779	2.3896054	20	7 26.6	20.9
371580 2006 VM_{151}	18.2	X	232.52411	21.37088	36.20202	2.87033	0.2125489	0.26585145	2.3953926	20	7 1.9	21.7
371581 2006 VP_{154}	17.9	X	292.01754	222.92983	168.60135	4.95020	0.2251503	0.27507084	2.3415657	20	8 12.9	20.0
371582 2006 VN_{170}	18.2	X	208.99426	177.28655	235.39024	0.74859	0.1728786	0.25871539	2.4392400	20	6 5.1	22.0
371583 2006 VY_{172}	17.3	X	137.20608	299.83566	183.77335	1.73578	0.1492445	0.25105715	2.4885955	20	6 27.9	21.1
371584 2006 WH_{4}	17.7	X	227.04108	338.82554	95.55461	3.52962	0.1793621	0.26484386	2.4014641	20	7 22.2	21.1
371585 2006 WO_{7}	17.7	X	322.88619	117.89291	180.57718	4.61363	0.1433574	0.26222140	2.4174489	20	6 1.1	20.0
371586 2006 WW_{24}	18.1	X	281.42516	194.69658	190.57780	2.51662	0.2029826	0.26927486	2.3750469	20	7 18.9	20.9
371587 2006 WD_{29}	17.3	X	305.55745	268.45970	61.54315	2.59540	0.1508508	0.26488329	2.4012258	20	6 15.7	19.8
371588 2006 WC_{41}	18.2	X	53.70441	65.83223	145.31485	4.81116	0.0265043	0.25845813	2.4408584	20	6 25.5	21.2
371589 2006 WN_{42}	17.2	X	151.70939	348.81550	134.78122	5.01618	0.1222345	0.25891842	2.4379647	20	7 11.7	20.7
371590 2006 WB_{47}	18.4	X	212.22717	108.49068	323.37868	1.66768	0.1565116	0.26217744	2.4177191	20	7 4.9	22.0
371591 2006 WQ_{49}	17.5	X	268.19939	304.43589	84.95605	7.24699	0.1676061	0.26731337	2.3866511	20	7 12.0	20.3
371592 2006 WH_{52}	18.2	X	221.04263	83.87387	334.13326	1.00627	0.1683980	0.26211380	2.4181104	20	6 24.5	21.8
371593 2006 WB_{90}	17.5	X	210.09648	203.50068	217.40875	2.03884	0.1891384	0.25846885	2.4407909	20	6 16.0	21.4
371594 2006 WQ_{98}	17.8	X	311.86512	239.61675	85.70772	2.11736	0.1720262	0.26549862	2.3975143	20	6 16.7	20.1
371595 2006 WA_{101}	17.5	X	265.19107	23.48709	9.33496	1.37964	0.1832000	0.26812403	2.3818380	20	7 10.1	20.3
371596 2006 WL_{110}	18.0	X	254.24471	256.77401	122.25091	2.05183	0.1934230	0.26282843	2.4137252	20	6 5.5	21.4
371597 2006 WE_{118}	17.6	X	249.41630	152.69400	267.47764	1.58846	0.2026582	0.26732048	2.3866087	20	7 24.8	20.8
371598 2006 WF_{125}	17.1	X	130.03092	23.29023	101.88289	3.10188	0.1906821	0.25286848	2.4766973	20	6 25.8	21.0
371599 2006 WG_{125}	17.0	X	169.79543	124.53678	328.45345	4.33231	0.1603491	0.25661211	2.4525505	20	6 20.6	20.8
371600 2006 WK_{143}	17.5	X	327.71227	184.48383	132.97013	2.25766	0.1942721	0.26765308	2.3846312	20	7 5.4	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371601 2006 WB_{146}	17.4	X	46.13958	153.71458	11.90307	2.98861	0.0764365	0.24624656	2.5209018	20	4 15.5	20.2
371602 2006 WO_{146}	18.2	X	203.97996	33.13434	54.97340	1.91251	0.1496496	0.26263526	2.4149086	20	7 18.8	21.9
371603 2006 WQ_{146}	17.5	X	183.99742	168.39775	279.73231	1.61981	0.1616858	0.25848679	2.4406780	20	6 27.8	21.4
371604 2006 WY_{152}	17.2	X	227.37091	140.90525	291.27694	4.57516	0.1498601	0.26097354	2.4251488	20	7 21.9	20.5
371605 2006 WZ_{161}	18.0	X	190.00073	284.55798	181.10095	0.99590	0.1434568	0.26378945	2.4078592	20	7 27.5	21.7
371606 2006 WW_{174}	18.1	X	260.63958	220.20455	173.91792	1.10800	0.1952677	0.26655715	2.3911629	20	7 3.6	21.2
371607 2006 WA_{182}	17.8	X	268.61134	286.42876	72.99805	3.70748	0.1964766	0.26346595	2.4098299	20	5 26.3	21.0
371608 2006 XD_{6}	17.4	X	315.33685	222.56110	148.74275	3.84257	0.2610177	0.27573341	2.3378131	20	8 31.9	18.4
371609 2006 XQ_{9}	16.9	X	261.40748	293.45260	45.02675	3.12347	0.1747561	0.25341817	2.4731144	20	4 22.9	20.3
371610 2006 XC_{13}	17.2	X	165.92023	23.87214	56.49873	2.36760	0.1482994	0.25343828	2.4729836	20	5 30.9	21.2
371611 2006 XN_{19}	17.3	X	140.75641	342.65046	169.64552	1.18220	0.1254581	0.25745040	2.4472237	20	8 7.4	21.0
371612 2006 XL_{26}	17.4	X	232.10145	274.95411	119.69666	5.12692	0.1834988	0.26053192	2.4278886	20	6 4.2	21.1
371613 2006 XC_{40}	17.8	X	143.67567	220.90735	259.61528	0.68825	0.1278329	0.25714309	2.4491731	20	6 29.5	21.5
371614 2006 XG_{41}	17.4	X	225.34263	100.29557	278.67226	5.13686	0.1588335	0.25288807	2.4765693	20	5 7.8	21.3
371615 2006 XW_{41}	17.4	X	208.51646	316.02704	100.47908	3.65134	0.1907505	0.25593663	2.4568638	20	6 8.9	21.4
371616 2006 XS_{57}	16.9	X	308.17338	71.71815	237.71285	7.68060	0.1468523	0.25865470	2.4396216	20	5 20.7	19.7
371617 2006 XP_{60}	17.3	X	255.47955	67.75303	295.53880	7.87286	0.1930585	0.25618605	2.4552689	20	5 14.6	21.0
371618 2006 XY_{62}	17.1	X	102.00019	186.24140	282.32706	5.33696	0.2509665	0.23946781	2.5682539	20	5 12.0	20.9
371619 2006 XU_{70}	17.4	X	8.81695	41.15408	123.61661	2.59292	0.0867055	0.23202183	2.6229105	20	2 16.1	20.3
371620 2006 YB_{18}	17.1	X	187.04737	341.31284	93.28588	6.18879	0.2012028	0.25475306	2.4644676	20	6 12.5	21.1
371621 2006 YL_{29}	17.1	X	120.85196	154.62589	322.91945	5.48696	0.1689525	0.24665897	2.5180911	20	6 3.9	20.9
371622 2006 YA_{30}	16.7	X	313.80322	269.45097	310.67674	7.60731	0.1395029	0.23027333	2.6361713	20	1 30.8	20.2
371623 2006 YQ_{34}	17.0	X	65.25633	141.32894	38.11998	5.07000	0.0615359	0.24594627	2.5229534	20	6 1.5	20.0
371624 2006 YB_{36}	17.5	X	140.28683	80.80944	333.09032	5.83976	0.0420082	0.23805814	2.5783826	20	3 20.1	21.1
371625 2006 YB_{41}	17.2	X	278.83043	89.15633	260.86915	8.19508	0.1721847	0.26002642	2.4310342	20	5 29.9	20.4
371626 2006 YM_{50}	17.8	X	180.36004	163.91655	309.95818	1.73403	0.1442863	0.25598422	2.4565593	20	7 28.4	21.7
371627 2007 AP_{7}	17.7	X	154.79044	176.68729	266.94825	4.06349	0.0814497	0.24729178	2.5137935	20	5 20.3	21.4
371628 2007 AF_{8}	17.2	X	62.38235	254.11969	267.44142	2.59327	0.1969339	0.23992031	2.5650237	20	5 25.3	20.1
371629 2007 AQ_{8}	17.8	X	218.63410	312.33207	142.26077	2.39611	0.1811706	0.26235414	2.4166334	20	8 8.5	21.5
371630 2007 AK_{10}	16.4	X	336.17039	161.58799	108.28473	6.46795	0.1222432	0.24141509	2.5544247	20	5 17.6	19.2
371631 2007 AB_{15}	17.0	X	80.75291	233.74680	272.65554	5.28641	0.0916655	0.24358643	2.5392219	20	5 13.0	20.2
371632 2007 AE_{15}	17.4	X	285.44154	247.84886	133.27171	3.18543	0.2097731	0.26543533	2.3978954	20	7 18.2	20.1
371633 2007 AY_{18}	17.1	X	168.83922	335.16062	139.48095	2.82884	0.1685317	0.25609257	2.4558663	20	7 17.6	21.1
371634 2007 AJ_{19}	16.9	X	225.67496	19.69364	26.97063	2.63741	0.1695126	0.25564860	2.4587088	20	6 13.8	20.6
371635 2007 BC_{2}	16.6	X	53.01023	173.03655	330.28902	9.29610	0.1786490	0.23444299	2.6048210	20	4 5.2	19.5
371636 2007 BL_{6}	16.8	X	221.87712	358.72423	75.88206	7.56087	0.1417021	0.25937735	2.4350881	20	7 21.1	20.3
371637 2007 BG_{8}	17.1	X	172.02480	154.78089	291.19712	5.67463	0.1409825	0.25081359	2.4902064	20	6 13.2	20.9
371638 2007 BR_{10}	17.2	X	293.50373	353.17856	20.96794	3.62452	0.2142947	0.26252576	2.4155800	20	7 22.0	19.6
371639 2007 BW_{17}	17.0	X	77.58110	164.64515	316.14566	7.16819	0.1475606	0.23684239	2.5871986	20	4 9.4	20.4
371640 2007 BW_{20}	16.7	X	16.44437	12.40576	145.79705	12.74930	0.1897581	0.22994751	2.6386609	20	2 16.4	19.0
371641 2007 BZ_{26}	17.3	X	251.92787	281.82281	128.90146	1.99390	0.2211408	0.26189103	2.4194815	20	7 12.1	20.5
371642 2007 BM_{27}	16.8	X	140.03724	315.66847	123.15523	13.14340	0.1808000	0.24277669	2.5448649	20	5 10.9	21.1
371643 2007 BL_{34}	17.1	X	240.44415	55.54828	297.85368	13.80323	0.0592098	0.24606344	2.5221524	20	4 25.6	20.9
371644 2007 BX_{42}	17.4	X	331.30142	90.91083	119.01894	2.25982	0.1446849	0.22934988	2.6432426	20	2 11.0	20.3
371645 2007 BL_{45}	17.6	X	246.96306	251.33352	149.84610	2.37297	0.1989210	0.25879595	2.4387338	20	6 26.3	21.1
371646 2007 BS_{54}	16.5	X	148.33876	263.11577	106.91206	14.50923	0.0460753	0.23027234	2.6361788	20	2 7.7	20.2
371647 2007 BS_{55}	16.4	X	231.08686	353.47371	321.15723	15.17781	0.0548194	0.23398987	2.6081827	20	2 27.7	20.2
371648 2007 BT_{63}	16.8	X	317.25086	309.07605	264.37766	3.69900	0.0854730	0.22830955	2.6512661	20	2 3.0	20.2
371649 2007 BT_{64}	17.2	X	74.90552	1.71814	148.64756	6.41174	0.0988093	0.23851651	2.5750782	20	5 14.7	20.5
371650 2007 BH_{67}	17.5	X	104.60529	161.24521	327.49565	5.48042	0.1909782	0.24098372	2.5574722	20	6 3.4	21.3
371651 2007 BW_{74}	17.2	X	92.68273	179.23990	299.61524	1.54221	0.0247762	0.23787103	2.5797345	20	4 11.7	20.4
371652 2007 BV_{75}	17.5	X	220.56217	58.33829	9.08564	1.91278	0.1937992	0.25683711	2.4511179	20	7 4.4	21.3
371653 2007 BZ_{77}	16.3	X	236.47969	345.25980	349.80670	9.46617	0.0848639	0.23277884	2.6172209	20	3 29.8	20.2
371654 2007 BK_{92}	17.3	X	250.74711	195.36508	118.12335	2.89643	0.1910281	0.23828288	2.5767611	20	3 11.7	21.5
371655 2007 BX_{99}	17.3	X	158.47927	61.39047	18.35558	3.33231	0.1200387	0.24718027	2.5145494	20	5 20.9	21.2
371656 2007 CH_{1}	16.7	X	95.53766	138.92492	323.29052	7.26259	0.0549978	0.23457394	2.6038515	20	3 26.7	20.2
371657 2007 CZ_{1}	16.1	X	244.30715	91.14512	142.91871	24.42540	0.2039225	0.21239262	2.7821237	20	—	—
371658 2007 CA_{2}	16.5	X	339.21156	226.14876	318.05545	8.84915	0.0608704	0.22572307	2.6714810	20	1 31.9	20.0
371659 2007 CG_{3}	16.6	X	144.13953	92.27303	315.92432	21.70966	0.0510057	0.23417616	2.6067993	20	3 9.8	20.6
371660 2007 CN_{26}	21.1	X	238.50830	135.66215	159.29253	7.58374	0.2691884	0.67071966	1.2925341	20	—	—
371661 2007 CZ_{34}	17.3	X	98.31168	130.73413	335.42631	9.19868	0.1613590	0.23802013	2.5786571	20	4 19.5	21.0
371662 2007 CA_{37}	16.7	X	259.69556	261.54350	329.68278	2.56849	0.1377735	0.21737511	2.7394466	20	—	—
371663 2007 CD_{40}	17.0	X	356.49118	64.53976	137.15334	5.84634	0.0620418	0.23257531	2.6187476	20	3 21.0	20.2
371664 2007 CP_{41}	16.5	X	352.25944	191.37321	320.55221	10.65641	0.1206682	0.22179858	2.7029014	20	1 3.4	19.7
371665 2007 CL_{47}	16.9	X	342.62296	276.70333	275.36999	1.73107	0.1868615	0.22489319	2.6780490	20	1 29.9	19.9
371666 2007 CX_{49}	16.5	X	341.53004	49.67228	155.29503	15.52666	0.0703413	0.22987407	2.6392228	20	2 29.8	19.8
371667 2007 CH_{51}	16.9	X	114.85443	153.40139	330.54981	9.58185	0.0438926	0.24454646	2.5325720	20	5 19.0	20.5
371668 2007 CO_{52}	16.2	X	19.86713	194.71977	337.82614	11.14890	0.0779814	0.22916498	2.6446643	20	3 13.4	19.2
371669 2007 CC_{56}	16.6	X	71.76055	150.60329	334.09461	10.63005	0.1679251	0.23314154	2.6145058	20	4 8.3	19.9
371670 2007 CS_{57}	16.2	X	13.09340	63.00491	121.20464	16.08289	0.0578290	0.23359812	2.6110979	20	3 27.7	19.7
371671 2007 CY_{59}	16.8	X	6.27460	339.76102	178.54047	5.23518	0.1522151	0.22417964	2.6837286	20	1 29.2	19.7
371672 2007 CS_{63}	16.2	X	341.39077	77.97987	155.48615	13.56356	0.1295162	0.23281742	2.6169318	20	4 5.1	19.2
371673 2007 DY_{10}	16.3	X	4.51230	20.39285	164.77831	14.36018	0.0815821	0.22711458	2.6605578	20	3 8.9	19.4
371674 2007 DR_{11}	17.2	X	147.61648	187.71086	259.16252	6.19774	0.2145888	0.24633063	2.5203282	20	5 24.9	21.3
371675 2007 DV_{11}	18.1	X	205.83414	25.61470	317.63430	18.92620	0.0783516	0.38302954	1.8777937	20	2 18.9	20.3
371676 2007 DU_{12}	16.5	X	280.75585	332.40321	236.78925	4.22473	0.1939890	0.21481738	2.7611485	20	—	—
371677 2007 DC_{13}	17.0	X	166.48874	83.76216	350.57551	8.01637	0.1982785	0.24620984	2.5211525	20	5 22.9	21.3
371678 2007 DO_{13}	16.0	X	357.16354	187.15663	342.39237	14.94728	0.1081800	0.22489441	2.6780393	20	2 7.1	19.2
371679 2007 DF_{15}	16.7	X	184.13576	223.22509	131.86768	14.35602	0.0233180	0.22906202	2.6454567	20	3 1.6	20.4
371680 2007 DG_{29}	16.6	X	349.03066	187.28013	352.48898	14.66154	0.1978256	0.22640864	2.6660854	20	1 28.0	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371681 2007 DN_{29}	17.3	X	154.60843	298.88714	144.44715	5.46206	0.2106139	0.24329931	2.5412192	20	5 27.8	21.6
371682 2007 DE_{30}	13.5	X	205.94466	11.60394	350.57509	11.27921	0.0539409	0.08398865	5.1640326	20	4 8.4	20.7
371683 2007 DP_{33}	16.7	X	129.53066	89.80308	354.96376	9.53109	0.0510304	0.23374393	2.6100119	20	4 16.1	20.4
371684 2007 DT_{36}	17.2	X	141.70150	81.63190	359.12817	12.60568	0.1350782	0.23653924	2.5894086	20	5 1.9	21.3
371685 2007 DK_{38}	17.4	X	162.96670	284.99761	162.44781	11.48613	0.2525636	0.24481197	2.5307405	20	6 10.2	22.0
371686 2007 DB_{42}	16.0	X	342.02904	184.04689	1.45258	16.17439	0.1867655	0.22350872	2.6890966	20	1 27.0	19.4
371687 2007 DF_{53}	16.8	X	108.35608	106.61813	331.50917	7.95263	0.1581161	0.23005482	2.6378403	20	3 27.3	20.6
371688 2007 DQ_{56}	17.7	X	153.42460	277.89627	152.96301	4.53724	0.0809403	0.23924942	2.5698166	20	5 4.0	21.4
371689 2007 DT_{57}	17.1	X	313.49864	232.14167	337.04224	2.57459	0.0119004	0.22273255	2.6953402	20	2 5.6	20.6
371690 2007 DV_{57}	18.0	X	189.19070	73.22104	341.94763	26.83533	0.1877881	0.24419720	2.5349862	20	5 8.4	22.9
371691 2007 DD_{59}	17.0	X	53.26659	202.29969	325.72297	3.33957	0.1030273	0.23644416	2.5901027	20	5 3.3	20.0
371692 2007 DZ_{59}	17.8	X	60.32763	156.85304	339.43968	20.95944	0.0718861	0.37926207	1.8902088	20	3 7.0	19.0
371693 2007 DU_{68}	16.7	X	196.75229	353.58410	353.99639	5.63410	0.1407327	0.22762407	2.6565863	20	3 6.3	20.9
371694 2007 DM_{85}	16.2	X	6.99681	188.72617	355.92549	13.30402	0.0957779	0.22822256	2.6519398	20	3 11.9	19.3
371695 2007 DY_{85}	16.6	X	256.31621	104.74361	153.60233	9.56584	0.0402439	0.22178820	2.7029858	20	1 22.8	20.4
371696 2007 DJ_{90}	17.7	X	178.25195	342.73904	93.36079	1.65976	0.1704445	0.24658231	2.5186130	20	6 6.6	21.8
371697 2007 DC_{109}	16.8	X	280.99153	348.81959	287.06609	2.03896	0.1326775	0.23096887	2.6308762	20	3 1.2	20.6
371698 2007 DD_{110}	16.4	X	283.90264	44.60970	180.75310	12.86559	0.1171284	0.21386675	2.7693246	20	1 5.9	20.7
371699 2007 DL_{110}	17.2	X	36.30679	319.57544	179.26457	6.74285	0.0907620	0.22582581	2.6706706	20	2 24.9	20.3
371700 2007 EZ_{4}	17.5	X	105.49635	324.07532	164.75615	7.87788	0.1988727	0.24003167	2.5642302	20	6 7.3	21.4
371701 2007 ER_{6}	16.8	X	225.01265	113.57292	170.81614	3.43532	0.1668424	0.21643911	2.7473388	20	1 16.2	21.3
371702 2007 EP_{15}	16.0	X	237.62412	1.80195	20.43905	12.88944	0.1715608	0.23964748	2.5669701	20	5 21.7	20.1
371703 2007 EW_{20}	16.8	X	200.42114	35.16289	359.68819	15.70571	0.1965699	0.23932536	2.5692729	20	4 28.9	21.4
371704 2007 EC_{21}	16.9	X	133.97646	5.57398	8.61648	5.97312	0.0440800	0.21817482	2.7327483	20	1 28.2	20.7
371705 2007 EW_{27}	16.3	X	302.37485	60.86303	149.51384	13.77879	0.1479269	0.21875046	2.7279521	20	1 4.8	20.3
371706 2007 EK_{28}	16.0	X	128.91474	67.81068	343.32660	21.86775	0.0486789	0.22746013	2.6578626	20	3 5.4	19.6
371707 2007 EK_{34}	16.4	X	276.35568	46.63870	162.30031	13.84980	0.1464875	0.21117487	2.7928089	20	—	—
371708 2007 EE_{39}	16.1	X	353.37607	224.27227	312.97264	10.97893	0.2218789	0.22322288	2.6913917	20	1 25.3	18.7
371709 2007 EF_{41}	17.3	X	110.26940	30.18473	79.77398	3.83285	0.1818767	0.23910726	2.5708351	20	5 16.2	21.0
371710 2007 EO_{43}	16.7	X	86.46449	107.61533	5.05895	8.04926	0.0504714	0.22807953	2.6530484	20	3 30.9	20.2
371711 2007 EE_{45}	16.6	X	294.64653	27.41447	182.02829	9.65437	0.1188832	0.21352048	2.7723179	20	—	—
371712 2007 EQ_{45}	16.1	X	136.62001	31.41189	17.80231	14.78194	0.0840616	0.22377546	2.6869592	20	3 21.0	20.0
371713 2007 EJ_{46}	17.1	X	143.68682	279.78682	181.62794	7.68663	0.1562328	0.24036119	2.5618861	20	6 6.6	21.2
371714 2007 EZ_{48}	16.8	X	1.46444	349.90162	174.64701	6.54086	0.2400330	0.22044687	2.7139390	20	1 19.8	19.5
371715 2007 EY_{55}	16.8	X	208.76144	300.64699	27.90023	6.30433	0.0300547	0.22376602	2.6870348	20	2 27.5	20.6
371716 2007 EL_{57}	16.0	X	14.43206	212.25571	349.32331	13.67747	0.0709975	0.23216383	2.6218409	20	4 10.4	19.4
371717 2007 EE_{63}	16.8	X	309.25779	50.90851	162.57159	11.80703	0.0297862	0.22105408	2.7089668	20	2 1.5	20.5
371718 2007 ED_{69}	16.9	X	357.93170	155.13109	13.54224	9.12502	0.0374269	0.22080771	2.7109815	20	2 13.3	20.5
371719 2007 ET_{74}	16.4	X	285.08222	48.93364	196.14490	3.23088	0.2234070	0.21634247	2.7481569	20	1 18.9	20.7
371720 2007 EU_{78}	16.8	X	75.63568	356.19146	143.87232	8.37858	0.1772038	0.23436958	2.6053649	20	5 14.9	20.2
371721 2007 EA_{84}	17.0	X	39.78717	342.53405	130.81142	5.88262	0.0716270	0.22077459	2.7112527	20	1 28.5	20.3
371722 2007 ED_{84}	17.1	X	143.20896	300.00064	121.47205	5.46009	0.1842013	0.23427156	2.6060915	20	4 20.1	21.3
371723 2007 EY_{85}	16.1	X	61.90046	154.61636	11.26328	33.15395	0.1409018	0.23202021	2.6229228	20	5 3.7	19.9
371724 2007 EZ_{85}	16.2	X	123.31813	62.80989	12.53312	22.13651	0.0571784	0.22531069	2.6747396	20	4 1.0	19.7
371725 2007 EZ_{87}	16.7	X	237.21585	282.42300	2.37376	6.08446	0.1010548	0.21821245	2.7324341	20	2 1.8	20.8
371726 2007 EU_{99}	17.2	X	113.01109	84.70058	10.62505	2.76852	0.0270983	0.23140951	2.6275355	20	4 8.8	20.7
371727 2007 EG_{101}	16.7	X	67.63684	124.83432	20.78229	11.88850	0.1307900	0.23233221	2.6205740	20	4 27.9	19.9
371728 2007 EB_{105}	17.5	X	170.37767	51.82610	3.64527	5.10483	0.2092319	0.23885971	2.5726109	20	5 3.8	21.8
371729 2007 EN_{106}	15.9	X	284.50921	223.85863	11.34187	16.02184	0.1715435	0.21769201	2.7367873	20	1 17.1	20.3
371730 2007 EU_{126}	17.8	X	176.74760	102.61693	324.86386	2.55469	0.1829034	0.24680732	2.5170819	20	5 24.6	21.9
371731 2007 EN_{127}	16.5	X	224.70251	337.36627	349.85416	11.67366	0.0669735	0.22754339	2.6572142	20	3 10.6	20.4
371732 2007 EZ_{130}	16.9	X	73.98612	308.25232	170.73874	3.79644	0.0353961	0.22768462	2.6561153	20	3 21.0	20.4
371733 2007 EE_{137}	17.0	X	254.44583	58.85768	169.86699	9.58338	0.1496848	0.21357476	2.7718481	20	—	—
371734 2007 EQ_{139}	16.9	X	119.61600	315.33495	90.35227	2.89186	0.0717209	0.22291954	2.6938327	20	2 21.6	20.5
371735 2007 EM_{149}	17.0	X	221.03915	227.14351	69.99276	3.63636	0.1640572	0.21626473	2.7488154	20	1 29.2	21.5
371736 2007 EJ_{150}	17.2	X	204.61436	227.25155	58.84392	3.82915	0.0491221	0.21314515	2.7755714	20	—	—
371737 2007 EO_{156}	16.7	X	157.18169	276.59596	354.36463	15.07271	0.2476316	0.19233489	2.9723321	20	—	—
371738 2007 EE_{157}	17.0	X	228.87395	241.68556	3.33607	3.52910	0.0436592	0.20871386	2.8147199	20	—	—
371739 2007 ET_{166}	17.0	X	19.15501	335.24715	184.77066	11.89002	0.1261290	0.22513049	2.6761667	20	2 24.4	20.0
371740 2007 EL_{171}	16.0	X	87.64851	334.87505	157.28949	32.51907	0.1513806	0.23451160	2.6043129	20	5 21.0	20.3
371741 2007 ET_{171}	16.5	X	151.82746	244.09119	9.93748	5.66937	0.2376601	0.18796455	3.0182283	20	12 10.6	21.8
371742 2007 EQ_{190}	17.4	X	137.75917	185.42497	291.60947	2.12149	0.1011426	0.24188065	2.5511459	20	6 16.2	21.1
371743 2007 EL_{192}	13.8	X	17.35403	187.95603	22.85635	6.68324	0.0613060	0.08321531	5.1959770	20	5 7.6	20.4
371744 2007 EG_{195}	17.1	X	209.95198	306.09980	0.49208	4.65147	0.0899976	0.21806449	2.7336700	20	1 31.5	21.3
371745 2007 EZ_{203}	16.4	X	87.94308	268.75329	178.00817	21.71200	0.0749452	0.22394908	2.6855703	20	3 1.9	20.1
371746 2007 EH_{217}	16.5	X	132.86737	27.22463	353.93644	5.82645	0.0515061	0.21920845	2.7241510	20	2 5.1	20.2
371747 2007 EU_{217}	17.2	X	63.78493	302.79897	191.75119	7.65996	0.0958179	0.22769722	2.6560173	20	4 4.3	20.3
371748 2007 EQ_{218}	17.7	X	30.23584	8.66810	168.45677	23.59899	0.0600895	0.37875458	1.8918969	20	3 23.8	18.9
371749 2007 EY_{218}	16.0	X	154.22108	50.42776	27.01668	22.03447	0.1169919	0.23501759	2.6005736	20	5 8.6	20.2
371750 2007 EM_{223}	15.8	X	213.21823	275.78048	29.99565	14.11047	0.0644840	0.21562596	2.7542415	20	2 8.2	20.1
371751 2007 FX_{1}	16.2	X	299.94024	204.31762	31.60083	13.13222	0.0959917	0.22010545	2.7167448	20	2 16.4	20.1
371752 2007 FZ_{16}	17.8	X	112.60579	161.49164	304.96476	0.91142	0.0585781	0.23778840	2.5803321	20	4 27.1	21.3
371753 2007 FU_{21}	16.4	X	246.24317	100.53767	168.12721	10.51192	0.1663849	0.21782420	2.7356800	20	1 15.4	20.9
371754 2007 FZ_{24}	17.0	X	17.55029	159.07862	17.86621	2.97224	0.0357408	0.22574984	2.6712698	20	3 18.9	20.4
371755 2007 FL_{26}	16.4	X	161.67848	20.02427	6.55464	6.38177	0.0416287	0.22491355	2.6778873	20	3 14.6	20.0
371756 2007 FM_{34}	16.3	X	83.20602	47.15178	35.02362	12.48536	0.0315626	0.22139005	2.7062255	20	2 20.9	20.1
371757 2007 FK_{37}	16.5	X	142.88338	223.94173	43.20857	6.72797	0.2033595	0.18763802	3.0217288	20	12 19.2	21.7
371758 2007 FQ_{40}	16.9	X	265.97192	287.45398	3.35634	0.89485	0.0943109	0.22760708	2.6567185	20	3 8.9	20.7
371759 2007 FH_{47}	17.2	X	22.89476	140.26566	22.78003	1.03022	0.0529971	0.22609798	2.6685269	20	3 8.1	20.4
371760 2007 GB_{14}	16.5	X	298.32090	36.52424	163.12802	17.86578	0.0485120	0.21431372	2.7654729	20	1 1.4	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371761 2007 GU_{25}	17.2	X	76.13396	127.21402	357.59660	11.38854	0.1229932	0.22937953	2.6430149	20	4 10.0	20.6
371762 2007 GU_{26}	17.0	X	95.61459	325.16722	85.70235	5.69042	0.0730324	0.21388075	2.7692038	20	1 30.1	20.7
371763 2007 GM_{33}	16.8	X	171.26966	240.46384	58.52633	4.57278	0.1814268	0.19787354	2.9166047	20	—	—
371764 2007 GC_{49}	16.2	X	78.73035	265.92965	206.66791	8.66878	0.0603802	0.22008387	2.7169224	20	3 21.3	19.9
371765 2007 GH_{51}	17.4	X	253.59843	41.51900	190.34640	21.71186	0.0587311	0.35728729	1.9669395	20	—	—
371766 2007 GQ_{53}	16.8	X	44.45472	268.90894	209.52760	4.13734	0.0100821	0.21349481	2.7725401	20	2 7.5	20.6
371767 2007 GE_{61}	16.5	X	189.23819	87.93227	248.37568	4.34622	0.0791573	0.21321678	2.7749498	20	2 12.4	20.7
371768 2007 GH_{62}	16.7	X	335.66013	243.06006	293.16518	3.33712	0.0670938	0.21335344	2.7737647	20	1 17.7	20.3
371769 2007 HD_{3}	16.3	X	211.17392	346.50350	36.00743	11.78571	0.0744761	0.22955881	2.6416386	20	5 3.7	20.1
371770 2007 HA_{10}	17.0	X	57.33272	273.64099	189.70661	4.74519	0.0723167	0.21829877	2.7317138	20	2 9.8	20.5
371771 2007 HF_{18}	16.4	X	163.90357	50.86703	201.14801	8.27727	0.1318255	0.19076654	2.9886008	20	12 21.3	21.3
371772 2007 HE_{20}	16.8	X	13.62484	292.51259	213.80823	4.59704	0.1834609	0.21718374	2.7410556	20	1 25.8	19.5
371773 2007 HA_{24}	16.6	X	37.63163	54.53836	54.64874	4.34874	0.0107365	0.21028506	2.8006818	20	1 21.2	20.5
371774 2007 HH_{34}	17.0	X	135.96261	233.09374	43.68268	1.78959	0.2586057	0.18563392	3.0434382	20	12 25.1	22.5
371775 2007 HN_{36}	15.9	X	186.04424	113.10601	230.69950	5.55757	0.0469788	0.21359887	2.7716396	20	2 16.5	20.0
371776 2007 HM_{38}	16.5	X	220.62052	285.49907	343.60416	4.96914	0.1689890	0.20938901	2.8086662	20	—	—
371777 2007 HL_{44}	16.4	X	332.69196	183.62741	354.85711	12.31464	0.0450360	0.21364173	2.7712689	20	1 23.1	20.2
371778 2007 HU_{70}	16.7	X	142.94123	257.63574	56.99415	2.80444	0.0742105	0.19680346	2.9271674	20	—	—
371779 2007 HH_{76}	16.2	X	274.92819	171.72623	52.57774	7.04300	0.0335323	0.20711220	2.8292127	20	1 7.5	20.2
371780 2007 JV_{6}	17.1	X	11.01734	280.54438	223.65033	4.53050	0.0958520	0.21344016	2.7730133	20	1 24.2	20.4
371781 2007 JB_{15}	16.4	X	85.16118	204.77204	230.67476	3.31119	0.0448414	0.21336222	2.7736886	20	2 10.0	20.2
371782 2007 KN_{5}	15.6	X	340.87018	265.85582	199.60642	25.36382	0.1923428	0.18076110	3.0978905	20	—	—
371783 2007 LK_{5}	16.4	X	82.21052	359.44513	81.22054	10.42717	0.1235849	0.21164997	2.7886280	20	3 1.6	20.1
371784 2007 LZ_{28}	15.8	X	120.28190	40.81011	262.83571	9.21560	0.0926004	0.17933799	3.1142575	20	—	—
371785 2007 LQ_{35}	15.5	X	173.88591	175.26434	117.48400	12.87091	0.1021355	0.19688447	2.9263644	20	—	—
371786 2007 MO_{4}	15.9	X	112.67178	211.56889	94.84185	10.87257	0.1326736	0.18526779	3.0474466	20	—	—
371787 2007 MM_{16}	16.1	X	108.24705	133.09668	187.79462	17.04821	0.3090315	0.18414895	3.0597778	20	—	—
371788 2007 NS	16.0	X	84.92885	97.94887	270.72062	8.71840	0.0824936	0.18528502	3.0472576	20	—	—
371789 2007 OE_{3}	15.8	X	57.43593	257.87605	142.87971	10.65056	0.2363067	0.17727806	3.1383356	20	—	—
371790 2007 ON_{3}	18.7	X	92.11019	294.65863	51.14501	2.80666	0.2044758	0.33110605	2.0693056	20	—	—
371791 2007 OC_{6}	15.0	X	57.76256	24.80856	339.51754	17.88880	0.1493370	0.17254052	3.1955232	20	—	—
371792 2007 PP_{1}	15.2	X	79.62883	168.10906	170.17357	27.58978	0.1896718	0.17344452	3.1844102	20	—	—
371793 2007 PG_{12}	15.6	X	20.90809	75.71642	354.95300	25.31906	0.2813824	0.17182822	3.2043484	20	—	—
371794 2007 PY_{13}	15.3	X	93.53156	339.32148	331.96260	14.89065	0.2443193	0.17254451	3.1954740	20	—	—
371795 2007 PS_{35}	15.6	X	103.82526	318.11170	8.60028	6.41075	0.1590279	0.17722445	3.1389685	20	—	—
371796 2007 QE_{12}	15.7	X	89.59263	166.77934	170.99607	12.52774	0.1798361	0.17508345	3.1645065	20	—	—
371797 2007 QQ_{12}	16.9	X	351.34046	250.46098	143.81368	29.45924	0.3961816	0.23314908	2.6144494	20	—	—
371798 2007 RD_{4}	15.0	X	44.05173	73.39229	331.80545	26.64193	0.0955105	0.17753834	3.1352676	20	—	—
371799 2007 RB_{16}	16.1	X	36.01797	169.16001	235.61555	8.62103	0.0773727	0.17459046	3.1704607	20	—	—
371800 2007 RN_{22}	15.4	X	134.67863	335.83651	311.87028	10.96294	0.1085717	0.17418135	3.1754232	20	—	—
371801 2007 RE_{36}	15.4	X	145.85442	303.63246	352.54237	16.06347	0.2067066	0.17660018	3.1463615	20	—	—
371802 2007 RJ_{51}	15.6	X	331.56238	54.18436	339.50467	13.85608	0.1111941	0.15450440	3.4396069	20	10 12.4	20.1
371803 2007 RR_{57}	18.1	X	201.85485	189.19708	331.03401	5.41261	0.0863201	0.30885801	2.1675218	20	11 1.3	20.8
371804 2007 RS_{68}	15.8	X	32.51640	75.83402	359.86673	15.28424	0.2389942	0.17468135	3.1693609	20	—	—
371805 2007 RW_{149}	15.3	X	73.00242	323.03462	32.76578	28.61204	0.1803478	0.17156915	3.2075732	20	—	—
371806 2007 RQ_{162}	16.2	X	113.01590	6.86674	303.04107	4.17870	0.1239149	0.17358304	3.1827158	20	—	—
371807 2007 RE_{190}	15.3	X	107.43717	73.37766	267.29770	10.66513	0.1355959	0.17717269	3.1395798	20	—	—
371808 2007 RD_{289}	17.9	X	56.58619	296.96541	35.70308	6.29190	0.2103421	0.31353360	2.1459190	20	—	—
371809 2007 RG_{308}	16.1	X	67.15594	284.06487	63.63342	3.19138	0.1559218	0.17064906	3.2190924	20	—	—
371810 2007 RR_{308}	16.1	X	154.56945	100.49748	154.01517	5.97182	0.1110431	0.16981697	3.2295995	20	12 13.2	21.3
371811 2007 TZ_{36}	15.8	X	145.95742	257.65118	2.65022	25.65151	0.2504847	0.17168072	3.2061835	20	12 7.0	21.9
371812 2007 TA_{60}	15.2	X	335.68877	25.15988	30.38564	20.03345	0.0786883	0.15491350	3.4335486	20	11 16.2	19.9
371813 2007 TQ_{62}	15.7	X	45.08149	303.21430	26.56626	6.53304	0.0976198	0.15475125	3.4359482	20	11 12.8	20.5
371814 2007 TD_{65}	18.4	X	3.85571	277.87809	77.49671	2.39227	0.0674103	0.30509789	2.1852942	20	11 21.6	20.6
371815 2007 TQ_{144}	14.8	X	263.10668	54.61229	26.09680	10.09663	0.0822736	0.14744862	3.5484791	20	9 15.9	19.9
371816 2007 TD_{232}	18.4	X	326.33856	295.60180	129.37987	0.80613	0.0434147	0.30971807	2.1635072	20	—	—
371817 2007 TV_{337}	15.0	X	136.71986	259.18010	5.20135	24.28333	0.1890999	0.17074949	3.2178300	20	12 3.4	20.8
371818 2007 TY_{349}	16.3	X	147.85277	255.30668	352.05764	22.52794	0.4581232	0.17797060	3.1301888	20	11 23.2	22.9
371819 2007 TN_{356}	15.8	X	55.69966	253.96513	148.34488	9.80507	0.1217212	0.17412912	3.1760581	20	—	—
371820 2007 UW	16.0	X	4.93698	339.74728	131.99843	34.81971	0.1919832	0.23293471	2.6160532	20	—	—
371821 2007 UJ_{12}	15.9	X	76.31414	204.28040	170.86718	17.99865	0.2175323	0.17731664	3.1378804	20	—	—
371822 2007 UD_{43}	18.1	X	201.28071	329.54136	198.20676	5.24533	0.0646027	0.30677936	2.1773018	20	11 17.1	20.6
371823 2007 UY_{49}	17.5	X	60.63537	214.25918	114.31079	3.73951	0.2090819	0.31340071	2.1465256	20	—	—
371824 2007 UJ_{108}	17.7	X	250.22064	257.09099	234.85700	3.99667	0.0866011	0.30640694	2.1790656	20	12 2.8	19.8
371825 2007 UO_{132}	18.0	X	197.95332	326.61896	204.61254	5.98012	0.1345477	0.30123172	2.2039526	20	11 7.1	20.7
371826 2007 US_{132}	18.6	X	354.62040	326.89338	71.91207	5.48421	0.0670502	0.30993337	2.1625052	20	—	—
371827 2007 UZ_{132}	18.6	X	46.95672	118.94984	212.64012	4.38321	0.2785106	0.31152944	2.1551127	20	—	—
371828 2007 VC_{5}	15.3	X	33.83071	126.28210	323.25216	9.50518	0.1993154	0.17498018	3.1657515	20	1 3.8	18.7
371829 2007 VF_{6}	15.4	X	76.03028	208.81955	141.67076	28.57070	0.1261095	0.17823524	3.1270896	20	—	—
371830 2007 VS_{62}	18.2	X	302.68004	42.98933	36.82947	3.46399	0.0753204	0.30554260	2.1831733	20	12 15.3	20.3
371831 2007 VD_{98}	17.9	X	292.65377	54.92585	25.68912	3.29932	0.1213965	0.30220775	2.1992047	20	11 24.9	19.7
371832 2007 VJ_{230}	18.7	X	36.83683	316.18390	51.02202	1.86072	0.1922163	0.31526813	2.1380409	20	—	—
371833 2007 VU_{235}	18.0	X	157.35320	147.37710	8.24314	3.62470	0.1656580	0.28989577	2.2610394	20	9 2.0	21.4
371834 2007 VR_{245}	15.5	X	2.64215	93.29531	286.34470	8.40613	0.1441620	0.15351699	3.4543400	20	11 19.2	19.8
371835 2007 VW_{314}	18.4	X	30.40094	217.49889	156.76842	0.42895	0.1340058	0.31205171	2.1527074	20	—	—
371836 2007 VE_{317}	16.9	X	103.86336	95.28664	96.72692	7.51300	0.0490560	0.27589477	2.3369015	20	8 15.8	19.9
371837 2007 VM_{318}	14.1	X	43.99339	346.23640	242.72354	17.43101	0.2031610	0.12405644	3.9815897	20	7 18.1	19.4
371838 2007 VW_{324}	17.9	X	327.69801	316.86297	98.39035	3.43915	0.1478414	0.30595104	2.1812298	20	12 30.7	19.5
371839 2007 VU_{334}	18.1	X	44.17938	246.49562	64.08117	2.46980	0.1562539	0.30220145	2.1992352	20	11 28.6	20.6
371840 2007 VE_{335}	18.2	X	39.79510	299.72100	65.12974	2.51577	0.1857976	0.31289237	2.1488498	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371841 2007 WK_{27}	18.9	X	353.07916	39.86334	14.70802	2.96202	0.1493638	0.31114731	2.1568769	20	—	—
371842 2007 WH_{58}	18.2	X	187.82523	170.23142	301.96800	5.61191	0.1065967	0.27955072	2.3164822	20	8 5.7	21.5
371843 2007 XX_{25}	17.0	X	172.62903	222.97241	287.10412	4.53356	0.0917105	0.28291134	2.2981012	20	9 8.5	20.2
371844 2007 XA_{30}	17.6	X	337.51197	285.56037	110.84287	4.78168	0.1609124	0.30489950	2.1862420	20	12 22.1	19.3
371845 2007 XC_{50}	18.1	X	239.56403	166.33856	287.32405	5.98818	0.1225309	0.28882361	2.2666315	20	9 8.6	20.9
371846 2007 YT_{11}	17.8	X	286.57448	98.68761	323.81084	5.24792	0.1207692	0.29344649	2.2427633	20	10 10.1	19.9
371847 2007 YQ_{14}	17.4	X	144.32873	294.27227	195.59922	6.52583	0.1718800	0.26895574	2.3769251	20	7 13.9	21.2
371848 2007 YU_{34}	17.5	X	63.98766	230.86158	326.50172	3.02361	0.1846308	0.26688282	2.3892173	20	7 18.3	20.4
371849 2007 YE_{38}	18.2	X	355.69480	8.51251	350.96866	2.62983	0.1921286	0.29851207	2.2173187	20	12 1.6	20.1
371850 2007 YV_{48}	17.5	X	56.01101	114.54954	125.06260	3.56286	0.1132472	0.27892434	2.3199490	20	8 26.8	20.2
371851 2007 YK_{63}	17.7	X	195.62417	355.55847	129.54013	5.96582	0.0907893	0.28279406	2.2987365	20	9 5.2	20.8
371852 2007 YP_{74}	16.8	X	267.22167	89.11758	137.19146	13.36963	0.2208366	0.22422531	2.6833642	20	—	—
371853 2008 AD_{20}	17.8	X	304.14579	313.29282	131.79571	7.68084	0.1533548	0.30061637	2.2069592	20	12 26.6	19.5
371854 2008 AE_{20}	17.0	X	156.74805	36.64120	136.36465	7.44666	0.0377145	0.28440195	2.2900643	20	9 28.2	20.0
371855 2008 AA_{29}	17.6	X	221.65008	211.92447	243.01136	2.82545	0.1091468	0.28514800	2.2860681	20	8 21.2	20.5
371856 2008 AP_{64}	17.1	X	225.33825	307.29712	137.86459	11.12076	0.0510040	0.28065555	2.3103988	20	8 21.9	19.8
371857 2008 AE_{75}	17.9	X	40.04112	89.21774	129.26564	2.87342	0.1054476	0.26547421	2.3976612	20	6 26.7	20.4
371858 2008 AQ_{98}	17.0	X	139.14701	47.20683	97.34244	7.10881	0.0548261	0.27337137	2.3512602	20	7 24.4	20.1
371859 2008 AJ_{111}	17.7	X	296.87738	107.57961	307.75926	5.16966	0.1190389	0.29148405	2.2528184	20	10 18.3	19.7
371860 2008 BX_{7}	17.6	X	187.04169	139.93315	358.74014	6.16723	0.0911718	0.28165509	2.3049295	20	9 12.6	20.7
371861 2008 BN_{19}	17.9	X	278.27924	100.15328	310.27695	4.41677	0.0809111	0.28846994	2.2684838	20	9 12.4	20.3
371862 2008 BX_{24}	17.6	X	85.91111	69.77238	115.76173	6.39077	0.1631524	0.27079144	2.3661708	20	7 27.4	20.8
371863 2008 BN_{26}	17.4	X	10.95015	54.09750	185.16326	2.02971	0.1605959	0.26185298	2.4197158	20	6 8.4	19.4
371864 2008 BZ_{37}	17.1	X	4.89525	107.11439	149.26059	7.99530	0.0931156	0.26366544	2.4086142	20	6 20.2	19.6
371865 2008 BN_{47}	17.7	X	180.51135	325.75312	164.29661	5.35248	0.1296823	0.27384380	2.3485552	20	8 20.2	21.0
371866 2008 CQ_{4}	17.1	X	283.08572	12.97518	37.68075	4.47668	0.2068783	0.28279081	2.2987541	20	9 3.5	19.2
371867 2008 CO_{21}	17.7	X	53.86765	202.39288	9.20878	1.74043	0.1667178	0.26542549	2.3979547	20	7 20.6	20.2
371868 2008 CQ_{21}	17.9	X	194.77352	139.24365	358.80150	2.53803	0.1025943	0.28230836	2.3013724	20	9 19.3	20.8
371869 2008 CJ_{24}	17.3	X	132.37848	17.02949	133.85385	5.76241	0.1809846	0.26956415	2.3733473	20	7 31.7	20.9
371870 2008 CP_{24}	17.7	X	150.83251	357.70060	131.00973	6.36528	0.0728067	0.26880336	2.3778234	20	7 16.3	21.0
371871 2008 CQ_{24}	17.7	X	309.00595	329.33985	77.91883	2.58347	0.1195541	0.28821280	2.2698328	20	11 1.9	19.5
371872 2008 CW_{24}	17.0	X	54.72913	256.92628	353.48379	7.75910	0.0901383	0.27126486	2.3634170	20	9 4.9	19.8
371873 2008 CZ_{29}	17.7	X	60.61618	87.69040	97.50441	3.13142	0.1488483	0.26145431	2.4221750	20	6 18.2	20.5
371874 2008 CN_{30}	17.9	X	114.83412	198.87234	344.14832	4.58876	0.0257922	0.27491747	2.3424365	20	8 13.7	20.7
371875 2008 CX_{33}	17.6	X	100.64053	77.14503	115.56774	2.82693	0.1521402	0.27009208	2.3702536	20	8 22.5	20.9
371876 2008 CU_{34}	17.2	X	190.28219	160.32332	330.03347	6.45442	0.0566351	0.27937925	2.3174300	20	9 5.9	20.3
371877 2008 CJ_{35}	17.6	X	358.09782	283.77766	341.12190	0.83102	0.1405308	0.26227885	2.4170958	20	6 20.9	19.5
371878 2008 CF_{36}	14.9	X	235.37288	273.16121	184.82712	4.54680	0.1658680	0.12488061	3.9640523	20	8 19.6	20.8
371879 2008 CR_{40}	17.2	X	63.14285	31.64644	176.09622	7.08918	0.0590135	0.26536023	2.3983478	20	7 9.3	20.3
371880 2008 CQ_{47}	17.8	X	244.03850	316.57516	118.91019	6.21613	0.1708362	0.28176492	2.3043305	20	8 15.7	20.8
371881 2008 CW_{49}	17.0	X	48.24511	258.11988	340.96485	5.58921	0.1819382	0.26741668	2.3860363	20	8 24.4	19.7
371882 2008 CR_{53}	18.1	X	12.74489	317.35157	35.43278	2.32869	0.1981489	0.29823564	2.2186886	20	12 20.8	20.4
371883 2008 CC_{54}	17.8	X	225.14177	316.00169	163.69250	7.85669	0.1256282	0.28746125	2.2737874	20	9 30.4	20.6
371884 2008 CE_{56}	18.3	X	75.66933	16.43906	178.75641	2.86108	0.1237766	0.26732733	2.3865679	20	7 20.5	21.2
371885 2008 CG_{68}	17.7	X	199.10479	232.90038	273.85749	5.75463	0.1688420	0.28542026	2.2846141	20	9 26.6	21.3
371886 2008 CM_{68}	16.8	X	101.59771	246.21429	276.31035	5.03714	0.0638043	0.26578088	2.3958166	20	6 30.5	19.6
371887 2008 CE_{74}	17.5	X	327.69885	244.26922	137.44722	7.27848	0.1825279	0.29190915	2.2506307	20	11 7.4	19.2
371888 2008 CY_{75}	16.9	X	259.45021	258.22668	3.09141	10.94170	0.2597614	0.23259247	2.6186188	20	1 14.2	21.5
371889 2008 CH_{82}	17.1	X	308.45209	261.51977	6.04897	6.72262	0.1321406	0.25195019	2.4827115	20	3 24.8	19.9
371890 2008 CH_{87}	17.3	X	279.29799	242.78647	102.44883	5.57401	0.1446990	0.26484546	2.4014545	20	5 29.3	20.4
371891 2008 CQ_{87}	17.5	X	97.82543	210.18595	15.41964	6.50751	0.0532770	0.27656095	2.3331472	20	9 23.6	20.5
371892 2008 CL_{91}	18.2	X	47.73341	220.81048	348.84861	0.82776	0.1295508	0.26135863	2.4227661	20	6 30.4	20.6
371893 2008 CD_{110}	17.6	X	44.02191	220.24906	317.88095	4.49400	0.0669950	0.25294794	2.4761785	20	4 26.7	20.5
371894 2008 CT_{122}	18.1	X	130.83165	13.71880	159.06566	2.27139	0.1405702	0.27426303	2.3461613	20	8 26.5	21.6
371895 2008 CB_{123}	17.8	X	22.13492	47.14928	174.20472	1.44403	0.1383568	0.25886616	2.4382929	20	6 1.6	19.9
371896 2008 CF_{130}	17.7	X	118.87245	237.62190	306.45864	2.56098	0.1229835	0.27305157	2.3530957	20	8 27.2	21.1
371897 2008 CF_{133}	17.0	X	265.25361	291.72905	335.23364	12.31144	0.2373297	0.23838070	2.5760561	20	1 26.5	21.3
371898 2008 CR_{133}	17.7	X	265.86481	129.90815	344.25866	3.80604	0.1101724	0.29279409	2.2460936	20	11 23.7	20.0
371899 2008 CL_{142}	17.6	X	83.90904	175.94002	335.14417	6.18382	0.1171438	0.25766776	2.4458473	20	5 27.6	20.8
371900 2008 CP_{142}	17.4	X	140.13085	145.11147	336.19187	6.36016	0.1042173	0.26445708	2.4038051	20	6 25.9	20.9
371901 2008 CY_{147}	17.2	X	6.09217	79.45731	174.95170	6.28348	0.1097140	0.26155755	2.4215375	20	6 19.7	19.7
371902 2008 CF_{150}	18.0	X	93.68192	309.13772	214.39936	2.24550	0.0283959	0.26290025	2.4132856	20	6 15.5	21.0
371903 2008 CM_{175}	17.6	X	236.57461	84.39585	14.86150	6.04440	0.1106561	0.28651109	2.2788116	20	9 18.8	20.2
371904 2008 CG_{183}	17.4	X	146.50564	2.88031	145.77295	6.80084	0.0608240	0.26793279	2.3829713	20	8 7.1	20.7
371905 2008 CK_{198}	17.8	X	135.39896	204.11510	312.85439	1.43320	0.1200584	0.27189741	2.3597500	20	8 8.9	21.3
371906 2008 CT_{201}	17.8	X	198.97291	98.58262	16.51590	7.16994	0.0572192	0.27740762	2.3283975	20	8 30.4	20.8
371907 2008 CC_{213}	17.5	X	93.64149	50.00025	118.57137	7.32276	0.1027960	0.26412031	2.4058480	20	7 4.0	20.6
371908 2008 DD_{16}	17.2	X	326.49052	77.85295	137.51387	13.29289	0.2449249	0.24240682	2.5474529	20	1 23.0	20.2
371909 2008 DK_{22}	16.6	X	199.01530	168.68458	336.83001	9.90917	0.1610523	0.28046695	2.3114345	20	9 25.1	20.1
371910 2008 DO_{32}	17.6	X	179.60868	3.59494	99.45362	2.49658	0.1437243	0.27035703	2.3687048	20	7 14.1	21.1
371911 2008 DB_{47}	13.0	X	301.54012	239.52736	29.41242	12.97236	0.0987438	0.08292328	5.2081690	20	4 6.6	19.7
371912 2008 DG_{55}	17.3	X	108.38266	0.53117	179.30732	5.07024	0.2581739	0.26749597	2.3855648	20	8 20.4	21.1
371913 2008 DQ_{58}	17.9	X	143.11429	0.64302	155.15785	10.42488	0.1431816	0.27508841	2.3414660	20	8 16.1	21.5
371914 2008 DS_{58}	18.4	X	85.16985	182.43228	24.06353	2.95791	0.1332027	0.27085079	2.3658252	20	8 21.6	21.5
371915 2008 DZ_{71}	17.8	X	281.22753	260.49949	184.58754	7.26425	0.1586107	0.29042851	2.2582736	20	11 3.2	19.7
371916 2008 DQ_{72}	16.8	X	27.72236	281.22864	339.23914	7.33855	0.0961686	0.26816478	2.3815967	20	8 9.2	19.3
371917 2008 DW_{81}	17.2	X	270.24885	221.13309	37.33836	3.85335	0.2477033	0.23351930	2.6116854	20	1 18.7	21.5
371918 2008 DX_{81}	13.6	X	260.77541	281.78487	19.81414	13.85089	0.0511305	0.08431533	5.1506852	20	4 2.4	20.4
371919 2008 DK_{83}	17.6	X	168.18379	157.08265	319.14276	3.99440	0.0992982	0.26694577	2.3888416	20	7 20.5	20.9
371920 2008 DN_{88}	17.0	X	279.35628	179.24178	107.57772	4.53800	0.1036137	0.24461001	2.5321333	20	3 19.1	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
371921 2008 EZ	17.9	X	211.31082	312.70418	175.91302	2.51440	0.1858791	0.28086221	2.3092654	20	9 16.4	21.3
371922 2008 EE_{7}	17.4	X	100.00441	18.84341	159.17836	6.65979	0.0766317	0.26355218	2.4093042	20	7 21.1	20.6
371923 2008 EY_{10}	17.7	X	202.36615	354.25018	99.49589	4.41750	0.1800833	0.27374972	2.3490933	20	7 23.2	21.2
371924 2008 EE_{13}	17.5	X	223.05594	7.10017	74.22395	3.59027	0.1669184	0.27539321	2.3397380	20	7 29.7	21.0
371925 2008 ET_{13}	16.7	X	246.41518	270.29968	14.54505	12.90088	0.2543196	0.23471234	2.6028278	20	2 2.9	21.4
371926 2008 EL_{17}	17.1	X	86.06091	211.78457	304.46455	5.67719	0.0858936	0.25524916	2.4612733	20	6 2.8	20.2
371927 2008 EE_{19}	17.7	X	294.36042	312.35903	82.17466	6.08258	0.1145002	0.28677201	2.2774291	20	9 17.2	20.0
371928 2008 EX_{25}	17.6	X	61.80294	50.88375	165.86469	6.88747	0.0736253	0.26853288	2.3794198	20	7 22.9	20.5
371929 2008 EV_{59}	16.9	X	308.71221	267.84039	316.16577	9.15735	0.2273185	0.23895166	2.5719509	20	1 16.3	20.4
371930 2008 EN_{64}	17.0	X	255.83567	127.27520	223.48743	4.71441	0.1803653	0.25687025	2.4509070	20	5 1.8	20.3
371931 2008 EH_{70}	16.6	X	328.34994	157.66590	104.98124	6.95226	0.1148385	0.25326751	2.4740951	20	4 24.7	19.4
371932 2008 ES_{70}	16.9	X	357.20887	55.04035	193.94835	8.05825	0.1130015	0.25664128	2.4523646	20	5 25.6	19.4
371933 2008 EQ_{75}	17.6	X	184.25279	296.42439	151.67903	6.90952	0.0674922	0.26386288	2.4074125	20	6 30.3	21.0
371934 2008 ET_{75}	17.8	X	215.71645	357.36221	102.85248	3.24758	0.1550757	0.27592097	2.3367535	20	8 17.7	21.2
371935 2008 EV_{78}	17.3	X	29.13639	194.01046	22.22783	7.40131	0.1052951	0.25702531	2.4499212	20	6 1.9	19.9
371936 2008 ED_{79}	17.2	X	325.97439	303.35142	281.17213	5.98423	0.1892880	0.24327126	2.5414145	20	2 10.9	20.4
371937 2008 EH_{104}	17.4	X	318.95050	198.67848	129.57818	6.73300	0.1459139	0.26763671	2.3847284	20	7 9.7	19.7
371938 2008 EX_{108}	17.7	X	33.31887	97.29274	156.80260	2.68980	0.1640572	0.26769335	2.3843920	20	8 18.4	20.2
371939 2008 EL_{121}	17.9	X	37.36220	42.24057	157.74611	1.68505	0.1286864	0.25336926	2.4734327	20	5 28.1	20.4
371940 2008 ET_{127}	17.4	X	280.37018	296.21830	106.28963	3.43112	0.1979680	0.28110414	2.3079402	20	8 16.5	19.7
371941 2008 ET_{129}	17.5	X	205.94100	14.11012	96.89263	4.54396	0.1730648	0.27703527	2.3304834	20	8 20.7	20.9
371942 2008 EO_{138}	17.0	X	300.41991	96.45844	234.75881	5.34207	0.1697926	0.26164117	2.4210216	20	6 5.4	19.6
371943 2008 EZ_{138}	16.7	X	247.82083	281.92211	354.35850	10.97200	0.2853263	0.22929456	2.6436678	20	1 22.2	21.5
371944 2008 EW_{140}	17.0	X	320.48952	253.08957	349.50452	13.27349	0.1234343	0.24426303	2.5345307	20	3 10.4	20.1
371945 2008 EV_{142}	17.4	X	316.73273	107.74948	125.79137	4.27226	0.1792471	0.24106106	2.5569251	20	2 14.0	20.4
371946 2008 EU_{148}	16.9	X	254.10744	284.87977	5.41796	17.76435	0.2396415	0.23486715	2.6016839	20	2 18.3	21.4
371947 2008 ET_{149}	17.8	X	146.92836	169.90162	358.03838	6.13116	0.0534780	0.27180399	2.3602907	20	9 5.1	21.0
371948 2008 EW_{166}	16.4	X	346.69002	54.33077	172.10610	12.55914	0.1292450	0.24047197	2.5610993	20	4 1.8	19.1
371949 2008 FB_{3}	17.8	X	345.98504	77.11486	182.11021	6.25252	0.0979459	0.25602028	2.4563286	20	5 20.8	20.5
371950 2008 FB_{7}	16.3	X	302.46687	57.99713	178.97636	13.07324	0.2335594	0.23214045	2.6220170	20	1 22.3	20.2
371951 2008 FX_{19}	17.2	X	338.56125	227.58396	353.54911	6.07584	0.0919781	0.24465461	2.5318255	20	3 13.4	19.9
371952 2008 FK_{26}	17.1	X	8.85497	206.08978	36.09542	6.52917	0.0794713	0.25172825	2.4841706	20	6 3.3	19.8
371953 2008 FG_{34}	17.6	X	310.57502	59.08439	168.83908	5.16882	0.1797472	0.23969871	2.5666043	20	1 28.1	21.0
371954 2008 FY_{37}	17.6	X	245.04437	285.16384	160.54315	5.27505	0.1885019	0.27769027	2.3268172	20	8 27.0	20.7
371955 2008 FY_{38}	17.1	X	240.40085	212.97264	95.41863	4.61087	0.2978679	0.23253553	2.6190463	20	2 20.6	21.9
371956 2008 FA_{39}	17.9	X	322.79038	86.73881	152.98387	6.15874	0.1564992	0.24134925	2.5548893	20	3 5.9	20.8
371957 2008 FQ_{43}	17.9	X	92.63929	191.00159	337.93657	1.60453	0.1099987	0.26097336	2.4251500	20	7 4.4	21.0
371958 2008 FX_{49}	17.5	X	294.66281	154.79649	107.33895	0.71543	0.0997660	0.24153250	2.5535968	20	3 5.0	20.7
371959 2008 FT_{50}	17.8	X	291.99148	98.04900	177.94943	11.59558	0.1158481	0.24100516	2.5573205	20	3 16.9	21.1
371960 2008 FM_{51}	17.9	X	259.56804	192.46560	96.17684	1.82456	0.1582436	0.23798940	2.5788790	20	2 21.1	21.7
371961 2008 FQ_{58}	17.4	X	328.12505	147.45167	58.31005	5.78185	0.1439685	0.23504746	2.6003532	20	2 1.5	20.6
371962 2008 FQ_{83}	17.2	X	231.48508	260.57502	30.35902	12.47724	0.2585235	0.22814825	2.6525157	20	1 29.7	22.1
371963 2008 FX_{97}	16.7	X	240.23902	212.11429	90.32006	6.26116	0.1472216	0.23569070	2.5956199	20	2 21.9	20.8
371964 2008 FE_{101}	17.1	X	324.62642	60.91102	161.43826	8.28771	0.1230889	0.23795316	2.5791409	20	2 18.5	20.3
371965 2008 FV_{102}	17.2	X	234.04870	146.85084	151.45364	7.96310	0.0986049	0.23130721	2.6283101	20	2 11.3	21.0
371966 2008 FV_{116}	17.2	X	292.00349	109.31612	132.98562	0.28210	0.0698657	0.23465627	2.6032424	20	2 9.9	20.8
371967 2008 FV_{125}	16.9	X	240.14623	80.48861	222.65040	10.00591	0.1410114	0.23370820	2.6102779	20	2 16.9	21.2
371968 2008 FM_{126}	17.3	X	221.29786	143.37125	158.69718	5.09902	0.2569776	0.22613213	2.6682583	20	1 30.7	22.1
371969 2008 FV_{128}	17.2	X	252.65445	227.36552	155.43994	5.06089	0.0714000	0.25661461	2.4525346	20	6 25.5	20.4
371970 2008 FV_{132}	17.7	X	307.84973	91.35627	173.84679	7.77806	0.1336509	0.23993395	2.5649264	20	3 22.1	20.7
371971 2008 FQ_{134}	17.6	X	321.33860	18.23650	214.31555	8.08324	0.1105251	0.23967940	2.5667421	20	2 26.5	20.9
371972 2008 FQ_{135}	16.6	X	292.47434	8.39149	218.84151	12.95873	0.1068509	0.23129607	2.6283945	20	1 14.6	20.5
371973 2008 GE_{1}	19.6	X	357.76885	312.99392	129.68964	6.72003	0.2480602	0.46442248	1.6514315	20	—	—
371974 2008 GO_{12}	17.5	X	30.52443	112.83598	106.32093	3.61177	0.1524846	0.25709723	2.4494643	20	6 16.8	19.8
371975 2008 GK_{14}	17.1	X	268.02611	242.36136	20.03081	11.25980	0.2236563	0.23324039	2.6137671	20	1 26.1	21.5
371976 2008 GW_{38}	17.0	X	270.51585	84.55038	192.26930	7.34166	0.1407134	0.23305332	2.6151655	20	2 17.4	21.0
371977 2008 GN_{40}	17.5	X	232.26942	161.34873	142.28101	5.01209	0.1334633	0.23291582	2.6161947	20	2 14.6	21.5
371978 2008 GC_{52}	17.3	X	248.53506	259.94192	35.35117	2.80813	0.1277837	0.23745996	2.5827108	20	2 21.4	21.1
371979 2008 GR_{66}	17.7	X	153.84921	338.38626	170.22988	5.47271	0.1782599	0.26747755	2.3856744	20	8 16.8	21.6
371980 2008 GO_{68}	17.3	X	241.33569	56.11776	183.38579	8.50541	0.3041636	0.21939970	2.7225677	20	—	—
371981 2008 GY_{76}	17.3	X	243.98161	244.71806	142.49588	6.56259	0.1341507	0.25614102	2.4555566	20	6 12.5	20.8
371982 2008 GK_{93}	16.7	X	310.61717	148.99165	95.22813	8.72345	0.0545121	0.24096338	2.5576161	20	3 13.9	20.1
371983 2008 GH_{95}	17.7	X	84.10995	9.01600	180.01220	9.23437	0.0857105	0.26353489	2.4094096	20	7 16.0	21.0
371984 2008 GY_{95}	17.2	X	281.57386	142.04397	141.56928	4.26695	0.1967642	0.23873993	2.5734714	20	3 4.3	20.8
371985 2008 GL_{100}	16.6	X	250.32417	125.38003	203.33660	13.24052	0.2255037	0.23977839	2.5660357	20	3 24.3	20.8
371986 2008 GZ_{103}	17.0	X	312.93081	98.01946	147.33635	6.74996	0.0723166	0.24063276	2.5599583	20	3 12.8	20.1
371987 2008 GM_{104}	17.5	X	294.15660	62.92138	168.52023	6.61626	0.1300368	0.23342950	2.6123552	20	1 20.6	21.3
371988 2008 GO_{110}	16.2	X	307.22572	47.56015	160.16640	32.51154	0.2125866	0.23269493	2.6178500	20	—	—
371989 2008 GW_{111}	17.1	X	268.48167	42.48125	185.49875	14.70673	0.3309614	0.22342010	2.6898076	20	—	—
371990 2008 GF_{129}	17.4	X	135.21947	86.67876	47.71154	5.49557	0.1054040	0.25691128	2.4506461	20	7 8.0	21.0
371991 2008 GU_{129}	16.2	X	24.79661	55.95293	131.63401	13.60788	0.1123193	0.24466502	2.5317538	20	4 20.9	19.2
371992 2008 GD_{137}	17.4	X	264.12986	133.04371	183.42483	13.10236	0.1939712	0.24346975	2.5400331	20	3 26.8	21.2
371993 2008 GD_{144}	16.2	X	321.88840	83.41965	120.42205	15.35260	0.1746908	0.23367795	2.6105031	20	1 14.6	19.4
371994 2008 HX_{4}	17.7	X	315.22874	41.01918	189.45839	4.26081	0.1495583	0.23846635	2.5754392	20	2 11.1	20.9
371995 2008 HJ_{9}	17.6	X	326.04038	359.11313	205.44449	2.98045	0.2006310	0.23775330	2.5805860	20	1 15.9	20.8
371996 2008 HH_{12}	16.6	X	251.80368	184.27785	89.76048	8.70233	0.1967809	0.22938351	2.6429843	20	1 25.7	20.9
371997 2008 HO_{14}	17.5	X	313.05671	255.03955	347.78270	3.31160	0.1319787	0.24009129	2.5638057	20	2 28.5	20.7
371998 2008 HC_{16}	16.6	X	17.83246	42.90229	143.61550	5.89893	0.1459320	0.24127243	2.5554315	20	4 2.9	19.0
371999 2008 HU_{19}	16.5	X	345.67760	102.46875	127.71636	9.31274	0.0547361	0.24220035	2.5489005	20	4 14.9	19.7
372000 2008 HS_{22}	17.4	X	286.10927	242.11831	356.51264	3.10062	0.1416135	0.23320746	2.6140131	20	1 20.7	21.2